

QUARTER 4, 2025 FENCELINE MONITORING REPORT FOR THE IRVING OIL SEARSPORT MARINE TERMINAL

Prepared For:

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Report Number: **027AA-027957-RT-1145**

Date: **February 11, 2026**

IRVING OIL SEARSPORT MARINE TERMINAL FENCELINE MONITORING

The State of Maine promulgated the Chapter 171 regulatory rule, which establishes control, operating, inspection, testing, monitoring recordkeeping, and licensure requirements for petroleum storage facilities pursuant to 38 M.R.S. Section 590(1). Chapter 171 applies to petroleum storage facilities licensed or required to obtain an air emission license pursuant to either Major and Minor Source Air Emission License Regulations, 06-096 C.M.R. ch. 115 or Part 70 Air Emission License Regulation, 06-096 C.M.R. Ch. 140. The Irving Oil Searsport Marine Terminal operates under Air Emission License A-413-71-Q-R/A and A-413-71-R-M issued by the State of Maine Department of Environmental Protection Bureau of Air Quality. The License was issued pursuant to Major and Minor Source Air Emission License Regulations, 06-096 C.M.R. Ch. 115 and is subject to the requirements of Ch. 171. Accordingly, fence line monitoring for benzene, ethylbenzene, toluene, and xylenes (BTEX) and analyses of the samples in accordance with Appendix A to 40 C.F.R. Part 63.658, i.e., EPA Methods 325A and 325B as amended on 11/14/2018, is required.

The Irving Oil Searsport Marine Terminal FLM program began on 9/19/24, in accordance with Chapter 171 Section 6B and the Irving Oil Searsport Marine Terminal Chpt. 171 Fence Line Monitoring Plan, Rev 2, dated 8/9/24 and submitted to MEDEP on 8/20/24.

Reporting Requirements of Section 8, Chapter 171 and Corresponding Report Section		
	Requirement	Report Section
A	Facility name and address	Cover Page
B	Year and reporting quarter	Cover Page
C	For each passive monitor:	
	Latitude and longitude location coordinates	Site Coordinates Page
	Sampler name	FLM Results Page (Numbered name by location, in Sample Location column)
	Identification of type of sampler	FLM Results
D	The beginning and ending dates for each sampling period.	FLM Results
E	Individual sample results in units of micrograms per cubic meter for each monitor for each sampling period that ends during the reporting period. Results below the method detection limit shall be flagged as such and reported at the method detection limit.	FLM Results
F	Meteorological data collected during each sampling period, including wind speed and direction.	Meteorological Data Pages

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

Flags:	ND	The analyte was not present above the Method Detection Limit
	J	Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
	D	Sample duration outside 14 +/- 1 days
	P	Field duplicate(s) exceed 30%RPD
	Pc	Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit

Sample results have been obtained that did not meet method requirements. Those results are not included in quarterly and annual statistics. Those results are included in Appendix B attached.

Sample Code	Tube ID	Benzene	Ethylbenzene		m-/p-Xylene		o-Xylene	Toluene			
		(ug/m ³)	Flag	(ug/m ³)	Flag	(ug/m ³)	Flag	(ug/m ³)	Flag		
IRVSEA-1-S-20250918	C57119	1.21		0.796		3.15		1.15		3.63	
IRVSEA-2-S-20250918	C54965	1.92		0.822		2.88		0.989		5.18	
IRVSEA-2-D-20250918	C24160	1.9		1.1		3.19		1.16		4.85	
IRVSEA-2-B-20250918	C69455	0.337	J	0.274	ND	0.449	J	0.274	ND	0.933	
IRVSEA-3-S-20250918	C43605	3.37		1.26		3.81		1.3		4.89	
IRVSEA-4-S-20250918	C55746	2.3		1.14		3.8		1.21		5.75	
IRVSEA-5-S-20250918	C01673	2.22		1.04		3.27		1.15		5.22	
IRVSEA-6-S-20250918	C56813	2.31		1.66		6.33		2.27		9.1	
IRVSEA-7-S-20250918	B47147	4.77		2.74		8.42		3.1		14.2	
IRVSEA-8-S-20250918	C57053	5.57		3.82		14		4.97		22.9	
IRVSEA-8-D-20250918	C00730	5.97		3.96		14.2		5.09		21.7	
IRVSEA-8-B-20250918	C37509	0.188	ND	0.274	ND	0.274	ND	0.274	ND	0.364	J
IRVSEA-9-S-20250918	B51004	3.49		2.08		6.95		2.54		10.6	
IRVSEA-10-S-20250918	B18439	7.73		2.58		8.28		2.9		12.7	
IRVSEA-11-S-20250918	C60221	1.93		1.75		6.72		2.4		8.35	
IRVSEA-12-S-20250918	C38539	2.51		1.33		4.07		1.47		6.07	
IRVSEA-13-S-20250918	C37488	1.06		0.984		2.64		0.968		3.51	
IRVSEA-14-S-20250918	C31378	2.52		0.822		2.16		0.761		3.34	
IRVSEA-15-S-20250918	C56799	1.01		0.845		3.18		1.17		3.36	
IRVSEA-16-S-20250918	B17387	4.65		0.93		2.24		0.838		3.68	
IRVSEA-17-S-20250918	C00809	5.16		1.01		2.14		0.785		3.18	
IRVSEA-1-S-20251002	C43608	1.86		0.886		0.315	J	0.275	ND	6.51	
IRVSEA-2-S-20251002	C20383	2.18		1.59		4.64		1.66		8.85	
IRVSEA-2-D-20251002	C70535	1.92		1.45		4.92		1.74		8.2	
IRVSEA-2-B-20251002	B43932	0.189	ND	0.275	ND	0.275	ND	0.275	ND	0.244	ND
IRVSEA-3-S-20251002	B31644	2.4		2.09		5.47		1.93		9.84	
IRVSEA-4-S-20251002	C43634	2.85		3.44		9.58		2.71		11	
IRVSEA-5-S-20251002	C35797	2.48		2.68		8.33		2.81		12.1	
IRVSEA-6-S-20251002	C55424	3.14		3.09		9.16		3.03		14.1	
IRVSEA-7-S-20251002	B18390	3.85		6.54		18.6		5.11		18.6	

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

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Sample results have been obtained that did not meet method requirements. Those results are not included in quarterly and annual statistics. Those results are included in Appendix B attached.

Sample Code	Tube ID	Benzene	Ethylbenzene		m-/p-Xylene		o-Xylene	Toluene			
		(ug/m ³)	Flag	(ug/m ³)	Flag	(ug/m ³)	Flag	(ug/m ³)	Flag		
IRVSEA-8-S-20251002	C57099	4.1		4.74		15.9		5.53		20.5	
IRVSEA-8-D-20251002	C02243	4.14		4.55		14.7		4.97		20.1	
IRVSEA-8-B-20251002	C37060	0.189	ND	0.275	ND	0.275	ND	0.275	ND	0.244	ND
IRVSEA-9-S-20251002	B14594	3.26		2.83		8.38		3.03		14	
IRVSEA-10-S-20251002	C24142	2.98		2.55		7.32		2.66		13	
IRVSEA-11-S-20251002	C38586	2.72		2.49		7.27		2.58		12.8	
IRVSEA-12-S-20251002	C00722	2.71		2.24		6.64		2.44		12.2	
IRVSEA-13-S-20251002	B48057	2.37		1.8		5.07		1.78		9.72	
IRVSEA-14-S-20251002	B49508	2.17		1.69		5		1.82		8.76	
IRVSEA-15-S-20251002	B17497	3.04		2.6		5.96		2.01		11.1	
IRVSEA-16-S-20251002	C70874	1.8		1.4		4.69		1.62		7.89	
IRVSEA-17-S-20251002	C00609	1.88		1.54		4.4		1.59		7.88	
IRVSEA-1-S-20251126	C33432	0.452	J	0.284	ND	0.284	ND,Pc	0.284	ND	0.489	J
IRVSEA-2-S-20251126	C71782	0.719		0.284	ND	0.539	J,Pc	0.284	ND	1.23	
IRVSEA-2-D-20251126	C71758	0.934		0.284	ND	0.776	Pc	0.308	J	1.45	
IRVSEA-2-B-20251126	C71520	0.195	ND	0.284	ND	0.284	ND,Pc	0.284	ND	0.251	ND
IRVSEA-3-S-20251126	B18346	1.05		0.375	J	0.857	Pc	0.343	J	2.3	
IRVSEA-4-S-20251126	C71538	1.8		1.16		3.58	Pc	1.43		6.06	
IRVSEA-5-S-20251126	C71549	1.1		0.652		1.9	Pc	0.76		3.56	
IRVSEA-6-S-20251126	C56893	1.47		0.781		2.29	Pc	0.922		4.94	
IRVSEA-7-S-20251126	C38853	2.42		1.64		5.38	Pc	2.14		9.4	
IRVSEA-8-S-20251126	C71510	3.57		2.49		8.36	Pc	3.42		14.4	
IRVSEA-8-D-20251126	C73580	3.63		2.49		8.22	Pc	3.26		14.6	
IRVSEA-8-B-20251126	C38869	0.195	ND	0.284	ND	0.284	ND,Pc	0.284	ND	0.251	ND
IRVSEA-9-S-20251126	C71630	1.28		0.638		1.99	Pc	0.858		4.01	
IRVSEA-10-S-20251126	C67404	1.28		0.613	J	2.02	Pc	0.836		4.01	
IRVSEA-11-S-20251126	C70520	0.949		0.493	J	1.6	Pc	0.659		2.78	
IRVSEA-12-S-20251126	B18319	0.732		0.284	ND	0.512	J,Pc	0.284	ND	1.4	
IRVSEA-13-S-20251126	B46223	0.506		0.284	ND	0.284	ND,Pc	0.284	ND	0.712	
IRVSEA-14-S-20251126	C71523	0.52		0.284	ND	0.3	J,Pc	0.284	ND	0.682	

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Sample Code	Tube ID	Benzene		Ethylbenzene		m-/p-Xylene		o-Xylene		Toluene	
		(ug/m ³)	Flag	(ug/m ³)	Flag	(ug/m ³)	Flag	(ug/m ³)	Flag	(ug/m ³)	Flag
IRVSEA-15-S-20251126	C71602	0.496		0.284	ND	0.284	ND,Pc	0.284	ND	0.579	
IRVSEA-16-S-20251126	B34908	0.461	J	0.284	ND	0.284	ND,Pc	0.284	ND	0.504	J
IRVSEA-17-S-20251126	C00644	0.651		0.284	ND	0.284	ND,Pc	0.284	ND	0.702	
IRVSEA-1-S-20251210	C69559	0.538	P	0.304	ND,Pc	0.636	J,P	0.304	ND,Pc	1	P
IRVSEA-2-S-20251210	C70079	1.2	P	0.535	J,Pc	1.75	P	0.71	Pc	2.65	P
IRVSEA-2-D-20251210	B52927	0.583	P	0.304	ND,Pc	0.585	J,P	0.304	ND,Pc	1.23	P
IRVSEA-2-B-20251210	C36934	0.209	ND,P	0.304	ND,Pc	0.304	ND,P	0.304	ND,Pc	0.269	ND,P
IRVSEA-3-S-20251210	C39201	0.674	P	0.336	J,Pc	0.952	P	0.372	J,Pc	1.75	P
IRVSEA-4-S-20251210	B43043	0.788	P	0.503	J,Pc	1.54	P	0.617	J,Pc	2.65	P
IRVSEA-5-S-20251210	C60250	0.798	P	0.527	J,Pc	1.85	P	0.692	Pc	2.6	P
IRVSEA-6-S-20251210	B40160	0.697	P	0.435	J,Pc	1.28	P	0.498	J,Pc	2.21	P
IRVSEA-7-S-20251210	B47063	1.29	P	0.997	Pc	3.36	P	1.26	Pc	5.02	P
IRVSEA-8-S-20251210	C55362	1.27	P	1.22	Pc	4.67	P	1.79	Pc	5.73	P
IRVSEA-8-D-20251210	C34288	1.31	P	1.23	Pc	4.18	P	1.61	Pc	5.88	P
IRVSEA-8-B-20251210	C24252	0.209	ND,P	0.304	ND,Pc	0.304	ND,P	0.304	ND,Pc	0.269	ND,P
IRVSEA-9-S-20251210	B52713	0.67	P	0.309	J,Pc	0.9	P	0.36	J,Pc	1.62	P
IRVSEA-10-S-20251210	C20399	0.69	P	0.404	J,Pc	1.19	P	0.468	J,Pc	2.04	P
IRVSEA-11-S-20251210	C24237	0.626	P	0.35	J,Pc	1.22	P	0.478	J,Pc	1.85	P
IRVSEA-12-S-20251210	B42369	0.539	P	0.304	ND,Pc	0.688	J,P	0.304	ND,Pc	1.26	P
IRVSEA-13-S-20251210	C37473	0.515	P	0.304	ND,Pc	0.457	J,P	0.304	ND,Pc	0.957	P
IRVSEA-14-S-20251210	B15717	0.598	P	0.304	ND,Pc	0.304	ND,P	0.304	ND,Pc	0.839	P
IRVSEA-15-S-20251210	B17545	0.458	J,P	0.305	ND,Pc	0.305	ND,P	0.305	ND,Pc	0.462	J,P
IRVSEA-16-S-20251210	C57648	0.354	J,P	0.305	ND,Pc	0.305	ND,P	0.305	ND,Pc	0.385	J,P
IRVSEA-17-S-20251210	C57681	0.423	J,P	0.305	ND,Pc	0.305	ND,P	0.305	ND,Pc	0.463	J,P
Quarter 4, 2025 Maximum		7.73		6.54		18.6		5.53		22.9	
Quarter 4, 2025 Average		1.93		1.30		3.87		1.41		6.11	
Rolling Annual Maximum		7.73		27.3		128		40.9		22.9	
Rolling Annual Average		1.48		2.71		11.2		3.73		5.21	

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-1-S-20250918	1	Benzene	Sample	1.21	ug/m3	0.188	ug/m3		Y	9/18/2025	08:10	10/2/2025	07:50
IRVSEA-1-S-20250918	1	Ethylbenzene	Sample	0.796	ug/m3	0.274	ug/m3		Y	9/18/2025	08:10	10/2/2025	07:50
IRVSEA-1-S-20250918	1	m-/p-Xylenes	Sample	3.15	ug/m3	0.274	ug/m3		Y	9/18/2025	08:10	10/2/2025	07:50
IRVSEA-1-S-20250918	1	o-Xylene	Sample	1.15	ug/m3	0.274	ug/m3		Y	9/18/2025	08:10	10/2/2025	07:50
IRVSEA-1-S-20250918	1	Toluene	Sample	3.63	ug/m3	0.243	ug/m3		Y	9/18/2025	08:10	10/2/2025	07:50
IRVSEA-2-S-20250918	2	Benzene	Sample	1.92	ug/m3	0.188	ug/m3		Y	9/18/2025	08:20	10/2/2025	08:00
IRVSEA-2-S-20250918	2	Ethylbenzene	Sample	0.822	ug/m3	0.274	ug/m3		Y	9/18/2025	08:20	10/2/2025	08:00
IRVSEA-2-S-20250918	2	m-/p-Xylenes	Sample	2.88	ug/m3	0.274	ug/m3		Y	9/18/2025	08:20	10/2/2025	08:00
IRVSEA-2-S-20250918	2	o-Xylene	Sample	0.989	ug/m3	0.274	ug/m3		Y	9/18/2025	08:20	10/2/2025	08:00
IRVSEA-2-S-20250918	2	Toluene	Sample	5.18	ug/m3	0.243	ug/m3		Y	9/18/2025	08:20	10/2/2025	08:00
IRVSEA-2-D-20250918	2	Benzene	Duplicate	1.9	ug/m3	0.188	ug/m3		Y	9/18/2025	08:20	10/2/2025	08:00
IRVSEA-2-D-20250918	2	Ethylbenzene	Duplicate	1.1	ug/m3	0.274	ug/m3		Y	9/18/2025	08:20	10/2/2025	08:00
IRVSEA-2-D-20250918	2	m-/p-Xylenes	Duplicate	3.19	ug/m3	0.274	ug/m3		Y	9/18/2025	08:20	10/2/2025	08:00
IRVSEA-2-D-20250918	2	o-Xylene	Duplicate	1.16	ug/m3	0.274	ug/m3		Y	9/18/2025	08:20	10/2/2025	08:00
IRVSEA-2-D-20250918	2	Toluene	Duplicate	4.85	ug/m3	0.243	ug/m3		Y	9/18/2025	08:20	10/2/2025	08:00
IRVSEA-2-B-20250918	2	Benzene	Blank	0.337	ug/m3	0.188	ug/m3	J	Y	9/18/2025	08:20	10/2/2025	08:00
IRVSEA-2-B-20250918	2	Ethylbenzene	Blank	<0.274	ug/m3	0.274	ug/m3	ND	N	9/18/2025	08:20	10/2/2025	08:00
IRVSEA-2-B-20250918	2	m-/p-Xylenes	Blank	0.449	ug/m3	0.274	ug/m3	J	Y	9/18/2025	08:20	10/2/2025	08:00
IRVSEA-2-B-20250918	2	o-Xylene	Blank	<0.274	ug/m3	0.274	ug/m3	ND	N	9/18/2025	08:20	10/2/2025	08:00
IRVSEA-2-B-20250918	2	Toluene	Blank	0.933	ug/m3	0.243	ug/m3		Y	9/18/2025	08:20	10/2/2025	08:00
IRVSEA-3-S-20250918	3	Benzene	Sample	3.37	ug/m3	0.188	ug/m3		Y	9/18/2025	08:30	10/2/2025	08:10
IRVSEA-3-S-20250918	3	Ethylbenzene	Sample	1.26	ug/m3	0.274	ug/m3		Y	9/18/2025	08:30	10/2/2025	08:10
IRVSEA-3-S-20250918	3	m-/p-Xylenes	Sample	3.81	ug/m3	0.274	ug/m3		Y	9/18/2025	08:30	10/2/2025	08:10
IRVSEA-3-S-20250918	3	o-Xylene	Sample	1.3	ug/m3	0.274	ug/m3		Y	9/18/2025	08:30	10/2/2025	08:10
IRVSEA-3-S-20250918	3	Toluene	Sample	4.89	ug/m3	0.243	ug/m3		Y	9/18/2025	08:30	10/2/2025	08:10
IRVSEA-4-S-20250918	4	Benzene	Sample	2.3	ug/m3	0.188	ug/m3		Y	9/18/2025	08:40	10/2/2025	08:20
IRVSEA-4-S-20250918	4	Ethylbenzene	Sample	1.14	ug/m3	0.274	ug/m3		Y	9/18/2025	08:40	10/2/2025	08:20
IRVSEA-4-S-20250918	4	m-/p-Xylenes	Sample	3.8	ug/m3	0.274	ug/m3		Y	9/18/2025	08:40	10/2/2025	08:20
IRVSEA-4-S-20250918	4	o-Xylene	Sample	1.21	ug/m3	0.274	ug/m3		Y	9/18/2025	08:40	10/2/2025	08:20
IRVSEA-4-S-20250918	4	Toluene	Sample	5.75	ug/m3	0.243	ug/m3		Y	9/18/2025	08:40	10/2/2025	08:20
IRVSEA-5-S-20250918	5	Benzene	Sample	2.22	ug/m3	0.188	ug/m3		Y	9/18/2025	08:50	10/2/2025	08:30
IRVSEA-5-S-20250918	5	Ethylbenzene	Sample	1.04	ug/m3	0.274	ug/m3		Y	9/18/2025	08:50	10/2/2025	08:30

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SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-5-S-20250918	5	m-/p-Xylenes	Sample	3.27	ug/m3	0.274	ug/m3		Y	9/18/2025	08:50	10/2/2025	08:30
IRVSEA-5-S-20250918	5	o-Xylene	Sample	1.15	ug/m3	0.274	ug/m3		Y	9/18/2025	08:50	10/2/2025	08:30
IRVSEA-5-S-20250918	5	Toluene	Sample	5.22	ug/m3	0.243	ug/m3		Y	9/18/2025	08:50	10/2/2025	08:30
IRVSEA-6-S-20250918	6	Benzene	Sample	2.31	ug/m3	0.188	ug/m3		Y	9/18/2025	09:00	10/2/2025	08:40
IRVSEA-6-S-20250918	6	Ethylbenzene	Sample	1.66	ug/m3	0.274	ug/m3		Y	9/18/2025	09:00	10/2/2025	08:40
IRVSEA-6-S-20250918	6	m-/p-Xylenes	Sample	6.33	ug/m3	0.274	ug/m3		Y	9/18/2025	09:00	10/2/2025	08:40
IRVSEA-6-S-20250918	6	o-Xylene	Sample	2.27	ug/m3	0.274	ug/m3		Y	9/18/2025	09:00	10/2/2025	08:40
IRVSEA-6-S-20250918	6	Toluene	Sample	9.1	ug/m3	0.243	ug/m3		Y	9/18/2025	09:00	10/2/2025	08:40
IRVSEA-7-S-20250918	7	Benzene	Sample	4.77	ug/m3	0.188	ug/m3		Y	9/18/2025	09:10	10/2/2025	08:50
IRVSEA-7-S-20250918	7	Ethylbenzene	Sample	2.74	ug/m3	0.274	ug/m3		Y	9/18/2025	09:10	10/2/2025	08:50
IRVSEA-7-S-20250918	7	m-/p-Xylenes	Sample	8.42	ug/m3	0.274	ug/m3		Y	9/18/2025	09:10	10/2/2025	08:50
IRVSEA-7-S-20250918	7	o-Xylene	Sample	3.1	ug/m3	0.274	ug/m3		Y	9/18/2025	09:10	10/2/2025	08:50
IRVSEA-7-S-20250918	7	Toluene	Sample	14.2	ug/m3	0.243	ug/m3		Y	9/18/2025	09:10	10/2/2025	08:50
IRVSEA-8-S-20250918	8	Benzene	Sample	5.57	ug/m3	0.188	ug/m3		Y	9/18/2025	09:20	10/2/2025	09:00
IRVSEA-8-S-20250918	8	Ethylbenzene	Sample	3.82	ug/m3	0.274	ug/m3		Y	9/18/2025	09:20	10/2/2025	09:00
IRVSEA-8-S-20250918	8	m-/p-Xylenes	Sample	14	ug/m3	0.274	ug/m3		Y	9/18/2025	09:20	10/2/2025	09:00
IRVSEA-8-S-20250918	8	o-Xylene	Sample	4.97	ug/m3	0.274	ug/m3		Y	9/18/2025	09:20	10/2/2025	09:00
IRVSEA-8-S-20250918	8	Toluene	Sample	22.9	ug/m3	0.243	ug/m3		Y	9/18/2025	09:20	10/2/2025	09:00
IRVSEA-8-D-20250918	8	Benzene	Duplicate	5.97	ug/m3	0.188	ug/m3		Y	9/18/2025	09:20	10/2/2025	09:00
IRVSEA-8-D-20250918	8	Ethylbenzene	Duplicate	3.96	ug/m3	0.274	ug/m3		Y	9/18/2025	09:20	10/2/2025	09:00
IRVSEA-8-D-20250918	8	m-/p-Xylenes	Duplicate	14.2	ug/m3	0.274	ug/m3		Y	9/18/2025	09:20	10/2/2025	09:00
IRVSEA-8-D-20250918	8	o-Xylene	Duplicate	5.09	ug/m3	0.274	ug/m3		Y	9/18/2025	09:20	10/2/2025	09:00
IRVSEA-8-D-20250918	8	Toluene	Duplicate	21.7	ug/m3	0.243	ug/m3		Y	9/18/2025	09:20	10/2/2025	09:00
IRVSEA-8-B-20250918	8	Benzene	Blank	<0.188	ug/m3	0.188	ug/m3	ND	N	9/18/2025	09:20	10/2/2025	09:00
IRVSEA-8-B-20250918	8	Ethylbenzene	Blank	<0.274	ug/m3	0.274	ug/m3	ND	N	9/18/2025	09:20	10/2/2025	09:00
IRVSEA-8-B-20250918	8	m-/p-Xylenes	Blank	<0.274	ug/m3	0.274	ug/m3	ND	N	9/18/2025	09:20	10/2/2025	09:00
IRVSEA-8-B-20250918	8	o-Xylene	Blank	<0.274	ug/m3	0.274	ug/m3	ND	N	9/18/2025	09:20	10/2/2025	09:00
IRVSEA-8-B-20250918	8	Toluene	Blank	0.364	ug/m3	0.243	ug/m3	J	Y	9/18/2025	09:20	10/2/2025	09:00
IRVSEA-9-S-20250918	9	Benzene	Sample	3.49	ug/m3	0.188	ug/m3		Y	9/18/2025	09:30	10/2/2025	09:10
IRVSEA-9-S-20250918	9	Ethylbenzene	Sample	2.08	ug/m3	0.274	ug/m3		Y	9/18/2025	09:30	10/2/2025	09:10
IRVSEA-9-S-20250918	9	m-/p-Xylenes	Sample	6.95	ug/m3	0.274	ug/m3		Y	9/18/2025	09:30	10/2/2025	09:10
IRVSEA-9-S-20250918	9	o-Xylene	Sample	2.54	ug/m3	0.274	ug/m3		Y	9/18/2025	09:30	10/2/2025	09:10

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-9-S-20250918	9	Toluene	Sample	10.6	ug/m3	0.243	ug/m3		Y	9/18/2025	09:30	10/2/2025	09:10
IRVSEA-10-S-20250918	10	Benzene	Sample	7.73	ug/m3	0.188	ug/m3		Y	9/18/2025	09:40	10/2/2025	09:20
IRVSEA-10-S-20250918	10	Ethylbenzene	Sample	2.58	ug/m3	0.274	ug/m3		Y	9/18/2025	09:40	10/2/2025	09:20
IRVSEA-10-S-20250918	10	m-/p-Xylenes	Sample	8.28	ug/m3	0.274	ug/m3		Y	9/18/2025	09:40	10/2/2025	09:20
IRVSEA-10-S-20250918	10	o-Xylene	Sample	2.9	ug/m3	0.274	ug/m3		Y	9/18/2025	09:40	10/2/2025	09:20
IRVSEA-10-S-20250918	10	Toluene	Sample	12.7	ug/m3	0.243	ug/m3		Y	9/18/2025	09:40	10/2/2025	09:20
IRVSEA-11-S-20250918	11	Benzene	Sample	1.93	ug/m3	0.188	ug/m3		Y	9/18/2025	09:50	10/2/2025	09:30
IRVSEA-11-S-20250918	11	Ethylbenzene	Sample	1.75	ug/m3	0.274	ug/m3		Y	9/18/2025	09:50	10/2/2025	09:30
IRVSEA-11-S-20250918	11	m-/p-Xylenes	Sample	6.72	ug/m3	0.274	ug/m3		Y	9/18/2025	09:50	10/2/2025	09:30
IRVSEA-11-S-20250918	11	o-Xylene	Sample	2.4	ug/m3	0.274	ug/m3		Y	9/18/2025	09:50	10/2/2025	09:30
IRVSEA-11-S-20250918	11	Toluene	Sample	8.35	ug/m3	0.243	ug/m3		Y	9/18/2025	09:50	10/2/2025	09:30
IRVSEA-12-S-20250918	12	Benzene	Sample	2.51	ug/m3	0.188	ug/m3		Y	9/18/2025	10:00	10/2/2025	09:40
IRVSEA-12-S-20250918	12	Ethylbenzene	Sample	1.33	ug/m3	0.274	ug/m3		Y	9/18/2025	10:00	10/2/2025	09:40
IRVSEA-12-S-20250918	12	m-/p-Xylenes	Sample	4.07	ug/m3	0.274	ug/m3		Y	9/18/2025	10:00	10/2/2025	09:40
IRVSEA-12-S-20250918	12	o-Xylene	Sample	1.47	ug/m3	0.274	ug/m3		Y	9/18/2025	10:00	10/2/2025	09:40
IRVSEA-12-S-20250918	12	Toluene	Sample	6.07	ug/m3	0.243	ug/m3		Y	9/18/2025	10:00	10/2/2025	09:40
IRVSEA-13-S-20250918	13	Benzene	Sample	1.06	ug/m3	0.188	ug/m3		Y	9/18/2025	10:10	10/2/2025	09:50
IRVSEA-13-S-20250918	13	Ethylbenzene	Sample	0.984	ug/m3	0.274	ug/m3		Y	9/18/2025	10:10	10/2/2025	09:50
IRVSEA-13-S-20250918	13	m-/p-Xylenes	Sample	2.64	ug/m3	0.274	ug/m3		Y	9/18/2025	10:10	10/2/2025	09:50
IRVSEA-13-S-20250918	13	o-Xylene	Sample	0.968	ug/m3	0.274	ug/m3		Y	9/18/2025	10:10	10/2/2025	09:50
IRVSEA-13-S-20250918	13	Toluene	Sample	3.51	ug/m3	0.243	ug/m3		Y	9/18/2025	10:10	10/2/2025	09:50
IRVSEA-14-S-20250918	14	Benzene	Sample	2.52	ug/m3	0.188	ug/m3		Y	9/18/2025	10:20	10/2/2025	10:00
IRVSEA-14-S-20250918	14	Ethylbenzene	Sample	0.822	ug/m3	0.274	ug/m3		Y	9/18/2025	10:20	10/2/2025	10:00
IRVSEA-14-S-20250918	14	m-/p-Xylenes	Sample	2.16	ug/m3	0.274	ug/m3		Y	9/18/2025	10:20	10/2/2025	10:00
IRVSEA-14-S-20250918	14	o-Xylene	Sample	0.761	ug/m3	0.274	ug/m3		Y	9/18/2025	10:20	10/2/2025	10:00
IRVSEA-14-S-20250918	14	Toluene	Sample	3.34	ug/m3	0.243	ug/m3		Y	9/18/2025	10:20	10/2/2025	10:00
IRVSEA-15-S-20250918	15	Benzene	Sample	1.01	ug/m3	0.188	ug/m3		Y	9/18/2025	10:40	10/2/2025	10:25
IRVSEA-15-S-20250918	15	Ethylbenzene	Sample	0.845	ug/m3	0.274	ug/m3		Y	9/18/2025	10:40	10/2/2025	10:25
IRVSEA-15-S-20250918	15	m-/p-Xylenes	Sample	3.18	ug/m3	0.274	ug/m3		Y	9/18/2025	10:40	10/2/2025	10:25
IRVSEA-15-S-20250918	15	o-Xylene	Sample	1.17	ug/m3	0.274	ug/m3		Y	9/18/2025	10:40	10/2/2025	10:25
IRVSEA-15-S-20250918	15	Toluene	Sample	3.36	ug/m3	0.243	ug/m3		Y	9/18/2025	10:40	10/2/2025	10:25
IRVSEA-16-S-20250918	16	Benzene	Sample	4.65	ug/m3	0.188	ug/m3		Y	9/18/2025	10:50	10/2/2025	10:35

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-16-S-20250918	16	Ethylbenzene	Sample	0.93	ug/m3	0.274	ug/m3		Y	9/18/2025	10:50	10/2/2025	10:35
IRVSEA-16-S-20250918	16	m-/p-Xylenes	Sample	2.24	ug/m3	0.274	ug/m3		Y	9/18/2025	10:50	10/2/2025	10:35
IRVSEA-16-S-20250918	16	o-Xylene	Sample	0.838	ug/m3	0.274	ug/m3		Y	9/18/2025	10:50	10/2/2025	10:35
IRVSEA-16-S-20250918	16	Toluene	Sample	3.68	ug/m3	0.243	ug/m3		Y	9/18/2025	10:50	10/2/2025	10:35
IRVSEA-17-S-20250918	17	Benzene	Sample	5.16	ug/m3	0.188	ug/m3		Y	9/18/2025	11:00	10/2/2025	10:45
IRVSEA-17-S-20250918	17	Ethylbenzene	Sample	1.01	ug/m3	0.274	ug/m3		Y	9/18/2025	11:00	10/2/2025	10:45
IRVSEA-17-S-20250918	17	m-/p-Xylenes	Sample	2.14	ug/m3	0.274	ug/m3		Y	9/18/2025	11:00	10/2/2025	10:45
IRVSEA-17-S-20250918	17	o-Xylene	Sample	0.785	ug/m3	0.274	ug/m3		Y	9/18/2025	11:00	10/2/2025	10:45
IRVSEA-17-S-20250918	17	Toluene	Sample	3.18	ug/m3	0.243	ug/m3		Y	9/18/2025	11:00	10/2/2025	10:45
IRVSEA-1-S-20251002	1	Benzene	Sample	1.86	ug/m3	0.189	ug/m3		Y	10/2/2025	07:50	10/16/2025	08:00
IRVSEA-1-S-20251002	1	Ethylbenzene	Sample	0.886	ug/m3	0.275	ug/m3		Y	10/2/2025	07:50	10/16/2025	08:00
IRVSEA-1-S-20251002	1	m-/p-Xylenes	Sample	0.315	ug/m3	0.275	ug/m3	J	Y	10/2/2025	07:50	10/16/2025	08:00
IRVSEA-1-S-20251002	1	o-Xylene	Sample	<0.275	ug/m3	0.275	ug/m3	ND	N	10/2/2025	07:50	10/16/2025	08:00
IRVSEA-1-S-20251002	1	Toluene	Sample	6.51	ug/m3	0.244	ug/m3		Y	10/2/2025	07:50	10/16/2025	08:00
IRVSEA-2-S-20251002	2	Benzene	Sample	2.18	ug/m3	0.189	ug/m3		Y	10/2/2025	08:00	10/16/2025	08:10
IRVSEA-2-S-20251002	2	Ethylbenzene	Sample	1.59	ug/m3	0.275	ug/m3		Y	10/2/2025	08:00	10/16/2025	08:10
IRVSEA-2-S-20251002	2	m-/p-Xylenes	Sample	4.64	ug/m3	0.275	ug/m3		Y	10/2/2025	08:00	10/16/2025	08:10
IRVSEA-2-S-20251002	2	o-Xylene	Sample	1.66	ug/m3	0.275	ug/m3		Y	10/2/2025	08:00	10/16/2025	08:10
IRVSEA-2-S-20251002	2	Toluene	Sample	8.85	ug/m3	0.244	ug/m3		Y	10/2/2025	08:00	10/16/2025	08:10
IRVSEA-2-D-20251002	2	Benzene	Duplicate	1.92	ug/m3	0.189	ug/m3		Y	10/2/2025	08:00	10/16/2025	08:10
IRVSEA-2-D-20251002	2	Ethylbenzene	Duplicate	1.45	ug/m3	0.275	ug/m3		Y	10/2/2025	08:00	10/16/2025	08:10
IRVSEA-2-D-20251002	2	m-/p-Xylenes	Duplicate	4.92	ug/m3	0.275	ug/m3		Y	10/2/2025	08:00	10/16/2025	08:10
IRVSEA-2-D-20251002	2	o-Xylene	Duplicate	1.74	ug/m3	0.275	ug/m3		Y	10/2/2025	08:00	10/16/2025	08:10
IRVSEA-2-D-20251002	2	Toluene	Duplicate	8.2	ug/m3	0.244	ug/m3		Y	10/2/2025	08:00	10/16/2025	08:10
IRVSEA-2-B-20251002	2	Benzene	Blank	<0.189	ug/m3	0.189	ug/m3	ND	N	10/2/2025	08:00	10/16/2025	08:10
IRVSEA-2-B-20251002	2	Ethylbenzene	Blank	<0.275	ug/m3	0.275	ug/m3	ND	N	10/2/2025	08:00	10/16/2025	08:10
IRVSEA-2-B-20251002	2	m-/p-Xylenes	Blank	<0.275	ug/m3	0.275	ug/m3	ND	N	10/2/2025	08:00	10/16/2025	08:10
IRVSEA-2-B-20251002	2	o-Xylene	Blank	<0.275	ug/m3	0.275	ug/m3	ND	N	10/2/2025	08:00	10/16/2025	08:10
IRVSEA-2-B-20251002	2	Toluene	Blank	<0.244	ug/m3	0.244	ug/m3	ND	N	10/2/2025	08:00	10/16/2025	08:10
IRVSEA-3-S-20251002	3	Benzene	Sample	2.4	ug/m3	0.189	ug/m3		Y	10/2/2025	08:10	10/16/2025	08:20
IRVSEA-3-S-20251002	3	Ethylbenzene	Sample	2.09	ug/m3	0.275	ug/m3		Y	10/2/2025	08:10	10/16/2025	08:20
IRVSEA-3-S-20251002	3	m-/p-Xylenes	Sample	5.47	ug/m3	0.275	ug/m3		Y	10/2/2025	08:10	10/16/2025	08:20

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-3-S-20251002	3	o-Xylene	Sample	1.93	ug/m3	0.275	ug/m3		Y	10/2/2025	08:10	10/16/2025	08:20
IRVSEA-3-S-20251002	3	Toluene	Sample	9.84	ug/m3	0.244	ug/m3		Y	10/2/2025	08:10	10/16/2025	08:20
IRVSEA-4-S-20251002	4	Benzene	Sample	2.85	ug/m3	0.189	ug/m3		Y	10/2/2025	08:20	10/16/2025	08:30
IRVSEA-4-S-20251002	4	Ethylbenzene	Sample	3.44	ug/m3	0.275	ug/m3		Y	10/2/2025	08:20	10/16/2025	08:30
IRVSEA-4-S-20251002	4	m-/p-Xylenes	Sample	9.58	ug/m3	0.275	ug/m3		Y	10/2/2025	08:20	10/16/2025	08:30
IRVSEA-4-S-20251002	4	o-Xylene	Sample	2.71	ug/m3	0.275	ug/m3		Y	10/2/2025	08:20	10/16/2025	08:30
IRVSEA-4-S-20251002	4	Toluene	Sample	11	ug/m3	0.244	ug/m3		Y	10/2/2025	08:20	10/16/2025	08:30
IRVSEA-5-S-20251002	5	Benzene	Sample	2.48	ug/m3	0.189	ug/m3		Y	10/2/2025	08:30	10/16/2025	08:40
IRVSEA-5-S-20251002	5	Ethylbenzene	Sample	2.68	ug/m3	0.275	ug/m3		Y	10/2/2025	08:30	10/16/2025	08:40
IRVSEA-5-S-20251002	5	m-/p-Xylenes	Sample	8.33	ug/m3	0.275	ug/m3		Y	10/2/2025	08:30	10/16/2025	08:40
IRVSEA-5-S-20251002	5	o-Xylene	Sample	2.81	ug/m3	0.275	ug/m3		Y	10/2/2025	08:30	10/16/2025	08:40
IRVSEA-5-S-20251002	5	Toluene	Sample	12.1	ug/m3	0.244	ug/m3		Y	10/2/2025	08:30	10/16/2025	08:40
IRVSEA-6-S-20251002	6	Benzene	Sample	3.14	ug/m3	0.189	ug/m3		Y	10/2/2025	08:40	10/16/2025	08:50
IRVSEA-6-S-20251002	6	Ethylbenzene	Sample	3.09	ug/m3	0.275	ug/m3		Y	10/2/2025	08:40	10/16/2025	08:50
IRVSEA-6-S-20251002	6	m-/p-Xylenes	Sample	9.16	ug/m3	0.275	ug/m3		Y	10/2/2025	08:40	10/16/2025	08:50
IRVSEA-6-S-20251002	6	o-Xylene	Sample	3.03	ug/m3	0.275	ug/m3		Y	10/2/2025	08:40	10/16/2025	08:50
IRVSEA-6-S-20251002	6	Toluene	Sample	14.1	ug/m3	0.244	ug/m3		Y	10/2/2025	08:40	10/16/2025	08:50
IRVSEA-7-S-20251002	7	Benzene	Sample	3.85	ug/m3	0.189	ug/m3		Y	10/2/2025	08:50	10/16/2025	09:00
IRVSEA-7-S-20251002	7	Ethylbenzene	Sample	6.54	ug/m3	0.275	ug/m3		Y	10/2/2025	08:50	10/16/2025	09:00
IRVSEA-7-S-20251002	7	m-/p-Xylenes	Sample	18.6	ug/m3	0.275	ug/m3		Y	10/2/2025	08:50	10/16/2025	09:00
IRVSEA-7-S-20251002	7	o-Xylene	Sample	5.11	ug/m3	0.275	ug/m3		Y	10/2/2025	08:50	10/16/2025	09:00
IRVSEA-7-S-20251002	7	Toluene	Sample	18.6	ug/m3	0.244	ug/m3		Y	10/2/2025	08:50	10/16/2025	09:00
IRVSEA-8-S-20251002	8	Benzene	Sample	4.1	ug/m3	0.189	ug/m3		Y	10/2/2025	09:00	10/16/2025	09:10
IRVSEA-8-S-20251002	8	Ethylbenzene	Sample	4.74	ug/m3	0.275	ug/m3		Y	10/2/2025	09:00	10/16/2025	09:10
IRVSEA-8-S-20251002	8	m-/p-Xylenes	Sample	15.9	ug/m3	0.275	ug/m3		Y	10/2/2025	09:00	10/16/2025	09:10
IRVSEA-8-S-20251002	8	o-Xylene	Sample	5.53	ug/m3	0.275	ug/m3		Y	10/2/2025	09:00	10/16/2025	09:10
IRVSEA-8-S-20251002	8	Toluene	Sample	20.5	ug/m3	0.244	ug/m3		Y	10/2/2025	09:00	10/16/2025	09:10
IRVSEA-8-D-20251002	8	Benzene	Duplicate	4.14	ug/m3	0.189	ug/m3		Y	10/2/2025	09:00	10/16/2025	09:10
IRVSEA-8-D-20251002	8	Ethylbenzene	Duplicate	4.55	ug/m3	0.275	ug/m3		Y	10/2/2025	09:00	10/16/2025	09:10
IRVSEA-8-D-20251002	8	m-/p-Xylenes	Duplicate	14.7	ug/m3	0.275	ug/m3		Y	10/2/2025	09:00	10/16/2025	09:10
IRVSEA-8-D-20251002	8	o-Xylene	Duplicate	4.97	ug/m3	0.275	ug/m3		Y	10/2/2025	09:00	10/16/2025	09:10
IRVSEA-8-D-20251002	8	Toluene	Duplicate	20.1	ug/m3	0.244	ug/m3		Y	10/2/2025	09:00	10/16/2025	09:10

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-8-B-20251002	8	Benzene	Blank	<0.189	ug/m3	0.189	ug/m3	ND	N	10/2/2025	09:00	10/16/2025	09:10
IRVSEA-8-B-20251002	8	Ethylbenzene	Blank	<0.275	ug/m3	0.275	ug/m3	ND	N	10/2/2025	09:00	10/16/2025	09:10
IRVSEA-8-B-20251002	8	m-/p-Xylenes	Blank	<0.275	ug/m3	0.275	ug/m3	ND	N	10/2/2025	09:00	10/16/2025	09:10
IRVSEA-8-B-20251002	8	o-Xylene	Blank	<0.275	ug/m3	0.275	ug/m3	ND	N	10/2/2025	09:00	10/16/2025	09:10
IRVSEA-8-B-20251002	8	Toluene	Blank	<0.244	ug/m3	0.244	ug/m3	ND	N	10/2/2025	09:00	10/16/2025	09:10
IRVSEA-9-S-20251002	9	Benzene	Sample	3.26	ug/m3	0.189	ug/m3		Y	10/2/2025	09:10	10/16/2025	09:20
IRVSEA-9-S-20251002	9	Ethylbenzene	Sample	2.83	ug/m3	0.275	ug/m3		Y	10/2/2025	09:10	10/16/2025	09:20
IRVSEA-9-S-20251002	9	m-/p-Xylenes	Sample	8.38	ug/m3	0.275	ug/m3		Y	10/2/2025	09:10	10/16/2025	09:20
IRVSEA-9-S-20251002	9	o-Xylene	Sample	3.03	ug/m3	0.275	ug/m3		Y	10/2/2025	09:10	10/16/2025	09:20
IRVSEA-9-S-20251002	9	Toluene	Sample	14	ug/m3	0.244	ug/m3		Y	10/2/2025	09:10	10/16/2025	09:20
IRVSEA-10-S-20251002	10	Benzene	Sample	2.98	ug/m3	0.189	ug/m3		Y	10/2/2025	09:20	10/16/2025	09:30
IRVSEA-10-S-20251002	10	Ethylbenzene	Sample	2.55	ug/m3	0.275	ug/m3		Y	10/2/2025	09:20	10/16/2025	09:30
IRVSEA-10-S-20251002	10	m-/p-Xylenes	Sample	7.32	ug/m3	0.275	ug/m3		Y	10/2/2025	09:20	10/16/2025	09:30
IRVSEA-10-S-20251002	10	o-Xylene	Sample	2.66	ug/m3	0.275	ug/m3		Y	10/2/2025	09:20	10/16/2025	09:30
IRVSEA-10-S-20251002	10	Toluene	Sample	13	ug/m3	0.244	ug/m3		Y	10/2/2025	09:20	10/16/2025	09:30
IRVSEA-11-S-20251002	11	Benzene	Sample	2.72	ug/m3	0.189	ug/m3		Y	10/2/2025	09:30	10/16/2025	09:40
IRVSEA-11-S-20251002	11	Ethylbenzene	Sample	2.49	ug/m3	0.275	ug/m3		Y	10/2/2025	09:30	10/16/2025	09:40
IRVSEA-11-S-20251002	11	m-/p-Xylenes	Sample	7.27	ug/m3	0.275	ug/m3		Y	10/2/2025	09:30	10/16/2025	09:40
IRVSEA-11-S-20251002	11	o-Xylene	Sample	2.58	ug/m3	0.275	ug/m3		Y	10/2/2025	09:30	10/16/2025	09:40
IRVSEA-11-S-20251002	11	Toluene	Sample	12.8	ug/m3	0.244	ug/m3		Y	10/2/2025	09:30	10/16/2025	09:40
IRVSEA-12-S-20251002	12	Benzene	Sample	2.71	ug/m3	0.189	ug/m3		Y	10/2/2025	09:40	10/16/2025	09:50
IRVSEA-12-S-20251002	12	Ethylbenzene	Sample	2.24	ug/m3	0.275	ug/m3		Y	10/2/2025	09:40	10/16/2025	09:50
IRVSEA-12-S-20251002	12	m-/p-Xylenes	Sample	6.64	ug/m3	0.275	ug/m3		Y	10/2/2025	09:40	10/16/2025	09:50
IRVSEA-12-S-20251002	12	o-Xylene	Sample	2.44	ug/m3	0.275	ug/m3		Y	10/2/2025	09:40	10/16/2025	09:50
IRVSEA-12-S-20251002	12	Toluene	Sample	12.2	ug/m3	0.244	ug/m3		Y	10/2/2025	09:40	10/16/2025	09:50
IRVSEA-13-S-20251002	13	Benzene	Sample	2.37	ug/m3	0.189	ug/m3		Y	10/2/2025	09:50	10/16/2025	10:00
IRVSEA-13-S-20251002	13	Ethylbenzene	Sample	1.8	ug/m3	0.275	ug/m3		Y	10/2/2025	09:50	10/16/2025	10:00
IRVSEA-13-S-20251002	13	m-/p-Xylenes	Sample	5.07	ug/m3	0.275	ug/m3		Y	10/2/2025	09:50	10/16/2025	10:00
IRVSEA-13-S-20251002	13	o-Xylene	Sample	1.78	ug/m3	0.275	ug/m3		Y	10/2/2025	09:50	10/16/2025	10:00
IRVSEA-13-S-20251002	13	Toluene	Sample	9.72	ug/m3	0.244	ug/m3		Y	10/2/2025	09:50	10/16/2025	10:00
IRVSEA-14-S-20251002	14	Benzene	Sample	2.17	ug/m3	0.189	ug/m3		Y	10/2/2025	10:00	10/16/2025	10:10
IRVSEA-14-S-20251002	14	Ethylbenzene	Sample	1.69	ug/m3	0.275	ug/m3		Y	10/2/2025	10:00	10/16/2025	10:10

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-14-S-20251002	14	m-/p-Xylenes	Sample	5	ug/m3	0.275	ug/m3		Y	10/2/2025	10:00	10/16/2025	10:10
IRVSEA-14-S-20251002	14	o-Xylene	Sample	1.82	ug/m3	0.275	ug/m3		Y	10/2/2025	10:00	10/16/2025	10:10
IRVSEA-14-S-20251002	14	Toluene	Sample	8.76	ug/m3	0.244	ug/m3		Y	10/2/2025	10:00	10/16/2025	10:10
IRVSEA-15-S-20251002	15	Benzene	Sample	3.04	ug/m3	0.189	ug/m3		Y	10/2/2025	10:25	10/16/2025	10:30
IRVSEA-15-S-20251002	15	Ethylbenzene	Sample	2.6	ug/m3	0.275	ug/m3		Y	10/2/2025	10:25	10/16/2025	10:30
IRVSEA-15-S-20251002	15	m-/p-Xylenes	Sample	5.96	ug/m3	0.275	ug/m3		Y	10/2/2025	10:25	10/16/2025	10:30
IRVSEA-15-S-20251002	15	o-Xylene	Sample	2.01	ug/m3	0.275	ug/m3		Y	10/2/2025	10:25	10/16/2025	10:30
IRVSEA-15-S-20251002	15	Toluene	Sample	11.1	ug/m3	0.244	ug/m3		Y	10/2/2025	10:25	10/16/2025	10:30
IRVSEA-16-S-20251002	16	Benzene	Sample	1.8	ug/m3	0.189	ug/m3		Y	10/2/2025	10:35	10/16/2025	10:40
IRVSEA-16-S-20251002	16	Ethylbenzene	Sample	1.4	ug/m3	0.275	ug/m3		Y	10/2/2025	10:35	10/16/2025	10:40
IRVSEA-16-S-20251002	16	m-/p-Xylenes	Sample	4.69	ug/m3	0.275	ug/m3		Y	10/2/2025	10:35	10/16/2025	10:40
IRVSEA-16-S-20251002	16	o-Xylene	Sample	1.62	ug/m3	0.275	ug/m3		Y	10/2/2025	10:35	10/16/2025	10:40
IRVSEA-16-S-20251002	16	Toluene	Sample	7.89	ug/m3	0.244	ug/m3		Y	10/2/2025	10:35	10/16/2025	10:40
IRVSEA-17-S-20251002	17	Benzene	Sample	1.88	ug/m3	0.189	ug/m3		Y	10/2/2025	10:45	10/16/2025	10:50
IRVSEA-17-S-20251002	17	Ethylbenzene	Sample	1.54	ug/m3	0.276	ug/m3		Y	10/2/2025	10:45	10/16/2025	10:50
IRVSEA-17-S-20251002	17	m-/p-Xylenes	Sample	4.4	ug/m3	0.276	ug/m3		Y	10/2/2025	10:45	10/16/2025	10:50
IRVSEA-17-S-20251002	17	o-Xylene	Sample	1.59	ug/m3	0.276	ug/m3		Y	10/2/2025	10:45	10/16/2025	10:50
IRVSEA-17-S-20251002	17	Toluene	Sample	7.88	ug/m3	0.244	ug/m3		Y	10/2/2025	10:45	10/16/2025	10:50
IRVSEA-1-S-20251126	1	Benzene	Sample	0.452	ug/m3	0.195	ug/m3	J	Y	11/26/2025	09:15	12/10/2025	09:50
IRVSEA-1-S-20251126	1	Ethylbenzene	Sample	<0.284	ug/m3	0.284	ug/m3	ND	N	11/26/2025	09:15	12/10/2025	09:50
IRVSEA-1-S-20251126	1	o-Xylene	Sample	<0.284	ug/m3	0.284	ug/m3	ND	N	11/26/2025	09:15	12/10/2025	09:50
IRVSEA-1-S-20251126	1	Toluene	Sample	0.489	ug/m3	0.251	ug/m3	J	Y	11/26/2025	09:15	12/10/2025	09:50
IRVSEA-1-S-20251126	1	m-/p-Xylenes	Sample	<0.284	ug/m3	0.284	ug/m3	ND,Pc	N	11/26/2025	09:15	12/10/2025	09:50
IRVSEA-2-S-20251126	2	Benzene	Sample	0.719	ug/m3	0.195	ug/m3		Y	11/26/2025	09:28	12/10/2025	09:53
IRVSEA-2-S-20251126	2	Ethylbenzene	Sample	<0.284	ug/m3	0.284	ug/m3	ND	N	11/26/2025	09:28	12/10/2025	09:53
IRVSEA-2-S-20251126	2	o-Xylene	Sample	<0.284	ug/m3	0.284	ug/m3	ND	N	11/26/2025	09:28	12/10/2025	09:53
IRVSEA-2-S-20251126	2	Toluene	Sample	1.23	ug/m3	0.251	ug/m3		Y	11/26/2025	09:28	12/10/2025	09:53
IRVSEA-2-S-20251126	2	m-/p-Xylenes	Sample	0.539	ug/m3	0.284	ug/m3	J,Pc	Y	11/26/2025	09:28	12/10/2025	09:53
IRVSEA-2-D-20251126	2	Benzene	Duplicate	0.934	ug/m3	0.195	ug/m3		Y	11/26/2025	09:28	12/10/2025	09:53
IRVSEA-2-D-20251126	2	Ethylbenzene	Duplicate	<0.284	ug/m3	0.284	ug/m3	ND	N	11/26/2025	09:28	12/10/2025	09:53
IRVSEA-2-D-20251126	2	o-Xylene	Duplicate	0.308	ug/m3	0.284	ug/m3	J	Y	11/26/2025	09:28	12/10/2025	09:53
IRVSEA-2-D-20251126	2	Toluene	Duplicate	1.45	ug/m3	0.251	ug/m3		Y	11/26/2025	09:28	12/10/2025	09:53

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-2-D-20251126	2	m-/p-Xylenes	Duplicate	0.776	ug/m3	0.284	ug/m3	Pc	Y	11/26/2025	09:28	12/10/2025	09:53
IRVSEA-2-B-20251126	2	Benzene	Blank	<0.195	ug/m3	0.195	ug/m3	ND	N	11/26/2025	09:28	12/10/2025	09:53
IRVSEA-2-B-20251126	2	Ethylbenzene	Blank	<0.284	ug/m3	0.284	ug/m3	ND	N	11/26/2025	09:28	12/10/2025	09:53
IRVSEA-2-B-20251126	2	o-Xylene	Blank	<0.284	ug/m3	0.284	ug/m3	ND	N	11/26/2025	09:28	12/10/2025	09:53
IRVSEA-2-B-20251126	2	Toluene	Blank	<0.251	ug/m3	0.251	ug/m3	ND	N	11/26/2025	09:28	12/10/2025	09:53
IRVSEA-2-B-20251126	2	m-/p-Xylenes	Blank	<0.284	ug/m3	0.284	ug/m3	ND,Pc	N	11/26/2025	09:28	12/10/2025	09:53
IRVSEA-3-S-20251126	3	Benzene	Sample	1.05	ug/m3	0.195	ug/m3		Y	11/26/2025	09:31	12/10/2025	09:55
IRVSEA-3-S-20251126	3	Ethylbenzene	Sample	0.375	ug/m3	0.284	ug/m3	J	Y	11/26/2025	09:31	12/10/2025	09:55
IRVSEA-3-S-20251126	3	o-Xylene	Sample	0.343	ug/m3	0.284	ug/m3	J	Y	11/26/2025	09:31	12/10/2025	09:55
IRVSEA-3-S-20251126	3	Toluene	Sample	2.3	ug/m3	0.251	ug/m3		Y	11/26/2025	09:31	12/10/2025	09:55
IRVSEA-3-S-20251126	3	m-/p-Xylenes	Sample	0.857	ug/m3	0.284	ug/m3	Pc	Y	11/26/2025	09:31	12/10/2025	09:55
IRVSEA-4-S-20251126	4	Benzene	Sample	1.8	ug/m3	0.195	ug/m3		Y	11/26/2025	09:35	12/10/2025	09:56
IRVSEA-4-S-20251126	4	Ethylbenzene	Sample	1.16	ug/m3	0.284	ug/m3		Y	11/26/2025	09:35	12/10/2025	09:56
IRVSEA-4-S-20251126	4	o-Xylene	Sample	1.43	ug/m3	0.284	ug/m3		Y	11/26/2025	09:35	12/10/2025	09:56
IRVSEA-4-S-20251126	4	Toluene	Sample	6.06	ug/m3	0.251	ug/m3		Y	11/26/2025	09:35	12/10/2025	09:56
IRVSEA-4-S-20251126	4	m-/p-Xylenes	Sample	3.58	ug/m3	0.284	ug/m3	Pc	Y	11/26/2025	09:35	12/10/2025	09:56
IRVSEA-5-S-20251126	5	Benzene	Sample	1.1	ug/m3	0.195	ug/m3		Y	11/26/2025	09:46	12/10/2025	10:01
IRVSEA-5-S-20251126	5	Ethylbenzene	Sample	0.652	ug/m3	0.284	ug/m3		Y	11/26/2025	09:46	12/10/2025	10:01
IRVSEA-5-S-20251126	5	o-Xylene	Sample	0.76	ug/m3	0.284	ug/m3		Y	11/26/2025	09:46	12/10/2025	10:01
IRVSEA-5-S-20251126	5	Toluene	Sample	3.56	ug/m3	0.251	ug/m3		Y	11/26/2025	09:46	12/10/2025	10:01
IRVSEA-5-S-20251126	5	m-/p-Xylenes	Sample	1.9	ug/m3	0.284	ug/m3	Pc	Y	11/26/2025	09:46	12/10/2025	10:01
IRVSEA-6-S-20251126	6	Benzene	Sample	1.47	ug/m3	0.195	ug/m3		Y	11/26/2025	09:55	12/10/2025	10:08
IRVSEA-6-S-20251126	6	Ethylbenzene	Sample	0.781	ug/m3	0.284	ug/m3		Y	11/26/2025	09:55	12/10/2025	10:08
IRVSEA-6-S-20251126	6	o-Xylene	Sample	0.922	ug/m3	0.284	ug/m3		Y	11/26/2025	09:55	12/10/2025	10:08
IRVSEA-6-S-20251126	6	Toluene	Sample	4.94	ug/m3	0.251	ug/m3		Y	11/26/2025	09:55	12/10/2025	10:08
IRVSEA-6-S-20251126	6	m-/p-Xylenes	Sample	2.29	ug/m3	0.284	ug/m3	Pc	Y	11/26/2025	09:55	12/10/2025	10:08
IRVSEA-7-S-20251126	7	Benzene	Sample	2.42	ug/m3	0.195	ug/m3		Y	11/26/2025	09:56	12/10/2025	10:13
IRVSEA-7-S-20251126	7	Ethylbenzene	Sample	1.64	ug/m3	0.284	ug/m3		Y	11/26/2025	09:56	12/10/2025	10:13
IRVSEA-7-S-20251126	7	o-Xylene	Sample	2.14	ug/m3	0.284	ug/m3		Y	11/26/2025	09:56	12/10/2025	10:13
IRVSEA-7-S-20251126	7	Toluene	Sample	9.4	ug/m3	0.251	ug/m3		Y	11/26/2025	09:56	12/10/2025	10:13
IRVSEA-7-S-20251126	7	m-/p-Xylenes	Sample	5.38	ug/m3	0.284	ug/m3	Pc	Y	11/26/2025	09:56	12/10/2025	10:13
IRVSEA-8-S-20251126	8	Benzene	Sample	3.57	ug/m3	0.195	ug/m3		Y	11/26/2025	10:00	12/10/2025	10:15

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-8-S-20251126	8	Ethylbenzene	Sample	2.49	ug/m3	0.284	ug/m3		Y	11/26/2025	10:00	12/10/2025	10:15
IRVSEA-8-S-20251126	8	o-Xylene	Sample	3.42	ug/m3	0.284	ug/m3		Y	11/26/2025	10:00	12/10/2025	10:15
IRVSEA-8-S-20251126	8	Toluene	Sample	14.4	ug/m3	0.251	ug/m3		Y	11/26/2025	10:00	12/10/2025	10:15
IRVSEA-8-S-20251126	8	m-/p-Xylenes	Sample	8.36	ug/m3	0.284	ug/m3	Pc	Y	11/26/2025	10:00	12/10/2025	10:15
IRVSEA-8-D-20251126	8	Benzene	Duplicate	3.63	ug/m3	0.195	ug/m3		Y	11/26/2025	10:00	12/10/2025	10:15
IRVSEA-8-D-20251126	8	Ethylbenzene	Duplicate	2.49	ug/m3	0.284	ug/m3		Y	11/26/2025	10:00	12/10/2025	10:15
IRVSEA-8-D-20251126	8	o-Xylene	Duplicate	3.26	ug/m3	0.284	ug/m3		Y	11/26/2025	10:00	12/10/2025	10:15
IRVSEA-8-D-20251126	8	Toluene	Duplicate	14.6	ug/m3	0.251	ug/m3		Y	11/26/2025	10:00	12/10/2025	10:15
IRVSEA-8-D-20251126	8	m-/p-Xylenes	Duplicate	8.22	ug/m3	0.284	ug/m3	Pc	Y	11/26/2025	10:00	12/10/2025	10:15
IRVSEA-8-B-20251126	8	Benzene	Blank	<0.195	ug/m3	0.195	ug/m3	ND	N	11/26/2025	10:00	12/10/2025	10:15
IRVSEA-8-B-20251126	8	Ethylbenzene	Blank	<0.284	ug/m3	0.284	ug/m3	ND	N	11/26/2025	10:00	12/10/2025	10:15
IRVSEA-8-B-20251126	8	o-Xylene	Blank	<0.284	ug/m3	0.284	ug/m3	ND	N	11/26/2025	10:00	12/10/2025	10:15
IRVSEA-8-B-20251126	8	Toluene	Blank	<0.251	ug/m3	0.251	ug/m3	ND	N	11/26/2025	10:00	12/10/2025	10:15
IRVSEA-8-B-20251126	8	m-/p-Xylenes	Blank	<0.284	ug/m3	0.284	ug/m3	ND,Pc	N	11/26/2025	10:00	12/10/2025	10:15
IRVSEA-9-S-20251126	9	Benzene	Sample	1.28	ug/m3	0.195	ug/m3		Y	11/26/2025	10:02	12/10/2025	10:21
IRVSEA-9-S-20251126	9	Ethylbenzene	Sample	0.638	ug/m3	0.284	ug/m3		Y	11/26/2025	10:02	12/10/2025	10:21
IRVSEA-9-S-20251126	9	o-Xylene	Sample	0.858	ug/m3	0.284	ug/m3		Y	11/26/2025	10:02	12/10/2025	10:21
IRVSEA-9-S-20251126	9	Toluene	Sample	4.01	ug/m3	0.251	ug/m3		Y	11/26/2025	10:02	12/10/2025	10:21
IRVSEA-9-S-20251126	9	m-/p-Xylenes	Sample	1.99	ug/m3	0.284	ug/m3	Pc	Y	11/26/2025	10:02	12/10/2025	10:21
IRVSEA-10-S-20251126	10	Benzene	Sample	1.28	ug/m3	0.195	ug/m3		Y	11/26/2025	10:04	12/10/2025	10:28
IRVSEA-10-S-20251126	10	Ethylbenzene	Sample	0.613	ug/m3	0.284	ug/m3	J	Y	11/26/2025	10:04	12/10/2025	10:28
IRVSEA-10-S-20251126	10	o-Xylene	Sample	0.836	ug/m3	0.284	ug/m3		Y	11/26/2025	10:04	12/10/2025	10:28
IRVSEA-10-S-20251126	10	Toluene	Sample	4.01	ug/m3	0.251	ug/m3		Y	11/26/2025	10:04	12/10/2025	10:28
IRVSEA-10-S-20251126	10	m-/p-Xylenes	Sample	2.02	ug/m3	0.284	ug/m3	Pc	Y	11/26/2025	10:04	12/10/2025	10:28
IRVSEA-11-S-20251126	11	Benzene	Sample	0.949	ug/m3	0.195	ug/m3		Y	11/26/2025	10:09	12/10/2025	10:31
IRVSEA-11-S-20251126	11	Ethylbenzene	Sample	0.493	ug/m3	0.284	ug/m3	J	Y	11/26/2025	10:09	12/10/2025	10:31
IRVSEA-11-S-20251126	11	o-Xylene	Sample	0.659	ug/m3	0.284	ug/m3		Y	11/26/2025	10:09	12/10/2025	10:31
IRVSEA-11-S-20251126	11	Toluene	Sample	2.78	ug/m3	0.251	ug/m3		Y	11/26/2025	10:09	12/10/2025	10:31
IRVSEA-11-S-20251126	11	m-/p-Xylenes	Sample	1.6	ug/m3	0.284	ug/m3	Pc	Y	11/26/2025	10:09	12/10/2025	10:31
IRVSEA-12-S-20251126	12	Benzene	Sample	0.732	ug/m3	0.195	ug/m3		Y	11/26/2025	10:12	12/10/2025	10:38
IRVSEA-12-S-20251126	12	Ethylbenzene	Sample	<0.284	ug/m3	0.284	ug/m3	ND	N	11/26/2025	10:12	12/10/2025	10:38
IRVSEA-12-S-20251126	12	o-Xylene	Sample	<0.284	ug/m3	0.284	ug/m3	ND	N	11/26/2025	10:12	12/10/2025	10:38

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-12-S-20251126	12	Toluene	Sample	1.4	ug/m3	0.251	ug/m3		Y	11/26/2025	10:12	12/10/2025	10:38
IRVSEA-12-S-20251126	12	m-/p-Xylenes	Sample	0.512	ug/m3	0.284	ug/m3	J,Pc	Y	11/26/2025	10:12	12/10/2025	10:38
IRVSEA-13-S-20251126	13	Benzene	Sample	0.506	ug/m3	0.195	ug/m3		Y	11/26/2025	10:15	12/10/2025	10:40
IRVSEA-13-S-20251126	13	Ethylbenzene	Sample	<0.284	ug/m3	0.284	ug/m3	ND	N	11/26/2025	10:15	12/10/2025	10:40
IRVSEA-13-S-20251126	13	o-Xylene	Sample	<0.284	ug/m3	0.284	ug/m3	ND	N	11/26/2025	10:15	12/10/2025	10:40
IRVSEA-13-S-20251126	13	Toluene	Sample	0.712	ug/m3	0.251	ug/m3		Y	11/26/2025	10:15	12/10/2025	10:40
IRVSEA-13-S-20251126	13	m-/p-Xylenes	Sample	<0.284	ug/m3	0.284	ug/m3	ND,Pc	N	11/26/2025	10:15	12/10/2025	10:40
IRVSEA-14-S-20251126	14	Benzene	Sample	0.52	ug/m3	0.195	ug/m3		Y	11/26/2025	10:17	12/10/2025	10:44
IRVSEA-14-S-20251126	14	Ethylbenzene	Sample	<0.284	ug/m3	0.284	ug/m3	ND	N	11/26/2025	10:17	12/10/2025	10:44
IRVSEA-14-S-20251126	14	o-Xylene	Sample	<0.284	ug/m3	0.284	ug/m3	ND	N	11/26/2025	10:17	12/10/2025	10:44
IRVSEA-14-S-20251126	14	Toluene	Sample	0.682	ug/m3	0.251	ug/m3		Y	11/26/2025	10:17	12/10/2025	10:44
IRVSEA-14-S-20251126	14	m-/p-Xylenes	Sample	0.3	ug/m3	0.284	ug/m3	J,Pc	Y	11/26/2025	10:17	12/10/2025	10:44
IRVSEA-15-S-20251126	15	Benzene	Sample	0.496	ug/m3	0.195	ug/m3		Y	11/26/2025	10:56	12/10/2025	11:15
IRVSEA-15-S-20251126	15	o-Xylene	Sample	<0.284	ug/m3	0.284	ug/m3	ND	N	11/26/2025	10:56	12/10/2025	11:15
IRVSEA-15-S-20251126	15	Toluene	Sample	0.579	ug/m3	0.251	ug/m3		Y	11/26/2025	10:56	12/10/2025	11:15
IRVSEA-15-S-20251126	15	Ethylbenzene	Sample	<0.284	ug/m3	0.284	ug/m3	ND	N	11/26/2025	10:56	12/10/2025	11:15
IRVSEA-15-S-20251126	15	m-/p-Xylenes	Sample	<0.284	ug/m3	0.284	ug/m3	ND,Pc	N	11/26/2025	10:56	12/10/2025	11:15
IRVSEA-16-S-20251126	16	Benzene	Sample	0.461	ug/m3	0.195	ug/m3	J	Y	11/26/2025	11:08	12/10/2025	11:22
IRVSEA-16-S-20251126	16	o-Xylene	Sample	<0.284	ug/m3	0.284	ug/m3	ND	N	11/26/2025	11:08	12/10/2025	11:22
IRVSEA-16-S-20251126	16	Toluene	Sample	0.504	ug/m3	0.251	ug/m3	J	Y	11/26/2025	11:08	12/10/2025	11:22
IRVSEA-16-S-20251126	16	Ethylbenzene	Sample	<0.284	ug/m3	0.284	ug/m3	ND	N	11/26/2025	11:08	12/10/2025	11:22
IRVSEA-16-S-20251126	16	m-/p-Xylenes	Sample	<0.284	ug/m3	0.284	ug/m3	ND,Pc	N	11/26/2025	11:08	12/10/2025	11:22
IRVSEA-17-S-20251126	17	Benzene	Sample	0.651	ug/m3	0.195	ug/m3		Y	11/26/2025	11:15	12/10/2025	11:26
IRVSEA-17-S-20251126	17	o-Xylene	Sample	<0.284	ug/m3	0.284	ug/m3	ND	N	11/26/2025	11:15	12/10/2025	11:26
IRVSEA-17-S-20251126	17	Toluene	Sample	0.702	ug/m3	0.251	ug/m3		Y	11/26/2025	11:15	12/10/2025	11:26
IRVSEA-17-S-20251126	17	Ethylbenzene	Sample	<0.284	ug/m3	0.284	ug/m3	ND	N	11/26/2025	11:15	12/10/2025	11:26
IRVSEA-17-S-20251126	17	m-/p-Xylenes	Sample	<0.284	ug/m3	0.284	ug/m3	ND,Pc	N	11/26/2025	11:15	12/10/2025	11:26
IRVSEA-1-S-20251210	1	Benzene	Sample	0.538	ug/m3	0.209	ug/m3	P	Y	12/10/2025	09:50	12/23/2025	10:27
IRVSEA-1-S-20251210	1	Ethylbenzene	Sample	<0.304	ug/m3	0.304	ug/m3	ND,Pc	N	12/10/2025	09:50	12/23/2025	10:27
IRVSEA-1-S-20251210	1	m-/p-Xylenes	Sample	0.636	ug/m3	0.304	ug/m3	J,P	Y	12/10/2025	09:50	12/23/2025	10:27
IRVSEA-1-S-20251210	1	o-Xylene	Sample	<0.304	ug/m3	0.304	ug/m3	ND,Pc	N	12/10/2025	09:50	12/23/2025	10:27
IRVSEA-1-S-20251210	1	Toluene	Sample	1	ug/m3	0.269	ug/m3	P	Y	12/10/2025	09:50	12/23/2025	10:27

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-2-S-20251210	2	Benzene	Sample	1.2	ug/m3	0.209	ug/m3	P	Y	12/10/2025	09:53	12/23/2025	10:29
IRVSEA-2-S-20251210	2	Ethylbenzene	Sample	0.535	ug/m3	0.304	ug/m3	J,Pc	Y	12/10/2025	09:53	12/23/2025	10:29
IRVSEA-2-S-20251210	2	m-p-Xylenes	Sample	1.75	ug/m3	0.304	ug/m3	P	Y	12/10/2025	09:53	12/23/2025	10:29
IRVSEA-2-S-20251210	2	o-Xylene	Sample	0.71	ug/m3	0.304	ug/m3	Pc	Y	12/10/2025	09:53	12/23/2025	10:29
IRVSEA-2-S-20251210	2	Toluene	Sample	2.65	ug/m3	0.269	ug/m3	P	Y	12/10/2025	09:53	12/23/2025	10:29
IRVSEA-2-D-20251210	2	Benzene	Duplicate	0.583	ug/m3	0.209	ug/m3	P	Y	12/10/2025	09:53	12/23/2025	10:29
IRVSEA-2-D-20251210	2	Ethylbenzene	Duplicate	<0.304	ug/m3	0.304	ug/m3	ND,Pc	N	12/10/2025	09:53	12/23/2025	10:29
IRVSEA-2-D-20251210	2	m-p-Xylenes	Duplicate	0.585	ug/m3	0.304	ug/m3	J,P	Y	12/10/2025	09:53	12/23/2025	10:29
IRVSEA-2-D-20251210	2	o-Xylene	Duplicate	<0.304	ug/m3	0.304	ug/m3	ND,Pc	N	12/10/2025	09:53	12/23/2025	10:29
IRVSEA-2-D-20251210	2	Toluene	Duplicate	1.23	ug/m3	0.269	ug/m3	P	Y	12/10/2025	09:53	12/23/2025	10:29
IRVSEA-2-B-20251210	2	Benzene	Blank	<0.209	ug/m3	0.209	ug/m3	ND,P	N	12/10/2025	09:53	12/23/2025	10:29
IRVSEA-2-B-20251210	2	Ethylbenzene	Blank	<0.304	ug/m3	0.304	ug/m3	ND,Pc	N	12/10/2025	09:53	12/23/2025	10:29
IRVSEA-2-B-20251210	2	m-p-Xylenes	Blank	<0.304	ug/m3	0.304	ug/m3	ND,P	N	12/10/2025	09:53	12/23/2025	10:29
IRVSEA-2-B-20251210	2	o-Xylene	Blank	<0.304	ug/m3	0.304	ug/m3	ND,Pc	N	12/10/2025	09:53	12/23/2025	10:29
IRVSEA-2-B-20251210	2	Toluene	Blank	<0.269	ug/m3	0.269	ug/m3	ND,P	N	12/10/2025	09:53	12/23/2025	10:29
IRVSEA-3-S-20251210	3	Benzene	Sample	0.674	ug/m3	0.209	ug/m3	P	Y	12/10/2025	09:55	12/23/2025	10:34
IRVSEA-3-S-20251210	3	Ethylbenzene	Sample	0.336	ug/m3	0.304	ug/m3	J,Pc	Y	12/10/2025	09:55	12/23/2025	10:34
IRVSEA-3-S-20251210	3	m-p-Xylenes	Sample	0.952	ug/m3	0.304	ug/m3	P	Y	12/10/2025	09:55	12/23/2025	10:34
IRVSEA-3-S-20251210	3	o-Xylene	Sample	0.372	ug/m3	0.304	ug/m3	J,Pc	Y	12/10/2025	09:55	12/23/2025	10:34
IRVSEA-3-S-20251210	3	Toluene	Sample	1.75	ug/m3	0.269	ug/m3	P	Y	12/10/2025	09:55	12/23/2025	10:34
IRVSEA-4-S-20251210	4	Benzene	Sample	0.788	ug/m3	0.209	ug/m3	P	Y	12/10/2025	09:56	12/23/2025	10:35
IRVSEA-4-S-20251210	4	Ethylbenzene	Sample	0.503	ug/m3	0.304	ug/m3	J,Pc	Y	12/10/2025	09:56	12/23/2025	10:35
IRVSEA-4-S-20251210	4	m-p-Xylenes	Sample	1.54	ug/m3	0.304	ug/m3	P	Y	12/10/2025	09:56	12/23/2025	10:35
IRVSEA-4-S-20251210	4	o-Xylene	Sample	0.617	ug/m3	0.304	ug/m3	J,Pc	Y	12/10/2025	09:56	12/23/2025	10:35
IRVSEA-4-S-20251210	4	Toluene	Sample	2.65	ug/m3	0.269	ug/m3	P	Y	12/10/2025	09:56	12/23/2025	10:35
IRVSEA-5-S-20251210	5	Benzene	Sample	0.798	ug/m3	0.209	ug/m3	P	Y	12/10/2025	10:01	12/23/2025	10:37
IRVSEA-5-S-20251210	5	Ethylbenzene	Sample	0.527	ug/m3	0.304	ug/m3	J,Pc	Y	12/10/2025	10:01	12/23/2025	10:37
IRVSEA-5-S-20251210	5	m-p-Xylenes	Sample	1.85	ug/m3	0.304	ug/m3	P	Y	12/10/2025	10:01	12/23/2025	10:37
IRVSEA-5-S-20251210	5	o-Xylene	Sample	0.692	ug/m3	0.304	ug/m3	Pc	Y	12/10/2025	10:01	12/23/2025	10:37
IRVSEA-5-S-20251210	5	Toluene	Sample	2.6	ug/m3	0.269	ug/m3	P	Y	12/10/2025	10:01	12/23/2025	10:37
IRVSEA-6-S-20251210	6	Benzene	Sample	0.697	ug/m3	0.209	ug/m3	P	Y	12/10/2025	10:08	12/23/2025	10:40
IRVSEA-6-S-20251210	6	Ethylbenzene	Sample	0.435	ug/m3	0.304	ug/m3	J,Pc	Y	12/10/2025	10:08	12/23/2025	10:40

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-6-S-20251210	6	m-/p-Xylenes	Sample	1.28	ug/m3	0.304	ug/m3	P	Y	12/10/2025	10:08	12/23/2025	10:40
IRVSEA-6-S-20251210	6	o-Xylene	Sample	0.498	ug/m3	0.304	ug/m3	J,Pc	Y	12/10/2025	10:08	12/23/2025	10:40
IRVSEA-6-S-20251210	6	Toluene	Sample	2.21	ug/m3	0.269	ug/m3	P	Y	12/10/2025	10:08	12/23/2025	10:40
IRVSEA-7-S-20251210	7	Benzene	Sample	1.29	ug/m3	0.209	ug/m3	P	Y	12/10/2025	10:13	12/23/2025	10:42
IRVSEA-7-S-20251210	7	Ethylbenzene	Sample	0.997	ug/m3	0.304	ug/m3	Pc	Y	12/10/2025	10:13	12/23/2025	10:42
IRVSEA-7-S-20251210	7	m-/p-Xylenes	Sample	3.36	ug/m3	0.304	ug/m3	P	Y	12/10/2025	10:13	12/23/2025	10:42
IRVSEA-7-S-20251210	7	o-Xylene	Sample	1.26	ug/m3	0.304	ug/m3	Pc	Y	12/10/2025	10:13	12/23/2025	10:42
IRVSEA-7-S-20251210	7	Toluene	Sample	5.02	ug/m3	0.269	ug/m3	P	Y	12/10/2025	10:13	12/23/2025	10:42
IRVSEA-8-S-20251210	8	Benzene	Sample	1.27	ug/m3	0.209	ug/m3	P	Y	12/10/2025	10:15	12/23/2025	10:45
IRVSEA-8-S-20251210	8	Ethylbenzene	Sample	1.22	ug/m3	0.304	ug/m3	Pc	Y	12/10/2025	10:15	12/23/2025	10:45
IRVSEA-8-S-20251210	8	m-/p-Xylenes	Sample	4.67	ug/m3	0.304	ug/m3	P	Y	12/10/2025	10:15	12/23/2025	10:45
IRVSEA-8-S-20251210	8	o-Xylene	Sample	1.79	ug/m3	0.304	ug/m3	Pc	Y	12/10/2025	10:15	12/23/2025	10:45
IRVSEA-8-S-20251210	8	Toluene	Sample	5.73	ug/m3	0.269	ug/m3	P	Y	12/10/2025	10:15	12/23/2025	10:45
IRVSEA-8-D-20251210	8	Benzene	Duplicate	1.31	ug/m3	0.209	ug/m3	P	Y	12/10/2025	10:15	12/23/2025	10:45
IRVSEA-8-D-20251210	8	Ethylbenzene	Duplicate	1.23	ug/m3	0.304	ug/m3	Pc	Y	12/10/2025	10:15	12/23/2025	10:45
IRVSEA-8-D-20251210	8	m-/p-Xylenes	Duplicate	4.18	ug/m3	0.304	ug/m3	P	Y	12/10/2025	10:15	12/23/2025	10:45
IRVSEA-8-D-20251210	8	o-Xylene	Duplicate	1.61	ug/m3	0.304	ug/m3	Pc	Y	12/10/2025	10:15	12/23/2025	10:45
IRVSEA-8-D-20251210	8	Toluene	Duplicate	5.88	ug/m3	0.269	ug/m3	P	Y	12/10/2025	10:15	12/23/2025	10:45
IRVSEA-8-B-20251210	8	Benzene	Blank	<0.209	ug/m3	0.209	ug/m3	ND,P	N	12/10/2025	10:15	12/23/2025	10:45
IRVSEA-8-B-20251210	8	Ethylbenzene	Blank	<0.304	ug/m3	0.304	ug/m3	ND,Pc	N	12/10/2025	10:15	12/23/2025	10:45
IRVSEA-8-B-20251210	8	m-/p-Xylenes	Blank	<0.304	ug/m3	0.304	ug/m3	ND,P	N	12/10/2025	10:15	12/23/2025	10:45
IRVSEA-8-B-20251210	8	o-Xylene	Blank	<0.304	ug/m3	0.304	ug/m3	ND,Pc	N	12/10/2025	10:15	12/23/2025	10:45
IRVSEA-8-B-20251210	8	Toluene	Blank	<0.269	ug/m3	0.269	ug/m3	ND,P	N	12/10/2025	10:15	12/23/2025	10:45
IRVSEA-9-S-20251210	9	Benzene	Sample	0.67	ug/m3	0.209	ug/m3	P	Y	12/10/2025	10:21	12/23/2025	10:51
IRVSEA-9-S-20251210	9	Ethylbenzene	Sample	0.309	ug/m3	0.304	ug/m3	J,Pc	Y	12/10/2025	10:21	12/23/2025	10:51
IRVSEA-9-S-20251210	9	m-/p-Xylenes	Sample	0.9	ug/m3	0.304	ug/m3	P	Y	12/10/2025	10:21	12/23/2025	10:51
IRVSEA-9-S-20251210	9	o-Xylene	Sample	0.36	ug/m3	0.304	ug/m3	J,Pc	Y	12/10/2025	10:21	12/23/2025	10:51
IRVSEA-9-S-20251210	9	Toluene	Sample	1.62	ug/m3	0.269	ug/m3	P	Y	12/10/2025	10:21	12/23/2025	10:51
IRVSEA-10-S-20251210	10	Benzene	Sample	0.69	ug/m3	0.21	ug/m3	P	Y	12/10/2025	10:28	12/23/2025	10:05
IRVSEA-10-S-20251210	10	Ethylbenzene	Sample	0.404	ug/m3	0.305	ug/m3	J,Pc	Y	12/10/2025	10:28	12/23/2025	10:05
IRVSEA-10-S-20251210	10	m-/p-Xylenes	Sample	1.19	ug/m3	0.305	ug/m3	P	Y	12/10/2025	10:28	12/23/2025	10:05
IRVSEA-10-S-20251210	10	o-Xylene	Sample	0.468	ug/m3	0.305	ug/m3	J,Pc	Y	12/10/2025	10:28	12/23/2025	10:05

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-10-S-20251210	10	Toluene	Sample	2.04	ug/m3	0.27	ug/m3	P	Y	12/10/2025	10:28	12/23/2025	10:05
IRVSEA-11-S-20251210	11	Benzene	Sample	0.626	ug/m3	0.209	ug/m3	P	Y	12/10/2025	10:31	12/23/2025	10:55
IRVSEA-11-S-20251210	11	Ethylbenzene	Sample	0.35	ug/m3	0.304	ug/m3	J,Pc	Y	12/10/2025	10:31	12/23/2025	10:55
IRVSEA-11-S-20251210	11	m-/p-Xylenes	Sample	1.22	ug/m3	0.304	ug/m3	P	Y	12/10/2025	10:31	12/23/2025	10:55
IRVSEA-11-S-20251210	11	o-Xylene	Sample	0.478	ug/m3	0.304	ug/m3	J,Pc	Y	12/10/2025	10:31	12/23/2025	10:55
IRVSEA-11-S-20251210	11	Toluene	Sample	1.85	ug/m3	0.269	ug/m3	P	Y	12/10/2025	10:31	12/23/2025	10:55
IRVSEA-12-S-20251210	12	Benzene	Sample	0.539	ug/m3	0.209	ug/m3	P	Y	12/10/2025	10:38	12/23/2025	11:02
IRVSEA-12-S-20251210	12	Ethylbenzene	Sample	<0.304	ug/m3	0.304	ug/m3	ND,Pc	N	12/10/2025	10:38	12/23/2025	11:02
IRVSEA-12-S-20251210	12	m-/p-Xylenes	Sample	0.688	ug/m3	0.304	ug/m3	J,P	Y	12/10/2025	10:38	12/23/2025	11:02
IRVSEA-12-S-20251210	12	o-Xylene	Sample	<0.304	ug/m3	0.304	ug/m3	ND,Pc	N	12/10/2025	10:38	12/23/2025	11:02
IRVSEA-12-S-20251210	12	Toluene	Sample	1.26	ug/m3	0.269	ug/m3	P	Y	12/10/2025	10:38	12/23/2025	11:02
IRVSEA-13-S-20251210	13	Benzene	Sample	0.515	ug/m3	0.209	ug/m3	P	Y	12/10/2025	10:40	12/23/2025	11:04
IRVSEA-13-S-20251210	13	Ethylbenzene	Sample	<0.304	ug/m3	0.304	ug/m3	ND,Pc	N	12/10/2025	10:40	12/23/2025	11:04
IRVSEA-13-S-20251210	13	m-/p-Xylenes	Sample	0.457	ug/m3	0.304	ug/m3	J,P	Y	12/10/2025	10:40	12/23/2025	11:04
IRVSEA-13-S-20251210	13	o-Xylene	Sample	<0.304	ug/m3	0.304	ug/m3	ND,Pc	N	12/10/2025	10:40	12/23/2025	11:04
IRVSEA-13-S-20251210	13	Toluene	Sample	0.957	ug/m3	0.269	ug/m3	P	Y	12/10/2025	10:40	12/23/2025	11:04
IRVSEA-14-S-20251210	14	Benzene	Sample	0.598	ug/m3	0.209	ug/m3	P	Y	12/10/2025	10:44	12/23/2025	11:07
IRVSEA-14-S-20251210	14	Ethylbenzene	Sample	<0.304	ug/m3	0.304	ug/m3	ND,Pc	N	12/10/2025	10:44	12/23/2025	11:07
IRVSEA-14-S-20251210	14	m-/p-Xylenes	Sample	<0.304	ug/m3	0.304	ug/m3	ND,P	N	12/10/2025	10:44	12/23/2025	11:07
IRVSEA-14-S-20251210	14	o-Xylene	Sample	<0.304	ug/m3	0.304	ug/m3	ND,Pc	N	12/10/2025	10:44	12/23/2025	11:07
IRVSEA-14-S-20251210	14	Toluene	Sample	0.839	ug/m3	0.269	ug/m3	P	Y	12/10/2025	10:44	12/23/2025	11:07
IRVSEA-15-S-20251210	15	Benzene	Sample	0.458	ug/m3	0.209	ug/m3	J,P	Y	12/10/2025	11:15	12/23/2025	11:18
IRVSEA-15-S-20251210	15	Ethylbenzene	Sample	<0.305	ug/m3	0.305	ug/m3	ND,Pc	N	12/10/2025	11:15	12/23/2025	11:18
IRVSEA-15-S-20251210	15	m-/p-Xylenes	Sample	<0.305	ug/m3	0.305	ug/m3	ND,P	N	12/10/2025	11:15	12/23/2025	11:18
IRVSEA-15-S-20251210	15	o-Xylene	Sample	<0.305	ug/m3	0.305	ug/m3	ND,Pc	N	12/10/2025	11:15	12/23/2025	11:18
IRVSEA-15-S-20251210	15	Toluene	Sample	0.462	ug/m3	0.27	ug/m3	J,P	Y	12/10/2025	11:15	12/23/2025	11:18
IRVSEA-16-S-20251210	16	Benzene	Sample	0.354	ug/m3	0.209	ug/m3	J,P	Y	12/10/2025	11:22	12/23/2025	11:20
IRVSEA-16-S-20251210	16	Ethylbenzene	Sample	<0.305	ug/m3	0.305	ug/m3	ND,Pc	N	12/10/2025	11:22	12/23/2025	11:20
IRVSEA-16-S-20251210	16	m-/p-Xylenes	Sample	<0.305	ug/m3	0.305	ug/m3	ND,P	N	12/10/2025	11:22	12/23/2025	11:20
IRVSEA-16-S-20251210	16	o-Xylene	Sample	<0.305	ug/m3	0.305	ug/m3	ND,Pc	N	12/10/2025	11:22	12/23/2025	11:20
IRVSEA-16-S-20251210	16	Toluene	Sample	0.385	ug/m3	0.27	ug/m3	J,P	Y	12/10/2025	11:22	12/23/2025	11:20
IRVSEA-17-S-20251210	17	Benzene	Sample	0.423	ug/m3	0.209	ug/m3	J,P	Y	12/10/2025	11:26	12/23/2025	11:23

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-17-S-20251210	17	Ethylbenzene	Sample	<0.305	ug/m3	0.305	ug/m3	ND,Pc	N	12/10/2025	11:26	12/23/2025	11:23
IRVSEA-17-S-20251210	17	m-/p-Xylenes	Sample	<0.305	ug/m3	0.305	ug/m3	ND,P	N	12/10/2025	11:26	12/23/2025	11:23
IRVSEA-17-S-20251210	17	o-Xylene	Sample	<0.305	ug/m3	0.305	ug/m3	ND,Pc	N	12/10/2025	11:26	12/23/2025	11:23
IRVSEA-17-S-20251210	17	Toluene	Sample	0.463	ug/m3	0.27	ug/m3	J,P	Y	12/10/2025	11:26	12/23/2025	11:23

FLM DATA FLAG ABBREVIATIONS - EPA METHOD 325B

FLAG	EXPLANATION
ND	The analyte was not present above the Method Detection Limit
J	Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
D	Sample duration outside 14 +/- 1 days
P	Field duplicate(s) exceed 30%RPD
Pc	Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit

Note: Meteorological data flagged ND was not available from the airport. Missing data can be due to instrument maintenance, instrument malfunction, data transmission issues, or other factors resulting in missing data.

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (9/18/25 8:00 to 10/2/25 10:00)**

Date & Time	Wind Speed	Wind Direction	Temperature	Barometric Pressure
	m/s	Deg.	°C	mb
9/18/25 8:00	3.1	188	15.7	1008
9/18/25 9:00	3.0	176	16.9	1008
9/18/25 10:00	2.6	189	18.5	1007
9/18/25 11:00	2.5	171	20.6	1007
9/18/25 12:00	3.1	189	22.4	1006
9/18/25 13:00	3.3	208	24.0	1005
9/18/25 14:00	4.3	182	24.6	1004
9/18/25 15:00	3.7	186	24.6	1003
9/18/25 16:00	5.0	185	24.1	1003
9/18/25 17:00	4.7	192	22.6	1003
9/18/25 18:00	4.4	177	20.3	1003
9/18/25 19:00	3.3	185	18.2	1003
9/18/25 20:00	2.9	187	17.1	1003
9/18/25 21:00	3.0	190	16.9	1003
9/18/25 22:00	3.1	196	16.1	1002
9/18/25 23:00	2.1	203	15.8	1002
9/19/25 0:00	1.7	203	14.2	1002
9/19/25 1:00	0.8	215	12.6	1002
9/19/25 2:00	1.4	198	13.5	1002
9/19/25 3:00	1.9	265	14.6	1002
9/19/25 4:00	3.1	270	15.7	1002
9/19/25 5:00	2.5	282	15.9	1002
9/19/25 6:00	1.8	326	14.8	1003
9/19/25 7:00	1.9	322	16.2	1004
9/19/25 8:00	6.1	330	18.2	1005
9/19/25 9:00	5.9	330	19.0	1005
9/19/25 10:00	7.1	325	20.2	1005
9/19/25 11:00	6.2	317	20.8	1005
9/19/25 12:00	6.5	327	21.1	1005
9/19/25 13:00	6.3	326	21.9	1005
9/19/25 14:00	6.3	320	22.0	1005
9/19/25 15:00	6.4	317	22.0	1005
9/19/25 16:00	6.2	316	21.3	1006
9/19/25 17:00	8.2	334	19.8	1007
9/19/25 18:00	4.4	327	16.7	1008
9/19/25 19:00	4.5	318	14.9	1009
9/19/25 20:00	4.7	319	13.5	1010
9/19/25 21:00	4.5	316	13.0	1011
9/19/25 22:00	3.6	312	12.1	1012
9/19/25 23:00	3.3	344	9.8	1013
9/20/25 0:00	1.5	326	7.7	1014

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (9/18/25 8:00 to 10/2/25 10:00)**

9/20/25 1:00	1.5	320	7.0	1015
9/20/25 2:00	2.7	328	5.7	1015
9/20/25 3:00	ND	ND	5.5	1015
9/20/25 4:00	ND	ND	3.4	1015
9/20/25 5:00	1.8	276	3.4	1016
9/20/25 6:00	1.9	296	3.4	1017
9/20/25 7:00	2.7	281	5.7	1017
9/20/25 8:00	2.5	273	8.4	1018
9/20/25 9:00	2.9	306	11.3	1018
9/20/25 10:00	3.5	316	12.8	1018
9/20/25 11:00	4.2	296	13.8	1017
9/20/25 12:00	3.8	296	15.3	1017
9/20/25 13:00	3.4	288	16.9	1017
9/20/25 14:00	4.1	307	18.0	1016
9/20/25 15:00	4.8	315	18.9	1016
9/20/25 16:00	4.4	323	18.9	1017
9/20/25 17:00	3.0	308	18.3	1017
9/20/25 18:00	2.3	304	14.7	1017
9/20/25 19:00	2.2	308	13.4	1018
9/20/25 20:00	1.5	260	9.9	1019
9/20/25 21:00	ND	ND	8.2	1019
9/20/25 22:00	1.5	255	6.9	1020
9/20/25 23:00	ND	ND	6.3	1021
9/21/25 0:00	ND	ND	5.8	1021
9/21/25 1:00	1.5	312	4.4	1021
9/21/25 2:00	1.5	310	3.8	1021
9/21/25 3:00	1.9	316	2.8	1021
9/21/25 4:00	1.5	220	2.5	1022
9/21/25 5:00	1.8	204	2.1	1022
9/21/25 6:00	1.5	190	1.7	1022
9/21/25 7:00	ND	ND	4.3	1022
9/21/25 8:00	ND	ND	8.0	1022
9/21/25 9:00	0.9	190	11.6	1022
9/21/25 10:00	2.6	175	14.5	1022
9/21/25 11:00	3.4	188	16.6	1022
9/21/25 12:00	3.3	179	17.9	1021
9/21/25 13:00	3.9	179	18.9	1020
9/21/25 14:00	2.5	148	18.9	1020
9/21/25 15:00	5.7	184	18.9	1019
9/21/25 16:00	5.7	178	18.1	1018
9/21/25 17:00	6.1	181	16.9	1018
9/21/25 18:00	6.5	180	14.8	1018
9/21/25 19:00	4.4	184	13.3	1018
9/21/25 20:00	3.4	187	12.4	1018

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (9/18/25 8:00 to 10/2/25 10:00)**

9/21/25 21:00	2.3	182	11.2	1017
9/21/25 22:00	1.8	190	9.7	1017
9/21/25 23:00	1.1	214	8.2	1016
9/22/25 0:00	1.7	181	7.8	1016
9/22/25 1:00	1.9	178	8.6	1016
9/22/25 2:00	1.9	172	7.3	1016
9/22/25 3:00	2.2	175	7.6	1016
9/22/25 4:00	2.2	151	7.9	1015
9/22/25 5:00	1.8	171	8.1	1015
9/22/25 6:00	1.5	164	7.9	1015
9/22/25 7:00	2.0	166	8.5	1015
9/22/25 8:00	3.3	188	10.9	1015
9/22/25 9:00	4.1	190	14.6	1014
9/22/25 10:00	4.7	207	16.8	1014
9/22/25 11:00	5.3	193	18.7	1013
9/22/25 12:00	4.8	177	19.1	1013
9/22/25 13:00	5.4	171	20.2	1012
9/22/25 14:00	5.5	182	20.0	1011
9/22/25 15:00	6.4	177	19.7	1010
9/22/25 16:00	5.7	174	18.4	1010
9/22/25 17:00	6.2	181	16.9	1009
9/22/25 18:00	4.1	172	15.7	1009
9/22/25 19:00	4.0	178	14.4	1009
9/22/25 20:00	3.5	179	13.9	1009
9/22/25 21:00	2.9	195	13.5	1009
9/22/25 22:00	2.3	188	13.0	1009
9/22/25 23:00	2.4	200	13.1	1008
9/23/25 0:00	2.6	188	13.0	1008
9/23/25 1:00	3.4	193	14.0	1008
9/23/25 2:00	2.6	203	14.7	1008
9/23/25 3:00	1.9	195	15.0	1007
9/23/25 4:00	2.2	179	15.0	1007
9/23/25 5:00	2.2	192	15.0	1007
9/23/25 6:00	1.5	185	14.8	1007
9/23/25 7:00	1.2	232	15.7	1007
9/23/25 8:00	1.5	246	16.0	1008
9/23/25 9:00	1.4	ND	17.0	1008
9/23/25 10:00	1.5	60	18.6	1008
9/23/25 11:00	ND	ND	20.6	1007
9/23/25 12:00	1.5	36	21.7	1007
9/23/25 13:00	2.0	303	21.9	1007
9/23/25 14:00	1.4	292	22.0	1006
9/23/25 15:00	2.1	329	21.7	1006
9/23/25 16:00	2.8	354	20.2	1007

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (9/18/25 8:00 to 10/2/25 10:00)**

9/23/25 17:00	1.7	347	19.7	1007
9/23/25 18:00	0.8	310	18.6	1008
9/23/25 19:00	ND	ND	18.1	1008
9/23/25 20:00	ND	ND	17.9	1008
9/23/25 21:00	1.7	273	17.7	1008
9/23/25 22:00	ND	ND	15.8	1009
9/23/25 23:00	1.5	210	15.1	1009
9/24/25 0:00	ND	ND	14.0	1010
9/24/25 1:00	1.7	333	14.0	1010
9/24/25 2:00	1.8	340	13.5	1010
9/24/25 3:00	2.3	358	14.5	1010
9/24/25 4:00	2.7	13	14.7	1011
9/24/25 5:00	3.6	18	14.9	1012
9/24/25 6:00	3.6	16	14.9	1013
9/24/25 7:00	3.4	11	15.0	1014
9/24/25 8:00	4.0	22	15.7	1014
9/24/25 9:00	4.0	36	15.8	1014
9/24/25 10:00	3.3	40	15.9	1015
9/24/25 11:00	3.6	69	16.4	1015
9/24/25 12:00	3.2	70	16.6	1015
9/24/25 13:00	3.4	42	16.4	1015
9/24/25 14:00	2.6	59	15.9	1015
9/24/25 15:00	2.5	91	15.9	1015
9/24/25 16:00	1.7	112	16.0	1015
9/24/25 17:00	1.8	152	16.0	1016
9/24/25 18:00	1.9	159	15.9	1015
9/24/25 19:00	1.6	161	15.3	1015
9/24/25 20:00	1.8	219	14.2	1016
9/24/25 21:00	ND	ND	12.9	1016
9/24/25 22:00	0.8	130	12.0	1016
9/24/25 23:00	ND	ND	11.4	1016
9/25/25 0:00	ND	ND	11.8	1016
9/25/25 1:00	ND	ND	12.4	1016
9/25/25 2:00	ND	ND	12.6	1015
9/25/25 3:00	ND	ND	12.8	1014
9/25/25 4:00	ND	ND	12.5	1014
9/25/25 5:00	0.0	ND	12.6	1014
9/25/25 6:00	1.9	98	12.7	1014
9/25/25 7:00	1.7	120	13.2	1014
9/25/25 8:00	1.8	105	14.0	1013
9/25/25 9:00	2.1	121	15.0	1013
9/25/25 10:00	3.9	138	16.7	1012
9/25/25 11:00	5.2	140	17.0	1011
9/25/25 12:00	4.8	151	16.9	1010

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (9/18/25 8:00 to 10/2/25 10:00)**

9/25/25 13:00	5.1	141	16.5	1009
9/25/25 14:00	4.6	142	16.0	1008
9/25/25 15:00	5.7	129	15.8	1006
9/25/25 16:00	3.6	142	15.9	1006
9/25/25 17:00	3.8	116	15.9	1005
9/25/25 18:00	3.4	119	15.9	1003
9/25/25 19:00	3.4	125	16.0	1002
9/25/25 20:00	3.6	131	16.7	1000
9/25/25 21:00	3.6	136	17.2	999
9/25/25 22:00	3.9	184	17.9	997
9/25/25 23:00	7.1	180	18.8	996
9/26/25 0:00	6.2	179	18.3	995
9/26/25 1:00	5.1	182	18.9	994
9/26/25 2:00	3.2	233	19.3	994
9/26/25 3:00	2.8	266	17.9	994
9/26/25 4:00	1.8	252	16.7	994
9/26/25 5:00	2.0	234	16.0	995
9/26/25 6:00	1.9	223	16.0	996
9/26/25 7:00	2.1	236	16.6	997
9/26/25 8:00	2.2	263	17.8	997
9/26/25 9:00	2.2	266	19.0	998
9/26/25 10:00	2.5	264	20.2	998
9/26/25 11:00	3.9	285	21.6	999
9/26/25 12:00	4.7	310	23.3	999
9/26/25 13:00	2.9	277	23.9	998
9/26/25 14:00	4.1	275	24.3	998
9/26/25 15:00	3.3	251	25.0	998
9/26/25 16:00	3.4	245	24.9	998
9/26/25 17:00	2.0	242	22.9	999
9/26/25 18:00	1.9	260	21.0	999
9/26/25 19:00	1.6	255	19.7	1000
9/26/25 20:00	1.5	259	18.5	1000
9/26/25 21:00	1.8	259	17.1	1001
9/26/25 22:00	1.5	263	16.8	1001
9/26/25 23:00	3.2	302	17.6	1002
9/27/25 0:00	3.5	301	17.1	1003
9/27/25 1:00	4.5	314	15.6	1003
9/27/25 2:00	3.1	305	14.3	1004
9/27/25 3:00	2.2	292	13.0	1004
9/27/25 4:00	2.3	277	11.5	1005
9/27/25 5:00	1.5	250	9.0	1005
9/27/25 6:00	2.5	275	10.7	1006
9/27/25 7:00	2.3	264	12.4	1007
9/27/25 8:00	2.5	313	14.3	1008

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (9/18/25 8:00 to 10/2/25 10:00)**

9/27/25 9:00	4.3	311	17.0	1008
9/27/25 10:00	5.3	314	18.1	1008
9/27/25 11:00	4.3	317	19.1	1008
9/27/25 12:00	4.0	311	19.8	1007
9/27/25 13:00	3.9	302	21.1	1007
9/27/25 14:00	3.5	264	21.4	1007
9/27/25 15:00	3.5	255	21.9	1006
9/27/25 16:00	2.8	251	21.8	1006
9/27/25 17:00	2.1	234	19.9	1007
9/27/25 18:00	2.6	179	16.8	1007
9/27/25 19:00	2.9	177	15.4	1007
9/27/25 20:00	1.8	179	14.0	1008
9/27/25 21:00	2.0	187	13.9	1008
9/27/25 22:00	2.9	200	14.0	1008
9/27/25 23:00	2.0	177	13.9	1008
9/28/25 0:00	2.2	183	14.0	1008
9/28/25 1:00	1.6	187	14.1	1008
9/28/25 2:00	2.7	185	14.7	1008
9/28/25 3:00	2.4	188	14.0	1007
9/28/25 4:00	2.0	206	14.0	1007
9/28/25 5:00	2.0	184	14.0	1007
9/28/25 6:00	2.5	181	14.4	1007
9/28/25 7:00	3.5	191	15.8	1007
9/28/25 8:00	3.2	199	16.6	1007
9/28/25 9:00	4.1	200	18.5	1007
9/28/25 10:00	4.8	208	21.5	1007
9/28/25 11:00	4.6	188	23.7	1006
9/28/25 12:00	5.0	210	25.8	1005
9/28/25 13:00	5.1	218	26.9	1005
9/28/25 14:00	5.6	232	27.3	1004
9/28/25 15:00	5.2	231	26.8	1004
9/28/25 16:00	4.3	281	26.1	1005
9/28/25 17:00	5.4	303	24.8	1006
9/28/25 18:00	4.4	310	23.0	1007
9/28/25 19:00	3.4	319	20.4	1008
9/28/25 20:00	3.4	315	19.1	1009
9/28/25 21:00	2.8	303	17.8	1010
9/28/25 22:00	2.7	288	16.9	1011
9/28/25 23:00	2.2	272	14.9	1011
9/29/25 0:00	2.4	266	13.7	1012
9/29/25 1:00	2.7	247	12.0	1012
9/29/25 2:00	2.4	255	13.2	1013
9/29/25 3:00	2.1	245	10.9	1013
9/29/25 4:00	2.6	244	11.2	1013

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (9/18/25 8:00 to 10/2/25 10:00)**

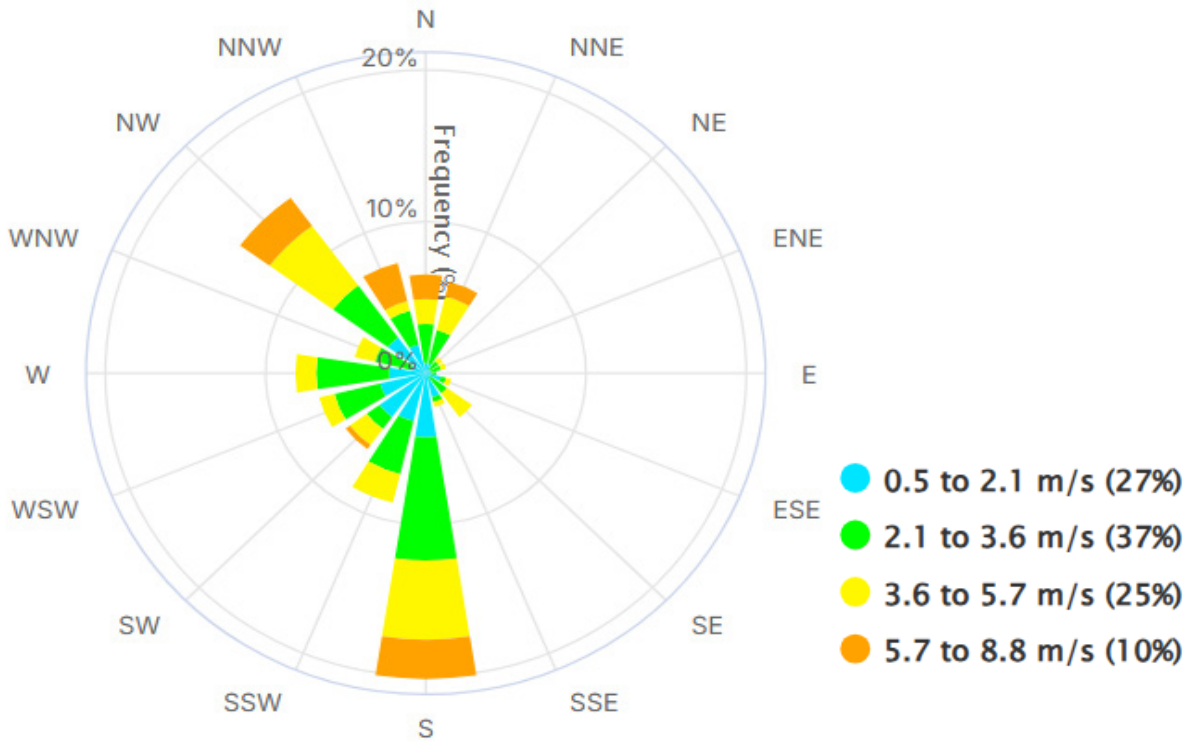
9/29/25 5:00	1.5	222	9.0	1013
9/29/25 6:00	1.8	231	9.4	1014
9/29/25 7:00	1.8	207	11.5	1014
9/29/25 8:00	2.2	214	14.9	1014
9/29/25 9:00	2.7	256	18.5	1014
9/29/25 10:00	3.9	256	21.4	1014
9/29/25 11:00	3.7	260	23.0	1014
9/29/25 12:00	3.8	263	24.1	1013
9/29/25 13:00	6.1	215	25.6	1012
9/29/25 14:00	5.0	239	25.9	1011
9/29/25 15:00	4.6	244	25.9	1010
9/29/25 16:00	3.7	228	25.6	1010
9/29/25 17:00	3.5	228	23.9	1010
9/29/25 18:00	2.1	210	22.3	1010
9/29/25 19:00	1.5	208	19.6	1010
9/29/25 20:00	1.5	227	16.2	1010
9/29/25 21:00	1.5	220	14.9	1010
9/29/25 22:00	1.8	210	14.0	1010
9/29/25 23:00	ND	ND	13.0	1010
9/30/25 0:00	1.9	264	13.0	1011
9/30/25 1:00	2.2	335	13.2	1011
9/30/25 2:00	4.0	22	13.9	1011
9/30/25 3:00	2.5	33	13.0	1012
9/30/25 4:00	2.0	11	11.9	1012
9/30/25 5:00	ND	ND	10.0	1012
9/30/25 6:00	ND	ND	9.0	1013
9/30/25 7:00	ND	ND	9.9	1014
9/30/25 8:00	2.1	24	14.4	1014
9/30/25 9:00	2.4	14	16.7	1014
9/30/25 10:00	3.1	358	18.3	1014
9/30/25 11:00	3.9	337	19.3	1013
9/30/25 12:00	6.1	320	20.7	1013
9/30/25 13:00	6.6	334	21.0	1012
9/30/25 14:00	6.5	335	21.4	1012
9/30/25 15:00	8.3	333	20.9	1012
9/30/25 16:00	6.8	348	19.8	1012
9/30/25 17:00	6.6	2	18.3	1013
9/30/25 18:00	5.6	9	16.0	1014
9/30/25 19:00	4.8	356	14.3	1014
9/30/25 20:00	3.1	346	12.4	1015
9/30/25 21:00	4.5	18	12.0	1016
9/30/25 22:00	4.3	22	11.0	1016
9/30/25 23:00	2.5	11	9.5	1016
10/1/25 0:00	3.2	333	8.1	1016

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (9/18/25 8:00 to 10/2/25 10:00)**

10/1/25 1:00	3.1	327	7.5	1016
10/1/25 2:00	2.2	326	6.4	1015
10/1/25 3:00	ND	ND	5.2	1015
10/1/25 4:00	2.0	357	4.1	1015
10/1/25 5:00	ND	ND	3.9	1016
10/1/25 6:00	3.1	350	3.1	1016
10/1/25 7:00	1.9	337	5.5	1016
10/1/25 8:00	3.7	352	8.8	1016
10/1/25 9:00	8.2	12	11.4	1017
10/1/25 10:00	6.0	12	12.3	1016
10/1/25 11:00	5.6	9	13.8	1016
10/1/25 12:00	7.1	357	14.2	1016
10/1/25 13:00	7.4	10	15.2	1016
10/1/25 14:00	8.2	13	14.9	1016
10/1/25 15:00	7.2	16	15.0	1016
10/1/25 16:00	8.2	358	14.2	1016
10/1/25 17:00	5.6	15	13.3	1016
10/1/25 18:00	3.6	28	11.5	1018
10/1/25 19:00	2.9	8	9.7	1018
10/1/25 20:00	3.2	13	9.0	1019
10/1/25 21:00	3.7	351	8.3	1020
10/1/25 22:00	3.5	341	7.1	1021
10/1/25 23:00	4.2	348	6.7	1021
10/2/25 0:00	4.1	354	6.6	1022
10/2/25 1:00	3.4	341	5.1	1022
10/2/25 2:00	1.9	330	3.8	1022
10/2/25 3:00	2.1	333	2.4	1022
10/2/25 4:00	2.4	333	2.5	1023
10/2/25 5:00	ND	ND	1.8	1023
10/2/25 6:00	ND	ND	1.0	1024
10/2/25 7:00	ND	ND	2.2	1025
10/2/25 8:00	1.4	1	6.9	1025
10/2/25 9:00	2.2	11	9.2	1025
10/2/25 10:00	3.0	20	11.4	1025

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (9/18/25 8:00 to 10/2/25 10:00)

BGR Wind Rose 9/18/25 8:00 - 10/2/25 10:00



IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (10/2/25 8:00 to 10/16/25 10:00)

Date & Time	Wind Speed	Wind Direction	Temperature	Barometric Pressure
	m/s	Deg.	°C	mb
10/2/25 8:00	1.4	1	6.9	1025
10/2/25 9:00	2.2	11	9.2	1025
10/2/25 10:00	3.0	20	11.4	1025
10/2/25 11:00	2.9	25	12.7	1025
10/2/25 12:00	2.6	17	13.7	1024
10/2/25 13:00	2.8	339	15.2	1023
10/2/25 14:00	3.1	334	16.0	1023
10/2/25 15:00	2.4	329	16.2	1022
10/2/25 16:00	1.6	330	16.1	1022
10/2/25 17:00	0.0	ND	13.9	1022
10/2/25 18:00	1.6	201	11.2	1022
10/2/25 19:00	2.3	199	11.2	1022
10/2/25 20:00	2.8	199	10.7	1022
10/2/25 21:00	2.4	195	9.0	1022
10/2/25 22:00	2.2	191	8.0	1022
10/2/25 23:00	1.7	196	7.1	1022
10/3/25 0:00	2.4	189	7.1	1021
10/3/25 1:00	3.0	188	7.7	1021
10/3/25 2:00	2.6	193	7.3	1020
10/3/25 3:00	2.2	196	6.9	1020
10/3/25 4:00	1.7	202	5.0	1020
10/3/25 5:00	ND	ND	3.8	1019
10/3/25 6:00	ND	ND	3.5	1019
10/3/25 7:00	1.9	190	5.8	1019
10/3/25 8:00	2.3	197	9.0	1019
10/3/25 9:00	1.7	200	11.7	1019
10/3/25 10:00	1.5	212	14.2	1018
10/3/25 11:00	2.1	246	17.5	1017
10/3/25 12:00	2.6	228	19.5	1016
10/3/25 13:00	3.0	183	21.1	1015
10/3/25 14:00	3.7	178	21.0	1014
10/3/25 15:00	5.1	175	20.6	1013
10/3/25 16:00	3.9	167	19.4	1013
10/3/25 17:00	2.6	178	18.1	1013
10/3/25 18:00	2.7	182	15.7	1012
10/3/25 19:00	2.1	195	13.8	1012
10/3/25 20:00	2.7	188	12.8	1012
10/3/25 21:00	2.2	201	12.0	1012
10/3/25 22:00	1.5	216	9.3	1012
10/3/25 23:00	1.0	196	8.8	1012
10/4/25 0:00	0.0	ND	8.0	1012

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (10/2/25 8:00 to 10/16/25 10:00)

10/4/25 1:00	1.5	175	7.6	1012
10/4/25 2:00	0.0	200	7.6	1012
10/4/25 3:00	ND	ND	7.1	1011
10/4/25 4:00	0.0	230	7.5	1012
10/4/25 5:00	ND	ND	8.0	1012
10/4/25 6:00	0.8	217	7.6	1012
10/4/25 7:00	ND	ND	9.9	1013
10/4/25 8:00	1.1	304	12.0	1013
10/4/25 9:00	2.3	272	14.6	1013
10/4/25 10:00	1.3	277	17.4	1013
10/4/25 11:00	2.2	304	20.2	1013
10/4/25 12:00	1.8	32	21.6	1012
10/4/25 13:00	1.5	28	22.8	1012
10/4/25 14:00	2.0	349	23.6	1011
10/4/25 15:00	2.6	15	24.2	1011
10/4/25 16:00	2.4	21	23.9	1012
10/4/25 17:00	2.6	348	22.0	1012
10/4/25 18:00	1.5	317	17.6	1013
10/4/25 19:00	1.5	184	15.0	1014
10/4/25 20:00	2.1	110	13.4	1015
10/4/25 21:00	1.5	340	13.1	1015
10/4/25 22:00	1.5	330	12.6	1015
10/4/25 23:00	2.2	341	12.3	1016
10/5/25 0:00	1.6	330	10.7	1016
10/5/25 1:00	1.5	220	9.5	1016
10/5/25 2:00	0.7	235	8.4	1016
10/5/25 3:00	ND	ND	8.2	1016
10/5/25 4:00	1.5	330	7.2	1017
10/5/25 5:00	1.5	200	7.1	1017
10/5/25 6:00	0.0	ND	6.9	1018
10/5/25 7:00	1.5	350	7.8	1018
10/5/25 8:00	ND	ND	11.5	1019
10/5/25 9:00	ND	ND	14.0	1019
10/5/25 10:00	2.0	189	17.9	1018
10/5/25 11:00	1.8	173	20.8	1017
10/5/25 12:00	3.2	172	23.3	1017
10/5/25 13:00	3.3	168	25.4	1016
10/5/25 14:00	3.5	188	26.8	1016
10/5/25 15:00	4.2	171	26.0	1015
10/5/25 16:00	4.8	186	24.3	1015
10/5/25 17:00	3.0	175	22.4	1015
10/5/25 18:00	3.2	182	20.2	1015
10/5/25 19:00	2.3	191	18.4	1016
10/5/25 20:00	2.6	184	17.8	1016

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (10/2/25 8:00 to 10/16/25 10:00)

10/5/25 21:00	2.4	190	17.1	1016
10/5/25 22:00	1.7	201	16.6	1015
10/5/25 23:00	1.5	217	15.9	1015
10/6/25 0:00	1.4	199	14.7	1015
10/6/25 1:00	1.5	200	12.9	1015
10/6/25 2:00	1.7	201	14.3	1015
10/6/25 3:00	2.1	200	13.8	1015
10/6/25 4:00	ND	ND	12.0	1015
10/6/25 5:00	1.5	210	11.7	1015
10/6/25 6:00	ND	ND	11.3	1015
10/6/25 7:00	0.8	200	13.0	1016
10/6/25 8:00	1.9	212	16.5	1016
10/6/25 9:00	1.2	201	19.2	1015
10/6/25 10:00	1.8	204	22.6	1016
10/6/25 11:00	1.8	186	25.1	1015
10/6/25 12:00	2.5	174	27.1	1014
10/6/25 13:00	3.2	167	28.2	1013
10/6/25 14:00	5.8	180	28.3	1013
10/6/25 15:00	5.1	177	27.8	1012
10/6/25 16:00	5.5	180	26.5	1012
10/6/25 17:00	4.9	184	23.7	1012
10/6/25 18:00	4.5	183	20.9	1012
10/6/25 19:00	4.4	185	18.5	1012
10/6/25 20:00	4.2	186	17.9	1012
10/6/25 21:00	3.0	194	17.5	1012
10/6/25 22:00	3.3	194	16.9	1012
10/6/25 23:00	3.1	186	16.5	1012
10/7/25 0:00	2.7	185	15.9	1012
10/7/25 1:00	2.5	186	15.8	1011
10/7/25 2:00	2.4	190	14.9	1011
10/7/25 3:00	2.0	199	14.4	1011
10/7/25 4:00	2.4	195	14.0	1011
10/7/25 5:00	2.2	193	13.7	1011
10/7/25 6:00	1.9	185	13.0	1011
10/7/25 7:00	2.5	187	13.6	1011
10/7/25 8:00	2.9	186	15.8	1012
10/7/25 9:00	3.1	178	17.9	1012
10/7/25 10:00	3.8	183	19.8	1011
10/7/25 11:00	4.4	176	21.4	1011
10/7/25 12:00	4.4	178	23.2	1010
10/7/25 13:00	6.3	182	23.9	1009
10/7/25 14:00	5.5	183	23.9	1008
10/7/25 15:00	6.9	178	22.2	1008
10/7/25 16:00	5.9	177	20.9	1008

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (10/2/25 8:00 to 10/16/25 10:00)

10/7/25 17:00	4.9	177	18.8	1008
10/7/25 18:00	3.7	178	18.0	1007
10/7/25 19:00	4.7	184	17.9	1008
10/7/25 20:00	3.7	187	17.9	1007
10/7/25 21:00	2.1	189	17.9	1007
10/7/25 22:00	3.9	172	17.9	1006
10/7/25 23:00	5.0	168	17.9	1006
10/8/25 0:00	4.1	174	17.9	1005
10/8/25 1:00	4.4	174	17.9	1004
10/8/25 2:00	5.6	175	17.9	1004
10/8/25 3:00	6.1	189	18.0	1003
10/8/25 4:00	6.3	194	18.9	1003
10/8/25 5:00	5.4	187	18.6	1003
10/8/25 6:00	4.6	194	18.6	1003
10/8/25 7:00	5.6	176	18.0	1003
10/8/25 8:00	3.8	188	17.9	1003
10/8/25 9:00	5.8	343	15.7	1003
10/8/25 10:00	6.5	345	14.0	1004
10/8/25 11:00	5.9	348	13.2	1005
10/8/25 12:00	6.9	350	12.3	1005
10/8/25 13:00	7.0	353	12.0	1006
10/8/25 14:00	6.1	352	12.1	1007
10/8/25 15:00	6.7	345	12.0	1007
10/8/25 16:00	3.9	339	12.3	1008
10/8/25 17:00	4.6	339	12.3	1008
10/8/25 18:00	3.3	328	10.6	1009
10/8/25 19:00	2.9	319	9.3	1010
10/8/25 20:00	3.5	330	8.0	1011
10/8/25 21:00	4.8	330	8.6	1012
10/8/25 22:00	4.5	326	7.5	1012
10/8/25 23:00	4.3	322	6.8	1013
10/9/25 0:00	5.1	320	6.6	1013
10/9/25 1:00	4.7	322	5.9	1014
10/9/25 2:00	3.9	314	5.8	1014
10/9/25 3:00	3.7	300	4.5	1015
10/9/25 4:00	4.1	299	4.0	1015
10/9/25 5:00	3.9	303	3.1	1016
10/9/25 6:00	4.5	313	3.4	1017
10/9/25 7:00	5.5	310	4.1	1018
10/9/25 8:00	6.5	315	5.9	1019
10/9/25 9:00	6.8	321	7.6	1019
10/9/25 10:00	9.2	328	9.1	1020
10/9/25 11:00	8.0	333	10.4	1020
10/9/25 12:00	8.1	349	11.6	1020

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (10/2/25 8:00 to 10/16/25 10:00)

10/9/25 13:00	7.1	338	11.9	1020
10/9/25 14:00	6.7	326	12.7	1019
10/9/25 15:00	7.6	336	11.5	1020
10/9/25 16:00	6.5	330	11.9	1020
10/9/25 17:00	5.8	324	10.8	1020
10/9/25 18:00	2.8	310	8.8	1021
10/9/25 19:00	3.1	297	7.5	1022
10/9/25 20:00	3.4	293	6.9	1022
10/9/25 21:00	3.3	306	6.4	1023
10/9/25 22:00	1.8	309	4.1	1024
10/9/25 23:00	1.5	220	2.7	1024
10/10/25 0:00	1.5	200	1.5	1025
10/10/25 1:00	2.2	261	0.9	1025
10/10/25 2:00	2.1	270	0.3	1025
10/10/25 3:00	0.9	266	0.5	1025
10/10/25 4:00	ND	ND	-1.1	1025
10/10/25 5:00	0.0	ND	-1.4	1025
10/10/25 6:00	ND	ND	-1.9	1025
10/10/25 7:00	2.1	230	-0.4	1025
10/10/25 8:00	2.1	231	3.4	1026
10/10/25 9:00	2.6	243	6.8	1025
10/10/25 10:00	2.9	257	9.8	1025
10/10/25 11:00	2.9	254	11.5	1024
10/10/25 12:00	3.7	260	12.7	1023
10/10/25 13:00	3.9	213	13.5	1022
10/10/25 14:00	4.7	217	13.9	1021
10/10/25 15:00	4.2	221	13.9	1020
10/10/25 16:00	4.9	181	13.1	1019
10/10/25 17:00	4.3	173	11.5	1019
10/10/25 18:00	3.9	185	9.9	1019
10/10/25 19:00	4.9	195	8.9	1019
10/10/25 20:00	3.3	190	8.0	1019
10/10/25 21:00	2.5	185	7.1	1018
10/10/25 22:00	1.8	176	5.5	1018
10/10/25 23:00	1.7	192	5.2	1018
10/11/25 0:00	2.0	188	5.9	1018
10/11/25 1:00	2.0	188	5.4	1018
10/11/25 2:00	1.3	205	4.7	1017
10/11/25 3:00	1.6	212	5.5	1017
10/11/25 4:00	1.8	195	5.6	1017
10/11/25 5:00	1.5	198	3.2	1017
10/11/25 6:00	ND	ND	2.1	1017
10/11/25 7:00	ND	ND	2.8	1017
10/11/25 8:00	2.2	185	7.5	1018

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (10/2/25 8:00 to 10/16/25 10:00)

10/11/25 9:00	1.4	210	9.7	1018
10/11/25 10:00	2.5	226	12.4	1017
10/11/25 11:00	2.2	220	15.0	1017
10/11/25 12:00	3.0	256	16.9	1017
10/11/25 13:00	1.8	272	17.7	1016
10/11/25 14:00	2.3	264	18.0	1016
10/11/25 15:00	2.3	268	18.0	1016
10/11/25 16:00	2.1	274	17.7	1016
10/11/25 17:00	2.5	182	16.1	1016
10/11/25 18:00	3.1	177	13.4	1017
10/11/25 19:00	2.2	188	11.5	1017
10/11/25 20:00	0.5	187	8.8	1018
10/11/25 21:00	ND	ND	7.2	1019
10/11/25 22:00	ND	ND	6.2	1019
10/11/25 23:00	1.5	ND	5.5	1020
10/12/25 0:00	0.0	ND	5.2	1019
10/12/25 1:00	1.8	357	4.0	1020
10/12/25 2:00	1.8	8	4.5	1020
10/12/25 3:00	1.4	351	3.9	1020
10/12/25 4:00	2.2	0	3.3	1019
10/12/25 5:00	3.0	13	4.0	1020
10/12/25 6:00	3.2	13	4.0	1020
10/12/25 7:00	3.6	15	4.8	1021
10/12/25 8:00	3.4	24	7.1	1021
10/12/25 9:00	3.4	44	11.5	1021
10/12/25 10:00	4.2	76	14.2	1022
10/12/25 11:00	4.4	71	15.9	1022
10/12/25 12:00	4.5	77	16.6	1021
10/12/25 13:00	4.9	77	16.9	1021
10/12/25 14:00	5.0	81	16.8	1020
10/12/25 15:00	4.8	75	16.0	1020
10/12/25 16:00	4.9	94	15.2	1020
10/12/25 17:00	2.7	98	13.4	1021
10/12/25 18:00	2.4	63	12.8	1021
10/12/25 19:00	3.1	50	12.0	1021
10/12/25 20:00	3.6	53	11.9	1021
10/12/25 21:00	3.2	48	11.1	1021
10/12/25 22:00	3.8	37	11.0	1021
10/12/25 23:00	3.7	35	9.3	1021
10/13/25 0:00	4.0	32	9.0	1020
10/13/25 1:00	3.7	18	8.9	1020
10/13/25 2:00	3.8	20	8.3	1020
10/13/25 3:00	3.4	10	8.0	1020
10/13/25 4:00	3.2	9	7.5	1020

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (10/2/25 8:00 to 10/16/25 10:00)

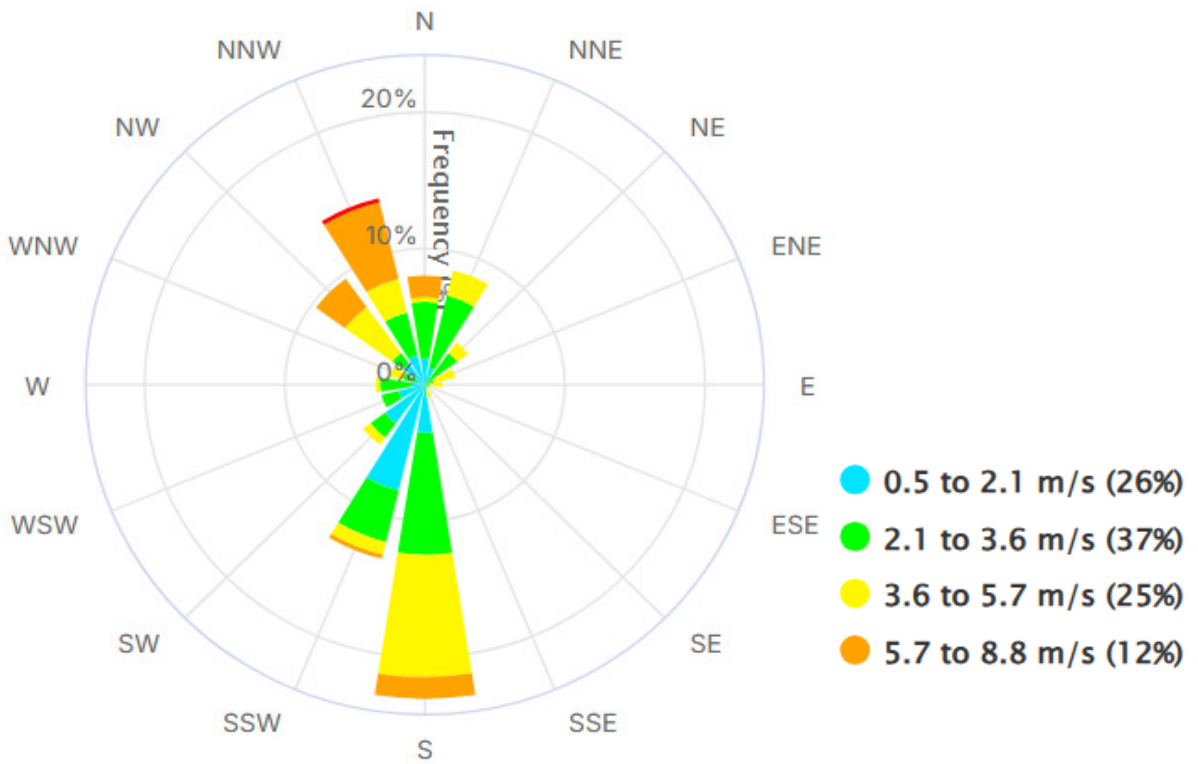
10/13/25 5:00	2.2	4	7.0	1020
10/13/25 6:00	3.4	9	7.0	1021
10/13/25 7:00	4.1	7	7.0	1021
10/13/25 8:00	5.1	24	7.1	1021
10/13/25 9:00	5.2	19	7.7	1021
10/13/25 10:00	3.9	37	8.7	1021
10/13/25 11:00	3.4	49	9.8	1021
10/13/25 12:00	3.6	68	11.5	1020
10/13/25 13:00	4.0	82	12.1	1020
10/13/25 14:00	3.2	48	13.0	1019
10/13/25 15:00	3.3	46	13.9	1018
10/13/25 16:00	3.1	50	13.9	1018
10/13/25 17:00	3.3	40	12.9	1018
10/13/25 18:00	2.4	33	12.5	1018
10/13/25 19:00	2.4	16	12.0	1018
10/13/25 20:00	2.5	21	11.6	1018
10/13/25 21:00	3.2	26	10.9	1018
10/13/25 22:00	3.2	31	10.9	1018
10/13/25 23:00	3.1	13	10.9	1017
10/14/25 0:00	2.7	16	10.4	1017
10/14/25 1:00	2.1	30	9.9	1016
10/14/25 2:00	2.0	27	10.0	1016
10/14/25 3:00	2.3	20	9.9	1015
10/14/25 4:00	2.9	10	9.4	1015
10/14/25 5:00	2.6	7	9.2	1015
10/14/25 6:00	2.3	360	8.6	1015
10/14/25 7:00	2.7	349	8.5	1015
10/14/25 8:00	2.9	357	10.3	1015
10/14/25 9:00	2.9	9	11.9	1015
10/14/25 10:00	2.0	23	12.9	1014
10/14/25 11:00	1.9	0	14.4	1013
10/14/25 12:00	1.8	326	15.8	1013
10/14/25 13:00	2.7	350	16.8	1012
10/14/25 14:00	2.8	346	16.9	1011
10/14/25 15:00	2.5	332	16.7	1011
10/14/25 16:00	2.6	359	16.0	1010
10/14/25 17:00	1.5	338	15.3	1010
10/14/25 18:00	1.1	304	13.6	1010
10/14/25 19:00	1.9	251	13.0	1010
10/14/25 20:00	1.9	234	12.6	1010
10/14/25 21:00	1.5	260	11.2	1009
10/14/25 22:00	1.6	224	11.0	1008
10/14/25 23:00	1.6	226	11.0	1008
10/15/25 0:00	2.0	243	10.9	1008

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (10/2/25 8:00 to 10/16/25 10:00)

10/15/25 1:00	2.4	240	10.4	1007
10/15/25 2:00	2.1	239	8.6	1006
10/15/25 3:00	2.1	240	8.4	1005
10/15/25 4:00	1.5	320	6.5	1005
10/15/25 5:00	0.5	330	6.5	1005
10/15/25 6:00	ND	ND	5.9	1005
10/15/25 7:00	1.6	300	8.2	1005
10/15/25 8:00	1.6	314	10.5	1005
10/15/25 9:00	4.1	333	13.1	1005
10/15/25 10:00	6.0	332	14.2	1004
10/15/25 11:00	4.6	308	13.3	1004
10/15/25 12:00	6.2	315	13.0	1003
10/15/25 13:00	6.9	321	12.9	1003
10/15/25 14:00	6.8	320	12.3	1003
10/15/25 15:00	6.5	328	12.1	1003
10/15/25 16:00	6.9	335	11.7	1003
10/15/25 17:00	6.8	331	10.6	1003
10/15/25 18:00	6.2	330	9.7	1003
10/15/25 19:00	6.0	332	9.0	1003
10/15/25 20:00	4.3	331	8.9	1003
10/15/25 21:00	5.7	329	8.7	1003
10/15/25 22:00	5.9	329	8.0	1003
10/15/25 23:00	5.4	323	8.0	1003
10/16/25 0:00	5.4	325	7.9	1002
10/16/25 1:00	4.7	317	7.8	1002
10/16/25 2:00	5.8	320	7.0	1001
10/16/25 3:00	4.9	321	7.0	1001
10/16/25 4:00	5.1	320	7.1	1001
10/16/25 5:00	5.3	327	7.7	1001
10/16/25 6:00	4.9	334	7.9	1001
10/16/25 7:00	5.3	348	7.3	1001
10/16/25 8:00	7.1	351	6.9	1001
10/16/25 9:00	7.7	344	6.1	1002
10/16/25 10:00	7.0	348	7.0	1002

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (10/2/25 8:00 to 10/16/25 10:00)

BGR Wind Rose 10/2/25 8:00 - 10/16/25 10:00



IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (11/26/25 9:00 to 12/10/25 10:00)

Date & Time	Wind Speed	Wind Direction	Temperature	Barometric Pressure
	m/s	Deg.	°C	mb
11/26/25 9:00	1.5	340	9.0	1002
11/26/25 10:00	1.8	337	9.8	1001
11/26/25 11:00	1.9	333	9.3	1000
11/26/25 12:00	2.9	344	9.0	1000
11/26/25 13:00	2.0	342	9.0	999
11/26/25 14:00	0.9	358	8.9	1000
11/26/25 15:00	2.9	355	8.4	1000
11/26/25 16:00	3.2	7	7.6	1000
11/26/25 17:00	2.7	25	7.0	1000
11/26/25 18:00	2.2	15	7.0	999
11/26/25 19:00	3.0	3	6.8	999
11/26/25 20:00	2.2	24	6.0	998
11/26/25 21:00	1.8	22	6.0	997
11/26/25 22:00	2.4	359	5.9	996
11/26/25 23:00	2.6	1	5.9	995
11/27/25 0:00	2.0	14	5.8	994
11/27/25 1:00	1.1	317	5.8	993
11/27/25 2:00	2.8	304	5.8	993
11/27/25 3:00	5.3	320	5.3	994
11/27/25 4:00	3.6	310	5.0	995
11/27/25 5:00	6.0	318	3.5	996
11/27/25 6:00	3.3	311	3.3	996
11/27/25 7:00	1.6	273	2.9	997
11/27/25 8:00	1.8	247	3.5	997
11/27/25 9:00	2.8	282	5.5	998
11/27/25 10:00	3.0	265	6.4	998
11/27/25 11:00	3.8	295	6.7	998
11/27/25 12:00	3.9	247	6.6	998
11/27/25 13:00	4.0	245	6.6	998
11/27/25 14:00	3.4	255	6.9	998
11/27/25 15:00	2.0	274	5.9	999
11/27/25 16:00	1.4	244	3.0	999
11/27/25 17:00	1.7	249	3.3	999
11/27/25 18:00	1.5	210	2.6	999
11/27/25 19:00	1.7	226	2.9	999
11/27/25 20:00	1.6	167	2.6	999
11/27/25 21:00	1.7	185	2.9	998
11/27/25 22:00	2.4	184	2.9	998
11/27/25 23:00	3.2	192	2.3	998
11/28/25 0:00	1.9	194	1.9	997
11/28/25 1:00	2.2	190	1.9	997

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (11/26/25 9:00 to 12/10/25 10:00)

11/28/25 2:00	2.0	195	1.8	997
11/28/25 3:00	1.5	192	0.4	997
11/28/25 4:00	2.1	159	-1.5	997
11/28/25 5:00	2.0	162	-1.0	996
11/28/25 6:00	2.1	189	-2.0	996
11/28/25 7:00	2.3	186	-1.2	996
11/28/25 8:00	3.0	190	0.6	996
11/28/25 9:00	3.9	205	2.0	996
11/28/25 10:00	3.3	207	2.6	995
11/28/25 11:00	2.8	191	3.0	994
11/28/25 12:00	3.4	250	3.4	994
11/28/25 13:00	3.3	249	3.7	994
11/28/25 14:00	2.9	254	3.3	994
11/28/25 15:00	2.0	261	0.8	995
11/28/25 16:00	1.8	247	-0.6	996
11/28/25 17:00	2.1	245	-1.1	997
11/28/25 18:00	2.6	263	-1.3	998
11/28/25 19:00	3.6	261	-1.2	999
11/28/25 20:00	2.5	263	-2.0	1000
11/28/25 21:00	2.6	241	-2.1	1001
11/28/25 22:00	3.4	240	-2.1	1001
11/28/25 23:00	3.6	241	-1.9	1002
11/29/25 0:00	3.8	243	-1.7	1003
11/29/25 1:00	3.3	251	-1.1	1004
11/29/25 2:00	2.8	239	-1.1	1006
11/29/25 3:00	3.9	243	-1.1	1006
11/29/25 4:00	3.4	254	-1.1	1007
11/29/25 5:00	2.8	256	-1.1	1008
11/29/25 6:00	3.1	255	-1.1	1009
11/29/25 7:00	3.1	259	-1.1	1010
11/29/25 8:00	3.0	261	-0.8	1011
11/29/25 9:00	4.2	287	0.4	1012
11/29/25 10:00	6.1	297	1.2	1012
11/29/25 11:00	6.7	287	1.6	1013
11/29/25 12:00	6.5	293	1.2	1014
11/29/25 13:00	5.6	297	1.0	1015
11/29/25 14:00	5.4	297	1.4	1016
11/29/25 15:00	4.8	299	0.9	1018
11/29/25 16:00	3.5	300	0.2	1019
11/29/25 17:00	3.6	299	-1.0	1020
11/29/25 18:00	2.4	280	-1.3	1021
11/29/25 19:00	2.5	286	-1.9	1022
11/29/25 20:00	1.8	273	-2.2	1023
11/29/25 21:00	1.5	275	-2.9	1023

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (11/26/25 9:00 to 12/10/25 10:00)

11/29/25 22:00	1.8	277	-3.6	1024
11/29/25 23:00	2.3	240	-3.9	1024
11/30/25 0:00	2.4	266	-4.1	1025
11/30/25 1:00	1.2	265	-5.7	1025
11/30/25 2:00	1.5	150	-7.0	1025
11/30/25 3:00	ND	ND	-6.9	1025
11/30/25 4:00	ND	ND	-6.4	1026
11/30/25 5:00	2.1	ND	-5.9	1026
11/30/25 6:00	0.0	130	-5.4	1025
11/30/25 7:00	ND	ND	-4.2	1025
11/30/25 8:00	ND	ND	-3.4	1025
11/30/25 9:00	2.1	124	-2.1	1024
11/30/25 10:00	1.9	113	-1.0	1022
11/30/25 11:00	2.6	120	0.3	1021
11/30/25 12:00	3.3	131	0.9	1019
11/30/25 13:00	2.9	134	1.5	1017
11/30/25 14:00	2.1	141	1.2	1016
11/30/25 15:00	4.5	153	2.8	1014
11/30/25 16:00	4.9	163	2.9	1013
11/30/25 17:00	4.5	157	3.5	1012
11/30/25 18:00	4.6	161	4.3	1010
11/30/25 19:00	4.8	168	5.5	1008
11/30/25 20:00	4.6	188	6.4	1007
11/30/25 21:00	2.3	204	6.3	1006
11/30/25 22:00	1.7	246	5.8	1006
11/30/25 23:00	2.3	250	4.9	1006
12/1/25 0:00	1.6	224	3.7	1005
12/1/25 1:00	1.7	217	2.5	1005
12/1/25 2:00	1.8	197	1.7	1005
12/1/25 3:00	1.6	222	1.3	1005
12/1/25 4:00	1.1	261	1.5	1005
12/1/25 5:00	2.5	260	1.8	1006
12/1/25 6:00	2.0	246	1.4	1007
12/1/25 7:00	2.4	235	1.3	1008
12/1/25 8:00	3.0	270	2.4	1008
12/1/25 9:00	4.9	284	3.0	1009
12/1/25 10:00	8.0	304	2.0	1011
12/1/25 11:00	7.1	310	1.9	1012
12/1/25 12:00	7.3	308	1.9	1013
12/1/25 13:00	9.5	312	1.0	1014
12/1/25 14:00	6.0	309	-0.3	1015
12/1/25 15:00	5.5	316	-1.6	1016
12/1/25 16:00	5.0	318	-2.8	1017
12/1/25 17:00	4.2	307	-3.2	1018

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (11/26/25 9:00 to 12/10/25 10:00)

12/1/25 18:00	3.8	310	-4.2	1018
12/1/25 19:00	4.1	309	-5.1	1019
12/1/25 20:00	4.4	320	-5.6	1019
12/1/25 21:00	2.8	302	-6.4	1020
12/1/25 22:00	2.5	320	-7.8	1020
12/1/25 23:00	0.7	310	-8.3	1020
12/2/25 0:00	1.5	320	-9.0	1019
12/2/25 1:00	ND	ND	-9.1	1019
12/2/25 2:00	1.5	90	-8.2	1019
12/2/25 3:00	1.5	85	-8.0	1018
12/2/25 4:00	ND	ND	-8.0	1017
12/2/25 5:00	1.5	175	-7.3	1018
12/2/25 6:00	1.9	113	-7.0	1017
12/2/25 7:00	2.1	77	-6.6	1016
12/2/25 8:00	1.2	38	-6.0	1016
12/2/25 9:00	2.3	15	-5.2	1014
12/2/25 10:00	3.0	357	-4.9	1013
12/2/25 11:00	3.1	352	-4.8	1012
12/2/25 12:00	3.4	347	-4.3	1011
12/2/25 13:00	3.2	352	-4.1	1010
12/2/25 14:00	2.5	349	-4.2	1010
12/2/25 15:00	3.2	2	-4.2	1009
12/2/25 16:00	3.6	10	-4.5	1008
12/2/25 17:00	3.2	17	-4.6	1007
12/2/25 18:00	3.0	14	-4.2	1005
12/2/25 19:00	2.9	10	-4.2	1004
12/2/25 20:00	3.8	7	-4.1	1004
12/2/25 21:00	5.0	7	-4.1	1002
12/2/25 22:00	5.7	8	-4.1	1001
12/2/25 23:00	6.5	10	-4.9	1000
12/3/25 0:00	6.9	9	-4.6	999
12/3/25 1:00	7.5	5	-4.2	998
12/3/25 2:00	7.4	359	-4.1	998
12/3/25 3:00	7.9	353	-4.1	998
12/3/25 4:00	5.3	352	-3.3	999
12/3/25 5:00	7.0	345	-3.1	1000
12/3/25 6:00	5.3	337	-3.1	1001
12/3/25 7:00	5.2	335	-3.0	1002
12/3/25 8:00	5.3	325	-3.0	1003
12/3/25 9:00	3.1	322	-2.8	1004
12/3/25 10:00	3.2	318	-2.0	1005
12/3/25 11:00	3.2	305	-2.0	1005
12/3/25 12:00	4.0	311	-1.4	1006
12/3/25 13:00	2.5	287	-1.0	1006

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (11/26/25 9:00 to 12/10/25 10:00)

12/3/25 14:00	2.5	312	-1.6	1006
12/3/25 15:00	2.1	299	-2.0	1007
12/3/25 16:00	1.9	302	-3.7	1008
12/3/25 17:00	1.5	285	-6.9	1008
12/3/25 18:00	1.5	137	-5.7	1008
12/3/25 19:00	1.5	188	-4.8	1008
12/3/25 20:00	1.5	190	-6.1	1008
12/3/25 21:00	1.5	170	-6.3	1008
12/3/25 22:00	1.6	157	-4.8	1007
12/3/25 23:00	1.5	240	-4.6	1007
12/4/25 0:00	0.9	ND	-4.6	1006
12/4/25 1:00	1.5	185	-4.1	1006
12/4/25 2:00	2.4	191	-3.3	1005
12/4/25 3:00	2.7	194	-3.0	1004
12/4/25 4:00	2.6	199	-3.1	1004
12/4/25 5:00	1.7	199	-3.1	1003
12/4/25 6:00	2.3	210	-2.1	1003
12/4/25 7:00	2.3	228	-2.1	1002
12/4/25 8:00	3.0	220	-1.4	1002
12/4/25 9:00	3.7	228	-1.1	1001
12/4/25 10:00	1.5	237	-1.0	1000
12/4/25 11:00	2.3	217	-0.5	999
12/4/25 12:00	2.8	263	0.2	999
12/4/25 13:00	6.0	312	-0.9	999
12/4/25 14:00	6.6	322	-2.0	1000
12/4/25 15:00	6.0	328	-3.3	1001
12/4/25 16:00	7.2	312	-4.2	1002
12/4/25 17:00	4.4	298	-5.8	1004
12/4/25 18:00	6.1	301	-7.2	1005
12/4/25 19:00	8.4	303	-9.4	1007
12/4/25 20:00	7.6	301	-11.2	1008
12/4/25 21:00	5.9	306	-12.4	1010
12/4/25 22:00	7.6	307	-13.8	1011
12/4/25 23:00	6.9	306	-14.6	1012
12/5/25 0:00	4.9	315	-15.6	1013
12/5/25 1:00	3.4	301	-16.0	1014
12/5/25 2:00	2.6	278	-16.2	1015
12/5/25 3:00	2.8	288	-16.2	1016
12/5/25 4:00	2.3	265	-17.0	1016
12/5/25 5:00	2.0	259	-17.1	1016
12/5/25 6:00	1.9	280	-17.2	1017
12/5/25 7:00	1.8	265	-17.2	1018
12/5/25 8:00	2.5	285	-15.7	1018
12/5/25 9:00	2.3	293	-13.8	1018

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (11/26/25 9:00 to 12/10/25 10:00)

12/5/25 10:00	2.2	230	-12.4	1017
12/5/25 11:00	1.7	247	-11.1	1017
12/5/25 12:00	2.2	249	-10.4	1016
12/5/25 13:00	1.9	231	-9.0	1015
12/5/25 14:00	1.5	20	-8.7	1014
12/5/25 15:00	2.7	184	-8.9	1014
12/5/25 16:00	0.0	140	-11.9	1013
12/5/25 17:00	1.5	193	-13.1	1013
12/5/25 18:00	ND	ND	-14.9	1012
12/5/25 19:00	1.5	10	-13.3	1011
12/5/25 20:00	1.5	360	-13.2	1011
12/5/25 21:00	0.0	210	-14.1	1011
12/5/25 22:00	ND	ND	-15.7	1011
12/5/25 23:00	ND	ND	-17.1	1010
12/6/25 0:00	1.5	340	-17.6	1009
12/6/25 1:00	1.5	347	-17.1	1009
12/6/25 2:00	1.9	336	-17.2	1008
12/6/25 3:00	1.1	243	-17.9	1008
12/6/25 4:00	1.5	183	-16.9	1008
12/6/25 5:00	1.5	210	-16.0	1008
12/6/25 6:00	1.0	307	-14.8	1007
12/6/25 7:00	1.9	8	-13.8	1007
12/6/25 8:00	2.0	339	-12.7	1007
12/6/25 9:00	1.6	336	-11.4	1007
12/6/25 10:00	1.8	333	-9.8	1006
12/6/25 11:00	ND	ND	-9.1	1005
12/6/25 12:00	ND	ND	-8.8	1005
12/6/25 13:00	ND	ND	-8.0	1004
12/6/25 14:00	1.5	320	-7.4	1003
12/6/25 15:00	1.5	340	-7.0	1003
12/6/25 16:00	ND	ND	-6.5	1003
12/6/25 17:00	1.5	328	-6.7	1003
12/6/25 18:00	1.5	ND	-6.1	1003
12/6/25 19:00	0.5	285	-6.0	1003
12/6/25 20:00	1.7	299	-6.1	1004
12/6/25 21:00	1.5	340	-6.1	1003
12/6/25 22:00	ND	ND	-6.0	1003
12/6/25 23:00	ND	ND	-6.4	1004
12/7/25 0:00	1.5	168	-7.6	1003
12/7/25 1:00	1.5	260	-10.0	1004
12/7/25 2:00	ND	ND	-11.6	1005
12/7/25 3:00	ND	ND	-12.4	1006
12/7/25 4:00	2.3	291	-9.9	1007
12/7/25 5:00	2.3	264	-8.6	1008

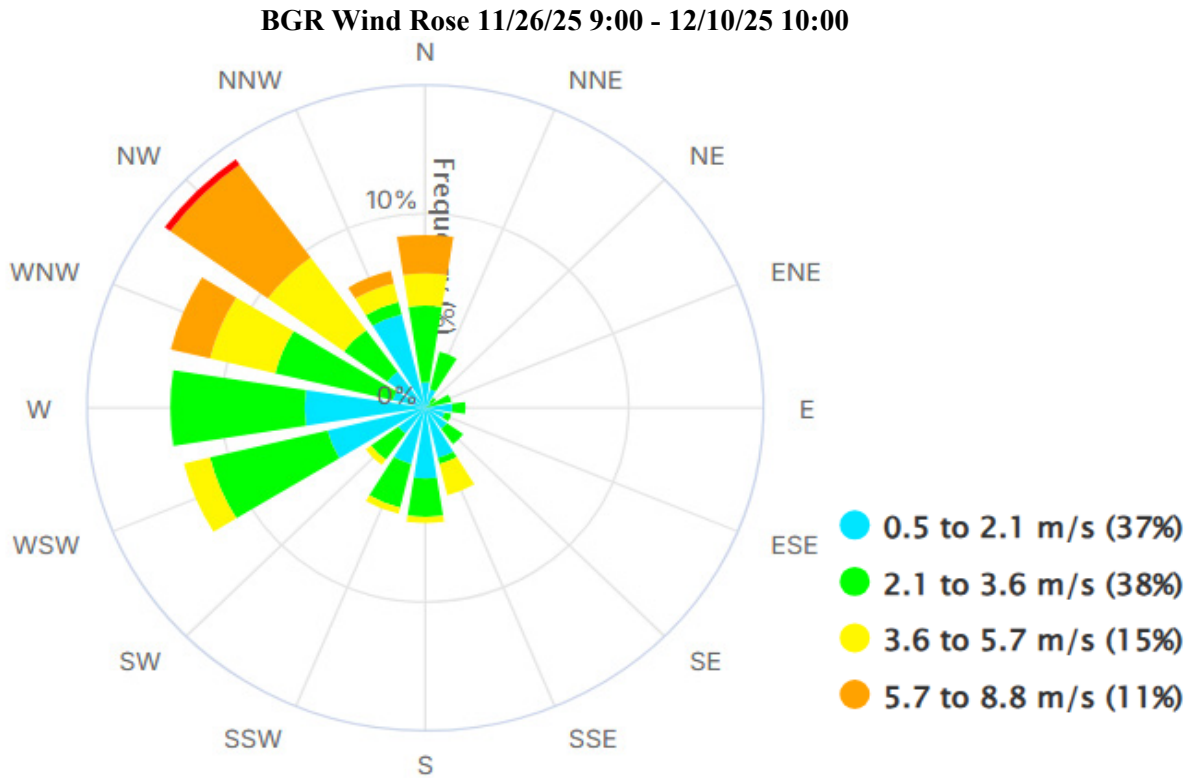
IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (11/26/25 9:00 to 12/10/25 10:00)

12/7/25 6:00	1.5	240	-10.3	1009
12/7/25 7:00	1.7	324	-11.0	1009
12/7/25 8:00	3.0	302	-6.7	1010
12/7/25 9:00	4.0	314	-4.8	1011
12/7/25 10:00	3.4	294	-4.2	1011
12/7/25 11:00	3.6	304	-4.0	1010
12/7/25 12:00	3.3	306	-3.7	1010
12/7/25 13:00	2.7	309	-3.2	1010
12/7/25 14:00	1.7	310	-3.7	1010
12/7/25 15:00	1.7	321	-4.1	1010
12/7/25 16:00	ND	ND	-4.3	1009
12/7/25 17:00	2.5	41	-4.3	1009
12/7/25 18:00	2.4	57	-4.1	1009
12/7/25 19:00	2.3	103	-5.1	1008
12/7/25 20:00	1.8	95	-6.0	1007
12/7/25 21:00	1.9	95	-6.0	1006
12/7/25 22:00	2.6	90	-6.1	1006
12/7/25 23:00	2.5	77	-6.1	1005
12/8/25 0:00	2.2	77	-6.8	1004
12/8/25 1:00	4.6	355	-6.9	1004
12/8/25 2:00	5.9	350	-7.1	1004
12/8/25 3:00	5.6	330	-7.7	1005
12/8/25 4:00	6.9	316	-8.0	1006
12/8/25 5:00	5.1	304	-8.9	1007
12/8/25 6:00	4.5	298	-10.5	1008
12/8/25 7:00	4.9	302	-11.1	1010
12/8/25 8:00	4.8	307	-11.1	1011
12/8/25 9:00	6.1	315	-11.0	1012
12/8/25 10:00	6.9	317	-10.3	1013
12/8/25 11:00	8.0	318	-9.3	1013
12/8/25 12:00	7.8	317	-9.1	1012
12/8/25 13:00	5.7	317	-9.0	1012
12/8/25 14:00	5.8	315	-9.1	1013
12/8/25 15:00	2.2	294	-10.1	1014
12/8/25 16:00	2.5	294	-11.2	1014
12/8/25 17:00	3.2	297	-12.1	1015
12/8/25 18:00	3.5	301	-12.6	1016
12/8/25 19:00	3.3	298	-13.1	1016
12/8/25 20:00	2.4	264	-14.0	1016
12/8/25 21:00	1.8	266	-15.8	1016
12/8/25 22:00	1.5	295	-17.6	1016
12/8/25 23:00	1.5	278	-19.8	1015
12/9/25 0:00	ND	ND	-21.0	1015
12/9/25 1:00	1.5	240	-22.2	1015

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (11/26/25 9:00 to 12/10/25 10:00)

12/9/25 2:00	1.6	249	-22.4	1015
12/9/25 3:00	1.9	263	-21.0	1014
12/9/25 4:00	1.3	258	-23.9	1014
12/9/25 5:00	1.8	267	-23.1	1014
12/9/25 6:00	1.4	271	-22.6	1014
12/9/25 7:00	3.0	260	-18.9	1014
12/9/25 8:00	2.6	255	-17.4	1015
12/9/25 9:00	2.9	262	-14.6	1014
12/9/25 10:00	2.9	274	-12.1	1014
12/9/25 11:00	2.9	277	-10.3	1013
12/9/25 12:00	2.9	274	-8.5	1012
12/9/25 13:00	2.3	246	-8.0	1011
12/9/25 14:00	ND	ND	-8.2	1011
12/9/25 15:00	1.4	269	-10.4	1011
12/9/25 16:00	1.6	256	-9.5	1010
12/9/25 17:00	1.7	149	-10.8	1010
12/9/25 18:00	2.5	141	-11.0	1009
12/9/25 19:00	1.7	145	-12.4	1009
12/9/25 20:00	2.3	149	-11.5	1008
12/9/25 21:00	1.5	170	-11.7	1007
12/9/25 22:00	ND	ND	-12.0	1006
12/9/25 23:00	ND	ND	-11.7	1005
12/10/25 0:00	1.4	161	-9.9	1004
12/10/25 1:00	1.8	129	-9.1	1003
12/10/25 2:00	1.5	195	-8.5	1002
12/10/25 3:00	1.6	174	-8.1	1001
12/10/25 4:00	1.5	228	-8.0	1001
12/10/25 5:00	ND	ND	-8.5	1001
12/10/25 6:00	ND	ND	-9.1	1000
12/10/25 7:00	ND	ND	-9.0	1000
12/10/25 8:00	1.5	340	-8.1	1000
12/10/25 9:00	ND	ND	-6.5	1000
12/10/25 10:00	ND	ND	-4.2	999

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (11/26/25 9:00 to 12/10/25 10:00)



IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (12/10/25 10:00 to 12/23/25 10:00)

Date & Time	Wind Speed	Wind Direction	Temperature	Barometric Pressure
	m/s	Deg.	°C	mb
12/10/25 10:00	ND	ND	-4.2	999
12/10/25 11:00	ND	ND	-2.5	997
12/10/25 12:00	1.7	31	-1.8	996
12/10/25 13:00	2.5	64	-1.2	995
12/10/25 14:00	1.7	46	-1.1	994
12/10/25 15:00	1.7	46	-2.0	993
12/10/25 16:00	2.5	71	-1.5	991
12/10/25 17:00	2.2	84	-0.3	990
12/10/25 18:00	1.8	79	0.9	988
12/10/25 19:00	2.3	211	1.5	986
12/10/25 20:00	2.5	222	2.9	985
12/10/25 21:00	2.9	218	3.9	984
12/10/25 22:00	3.3	218	3.7	984
12/10/25 23:00	2.9	210	3.0	983
12/11/25 0:00	2.2	217	2.5	982
12/11/25 1:00	2.1	219	1.9	982
12/11/25 2:00	1.6	243	1.8	981
12/11/25 3:00	1.6	231	1.4	982
12/11/25 4:00	1.7	229	1.0	981
12/11/25 5:00	1.5	239	1.0	981
12/11/25 6:00	1.8	226	1.0	981
12/11/25 7:00	2.9	219	1.0	981
12/11/25 8:00	3.1	236	1.0	982
12/11/25 9:00	5.1	270	0.6	983
12/11/25 10:00	4.4	274	-0.6	984
12/11/25 11:00	4.7	279	-0.3	984
12/11/25 12:00	5.9	271	0.0	984
12/11/25 13:00	5.3	268	-0.7	984
12/11/25 14:00	4.5	282	-1.7	985
12/11/25 15:00	4.4	287	-2.2	986
12/11/25 16:00	4.6	283	-3.5	986
12/11/25 17:00	3.8	284	-4.7	987
12/11/25 18:00	4.5	266	-6.0	988
12/11/25 19:00	6.6	267	-6.8	989
12/11/25 20:00	6.7	258	-7.8	989
12/11/25 21:00	5.5	257	-8.7	989
12/11/25 22:00	4.7	245	-9.0	989
12/11/25 23:00	4.0	241	-9.0	989
12/12/25 0:00	5.8	241	-8.9	989
12/12/25 1:00	6.4	242	-8.9	989
12/12/25 2:00	5.8	239	-9.0	989

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (12/10/25 10:00 to 12/23/25 10:00)

12/12/25 3:00	4.7	246	-9.0	989
12/12/25 4:00	5.2	243	-9.0	990
12/12/25 5:00	5.6	239	-8.1	990
12/12/25 6:00	6.1	236	-8.0	990
12/12/25 7:00	5.4	247	-7.8	991
12/12/25 8:00	5.9	252	-6.9	991
12/12/25 9:00	6.8	271	-6.0	992
12/12/25 10:00	6.3	266	-5.9	992
12/12/25 11:00	6.9	266	-4.7	992
12/12/25 12:00	6.7	264	-4.0	993
12/12/25 13:00	5.8	271	-3.7	993
12/12/25 14:00	6.5	272	-3.8	994
12/12/25 15:00	5.6	281	-4.0	995
12/12/25 16:00	4.2	283	-4.9	997
12/12/25 17:00	6.1	293	-5.0	999
12/12/25 18:00	4.6	278	-5.1	1000
12/12/25 19:00	3.2	268	-6.0	1001
12/12/25 20:00	2.4	273	-6.0	1002
12/12/25 21:00	3.3	288	-6.0	1003
12/12/25 22:00	3.3	287	-6.0	1004
12/12/25 23:00	2.5	281	-6.2	1005
12/13/25 0:00	2.4	280	-6.5	1005
12/13/25 1:00	1.8	261	-7.2	1006
12/13/25 2:00	2.1	214	-9.1	1007
12/13/25 3:00	1.3	255	-9.6	1008
12/13/25 4:00	1.5	222	-10.1	1008
12/13/25 5:00	1.8	222	-11.3	1009
12/13/25 6:00	1.5	203	-12.5	1009
12/13/25 7:00	1.7	214	-11.2	1010
12/13/25 8:00	0.9	183	-9.1	1010
12/13/25 9:00	1.1	218	-6.8	1011
12/13/25 10:00	2.0	152	-4.8	1010
12/13/25 11:00	1.9	184	-3.8	1010
12/13/25 12:00	2.4	200	-3.0	1009
12/13/25 13:00	2.6	200	-2.6	1008
12/13/25 14:00	1.7	166	-2.1	1008
12/13/25 15:00	1.3	122	-2.9	1008
12/13/25 16:00	2.0	126	-3.2	1007
12/13/25 17:00	3.0	136	-2.9	1007
12/13/25 18:00	1.8	176	-3.1	1007
12/13/25 19:00	1.8	196	-3.1	1007
12/13/25 20:00	1.5	180	-5.1	1007
12/13/25 21:00	1.5	190	-6.2	1007
12/13/25 22:00	ND	ND	-6.0	1007

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (12/10/25 10:00 to 12/23/25 10:00)

12/13/25 23:00	0.0	ND	-5.8	1007
12/14/25 0:00	ND	ND	-6.6	1007
12/14/25 1:00	1.0	235	-6.1	1007
12/14/25 2:00	1.5	50	-6.0	1008
12/14/25 3:00	ND	ND	-6.0	1007
12/14/25 4:00	ND	ND	-6.0	1007
12/14/25 5:00	1.3	358	-6.0	1007
12/14/25 6:00	1.5	230	-6.3	1007
12/14/25 7:00	1.8	356	-7.0	1007
12/14/25 8:00	2.4	334	-7.0	1007
12/14/25 9:00	1.6	328	-6.0	1008
12/14/25 10:00	1.5	20	-5.0	1007
12/14/25 11:00	2.1	349	-3.9	1006
12/14/25 12:00	2.5	343	-3.0	1005
12/14/25 13:00	3.4	2	-3.0	1005
12/14/25 14:00	3.9	13	-2.8	1005
12/14/25 15:00	4.3	351	-3.0	1004
12/14/25 16:00	4.1	351	-3.8	1004
12/14/25 17:00	4.2	340	-5.3	1004
12/14/25 18:00	6.2	336	-5.8	1005
12/14/25 19:00	6.3	335	-6.2	1005
12/14/25 20:00	4.7	312	-6.7	1005
12/14/25 21:00	5.9	311	-7.6	1004
12/14/25 22:00	5.6	308	-8.9	1004
12/14/25 23:00	4.6	303	-10.1	1003
12/15/25 0:00	4.3	303	-10.1	1002
12/15/25 1:00	4.8	308	-10.4	1002
12/15/25 2:00	4.6	311	-10.1	1002
12/15/25 3:00	4.9	306	-11.0	1002
12/15/25 4:00	5.9	308	-11.0	1002
12/15/25 5:00	5.9	308	-11.0	1003
12/15/25 6:00	4.7	301	-11.2	1004
12/15/25 7:00	4.7	299	-11.8	1005
12/15/25 8:00	4.5	294	-11.0	1005
12/15/25 9:00	4.7	293	-10.0	1005
12/15/25 10:00	4.1	277	-8.7	1005
12/15/25 11:00	7.9	312	-6.4	1003
12/15/25 12:00	9.6	309	-6.0	1003
12/15/25 13:00	9.0	308	-6.2	1003
12/15/25 14:00	8.5	306	-6.9	1004
12/15/25 15:00	7.0	307	-7.0	1004
12/15/25 16:00	4.3	301	-7.9	1005
12/15/25 17:00	4.0	302	-8.5	1006
12/15/25 18:00	2.9	272	-9.1	1006

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (12/10/25 10:00 to 12/23/25 10:00)

12/15/25 19:00	2.1	238	-9.1	1007
12/15/25 20:00	2.4	281	-9.0	1007
12/15/25 21:00	2.9	291	-9.0	1007
12/15/25 22:00	2.9	284	-9.0	1008
12/15/25 23:00	3.5	299	-9.0	1008
12/16/25 0:00	3.0	285	-9.2	1008
12/16/25 1:00	2.2	282	-10.3	1009
12/16/25 2:00	2.1	269	-11.1	1009
12/16/25 3:00	1.7	216	-11.8	1010
12/16/25 4:00	1.8	197	-12.0	1010
12/16/25 5:00	1.5	230	-11.4	1011
12/16/25 6:00	2.1	211	-10.6	1012
12/16/25 7:00	1.8	226	-11.7	1012
12/16/25 8:00	2.0	202	-9.3	1013
12/16/25 9:00	1.7	211	-7.2	1013
12/16/25 10:00	1.4	217	-5.0	1013
12/16/25 11:00	2.4	237	-2.7	1012
12/16/25 12:00	3.1	224	-1.6	1011
12/16/25 13:00	3.5	241	-0.9	1011
12/16/25 14:00	3.7	221	-0.2	1011
12/16/25 15:00	2.9	214	-1.1	1011
12/16/25 16:00	2.1	205	-2.5	1011
12/16/25 17:00	2.0	197	-3.7	1011
12/16/25 18:00	2.0	196	-4.1	1010
12/16/25 19:00	2.2	178	-5.3	1010
12/16/25 20:00	2.6	178	-4.9	1009
12/16/25 21:00	2.5	200	-3.7	1009
12/16/25 22:00	3.4	196	-3.8	1008
12/16/25 23:00	3.9	188	-3.1	1007
12/17/25 0:00	5.0	200	-2.3	1006
12/17/25 1:00	5.3	193	-2.0	1006
12/17/25 2:00	4.3	191	-2.0	1005
12/17/25 3:00	3.0	215	-2.0	1003
12/17/25 4:00	3.7	207	-1.7	1002
12/17/25 5:00	4.6	205	-1.0	1002
12/17/25 6:00	2.9	216	-1.0	1001
12/17/25 7:00	3.1	208	-1.1	1001
12/17/25 8:00	4.7	208	-0.5	1000
12/17/25 9:00	5.2	203	0.8	1000
12/17/25 10:00	6.4	200	1.1	999
12/17/25 11:00	5.5	213	2.0	997
12/17/25 12:00	4.4	213	2.4	997
12/17/25 13:00	4.1	235	2.5	997
12/17/25 14:00	3.2	239	2.1	997

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (12/10/25 10:00 to 12/23/25 10:00)

12/17/25 15:00	1.9	224	2.0	997
12/17/25 16:00	1.7	235	1.5	998
12/17/25 17:00	1.8	204	1.3	998
12/17/25 18:00	2.2	206	2.0	999
12/17/25 19:00	1.7	218	2.0	1000
12/17/25 20:00	2.1	171	1.7	1001
12/17/25 21:00	2.5	253	2.8	1002
12/17/25 22:00	2.4	264	3.4	1005
12/17/25 23:00	2.6	272	3.0	1006
12/18/25 0:00	2.5	274	3.0	1008
12/18/25 1:00	2.4	276	2.0	1010
12/18/25 2:00	3.1	305	1.5	1011
12/18/25 3:00	2.1	320	-1.6	1012
12/18/25 4:00	1.8	293	-2.5	1013
12/18/25 5:00	1.5	250	-2.4	1016
12/18/25 6:00	1.5	224	-5.4	1017
12/18/25 7:00	1.5	168	-5.4	1018
12/18/25 8:00	1.8	190	-3.5	1019
12/18/25 9:00	2.1	191	-0.4	1020
12/18/25 10:00	2.6	183	1.8	1018
12/18/25 11:00	3.2	179	3.1	1018
12/18/25 12:00	5.0	183	4.3	1018
12/18/25 13:00	5.4	184	4.7	1017
12/18/25 14:00	4.8	184	4.8	1018
12/18/25 15:00	4.4	167	4.0	1017
12/18/25 16:00	5.8	179	3.9	1017
12/18/25 17:00	6.4	189	3.9	1016
12/18/25 18:00	5.1	179	3.0	1016
12/18/25 19:00	6.1	189	3.9	1016
12/18/25 20:00	6.4	190	4.0	1015
12/18/25 21:00	6.8	185	4.2	1014
12/18/25 22:00	4.4	187	4.8	1014
12/18/25 23:00	4.0	177	4.9	1013
12/19/25 0:00	4.6	184	5.5	1011
12/19/25 1:00	4.9	178	5.9	1010
12/19/25 2:00	5.4	192	6.0	1009
12/19/25 3:00	5.4	183	6.9	1008
12/19/25 4:00	6.1	175	7.7	1006
12/19/25 5:00	6.1	168	8.0	1005
12/19/25 6:00	7.7	170	8.1	1003
12/19/25 7:00	6.0	176	8.2	1002
12/19/25 8:00	6.9	177	9.0	1000
12/19/25 9:00	5.7	178	9.9	999
12/19/25 10:00	7.8	179	11.0	996

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (12/10/25 10:00 to 12/23/25 10:00)

12/19/25 11:00	10.1	179	11.4	993
12/19/25 12:00	10.0	176	12.6	990
12/19/25 13:00	12.1	168	13.1	986
12/19/25 14:00	13.8	168	13.0	982
12/19/25 15:00	15.9	175	13.5	979
12/19/25 16:00	14.8	180	12.9	978
12/19/25 17:00	13.0	184	12.0	977
12/19/25 18:00	8.2	247	9.2	978
12/19/25 19:00	3.8	275	5.8	980
12/19/25 20:00	2.4	260	4.4	981
12/19/25 21:00	3.5	242	4.0	982
12/19/25 22:00	4.9	246	4.0	983
12/19/25 23:00	5.2	261	3.6	985
12/20/25 0:00	5.9	263	2.1	987
12/20/25 1:00	5.0	251	1.5	989
12/20/25 2:00	6.5	266	1.0	990
12/20/25 3:00	6.4	268	0.2	992
12/20/25 4:00	7.3	287	-1.0	995
12/20/25 5:00	6.4	296	-2.5	997
12/20/25 6:00	5.2	278	-3.0	1000
12/20/25 7:00	5.8	286	-3.6	1003
12/20/25 8:00	5.6	287	-3.5	1005
12/20/25 9:00	5.8	295	-2.9	1006
12/20/25 10:00	5.7	304	-2.4	1007
12/20/25 11:00	4.4	290	-2.0	1007
12/20/25 12:00	3.7	284	-1.7	1007
12/20/25 13:00	4.3	240	-1.5	1008
12/20/25 14:00	4.5	257	-2.0	1010
12/20/25 15:00	2.5	268	-2.0	1011
12/20/25 16:00	1.3	244	-1.9	1012
12/20/25 17:00	2.4	134	-2.0	1011
12/20/25 18:00	2.7	135	-2.0	1010
12/20/25 19:00	2.9	178	-2.0	1009
12/20/25 20:00	2.5	180	-2.0	1009
12/20/25 21:00	2.1	140	-2.0	1008
12/20/25 22:00	2.1	157	-1.9	1007
12/20/25 23:00	2.2	149	-1.0	1005
12/21/25 0:00	5.1	179	2.2	1003
12/21/25 1:00	6.1	192	2.9	1003
12/21/25 2:00	4.7	199	3.4	1003
12/21/25 3:00	6.1	189	3.5	1001
12/21/25 4:00	5.9	211	4.0	1001
12/21/25 5:00	5.1	213	3.0	1000
12/21/25 6:00	4.1	202	2.6	1000

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (12/10/25 10:00 to 12/23/25 10:00)

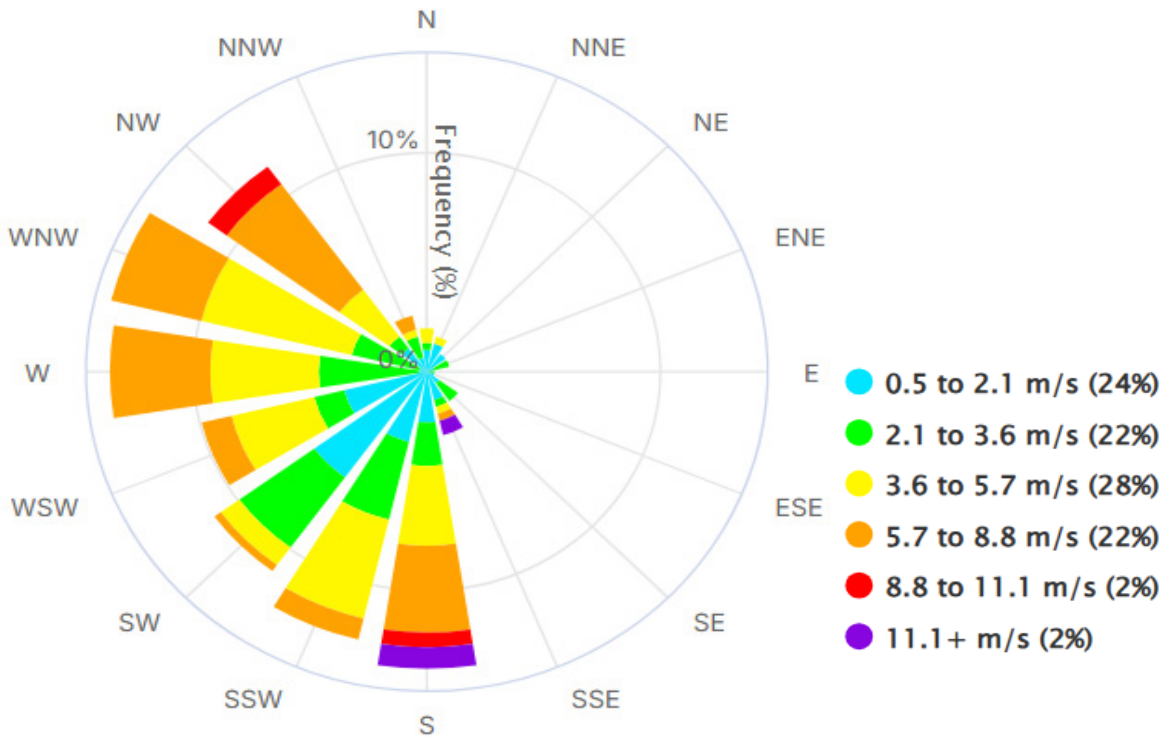
12/21/25 7:00	3.9	201	2.0	1000
12/21/25 8:00	2.6	210	2.0	1000
12/21/25 9:00	4.1	206	3.0	1000
12/21/25 10:00	3.6	219	5.0	999
12/21/25 11:00	4.0	252	6.1	999
12/21/25 12:00	5.2	269	5.2	999
12/21/25 13:00	6.4	301	2.8	1001
12/21/25 14:00	7.1	300	2.5	1002
12/21/25 15:00	5.9	301	1.0	1004
12/21/25 16:00	6.7	300	-0.9	1005
12/21/25 17:00	6.6	300	-1.9	1006
12/21/25 18:00	6.5	299	-2.0	1007
12/21/25 19:00	3.8	292	-2.7	1008
12/21/25 20:00	4.9	301	-3.0	1008
12/21/25 21:00	3.9	300	-3.0	1009
12/21/25 22:00	4.8	302	-3.1	1009
12/21/25 23:00	7.9	309	-4.0	1010
12/22/25 0:00	7.5	304	-5.6	1011
12/22/25 1:00	6.8	314	-7.0	1012
12/22/25 2:00	5.9	309	-7.4	1013
12/22/25 3:00	4.8	313	-8.0	1014
12/22/25 4:00	4.1	309	-8.1	1014
12/22/25 5:00	4.9	304	-8.1	1015
12/22/25 6:00	7.2	307	-8.4	1016
12/22/25 7:00	7.6	311	-9.0	1017
12/22/25 8:00	9.4	318	-9.0	1018
12/22/25 9:00	8.3	318	-8.3	1019
12/22/25 10:00	8.7	321	-7.9	1018
12/22/25 11:00	7.2	315	-7.3	1018
12/22/25 12:00	7.3	320	-6.7	1018
12/22/25 13:00	6.1	308	-6.0	1017
12/22/25 14:00	6.3	311	-6.2	1018
12/22/25 15:00	5.2	321	-7.3	1018
12/22/25 16:00	2.9	318	-8.4	1019
12/22/25 17:00	1.6	318	-8.8	1019
12/22/25 18:00	2.2	306	-8.8	1019
12/22/25 19:00	2.1	317	-8.2	1019
12/22/25 20:00	1.5	265	-8.1	1019
12/22/25 21:00	ND	ND	-8.1	1019
12/22/25 22:00	1.5	240	-8.0	1019
12/22/25 23:00	1.7	240	-8.2	1019
12/23/25 0:00	1.8	244	-9.0	1018
12/23/25 1:00	1.5	242	-8.4	1018
12/23/25 2:00	1.5	340	-8.2	1018

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (12/10/25 10:00 to 12/23/25 10:00)**

12/23/25 3:00	ND	ND	-8.0	1018
12/23/25 4:00	ND	ND	-8.0	1018
12/23/25 5:00	1.5	320	-8.0	1019
12/23/25 6:00	1.5	320	-8.0	1019
12/23/25 7:00	1.7	18	-7.7	1018
12/23/25 8:00	1.8	14	-7.1	1018
12/23/25 9:00	1.5	1	-6.7	1019
12/23/25 10:00	1.7	39	-6.0	1018

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (12/10/25 10:00 to 12/23/25 10:00)

BGR Wind Rose 12/10/25 10:00 - 12/23/25 10:00



IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

Terminal Fenceline Perimeter Length = 1,498 m

Monitor Location Method: EPA Method 325A Option 2

Terminal Fenceline Area = 27.9 Acres

Spacing Between Monitors: 124.8 m (± 12.5 m)

Tank Farms 1 and 3

Sampling Station	Target Compounds	Latitude	Longitude	Distances from Previous Site (m)	Notes
Site 1	BTEX	44.459525°	-68.899553°	129.8	The distance between the closest tanks and Site 1 and Fenceline is >50 m.
Site 2	BTEX	44.458983°	-68.898564°	125.5	The distance between the closest tanks and Site 2 and Fenceline is >50 m.
Site 3	BTEX	44.457892°	-68.898464°	125.5	The distance between the closest tanks and Site 3 and Fenceline is >50 m.
Site 4	BTEX	44.456853°	-68.898425°	123.9	The distance between the closest tanks and Site 4 and Fenceline is >50 m.
Site 5	BTEX	44.455831°	-68.898528°	125.3	The distance between the closest tanks and Site 5 and Fenceline is >50 m.
Site 6	BTEX	44.454886°	-68.899292°	124.8	The distance between the closest tanks and Site 6 and Fenceline is >50 m.
Site 7	BTEX	44.455697°	-68.899986°	123.9	The distance between the closest tanks and Site 7 and Fenceline is <50 m.
Site 8	BTEX	44.455589°	-68.900656°	62.0 (to Site 7) 61.7 (to Site 9)	Additional Site located halfway between Sites 7 and 9 to capture potential fugitive emissions from sources located <50 m from the fenceline.
Site 9	BTEX	44.455517°	-68.901358°	123.7 (to Site 7)	The distance between the closest tanks and Site 8 and Fenceline is <50 m.
Site 10	BTEX	44.455925°	-68.901736°	62.1 (to Site 9) 61.2 (to Site 11)	Additional Site located halfway between Sites 9 and 11 to capture potential fugitive emissions from sources located <50 m from the fenceline.

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

Terminal Fenceline Perimeter Length = 1,498 m

Monitor Location Method: EPA Method 325A Option 2

Terminal Fenceline Area = 27.9 Acres

Spacing Between Monitors: 124.8 m (± 12.5 m)

Tank Farms 1 and 3

Sampling Station	Target Compounds	Latitude	Longitude	Distances from Previous Site (m)	Notes
Site 11	BTEX	44.456475°	-68.901686°	123.3 (to Site 9)	The distance between the closest tanks and Site 11 and Fenceline is <50 m.
Site 12	BTEX	4.457586°	-68.901592°	124	The distance between the closest tanks and Site 12 and Fenceline is >50 m.
Site 13	BTEX	44.458700°	-68.901494°	124	The distance between the closest tanks and Site 13 and Fenceline is >50 m.
Site 14	BTEX	44.459442°	-68.900939°	124.3	The distance between the closest tanks and Site 14 and Fenceline is >50 m.

Tank Farm 2

Terminal Fenceline Perimeter Length = 542 m

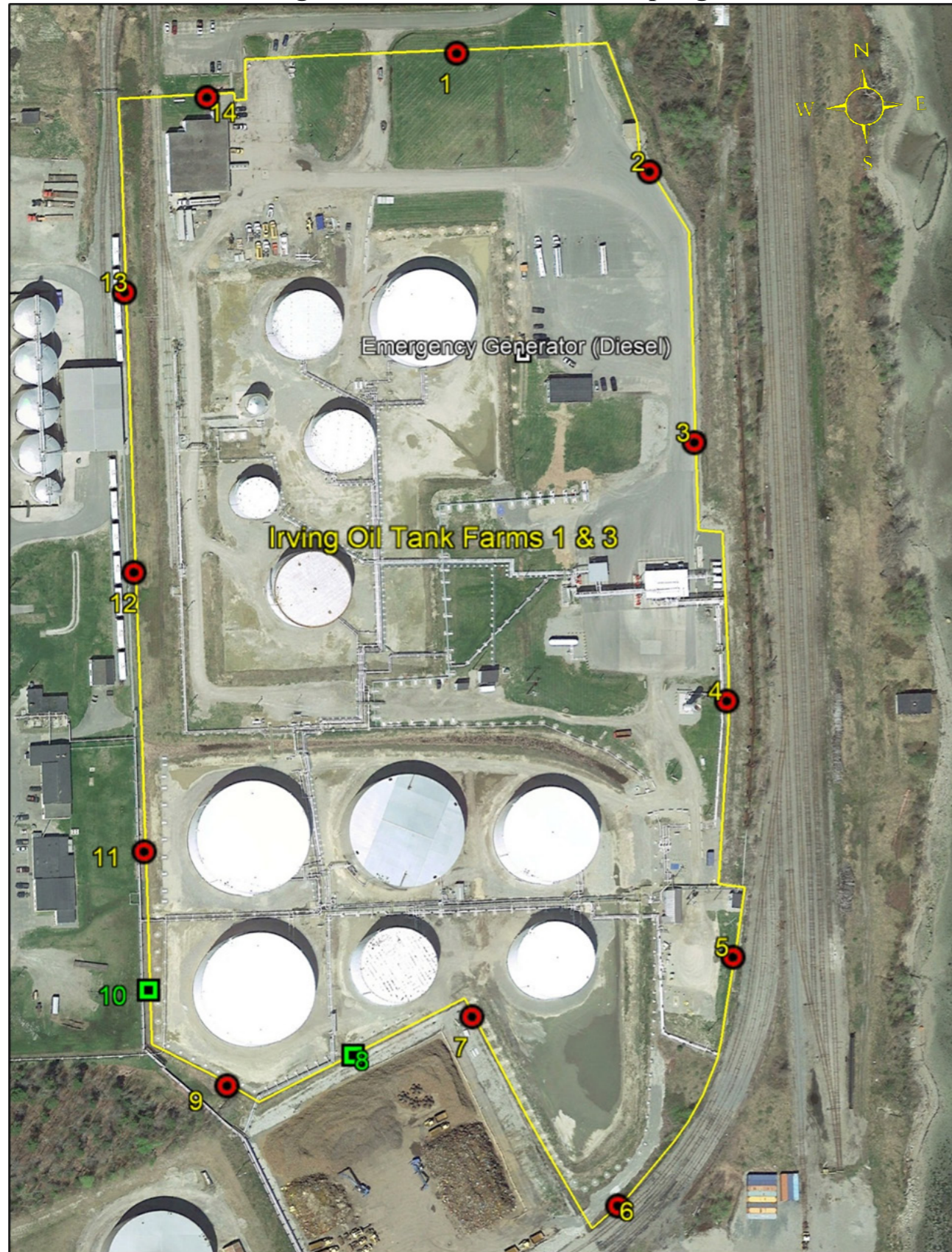
Monitor Location Method: EPA Method 325A Option 2

Terminal Fenceline Area = 4.9 Acres

Spacing Between Monitors: 180.7 m (± 18.1 m)

Sampling Station	Target Compounds	Latitude	Longitude	Distance from Previous Site (m)	Notes
Site 15	BTEX	44.452383°	-68.907823°	180.8	The distance between the closest tank and Site 15 is 48 m. The 2 tanks are <50 m from the nearest fenceline.
Site 16	BTEX	44.453510°	-68.908468°	180.4	The distance between the closest tank and Site 16 is 46 m. The closest tank is <50 m from the nearest fenceline.
Site 17	BTEX	44.453418°	-68.906950°	180.8	The distance between the closest tank and Site 17 is 45 m. The closest tank is <50 m from the nearest fenceline.

Aerial View of the Irving Oil Tank Farm 1 and 3 Sampling Locations



Aerial View of the Irving Oil Tank Farm 2 Sampling Locations



Irving Oil – Searsport

52 Station Ave
Searsport, ME 04974

Sampling Event 28 Irving Oil - Searsport

Client Project# PROJ-050105
Samples Received: 10/24/2025

Analytical Report 2025GG401

EPA Method 325B Analysis

Report Issue Date: 11/4/2025

I certify that to the best of my knowledge all analytical data presented in this report have been checked for completeness, accuracy, errors and legibility in addition to having been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s). This report shall not be reproduced except in full without approval of the laboratory. This will provide assurance that parts of the report are not taken out of context.

Amendment(s):

Signature:



QA Review by Isabel Obando Marrero, Data Reviewer



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Enthalpy Analytical
800 Capitola Drive Suite 1 Durham, NC 27713

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Narrative Summary



Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Job No.	2025GG401-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

1. Custody

The samples were received at Enthalpy Analytical on October 24, 2025 at 20 °C. The samples were received in good condition. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, LLC

Table 1 - Sample Inventory

Sample ID	Tube ID	Sample Type
IRVSEA-1-S-20250918	C57119	Sample
IRVSEA-2-S-20250918	C54965	Sample
IRVSEA-2-D-20250918	C24160	Duplicate
IRVSEA-2-B-20250918	C69455	Blank
IRVSEA-3-S-20250918	C43605	Sample
IRVSEA-4-S-20250918	C55746	Sample
IRVSEA-5-S-20250918	C01673	Sample
IRVSEA-6-S-20250918	C56813	Sample
IRVSEA-7-S-20250918	B47147	Sample
IRVSEA-8-S-20250918	C57053	Sample
IRVSEA-8-D-20250918	C00730	Duplicate
IRVSEA-8-B-20250918	C37509	Blank
IRVSEA-9-S-20250918	B51004	Sample
IRVSEA-10-S-20250918	B18439	Sample
IRVSEA-11-S-20250918	C60221	Sample
IRVSEA-12-S-20250918	C38539	Sample
IRVSEA-13-S-20250918	C37488	Sample
IRVSEA-14-S-20250918	C31378	Sample
IRVSEA-15-S-20250918	C56799	Sample
IRVSEA-16-S-20250918	B17387	Sample
IRVSEA-17-S-20250918	C00809	Sample

2. Analysis

The samples were analyzed for Benzene, Toluene, Ethylbenzene, m-/p-Xylenes, and o-Xylene using EPA Method 325B – Volatile Organic Compounds from Fugitive and Area Sources by Thermal Desorption and GC/MS. A copy of the acquisition method M325B-MTD is not included in this report but may be available upon request.

The sample tube media used for this sampling period was CarbopackX. All calibration standards and laboratory QC were prepared using the same media.

Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Job No.	2025GG401-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

3. Calibration

All BFB tune criteria have been met for this analysis.

The initial calibration (E050525A_CC252679_QT_CC185154) met all 30% RSD criteria. The initial calibration verification met $\pm 30\%$ recovery criteria. The continuing calibration verifications met 30% difference criteria. The initial and continuing calibration raw data are not included in this report but are available upon request.

5. QC Notes

All quality control criteria required by the method and/or the laboratory SOP have been met unless noted otherwise below.

Toluene was detected in field blank IRVSEA-2-B-20250918 (tube ID C69455). However, it was not detected at a concentration greater than one-third of the concentration of any of the samples in this data set. The chromatography appears to indicate that the source of low-level contamination occurred in the field and was likely due to a loose brass end cap or field sampling error.

6. Reporting Notes

All tubes used for this sampling period met the method criteria for number of uses; no tube exceeded 50 field uses.

As specified in EPA Method 325B, the response factor of the daily continuing calibration standard was used to quantitate all field samples and blanks.

All samples were reported as amount in ng catch, and concentration in $\mu\text{g}/\text{m}^3$ and ppbv.

The results presented in this report are representative of the samples as provided to the laboratory. These analyses met the requirements of the TNI Standard. Any deviations from the requirements of the reference method or TNI Standard have been stated above.

Enthalpy Analytical, located at 800 Capitola Drive, Suite 1, Durham NC, 27713 is accredited by the Louisiana Department of Environmental Quality (LDEQ) for EPA Method 325B for all analytes included in this report under **Certificate Number 04010**.

Results

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG401-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Summary

Sample Code	Tube ID	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
		(ug/m ³)	Flag	(ug/m ³)	Flag	(ug/m ³)	Flag	(ug/m ³)	Flag	(ug/m ³)	Flag
IRVSEA-1-S-20250918	C57119	1.21		3.63		0.796		3.15		1.15	
IRVSEA-2-S-20250918	C54965	1.92		5.18		0.822		2.88		0.989	
IRVSEA-2-D-20250918	C24160	1.90		4.85		1.10		3.19		1.16	
IRVSEA-2-B-20250918	C69455	0.337	J	0.933		0.274	ND	0.449	J	0.274	ND
IRVSEA-3-S-20250918	C43605	3.37		4.89		1.26		3.81		1.30	
IRVSEA-4-S-20250918	C55746	2.30		5.75		1.14		3.80		1.21	
IRVSEA-5-S-20250918	C01673	2.22		5.22		1.04		3.27		1.15	
IRVSEA-6-S-20250918	C56813	2.31		9.10		1.66		6.33		2.27	
IRVSEA-7-S-20250918	B47147	4.77		14.2		2.74		8.42		3.10	
IRVSEA-8-S-20250918	C57053	5.57		22.9		3.82		14.0		4.97	
IRVSEA-8-D-20250918	C00730	5.97		21.7		3.96		14.2		5.09	
IRVSEA-8-B-20250918	C37509	0.188	ND	0.364	J	0.274	ND	0.274	ND	0.274	ND
IRVSEA-9-S-20250918	B51004	3.49		10.6		2.08		6.95		2.54	
IRVSEA-10-S-20250918	B18439	7.73		12.7		2.58		8.28		2.90	
IRVSEA-11-S-20250918	C60221	1.93		8.35		1.75		6.72		2.40	
IRVSEA-12-S-20250918	C38539	2.51		6.07		1.33		4.07		1.47	
IRVSEA-13-S-20250918	C37488	1.06		3.51		0.984		2.64		0.968	
IRVSEA-14-S-20250918	C31378	2.52		3.34		0.822		2.16		0.761	
IRVSEA-15-S-20250918	C56799	1.01		3.36		0.845		3.18		1.17	
IRVSEA-16-S-20250918	B17387	4.65		3.68		0.930		2.24		0.838	
IRVSEA-17-S-20250918	C00809	5.16		3.18		1.01		2.14		0.785	

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit

ND: The analyte was not present above the Method Detection Limit

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2025GG401-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250918	C57119	1.21	0.380	16.1	59.2	0.659	20140	0.188	0.372	0.0590	0.117		E2504523.d	2025-10-26 14:30	0.950	8.095	114606	406132	54.2	8.038	1.7%
IRVSEA-2-S-20250918	C54965	1.92	0.602	25.5	59.1	0.659	20140	0.188	0.372	0.0590	0.117		E2504524.d	2025-10-26 14:56	0.950	8.095	183663	410190	54.2	8.038	2.7%
IRVSEA-2-D-20250918	C24160	1.90	0.596	25.2	59.1	0.659	20140	0.188	0.372	0.0590	0.117		E2504525.d	2025-10-26 15:22	0.950	8.095	181641	410115	54.2	8.038	2.7%
IRVSEA-2-B-20250918	C69455	0.337	0.105	4.47	59.1	0.659	20140	0.188	0.372	0.0590	0.117	J	E2504521.d	2025-10-26 13:39	0.950	8.095	32218	411146	54.2	8.038	2.9%
IRVSEA-3-S-20250918	C43605	3.37	1.05	44.7	59.1	0.659	20140	0.188	0.372	0.0590	0.117		E2504526.d	2025-10-26 15:48	0.950	8.095	299188	381864	54.2	8.038	-4.4%
IRVSEA-4-S-20250918	C55746	2.30	0.721	30.5	59.1	0.659	20140	0.188	0.372	0.0590	0.117		E2504527.d	2025-10-26 16:13	0.950	8.095	218767	408387	54.2	8.038	2.3%
IRVSEA-5-S-20250918	C01673	2.22	0.694	29.4	59.1	0.659	20140	0.188	0.372	0.0590	0.117		E2504528.d	2025-10-26 16:40	0.950	8.095	208351	403827	54.2	8.038	1.1%
IRVSEA-6-S-20250918	C56813	2.31	0.725	30.7	59.1	0.659	20140	0.188	0.372	0.0590	0.117		E2504529.d	2025-10-26 17:06	0.950	8.095	216743	402273	54.2	8.038	0.7%
IRVSEA-7-S-20250918	B47147	4.77	1.49	63.3	59.1	0.659	20140	0.188	0.372	0.0590	0.117		E2504530.d	2025-10-26 17:31	0.950	8.095	435996	392826	54.2	8.038	-1.6%
IRVSEA-8-S-20250918	C57053	5.57	1.75	73.9	59.1	0.659	20140	0.188	0.372	0.0590	0.117		E2504531.d	2025-10-26 17:57	0.950	8.095	501887	386910	54.2	8.038	-3.1%
IRVSEA-8-D-20250918	C00730	5.97	1.87	79.2	59.1	0.659	20140	0.188	0.372	0.0590	0.117		E2504533.d	2025-10-26 18:49	0.950	8.095	534244	384522	54.2	8.038	-3.7%
IRVSEA-8-B-20250918	C37509	0.188	0.0590		59.1	0.659	20140	0.188	0.372	0.0590	0.117	ND	E2504522.d	2025-10-26 14:05	0.950	8.095	17459	417864	54.2	8.038	4.6%
IRVSEA-9-S-20250918	B51004	3.49	1.09	46.2	59.1	0.659	20140	0.188	0.372	0.0590	0.117		E2504534.d	2025-10-26 19:14	0.950	8.095	317525	391377	54.2	8.038	-2.0%
IRVSEA-10-S-20250918	B18439	7.73	2.42	103	59.1	0.659	20140	0.188	0.372	0.0590	0.117		E2504535.d	2025-10-26 19:40	0.950	8.095	709785	394443	54.2	8.038	-1.2%
IRVSEA-11-S-20250918	C60221	1.93	0.606	25.7	59.1	0.659	20140	0.188	0.372	0.0590	0.117		E2504536.d	2025-10-26 20:06	0.950	8.095	173367	384995	54.2	8.038	-3.6%
IRVSEA-12-S-20250918	C38539	2.51	0.788	33.4	59.1	0.659	20140	0.188	0.372	0.0590	0.117		E2504537.d	2025-10-26 20:32	0.950	8.095	231560	395560	54.2	8.038	-1.0%
IRVSEA-13-S-20250918	C37488	1.06	0.332	14.0	59.1	0.659	20140	0.188	0.372	0.0590	0.117		E2504538.d	2025-10-26 20:58	0.950	8.095	93442	379228	54.2	8.038	-5.0%
IRVSEA-14-S-20250918	C31378	2.52	0.789	33.4	59.0	0.659	20140	0.188	0.372	0.0590	0.117		E2504539.d	2025-10-26 21:24	0.950	8.095	237753	405684	54.2	8.038	1.6%
IRVSEA-15-S-20250918	C56799	1.01	0.316	13.4	59.0	0.659	20145	0.188	0.372	0.0590	0.117		E2504540.d	2025-10-26 21:50	0.950	8.095	95628	407176	54.2	8.038	2.0%
IRVSEA-16-S-20250918	B17387	4.65	1.46	61.7	59.0	0.659	20145	0.188	0.372	0.0590	0.117		E2504541.d	2025-10-26 22:15	0.950	8.095	436515	403216	54.2	8.038	1.0%
IRVSEA-17-S-20250918	C00809	5.16	1.62	68.4	59.0	0.659	20145	0.188	0.372	0.0590	0.117		E2504542.d	2025-10-26 22:41	0.950	8.095	490377	408353	54.2	8.038	2.2%

Toluene

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250918	C57119	3.63	0.965	37.4	59.2	0.511	20140	0.243	0.518	0.0645	0.138		E2504523.d	2025-10-26 14:30	1.128	10.832	277435	415210	63.2	10.738	4.7%
IRVSEA-2-S-20250918	C54965	5.18	1.38	53.4	59.1	0.511	20140	0.243	0.518	0.0645	0.138		E2504524.d	2025-10-26 14:56	1.128	10.831	404684	424701	63.2	10.738	7.1%
IRVSEA-2-D-20250918	C24160	4.85	1.29	49.9	59.1	0.511	20140	0.243	0.518	0.0645	0.138		E2504525.d	2025-10-26 15:22	1.128	10.832	369185	414186	63.2	10.739	4.4%
IRVSEA-2-B-20250918	C69455	0.933	0.248	9.61	59.1	0.511	20140	0.243	0.518	0.0645	0.138		E2504521.d	2025-10-26 13:39	1.128	10.832	71951	419512	63.2	10.738	5.8%
IRVSEA-3-S-20250918	C43605	4.89	1.30	50.4	59.1	0.511	20140	0.243	0.518	0.0645	0.138		E2504526.d	2025-10-26 15:48	1.128	10.832	345097	383788	63.2	10.739	-3.2%
IRVSEA-4-S-20250918	C55746	5.75	1.53	59.2	59.1	0.511	20140	0.243	0.518	0.0645	0.138		E2504527.d	2025-10-26 16:13	1.128	10.832	438856	415322	63.2	10.738	4.7%
IRVSEA-5-S-20250918	C01673	5.22	1.39	53.7	59.1	0.511	20140	0.243	0.518	0.0645	0.138		E2504528.d	2025-10-26 16:40	1.128	10.832	394581	411423	63.2	10.739	3.7%
IRVSEA-6-S-20250918	C56813	9.10	2.42	93.7	59.1	0.511	20140	0.243	0.518	0.0645	0.138		E2504529.d	2025-10-26 17:06	1.128	10.832	685673	409956	63.2	10.738	3.4%
IRVSEA-7-S-20250918	B47147	14.2	3.77	146	59.1	0.511	20140	0.243	0.518	0.0645	0.138		E2504530.d	2025-10-26 17:31	1.128	10.831	1057851	405245	63.2	10.738	2.2%
IRVSEA-8-S-20250918	C57053	22.9	6.09	236	59.1	0.511	20140	0.243	0.518	0.0645	0.138		E2504531.d	2025-10-26 17:57	1.128	10.832	1669533	396264	63.2	10.738	-0.1%
IRVSEA-8-D-20250918	C00730	21.7	5.77	224	59.1	0.511	20140	0.243	0.518	0.0645	0.138		E2504533.d	2025-10-26 18:49	1.128	10.832	1593072	398948	63.2	10.739	0.6%
IRVSEA-8-B-20250918	C37509	0.364	0.0967	3.75	59.1	0.511	20140	0.243	0.518	0.0645	0.138	J	E2504522.d	2025-10-26 14:05	1.128	10.832	28456	424913	63.2	10.738	7.1%
IRVSEA-9-S-20250918	B51004	10.6	2.81	109	59.1	0.511	20140	0.243	0.518	0.0645	0.138		E2504534.d	2025-10-26 19:14	1.128	10.832	771430	397123	63.2	10.738	0.1%
IRVSEA-10-S-20250918	B18439	12.7	3.36	130	59.1	0.511	20140	0.243	0.518	0.0645	0.138		E2504535.d	2025-10-26 19:40	1.128	10.832	928340	398918	63.2	10.739	0.6%
IRVSEA-11-S-20250918	C60221	8.35	2.22	86.0	59.1	0.511	20140	0.243	0.518	0.0645	0.138		E2504536.d	2025-10-26 20:06	1.128	10.832	609673	397287	63.2	10.738	0.2%
IRVSEA-12-S-20250918	C38539	6.07	1.61	62.5	59.1	0.511	20140	0.243	0.518	0.0645	0.138		E2504537.d	2025-10-26 20:32	1.128	10.832	452353	405204	63.2	10.739	2.2%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2025GG401-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Toluene

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-13-S-20250918	C37488	3.51	0.931	36.1	59.1	0.511	20140	0.243	0.518	0.0645	0.138		E2504538.d	2025-10-26 20:58	1.128	10.832	252073	390877	63.2	10.739	-1.5%
IRVSEA-14-S-20250918	C31378	3.34	0.887	34.4	59.0	0.511	20140	0.243	0.518	0.0645	0.138		E2504539.d	2025-10-26 21:24	1.128	10.832	253773	413181	63.2	10.739	4.2%
IRVSEA-15-S-20250918	C56799	3.36	0.893	34.6	59.0	0.511	20145	0.243	0.518	0.0645	0.138		E2504540.d	2025-10-26 21:50	1.128	10.832	256872	415487	63.2	10.739	4.8%
IRVSEA-16-S-20250918	B17387	3.68	0.978	37.9	59.0	0.511	20145	0.243	0.518	0.0645	0.138		E2504541.d	2025-10-26 22:15	1.128	10.832	278032	410610	63.2	10.739	3.5%
IRVSEA-17-S-20250918	C00809	3.18	0.843	32.7	59.0	0.511	20145	0.243	0.518	0.0645	0.138		E2504542.d	2025-10-26 22:41	1.128	10.832	244099	418006	63.2	10.739	5.4%

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250918	C57119	0.796	0.183	7.25	59.2	0.452	20140	0.274	0.563	0.0632	0.130		E2504523.d	2025-10-26 14:30	1.266	13.031	60319	415210	63.2	10.738	4.7%
IRVSEA-2-S-20250918	C54965	0.822	0.189	7.48	59.1	0.452	20140	0.274	0.563	0.0632	0.130		E2504524.d	2025-10-26 14:56	1.266	13.031	63704	424701	63.2	10.738	7.1%
IRVSEA-2-D-20250918	C24160	1.10	0.252	9.98	59.1	0.452	20140	0.274	0.563	0.0632	0.130		E2504525.d	2025-10-26 15:22	1.266	13.031	82843	414186	63.2	10.739	4.4%
IRVSEA-2-B-20250918	C69455	0.274	0.0632		59.1	0.452	20140	0.274	0.563	0.0632	0.130	ND	E2504521.d	2025-10-26 13:39	1.266	13.031	10026	419512	63.2	10.738	5.8%
IRVSEA-3-S-20250918	C43605	1.26	0.291	11.5	59.1	0.452	20140	0.274	0.563	0.0632	0.130		E2504526.d	2025-10-26 15:48	1.266	13.031	88549	383788	63.2	10.739	-3.2%
IRVSEA-4-S-20250918	C55746	1.14	0.263	10.4	59.1	0.452	20140	0.274	0.563	0.0632	0.130		E2504527.d	2025-10-26 16:13	1.266	13.024	86541	415322	63.2	10.738	4.7%
IRVSEA-5-S-20250918	C01673	1.04	0.239	9.45	59.1	0.452	20140	0.274	0.563	0.0632	0.130		E2504528.d	2025-10-26 16:40	1.266	13.031	77918	411423	63.2	10.739	3.7%
IRVSEA-6-S-20250918	C56813	1.66	0.382	15.1	59.1	0.452	20140	0.274	0.563	0.0632	0.130		E2504529.d	2025-10-26 17:06	1.266	13.031	124072	409956	63.2	10.738	3.4%
IRVSEA-7-S-20250918	B47147	2.74	0.631	25.0	59.1	0.452	20140	0.274	0.563	0.0632	0.130		E2504530.d	2025-10-26 17:31	1.266	13.030	202703	405245	63.2	10.738	2.2%
IRVSEA-8-S-20250918	C57053	3.82	0.880	34.8	59.1	0.452	20140	0.274	0.563	0.0633	0.130		E2504531.d	2025-10-26 17:57	1.266	13.031	276145	396264	63.2	10.738	-0.1%
IRVSEA-8-D-20250918	C00730	3.96	0.912	36.1	59.1	0.452	20140	0.274	0.563	0.0633	0.130		E2504533.d	2025-10-26 18:49	1.266	13.031	288393	398948	63.2	10.739	0.6%
IRVSEA-8-B-20250918	C37509	0.274	0.0633		59.1	0.452	20140	0.274	0.563	0.0633	0.130	ND	E2504522.d	2025-10-26 14:05	1.266	13.031	5556	424913	63.2	10.738	7.1%
IRVSEA-9-S-20250918	B51004	2.08	0.480	19.0	59.1	0.452	20140	0.274	0.563	0.0633	0.130		E2504534.d	2025-10-26 19:14	1.266	13.031	151114	397123	63.2	10.738	0.1%
IRVSEA-10-S-20250918	B18439	2.58	0.594	23.5	59.1	0.452	20140	0.274	0.563	0.0633	0.130		E2504535.d	2025-10-26 19:40	1.266	13.024	187869	398918	63.2	10.739	0.6%
IRVSEA-11-S-20250918	C60221	1.75	0.402	15.9	59.1	0.452	20140	0.274	0.563	0.0633	0.130		E2504536.d	2025-10-26 20:06	1.266	13.024	126673	397287	63.2	10.738	0.2%
IRVSEA-12-S-20250918	C38539	1.33	0.307	12.1	59.1	0.452	20140	0.274	0.563	0.0633	0.130		E2504537.d	2025-10-26 20:32	1.266	13.024	98474	405204	63.2	10.739	2.2%
IRVSEA-13-S-20250918	C37488	0.984	0.227	8.96	59.1	0.452	20140	0.274	0.563	0.0633	0.130		E2504538.d	2025-10-26 20:58	1.266	13.031	70200	390877	63.2	10.739	-1.5%
IRVSEA-14-S-20250918	C31378	0.822	0.190	7.49	59.0	0.452	20140	0.274	0.563	0.0633	0.130		E2504539.d	2025-10-26 21:24	1.266	13.031	62038	413181	63.2	10.739	4.2%
IRVSEA-15-S-20250918	C56799	0.845	0.195	7.70	59.0	0.452	20145	0.274	0.563	0.0632	0.130		E2504540.d	2025-10-26 21:50	1.266	13.031	64138	415487	63.2	10.739	4.8%
IRVSEA-16-S-20250918	B17387	0.930	0.214	8.47	59.0	0.452	20145	0.274	0.563	0.0632	0.130		E2504541.d	2025-10-26 22:15	1.266	13.024	69738	410610	63.2	10.739	3.5%
IRVSEA-17-S-20250918	C00809	1.01	0.232	9.18	59.0	0.452	20145	0.274	0.563	0.0632	0.130		E2504542.d	2025-10-26 22:41	1.266	13.031	76930	418006	63.2	10.739	5.4%

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250918	C57119	3.15	0.725	28.7	59.2	0.452	20140	0.274	0.532	0.0632	0.123		E2504523.d	2025-10-26 14:30	0.954	13.203	179805	415210	63.2	10.738	4.7%
IRVSEA-2-S-20250918	C54965	2.88	0.663	26.2	59.1	0.452	20140	0.274	0.532	0.0632	0.123		E2504524.d	2025-10-26 14:56	0.954	13.202	168008	424701	63.2	10.738	7.1%
IRVSEA-2-D-20250918	C24160	3.19	0.736	29.1	59.1	0.452	20140	0.274	0.532	0.0632	0.123		E2504525.d	2025-10-26 15:22	0.954	13.203	182001	414186	63.2	10.739	4.4%
IRVSEA-2-B-20250918	C69455	0.449	0.103	4.09	59.1	0.452	20140	0.274	0.532	0.0632	0.123	J	E2504521.d	2025-10-26 13:39	0.954	13.203	25907	419512	63.2	10.738	5.8%
IRVSEA-3-S-20250918	C43605	3.81	0.878	34.7	59.1	0.452	20140	0.274	0.532	0.0632	0.123		E2504526.d	2025-10-26 15:48	0.954	13.203	201237	383788	63.2	10.739	-3.2%
IRVSEA-4-S-20250918	C55746	3.80	0.876	34.6	59.1	0.452	20140	0.274	0.532	0.0632	0.123		E2504527.d	2025-10-26 16:13	0.954	13.203	217297	415322	63.2	10.738	4.7%
IRVSEA-5-S-20250918	C01673	3.27	0.753	29.8	59.1	0.452	20140	0.274	0.532	0.0632	0.123		E2504528.d	2025-10-26 16:40	0.954	13.203	184920	411423	63.2	10.739	3.7%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
 Job No.: 2025GG401-1 EPA Method 325B Analysis
 Client No.: PROJ-050105 Site: Irving Oil - Searsport

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-6-S-20250918	C56813	6.33	1.46	57.7	59.1	0.452	20140	0.274	0.532	0.0632	0.123		E2504529.d	2025-10-26 17:06	0.954	13.203	357159	409956	63.2	10.738	3.4%
IRVSEA-7-S-20250918	B47147	8.42	1.94	76.7	59.1	0.452	20140	0.274	0.532	0.0632	0.123		E2504530.d	2025-10-26 17:31	0.954	13.202	469300	405245	63.2	10.738	2.2%
IRVSEA-8-S-20250918	C57053	14.0	3.24	128	59.1	0.452	20140	0.274	0.532	0.0633	0.123		E2504531.d	2025-10-26 17:57	0.954	13.203	765467	396264	63.2	10.738	-0.1%
IRVSEA-8-D-20250918	C00730	14.2	3.27	129	59.1	0.452	20140	0.274	0.532	0.0633	0.123		E2504533.d	2025-10-26 18:49	0.954	13.203	778243	398948	63.2	10.739	0.6%
IRVSEA-8-B-20250918	C37509	0.274	0.0633		59.1	0.452	20140	0.274	0.532	0.0633	0.123	ND	E2504522.d	2025-10-26 14:05	0.954	13.203	4771	424913	63.2	10.738	7.1%
IRVSEA-9-S-20250918	B51004	6.95	1.60	63.3	59.1	0.452	20140	0.274	0.532	0.0633	0.123		E2504534.d	2025-10-26 19:14	0.954	13.203	379977	397123	63.2	10.738	0.1%
IRVSEA-10-S-20250918	B18439	8.28	1.91	75.4	59.1	0.452	20140	0.274	0.532	0.0633	0.123		E2504535.d	2025-10-26 19:40	0.954	13.203	454223	398918	63.2	10.739	0.6%
IRVSEA-11-S-20250918	C60221	6.72	1.55	61.2	59.1	0.452	20140	0.274	0.532	0.0633	0.123		E2504536.d	2025-10-26 20:06	0.954	13.203	367288	397287	63.2	10.738	0.2%
IRVSEA-12-S-20250918	C38539	4.07	0.938	37.1	59.1	0.452	20140	0.274	0.532	0.0633	0.123		E2504537.d	2025-10-26 20:32	0.954	13.203	226954	405204	63.2	10.739	2.2%
IRVSEA-13-S-20250918	C37488	2.64	0.609	24.1	59.1	0.452	20140	0.274	0.532	0.0633	0.123		E2504538.d	2025-10-26 20:58	0.954	13.203	142198	390877	63.2	10.739	-1.5%
IRVSEA-14-S-20250918	C31378	2.16	0.498	19.7	59.0	0.452	20140	0.274	0.532	0.0633	0.123		E2504539.d	2025-10-26 21:24	0.954	13.203	122739	413181	63.2	10.739	4.2%
IRVSEA-15-S-20250918	C56799	3.18	0.733	29.0	59.0	0.452	20145	0.274	0.532	0.0632	0.123		E2504540.d	2025-10-26 21:50	0.954	13.203	181900	415487	63.2	10.739	4.8%
IRVSEA-16-S-20250918	B17387	2.24	0.517	20.4	59.0	0.452	20145	0.274	0.532	0.0632	0.123		E2504541.d	2025-10-26 22:15	0.954	13.203	126692	410610	63.2	10.739	3.5%
IRVSEA-17-S-20250918	C00809	2.14	0.493	19.5	59.0	0.452	20145	0.274	0.532	0.0632	0.123		E2504542.d	2025-10-26 22:41	0.954	13.203	122980	418006	63.2	10.739	5.4%

o-Xylene

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250918	C57119	1.15	0.265	10.5	59.2	0.452	20140	0.274	0.555	0.0632	0.128		E2504523.d	2025-10-26 14:30	1.021	13.704	70311	415210	63.2	10.738	4.7%
IRVSEA-2-S-20250918	C54965	0.989	0.228	9.01	59.1	0.452	20140	0.274	0.555	0.0632	0.128		E2504524.d	2025-10-26 14:56	1.021	13.704	61820	424701	63.2	10.738	7.1%
IRVSEA-2-D-20250918	C24160	1.16	0.267	10.6	59.1	0.452	20140	0.274	0.555	0.0632	0.128		E2504525.d	2025-10-26 15:22	1.021	13.704	70720	414186	63.2	10.739	4.4%
IRVSEA-2-B-20250918	C69455	0.274	0.0632		59.1	0.452	20140	0.274	0.555	0.0632	0.128	ND	E2504521.d	2025-10-26 13:39	1.021	13.704	9155	419512	63.2	10.738	5.8%
IRVSEA-3-S-20250918	C43605	1.30	0.300	11.9	59.1	0.452	20140	0.274	0.555	0.0632	0.128		E2504526.d	2025-10-26 15:48	1.021	13.704	73629	383788	63.2	10.739	-3.2%
IRVSEA-4-S-20250918	C55746	1.21	0.279	11.0	59.1	0.452	20140	0.274	0.555	0.0632	0.128		E2504527.d	2025-10-26 16:13	1.021	13.704	74032	415322	63.2	10.738	4.7%
IRVSEA-5-S-20250918	C01673	1.15	0.266	10.5	59.1	0.452	20140	0.274	0.555	0.0632	0.128		E2504528.d	2025-10-26 16:40	1.021	13.704	69820	411423	63.2	10.739	3.7%
IRVSEA-6-S-20250918	C56813	2.27	0.523	20.7	59.1	0.452	20140	0.274	0.555	0.0632	0.128		E2504529.d	2025-10-26 17:06	1.021	13.704	136984	409956	63.2	10.738	3.4%
IRVSEA-7-S-20250918	B47147	3.10	0.715	28.3	59.1	0.452	20140	0.274	0.555	0.0632	0.128		E2504530.d	2025-10-26 17:31	1.021	13.704	185022	405245	63.2	10.738	2.2%
IRVSEA-8-S-20250918	C57053	4.97	1.15	45.3	59.1	0.452	20140	0.274	0.555	0.0633	0.128		E2504531.d	2025-10-26 17:57	1.021	13.704	289847	396264	63.2	10.738	-0.1%
IRVSEA-8-D-20250918	C00730	5.09	1.17	46.4	59.1	0.452	20140	0.274	0.555	0.0633	0.128		E2504533.d	2025-10-26 18:49	1.021	13.704	299140	398948	63.2	10.739	0.6%
IRVSEA-8-B-20250918	C37509	0.274	0.0633		59.1	0.452	20140	0.274	0.555	0.0633	0.128	ND	E2504522.d	2025-10-26 14:05	1.021	13.704	1493	424913	63.2	10.738	7.1%
IRVSEA-9-S-20250918	B51004	2.54	0.586	23.2	59.1	0.452	20140	0.274	0.555	0.0633	0.128		E2504534.d	2025-10-26 19:14	1.021	13.704	148557	397123	63.2	10.738	0.1%
IRVSEA-10-S-20250918	B18439	2.90	0.668	26.4	59.1	0.452	20140	0.274	0.555	0.0633	0.128		E2504535.d	2025-10-26 19:40	1.021	13.704	170158	398918	63.2	10.739	0.6%
IRVSEA-11-S-20250918	C60221	2.40	0.554	21.9	59.1	0.452	20140	0.274	0.555	0.0633	0.128		E2504536.d	2025-10-26 20:06	1.021	13.704	140526	397287	63.2	10.738	0.2%
IRVSEA-12-S-20250918	C38539	1.47	0.338	13.3	59.1	0.452	20140	0.274	0.555	0.0633	0.128		E2504537.d	2025-10-26 20:32	1.021	13.704	87385	405204	63.2	10.739	2.2%
IRVSEA-13-S-20250918	C37488	0.968	0.223	8.81	59.1	0.452	20140	0.274	0.555	0.0633	0.128		E2504538.d	2025-10-26 20:58	1.021	13.704	55670	390877	63.2	10.739	-1.5%
IRVSEA-14-S-20250918	C31378	0.761	0.175	6.93	59.0	0.452	20140	0.274	0.555	0.0633	0.128		E2504539.d	2025-10-26 21:24	1.021	13.704	46296	413181	63.2	10.739	4.2%
IRVSEA-15-S-20250918	C56799	1.17	0.271	10.7	59.0	0.452	20145	0.274	0.555	0.0632	0.128		E2504540.d	2025-10-26 21:50	1.021	13.704	71824	415487	63.2	10.739	4.8%
IRVSEA-16-S-20250918	B17387	0.838	0.193	7.63	59.0	0.452	20145	0.274	0.555	0.0632	0.128		E2504541.d	2025-10-26 22:15	1.021	13.704	50622	410610	63.2	10.739	3.5%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG401-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

o-Xylene

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-17-S-20250918	C00809	0.785	0.181	7.15	59.0	0.452	20145	0.274	0.555	0.0632	0.128		E2504542.d	2025-10-26 22:41	1.021	13.704	48320	418006	63.2	10.739	5.4%

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit

ND: The analyte was not present above the Method Detection Limit

QC Data



Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG401-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m ³)	IRVSEA-2-B-20250918	0.337	Pass	0.933	Fail	ND	Pass	0.449	Pass	ND	Pass
	IRVSEA-8-B-20250918	ND	Pass	0.364	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	IRVSEA-2-D-20250918	1.1%	Pass	6.7%	Pass	29%	Pass	10%	Pass	16%	Pass
	IRVSEA-8-D-20250918	6.9%	Pass	5.4%	Pass	3.7%	Pass	0.98%	Pass	2.5%	Pass

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG401-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	E2504519.d	C24098	Cal	0.950		0.950	8.4%	-23%		Pass	
2025GG401 Method Blank-1	E2504520.d	C35766	Blank			0.950			-1.8%	Pass	ND
M325B CCV 5	E2504532.d	C38875	Check	0.980		0.950	12%		-0.55%	Pass	
M325B CCV 5 REC	E2504543.d	C24098	Check	0.972		0.950	11%		-15%	Pass	

Toluene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	E2504519.d	C24098	Cal	1.128		1.128	14%	-27%		Pass	
2025GG401 Method Blank-1	E2504520.d	C35766	Blank			1.128			-0.48%	Pass	ND
M325B CCV 5	E2504532.d	C38875	Check	1.161		1.128	17%		1.2%	Pass	
M325B CCV 5 REC	E2504543.d	C24098	Check	1.150		1.128	16%		-13%	Pass	

Ethylbenzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	E2504519.d	C24098	Cal	1.266		1.266	6.0%	-27%		Pass	
2025GG401 Method Blank-1	E2504520.d	C35766	Blank			1.266			-0.48%	Pass	ND
M325B CCV 5	E2504532.d	C38875	Check	1.258		1.266	5.3%		1.2%	Pass	
M325B CCV 5 REC	E2504543.d	C24098	Check	1.263		1.266	5.7%		-13%	Pass	

m-/p-Xylenes Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	E2504519.d	C24098	Cal	0.954		0.954	-8.0%	-27%		Pass	
2025GG401 Method Blank-1	E2504520.d	C35766	Blank			0.954			-0.48%	Pass	ND
M325B CCV 5	E2504532.d	C38875	Check	0.900		0.954	-13%		1.2%	Pass	
M325B CCV 5 REC	E2504543.d	C24098	Check	0.938		0.954	-9.6%		-13%	Pass	

o-Xylene Calibration and Blanks

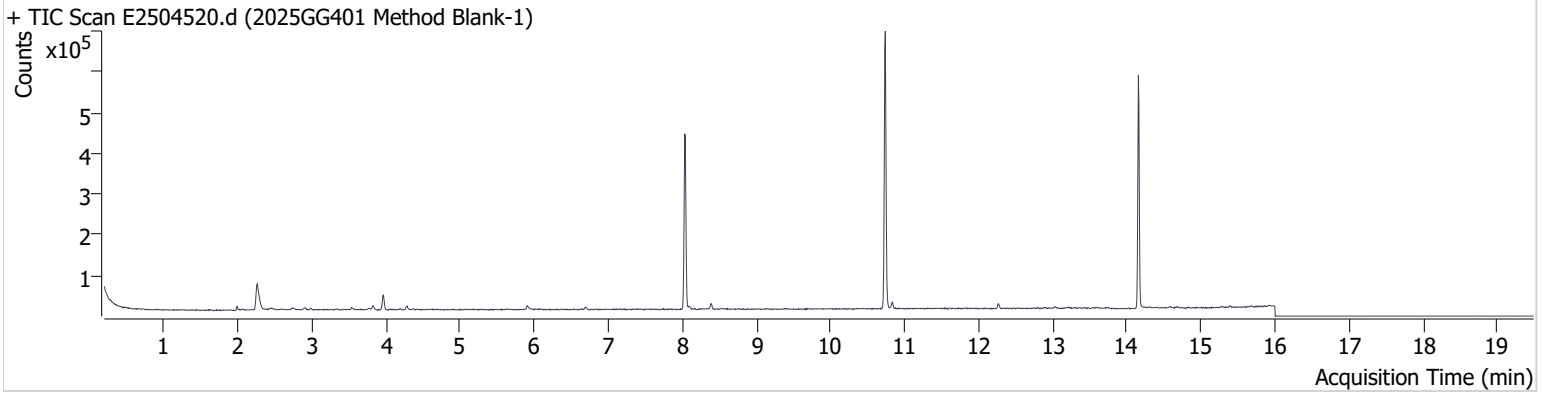
Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	E2504519.d	C24098	Cal	1.021		1.021	7.4%	-27%		Pass	
2025GG401 Method Blank-1	E2504520.d	C35766	Blank			1.021			-0.48%	Pass	ND
M325B CCV 5	E2504532.d	C38875	Check	0.901		1.021	-5.2%		1.2%	Pass	
M325B CCV 5 REC	E2504543.d	C24098	Check	1.002		1.021	5.5%		-13%	Pass	

Chromatograms



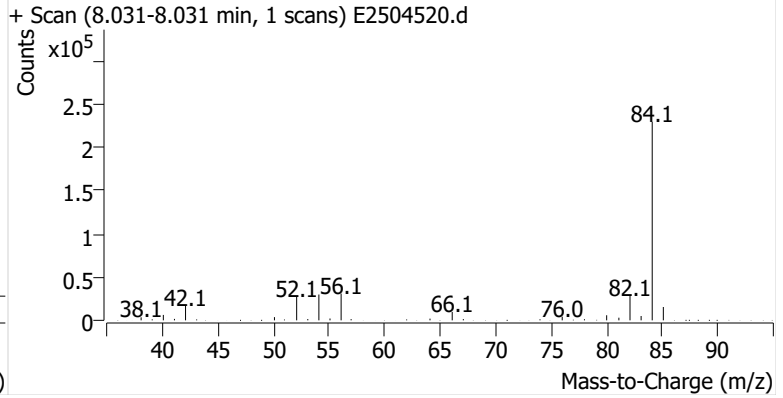
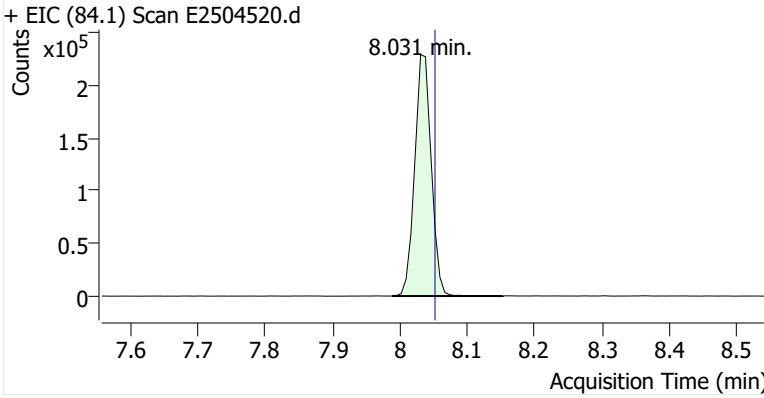
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Acq. Date-Time 10/26/2025 1:13:55 PM
Acq. Method File M325B-MTD
Tube Sorbent CarbopackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

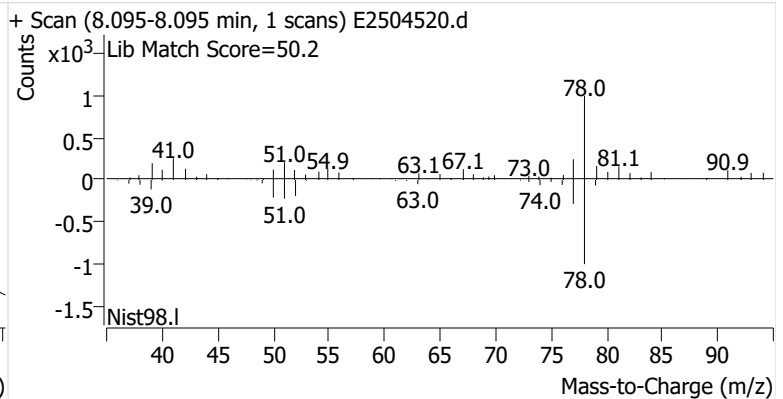
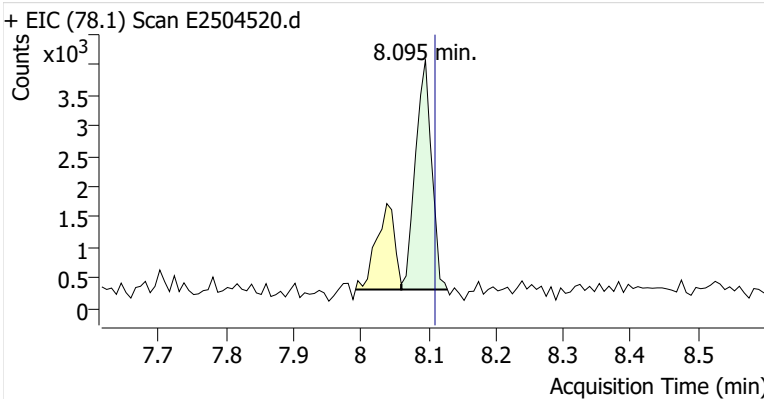


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.031	8.052	392,321	
Benzene	benzene-d6 (IS)	8.095	8.110	6,286	
Toluene-d8 (IS)		10.739	10.753	394,737	
Toluene	Toluene-d8 (IS)	10.832	10.846	9,999	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	2,628	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	1,469	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	909	

benzene-d6 (IS)

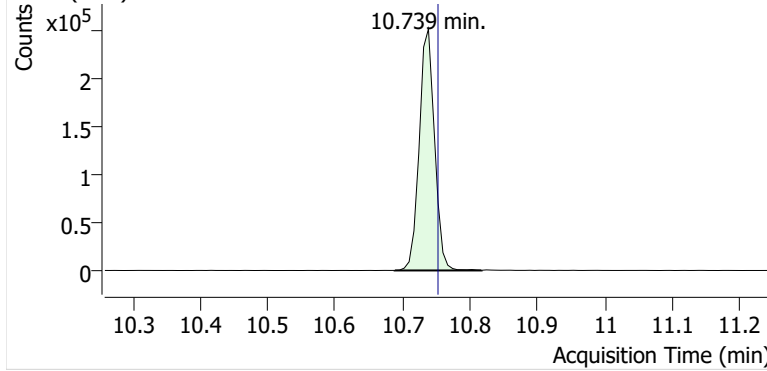


Benzene

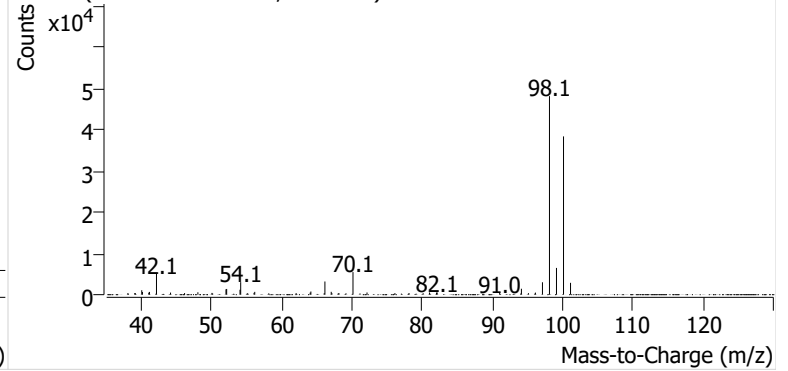


Toluene-d8 (IS)

+ EIC (98.1) Scan E2504520.d

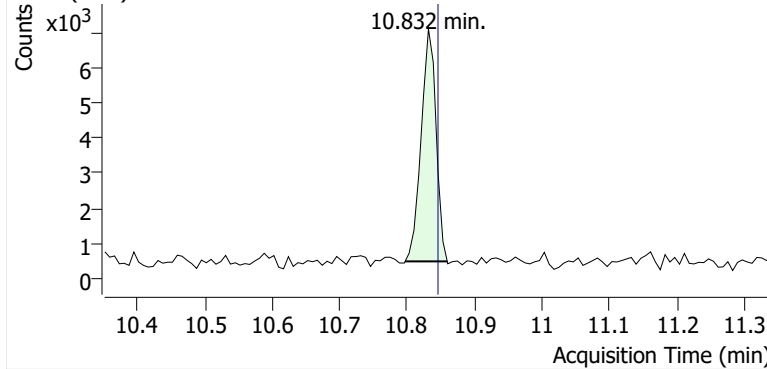


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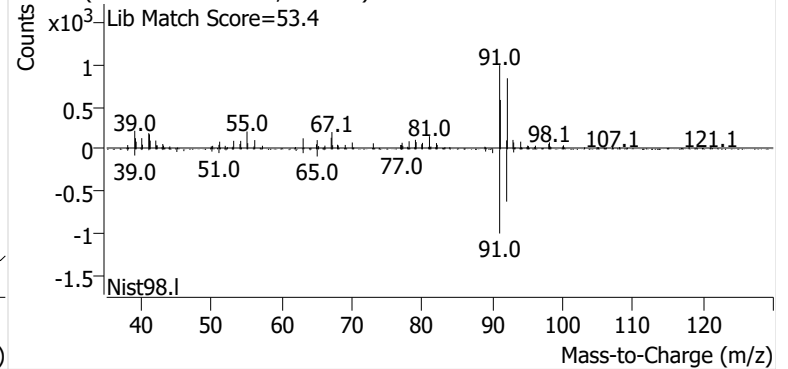


Toluene

+ EIC (91.1) Scan E2504520.d

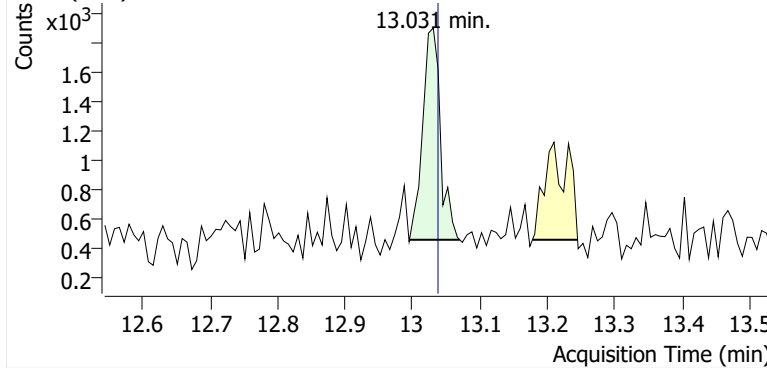


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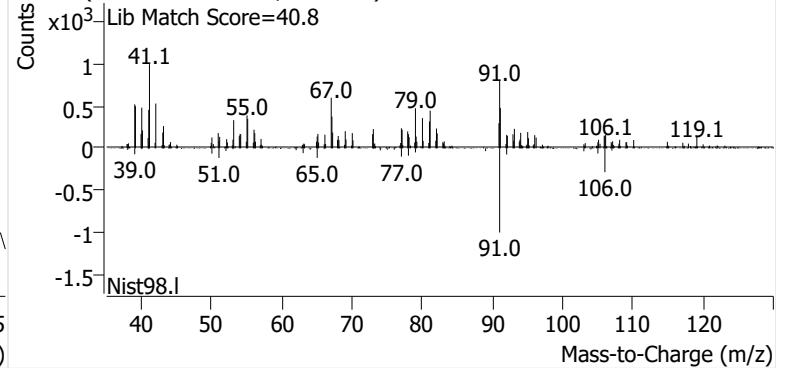


Ethylbenzene

+ EIC (91.1) Scan E2504520.d

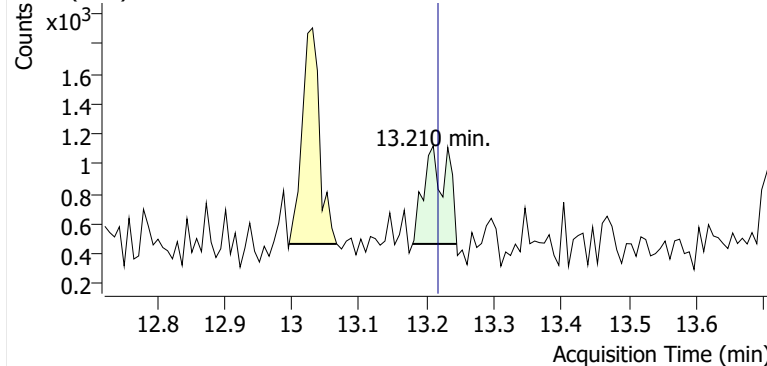


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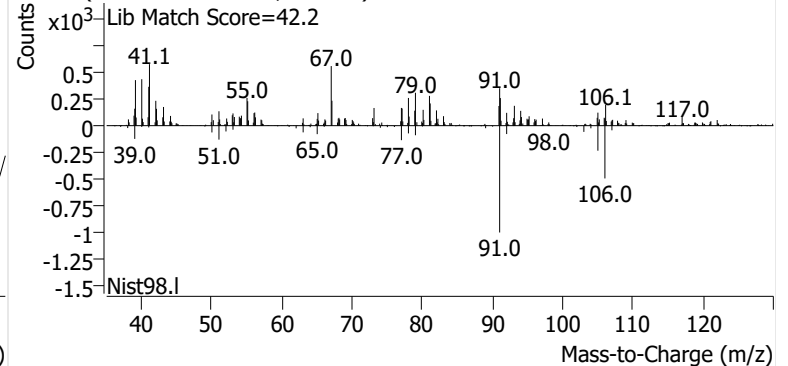


m-/p-Xylenes

+ EIC (91.1) Scan E2504520.d

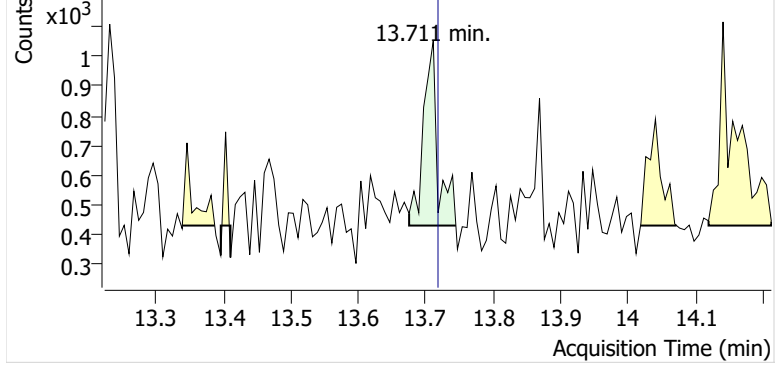


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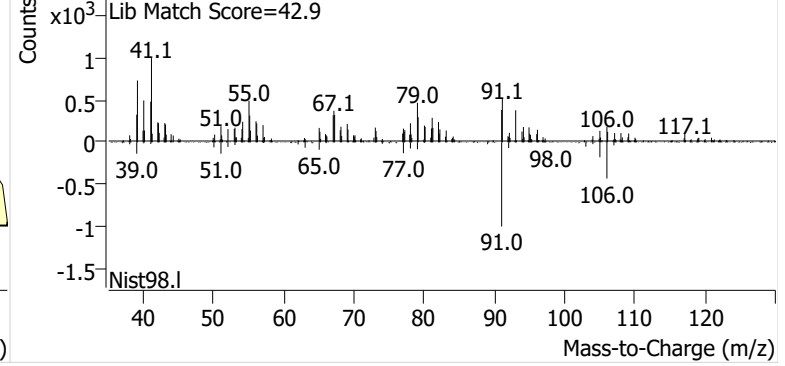


o-Xylene

+ EIC (91.1) Scan E2504520.d

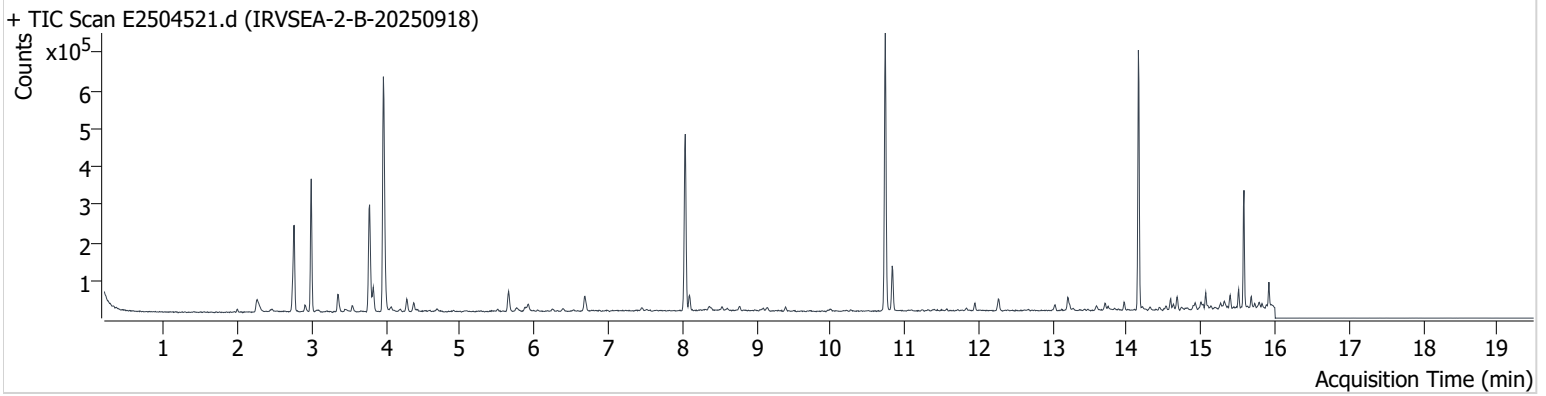


+ Scan (13.675-13.745 min, 10 scans) E2504520.d



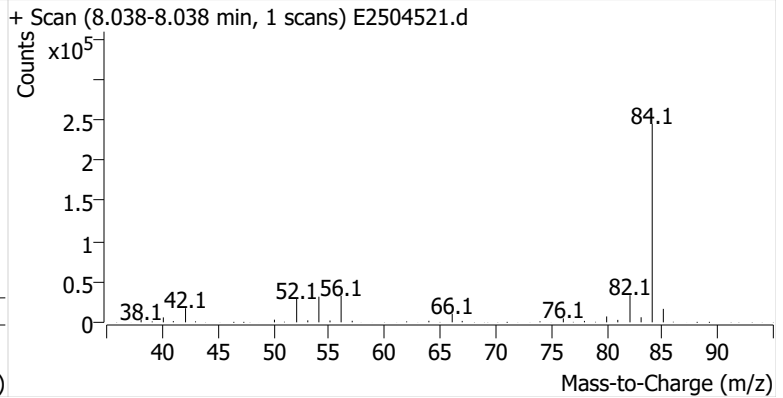
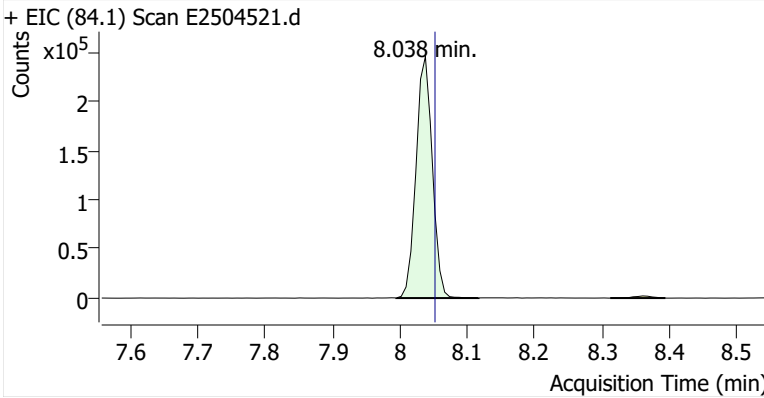
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Acq. Method File M325B-MTD
Tube Sorbent CarbopackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

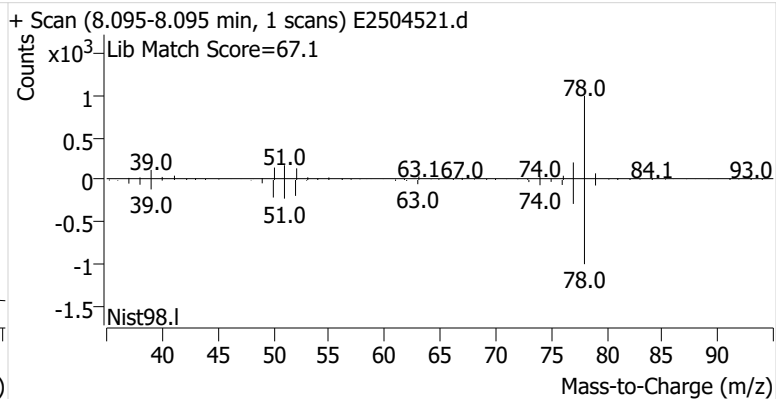
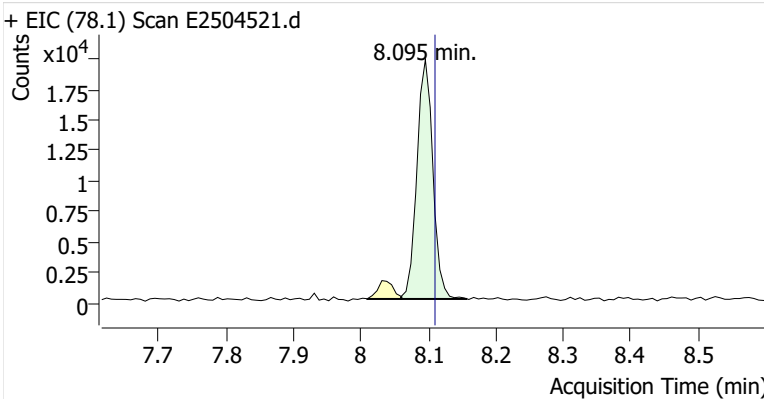


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	411,146	
Benzene	benzene-d6 (IS)	8.095	8.110	32,218	
Toluene-d8 (IS)		10.738	10.753	419,512	
Toluene	Toluene-d8 (IS)	10.832	10.846	71,951	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	10,026	
m-/p-Xylenes	Toluene-d8 (IS)	13.203	13.217	25,907	
o-Xylene	Toluene-d8 (IS)	13.704	13.718	9,155	

benzene-d6 (IS)

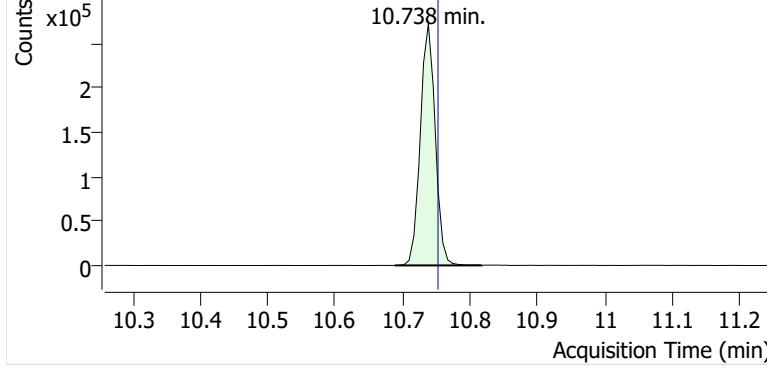


Benzene

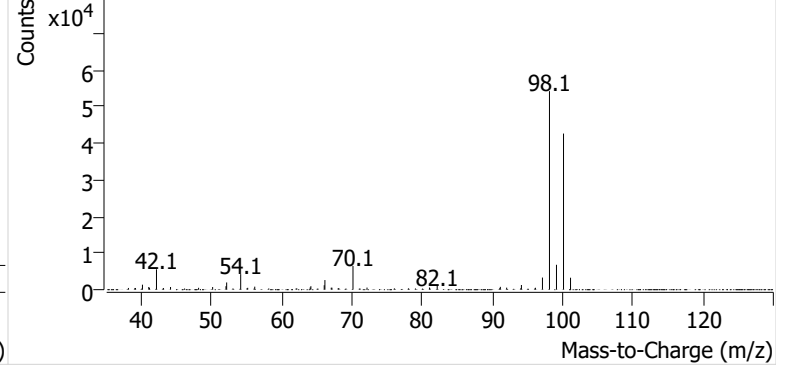


Toluene-d8 (IS)

+ EIC (98.1) Scan E2504521.d

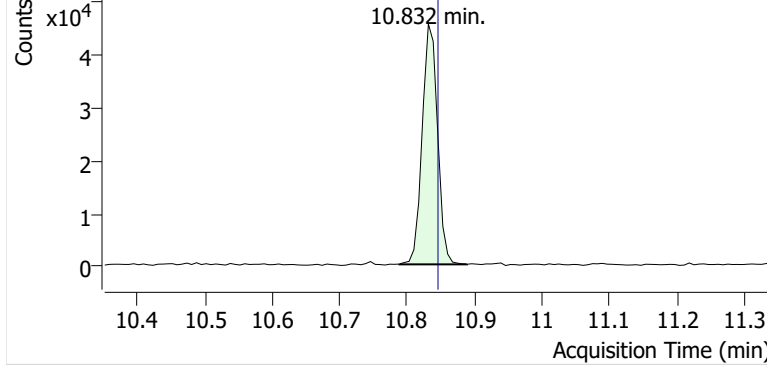


+ Scan (10.688-10.817 min, 18 scans) E2504521.d

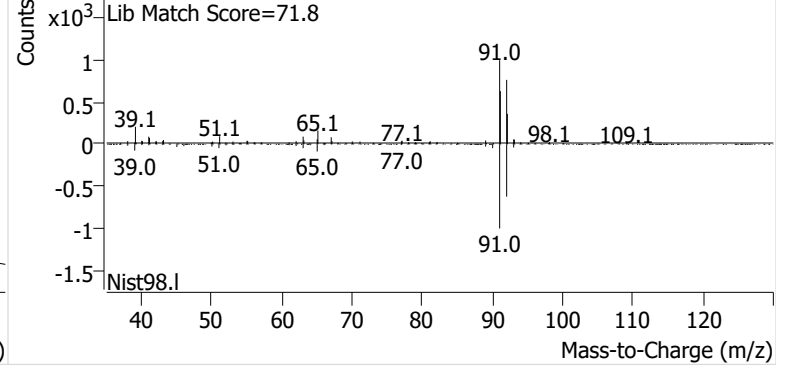


Toluene

+ EIC (91.1) Scan E2504521.d

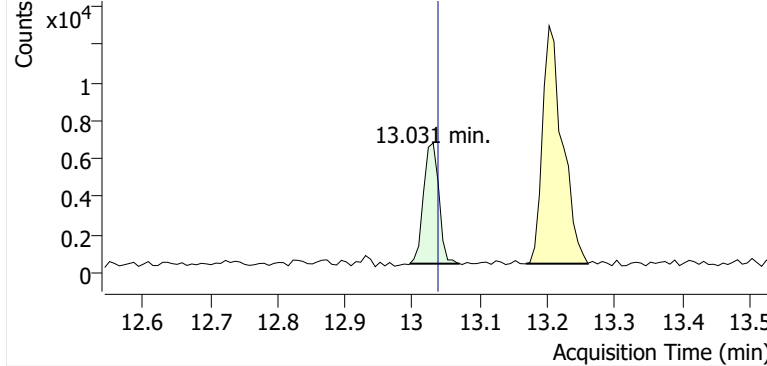


+ Scan (10.789-10.889 min, 15 scans) E2504521.d

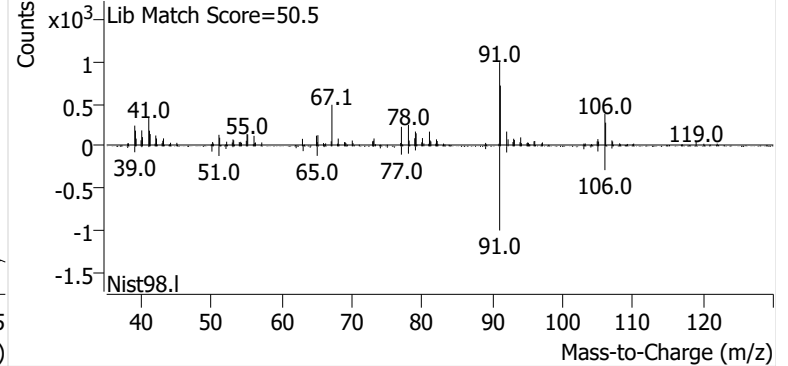


Ethylbenzene

+ EIC (91.1) Scan E2504521.d

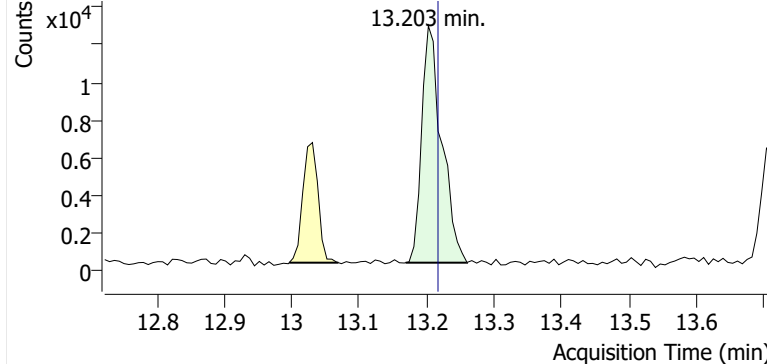


+ Scan (12.996-13.070 min, 10 scans) E2504521.d

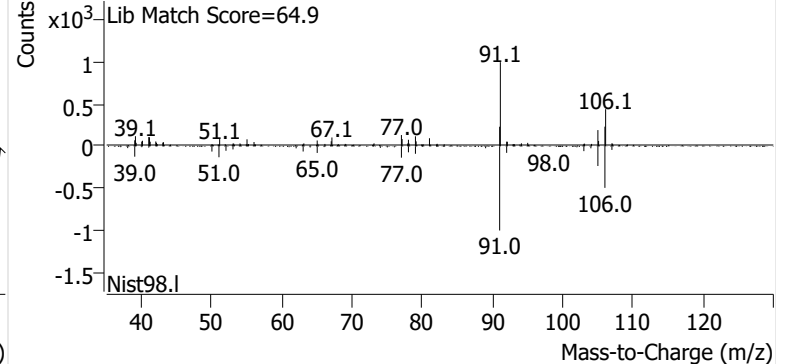


m-/p-Xylenes

+ EIC (91.1) Scan E2504521.d

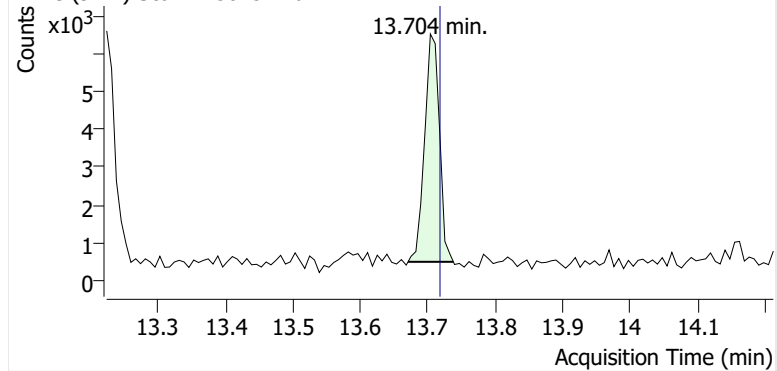


+ Scan (13.169-13.260 min, 13 scans) E2504521.d

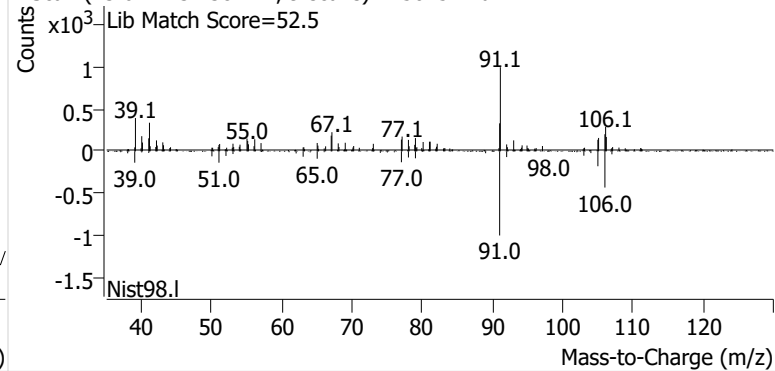


o-Xylene

+ EIC (91.1) Scan E2504521.d

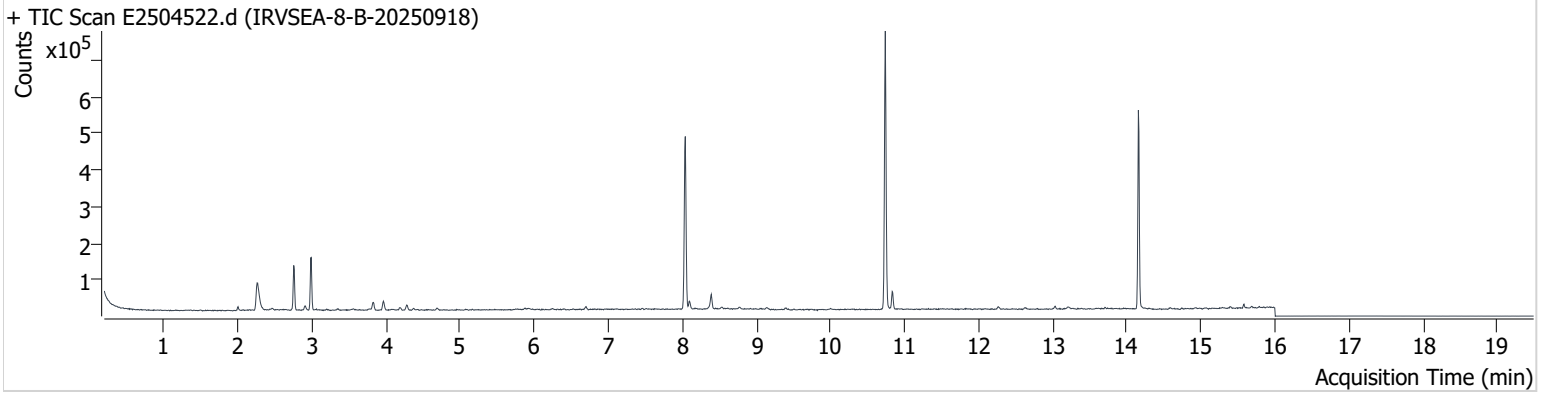


+ Scan (13.671-13.738 min, 9 scans) E2504521.d



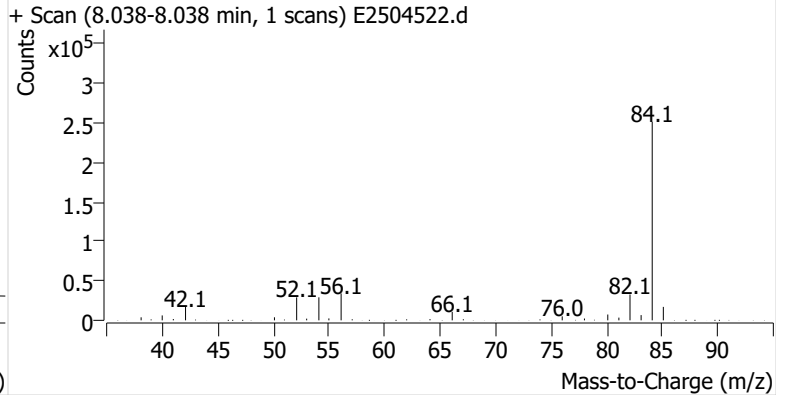
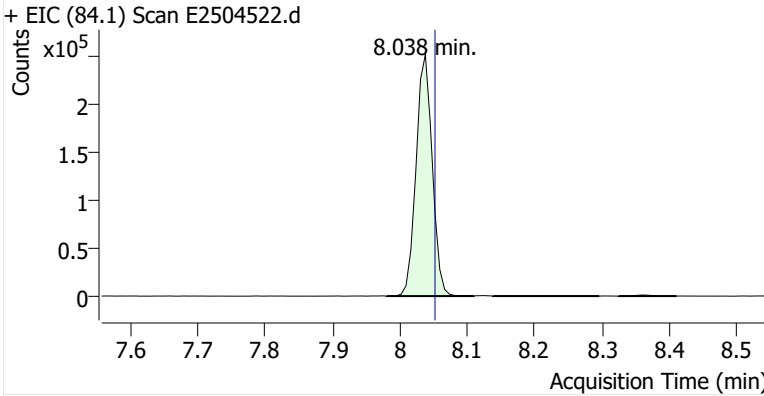
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Comment C37509
Data File E2504522.d
Acq. Date-Time 10/26/2025 2:05:11 PM
Acq. Method File M325B-MTD
Tube Sorbent CarbopackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

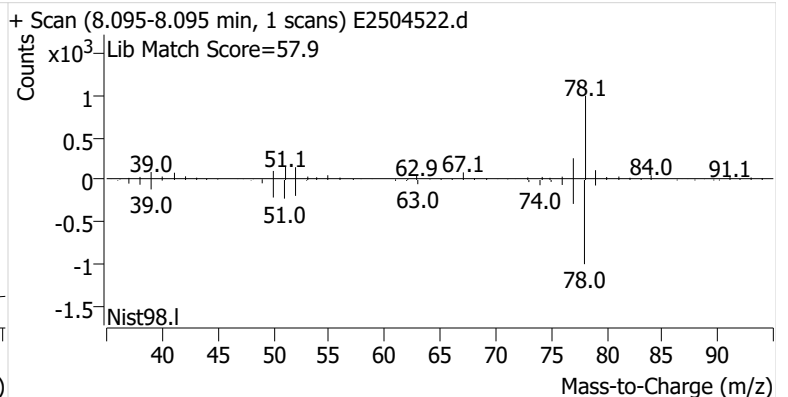
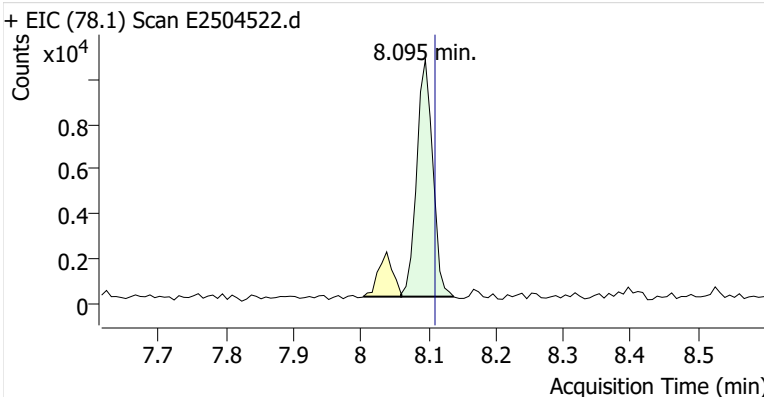


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	417,864	
Benzene	benzene-d6 (IS)	8.095	8.110	17,459	
Toluene-d8 (IS)		10.738	10.753	424,913	
Toluene	Toluene-d8 (IS)	10.832	10.846	28,456	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	5,556	
m-/p-Xylenes	Toluene-d8 (IS)	13.203	13.217	4,771	
o-Xylene	Toluene-d8 (IS)	13.704	13.718	1,493	

benzene-d6 (IS)

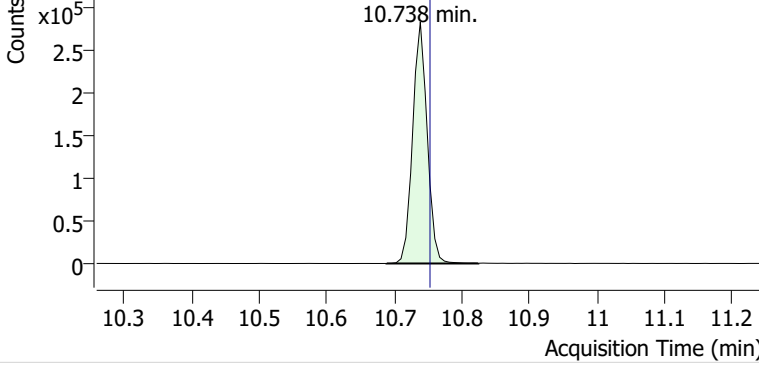


Benzene

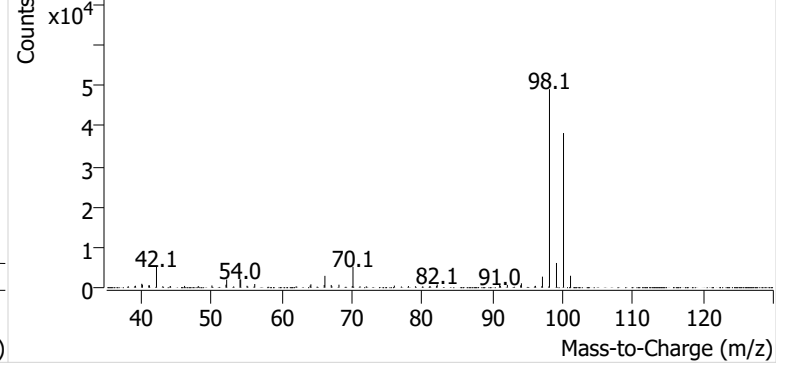


Toluene-d8 (IS)

+ EIC (98.1) Scan E2504522.d

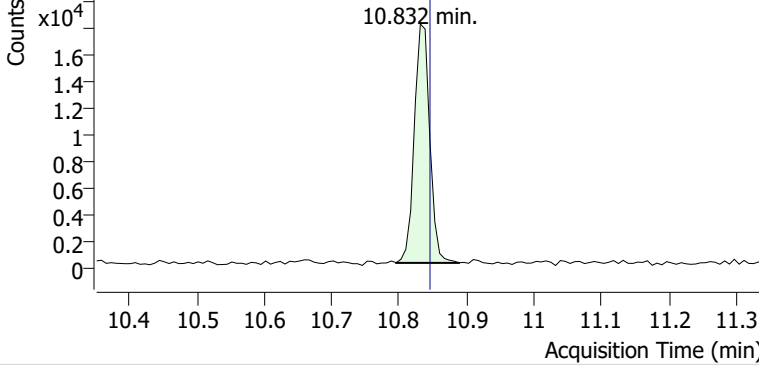


+ Scan (10.688-10.824 min, 20 scans) E2504522.d

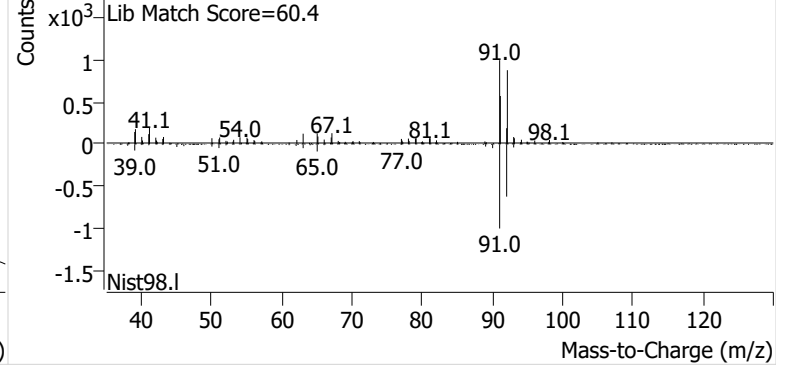


Toluene

+ EIC (91.1) Scan E2504522.d

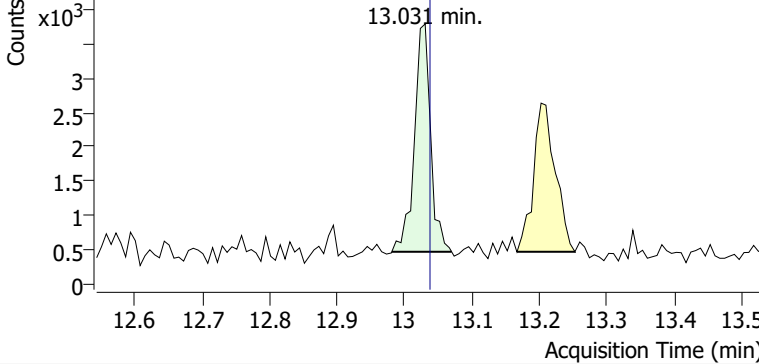


+ Scan (10.796-10.889 min, 14 scans) E2504522.d

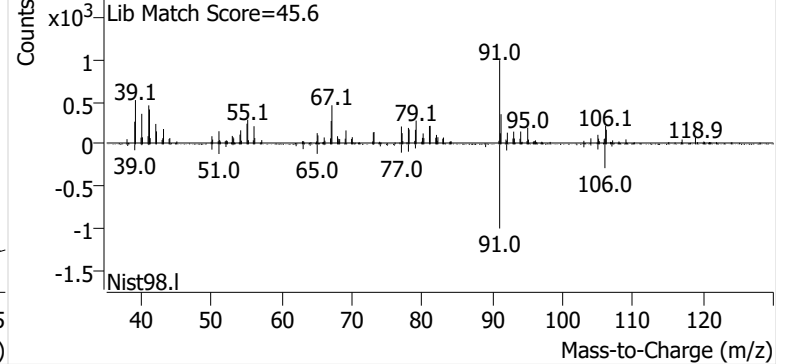


Ethylbenzene

+ EIC (91.1) Scan E2504522.d

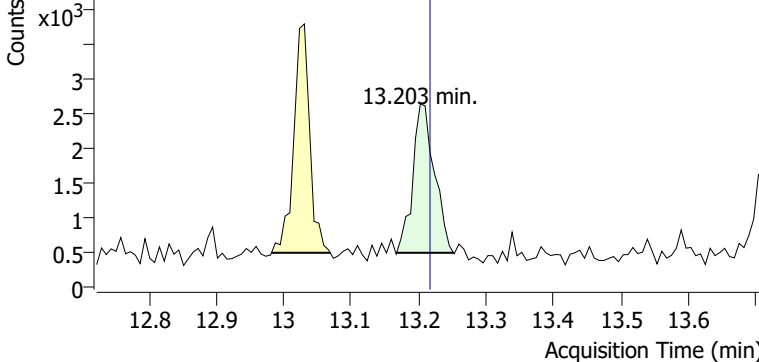


+ Scan (12.981-13.070 min, 12 scans) E2504522.d

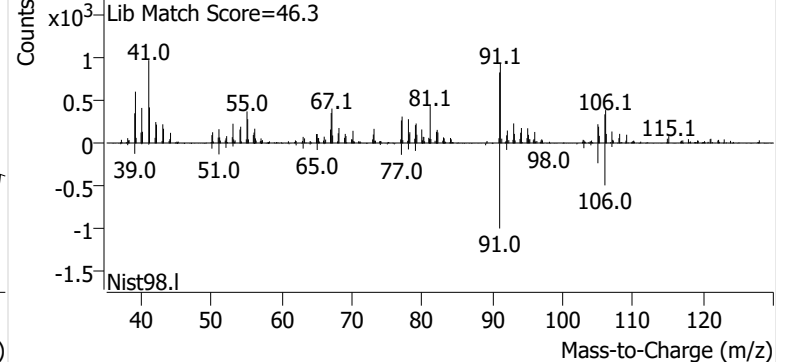


m-/p-Xylenes

+ EIC (91.1) Scan E2504522.d

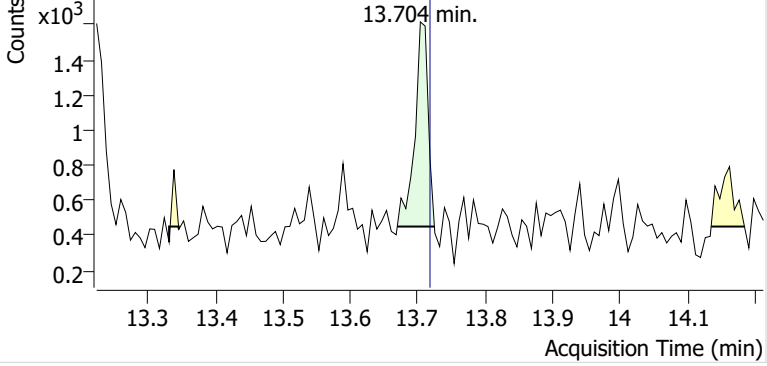


+ Scan (13.167-13.252 min, 11 scans) E2504522.d

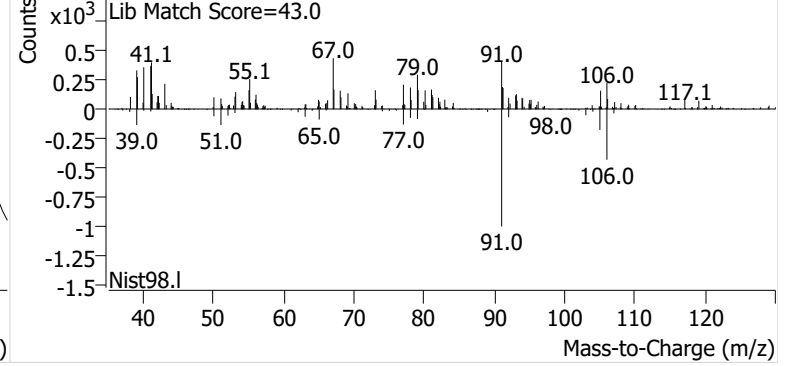


o-Xylene

+ EIC (91.1) Scan E2504522.d

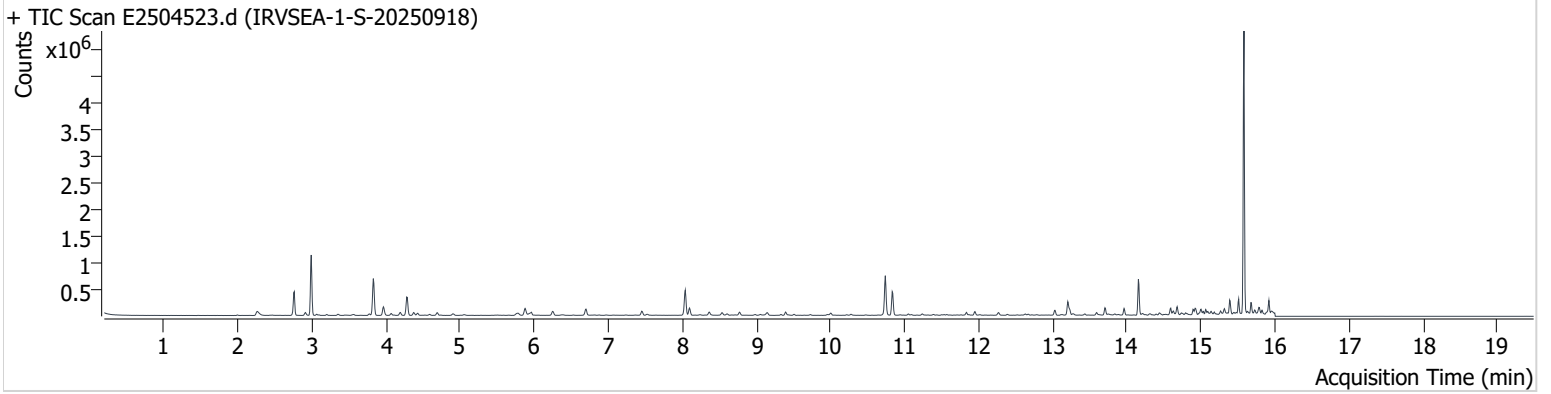


+ Scan (13.670-13.725 min, 7 scans) E2504522.d



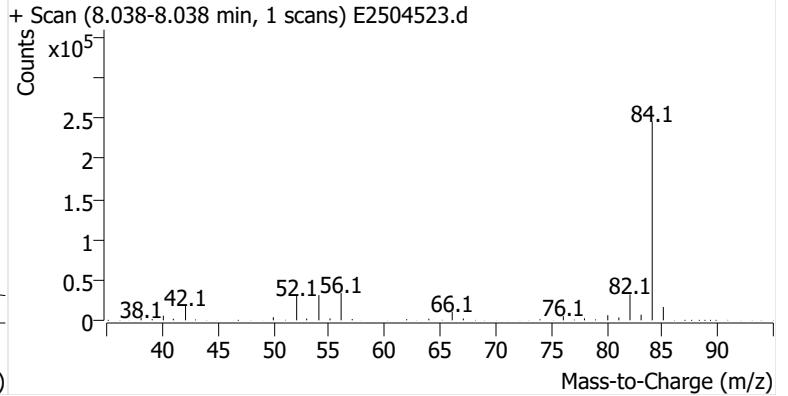
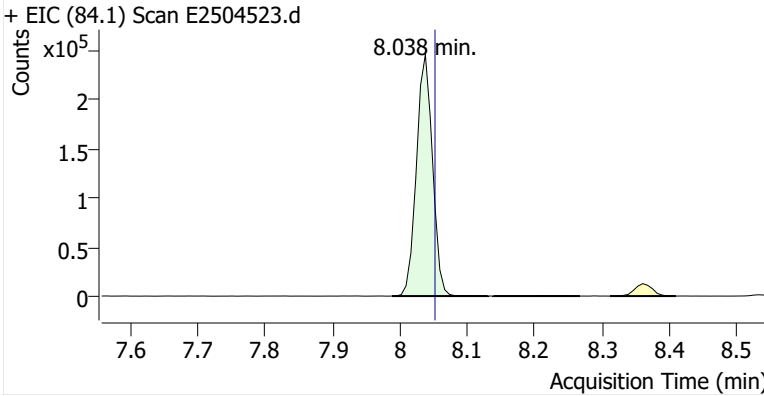
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Comment C57119
Data File E2504523.d
Acq. Date-Time 10/26/2025 2:30:58 PM
Acq. Method File M325B-MTD
Tube Sorbent CarbopackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

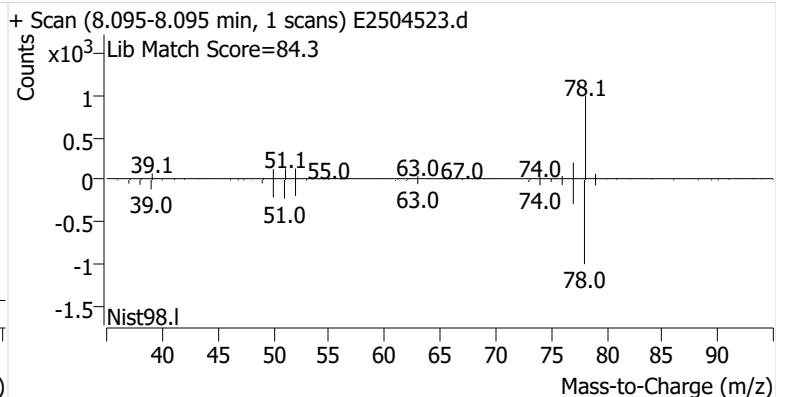
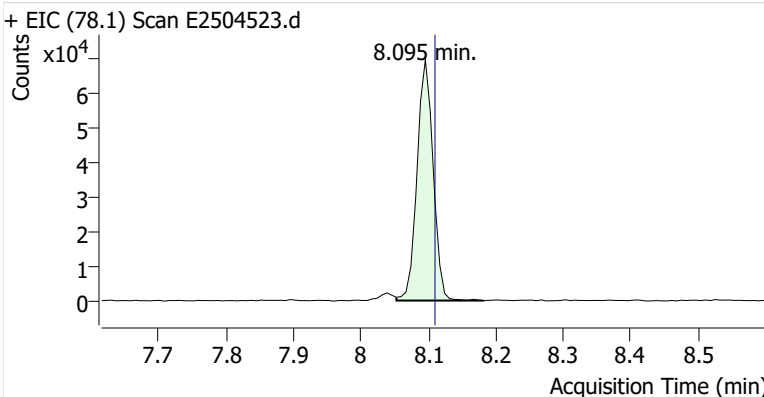


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	406,132	
Benzene	benzene-d6 (IS)	8.095	8.110	114,606	
Toluene-d8 (IS)		10.738	10.753	415,210	
Toluene	Toluene-d8 (IS)	10.832	10.846	277,435	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	60,319	
m-/p-Xylenes	Toluene-d8 (IS)	13.203	13.217	179,805	
o-Xylene	Toluene-d8 (IS)	13.704	13.718	70,311	

benzene-d6 (IS)

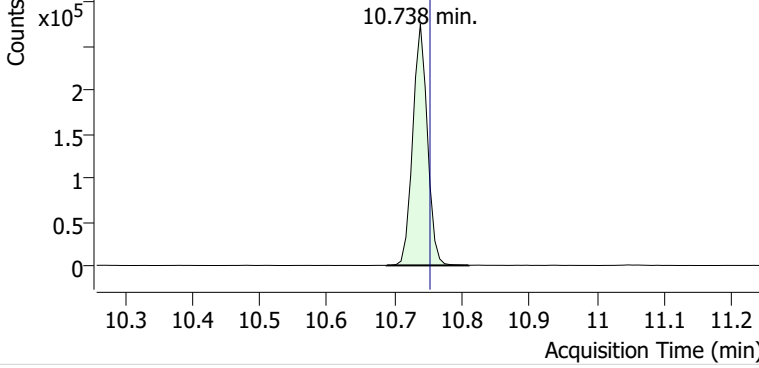


Benzene

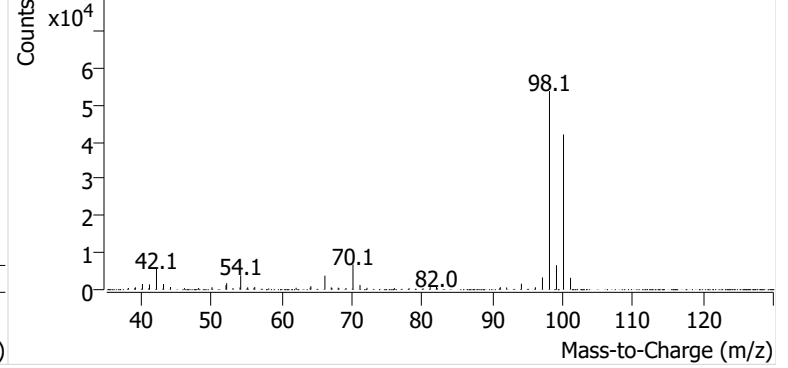


Toluene-d8 (IS)

+ EIC (98.1) Scan E2504523.d

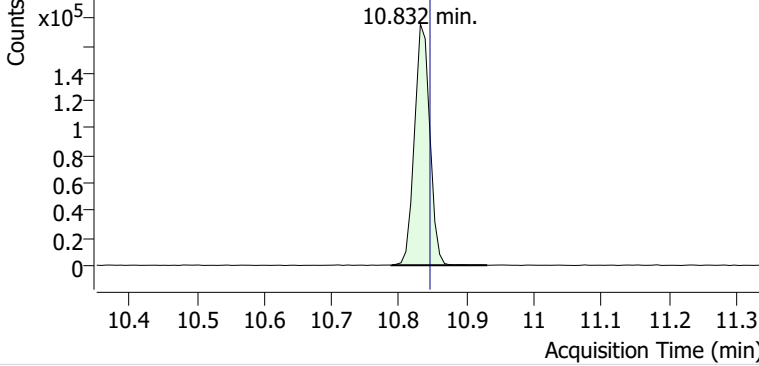


+ Scan (10.688-10.810 min, 18 scans) E2504523.d

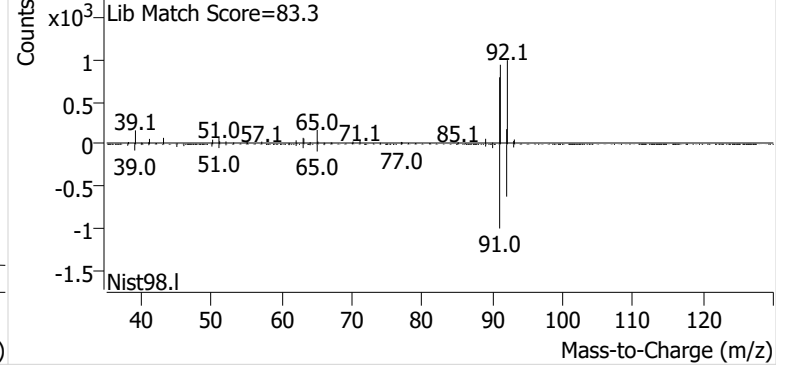


Toluene

+ EIC (91.1) Scan E2504523.d

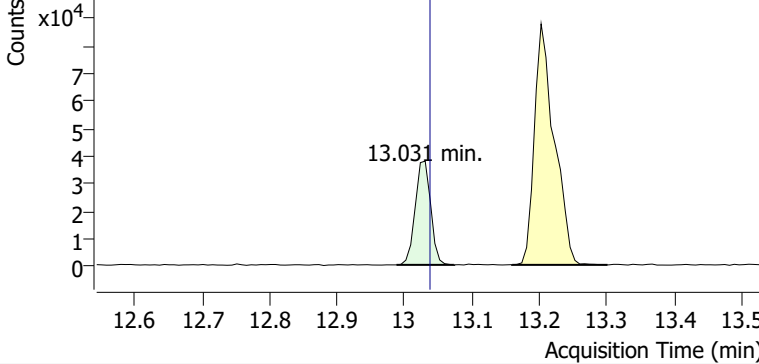


+ Scan (10.789-10.931 min, 20 scans) E2504523.d

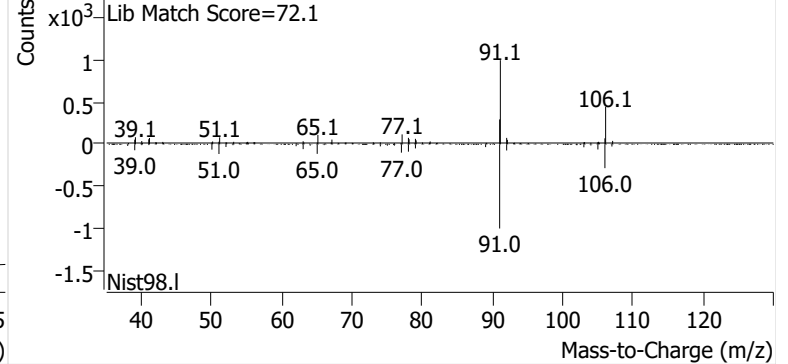


Ethylbenzene

+ EIC (91.1) Scan E2504523.d

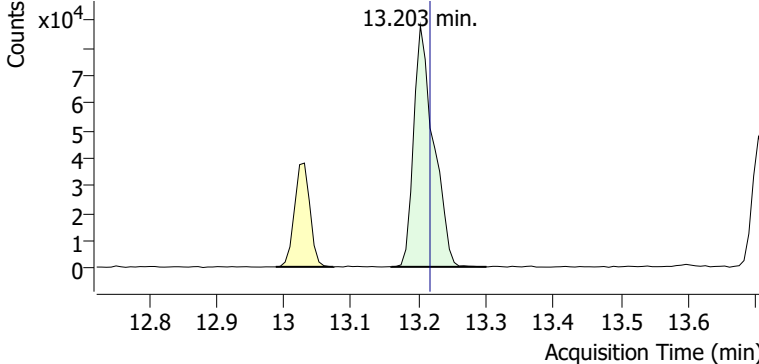


+ Scan (12.988-13.074 min, 12 scans) E2504523.d

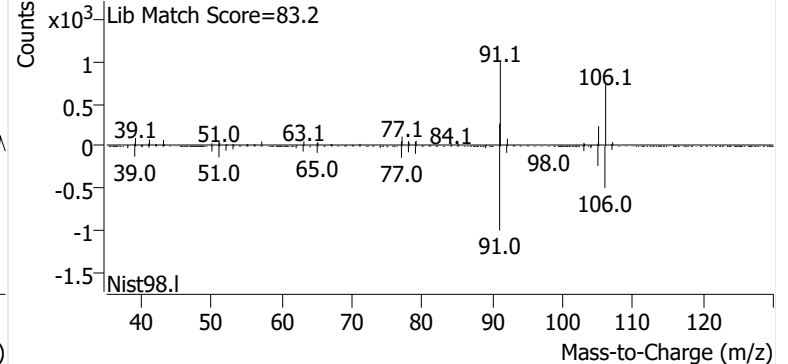


m-/p-Xylenes

+ EIC (91.1) Scan E2504523.d

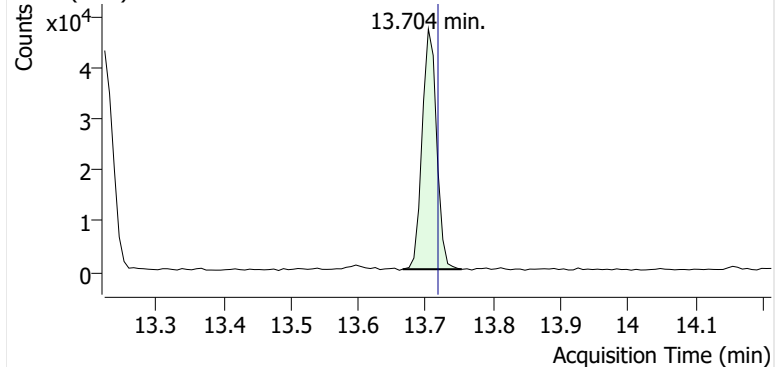


+ Scan (13.160-13.301 min, 20 scans) E2504523.d

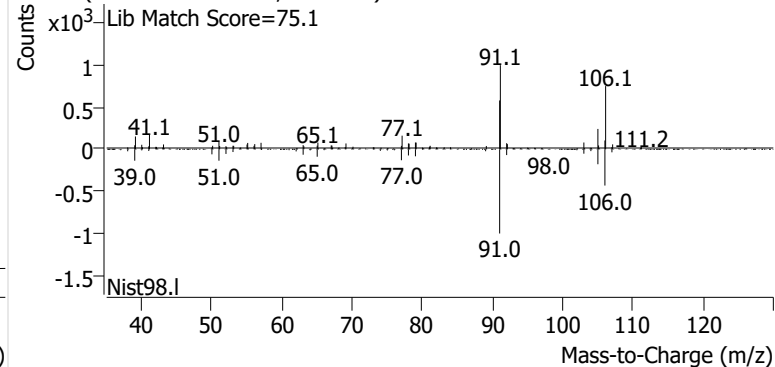


o-Xylene

+ EIC (91.1) Scan E2504523.d

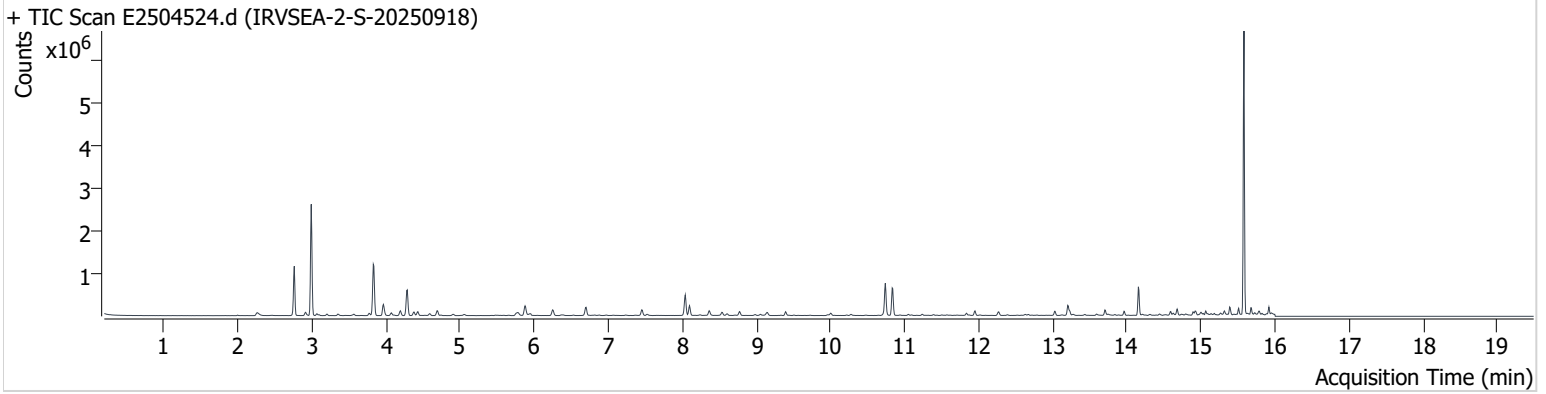


+ Scan (13.666-13.754 min, 12 scans) E2504523.d



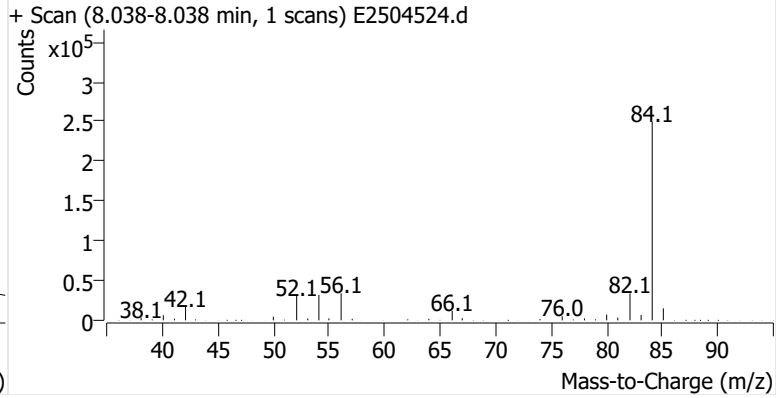
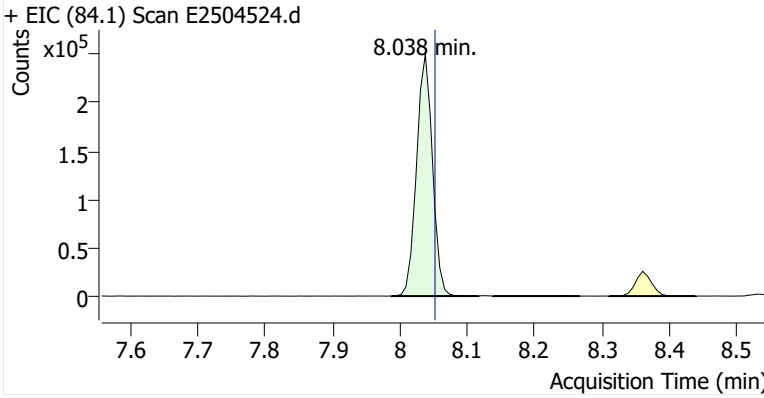
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Comment C54965
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Acq. Date-Time 10/26/2025 2:56:42 PM
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Tube Sorbent CarbopackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

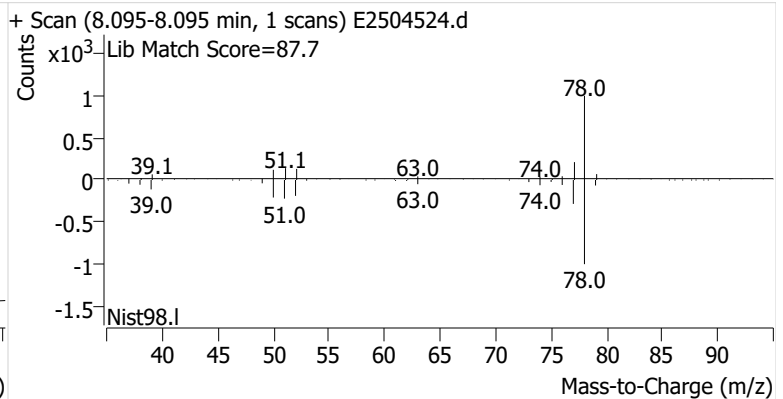
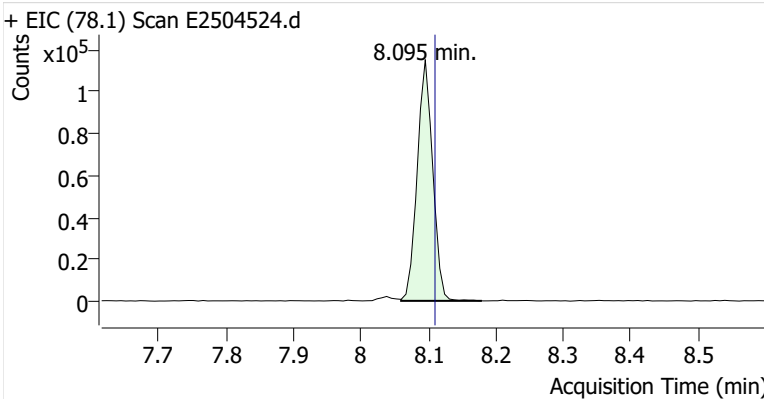


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	410,190	
Benzene	benzene-d6 (IS)	8.095	8.110	183,663	
Toluene-d8 (IS)		10.738	10.753	424,701	
Toluene	Toluene-d8 (IS)	10.831	10.846	404,684	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	63,704	
m-/p-Xylenes	Toluene-d8 (IS)	13.202	13.217	168,008	
o-Xylene	Toluene-d8 (IS)	13.704	13.718	61,820	

benzene-d6 (IS)

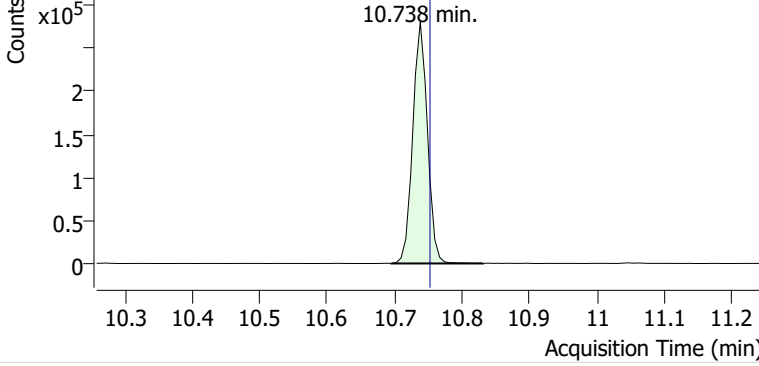


Benzene

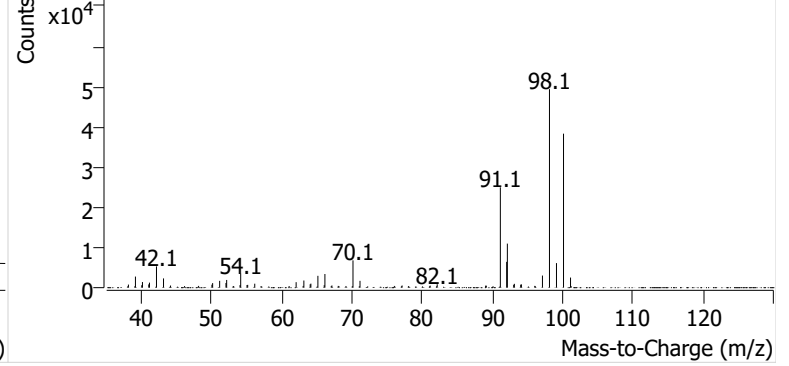


Toluene-d8 (IS)

+ EIC (98.1) Scan E2504524.d

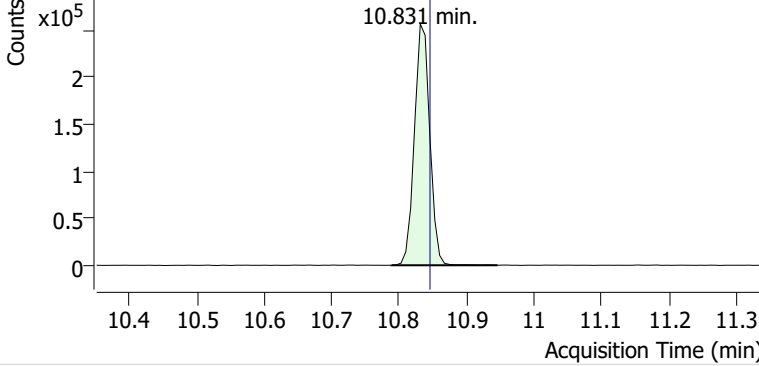


+ Scan (10.695-10.831 min, 20 scans) E2504524.d

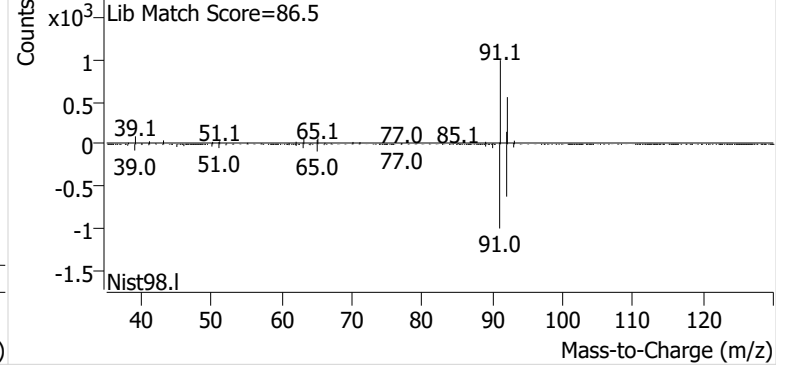


Toluene

+ EIC (91.1) Scan E2504524.d

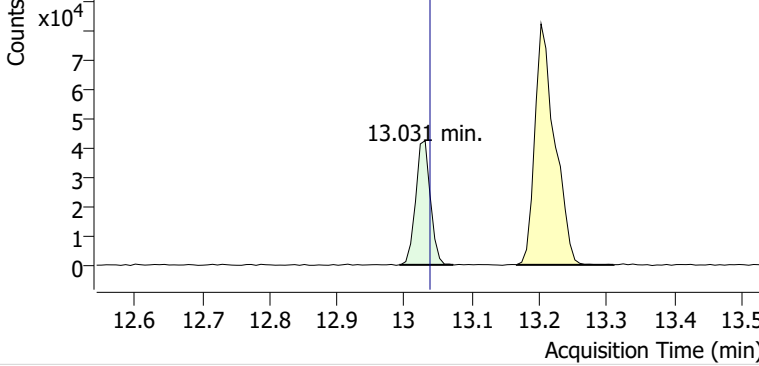


+ Scan (10.789-10.946 min, 23 scans) E2504524.d

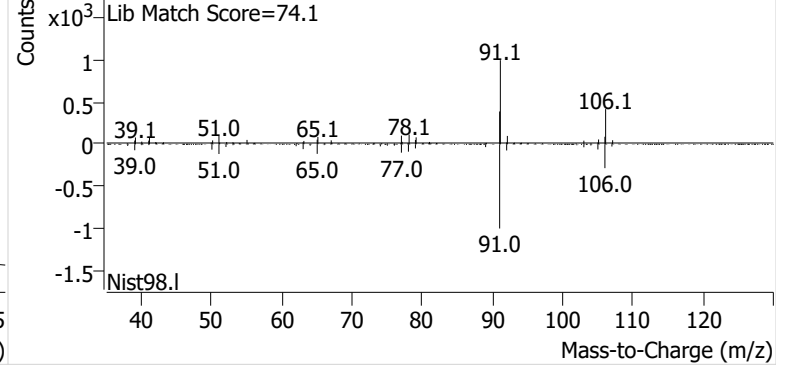


Ethylbenzene

+ EIC (91.1) Scan E2504524.d

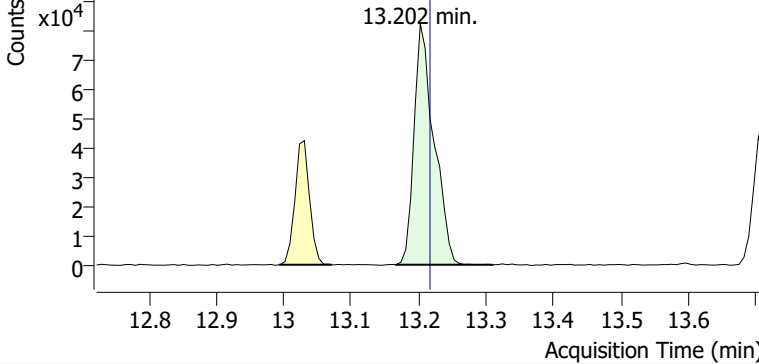


+ Scan (12.992-13.072 min, 11 scans) E2504524.d

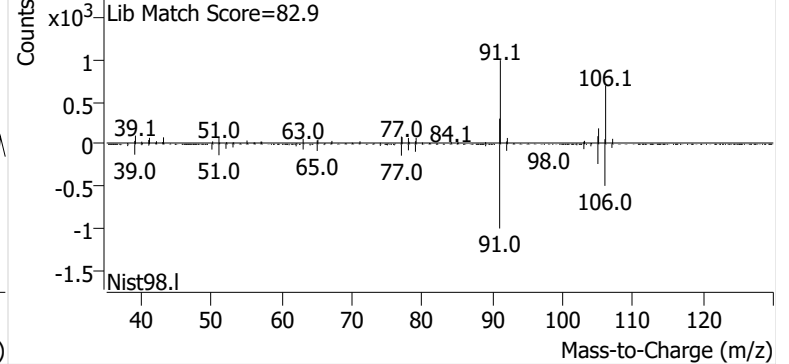


m-/p-Xylenes

+ EIC (91.1) Scan E2504524.d

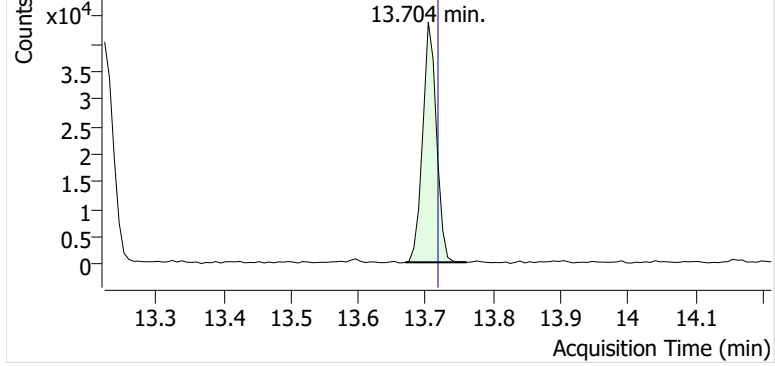


+ Scan (13.167-13.310 min, 21 scans) E2504524.d

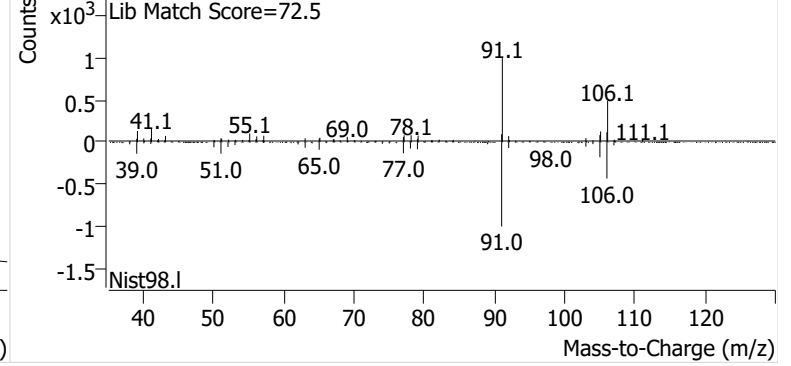


o-Xylene

+ EIC (91.1) Scan E2504524.d

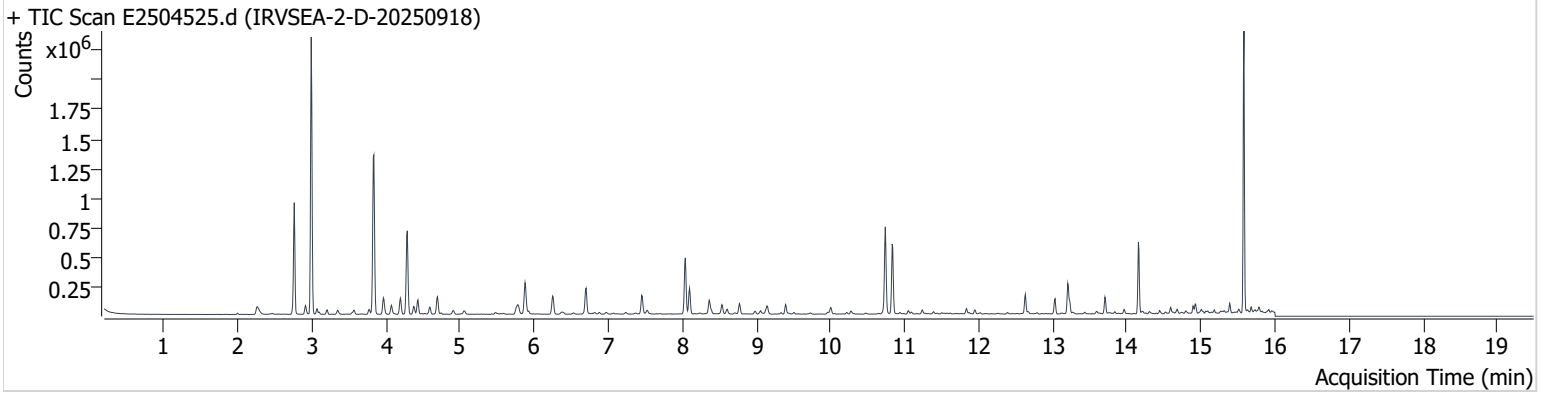


+ Scan (13.670-13.761 min, 12 scans) E2504524.d



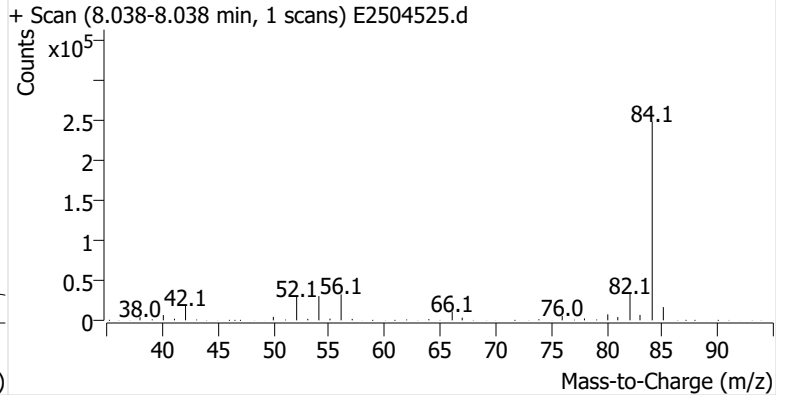
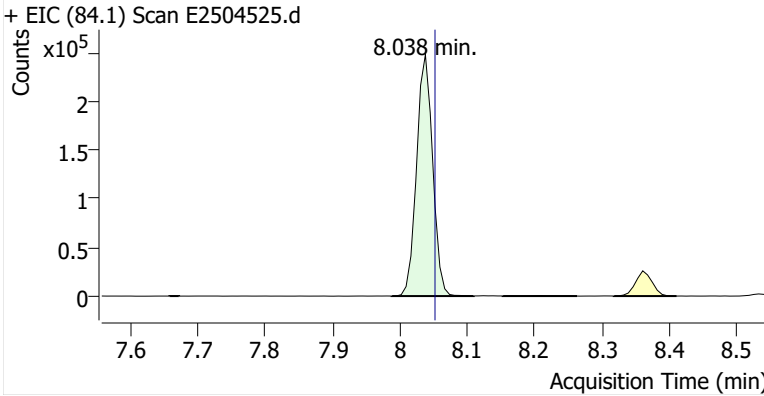
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Comment C24160
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Acq. Date-Time 10/26/2025 3:22:24 PM
Acq. Method File M325B-MTD
Tube Sorbent CarbopackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

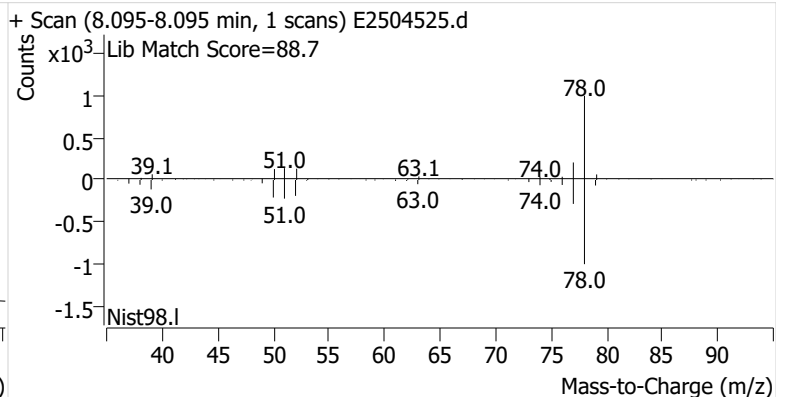
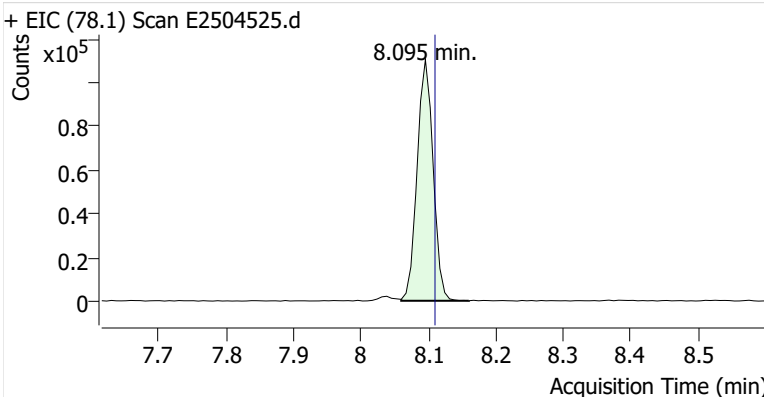


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	410,115	
Benzene	benzene-d6 (IS)	8.095	8.110	181,641	
Toluene-d8 (IS)		10.739	10.753	414,186	
Toluene	Toluene-d8 (IS)	10.832	10.846	369,185	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	82,843	
m-/p-Xylenes	Toluene-d8 (IS)	13.203	13.217	182,001	
o-Xylene	Toluene-d8 (IS)	13.704	13.718	70,720	

benzene-d6 (IS)

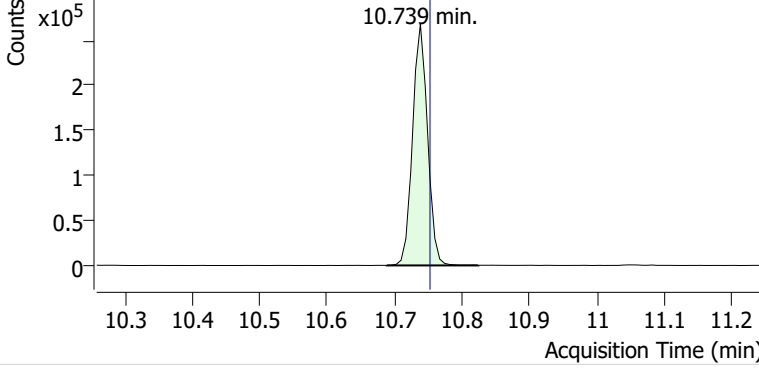


Benzene

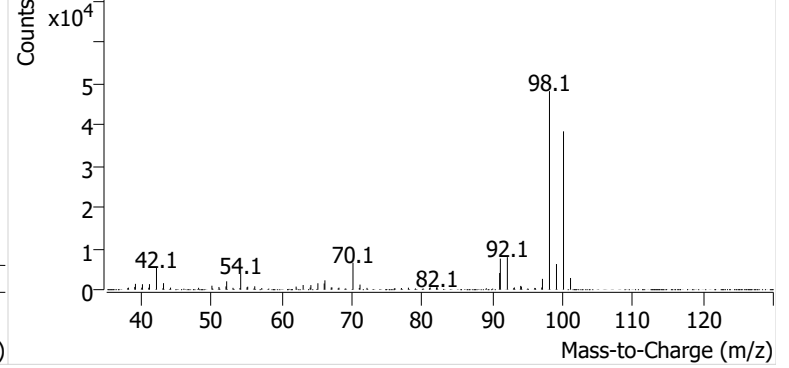


Toluene-d8 (IS)

+ EIC (98.1) Scan E2504525.d

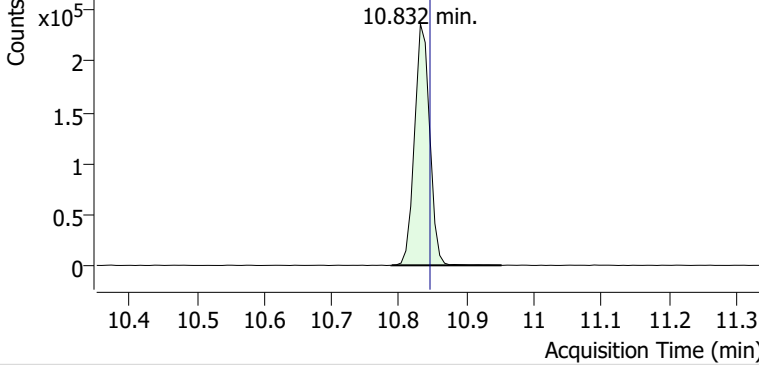


+ Scan (10.688-10.824 min, 20 scans) E2504525.d

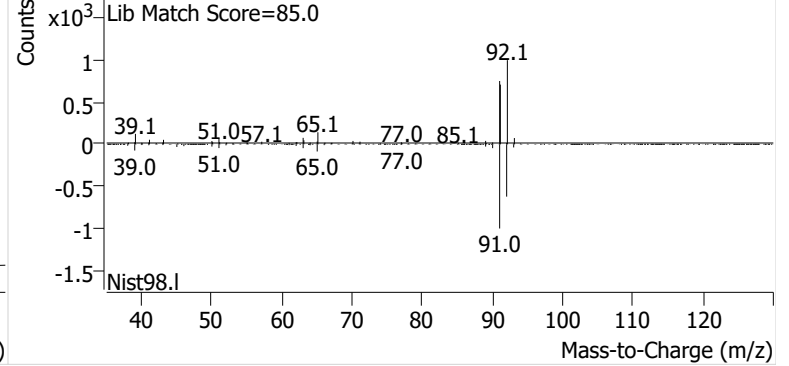


Toluene

+ EIC (91.1) Scan E2504525.d

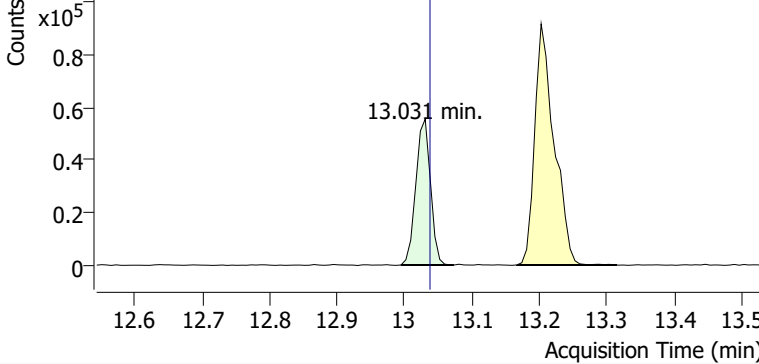


+ Scan (10.789-10.952 min, 23 scans) E2504525.d

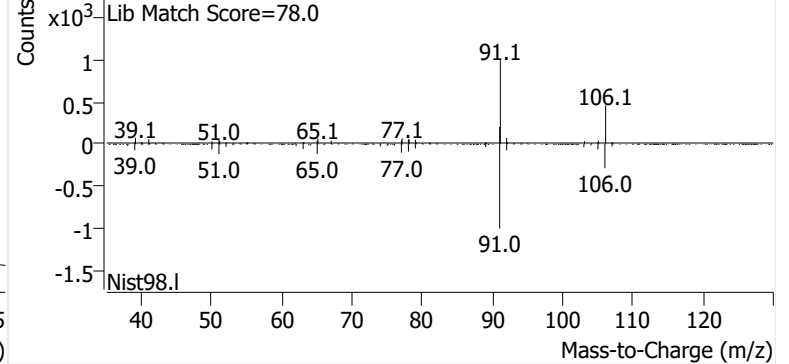


Ethylbenzene

+ EIC (91.1) Scan E2504525.d

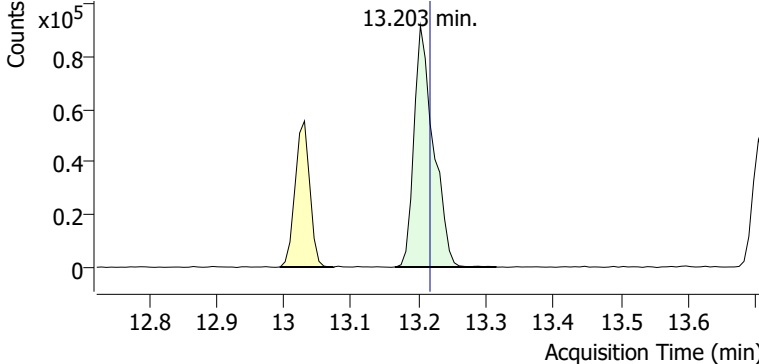


+ Scan (12.994-13.073 min, 11 scans) E2504525.d

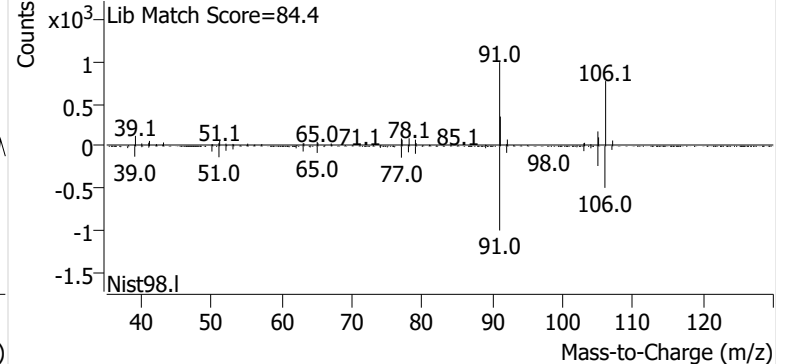


m-/p-Xylenes

+ EIC (91.1) Scan E2504525.d

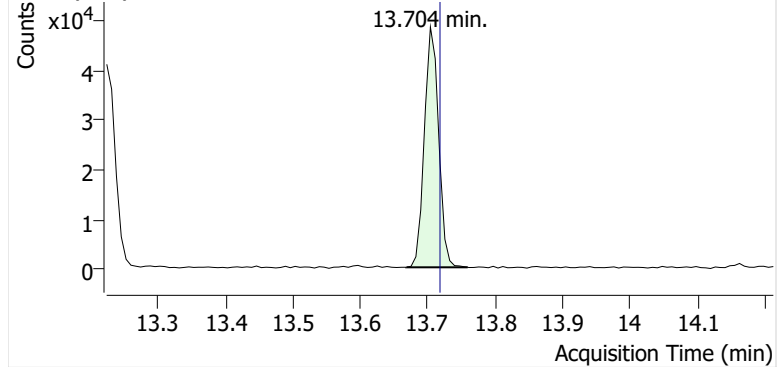


+ Scan (13.165-13.316 min, 21 scans) E2504525.d

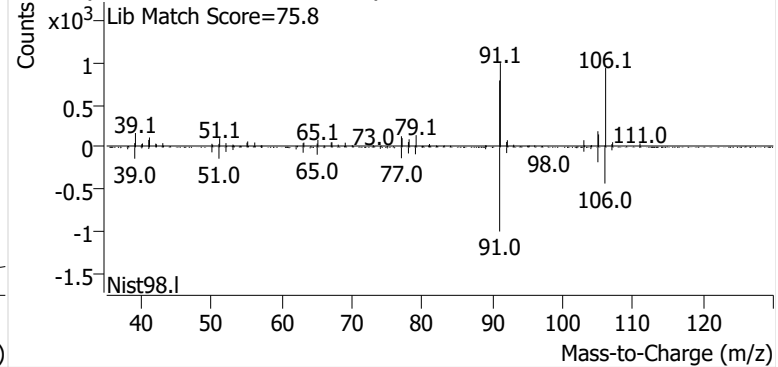


o-Xylene

+ EIC (91.1) Scan E2504525.d

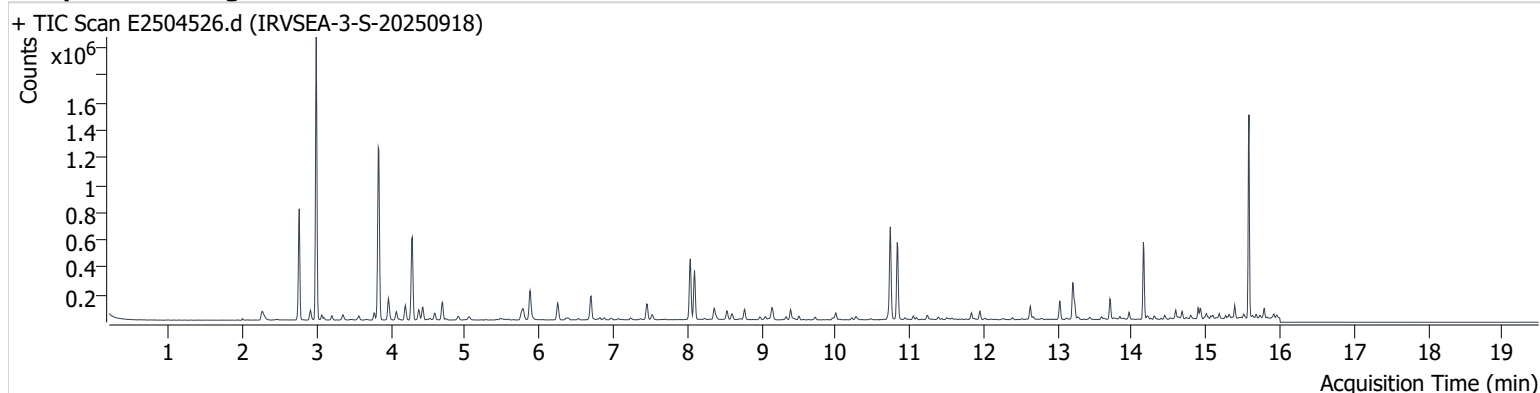


+ Scan (13.668-13.759 min, 13 scans) E2504525.d



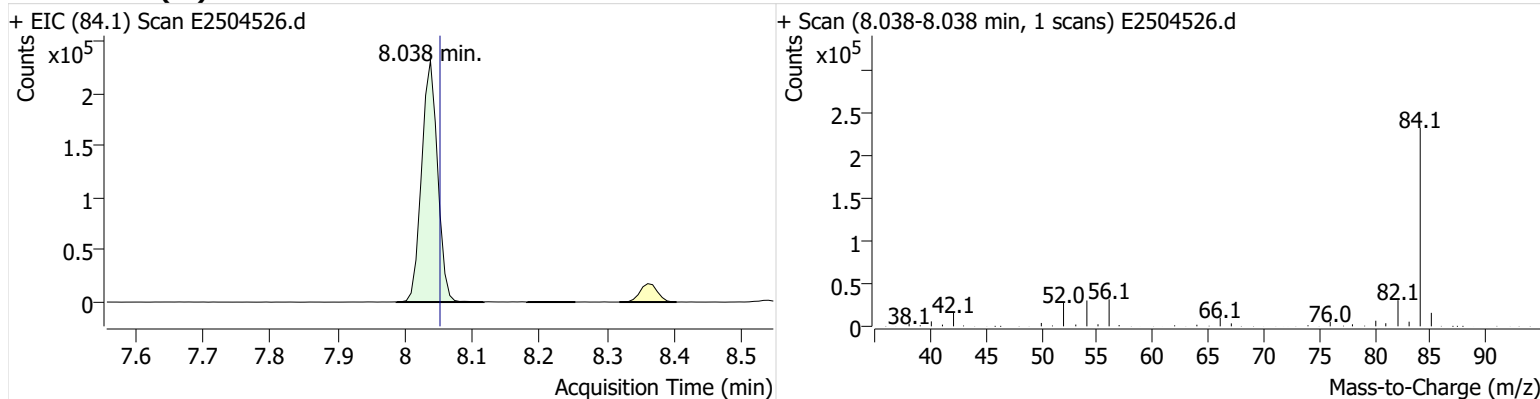
Name IRVSEA-3-S-20250918
Comment C43605
Data File E2504526.d
Acq. Date-Time 10/26/2025 3:48:08 PM
Acq. Method File M325B-MTD
Tube Sorbent CarbopackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

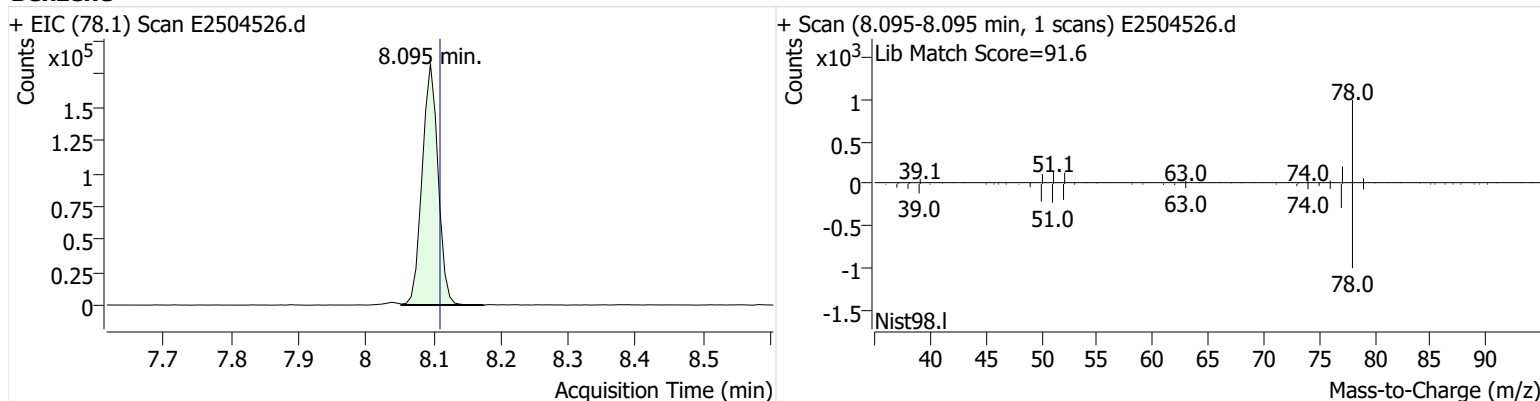


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	381,864	
Benzene	benzene-d6 (IS)	8.095	8.110	299,188	
Toluene-d8 (IS)		10.739	10.753	383,788	
Toluene	Toluene-d8 (IS)	10.832	10.846	345,097	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	88,549	
m-/p-Xylenes	Toluene-d8 (IS)	13.203	13.217	201,237	
o-Xylene	Toluene-d8 (IS)	13.704	13.718	73,629	

benzene-d6 (IS)

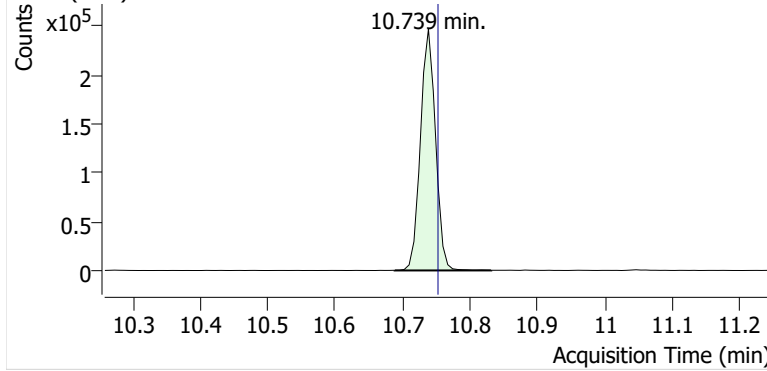


Benzene

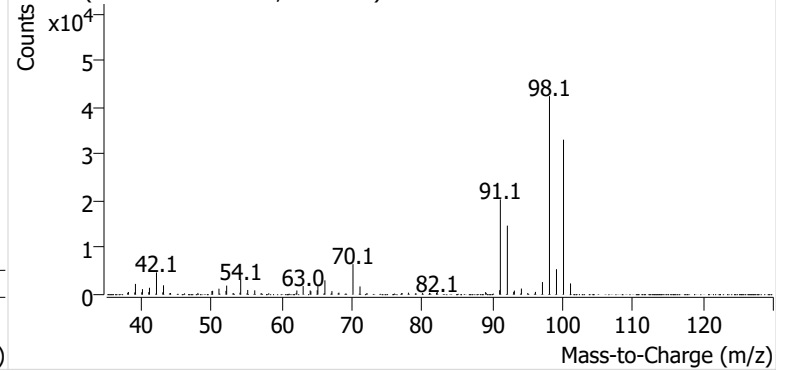


Toluene-d8 (IS)

+ EIC (98.1) Scan E2504526.d

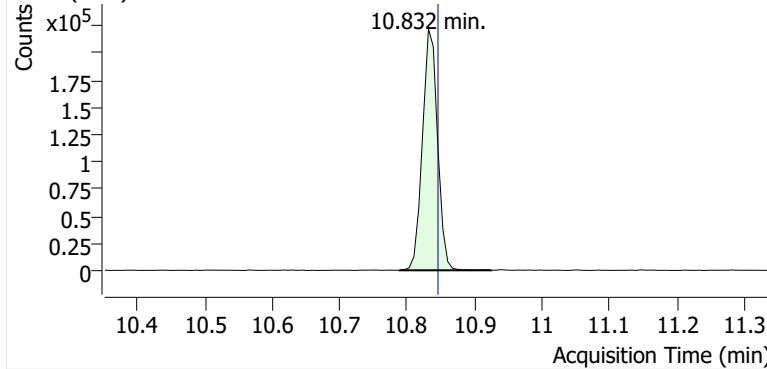


+ Scan (10.688-10.832 min, 21 scans) E2504526.d

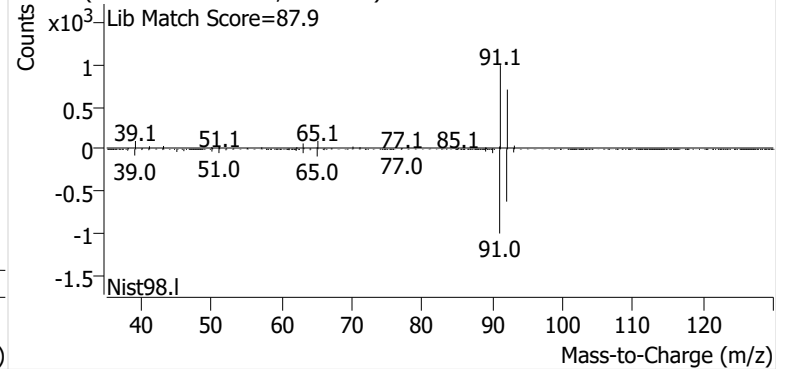


Toluene

+ EIC (91.1) Scan E2504526.d

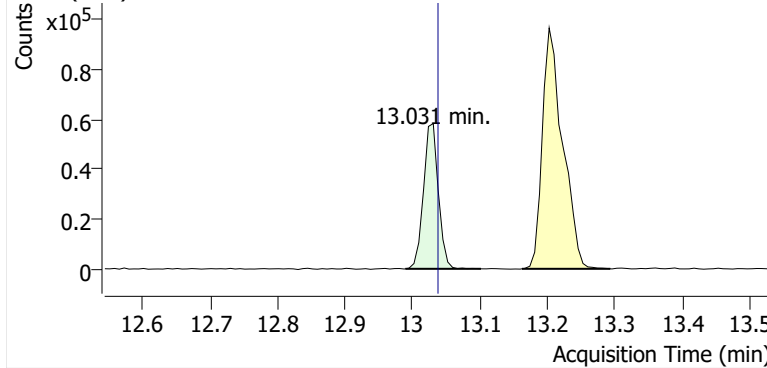


+ Scan (10.789-10.925 min, 20 scans) E2504526.d

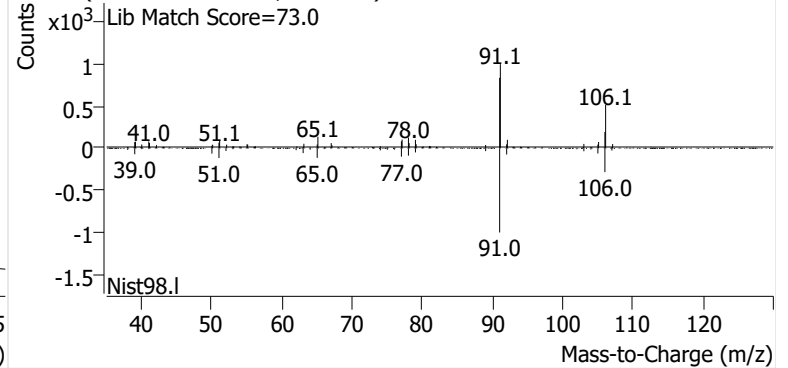


Ethylbenzene

+ EIC (91.1) Scan E2504526.d

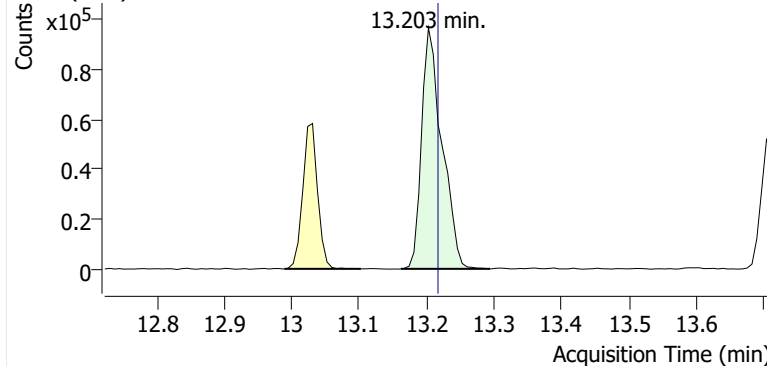


+ Scan (12.989-13.101 min, 15 scans) E2504526.d

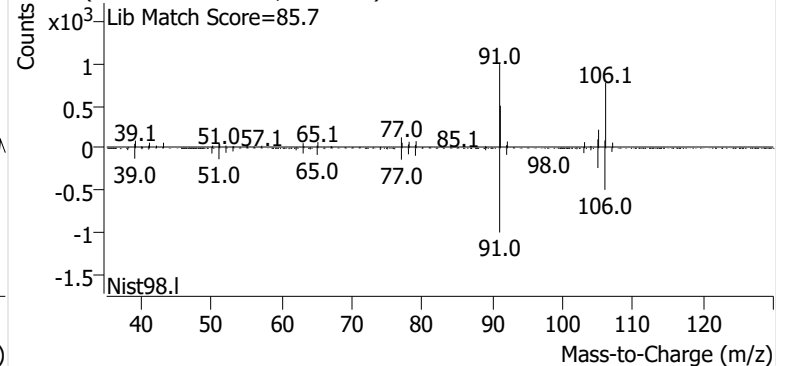


m-/p-Xylenes

+ EIC (91.1) Scan E2504526.d

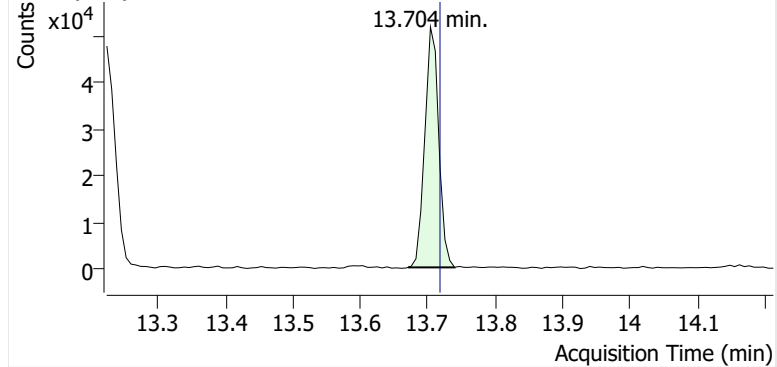


+ Scan (13.162-13.294 min, 18 scans) E2504526.d

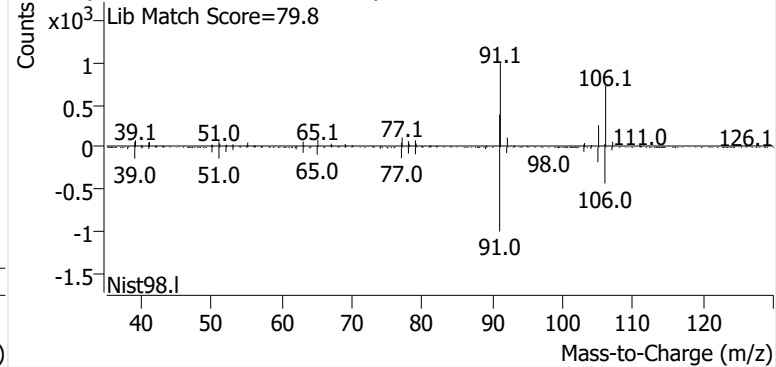


o-Xylene

+ EIC (91.1) Scan E2504526.d

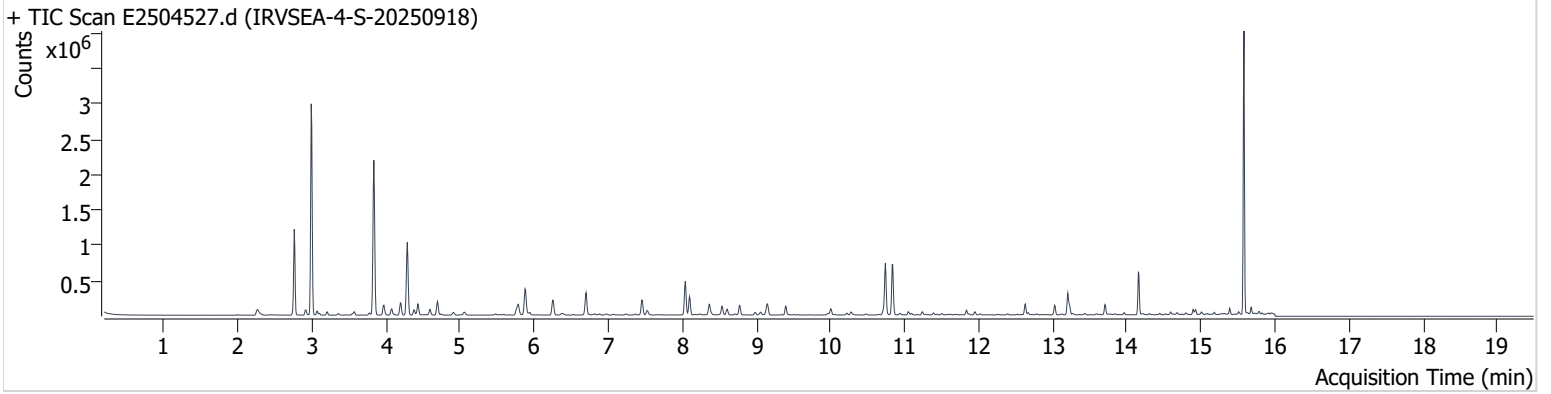


+ Scan (13.671-13.740 min, 10 scans) E2504526.d



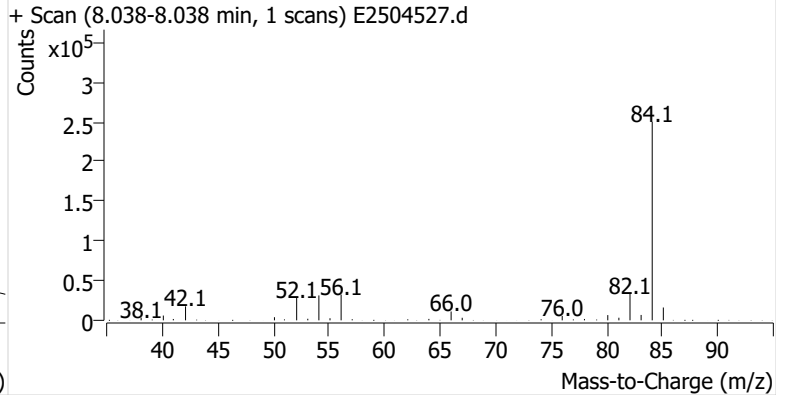
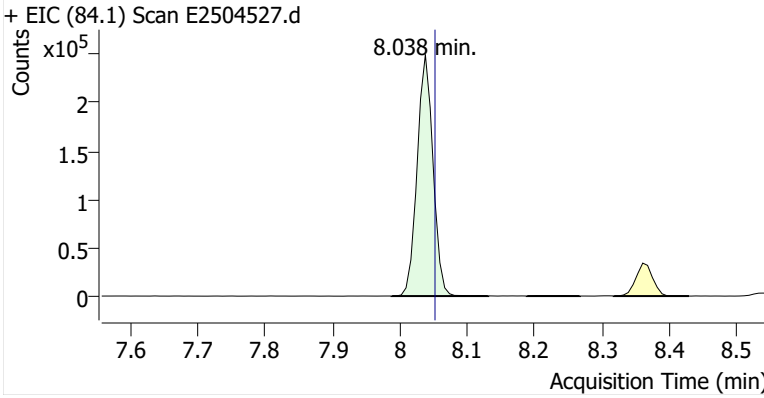
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Comment C55746
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Acq. Date-Time 10/26/2025 4:13:50 PM
Acq. Method File M325B-MTD
Tube Sorbent CarbopackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

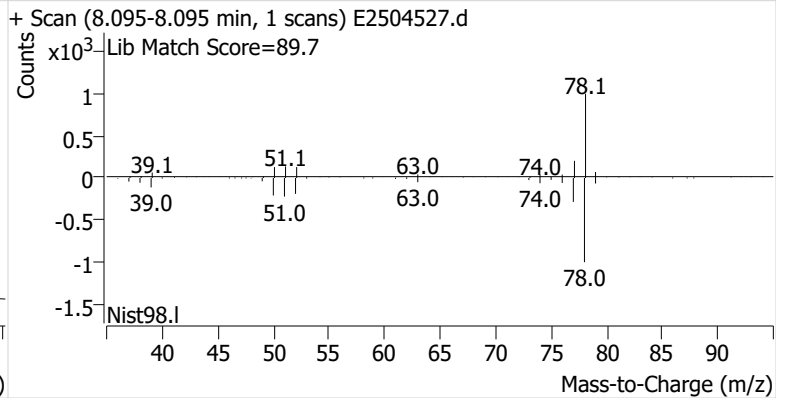
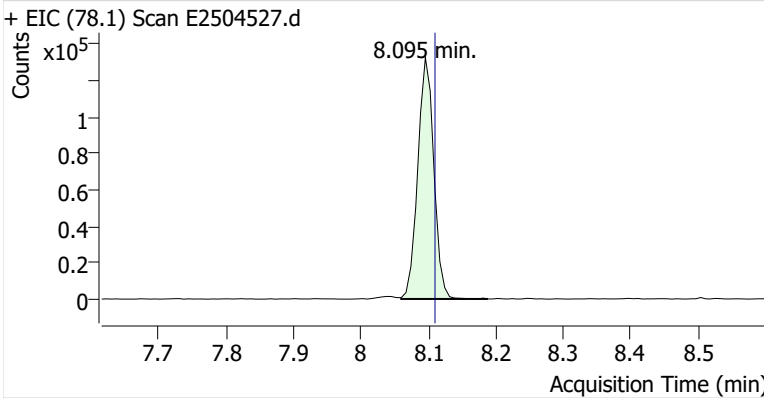


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	408,387	
Benzene	benzene-d6 (IS)	8.095	8.110	218,767	
Toluene-d8 (IS)		10.738	10.753	415,322	
Toluene	Toluene-d8 (IS)	10.832	10.846	438,856	
Ethylbenzene	Toluene-d8 (IS)	13.024	13.038	86,541	
m-/p-Xylenes	Toluene-d8 (IS)	13.203	13.217	217,297	
o-Xylene	Toluene-d8 (IS)	13.704	13.718	74,032	

benzene-d6 (IS)

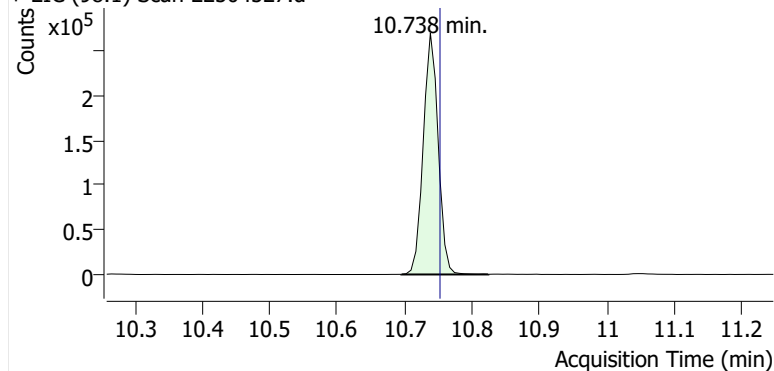


Benzene

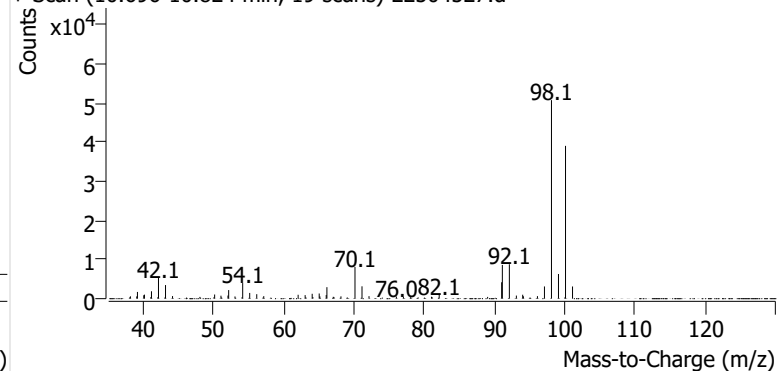


Toluene-d8 (IS)

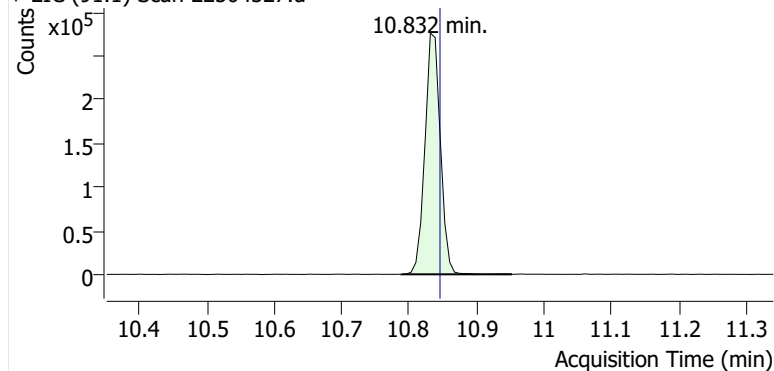
+ EIC (98.1) Scan E2504527.d



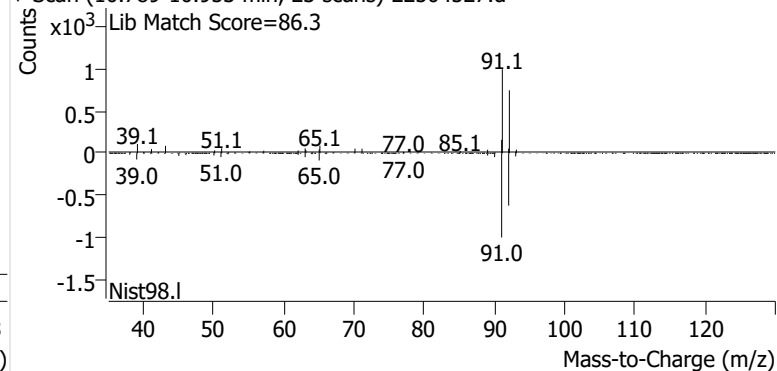
+ Scan (10.696-10.824 min, 19 scans) E2504527.d

**Toluene**

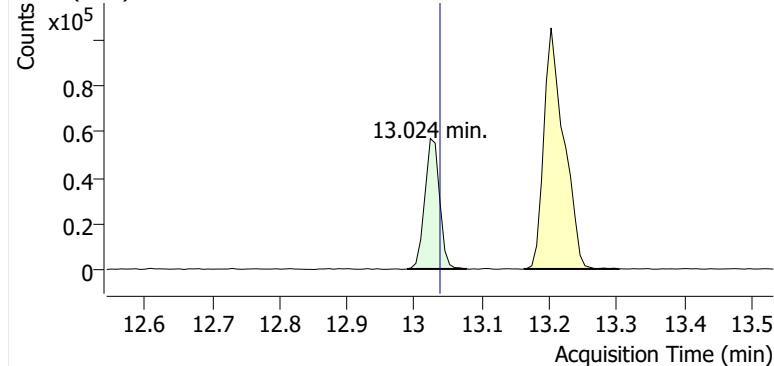
+ EIC (91.1) Scan E2504527.d



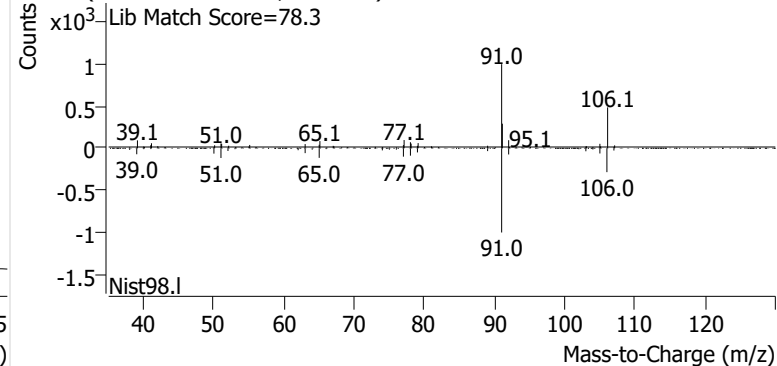
+ Scan (10.789-10.953 min, 23 scans) E2504527.d

**Ethylbenzene**

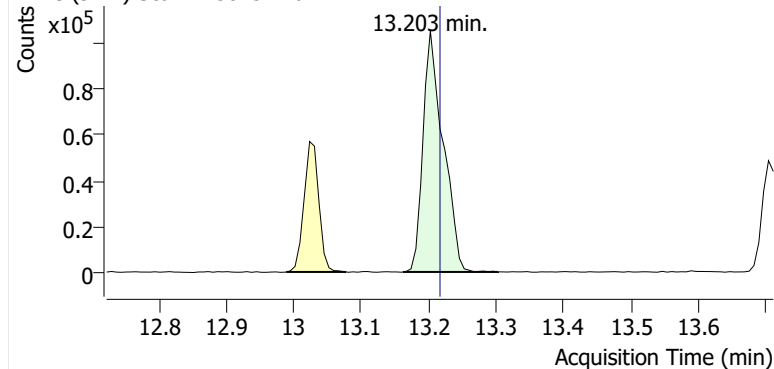
+ EIC (91.1) Scan E2504527.d



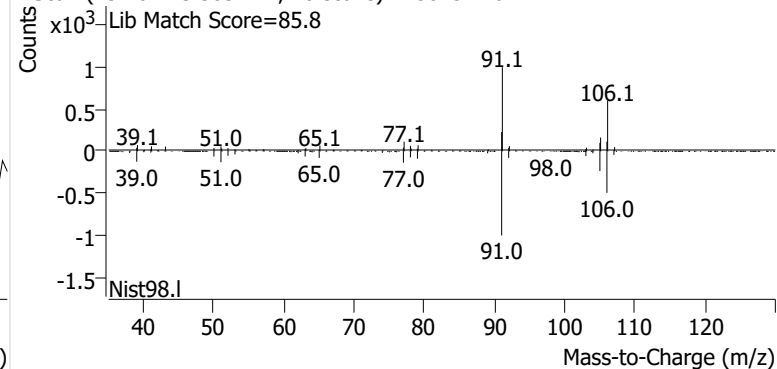
+ Scan (12.989-13.078 min, 12 scans) E2504527.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2504527.d

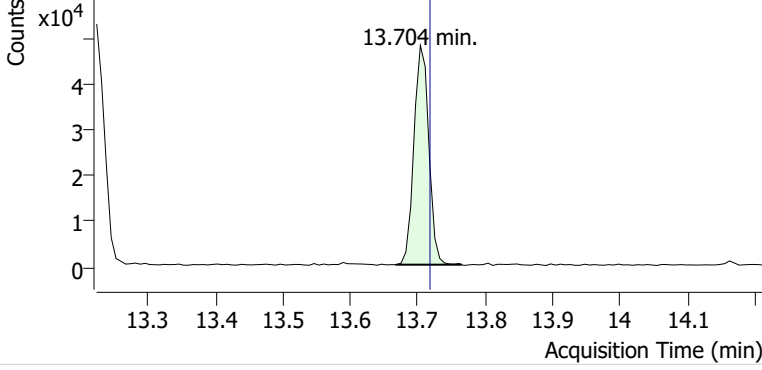


+ Scan (13.162-13.303 min, 20 scans) E2504527.d

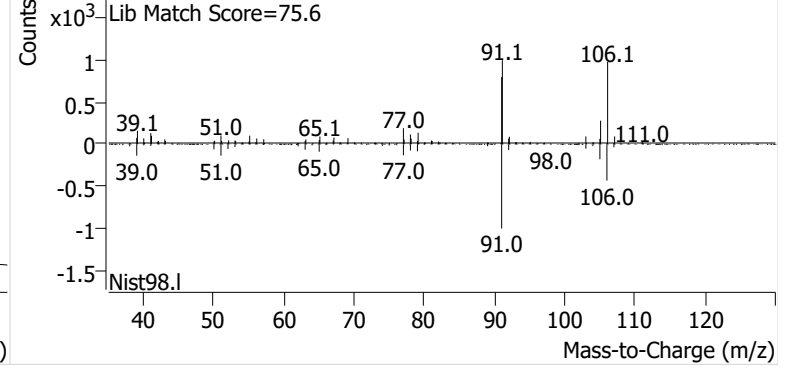


o-Xylene

+ EIC (91.1) Scan E2504527.d

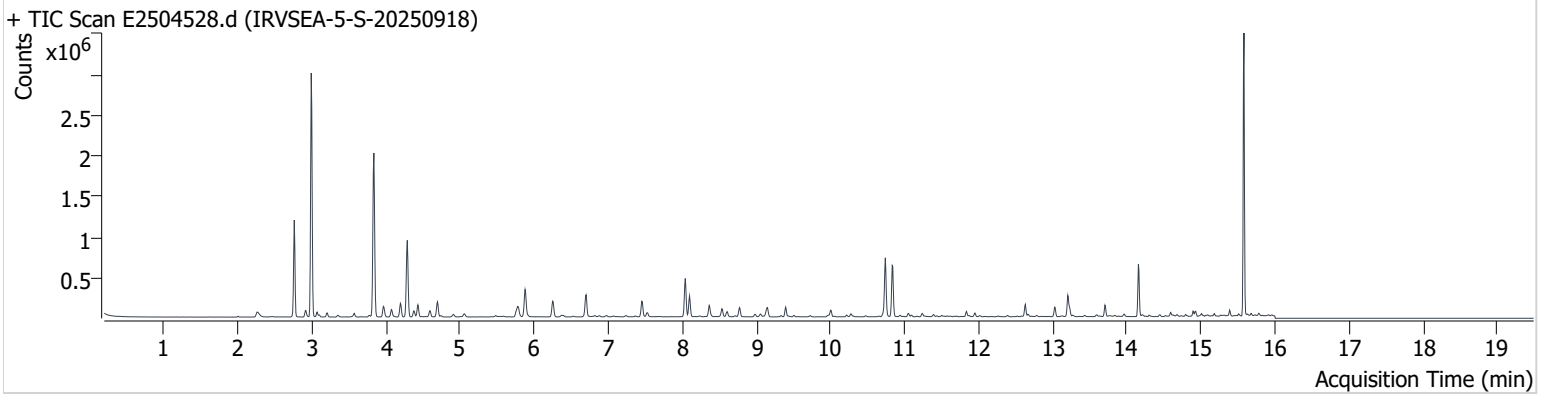


+ Scan (13.668-13.766 min, 14 scans) E2504527.d



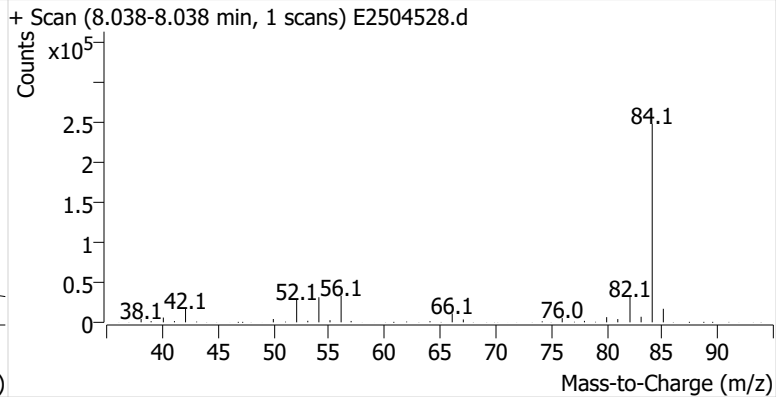
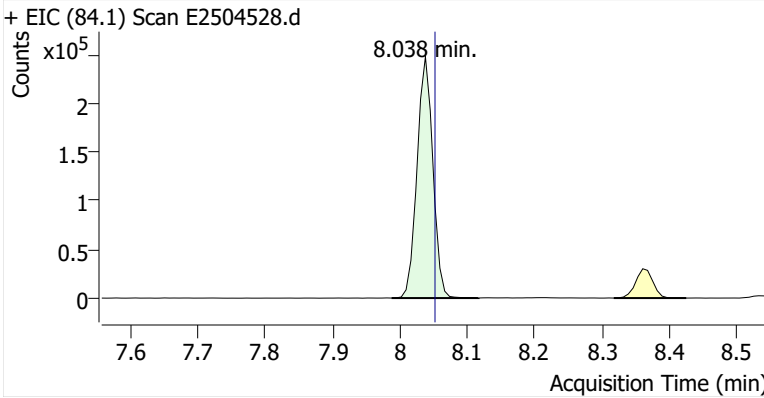
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Comment C01673
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Acq. Date-Time 10/26/2025 4:40:21 PM
Acq. Method File M325B-MTD
Tube Sorbent CarbopackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

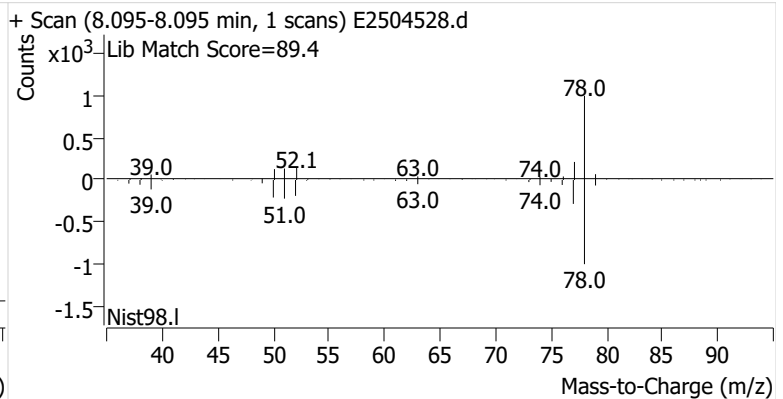
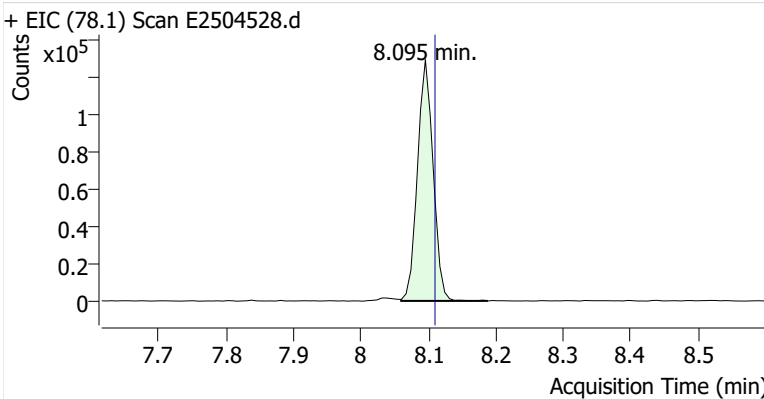


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	403,827	
Benzene	benzene-d6 (IS)	8.095	8.110	208,351	
Toluene-d8 (IS)		10.739	10.753	411,423	
Toluene	Toluene-d8 (IS)	10.832	10.846	394,581	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	77,918	
m-/p-Xylenes	Toluene-d8 (IS)	13.203	13.217	184,920	
o-Xylene	Toluene-d8 (IS)	13.704	13.718	69,820	

benzene-d6 (IS)

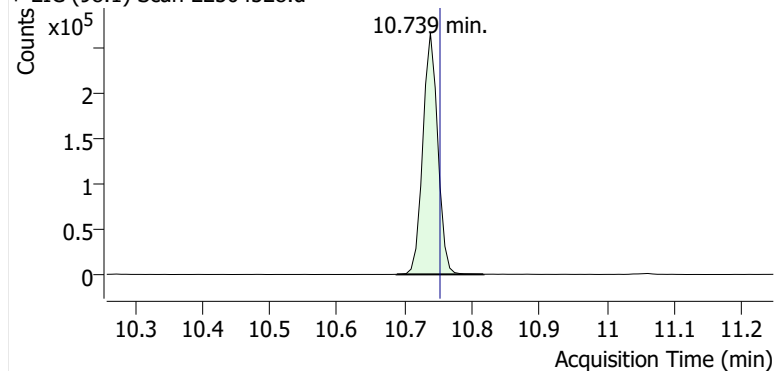


Benzene

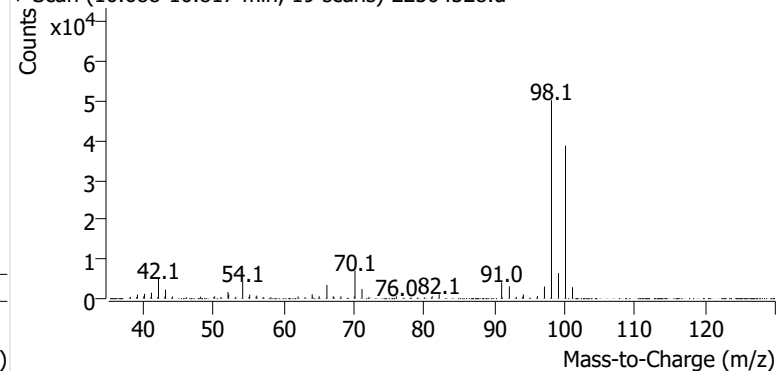


Toluene-d8 (IS)

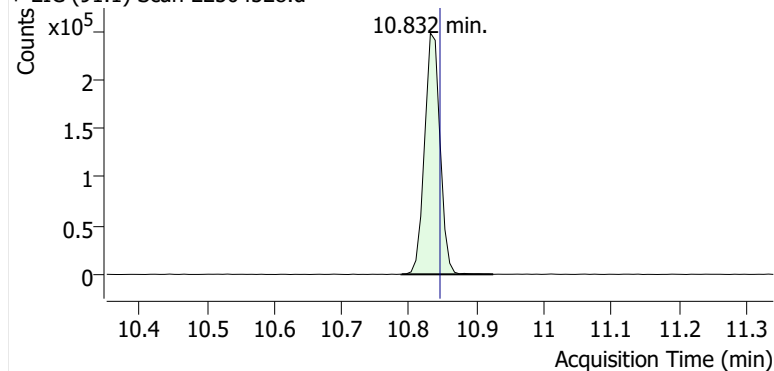
+ EIC (98.1) Scan E2504528.d



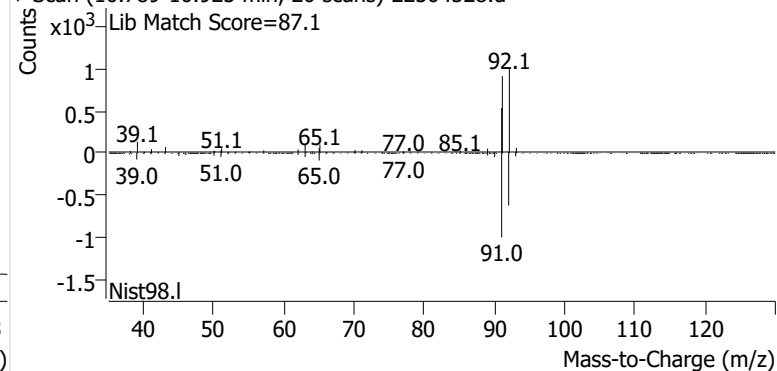
+ Scan (10.688-10.817 min, 19 scans) E2504528.d

**Toluene**

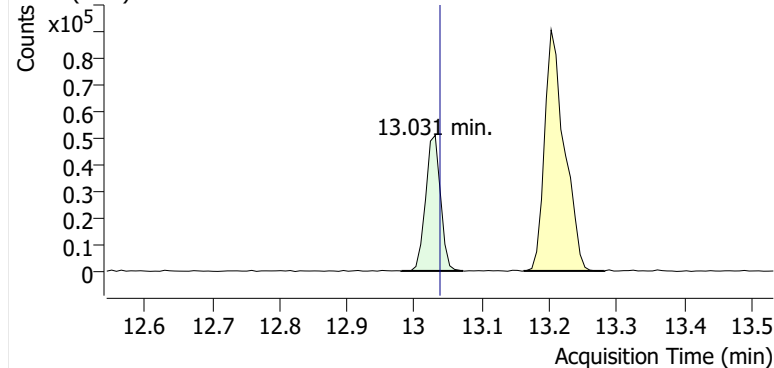
+ EIC (91.1) Scan E2504528.d



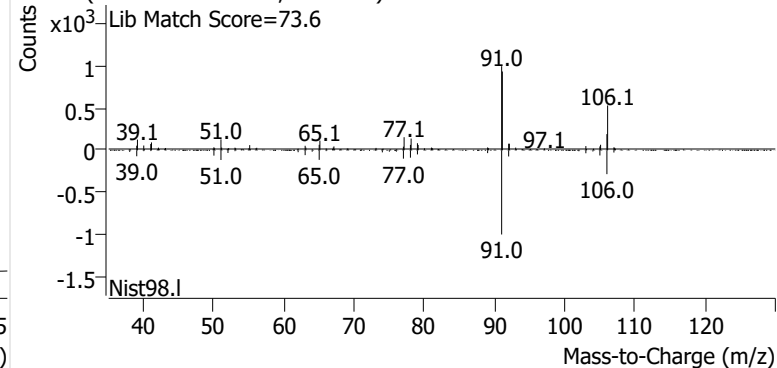
+ Scan (10.789-10.925 min, 20 scans) E2504528.d

**Ethylbenzene**

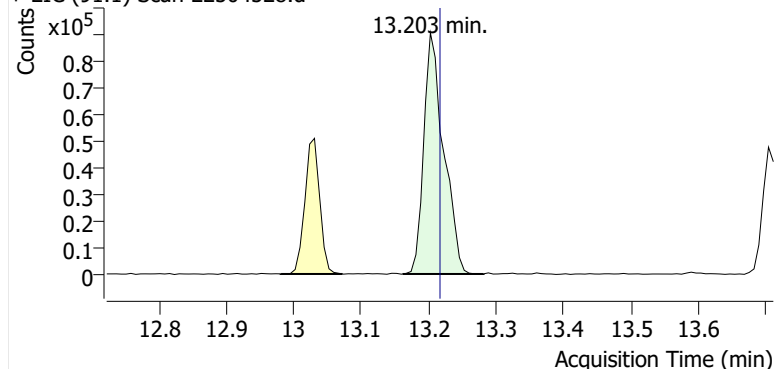
+ EIC (91.1) Scan E2504528.d



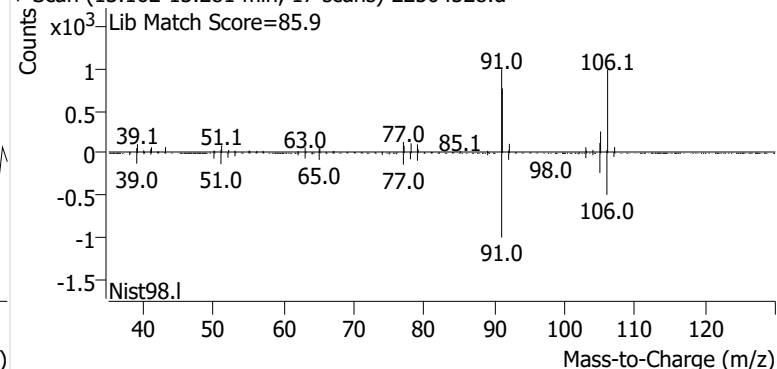
+ Scan (12.981-13.072 min, 13 scans) E2504528.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2504528.d

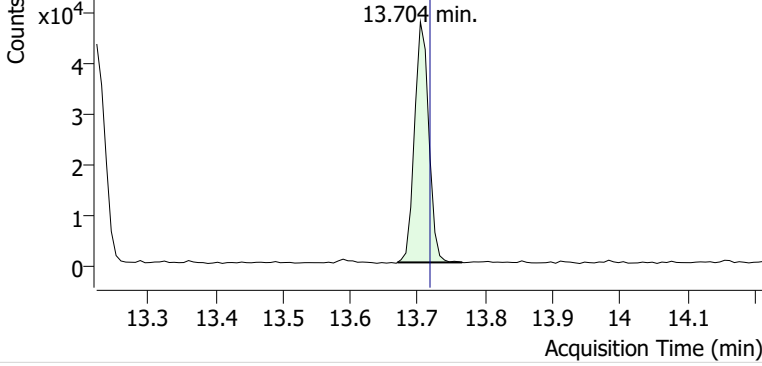


+ Scan (13.162-13.281 min, 17 scans) E2504528.d

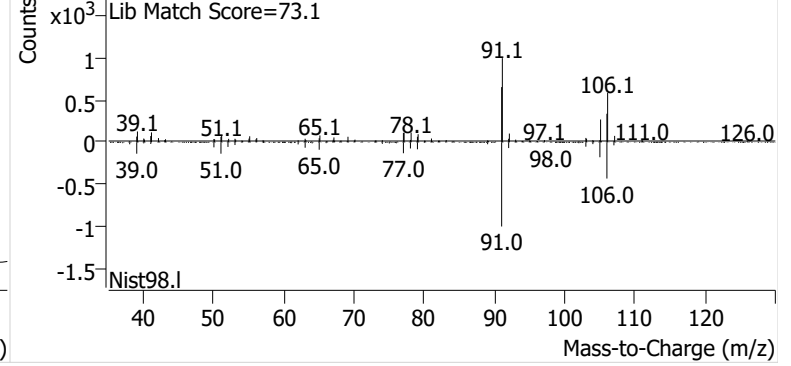


o-Xylene

+ EIC (91.1) Scan E2504528.d

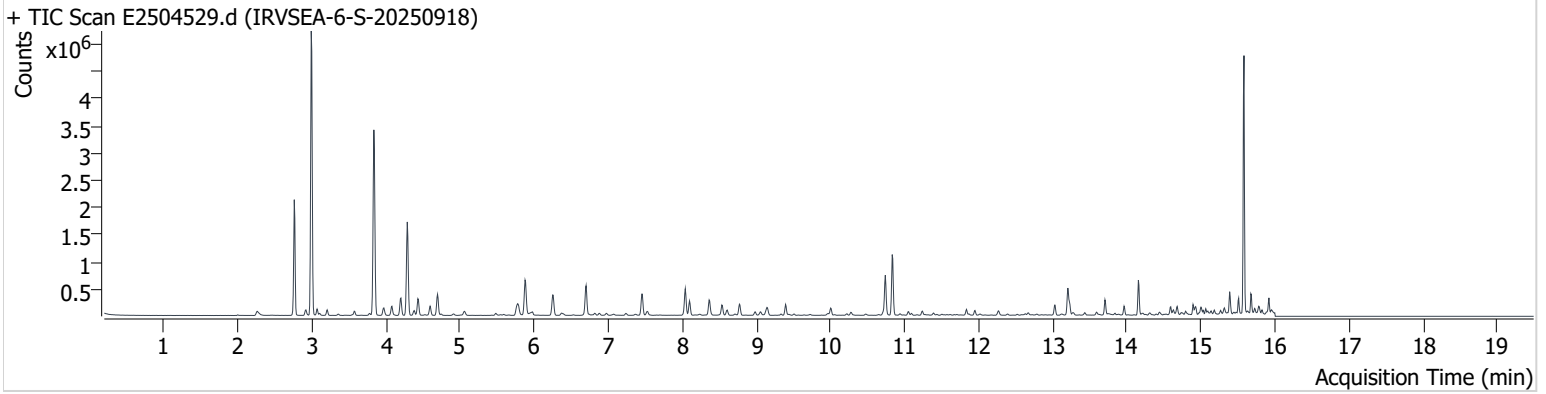


+ Scan (13.670-13.766 min, 13 scans) E2504528.d



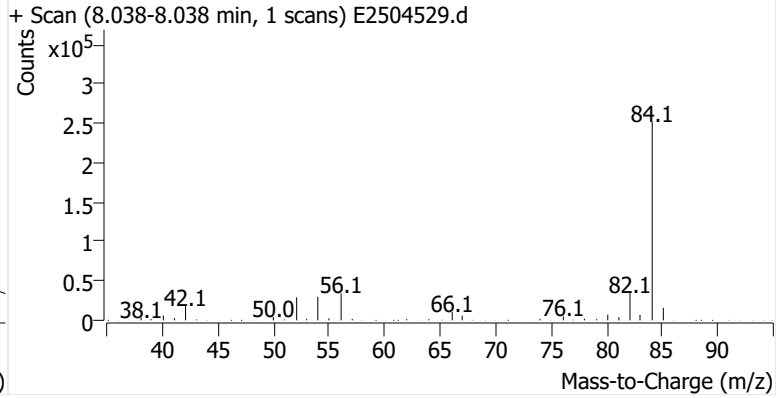
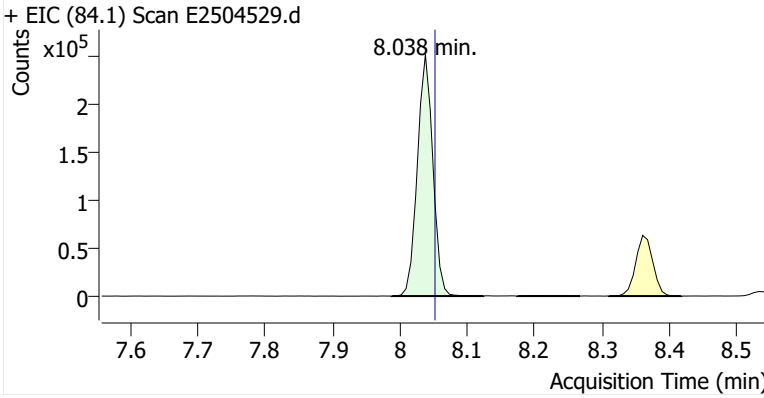
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Comment C56813
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Acq. Date-Time 10/26/2025 5:06:03 PM
Acq. Method File M325B-MTD
Tube Sorbent CarbopackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

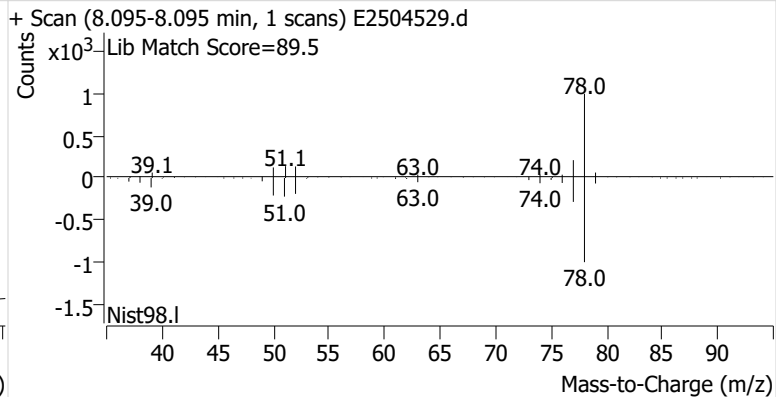
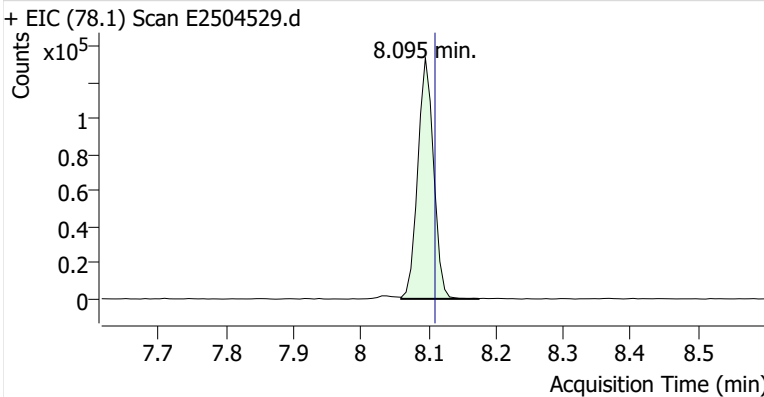


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	402,273	
Benzene	benzene-d6 (IS)	8.095	8.110	216,743	
Toluene-d8 (IS)		10.738	10.753	409,956	
Toluene	Toluene-d8 (IS)	10.832	10.846	685,673	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	124,072	
m-/p-Xylenes	Toluene-d8 (IS)	13.203	13.217	357,159	
o-Xylene	Toluene-d8 (IS)	13.704	13.718	136,984	

benzene-d6 (IS)

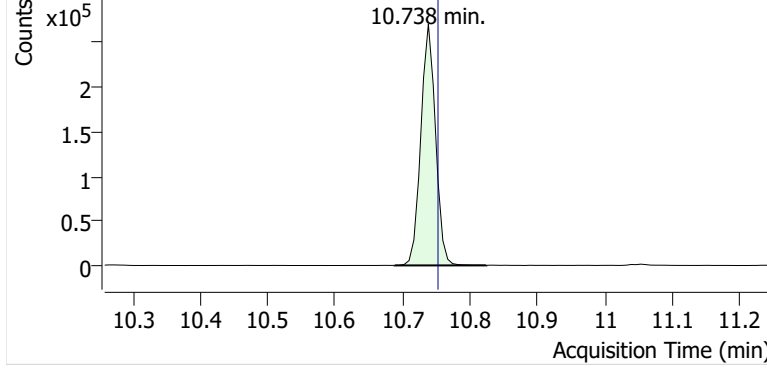


Benzene

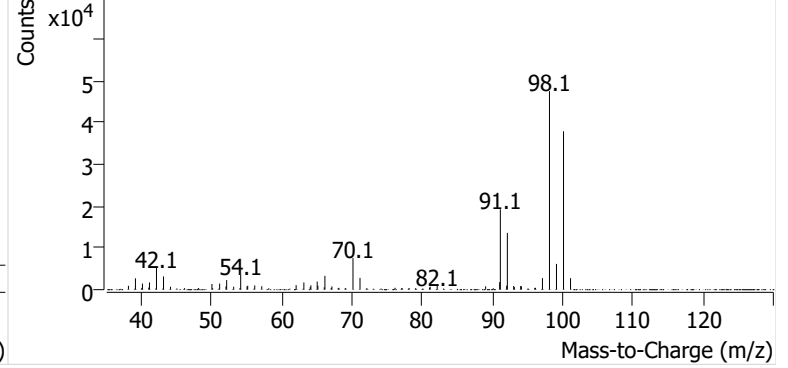


Toluene-d8 (IS)

+ EIC (98.1) Scan E2504529.d

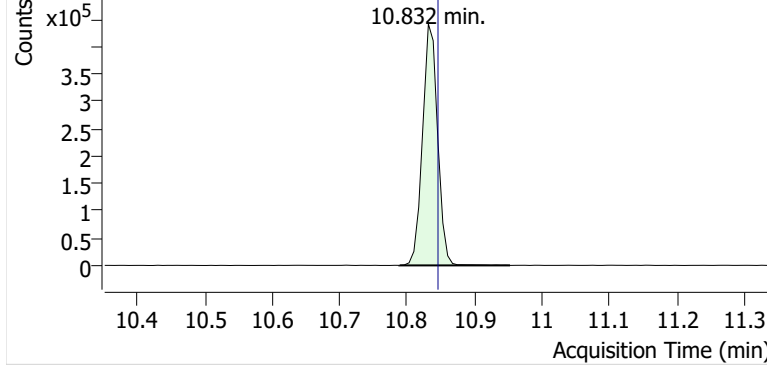


+ Scan (10.688-10.824 min, 20 scans) E2504529.d

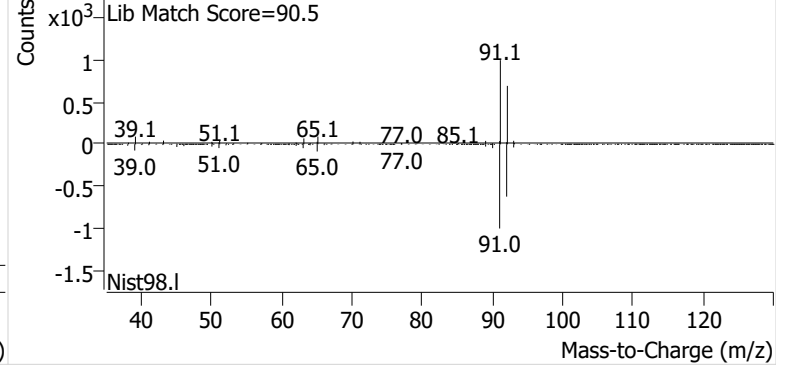


Toluene

+ EIC (91.1) Scan E2504529.d

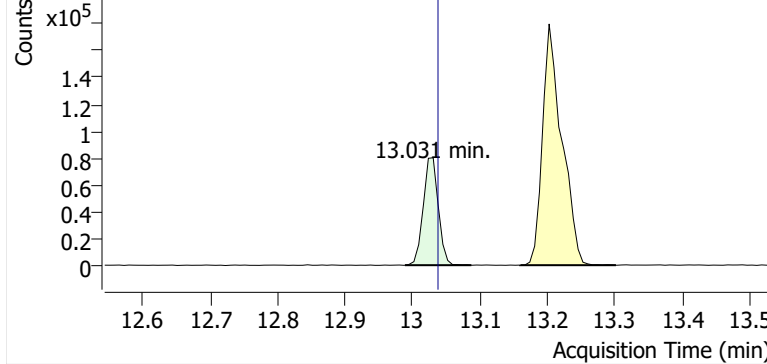


+ Scan (10.789-10.953 min, 23 scans) E2504529.d

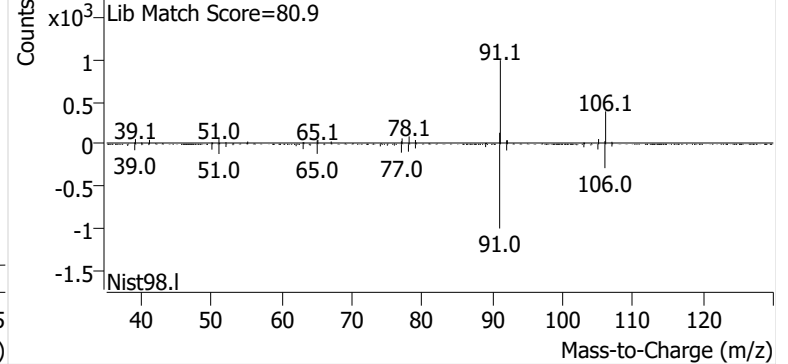


Ethylbenzene

+ EIC (91.1) Scan E2504529.d

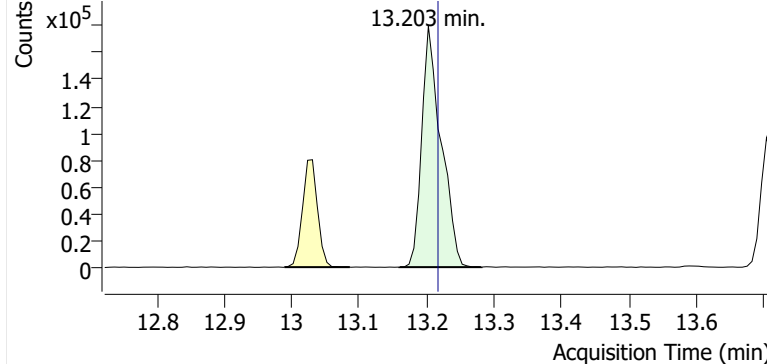


+ Scan (12.989-13.087 min, 13 scans) E2504529.d

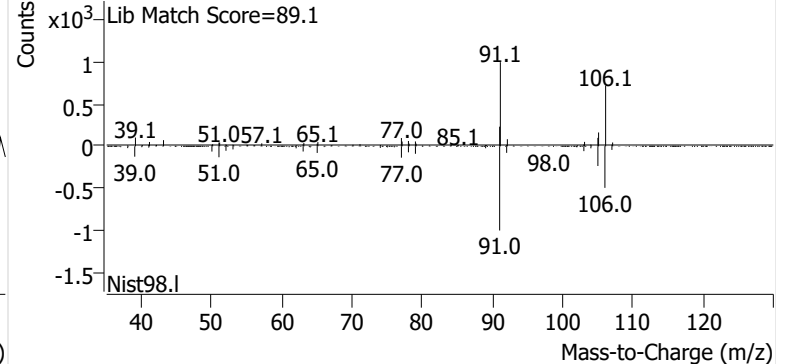


m-/p-Xylenes

+ EIC (91.1) Scan E2504529.d

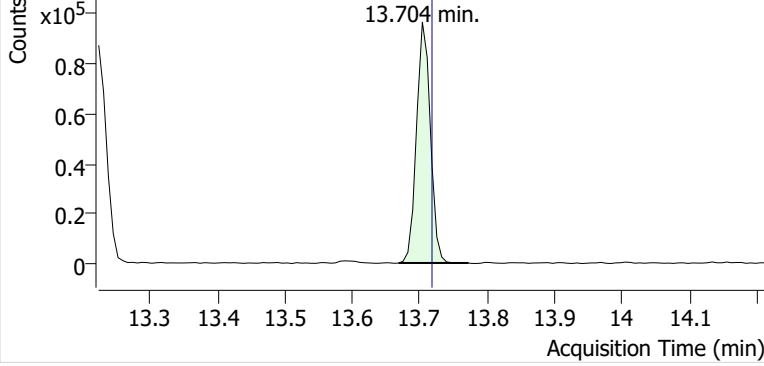


+ Scan (13.160-13.281 min, 18 scans) E2504529.d

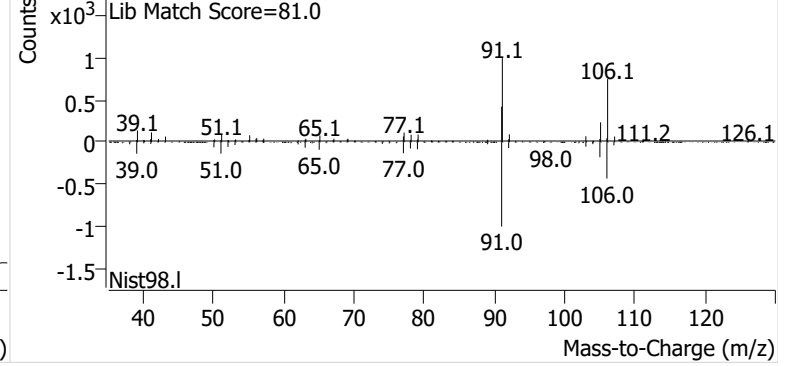


o-Xylene

+ EIC (91.1) Scan E2504529.d

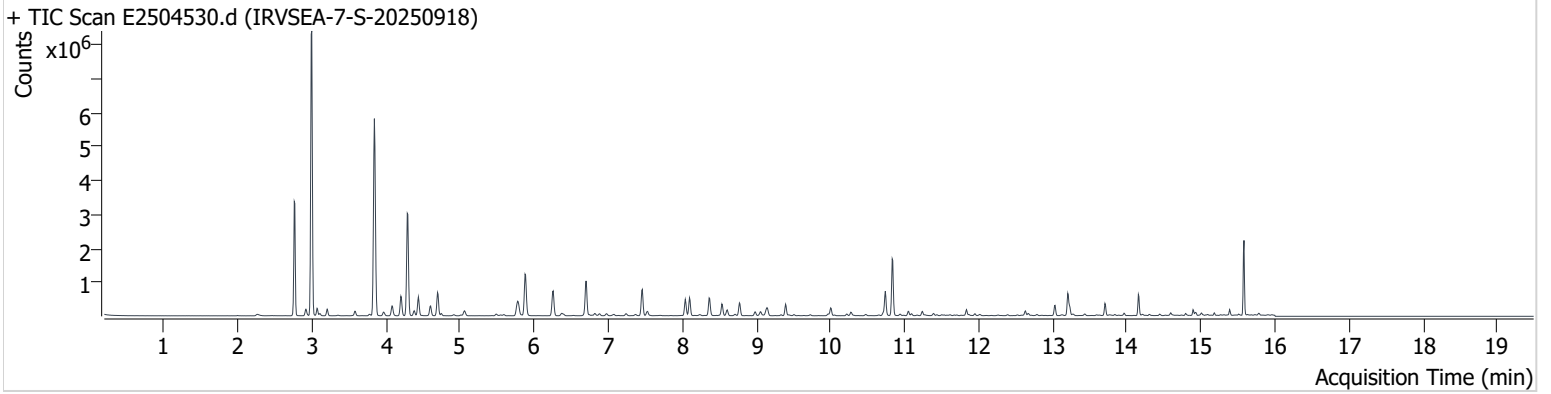


+ Scan (13.669-13.772 min, 14 scans) E2504529.d



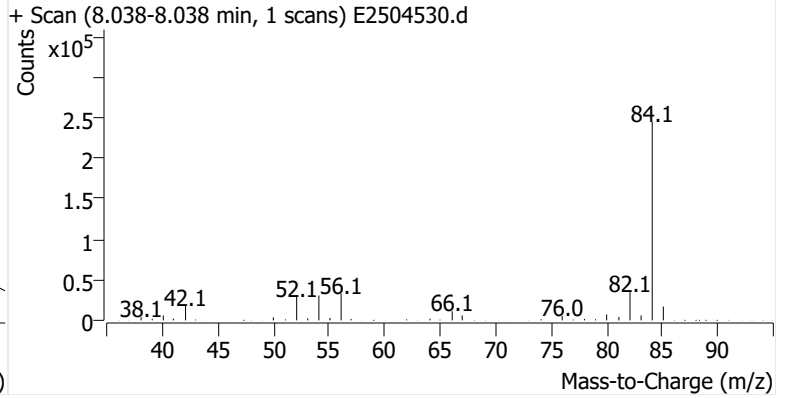
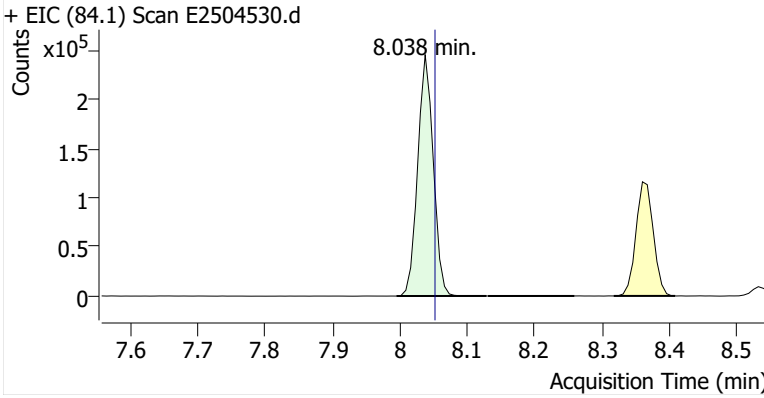
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Comment B47147
Data File E2504530.d
Acq. Date-Time 10/26/2025 5:31:52 PM
Acq. Method File M325B-MTD
Tube Sorbent CarbopackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

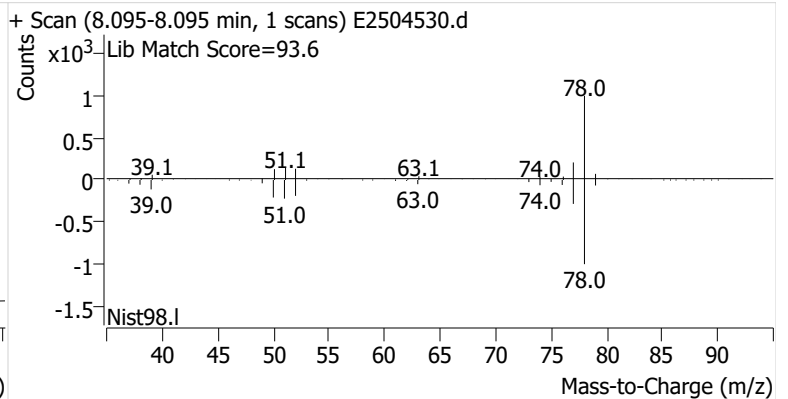
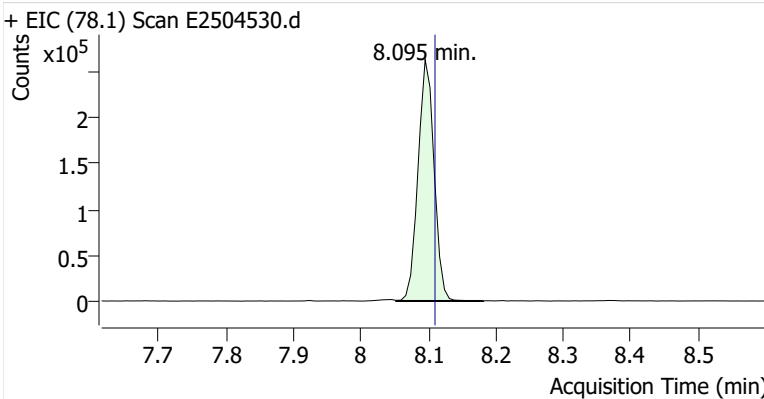


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	392,826	
Benzene	benzene-d6 (IS)	8.095	8.110	435,996	
Toluene-d8 (IS)		10.738	10.753	405,245	
Toluene	Toluene-d8 (IS)	10.831	10.846	1,057,851	
Ethylbenzene	Toluene-d8 (IS)	13.030	13.038	202,703	
m-/p-Xylenes	Toluene-d8 (IS)	13.202	13.217	469,300	
o-Xylene	Toluene-d8 (IS)	13.704	13.718	185,022	

benzene-d6 (IS)

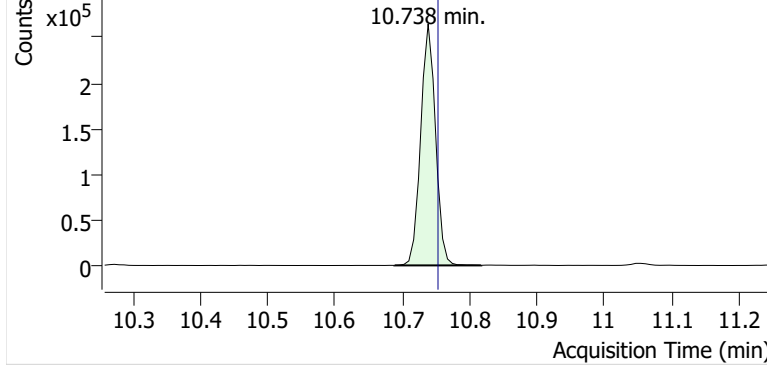


Benzene

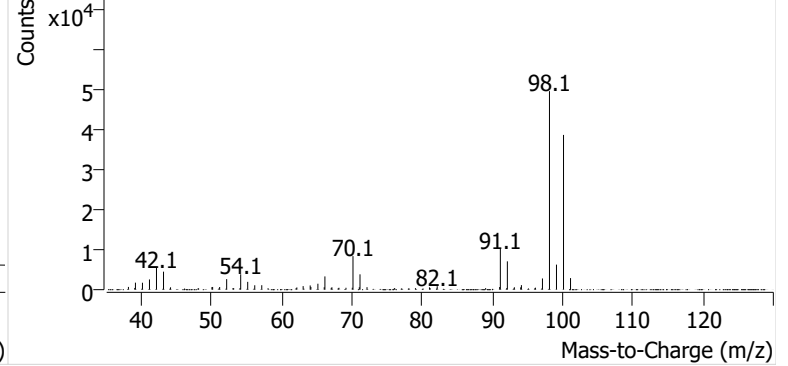


Toluene-d8 (IS)

+ EIC (98.1) Scan E2504530.d

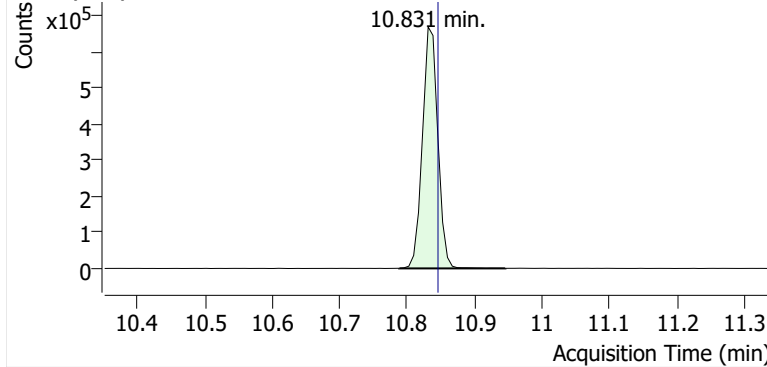


+ Scan (10.688-10.817 min, 19 scans) E2504530.d

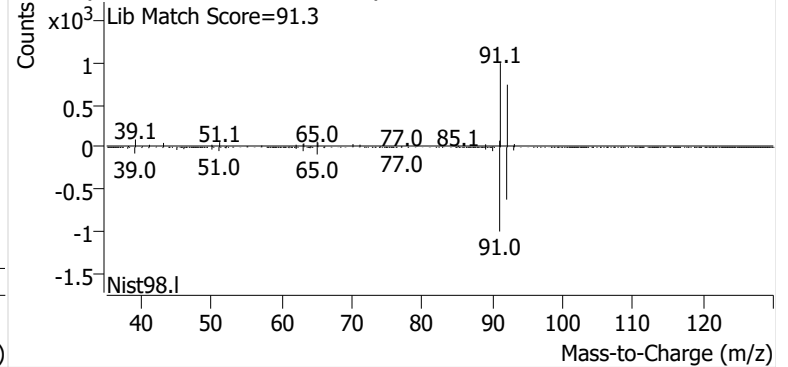


Toluene

+ EIC (91.1) Scan E2504530.d

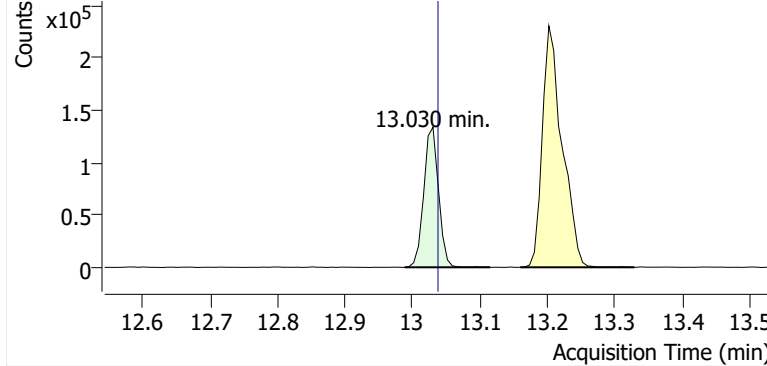


+ Scan (10.788-10.946 min, 23 scans) E2504530.d

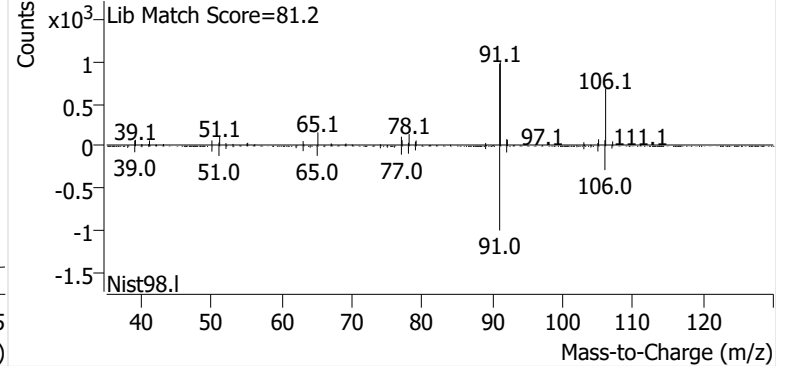


Ethylbenzene

+ EIC (91.1) Scan E2504530.d

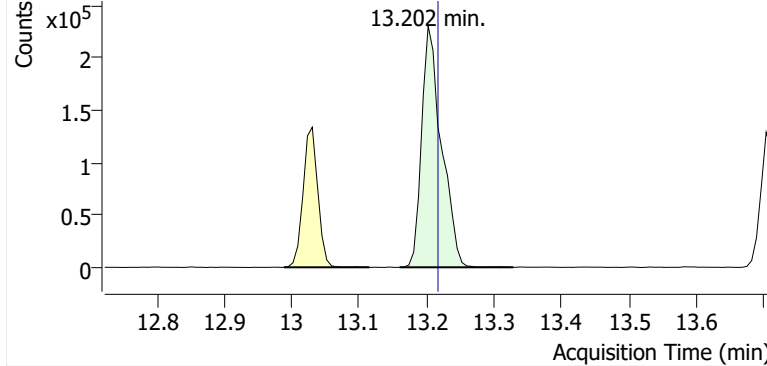


+ Scan (12.988-13.115 min, 17 scans) E2504530.d

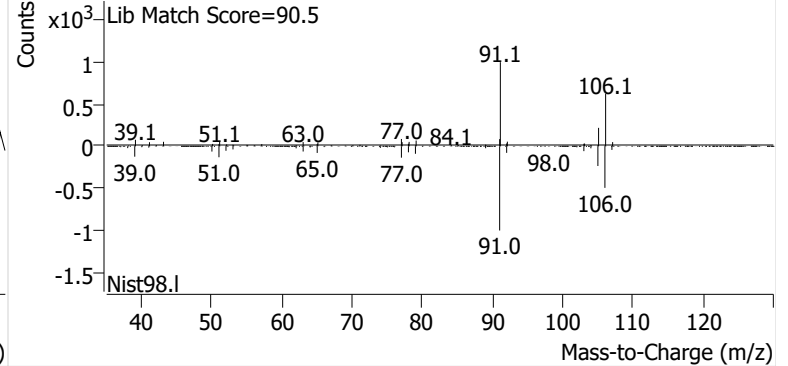


m-/p-Xylenes

+ EIC (91.1) Scan E2504530.d

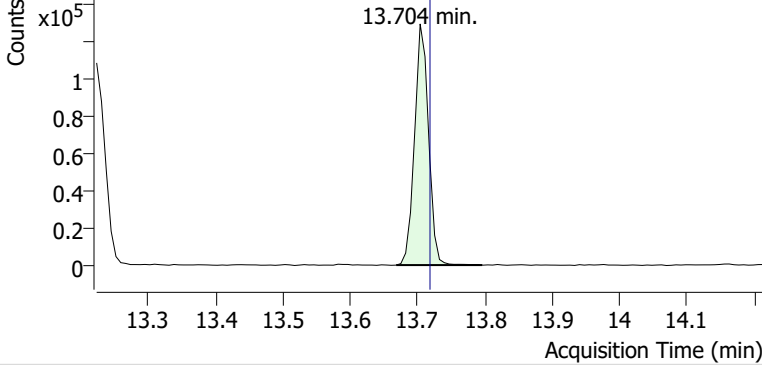


+ Scan (13.160-13.329 min, 23 scans) E2504530.d

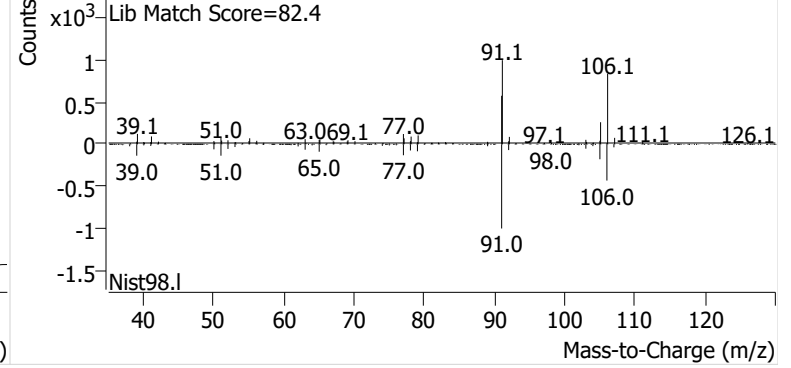


o-Xylene

+ EIC (91.1) Scan E2504530.d

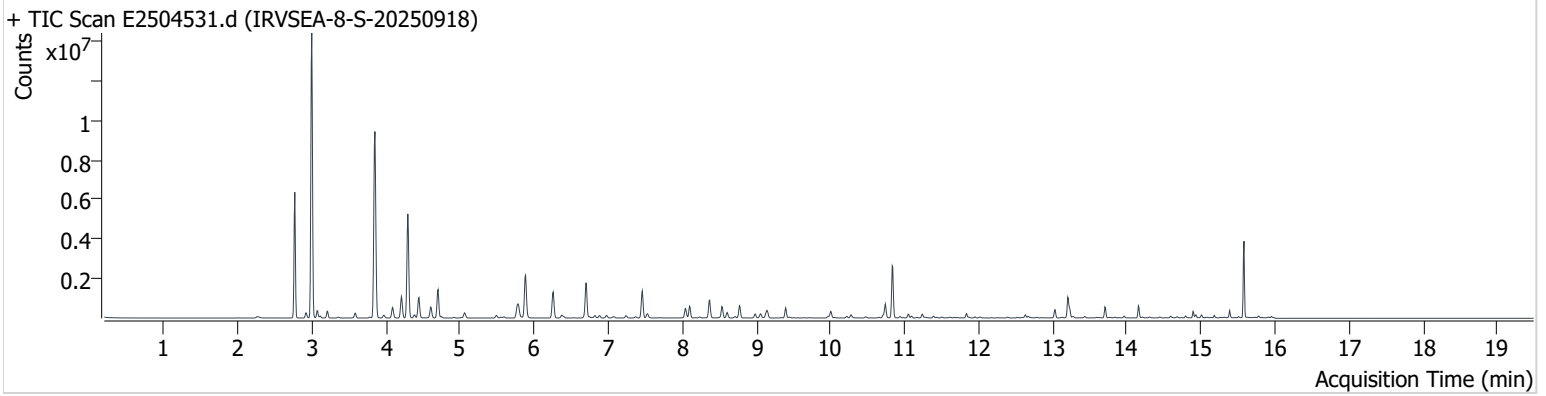


+ Scan (13.668-13.796 min, 17 scans) E2504530.d



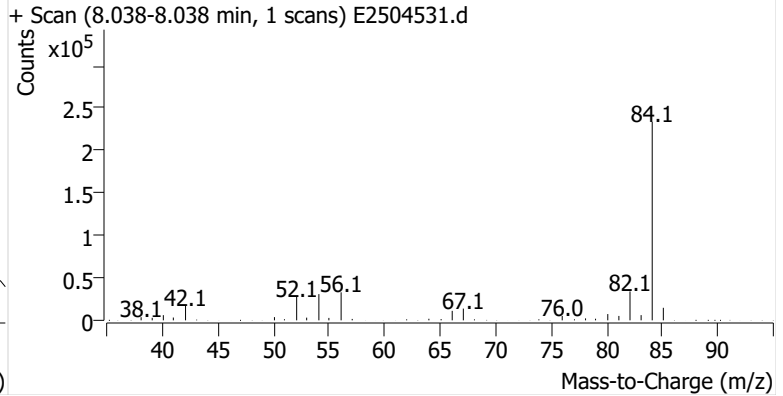
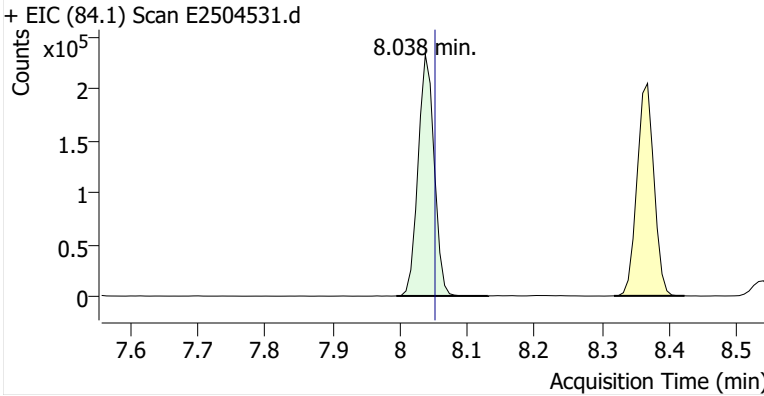
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Comment C57053
Data File E2504531.d
Acq. Date-Time 10/26/2025 5:57:44 PM
Acq. Method File M325B-MTD
Tube Sorbent CarbopackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

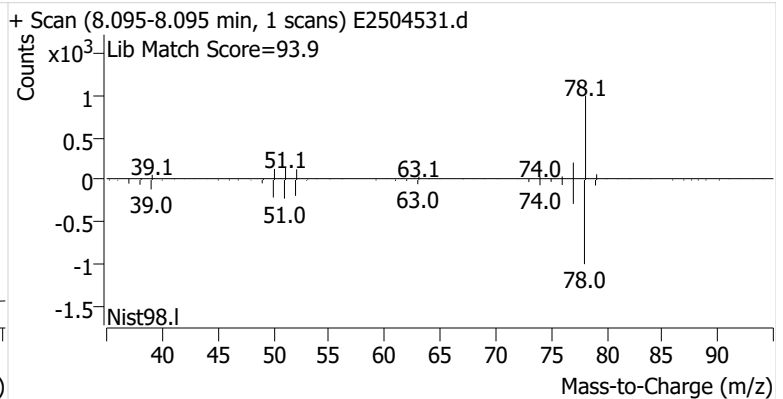
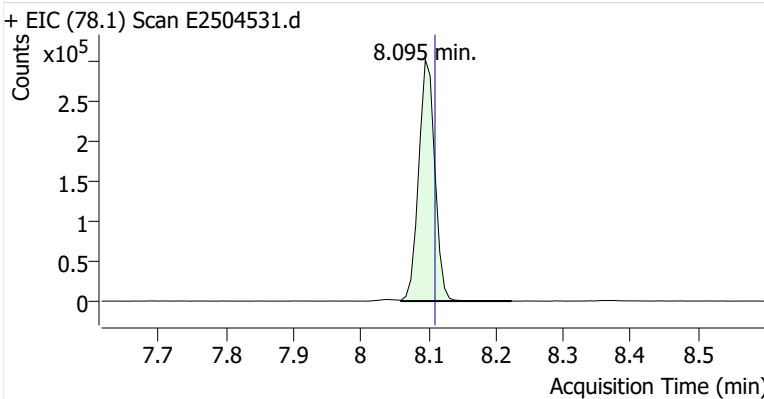


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	386,910	
Benzene	benzene-d6 (IS)	8.095	8.110	501,887	
Toluene-d8 (IS)		10.738	10.753	396,264	
Toluene	Toluene-d8 (IS)	10.832	10.846	1,669,533	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	276,145	
m-/p-Xylenes	Toluene-d8 (IS)	13.203	13.217	765,467	
o-Xylene	Toluene-d8 (IS)	13.704	13.718	289,847	

benzene-d6 (IS)

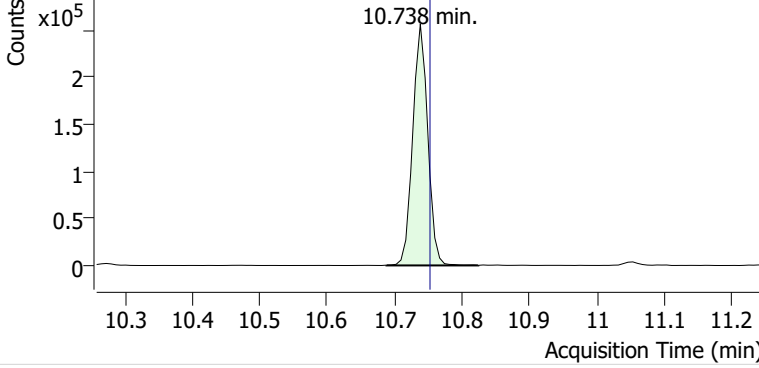


Benzene

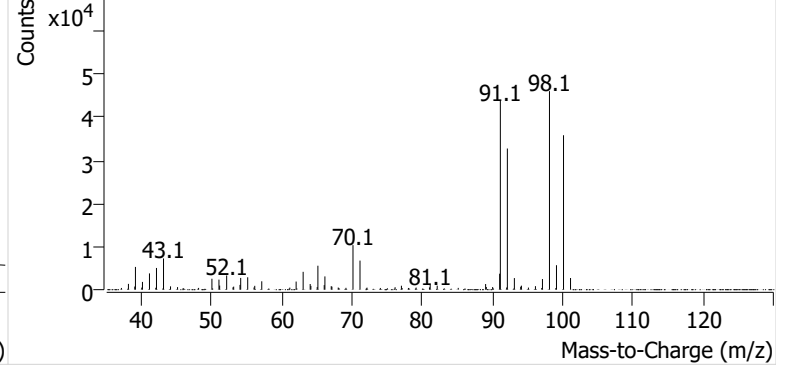


Toluene-d8 (IS)

+ EIC (98.1) Scan E2504531.d

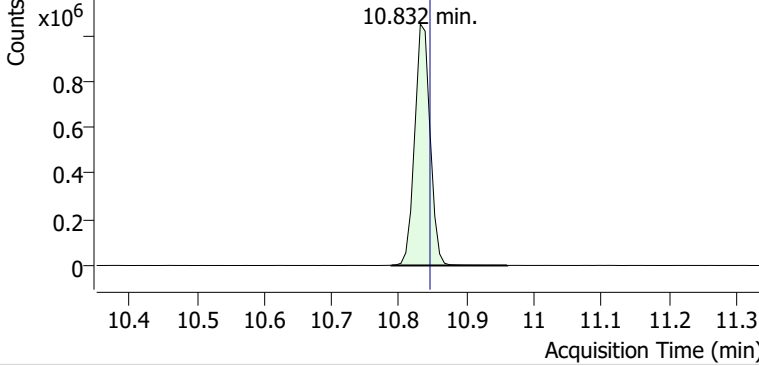


+ Scan (10.688-10.824 min, 20 scans) E2504531.d

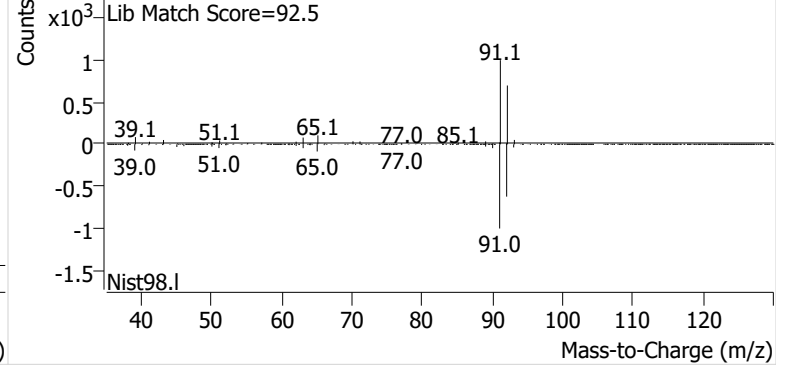


Toluene

+ EIC (91.1) Scan E2504531.d

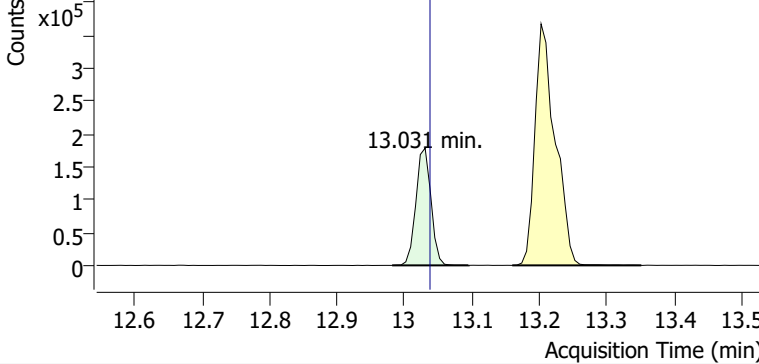


+ Scan (10.789-10.960 min, 25 scans) E2504531.d

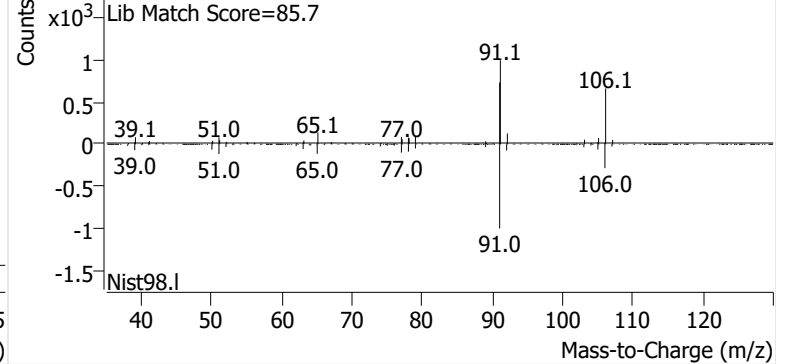


Ethylbenzene

+ EIC (91.1) Scan E2504531.d

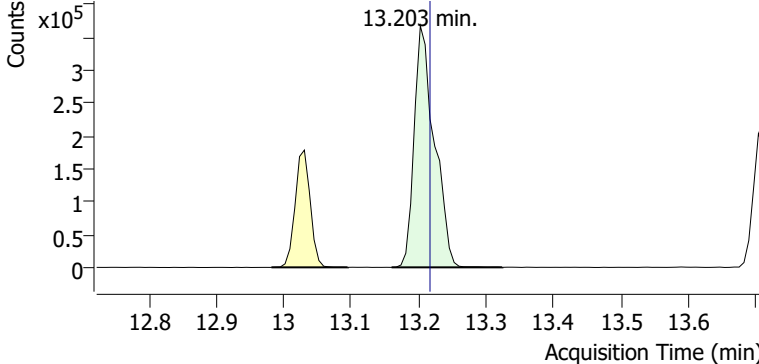


+ Scan (12.982-13.095 min, 16 scans) E2504531.d

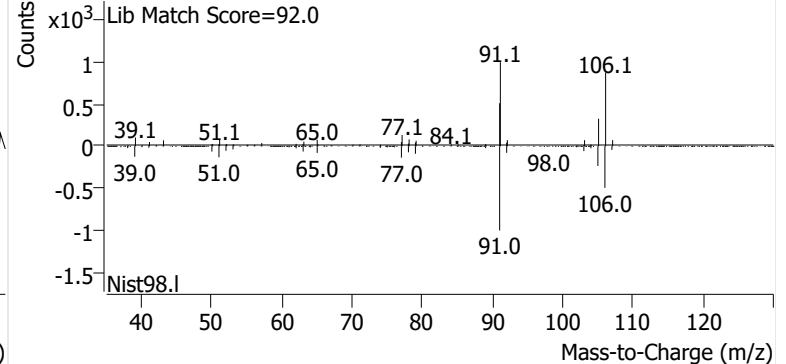


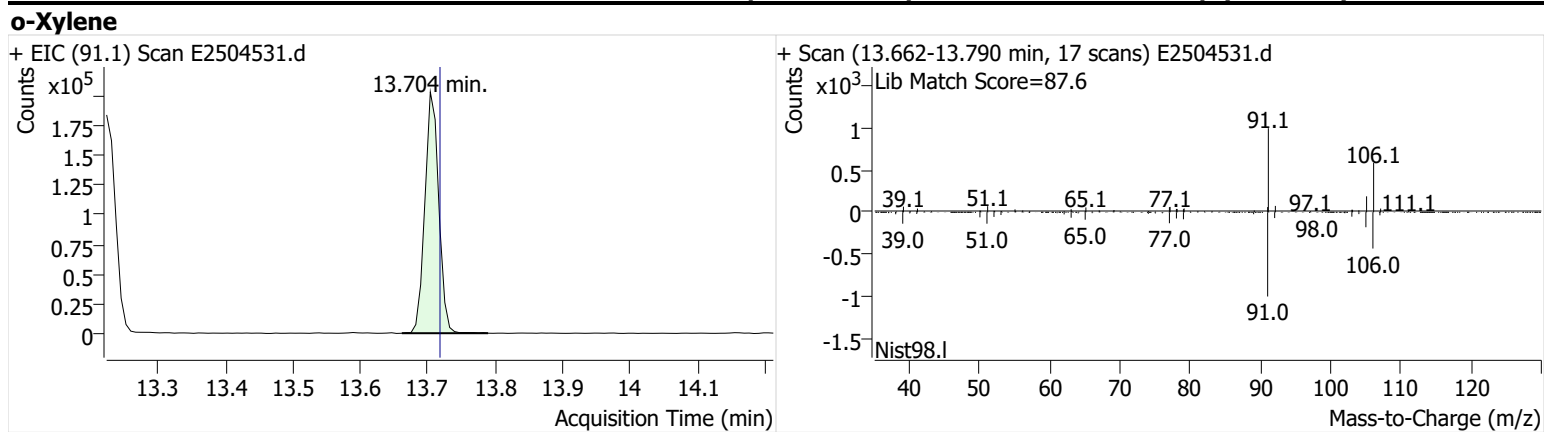
m-/p-Xylenes

+ EIC (91.1) Scan E2504531.d



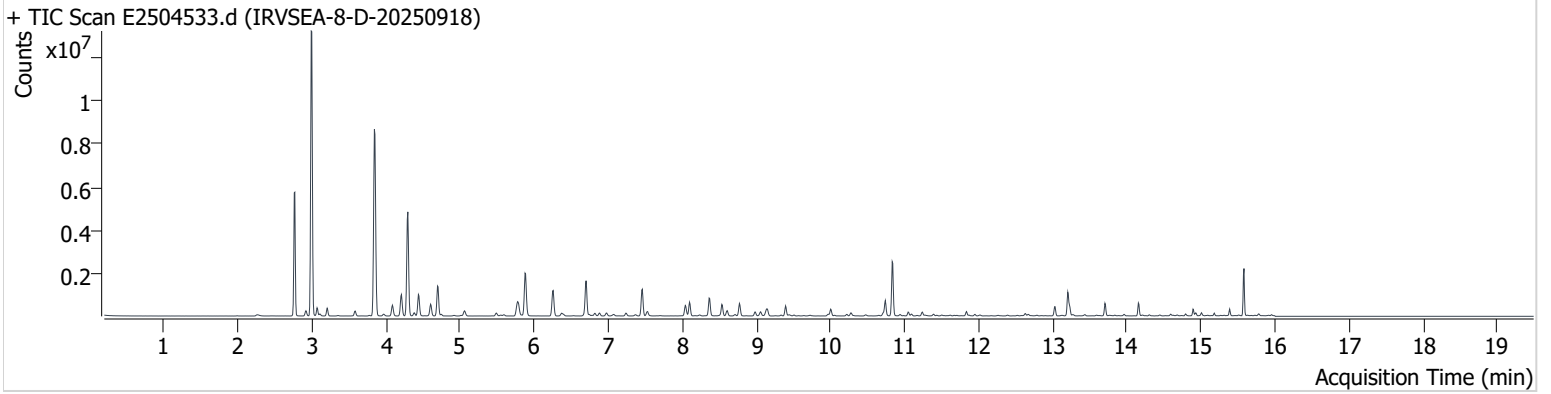
+ Scan (13.160-13.324 min, 23 scans) E2504531.d





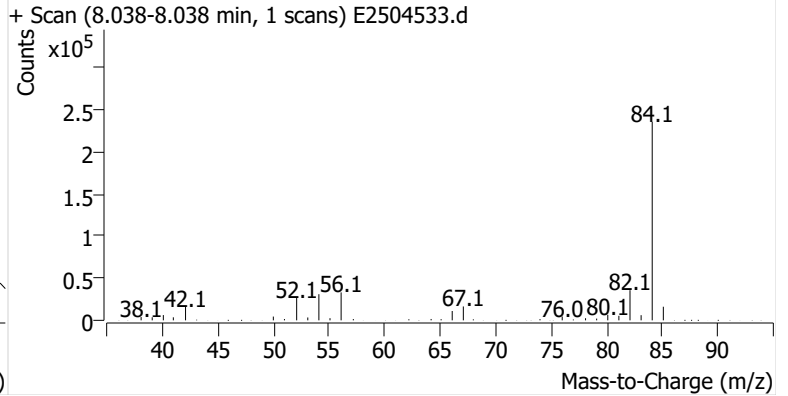
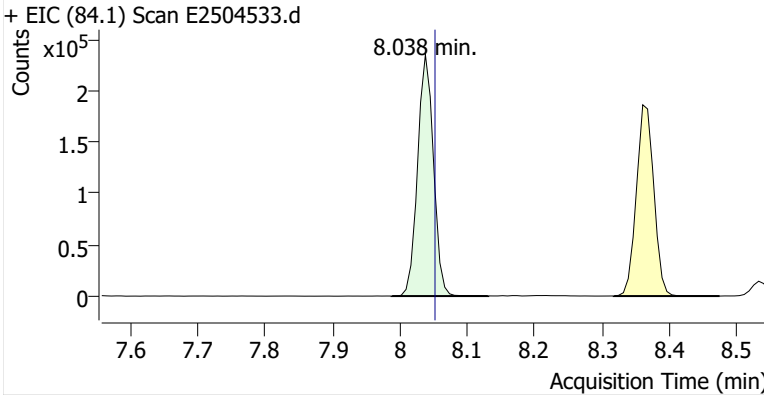
Name IRVSEA-8-D-20250918
Comment C00730
Data File E2504533.d
Acq. Date-Time 10/26/2025 6:49:07 PM
Acq. Method File M325B-MTD
Tube Sorbent CarbopackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

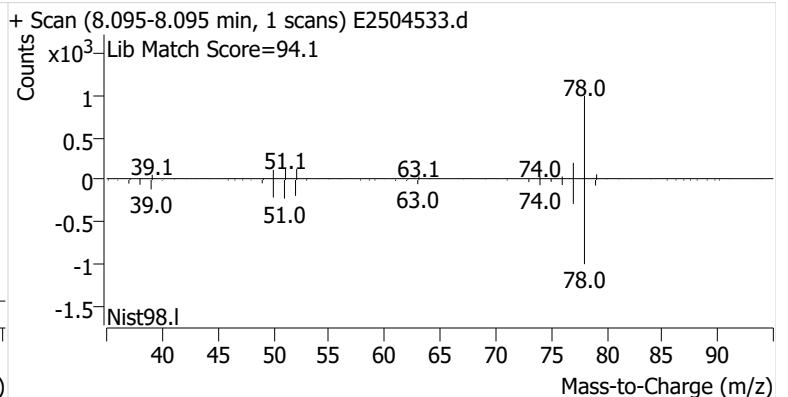
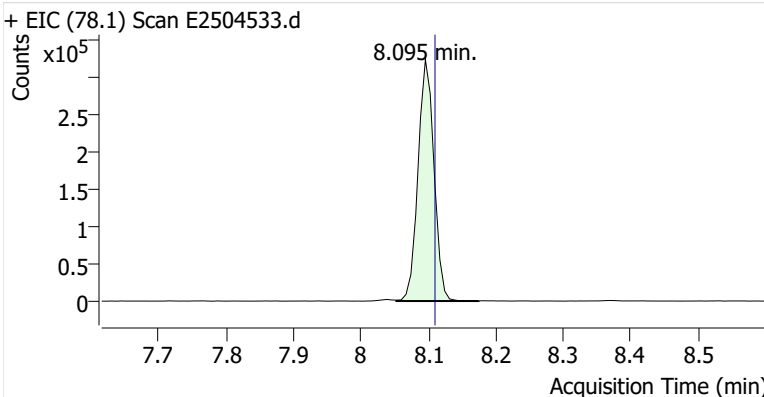


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	384,522	
Benzene	benzene-d6 (IS)	8.095	8.110	534,244	
Toluene-d8 (IS)		10.739	10.753	398,948	
Toluene	Toluene-d8 (IS)	10.832	10.846	1,593,072	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	288,393	
m-/p-Xylenes	Toluene-d8 (IS)	13.203	13.217	778,243	
o-Xylene	Toluene-d8 (IS)	13.704	13.718	299,140	

benzene-d6 (IS)

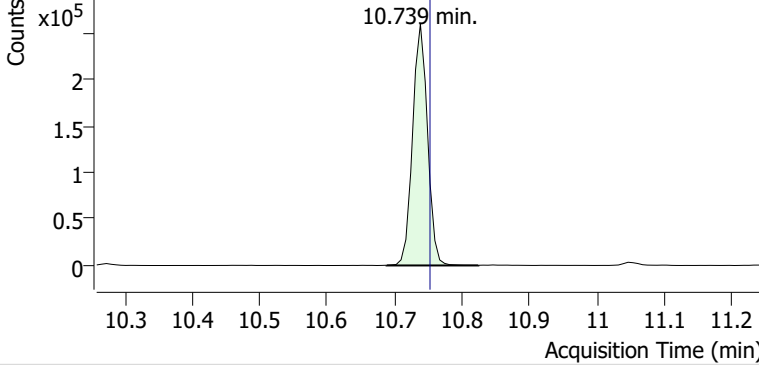


Benzene

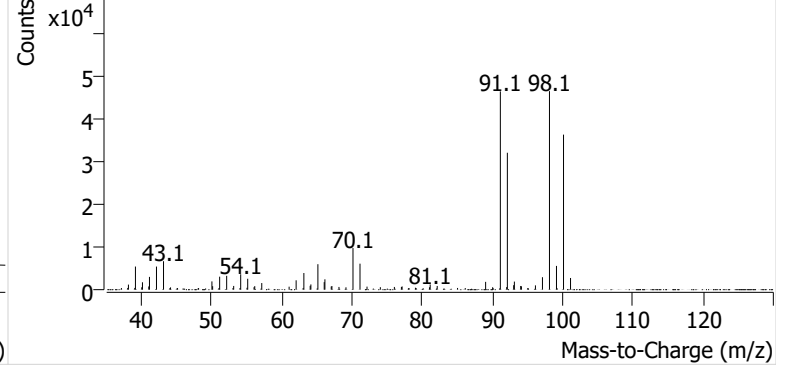


Toluene-d8 (IS)

+ EIC (98.1) Scan E2504533.d

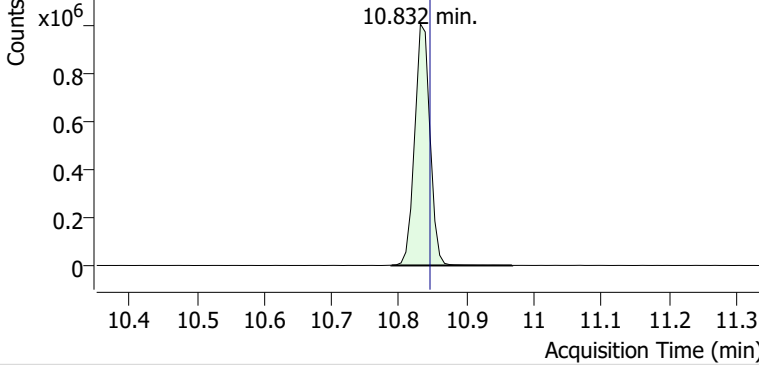


+ Scan (10.688-10.824 min, 20 scans) E2504533.d

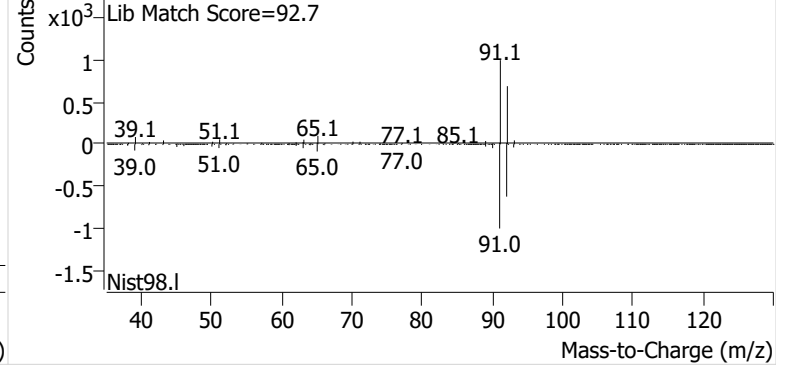


Toluene

+ EIC (91.1) Scan E2504533.d

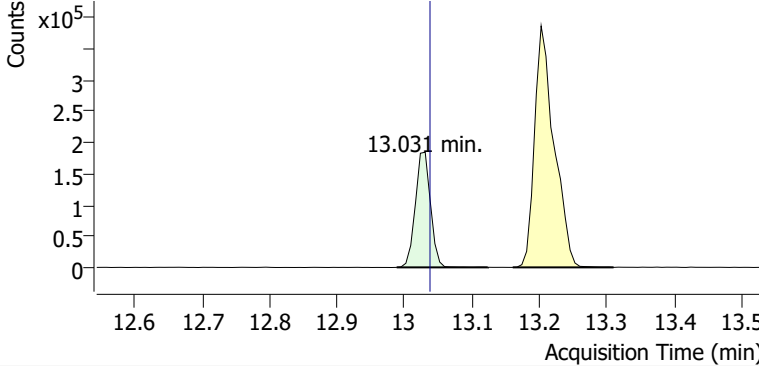


+ Scan (10.789-10.968 min, 26 scans) E2504533.d

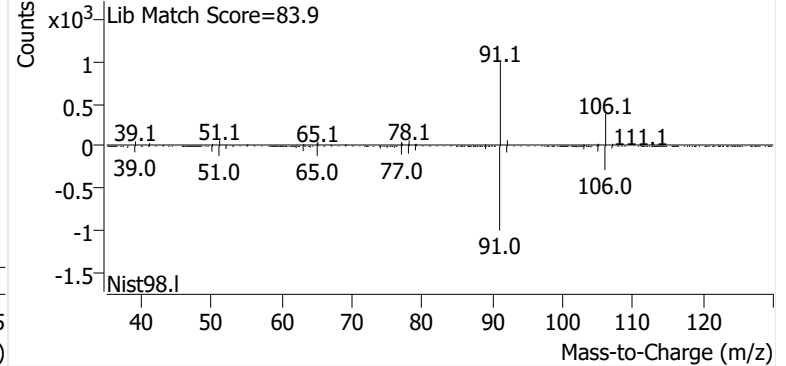


Ethylbenzene

+ EIC (91.1) Scan E2504533.d

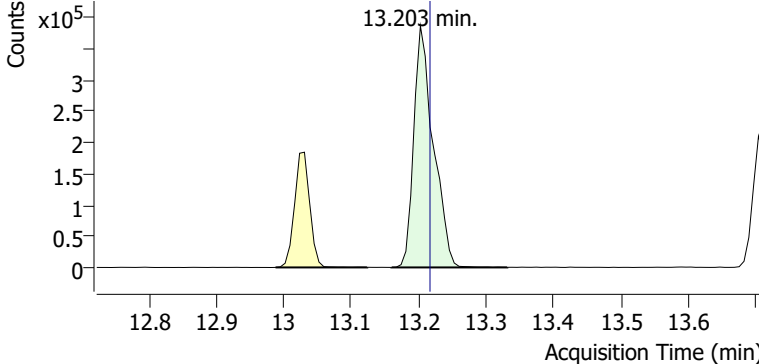


+ Scan (12.988-13.124 min, 19 scans) E2504533.d

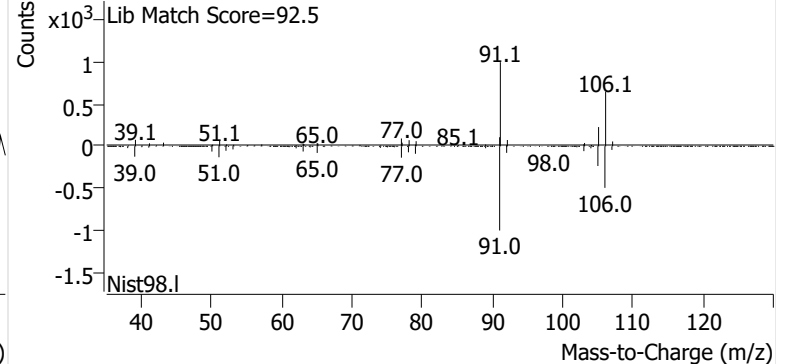


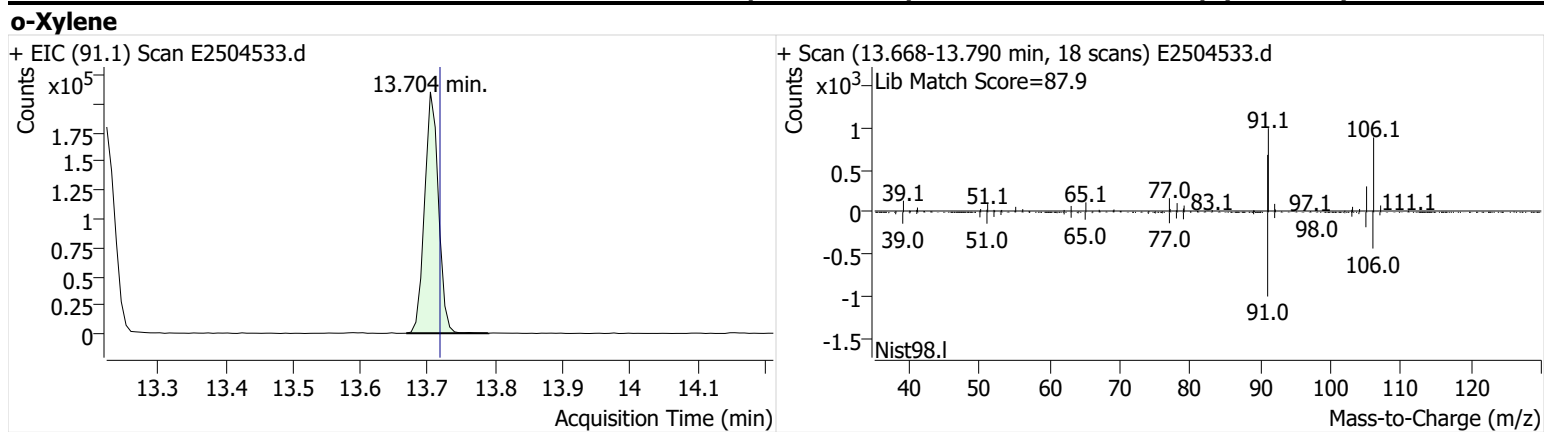
m-/p-Xylenes

+ EIC (91.1) Scan E2504533.d



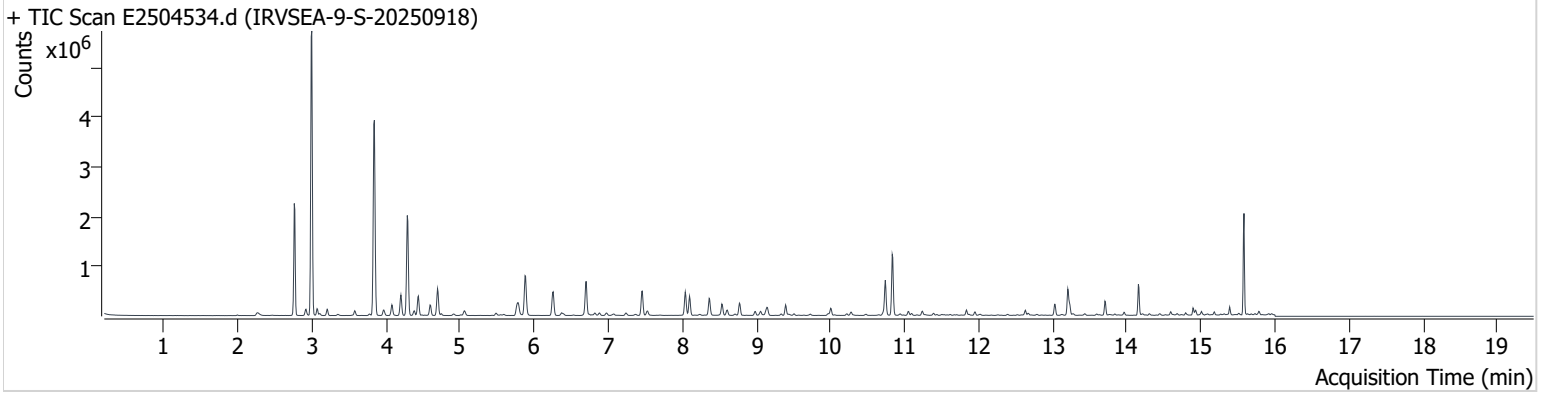
+ Scan (13.160-13.332 min, 25 scans) E2504533.d





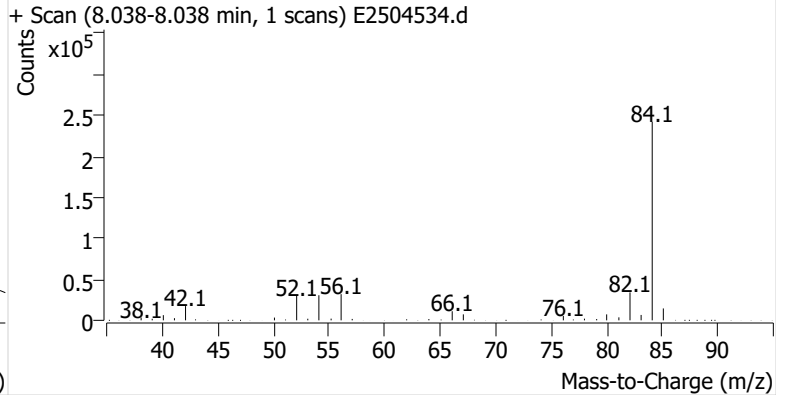
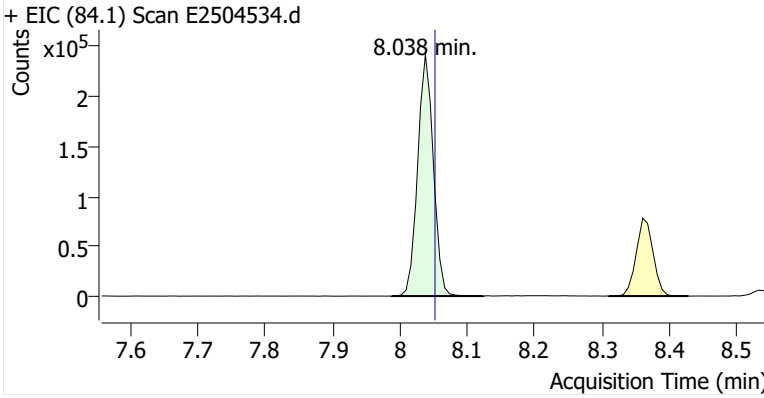
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Comment B51004
Data File E2504534.d
Acq. Date-Time 10/26/2025 7:14:55 PM
Acq. Method File M325B-MTD
Tube Sorbent CarbopackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

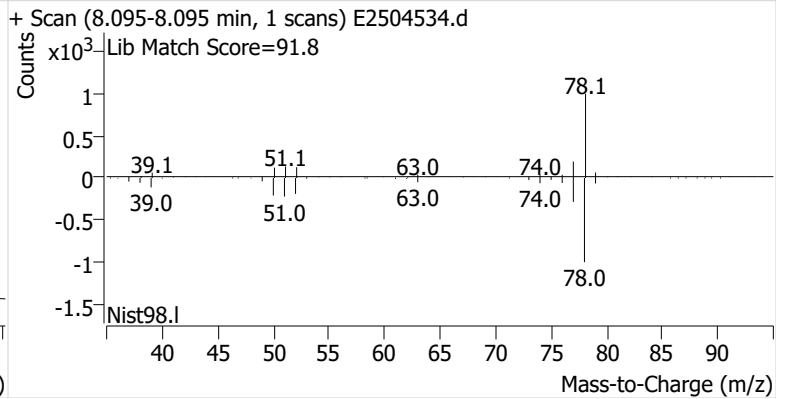
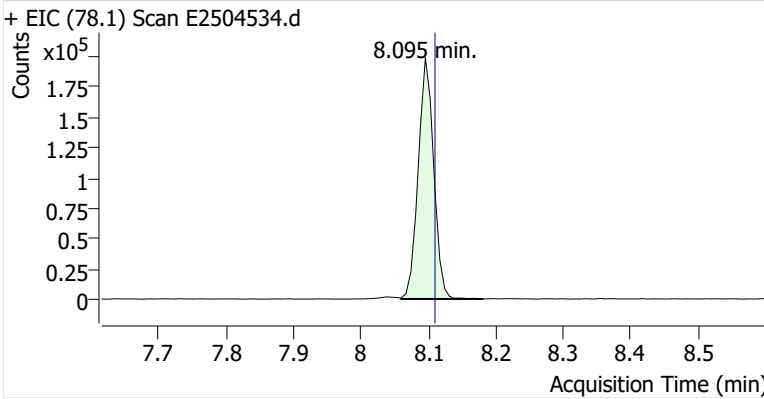


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	391,377	
Benzene	benzene-d6 (IS)	8.095	8.110	317,525	
Toluene-d8 (IS)		10.738	10.753	397,123	
Toluene	Toluene-d8 (IS)	10.832	10.846	771,430	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	151,114	
m-/p-Xylenes	Toluene-d8 (IS)	13.203	13.217	379,977	
o-Xylene	Toluene-d8 (IS)	13.704	13.718	148,557	

benzene-d6 (IS)

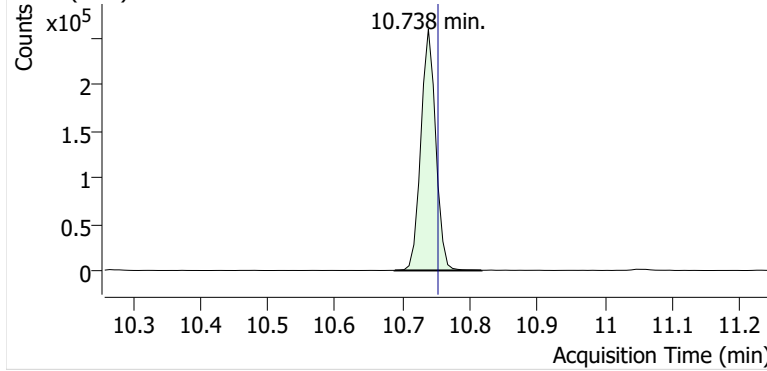


Benzene

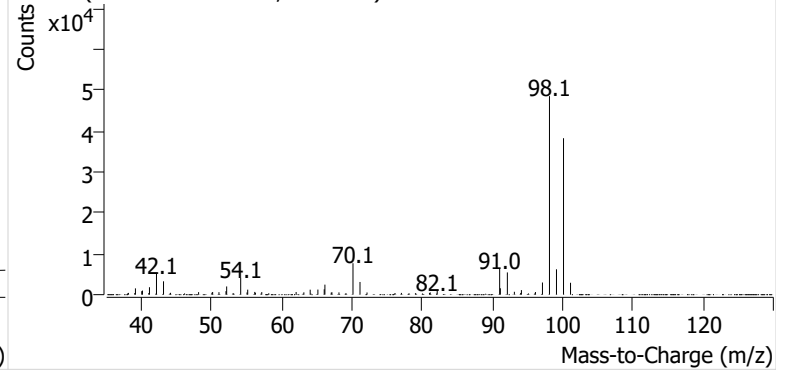


Toluene-d8 (IS)

+ EIC (98.1) Scan E2504534.d

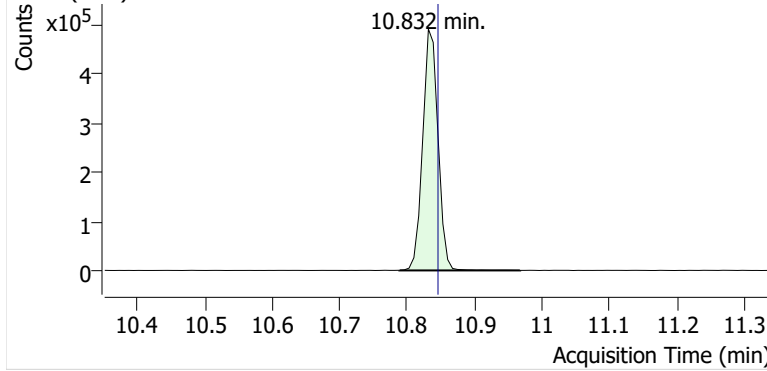


+ Scan (10.688-10.817 min, 19 scans) E2504534.d

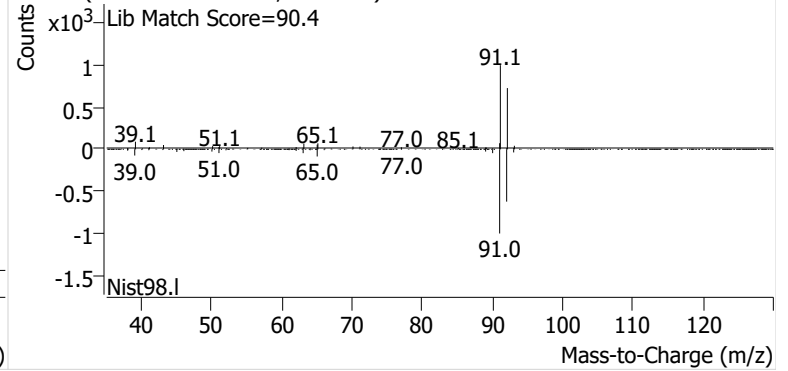


Toluene

+ EIC (91.1) Scan E2504534.d

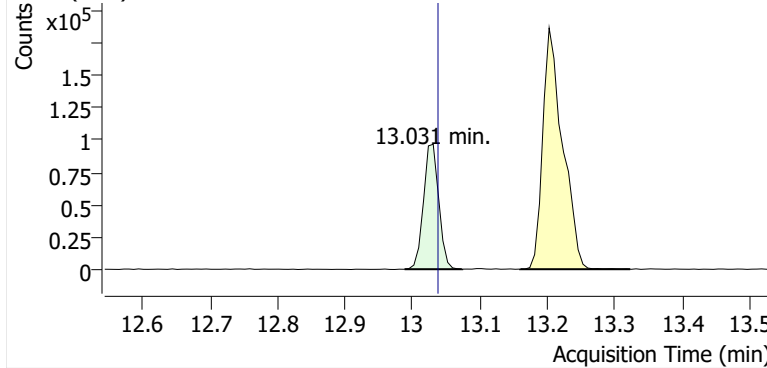


+ Scan (10.789-10.968 min, 26 scans) E2504534.d

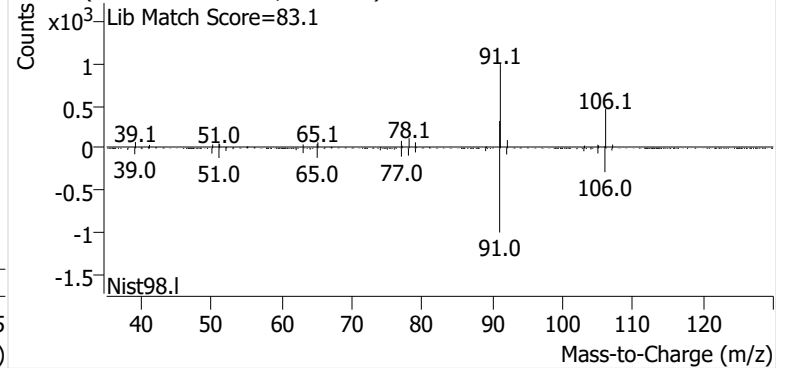


Ethylbenzene

+ EIC (91.1) Scan E2504534.d

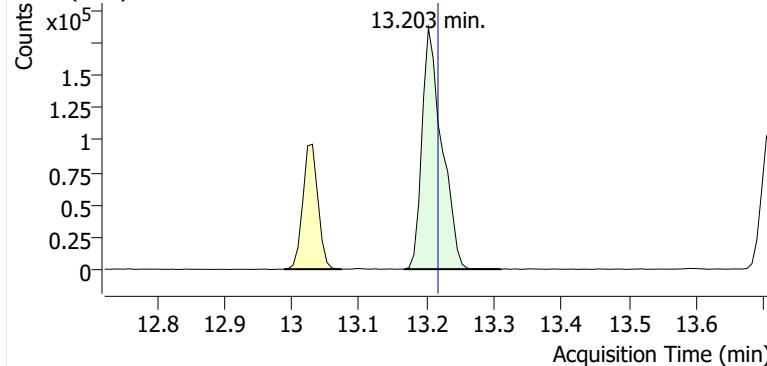


+ Scan (12.988-13.074 min, 12 scans) E2504534.d

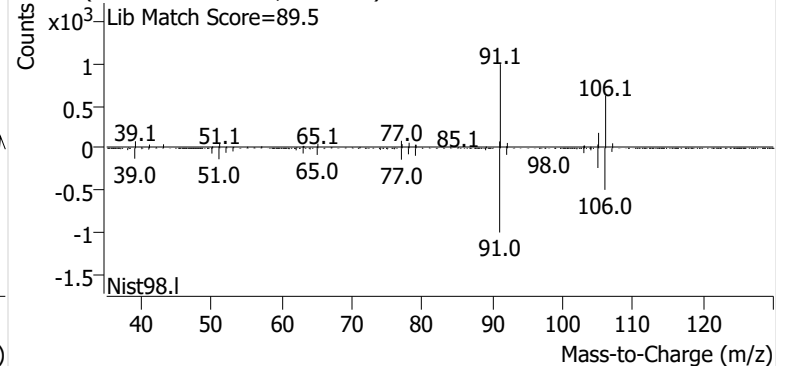


m-/p-Xylenes

+ EIC (91.1) Scan E2504534.d

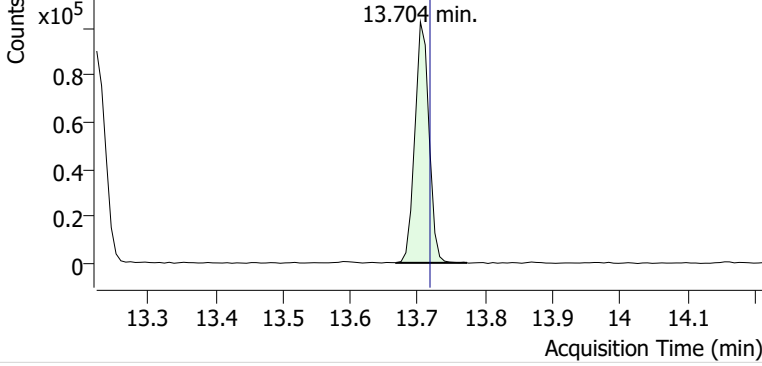


+ Scan (13.167-13.310 min, 21 scans) E2504534.d

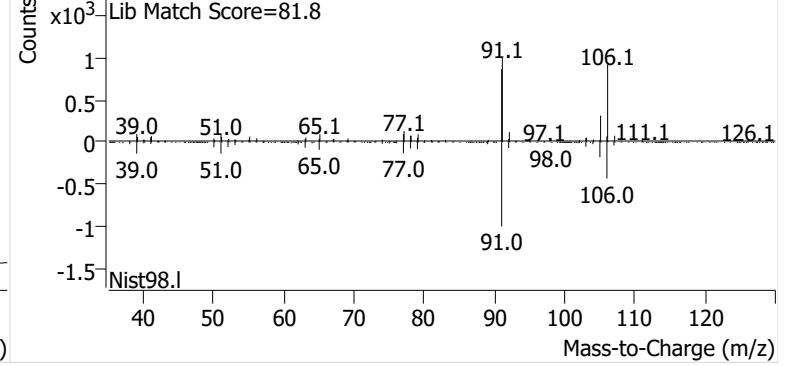


o-Xylene

+ EIC (91.1) Scan E2504534.d

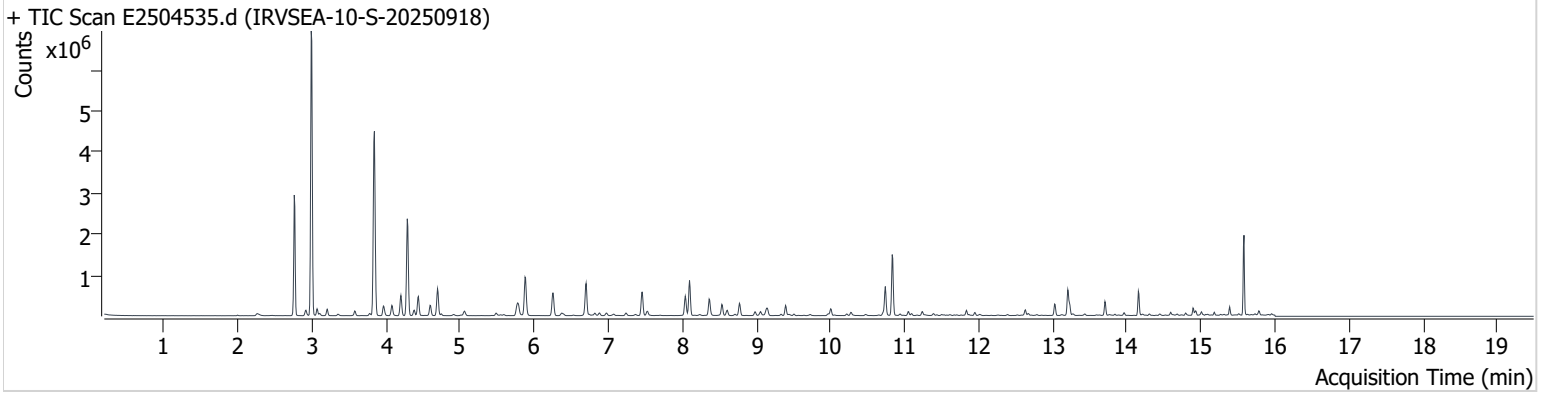


+ Scan (13.668-13.773 min, 15 scans) E2504534.d



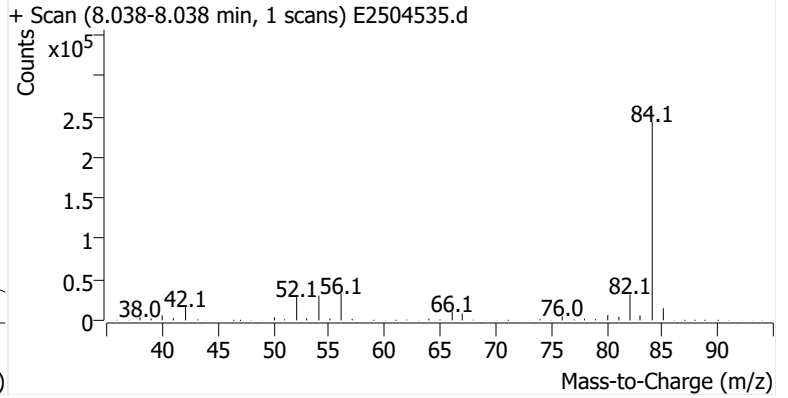
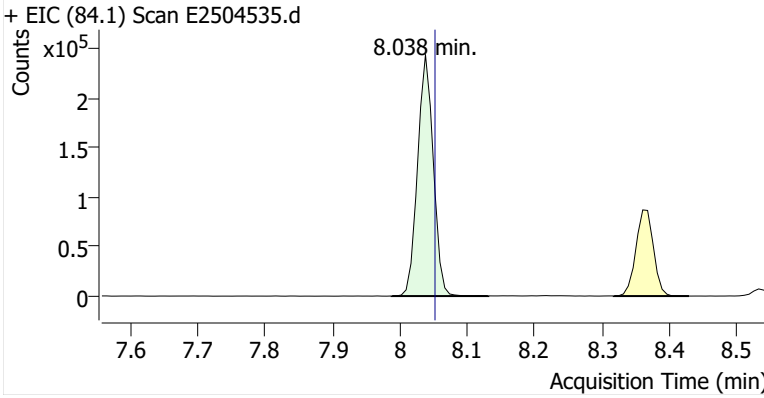
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Comment B18439
Data File E2504535.d
Acq. Date-Time 10/26/2025 7:40:38 PM
Acq. Method File M325B-MTD
Tube Sorbent CarbopackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

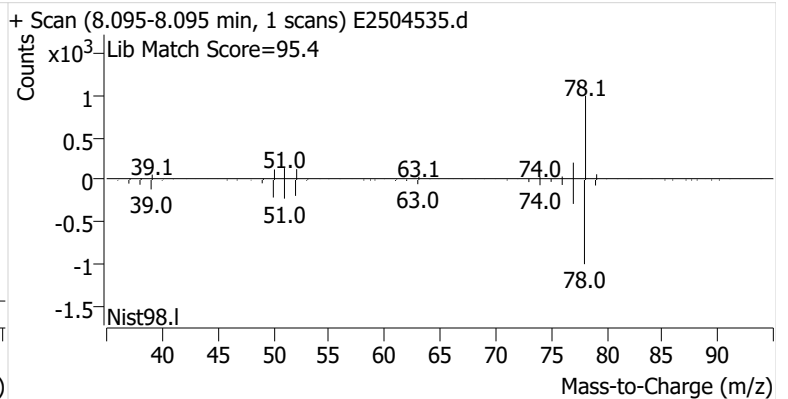
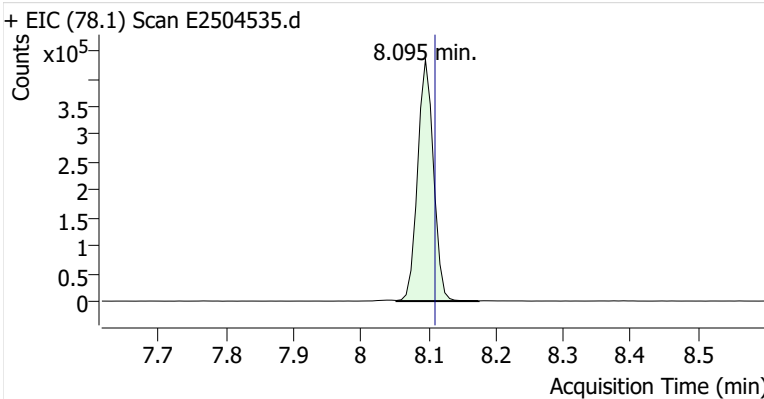


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	394,443	
Benzene	benzene-d6 (IS)	8.095	8.110	709,785	
Toluene-d8 (IS)		10.739	10.753	398,918	
Toluene	Toluene-d8 (IS)	10.832	10.846	928,340	
Ethylbenzene	Toluene-d8 (IS)	13.024	13.038	187,869	
m-/p-Xylenes	Toluene-d8 (IS)	13.203	13.217	454,223	
o-Xylene	Toluene-d8 (IS)	13.704	13.718	170,158	

benzene-d6 (IS)

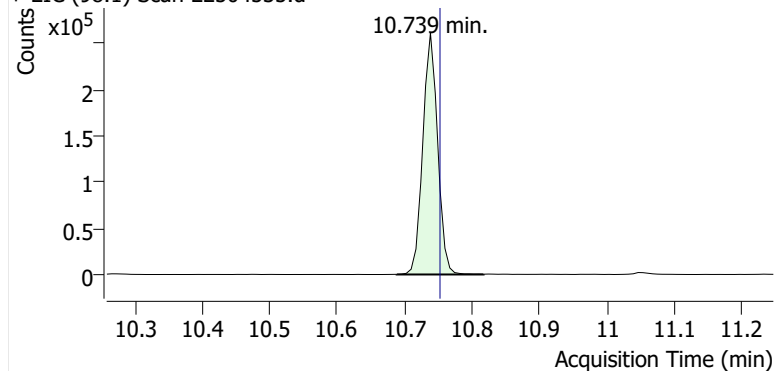


Benzene

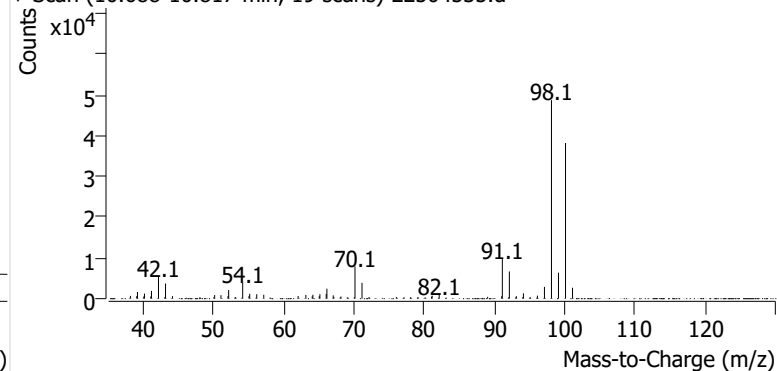


Toluene-d8 (IS)

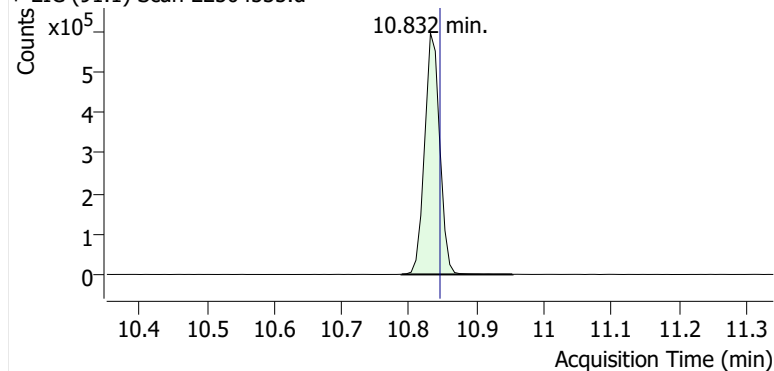
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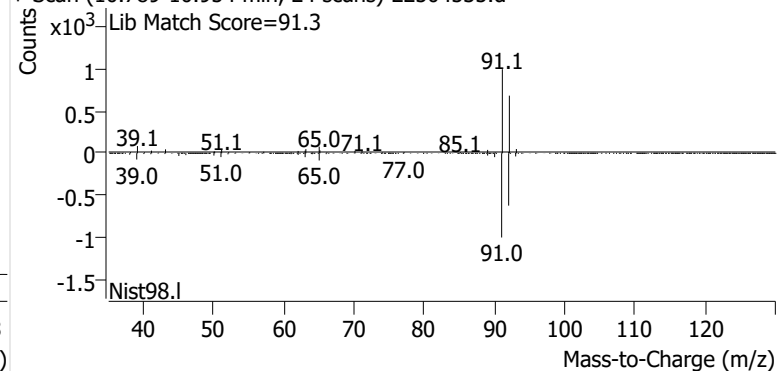
+ Scan (10.688-10.817 min, 19 scans) E2504535.d

**Toluene**

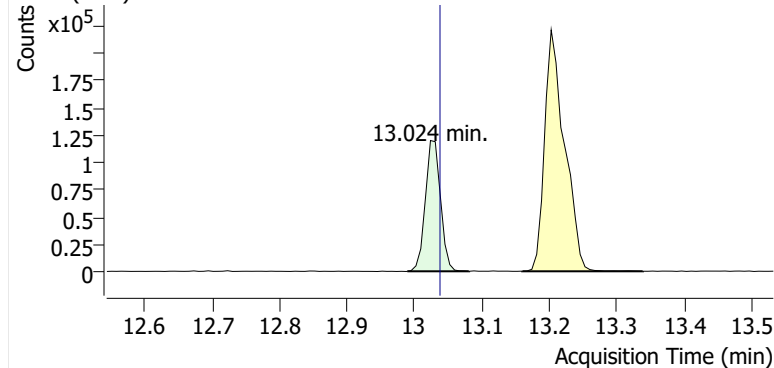
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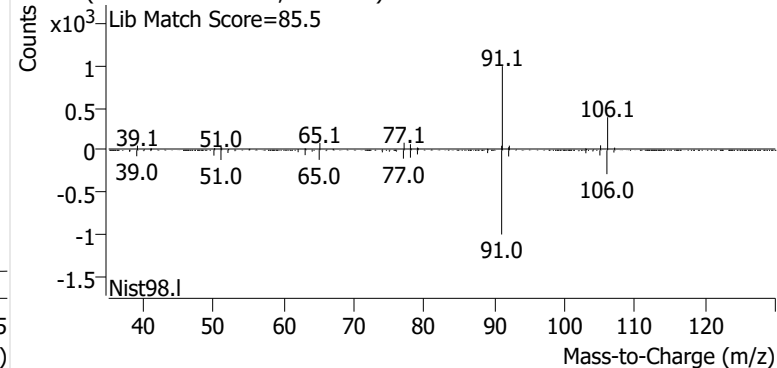
+ Scan (10.789-10.954 min, 24 scans) E2504535.d

**Ethylbenzene**

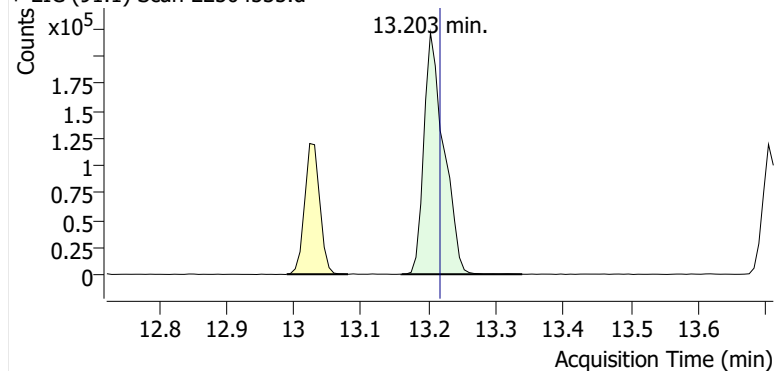
+ EIC (91.1) Scan E2504535.d



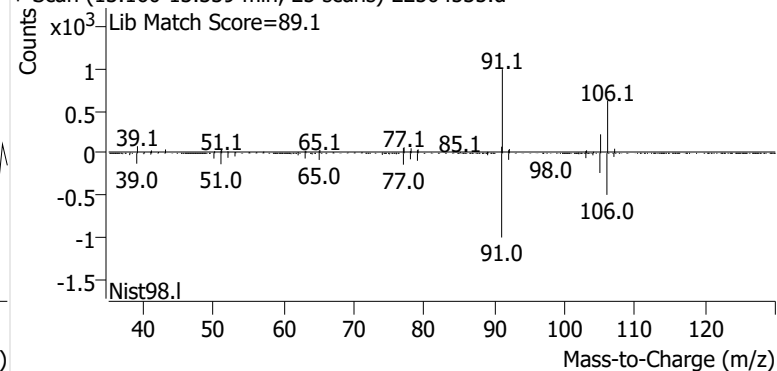
+ Scan (12.989-13.081 min, 13 scans) E2504535.d

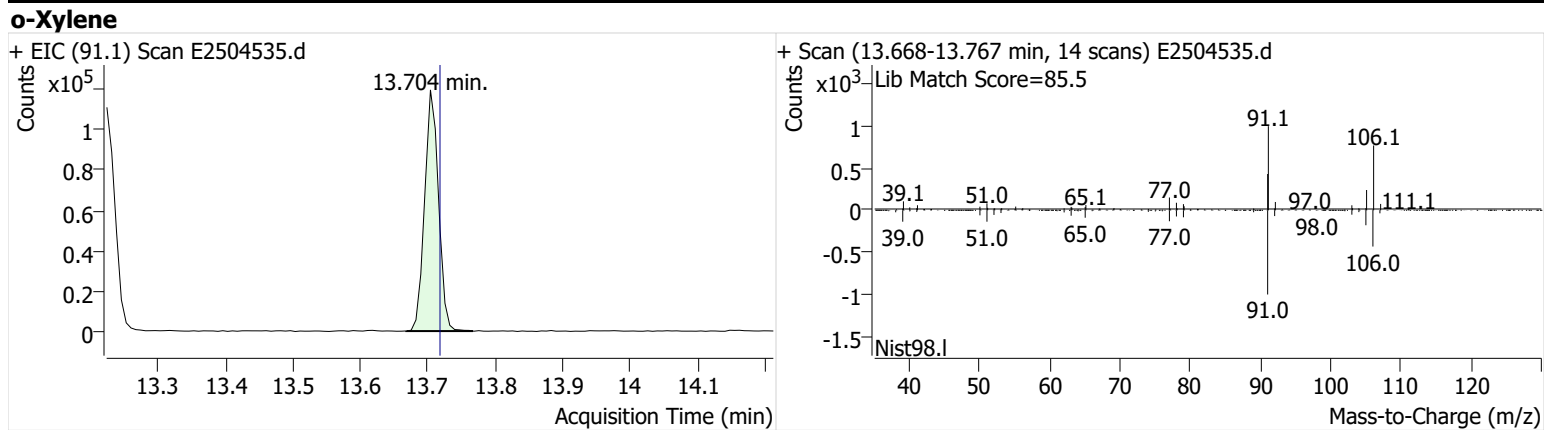
**m-/p-Xylenes**

+ EIC (91.1) Scan E2504535.d



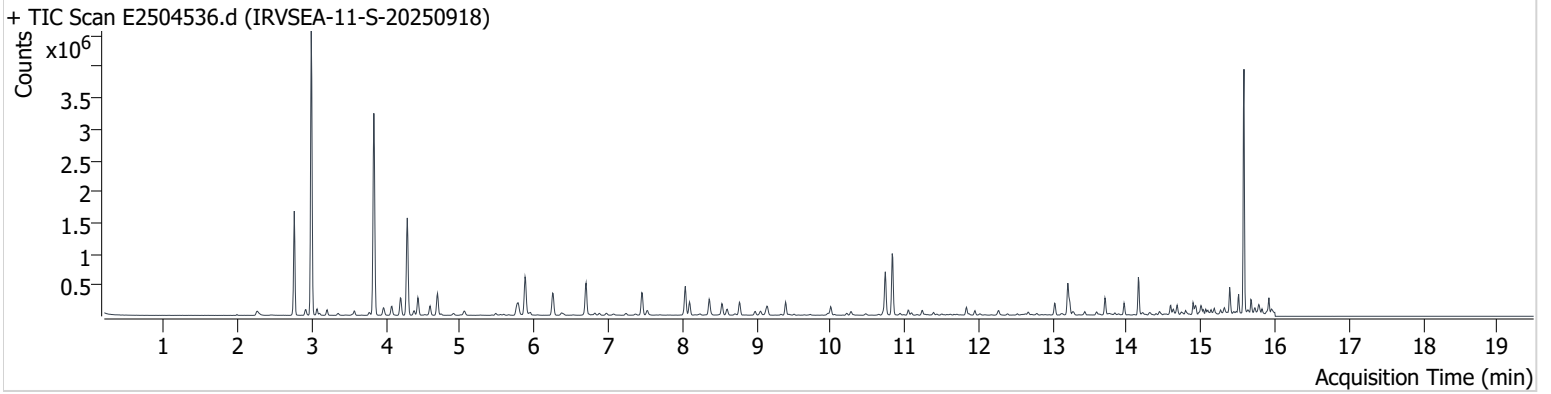
+ Scan (13.160-13.339 min, 25 scans) E2504535.d





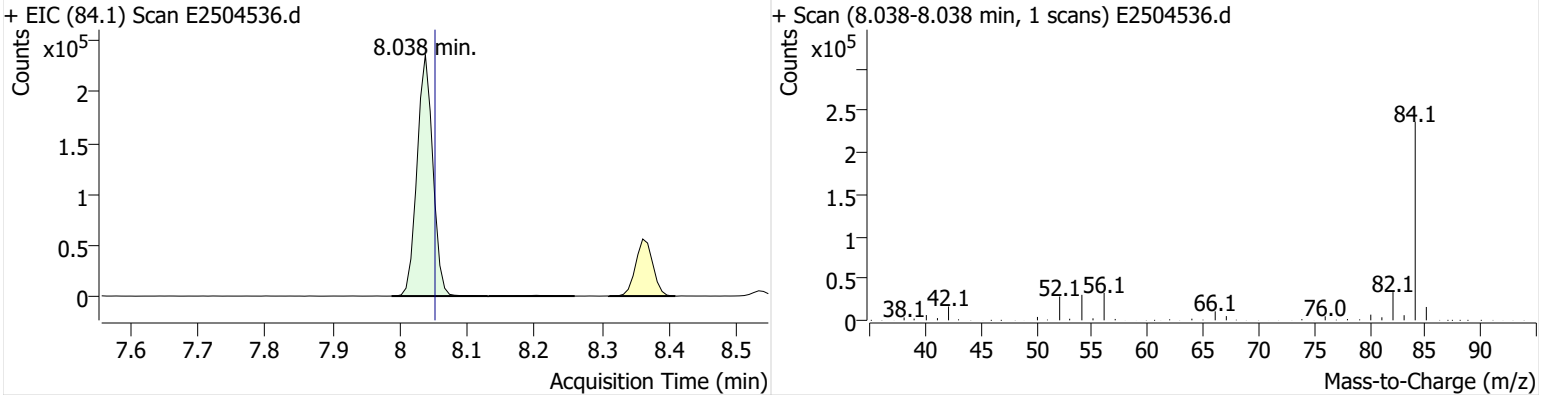
Name IRVSEA-11-S-20250918
Comment C60221
Data File E2504536.d
Acq. Date-Time 10/26/2025 8:06:24 PM
Acq. Method File M325B-MTD
Tube Sorbent CarbopackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

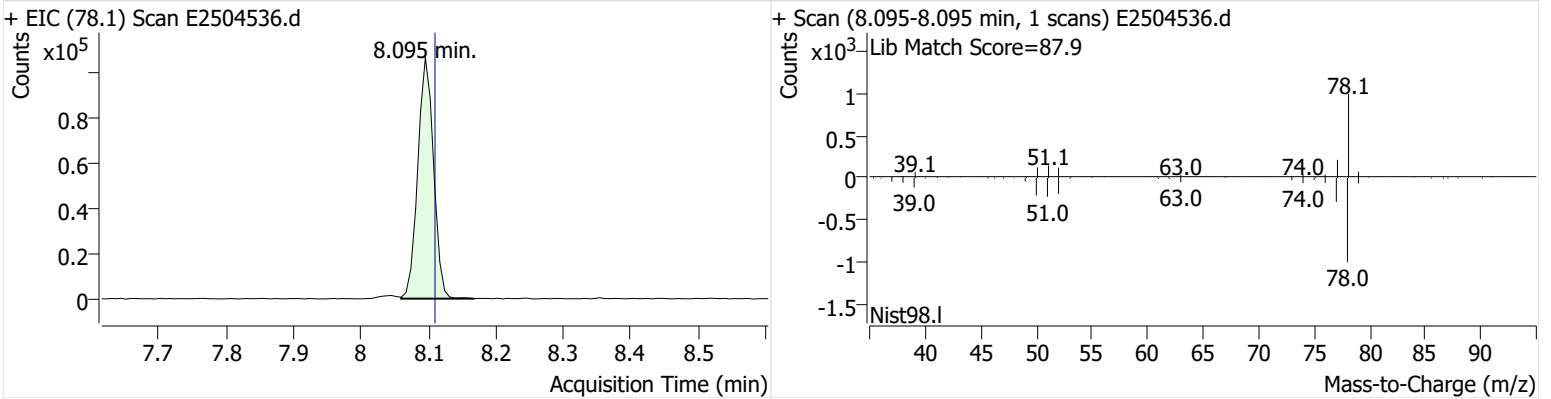


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	384,995	
Benzene	benzene-d6 (IS)	8.095	8.110	173,367	
Toluene-d8 (IS)		10.738	10.753	397,287	
Toluene	Toluene-d8 (IS)	10.832	10.846	609,673	
Ethylbenzene	Toluene-d8 (IS)	13.024	13.038	126,673	
m-/p-Xylenes	Toluene-d8 (IS)	13.203	13.217	367,288	
o-Xylene	Toluene-d8 (IS)	13.704	13.718	140,526	

benzene-d6 (IS)

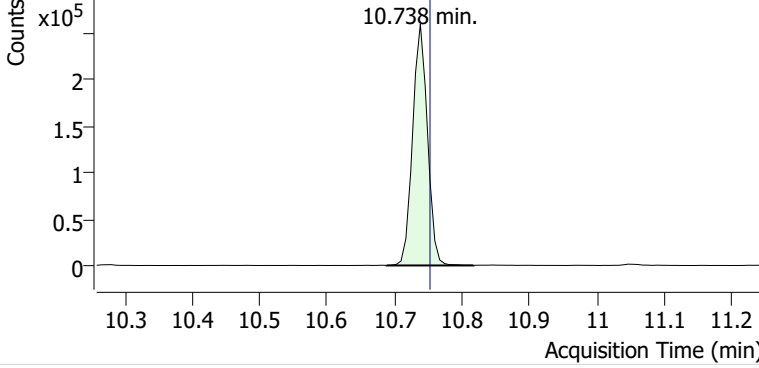


Benzene

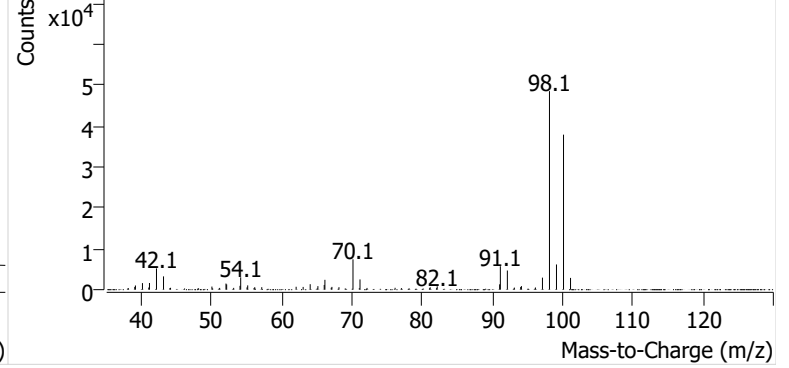


Toluene-d8 (IS)

+ EIC (98.1) Scan E2504536.d

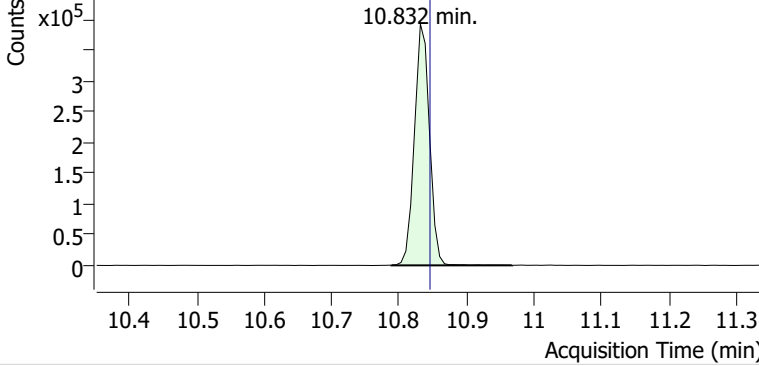


+ Scan (10.688-10.817 min, 19 scans) E2504536.d

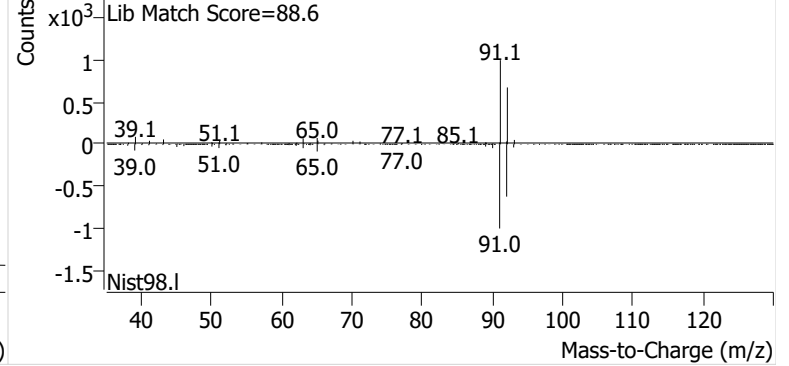


Toluene

+ EIC (91.1) Scan E2504536.d

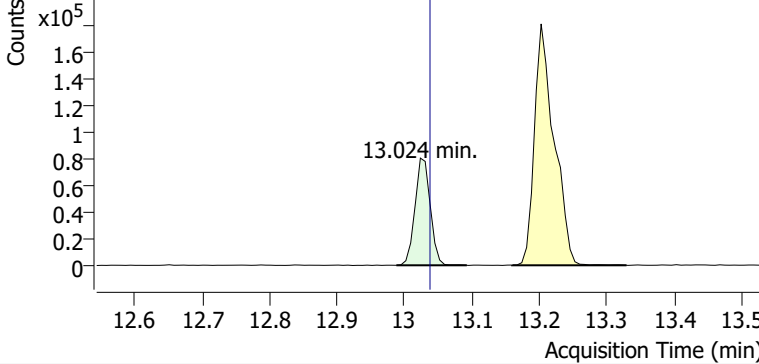


+ Scan (10.789-10.968 min, 26 scans) E2504536.d

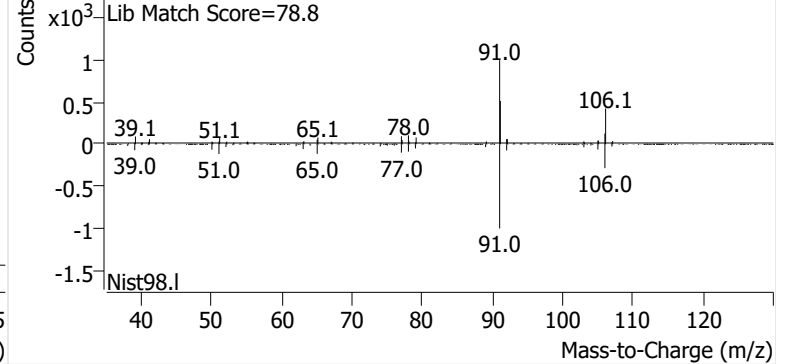


Ethylbenzene

+ EIC (91.1) Scan E2504536.d

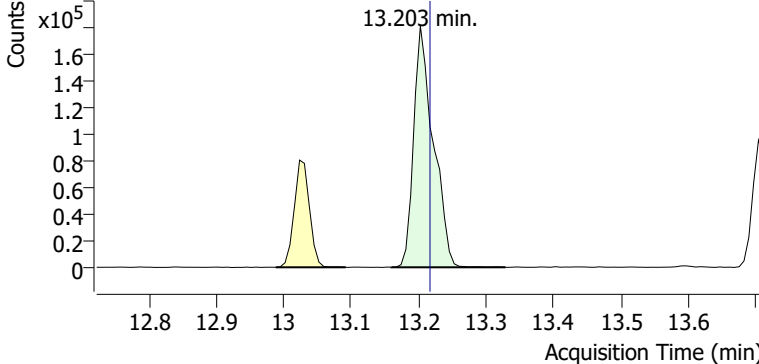


+ Scan (12.988-13.092 min, 14 scans) E2504536.d

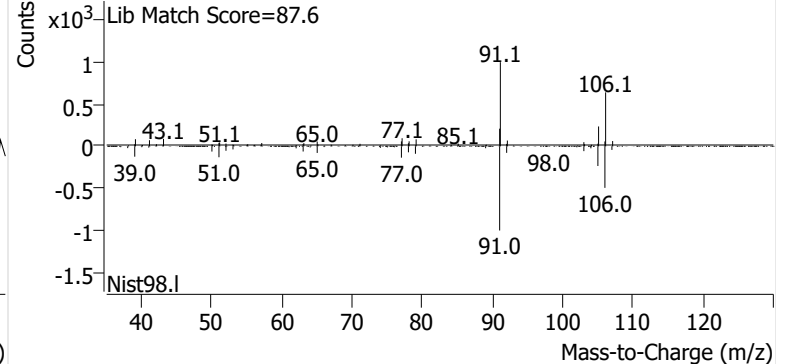


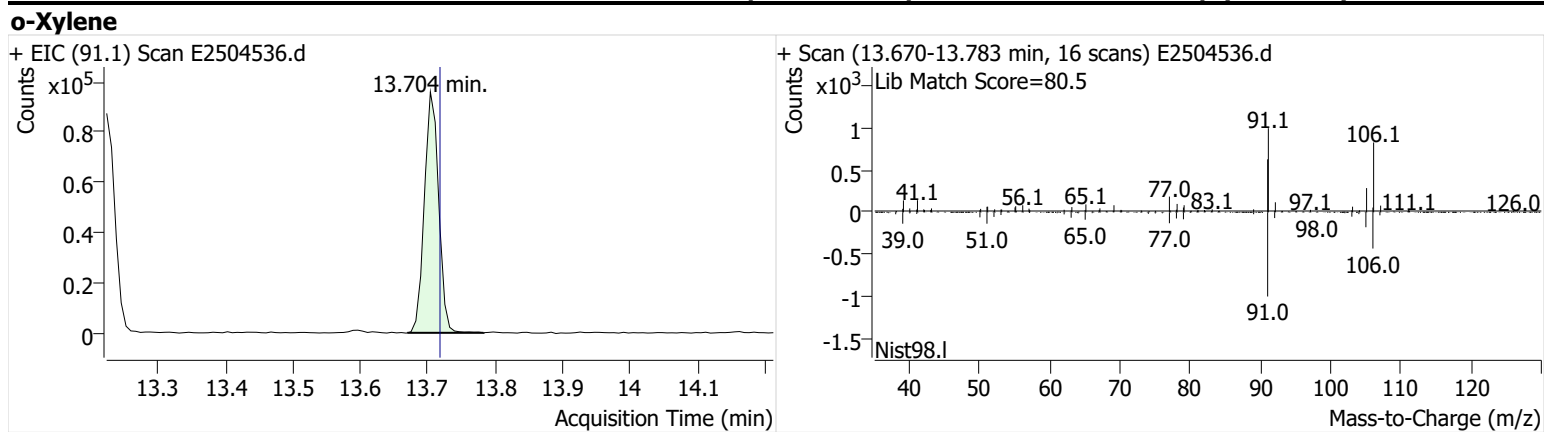
m-/p-Xylenes

+ EIC (91.1) Scan E2504536.d



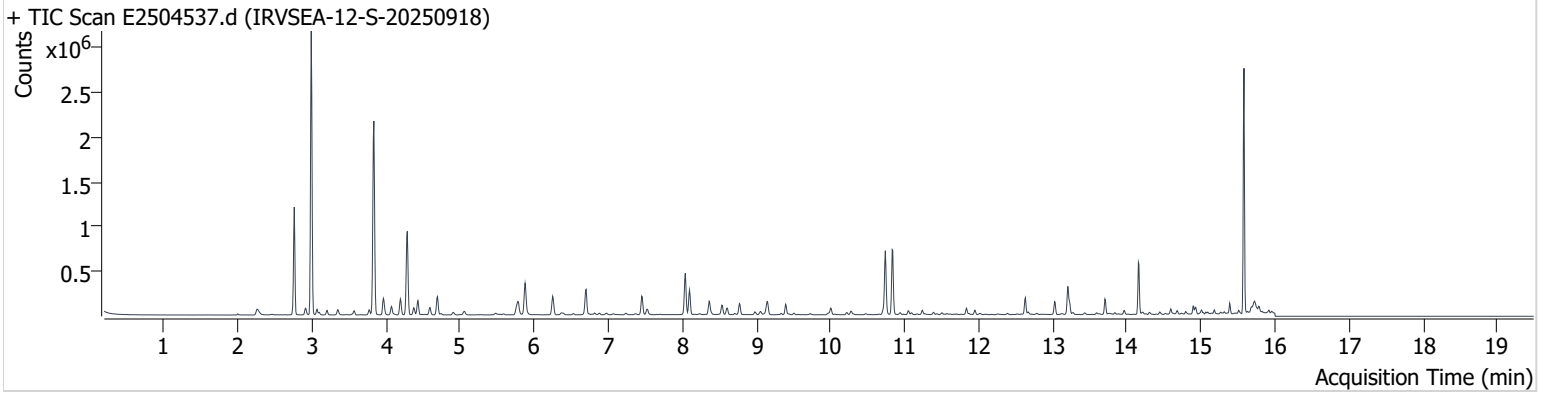
+ Scan (13.160-13.329 min, 24 scans) E2504536.d





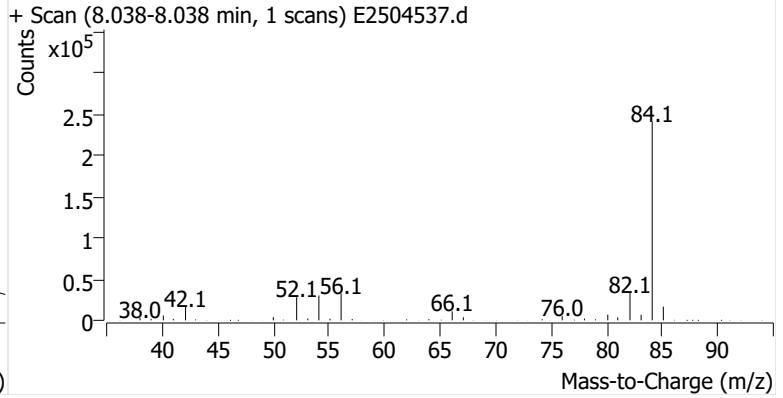
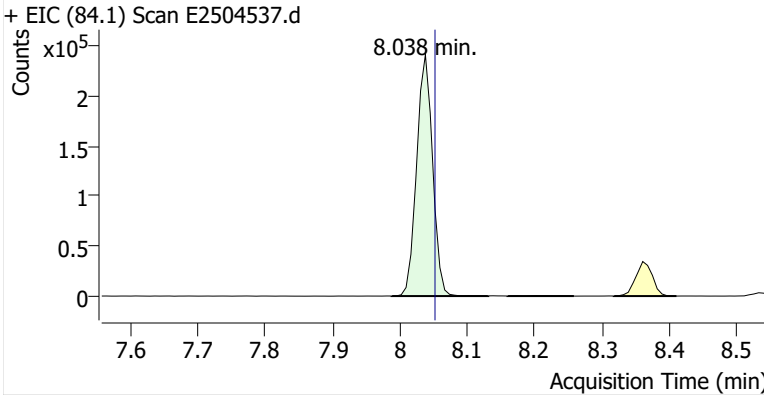
Name IRVSEA-12-S-20250918
Comment C38539
Data File E2504537.d
Acq. Date-Time 10/26/2025 8:32:07 PM
Acq. Method File M325B-MTD
Tube Sorbent CarbopackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

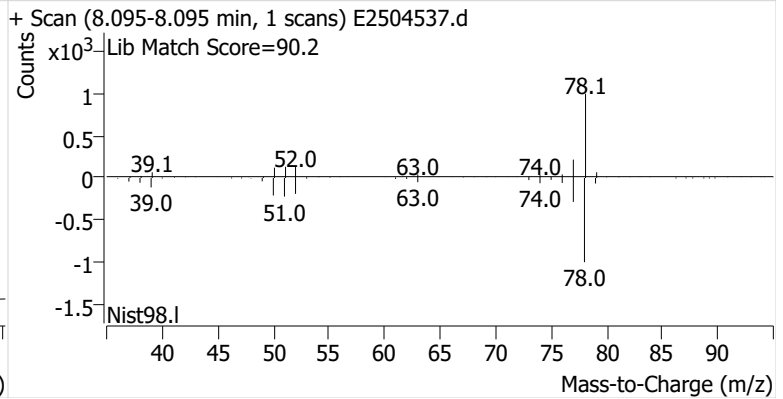
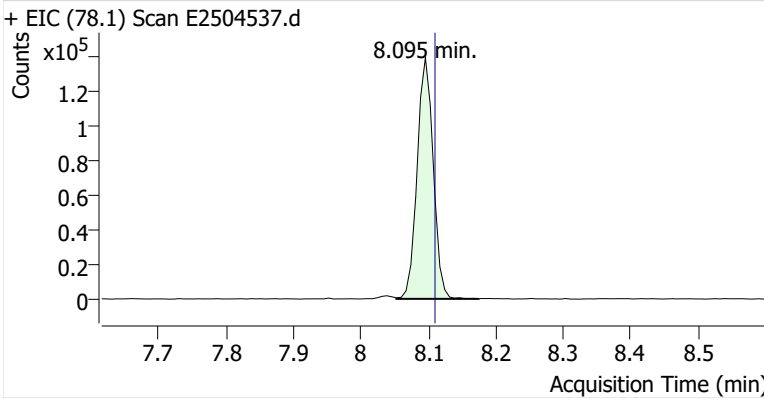


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	395,560	
Benzene	benzene-d6 (IS)	8.095	8.110	231,560	
Toluene-d8 (IS)		10.739	10.753	405,204	
Toluene	Toluene-d8 (IS)	10.832	10.846	452,353	
Ethylbenzene	Toluene-d8 (IS)	13.024	13.038	98,474	
m-/p-Xylenes	Toluene-d8 (IS)	13.203	13.217	226,954	
o-Xylene	Toluene-d8 (IS)	13.704	13.718	87,385	

benzene-d6 (IS)

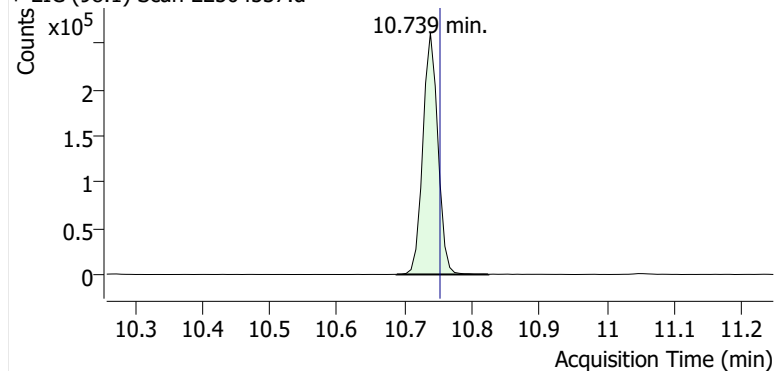


Benzene

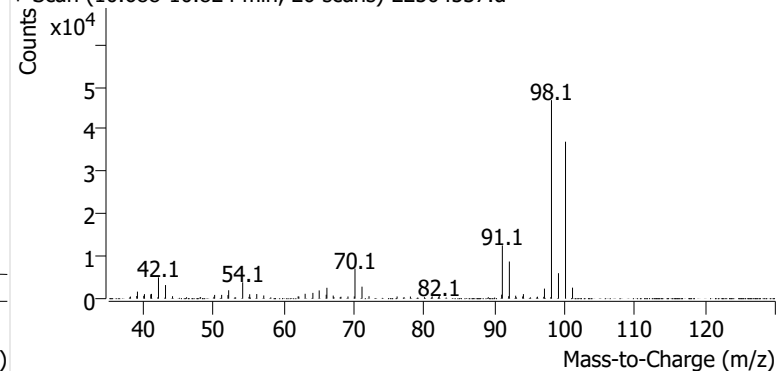


Toluene-d8 (IS)

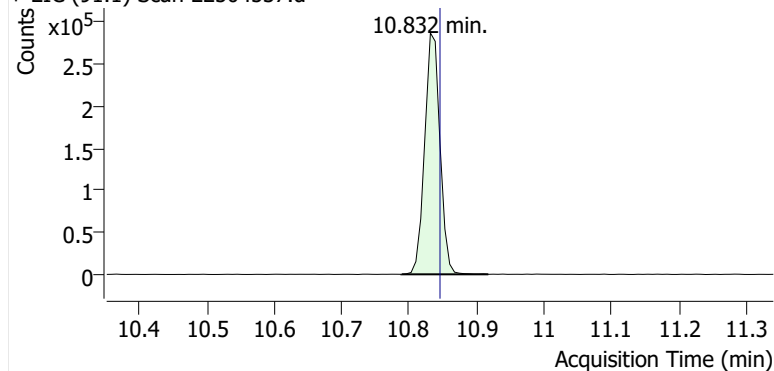
+ EIC (98.1) Scan E2504537.d



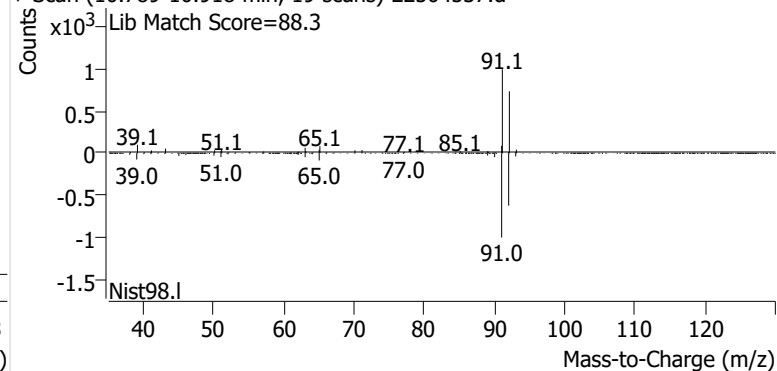
+ Scan (10.688-10.824 min, 20 scans) E2504537.d

**Toluene**

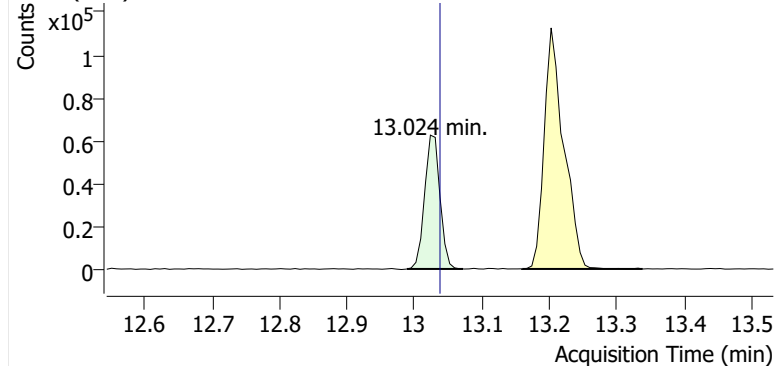
+ EIC (91.1) Scan E2504537.d



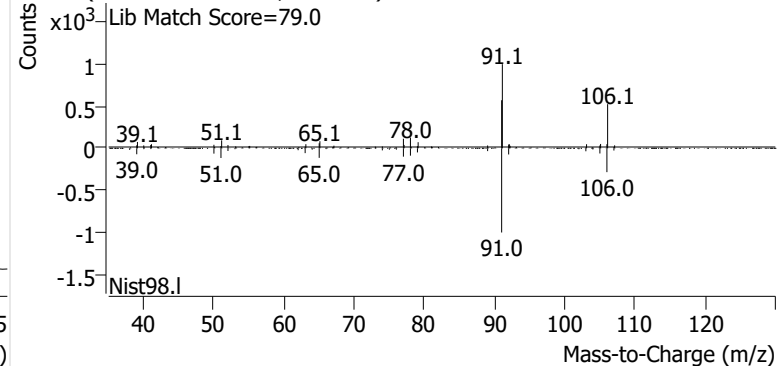
+ Scan (10.789-10.918 min, 19 scans) E2504537.d

**Ethylbenzene**

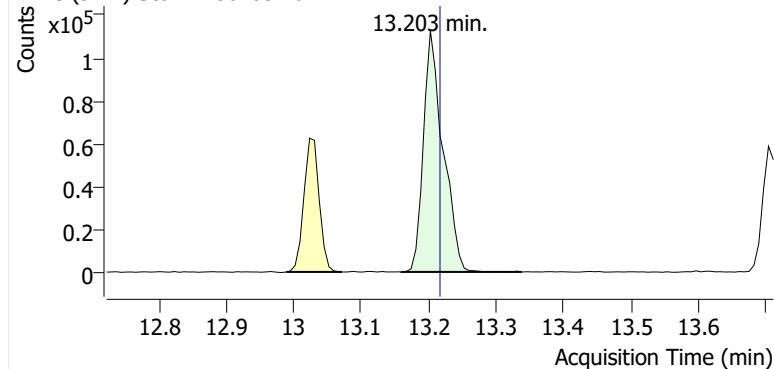
+ EIC (91.1) Scan E2504537.d



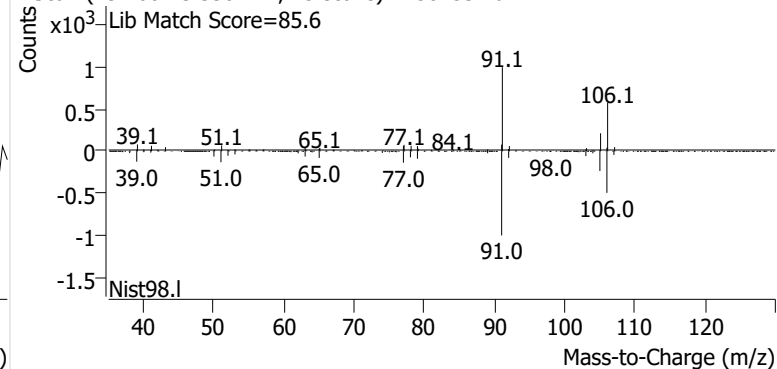
+ Scan (12.989-13.072 min, 11 scans) E2504537.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2504537.d

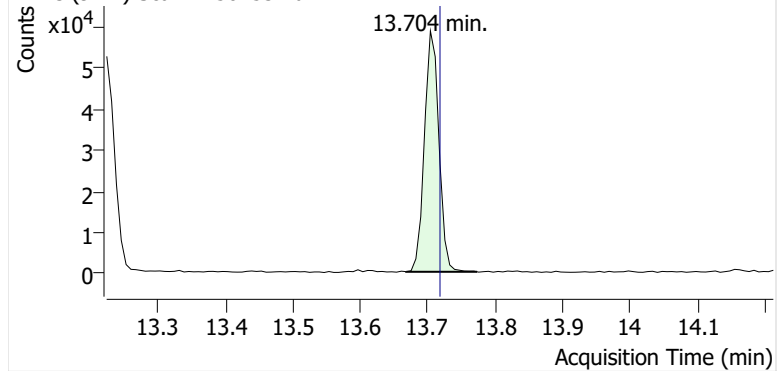


+ Scan (13.160-13.338 min, 25 scans) E2504537.d

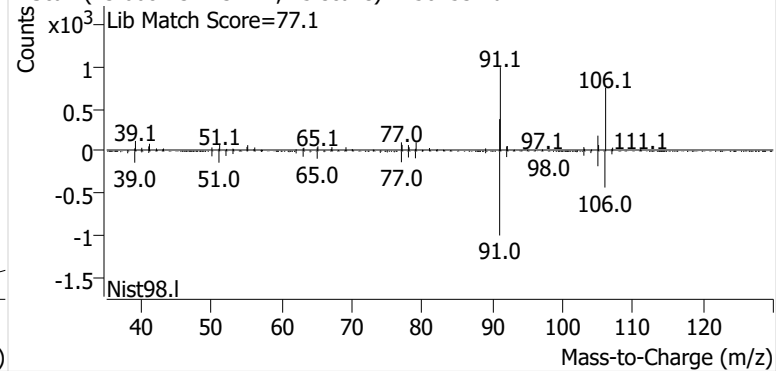


o-Xylene

+ EIC (91.1) Scan E2504537.d

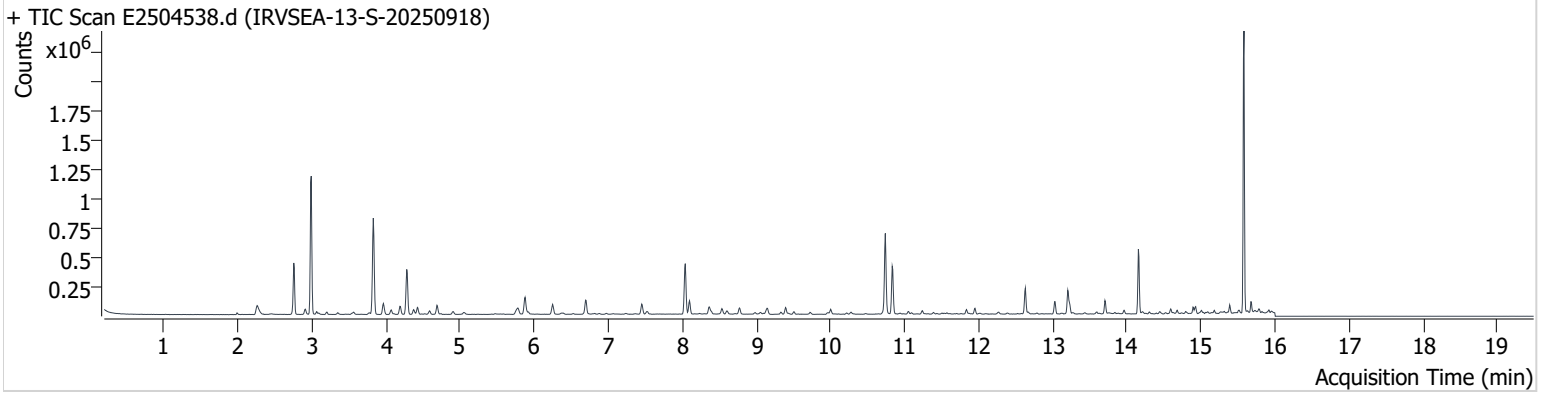


+ Scan (13.668-13.773 min, 15 scans) E2504537.d



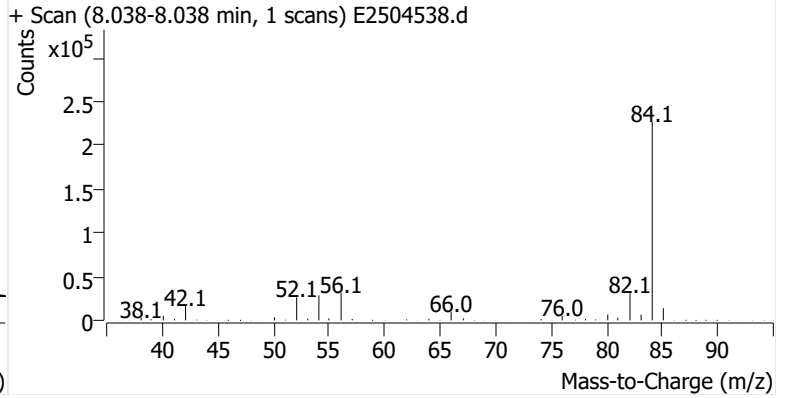
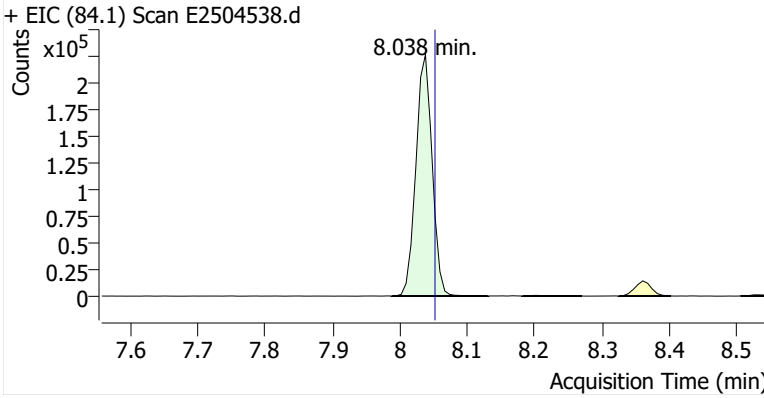
Name IRVSEA-13-S-20250918
Comment C37488
Data File E2504538.d
Acq. Date-Time 10/26/2025 8:58:39 PM
Acq. Method File M325B-MTD
Tube Sorbent CarbopackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

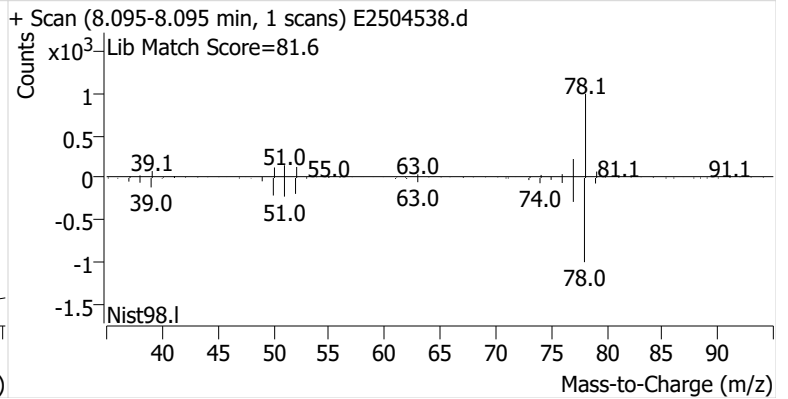
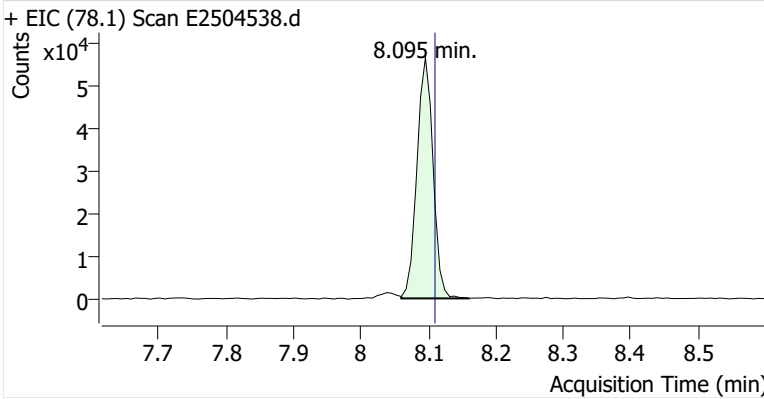


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	379,228	
Benzene	benzene-d6 (IS)	8.095	8.110	93,442	
Toluene-d8 (IS)		10.739	10.753	390,877	
Toluene	Toluene-d8 (IS)	10.832	10.846	252,073	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	70,200	
m-/p-Xylenes	Toluene-d8 (IS)	13.203	13.217	142,198	
o-Xylene	Toluene-d8 (IS)	13.704	13.718	55,670	

benzene-d6 (IS)

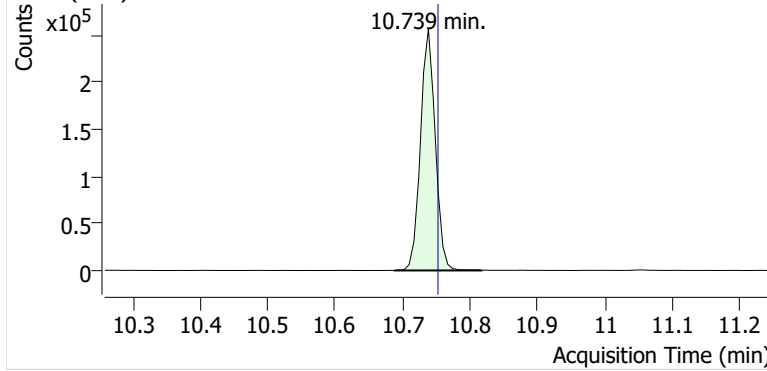


Benzene

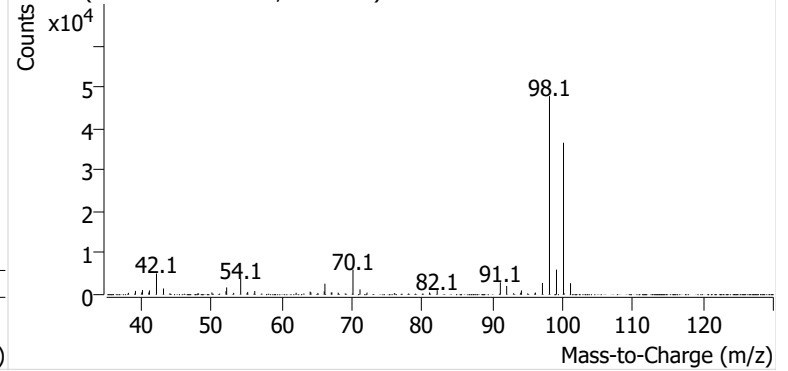


Toluene-d8 (IS)

+ EIC (98.1) Scan E2504538.d

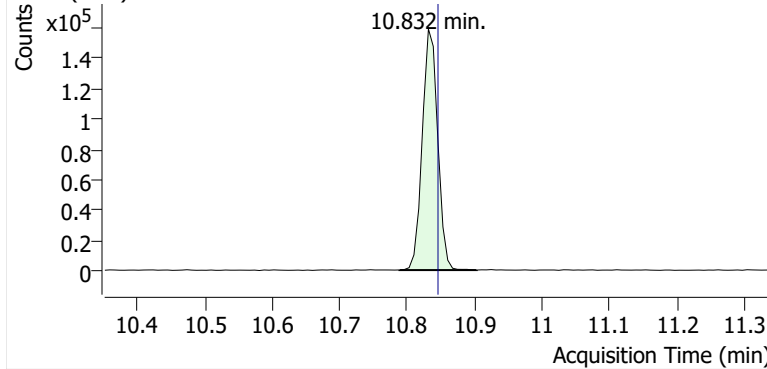


+ Scan (10.688-10.817 min, 19 scans) E2504538.d

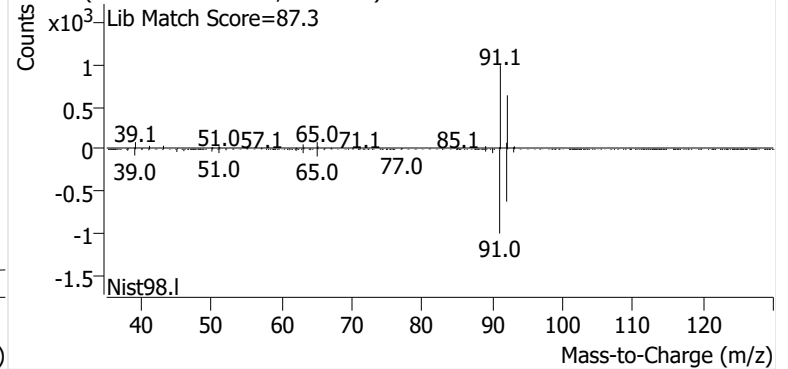


Toluene

+ EIC (91.1) Scan E2504538.d

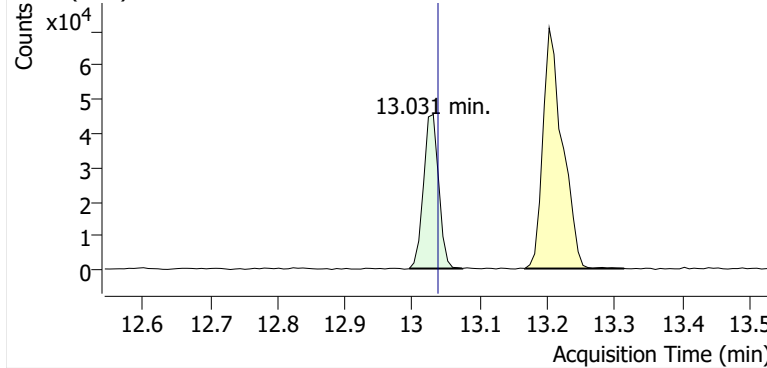


+ Scan (10.789-10.903 min, 17 scans) E2504538.d

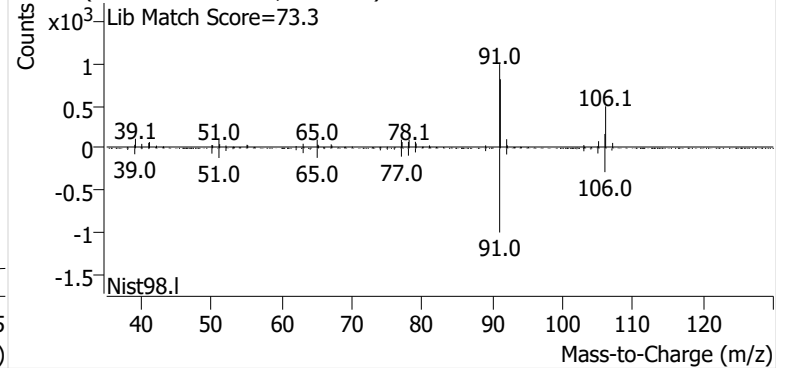


Ethylbenzene

+ EIC (91.1) Scan E2504538.d

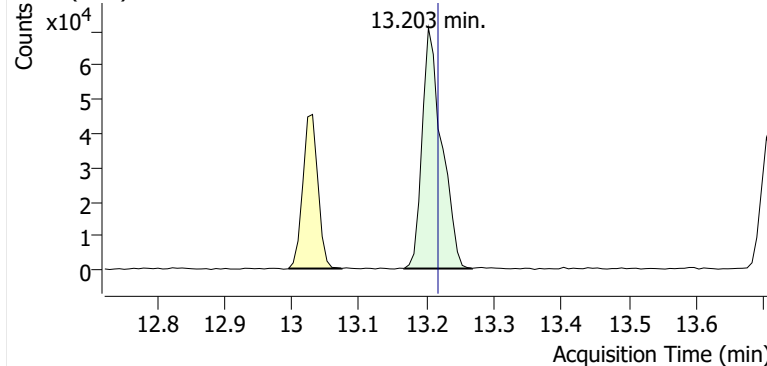


+ Scan (12.995-13.074 min, 11 scans) E2504538.d

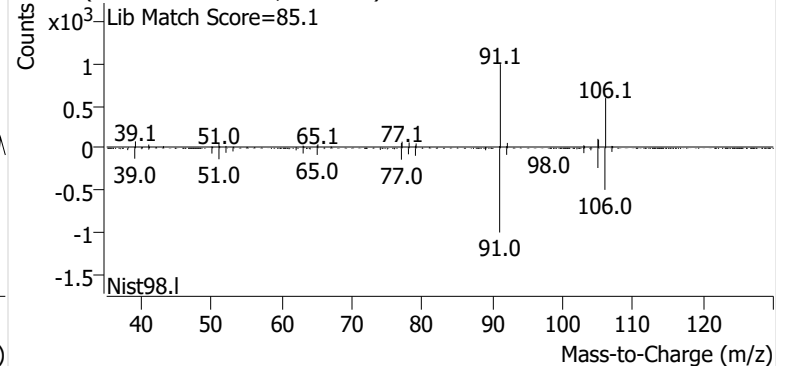


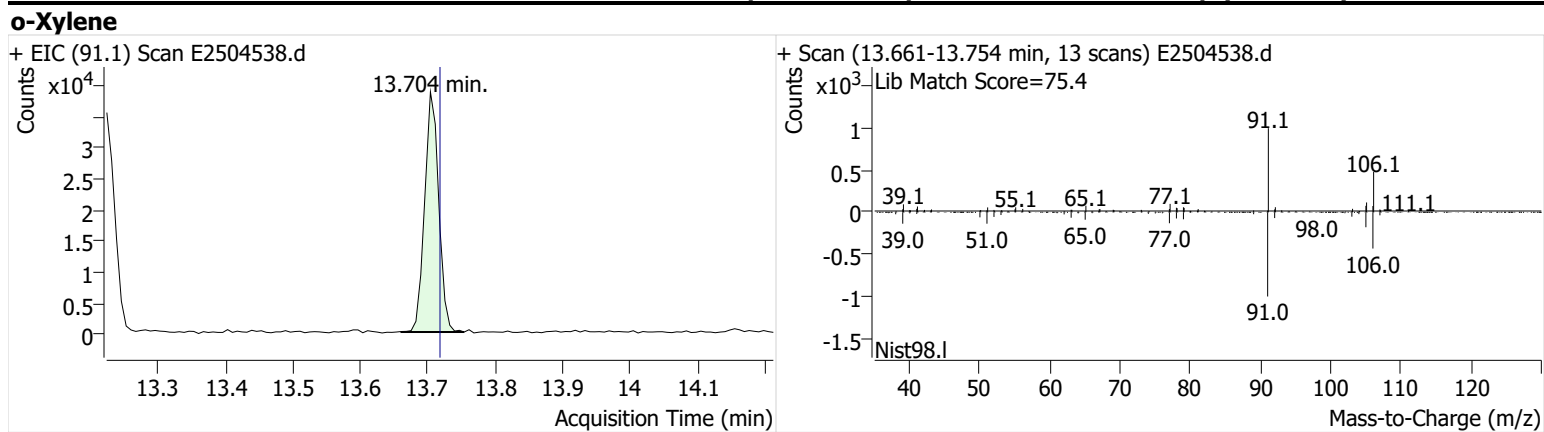
m-/p-Xylenes

+ EIC (91.1) Scan E2504538.d



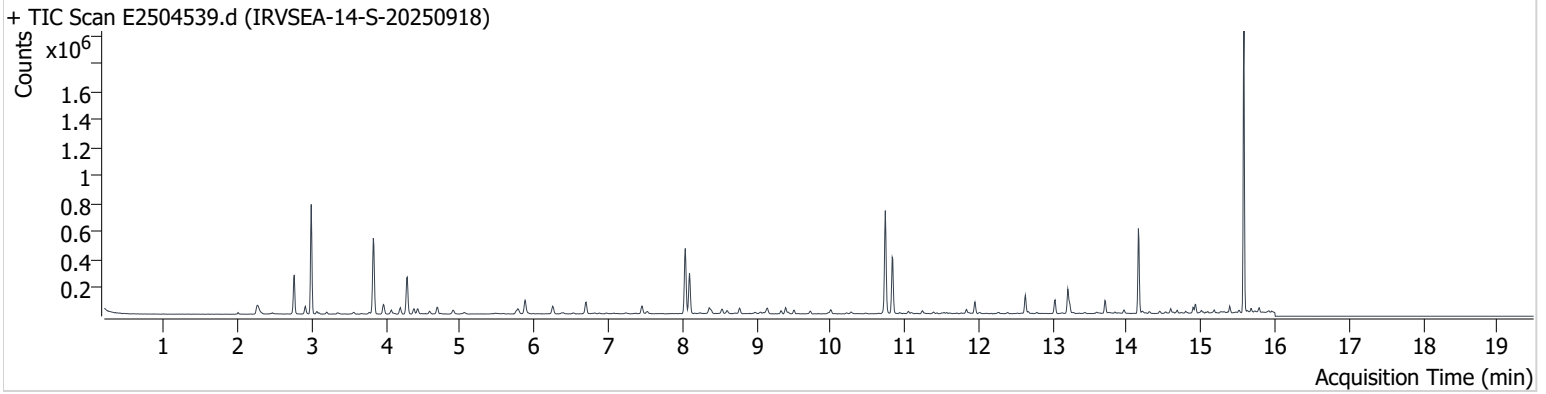
+ Scan (13.167-13.267 min, 15 scans) E2504538.d





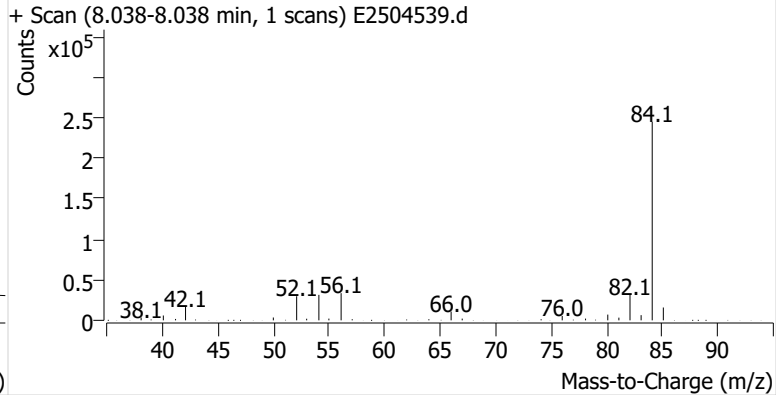
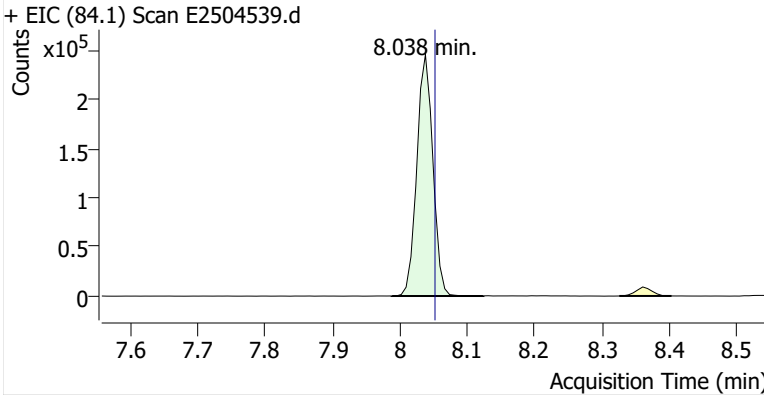
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Comment C31378
Data File E2504539.d
Acq. Date-Time 10/26/2025 9:24:21 PM
Acq. Method File M325B-MTD
Tube Sorbent CarbopackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

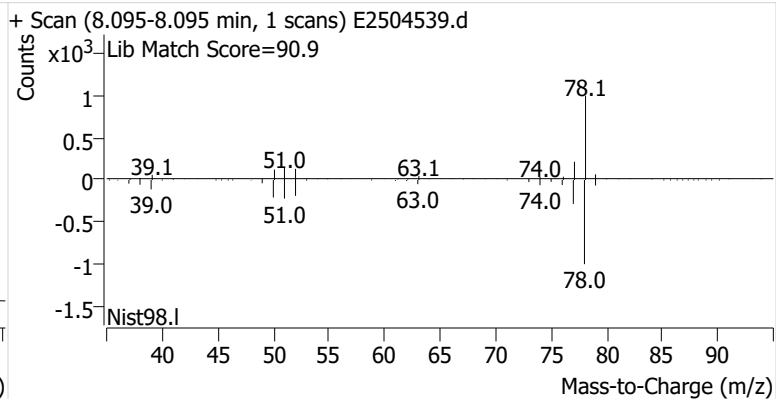
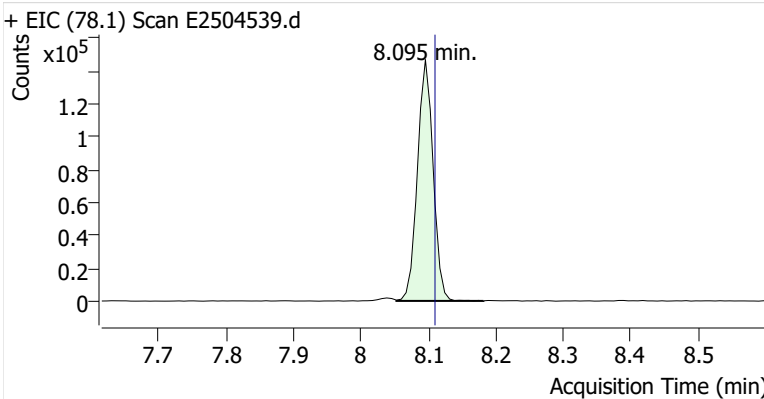


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	405,684	
Benzene	benzene-d6 (IS)	8.095	8.110	237,753	
Toluene-d8 (IS)		10.739	10.753	413,181	
Toluene	Toluene-d8 (IS)	10.832	10.846	253,773	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	62,038	
m-/p-Xylenes	Toluene-d8 (IS)	13.203	13.217	122,739	
o-Xylene	Toluene-d8 (IS)	13.704	13.718	46,296	

benzene-d6 (IS)

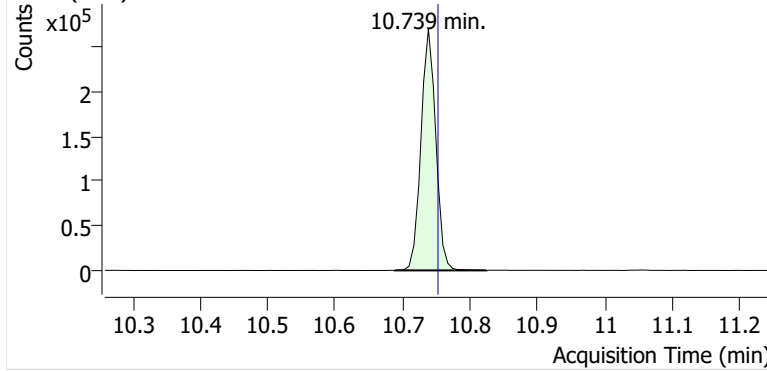


Benzene

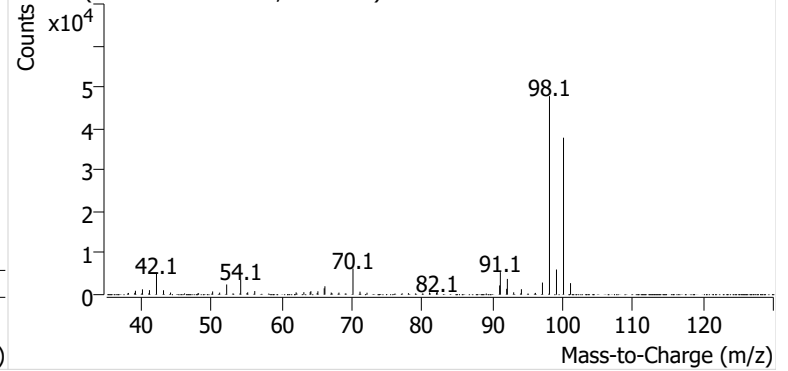


Toluene-d8 (IS)

+ EIC (98.1) Scan E2504539.d

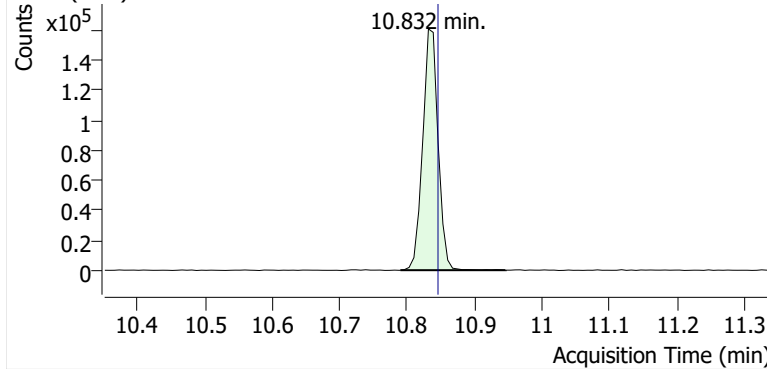


+ Scan (10.688-10.825 min, 20 scans) E2504539.d

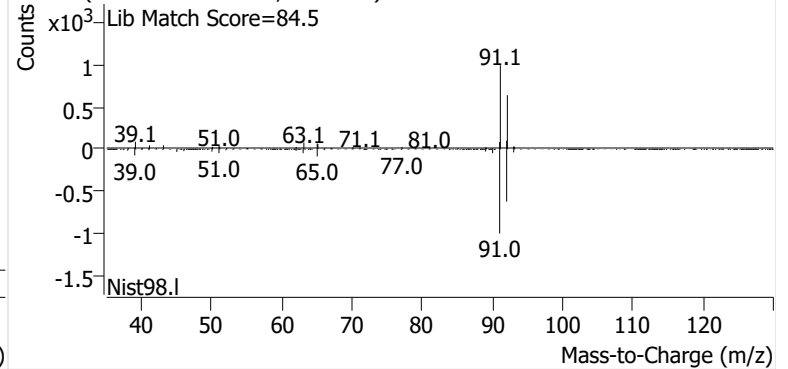


Toluene

+ EIC (91.1) Scan E2504539.d

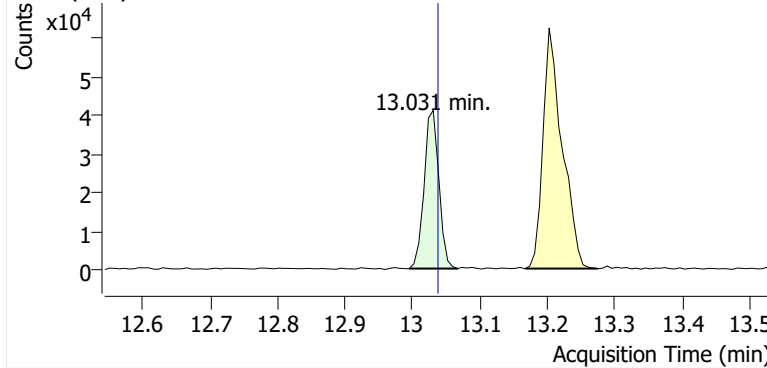


+ Scan (10.790-10.946 min, 22 scans) E2504539.d

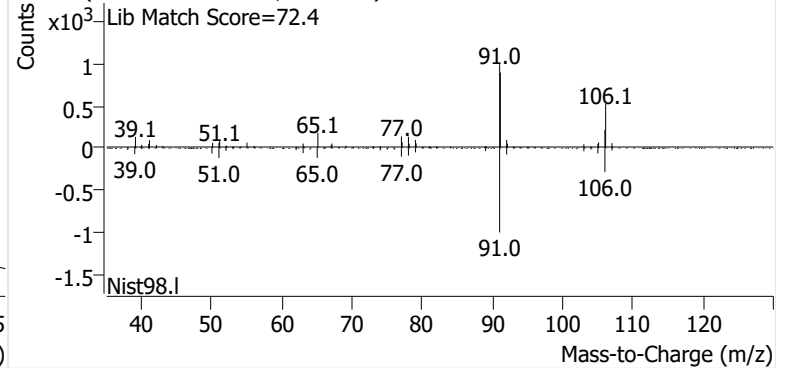


Ethylbenzene

+ EIC (91.1) Scan E2504539.d

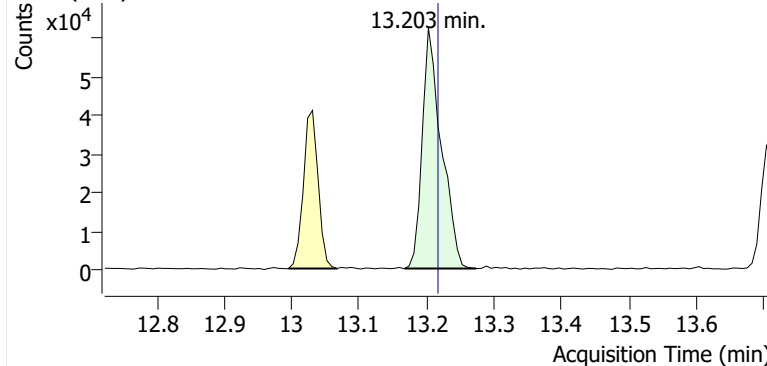


+ Scan (12.995-13.067 min, 10 scans) E2504539.d

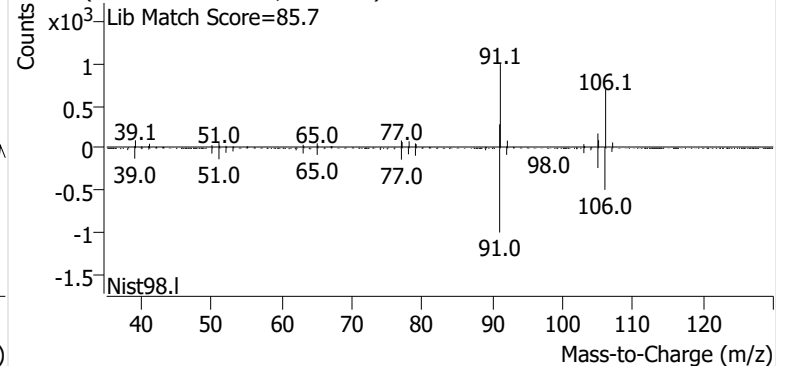


m-/p-Xylenes

+ EIC (91.1) Scan E2504539.d

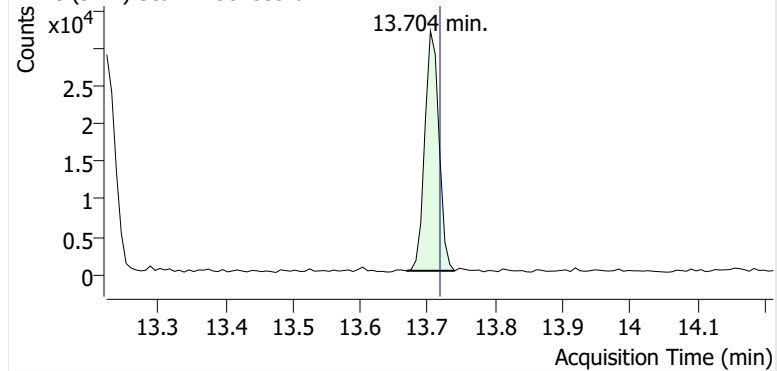


+ Scan (13.168-13.273 min, 14 scans) E2504539.d

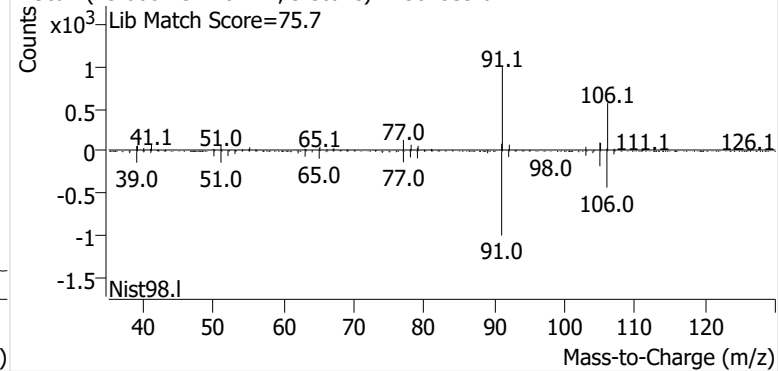


o-Xylene

+ EIC (91.1) Scan E2504539.d

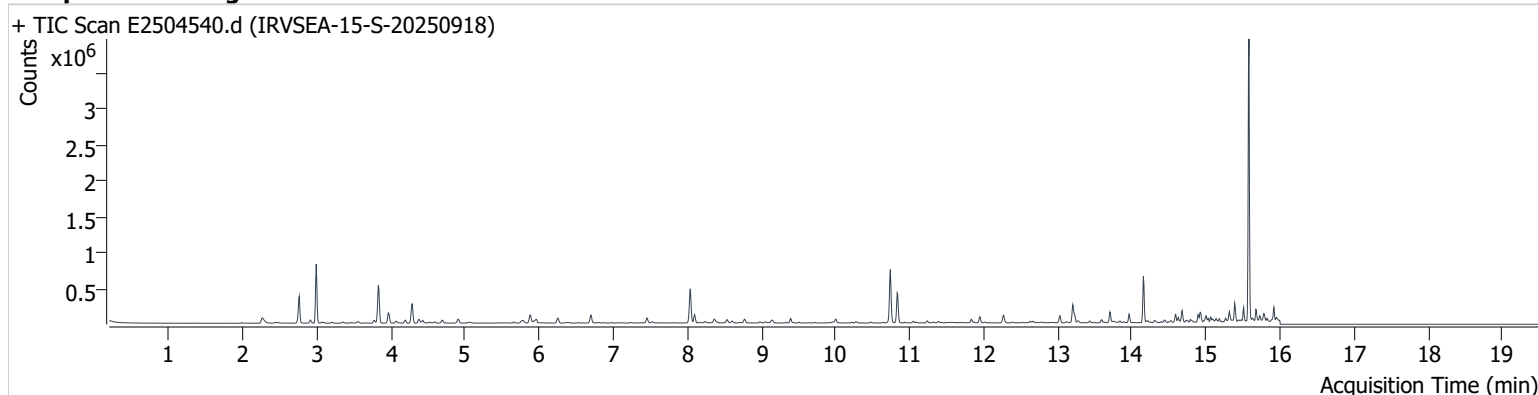


+ Scan (13.668-13.740 min, 9 scans) E2504539.d



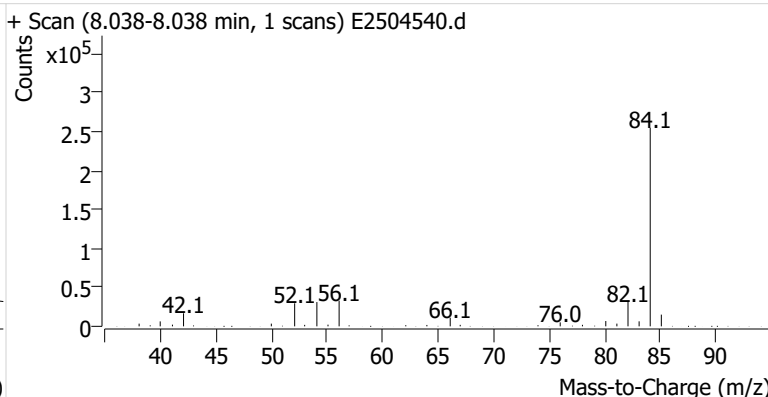
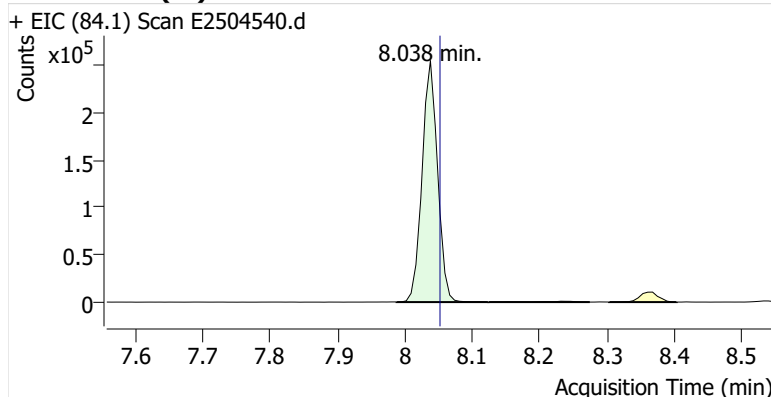
Name IRVSEA-15-S-20250918
Comment C56799
Data File E2504540.d
Acq. Date-Time 10/26/2025 9:50:08 PM
Acq. Method File M325B-MTD
Tube Sorbent CarbopackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

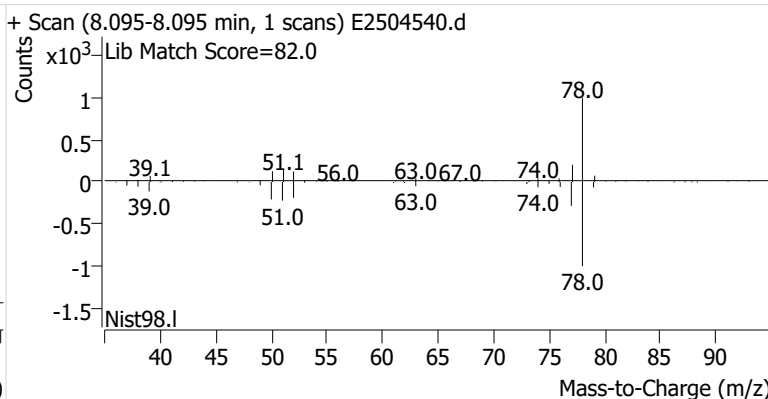
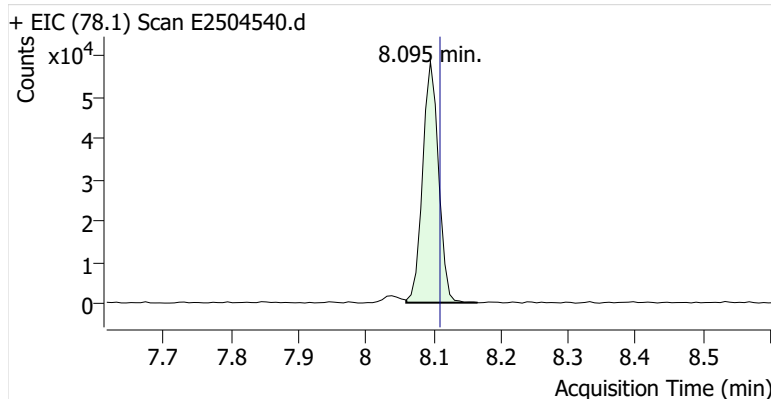


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	407,176	
Benzene	benzene-d6 (IS)	8.095	8.110	95,628	
Toluene-d8 (IS)		10.739	10.753	415,487	
Toluene	Toluene-d8 (IS)	10.832	10.846	256,872	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	64,138	
m-/p-Xylenes	Toluene-d8 (IS)	13.203	13.217	181,900	
o-Xylene	Toluene-d8 (IS)	13.704	13.718	71,824	

benzene-d6 (IS)

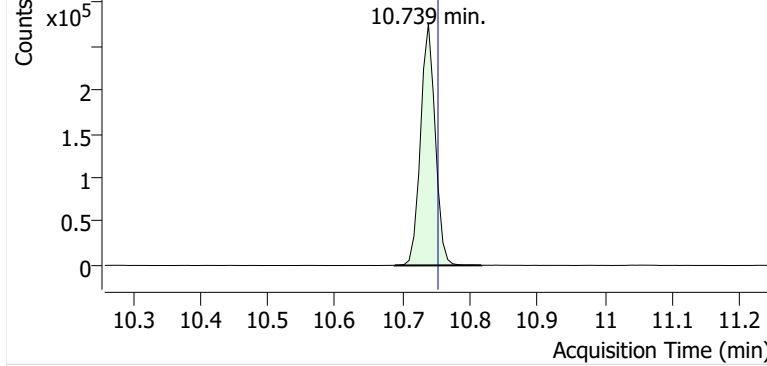


Benzene

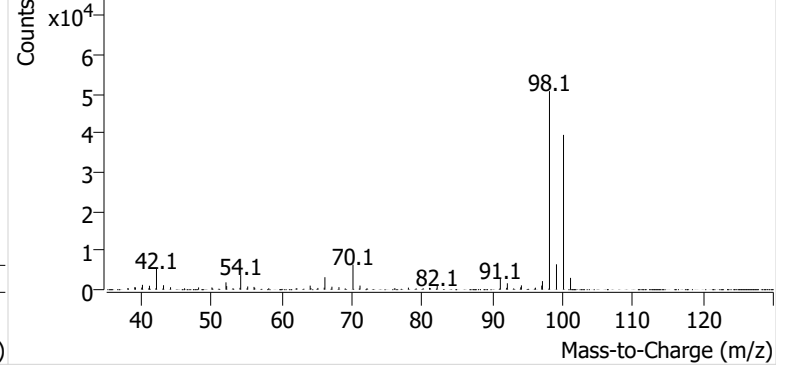


Toluene-d8 (IS)

+ EIC (98.1) Scan E2504540.d

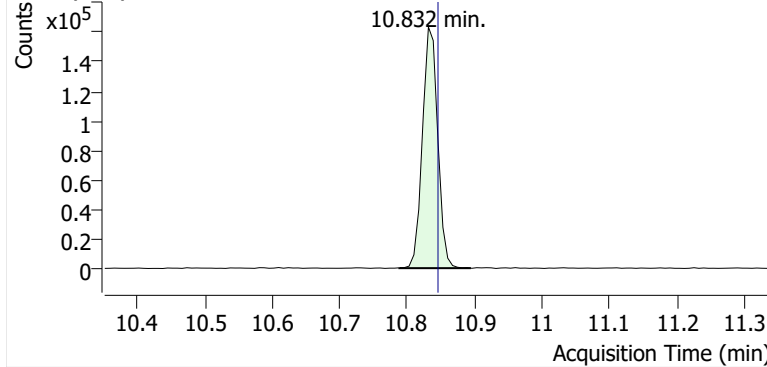


+ Scan (10.688-10.817 min, 19 scans) E2504540.d

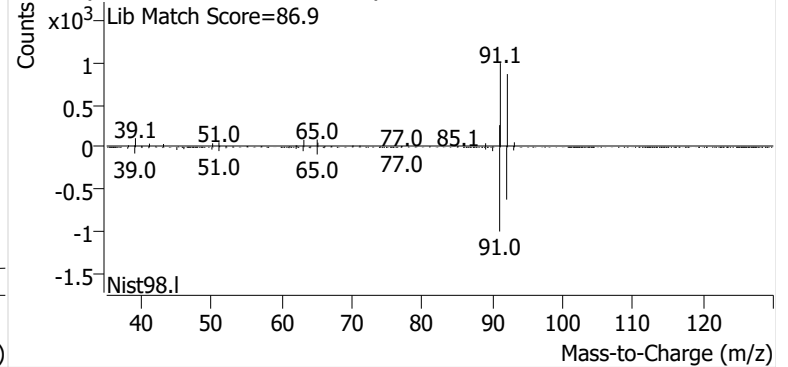


Toluene

+ EIC (91.1) Scan E2504540.d

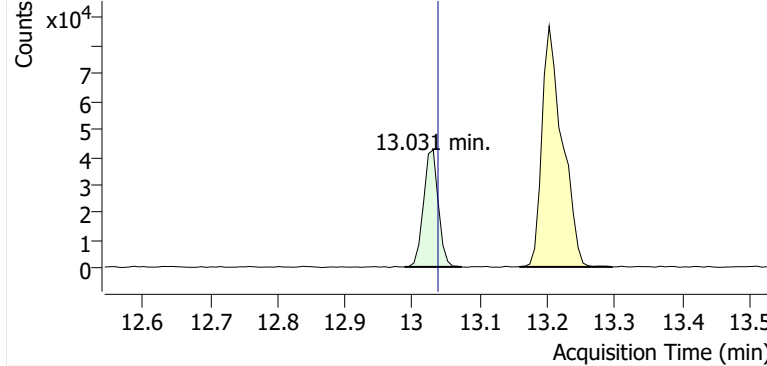


+ Scan (10.789-10.895 min, 15 scans) E2504540.d

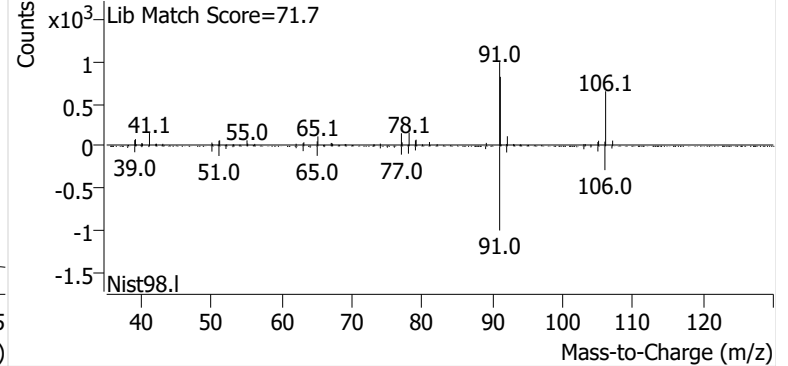


Ethylbenzene

+ EIC (91.1) Scan E2504540.d

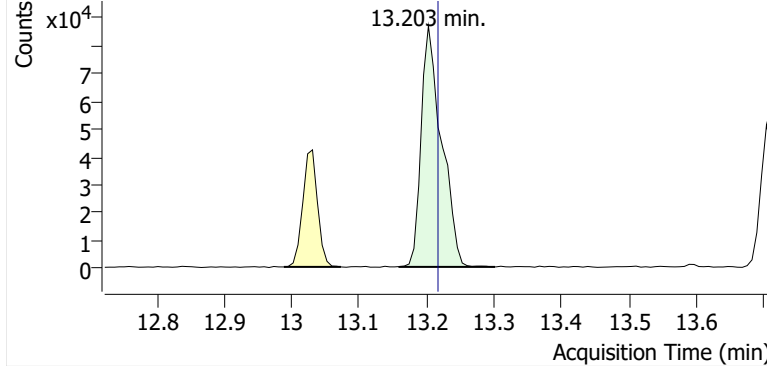


+ Scan (12.988-13.073 min, 11 scans) E2504540.d

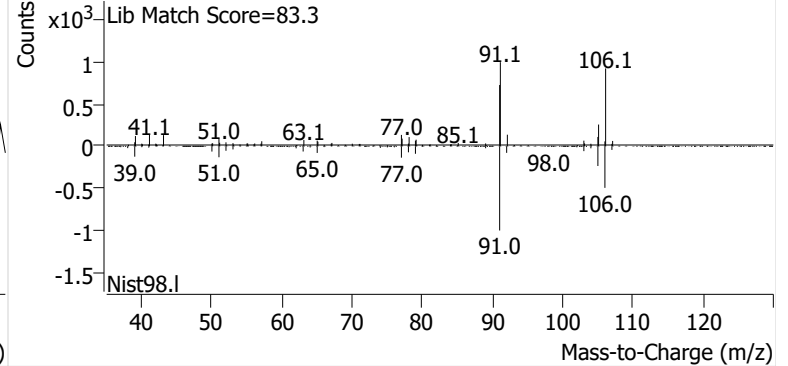


m-/p-Xylenes

+ EIC (91.1) Scan E2504540.d

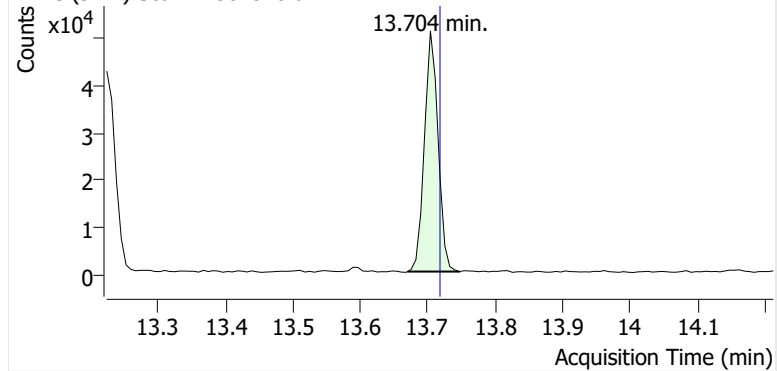


+ Scan (13.160-13.301 min, 20 scans) E2504540.d

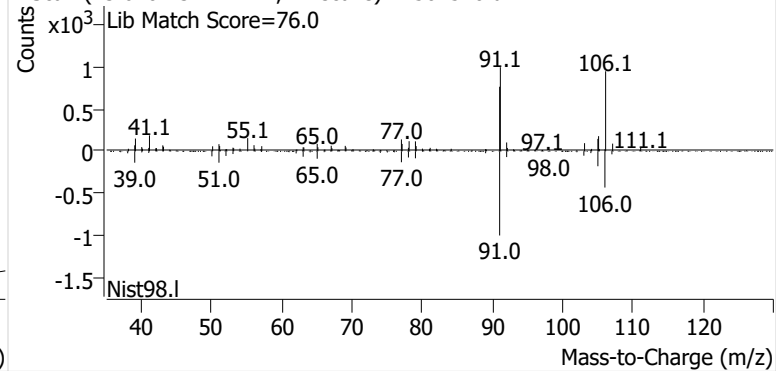


o-Xylene

+ EIC (91.1) Scan E2504540.d

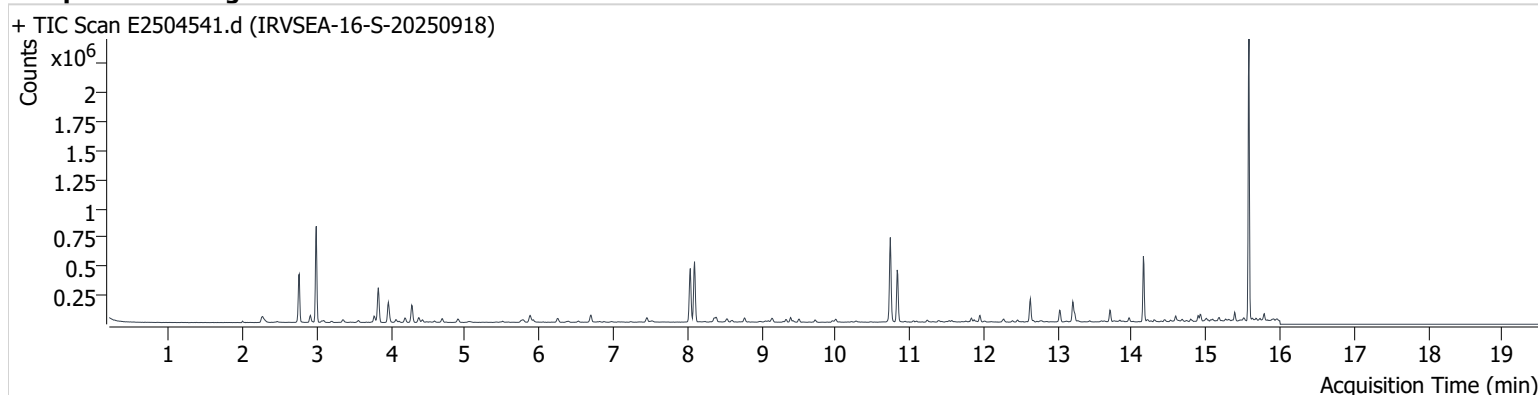


+ Scan (13.670-13.747 min, 11 scans) E2504540.d



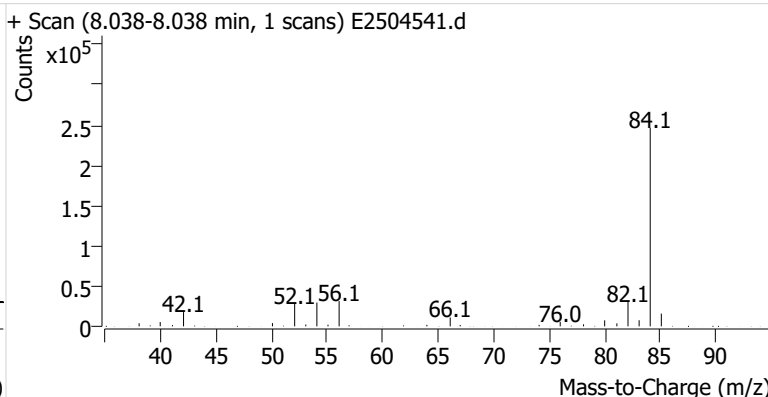
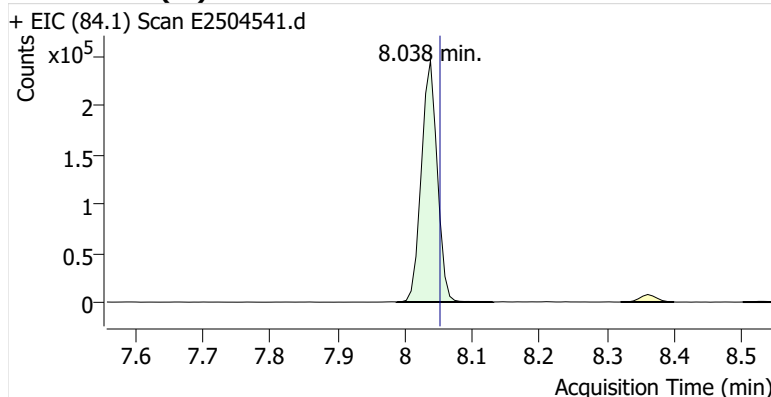
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Comment B17387
Data File E2504541.d
Acq. Date-Time 10/26/2025 10:15:47 PM
Acq. Method File M325B-MTD
Tube Sorbent CarbopackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

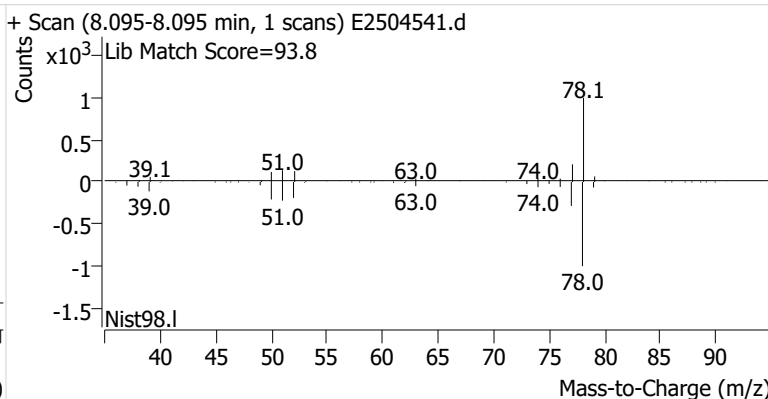
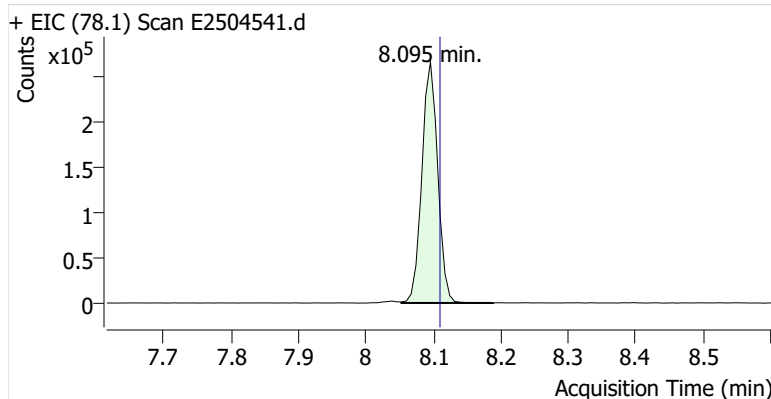


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	403,216	
Benzene	benzene-d6 (IS)	8.095	8.110	436,515	
Toluene-d8 (IS)		10.739	10.753	410,610	
Toluene	Toluene-d8 (IS)	10.832	10.846	278,032	
Ethylbenzene	Toluene-d8 (IS)	13.024	13.038	69,738	
m-/p-Xylenes	Toluene-d8 (IS)	13.203	13.217	126,692	
o-Xylene	Toluene-d8 (IS)	13.704	13.718	50,622	

benzene-d6 (IS)

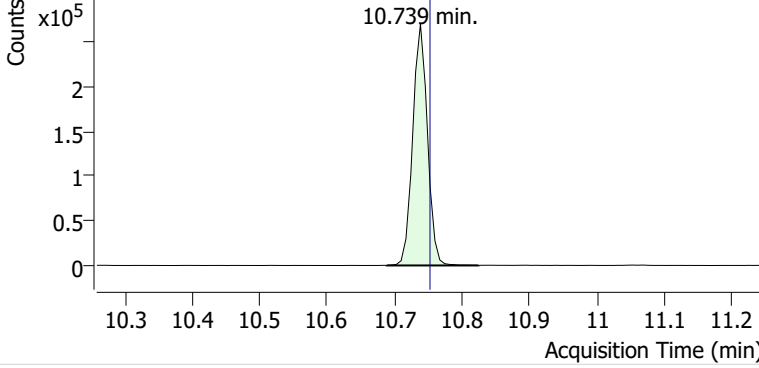


Benzene

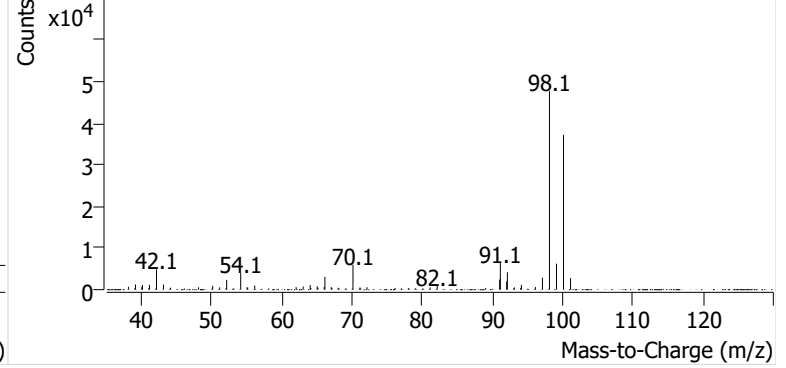


Toluene-d8 (IS)

+ EIC (98.1) Scan E2504541.d

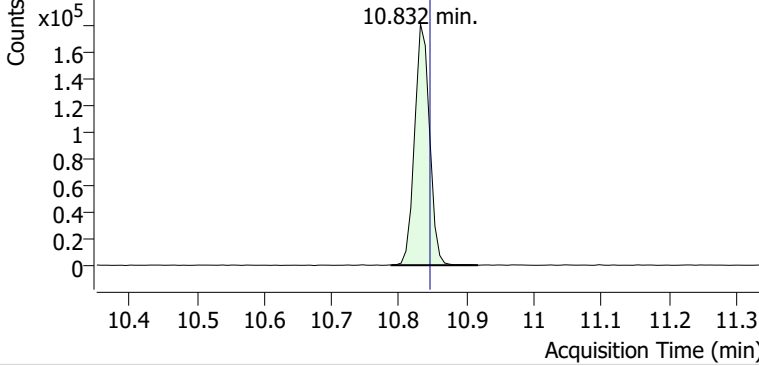


+ Scan (10.688-10.825 min, 20 scans) E2504541.d

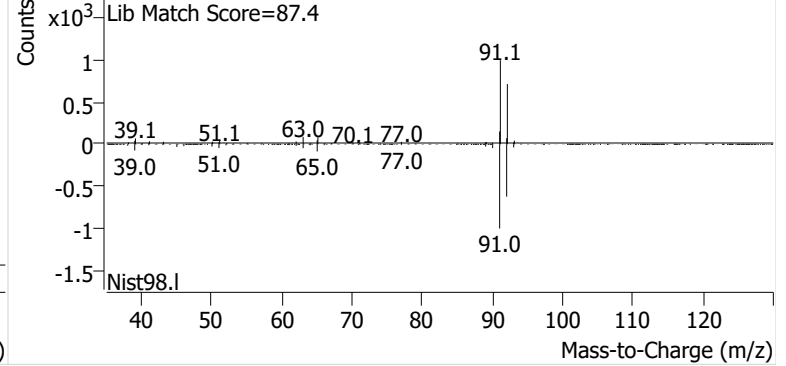


Toluene

+ EIC (91.1) Scan E2504541.d

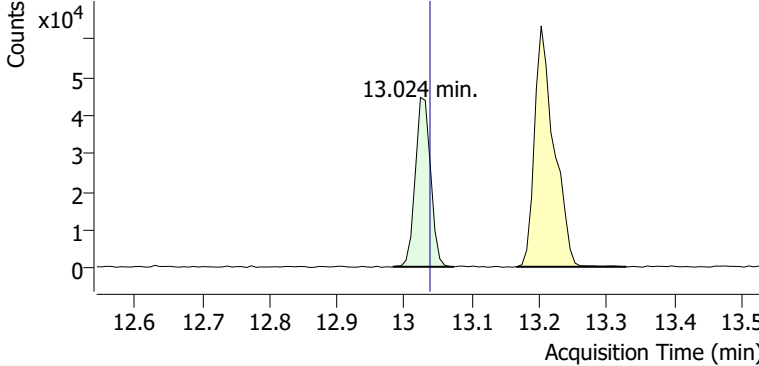


+ Scan (10.789-10.917 min, 18 scans) E2504541.d

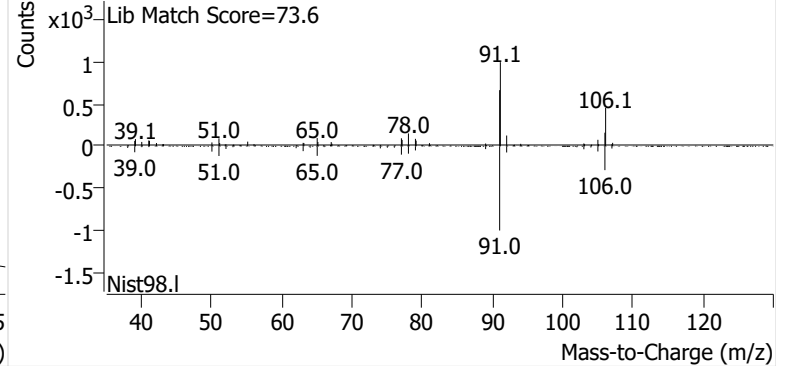


Ethylbenzene

+ EIC (91.1) Scan E2504541.d

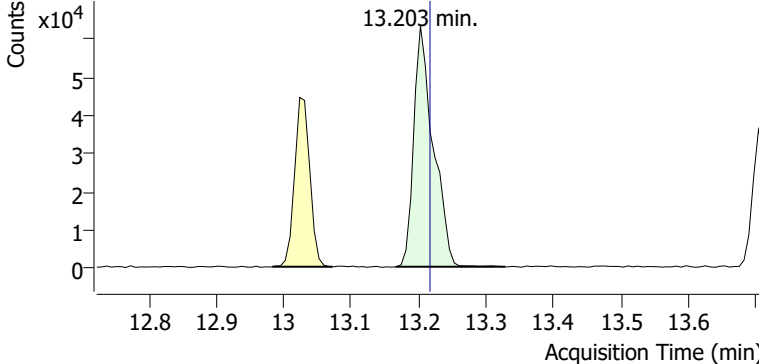


+ Scan (12.983-13.073 min, 12 scans) E2504541.d

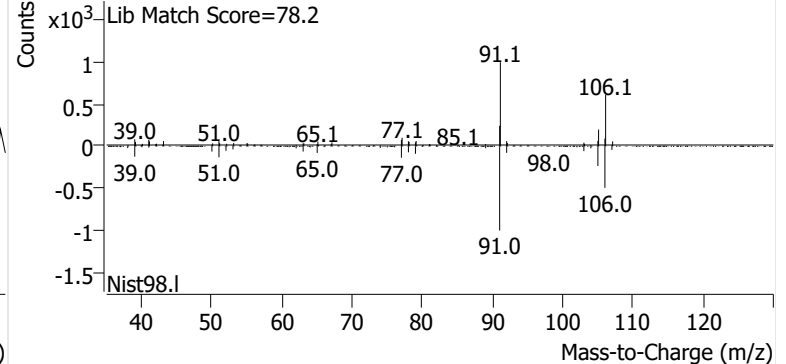


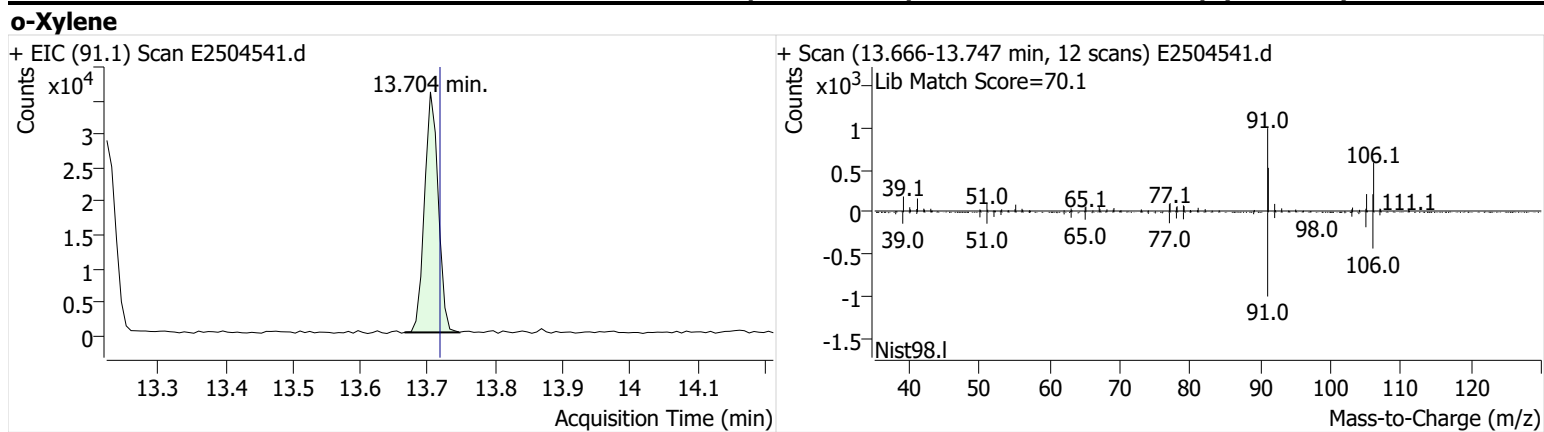
m-/p-Xylenes

+ EIC (91.1) Scan E2504541.d



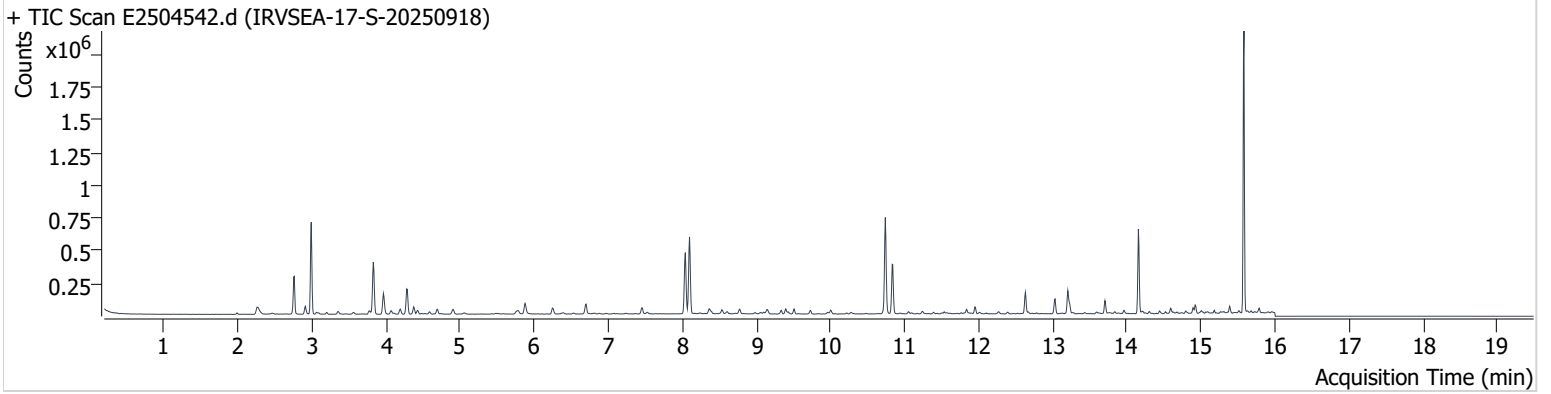
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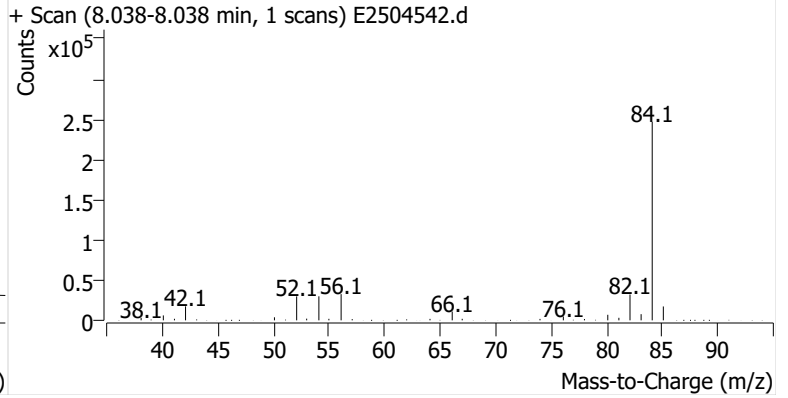
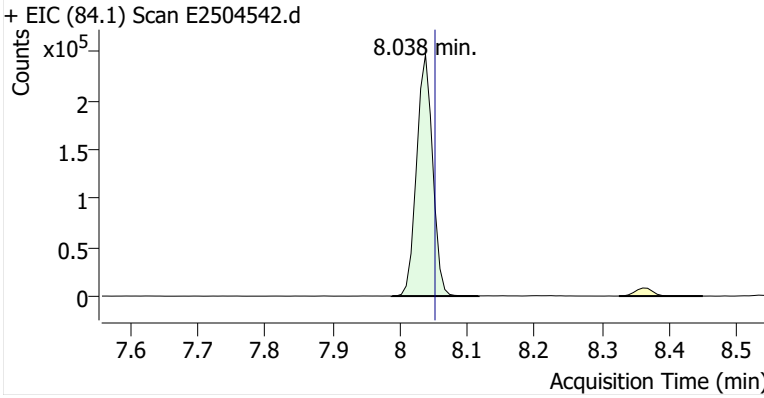
Name IRVSEA-17-S-20250918
Comment C00809
Data File E2504542.d
Acq. Date-Time 10/26/2025 10:41:30 PM
Acq. Method File M325B-MTD
Tube Sorbent CarbopackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

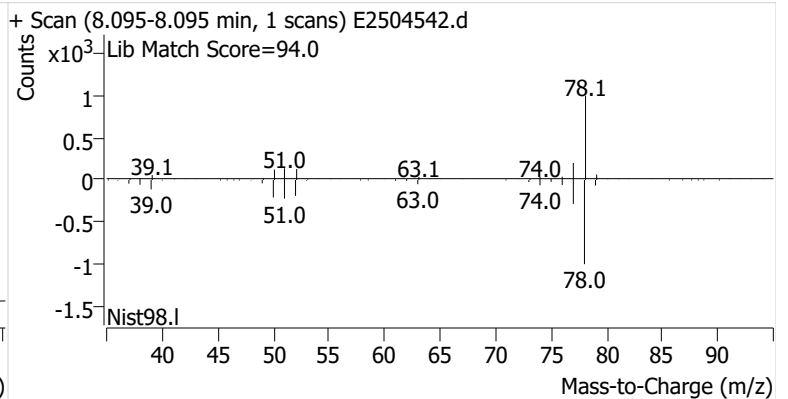
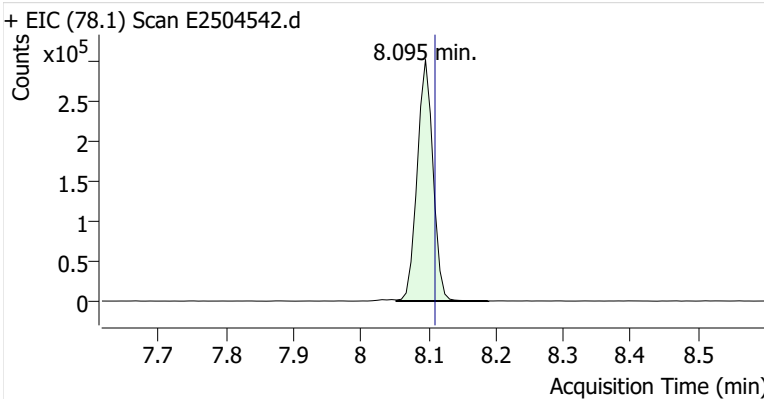


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	408,353	
Benzene	benzene-d6 (IS)	8.095	8.110	490,377	
Toluene-d8 (IS)		10.739	10.753	418,006	
Toluene	Toluene-d8 (IS)	10.832	10.846	244,099	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	76,930	
m-/p-Xylenes	Toluene-d8 (IS)	13.203	13.217	122,980	
o-Xylene	Toluene-d8 (IS)	13.704	13.718	48,320	

benzene-d6 (IS)

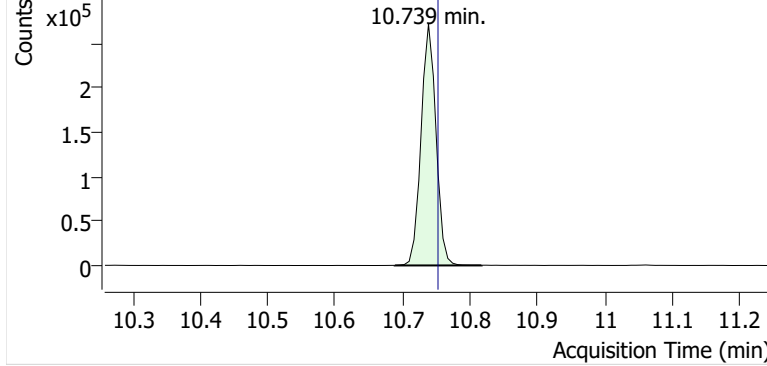


Benzene

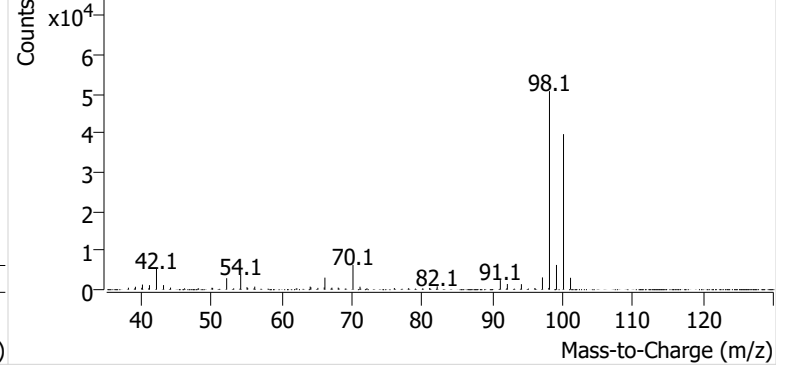


Toluene-d8 (IS)

+ EIC (98.1) Scan E2504542.d

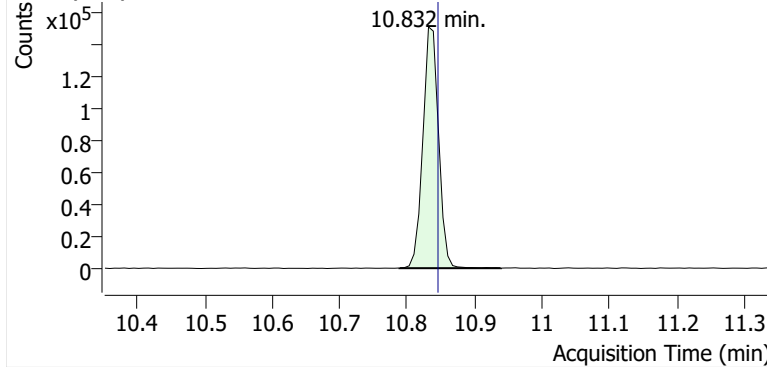


+ Scan (10.689-10.817 min, 19 scans) E2504542.d

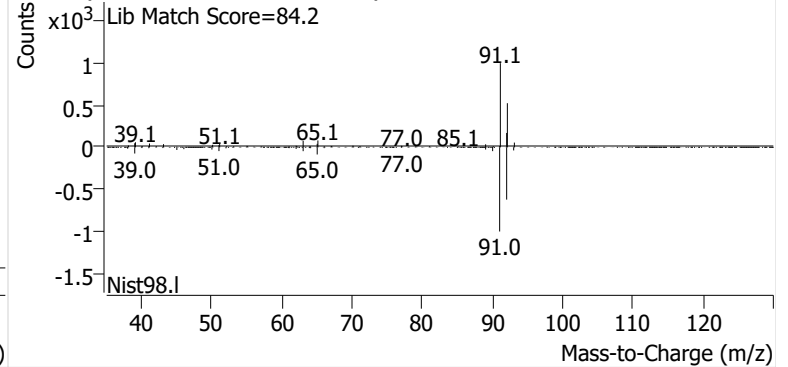


Toluene

+ EIC (91.1) Scan E2504542.d

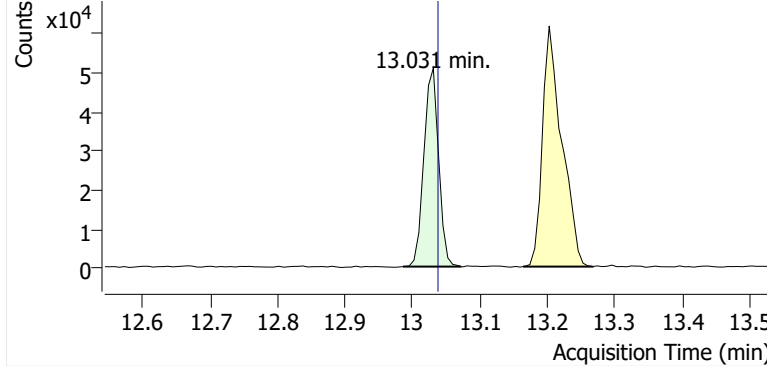


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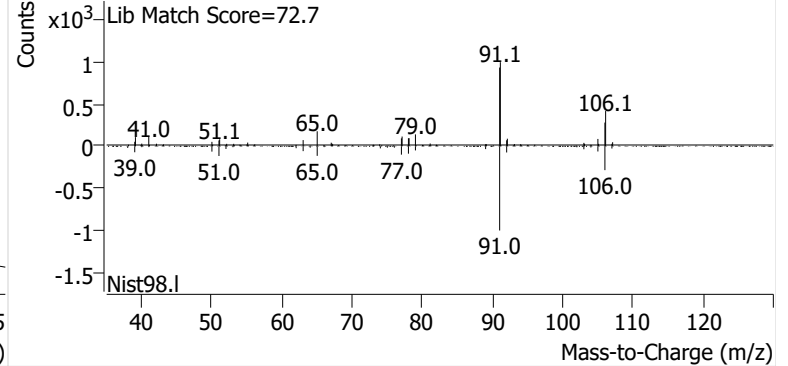


Ethylbenzene

+ EIC (91.1) Scan E2504542.d

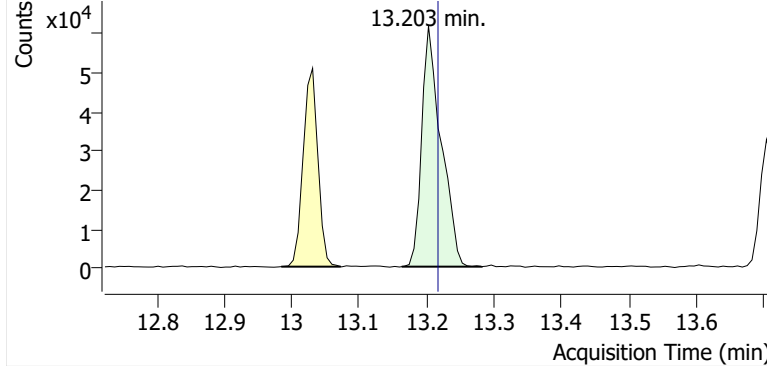


+ Scan (12.986-13.072 min, 12 scans) E2504542.d

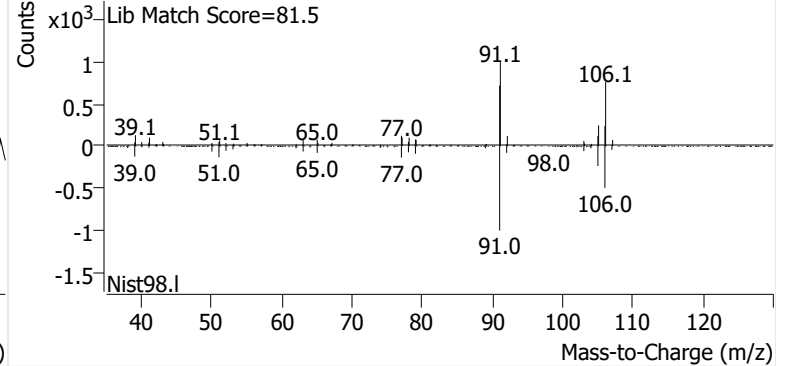


m-/p-Xylenes

+ EIC (91.1) Scan E2504542.d

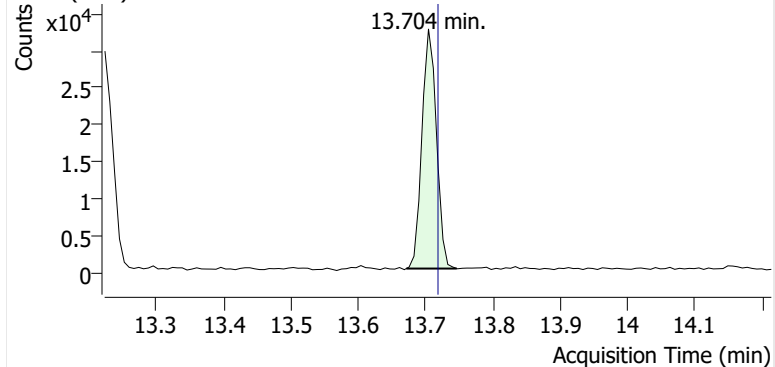


+ Scan (13.163-13.282 min, 17 scans) E2504542.d

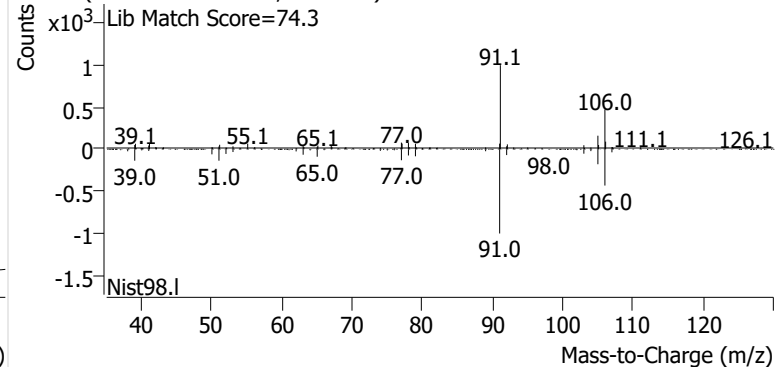


o-Xylene

+ EIC (91.1) Scan E2504542.d



+ Scan (13.671-13.746 min, 10 scans) E2504542.d



Initial Calibration



Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG401-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
E050525A_CC252679_QT_CC185154	Benzene	1	E2500043.d	4.94	48593	54.2	531168	1.004	0.14
E050525A_CC252679_QT_CC185154	Benzene	2	E2500044.d	10.06	88289	54.2	525272	0.905	0.032
E050525A_CC252679_QT_CC185154	Benzene	3	E2500045.d	20.12	167722	54.2	519365	0.869	-0.0086
E050525A_CC252679_QT_CC185154	Benzene	4	E2500046.d	40.25	314317	54.2	495891	0.853	-0.027
E050525A_CC252679_QT_CC185154	Benzene	5	E2500047.d	100.62	771973	54.2	516636	0.804	-0.083
E050525A_CC252679_QT_CC185154	Benzene	6	E2500048.d	201.24	1566630	54.2	517234	0.815	-0.07
E050525A_CC252679_QT_CC185154	Benzene	7	E2500049.d	603.73	5084416	54.2	514456	0.887	0.011
E050525A_CC252679_QT_CC185154	Benzene	QT		120.51		54.2			
						Avg:	517146	0.877	
						%RSD:	2.1%	7.6%	
E050525A_CC252679_QT_CC185154	Toluene	1	E2500043.d	5.34	57611	63.2	569179	1.198	0.21
E050525A_CC252679_QT_CC185154	Toluene	2	E2500044.d	10.88	96506	63.2	555358	1.009	0.02
E050525A_CC252679_QT_CC185154	Toluene	3	E2500045.d	21.76	183454	63.2	550972	0.967	-0.023
E050525A_CC252679_QT_CC185154	Toluene	4	E2500046.d	43.52	328667	63.2	514484	0.927	-0.063
E050525A_CC252679_QT_CC185154	Toluene	5	E2500047.d	108.80	817722	63.2	541924	0.876	-0.11
E050525A_CC252679_QT_CC185154	Toluene	6	E2500048.d	217.60	1753197	63.2	536168	0.949	-0.04
E050525A_CC252679_QT_CC185154	Toluene	7	E2500049.d	652.80	5564266	63.2	538797	0.999	0.01
E050525A_CC252679_QT_CC185154	Toluene	QT		105.84		63.2			
						Avg:	543840	0.989	
						%RSD:	3.2%	10.3%	
E050525A_CC252679_QT_CC185154	Ethylbenzene	1	E2500043.d	5.13	60169	63.2	569179	1.301	0.089
E050525A_CC252679_QT_CC185154	Ethylbenzene	2	E2500044.d	10.46	105835	63.2	555358	1.151	-0.037
E050525A_CC252679_QT_CC185154	Ethylbenzene	3	E2500045.d	20.92	208215	63.2	550972	1.141	-0.045
E050525A_CC252679_QT_CC185154	Ethylbenzene	4	E2500046.d	41.83	392499	63.2	514484	1.152	-0.036
E050525A_CC252679_QT_CC185154	Ethylbenzene	5	E2500047.d	104.58	995735	63.2	541924	1.110	-0.071
E050525A_CC252679_QT_CC185154	Ethylbenzene	6	E2500048.d	209.16	2327735	63.2	536168	1.311	0.097
E050525A_CC252679_QT_CC185154	Ethylbenzene	7	E2500049.d	627.49	6406466	63.2	538797	1.197	0.0018
E050525A_CC252679_QT_CC185154	Ethylbenzene	QT		110.01		63.2			
						Avg:	543840	1.195	
						%RSD:	3.2%	6.7%	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2025GG401-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
E050525A_CC252679_QT_CC185154	m-/p-Xylenes	1	E2500043.d	4.85	58394	63.2	569179	1.337	0.29
E050525A_CC252679_QT_CC185154	m-/p-Xylenes	2	E2500044.d	9.88	88399	63.2	555358	1.018	-0.019
E050525A_CC252679_QT_CC185154	m-/p-Xylenes	3	E2500045.d	19.75	172744	63.2	550972	1.003	-0.034
E050525A_CC252679_QT_CC185154	m-/p-Xylenes	4	E2500046.d	39.51	305031	63.2	514484	0.948	-0.086
E050525A_CC252679_QT_CC185154	m-/p-Xylenes	5	E2500047.d	98.77	730099	63.2	541924	0.862	-0.17
E050525A_CC252679_QT_CC185154	m-/p-Xylenes	6	E2500048.d	197.54	1739458	63.2	536168	1.037	-4.1E-05
E050525A_CC252679_QT_CC185154	m-/p-Xylenes	7	E2500049.d	592.63	5345328	63.2	538797	1.057	0.019
E050525A_CC252679_QT_CC185154	m-/p-Xylenes	QT		123.29		63.2			
						Avg:	543840	1.037	
						%RSD:	3.2%	14.2%	
E050525A_CC252679_QT_CC185154	o-Xylene	1	E2500043.d	5.05	50277	63.2	569179	1.104	0.16
E050525A_CC252679_QT_CC185154	o-Xylene	2	E2500044.d	10.30	81187	63.2	555358	0.896	-0.056
E050525A_CC252679_QT_CC185154	o-Xylene	3	E2500045.d	20.60	161444	63.2	550972	0.898	-0.054
E050525A_CC252679_QT_CC185154	o-Xylene	4	E2500046.d	41.21	299918	63.2	514484	0.894	-0.059
E050525A_CC252679_QT_CC185154	o-Xylene	5	E2500047.d	103.02	797704	63.2	541924	0.903	-0.05
E050525A_CC252679_QT_CC185154	o-Xylene	6	E2500048.d	206.03	1692581	63.2	536168	0.968	0.019
E050525A_CC252679_QT_CC185154	o-Xylene	7	E2500049.d	618.10	5206672	63.2	538797	0.988	0.04
E050525A_CC252679_QT_CC185154	o-Xylene	QT		114.65		63.2			
						Avg:	543840	0.950	
						%RSD:	3.2%	8.2%	

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
E050525A_CC252679_QT_CC185154	Benzene	ICV	E2500050.d	64.90	531194	54.2	505187	0.878	0.1%
E050525A_CC252679_QT_CC185154	Toluene	ICV	E2500050.d	77.40	626119	63.2	533535	0.958	-3.2%
E050525A_CC252679_QT_CC185154	Ethylbenzene	ICV	E2500050.d	87.14	736386	63.2	533535	1.001	-16.0%
E050525A_CC252679_QT_CC185154	m-/p-Xylenes	ICV	E2500050.d	90.70	588321	63.2	533535	0.768	-26.0%
E050525A_CC252679_QT_CC185154	o-Xylene	ICV	E2500050.d	89.27	625693	63.2	533535	0.830	-13.0%

M325B PDF Report ver.20250917

Sample Custody





EPA Method 325 A/B
Field Test Data Sheet and
Chain of Custody Record

- Standard Turn Around Time (10 business days)
- Rush Turn Around Time
- All TATs Subject to Approval by Enthalpy Analytical, Inc.
- Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

2025GG401 Page # 1 of # 1

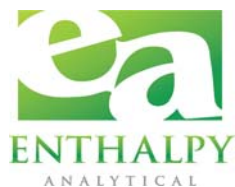
Site Name: Irving Oil	Client Name: Montrose Air	PO#:
Site Address: 52 Station Ave.	Project Number: #027957	Sample Event #
City: Searsport	Project Manager: Haig Brochu	Sorbent:
State: Maine	Email Address: haigbrochu@Montrose-env.com	
Zip: 04974	Telephone #: 207-441-0025	

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
1	C 57119	S	9/18/25	810	10/2/25	750	HRB		
2	C 54965	S		820		800			
2	C 24160	D		820		800			
2	C 69455	B		820		800			
3	C 43605	S		830		810			
4	C 55746	S		840		820			
5	C 01673	S		850		830			
6	C 56813	S		900		840			
7	B 47147	S		910		850			
8	C 57053	S		920		900			
8	C 00730	D		920		900			
8	C 37509	B		920		900			
9	B 51004	S		930		910			
10	B 18434	S		940		920			
11	C 60221	S		950		930			
12	C 38539	S		1000		940			
13	C 37488	S		1010		950			
14	C 31328	S		1020		1000			
15	C 56799	S		1040		1025			
16	B 17387	S		1050		1035			
17	C 00809	S	9/18/25	1100	10/2/25	1045	HRB		

Relinquished By (printed): Haig Brochu	Relinquished By (signature): 	Relinquished Date: 10/2/2025	Relinquished Time: 1630
Received By (printed): Paige Grandman	Received By (signature): 	Receipt Date: 10-24-25	Receipt Time: 12:18 pm
Sample Condition Upon Receipt: Good	Compound List:	Custody Seal intact? Y/N: Y	Delivery tracking #
Ice Temp:	Blank Temp: 20.0	Add Custody Seal # below: 24H11798	

Comments: **① EE, should be B18439 PEG as seen on tube list 10-24-25**

**This Is The Last Page
Of This Report.**



Irving Oil – Searsport

52 Station Ave
Searsport, ME 04974

Sampling Event 29 Irving Oil - Searsport

Client Project# PROJ-050105
Samples Received: 11/13/2025

Analytical Report 2025GG402

EPA Method 325B Analysis

Report Issue Date: 11/24/2025

I certify that to the best of my knowledge all analytical data presented in this report have been checked for completeness, accuracy, errors and legibility in addition to having been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s). This report shall not be reproduced except in full without approval of the laboratory. This will provide assurance that parts of the report are not taken out of context.

Amendment(s):



Signature:

QA REVIEW PERFORMED BY
Brianna Berry
QA Associate I



Matt Cavanaugh
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O: (919) 850-4392
Enthalpy Analytical
800 Capitola Drive Suite 1 Durham, NC 27713

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Narrative Summary



Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Job No.	2025GG402-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

1. Custody

The samples were received at Enthalpy Analytical on November 13, 2025 at 18.3 °C. The samples were received in good condition. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, LLC

Table 1 - Sample Inventory

Sample ID	Tube ID	Sample Type
IRVSEA-1-S-20251002	C43608	Sample
IRVSEA-2-S-20251002	C20383	Sample
IRVSEA-2-D-20251002	C70535	Duplicate
IRVSEA-2-B-20251002	B43932	Blank
IRVSEA-3-S-20251002	B31644	Sample
IRVSEA-4-S-20251002	C43634	Sample
IRVSEA-5-S-20251002	C35797	Sample
IRVSEA-6-S-20251002	C55424	Sample
IRVSEA-7-S-20251002	B18390	Sample
IRVSEA-8-S-20251002	C57099	Sample
IRVSEA-8-D-20251002	C02243	Duplicate
IRVSEA-8-B-20251002	C37060	Blank
IRVSEA-9-S-20251002	B14594	Sample
IRVSEA-10-S-20251002	C24142	Sample
IRVSEA-11-S-20251002	C38586	Sample
IRVSEA-12-S-20251002	C00722	Sample
IRVSEA-13-S-20251002	B48057	Sample
IRVSEA-14-S-20251002	B49508	Sample
IRVSEA-15-S-20251002	B17497	Sample
IRVSEA-16-S-20251002	C70874	Sample
IRVSEA-17-S-20251002	C00609	Sample

2. Analysis

The samples were analyzed for Benzene, Toluene, Ethylbenzene, m-/p-Xylenes, and o-Xylene using EPA Method 325B – Volatile Organic Compounds from Fugitive and Area Sources by Thermal Desorption and GC/MS. A copy of the acquisition method M325B-MTD is not included in this report but may be available upon request.

The sample tube media used for this sampling period was CarbopackX. All calibration standards and laboratory QC were prepared using the same media.

Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Job No.	2025GG402-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

3. Calibration

All BFB tune criteria have been met for this analysis.

The initial calibration (M082025A_CC185154) met all 30% RSD criteria. The initial calibration verification met $\pm 30\%$ recovery criteria. The continuing calibration verifications met 30% difference criteria. The initial and continuing calibration raw data are not included in this report but are available upon request.

5. QC Notes

All quality control criteria required by the method and/or the laboratory SOP have been met unless noted otherwise below.

6. Reporting Notes

All tubes used for this sampling period met the method criteria for number of uses; no tube exceeded 50 field uses.

As specified in EPA Method 325B, the response factor of the daily continuing calibration standard was used to quantitate all field samples and blanks.

All samples were reported as amount in ng catch, and concentration in $\mu\text{g}/\text{m}^3$ and ppbv.

The results presented in this report are representative of the samples as provided to the laboratory. These analyses met the requirements of the TNI Standard. Any deviations from the requirements of the reference method or TNI Standard have been stated above.

Enthalpy Analytical, located at 800 Capitola Drive, Suite 1, Durham NC, 27713 is accredited by the Louisiana Department of Environmental Quality (LDEQ) for EPA Method 325B for all analytes included in this report under **Certificate Number 04010**.

Results

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG402-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Summary

Sample Code	Tube ID	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
		(ug/m ³)	Flag	(ug/m ³)	Flag	(ug/m ³)	Flag	(ug/m ³)	Flag	(ug/m ³)	Flag
IRVSEA-1-S-20251002	C43608	1.86		6.51		0.886		0.315	J	0.275	ND
IRVSEA-2-S-20251002	C20383	2.18		8.85		1.59		4.64		1.66	
IRVSEA-2-D-20251002	C70535	1.92		8.20		1.45		4.92		1.74	
IRVSEA-2-B-20251002	B43932	0.189	ND	0.244	ND	0.275	ND	0.275	ND	0.275	ND
IRVSEA-3-S-20251002	B31644	2.40		9.84		2.09		5.47		1.93	
IRVSEA-4-S-20251002	C43634	2.85		11.0		3.44		9.58		2.71	
IRVSEA-5-S-20251002	C35797	2.48		12.1		2.68		8.33		2.81	
IRVSEA-6-S-20251002	C55424	3.14		14.1		3.09		9.16		3.03	
IRVSEA-7-S-20251002	B18390	3.85		18.6		6.54		18.6		5.11	
IRVSEA-8-S-20251002	C57099	4.10		20.5		4.74		15.9		5.53	
IRVSEA-8-D-20251002	C02243	4.14		20.1		4.55		14.7		4.97	
IRVSEA-8-B-20251002	C37060	0.189	ND	0.244	ND	0.275	ND	0.275	ND	0.275	ND
IRVSEA-9-S-20251002	B14594	3.26		14.0		2.83		8.38		3.03	
IRVSEA-10-S-20251002	C24142	2.98		13.0		2.55		7.32		2.66	
IRVSEA-11-S-20251002	C38586	2.72		12.8		2.49		7.27		2.58	
IRVSEA-12-S-20251002	C00722	2.71		12.2		2.24		6.64		2.44	
IRVSEA-13-S-20251002	B48057	2.37		9.72		1.80		5.07		1.78	
IRVSEA-14-S-20251002	B49508	2.17		8.76		1.69		5.00		1.82	
IRVSEA-15-S-20251002	B17497	3.04		11.1		2.60		5.96		2.01	
IRVSEA-16-S-20251002	C70874	1.80		7.89		1.40		4.69		1.62	
IRVSEA-17-S-20251002	C00609	1.88		7.88		1.54		4.40		1.59	

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit

ND: The analyte was not present above the Method Detection Limit

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
 Job No.: 2025GG402-1 EPA Method 325B Analysis
 Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20251002	C43608	1.86	0.583	24.6	54.0	0.655	20170	0.189	0.448	0.0592	0.140		M2504731.d	2025-11-13 19:30	0.949	8.181	230787	546252	55.2	8.117	-0.3%
IRVSEA-2-S-20251002	C20383	2.18	0.682	28.8	54.0	0.655	20170	0.189	0.448	0.0592	0.140		M2504732.d	2025-11-13 19:56	0.949	8.181	269124	544092	55.2	8.124	-0.7%
IRVSEA-2-D-20251002	C70535	1.92	0.602	25.4	54.0	0.655	20170	0.189	0.448	0.0592	0.140		M2504733.d	2025-11-13 20:23	0.949	8.181	237388	543938	55.2	8.124	-0.7%
IRVSEA-2-B-20251002	B43932	0.189	0.0592		54.0	0.655	20170	0.189	0.448	0.0592	0.140	ND	M2504730.d	2025-11-13 19:03	0.949	8.174	6619	540937	55.2	8.117	-1.3%
IRVSEA-3-S-20251002	B31644	2.40	0.752	31.7	54.0	0.655	20170	0.189	0.448	0.0592	0.140		M2504734.d	2025-11-13 20:51	0.949	8.181	296347	543555	55.2	8.124	-0.8%
IRVSEA-4-S-20251002	C43634	2.85	0.893	37.7	54.0	0.655	20170	0.189	0.448	0.0592	0.140		M2504735.d	2025-11-13 21:19	0.949	8.181	352275	543817	55.2	8.124	-0.7%
IRVSEA-5-S-20251002	C35797	2.48	0.776	32.7	54.0	0.655	20170	0.189	0.448	0.0592	0.140		M2504736.d	2025-11-13 21:47	0.949	8.181	306203	544568	55.2	8.124	-0.6%
IRVSEA-6-S-20251002	C55424	3.14	0.985	41.6	54.0	0.655	20170	0.189	0.448	0.0592	0.140		M2504737.d	2025-11-13 22:14	0.949	8.181	389890	546008	55.2	8.124	-0.3%
IRVSEA-7-S-20251002	B18390	3.85	1.21	50.9	54.0	0.655	20170	0.189	0.448	0.0592	0.140		M2504738.d	2025-11-13 22:42	0.949	8.181	479441	548275	55.2	8.124	0.1%
IRVSEA-8-S-20251002	C57099	4.10	1.29	54.3	54.0	0.655	20170	0.189	0.448	0.0592	0.140		M2504739.d	2025-11-13 23:10	0.949	8.181	508382	545522	55.2	8.124	-0.4%
IRVSEA-8-D-20251002	C02243	4.14	1.30	54.8	54.0	0.655	20170	0.189	0.448	0.0592	0.140		M2504742.d	2025-11-14 00:32	0.949	8.181	508867	540757	55.2	8.124	-1.3%
IRVSEA-8-B-20251002	C37060	0.189	0.0592		54.0	0.655	20170	0.189	0.448	0.0592	0.140	ND	M2504740.d	2025-11-13 23:37	0.949	8.174	6848	537355	55.2	8.117	-1.9%
IRVSEA-9-S-20251002	B14594	3.26	1.02	43.1	54.0	0.655	20170	0.189	0.448	0.0592	0.140		M2504743.d	2025-11-14 00:59	0.949	8.181	402336	543414	55.2	8.124	-0.8%
IRVSEA-10-S-20251002	C24142	2.98	0.934	39.4	54.0	0.655	20170	0.189	0.448	0.0592	0.140		M2504744.d	2025-11-14 01:27	0.949	8.181	374472	552929	55.2	8.124	0.9%
IRVSEA-11-S-20251002	C38586	2.72	0.853	36.0	54.0	0.655	20170	0.189	0.448	0.0592	0.140		M2504745.d	2025-11-14 01:55	0.949	8.181	335828	543172	55.2	8.124	-0.9%
IRVSEA-12-S-20251002	C00722	2.71	0.850	35.9	54.0	0.655	20170	0.189	0.448	0.0592	0.140		M2504746.d	2025-11-14 02:22	0.949	8.181	338891	549758	55.2	8.124	0.3%
IRVSEA-13-S-20251002	B48057	2.37	0.741	31.3	54.0	0.655	20170	0.189	0.448	0.0592	0.140		M2504747.d	2025-11-14 02:50	0.949	8.181	294068	547078	55.2	8.124	-0.2%
IRVSEA-14-S-20251002	B49508	2.17	0.681	28.7	54.0	0.655	20170	0.189	0.448	0.0592	0.140		M2504748.d	2025-11-14 03:17	0.949	8.181	271062	549194	55.2	8.124	0.2%
IRVSEA-15-S-20251002	B17497	3.04	0.952	40.2	53.9	0.655	20165	0.189	0.448	0.0592	0.140		M2504749.d	2025-11-14 03:45	0.949	8.181	378954	549438	55.2	8.124	0.3%
IRVSEA-16-S-20251002	C70874	1.80	0.562	23.7	53.9	0.655	20165	0.189	0.448	0.0592	0.140		M2504750.d	2025-11-14 04:12	0.949	8.181	222871	546842	55.2	8.124	-0.2%
IRVSEA-17-S-20251002	C00609	1.88	0.587	24.8	53.9	0.655	20165	0.189	0.448	0.0592	0.140		M2504751.d	2025-11-14 04:40	0.949	8.181	230928	542337	55.2	8.124	-1.0%

Toluene

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20251002	C43608	6.51	1.73	66.8	54.0	0.509	20170	0.244	0.507	0.0647	0.135		M2504731.d	2025-11-13 19:30	1.135	10.910	666925	573778	65.2	10.817	-0.6%
IRVSEA-2-S-20251002	C20383	8.85	2.35	90.8	54.0	0.509	20170	0.244	0.507	0.0647	0.135		M2504732.d	2025-11-13 19:56	1.135	10.910	900884	569687	65.2	10.817	-1.4%
IRVSEA-2-D-20251002	C70535	8.20	2.18	84.1	54.0	0.509	20170	0.244	0.507	0.0647	0.135		M2504733.d	2025-11-13 20:23	1.135	10.910	838029	572193	65.2	10.817	-0.9%
IRVSEA-2-B-20251002	B43932	0.244	0.0647		54.0	0.509	20170	0.244	0.507	0.0647	0.135	ND	M2504730.d	2025-11-13 19:03	1.135	10.910	9265	563625	65.2	10.817	-2.4%
IRVSEA-3-S-20251002	B31644	9.84	2.61	101	54.0	0.509	20170	0.244	0.507	0.0647	0.135		M2504734.d	2025-11-13 20:51	1.135	10.911	998246	567983	65.2	10.817	-1.7%
IRVSEA-4-S-20251002	C43634	11.0	2.93	113	54.0	0.509	20170	0.244	0.507	0.0647	0.135		M2504735.d	2025-11-13 21:19	1.135	10.910	1109591	562265	65.2	10.817	-2.6%
IRVSEA-5-S-20251002	C35797	12.1	3.21	124	54.0	0.509	20170	0.244	0.507	0.0647	0.135		M2504736.d	2025-11-13 21:47	1.135	10.910	1229653	569136	65.2	10.817	-1.5%
IRVSEA-6-S-20251002	C55424	14.1	3.75	145	54.0	0.509	20170	0.244	0.507	0.0647	0.135		M2504737.d	2025-11-13 22:14	1.135	10.910	1437962	569858	65.2	10.817	-1.3%
IRVSEA-7-S-20251002	B18390	18.6	4.93	190	54.0	0.509	20170	0.244	0.507	0.0647	0.135		M2504738.d	2025-11-13 22:42	1.135	10.910	1876161	565898	65.2	10.817	-2.0%
IRVSEA-8-S-20251002	C57099	20.5	5.45	211	54.0	0.509	20170	0.244	0.507	0.0647	0.135		M2504739.d	2025-11-13 23:10	1.135	10.910	2078763	566789	65.2	10.817	-1.9%
IRVSEA-8-D-20251002	C02243	20.1	5.34	207	54.0	0.509	20170	0.244	0.507	0.0647	0.135		M2504742.d	2025-11-14 00:32	1.135	10.910	2034701	565844	65.2	10.817	-2.0%
IRVSEA-8-B-20251002	C37060	0.244	0.0647		54.0	0.509	20170	0.244	0.507	0.0647	0.135	ND	M2504740.d	2025-11-13 23:37	1.135	10.910	20985	564988	65.2	10.817	-2.2%
IRVSEA-9-S-20251002	B14594	14.0	3.72	144	54.0	0.509	20170	0.244	0.507	0.0647	0.135		M2504743.d	2025-11-14 00:59	1.135	10.910	1419607	567329	65.2	10.817	-1.8%
IRVSEA-10-S-20251002	C24142	13.0	3.46	134	54.0	0.509	20170	0.244	0.507	0.0647	0.135		M2504744.d	2025-11-14 01:27	1.135	10.910	1333413	572661	65.2	10.817	-0.8%
IRVSEA-11-S-20251002	C38586	12.8	3.41	132	54.0	0.509	20170	0.244	0.507	0.0647	0.135		M2504745.d	2025-11-14 01:55	1.135	10.910	1318619	575300	65.2	10.817	-0.4%
IRVSEA-12-S-20251002	C00722	12.2	3.24	125	54.0	0.509	20170	0.244	0.507	0.0647	0.135		M2504746.d	2025-11-14 02:22	1.135	10.911	1261645	579256	65.2	10.817	0.3%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG402-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Toluene

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-13-S-20251002	B48057	9.72	2.58	99.7	54.0	0.509	20170	0.244	0.507	0.0647	0.135		M2504747.d	2025-11-14 02:50	1.135	10.910	989464	570088	65.2	10.817	-1.3%
IRVSEA-14-S-20251002	B49508	8.76	2.33	89.9	54.0	0.509	20170	0.244	0.507	0.0647	0.135		M2504748.d	2025-11-14 03:17	1.135	10.911	903369	577079	65.2	10.817	-0.1%
IRVSEA-15-S-20251002	B17497	11.1	2.94	114	53.9	0.509	20165	0.244	0.507	0.0647	0.135		M2504749.d	2025-11-14 03:45	1.135	10.910	1130594	571037	65.2	10.817	-1.1%
IRVSEA-16-S-20251002	C70874	7.89	2.09	80.9	53.9	0.509	20165	0.244	0.507	0.0647	0.135		M2504750.d	2025-11-14 04:12	1.135	10.911	801506	569124	65.2	10.810	-1.5%
IRVSEA-17-S-20251002	C00609	7.88	2.09	80.8	53.9	0.509	20165	0.244	0.507	0.0647	0.135		M2504751.d	2025-11-14 04:40	1.135	10.910	800893	569293	65.2	10.817	-1.4%

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20251002	C43608	0.886	0.204	8.04	54.0	0.450	20170	0.275	0.596	0.0635	0.137		M2504731.d	2025-11-13 19:30	1.275	13.102	90263	573778	65.2	10.817	-0.6%
IRVSEA-2-S-20251002	C20383	1.59	0.367	14.5	54.0	0.450	20170	0.275	0.596	0.0635	0.137		M2504732.d	2025-11-13 19:56	1.275	13.102	161155	569687	65.2	10.817	-1.4%
IRVSEA-2-D-20251002	C70535	1.45	0.335	13.2	54.0	0.450	20170	0.275	0.596	0.0635	0.137		M2504733.d	2025-11-13 20:23	1.275	13.102	147663	572193	65.2	10.817	-0.9%
IRVSEA-2-B-20251002	B43932	0.275	0.0635		54.0	0.450	20170	0.275	0.596	0.0635	0.137	ND	M2504730.d	2025-11-13 19:03	1.275	13.102	1556	563625	65.2	10.817	-2.4%
IRVSEA-3-S-20251002	B31644	2.09	0.483	19.0	54.0	0.450	20170	0.275	0.596	0.0635	0.137		M2504734.d	2025-11-13 20:51	1.275	13.102	211307	567983	65.2	10.817	-1.7%
IRVSEA-4-S-20251002	C43634	3.44	0.792	31.2	54.0	0.450	20170	0.275	0.596	0.0635	0.137		M2504735.d	2025-11-13 21:19	1.275	13.102	343333	562265	65.2	10.817	-2.6%
IRVSEA-5-S-20251002	C35797	2.68	0.617	24.3	54.0	0.450	20170	0.275	0.596	0.0635	0.137		M2504736.d	2025-11-13 21:47	1.275	13.102	270814	569136	65.2	10.817	-1.5%
IRVSEA-6-S-20251002	C55424	3.09	0.711	28.0	54.0	0.450	20170	0.275	0.596	0.0635	0.137		M2504737.d	2025-11-13 22:14	1.275	13.102	312487	569858	65.2	10.817	-1.3%
IRVSEA-7-S-20251002	B18390	6.54	1.51	59.3	54.0	0.450	20170	0.275	0.596	0.0635	0.137		M2504738.d	2025-11-13 22:42	1.275	13.102	657083	565898	65.2	10.817	-2.0%
IRVSEA-8-S-20251002	C57099	4.74	1.09	43.0	54.0	0.450	20170	0.275	0.596	0.0635	0.137		M2504739.d	2025-11-13 23:10	1.275	13.102	477211	566789	65.2	10.817	-1.9%
IRVSEA-8-D-20251002	C02243	4.55	1.05	41.3	54.0	0.450	20170	0.275	0.596	0.0635	0.137		M2504742.d	2025-11-14 00:32	1.275	13.102	457749	565844	65.2	10.817	-2.0%
IRVSEA-8-B-20251002	C37060	0.275	0.0635		54.0	0.450	20170	0.275	0.596	0.0635	0.137	ND	M2504740.d	2025-11-13 23:37	1.275	13.102	1961	564988	65.2	10.817	-2.2%
IRVSEA-9-S-20251002	B14594	2.83	0.653	25.7	54.0	0.450	20170	0.275	0.596	0.0635	0.137		M2504743.d	2025-11-14 00:59	1.275	13.102	285468	567329	65.2	10.817	-1.8%
IRVSEA-10-S-20251002	C24142	2.55	0.587	23.1	54.0	0.450	20170	0.275	0.596	0.0635	0.137		M2504744.d	2025-11-14 01:27	1.275	13.102	258911	572661	65.2	10.817	-0.8%
IRVSEA-11-S-20251002	C38586	2.49	0.574	22.6	54.0	0.450	20170	0.275	0.596	0.0635	0.137		M2504745.d	2025-11-14 01:55	1.275	13.102	254662	575300	65.2	10.817	-0.4%
IRVSEA-12-S-20251002	C00722	2.24	0.517	20.4	54.0	0.450	20170	0.275	0.596	0.0635	0.137		M2504746.d	2025-11-14 02:22	1.275	13.102	230964	579256	65.2	10.817	0.3%
IRVSEA-13-S-20251002	B48057	1.80	0.414	16.3	54.0	0.450	20170	0.275	0.596	0.0635	0.137		M2504747.d	2025-11-14 02:50	1.275	13.102	182040	570088	65.2	10.817	-1.3%
IRVSEA-14-S-20251002	B49508	1.69	0.390	15.3	54.0	0.450	20170	0.275	0.596	0.0635	0.137		M2504748.d	2025-11-14 03:17	1.275	13.102	173314	577079	65.2	10.817	-0.1%
IRVSEA-15-S-20251002	B17497	2.60	0.599	23.6	53.9	0.450	20165	0.275	0.596	0.0635	0.137		M2504749.d	2025-11-14 03:45	1.275	13.102	263767	571037	65.2	10.817	-1.1%
IRVSEA-16-S-20251002	C70874	1.40	0.323	12.7	53.9	0.450	20165	0.275	0.596	0.0635	0.137		M2504750.d	2025-11-14 04:12	1.275	13.102	141596	569124	65.2	10.810	-1.5%
IRVSEA-17-S-20251002	C00609	1.54	0.354	13.9	53.9	0.450	20165	0.276	0.596	0.0635	0.137		M2504751.d	2025-11-14 04:40	1.275	13.102	155397	569293	65.2	10.817	-1.4%

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20251002	C43608	0.315	0.0725	2.86	54.0	0.450	20170	0.275	0.668	0.0635	0.154	J	M2504731.d	2025-11-13 19:30	1.047	13.274	26315	573778	65.2	10.817	-0.6%
IRVSEA-2-S-20251002	C20383	4.64	1.07	42.1	54.0	0.450	20170	0.275	0.668	0.0635	0.154		M2504732.d	2025-11-13 19:56	1.047	13.274	385593	569687	65.2	10.817	-1.4%
IRVSEA-2-D-20251002	C70535	4.92	1.13	44.6	54.0	0.450	20170	0.275	0.668	0.0635	0.154		M2504733.d	2025-11-13 20:23	1.047	13.274	409983	572193	65.2	10.817	-0.9%
IRVSEA-2-B-20251002	B43932	0.275	0.0635		54.0	0.450	20170	0.275	0.668	0.0635	0.154	ND	M2504730.d	2025-11-13 19:03	1.047	13.281	1139	563625	65.2	10.817	-2.4%
IRVSEA-3-S-20251002	B31644	5.47	1.26	49.6	54.0	0.450	20170	0.275	0.668	0.0635	0.154		M2504734.d	2025-11-13 20:51	1.047	13.274	452587	567983	65.2	10.817	-1.7%
IRVSEA-4-S-20251002	C43634	9.58	2.21	87.0	54.0	0.450	20170	0.275	0.668	0.0635	0.154		M2504735.d	2025-11-13 21:19	1.047	13.274	785350	562265	65.2	10.817	-2.6%
IRVSEA-5-S-20251002	C35797	8.33	1.92	75.6	54.0	0.450	20170	0.275	0.668	0.0635	0.154		M2504736.d	2025-11-13 21:47	1.047	13.274	691223	569136	65.2	10.817	-1.5%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
 Job No.: 2025GG402-1 EPA Method 325B Analysis
 Client No.: PROJ-050105 Site: Irving Oil - Searsport

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-6-S-20251002	C55424	9.16	2.11	83.2	54.0	0.450	20170	0.275	0.668	0.0635	0.154		M2504737.d	2025-11-13 22:14	1.047	13.274	761109	569858	65.2	10.817	-1.3%
IRVSEA-7-S-20251002	B18390	18.6	4.29	169	54.0	0.450	20170	0.275	0.668	0.0635	0.154		M2504738.d	2025-11-13 22:42	1.047	13.274	1536207	565898	65.2	10.817	-2.0%
IRVSEA-8-S-20251002	C57099	15.9	3.66	144	54.0	0.450	20170	0.275	0.668	0.0635	0.154		M2504739.d	2025-11-13 23:10	1.047	13.274	1311270	566789	65.2	10.817	-1.9%
IRVSEA-8-D-20251002	C02243	14.7	3.39	133	54.0	0.450	20170	0.275	0.668	0.0635	0.154		M2504742.d	2025-11-14 00:32	1.047	13.274	1212071	565844	65.2	10.817	-2.0%
IRVSEA-8-B-20251002	C37060	0.275	0.0635		54.0	0.450	20170	0.275	0.668	0.0635	0.154	ND	M2504740.d	2025-11-13 23:37	1.047	13.281	1969	564988	65.2	10.817	-2.2%
IRVSEA-9-S-20251002	B14594	8.38	1.93	76.1	54.0	0.450	20170	0.275	0.668	0.0635	0.154		M2504743.d	2025-11-14 00:59	1.047	13.274	693017	567329	65.2	10.817	-1.8%
IRVSEA-10-S-20251002	C24142	7.32	1.69	66.4	54.0	0.450	20170	0.275	0.668	0.0635	0.154		M2504744.d	2025-11-14 01:27	1.047	13.274	610758	572661	65.2	10.817	-0.8%
IRVSEA-11-S-20251002	C38586	7.27	1.68	66.0	54.0	0.450	20170	0.275	0.668	0.0635	0.154		M2504745.d	2025-11-14 01:55	1.047	13.274	609903	575300	65.2	10.817	-0.4%
IRVSEA-12-S-20251002	C00722	6.64	1.53	60.3	54.0	0.450	20170	0.275	0.668	0.0635	0.154		M2504746.d	2025-11-14 02:22	1.047	13.274	561002	579256	65.2	10.817	0.3%
IRVSEA-13-S-20251002	B48057	5.07	1.17	46.0	54.0	0.450	20170	0.275	0.668	0.0635	0.154		M2504747.d	2025-11-14 02:50	1.047	13.274	421413	570088	65.2	10.817	-1.3%
IRVSEA-14-S-20251002	B49508	5.00	1.15	45.3	54.0	0.450	20170	0.275	0.668	0.0635	0.154		M2504748.d	2025-11-14 03:17	1.047	13.274	420238	577079	65.2	10.817	-0.1%
IRVSEA-15-S-20251002	B17497	5.96	1.37	54.1	53.9	0.450	20165	0.275	0.668	0.0635	0.154		M2504749.d	2025-11-14 03:45	1.047	13.274	496173	571037	65.2	10.817	-1.1%
IRVSEA-16-S-20251002	C70874	4.69	1.08	42.5	53.9	0.450	20165	0.275	0.668	0.0635	0.154		M2504750.d	2025-11-14 04:12	1.047	13.274	388893	569124	65.2	10.810	-1.5%
IRVSEA-17-S-20251002	C00609	4.40	1.01	39.9	53.9	0.450	20165	0.276	0.668	0.0635	0.154		M2504751.d	2025-11-14 04:40	1.047	13.274	364861	569293	65.2	10.817	-1.4%

o-Xylene

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20251002	C43608	0.275	0.0635		54.0	0.450	20170	0.275	0.621	0.0635	0.143	ND	M2504731.d	2025-11-13 19:30	1.044	13.776	6184	573778	65.2	10.817	-0.6%
IRVSEA-2-S-20251002	C20383	1.66	0.383	15.1	54.0	0.450	20170	0.275	0.621	0.0635	0.143		M2504732.d	2025-11-13 19:56	1.044	13.776	137788	569687	65.2	10.817	-1.4%
IRVSEA-2-D-20251002	C70535	1.74	0.400	15.8	54.0	0.450	20170	0.275	0.621	0.0635	0.143		M2504733.d	2025-11-13 20:23	1.044	13.776	144585	572193	65.2	10.817	-0.9%
IRVSEA-2-B-20251002	B43932	0.275	0.0635		54.0	0.450	20170	0.275	0.621	0.0635	0.143	ND	M2504730.d	2025-11-13 19:03	1.044	13.768	428	563625	65.2	10.817	-2.4%
IRVSEA-3-S-20251002	B31644	1.93	0.445	17.5	54.0	0.450	20170	0.275	0.621	0.0635	0.143		M2504734.d	2025-11-13 20:51	1.044	13.776	159384	567983	65.2	10.817	-1.7%
IRVSEA-4-S-20251002	C43634	2.71	0.625	24.6	54.0	0.450	20170	0.275	0.621	0.0635	0.143		M2504735.d	2025-11-13 21:19	1.044	13.776	221830	562265	65.2	10.817	-2.6%
IRVSEA-5-S-20251002	C35797	2.81	0.647	25.5	54.0	0.450	20170	0.275	0.621	0.0635	0.143		M2504736.d	2025-11-13 21:47	1.044	13.776	232542	569136	65.2	10.817	-1.5%
IRVSEA-6-S-20251002	C55424	3.03	0.697	27.5	54.0	0.450	20170	0.275	0.621	0.0635	0.143		M2504737.d	2025-11-13 22:14	1.044	13.776	250856	569858	65.2	10.817	-1.3%
IRVSEA-7-S-20251002	B18390	5.11	1.18	46.4	54.0	0.450	20170	0.275	0.621	0.0635	0.143		M2504738.d	2025-11-13 22:42	1.044	13.776	420836	565898	65.2	10.817	-2.0%
IRVSEA-8-S-20251002	C57099	5.53	1.28	50.2	54.0	0.450	20170	0.275	0.621	0.0635	0.143		M2504739.d	2025-11-13 23:10	1.044	13.776	456252	566789	65.2	10.817	-1.9%
IRVSEA-8-D-20251002	C02243	4.97	1.15	45.2	54.0	0.450	20170	0.275	0.621	0.0635	0.143		M2504742.d	2025-11-14 00:32	1.044	13.776	409521	565844	65.2	10.817	-2.0%
IRVSEA-8-B-20251002	C37060	0.275	0.0635		54.0	0.450	20170	0.275	0.621	0.0635	0.143	ND	M2504740.d	2025-11-13 23:37	1.044	13.783	607	564988	65.2	10.817	-2.2%
IRVSEA-9-S-20251002	B14594	3.03	0.698	27.5	54.0	0.450	20170	0.275	0.621	0.0635	0.143		M2504743.d	2025-11-14 00:59	1.044	13.776	249897	567329	65.2	10.817	-1.8%
IRVSEA-10-S-20251002	C24142	2.66	0.613	24.2	54.0	0.450	20170	0.275	0.621	0.0635	0.143		M2504744.d	2025-11-14 01:27	1.044	13.776	221700	572661	65.2	10.817	-0.8%
IRVSEA-11-S-20251002	C38586	2.58	0.594	23.4	54.0	0.450	20170	0.275	0.621	0.0635	0.143		M2504745.d	2025-11-14 01:55	1.044	13.776	215552	575300	65.2	10.817	-0.4%
IRVSEA-12-S-20251002	C00722	2.44	0.562	22.2	54.0	0.450	20170	0.275	0.621	0.0635	0.143		M2504746.d	2025-11-14 02:22	1.044	13.776	205642	579256	65.2	10.817	0.3%
IRVSEA-13-S-20251002	B48057	1.78	0.410	16.1	54.0	0.450	20170	0.275	0.621	0.0635	0.143		M2504747.d	2025-11-14 02:50	1.044	13.776	147489	570088	65.2	10.817	-1.3%
IRVSEA-14-S-20251002	B49508	1.82	0.419	16.5	54.0	0.450	20170	0.275	0.621	0.0635	0.143		M2504748.d	2025-11-14 03:17	1.044	13.776	152774	577079	65.2	10.817	-0.1%
IRVSEA-15-S-20251002	B17497	2.01	0.463	18.2	53.9	0.450	20165	0.275	0.621	0.0635	0.143		M2504749.d	2025-11-14 03:45	1.044	13.775	166966	571037	65.2	10.817	-1.1%
IRVSEA-16-S-20251002	C70874	1.62	0.372	14.7	53.9	0.450	20165	0.275	0.621	0.0635	0.143		M2504750.d	2025-11-14 04:12	1.044	13.776	133718	569124	65.2	10.810	-1.5%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG402-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

o-Xylene

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-17-S-20251002	C00609	1.59	0.366	14.4	53.9	0.450	20165	0.276	0.621	0.0635	0.143		M2504751.d	2025-11-14 04:40	1.044	13.776	131319	569293	65.2	10.817	-1.4%

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit

ND: The analyte was not present above the Method Detection Limit

QC Data



Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG402-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m ³)	IRVSEA-2-B-20251002	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
	IRVSEA-8-B-20251002	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	IRVSEA-2-D-20251002	13%	Pass	7.7%	Pass	9.2%	Pass	5.7%	Pass	4.4%	Pass
	IRVSEA-8-D-20251002	0.97%	Pass	2.0%	Pass	4.0%	Pass	7.7%	Pass	11%	Pass

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2025GG402-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICAL	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	M2504728.d	B27854	Cal	0.949		0.949	-9.4%	-0.86%		Pass	
2025GG402 Method Blank-1	M2504729.d	B14968	Blank			0.949			-0.28%	Pass	ND
M325B CCV 5 REC	M2504741.d	C71760	Check	0.969		0.949	-7.5%		-1.3%	Pass	
M325B CCV 5	M2504752.d	C55334	Check	0.942		0.949	-10%		-1.8%	Pass	

Toluene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICAL	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	M2504728.d	B27854	Cal	1.135		1.135	-13%	0.59%		Pass	
2025GG402 Method Blank-1	M2504729.d	B14968	Blank			1.135			-0.33%	Pass	J
M325B CCV 5 REC	M2504741.d	C71760	Check	1.062		1.135	-19%		-1.4%	Pass	
M325B CCV 5	M2504752.d	C55334	Check	1.110		1.135	-15%		-2.6%	Pass	

Ethylbenzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICAL	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	M2504728.d	B27854	Cal	1.275		1.275	-1.8%	0.59%		Pass	
2025GG402 Method Blank-1	M2504729.d	B14968	Blank			1.275			-0.33%	Pass	ND
M325B CCV 5 REC	M2504741.d	C71760	Check	1.161		1.275	-11%		-1.4%	Pass	
M325B CCV 5	M2504752.d	C55334	Check	1.252		1.275	-3.6%		-2.6%	Pass	

m-/p-Xylenes Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICAL	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	M2504728.d	B27854	Cal	1.047		1.047	17%	0.59%		Pass	
2025GG402 Method Blank-1	M2504729.d	B14968	Blank			1.047			-0.33%	Pass	ND
M325B CCV 5 REC	M2504741.d	C71760	Check	0.967		1.047	8.2%		-1.4%	Pass	
M325B CCV 5	M2504752.d	C55334	Check	1.010		1.047	13%		-2.6%	Pass	

o-Xylene Calibration and Blanks

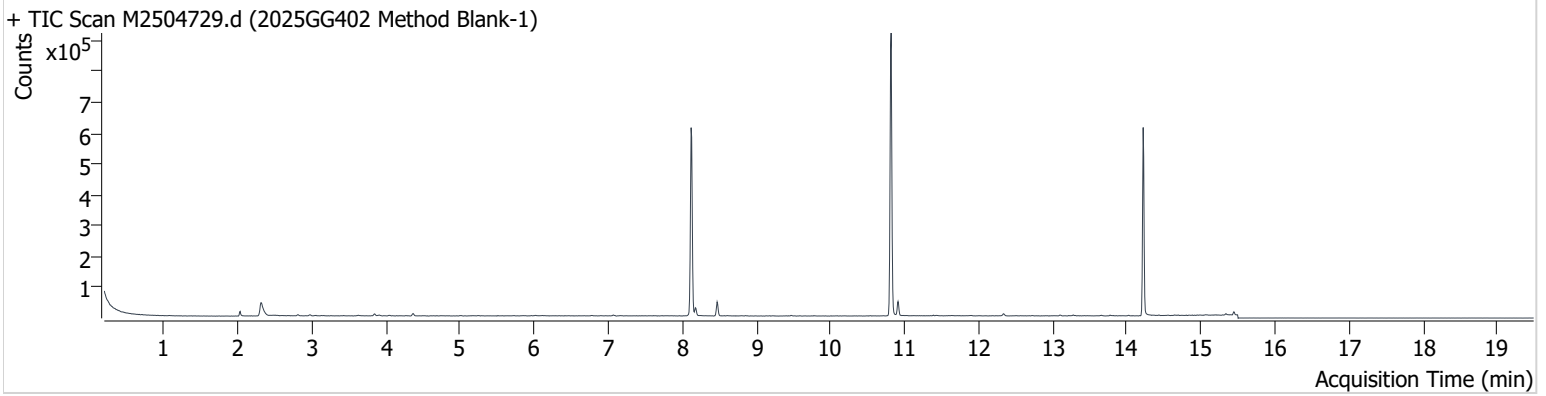
Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICAL	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	M2504728.d	B27854	Cal	1.044		1.044	15%	0.59%		Pass	
2025GG402 Method Blank-1	M2504729.d	B14968	Blank			1.044			-0.33%	Pass	ND
M325B CCV 5 REC	M2504741.d	C71760	Check	0.998		1.044	10%		-1.4%	Pass	
M325B CCV 5	M2504752.d	C55334	Check	1.013		1.044	12%		-2.6%	Pass	

Chromatograms



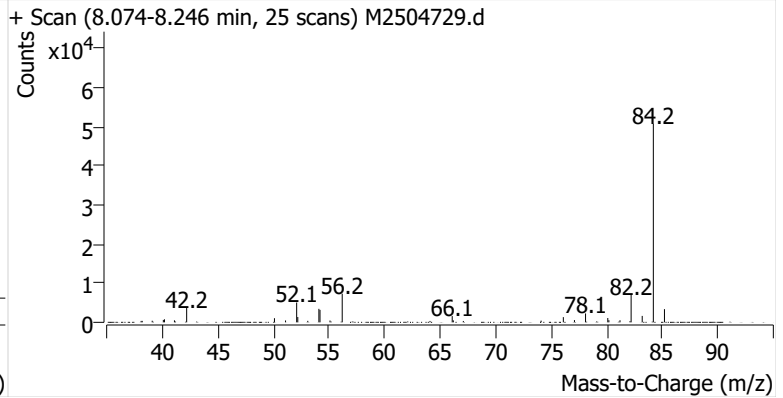
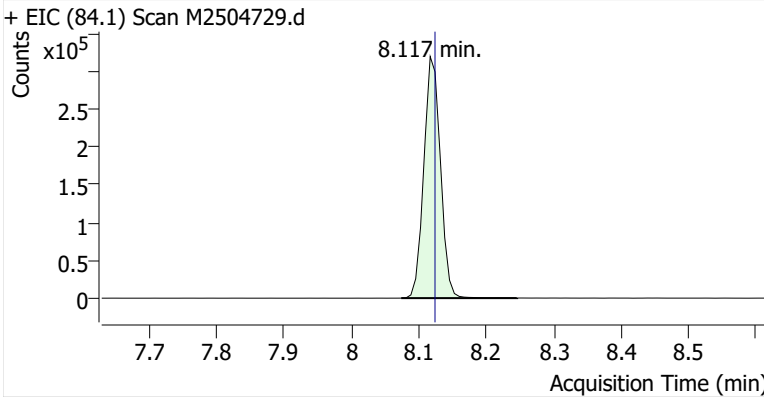
Name 2025GG402 Method Blank-1
Comment B14968
Data File M2504729.d
Acq. Date-Time 11/13/2025 6:36:10 PM
Acq. Method File M325B-MTD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

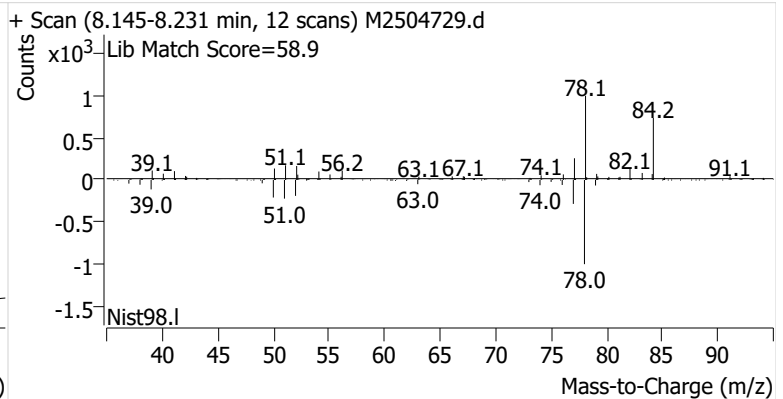
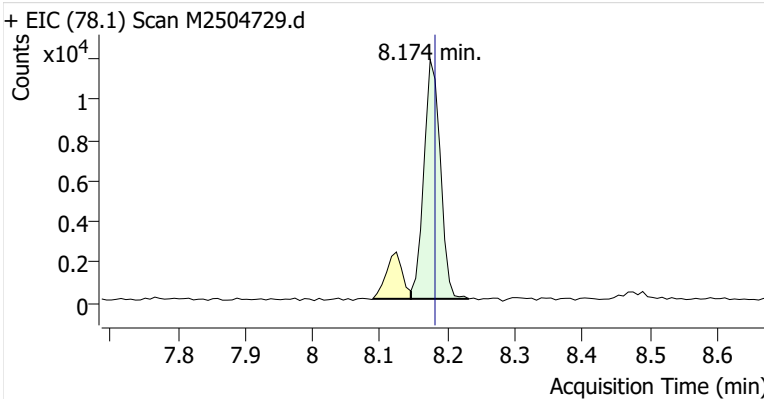


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.117	8.124	546,358	
Benzene	Benzene-d6 (IS)	8.174	8.181	20,000	
Toluene-d8 (IS)		10.817	10.817	575,599	
Toluene	Toluene-d8 (IS)	10.910	10.910	29,812	
Ethylbenzene	Toluene-d8 (IS)	13.102	13.102	1,692	
m-/p-Xylenes	Toluene-d8 (IS)	13.281	13.281	1,674	
o-Xylene	Toluene-d8 (IS)	13.776	13.776	981	

Benzene-d6 (IS)

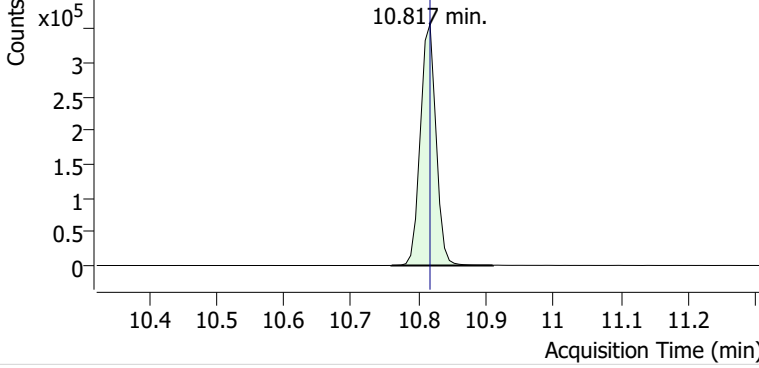


Benzene

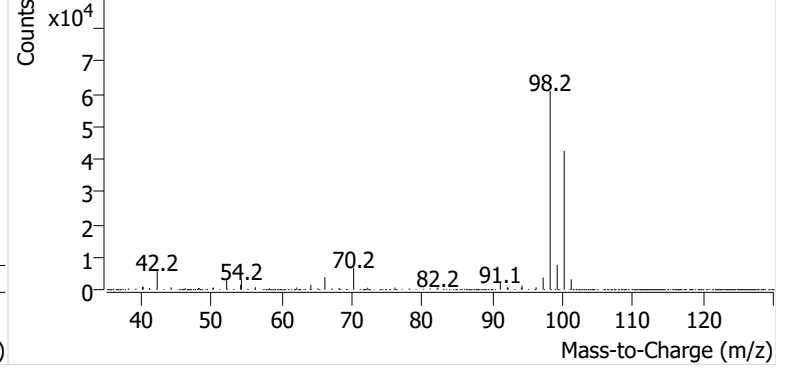


Toluene-d8 (IS)

+ EIC (98.1) Scan M2504729.d

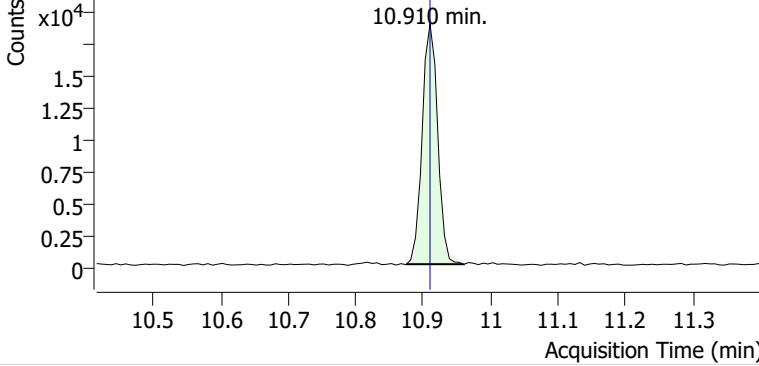


+ Scan (10.760-10.910 min, 22 scans) M2504729.d

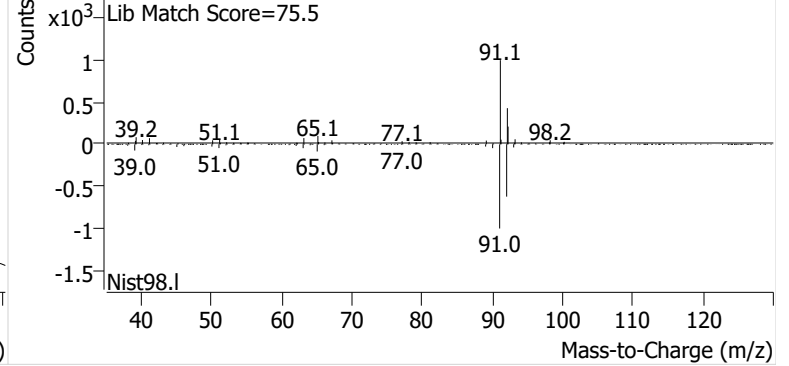


Toluene

+ EIC (91.1) Scan M2504729.d

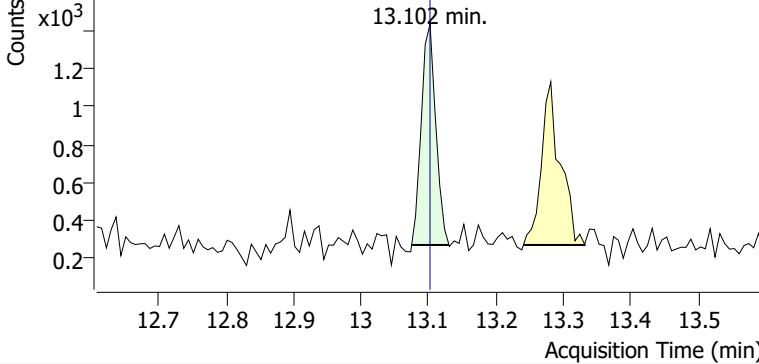


+ Scan (10.875-10.961 min, 12 scans) M2504729.d

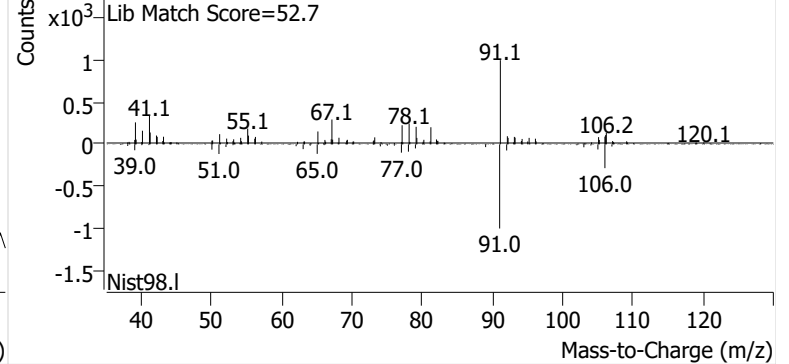


Ethylbenzene

+ EIC (91.1) Scan M2504729.d

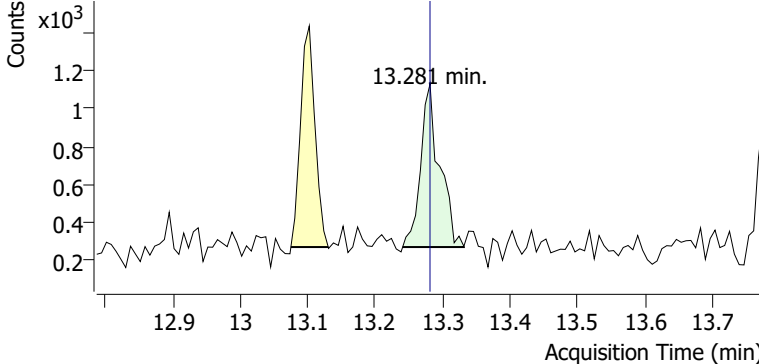


+ Scan (13.075-13.130 min, 7 scans) M2504729.d

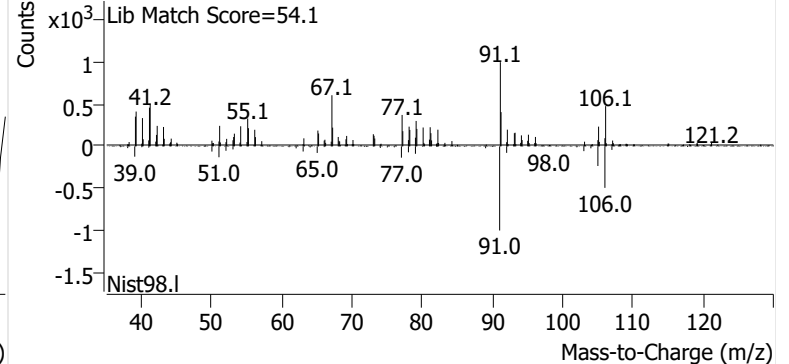


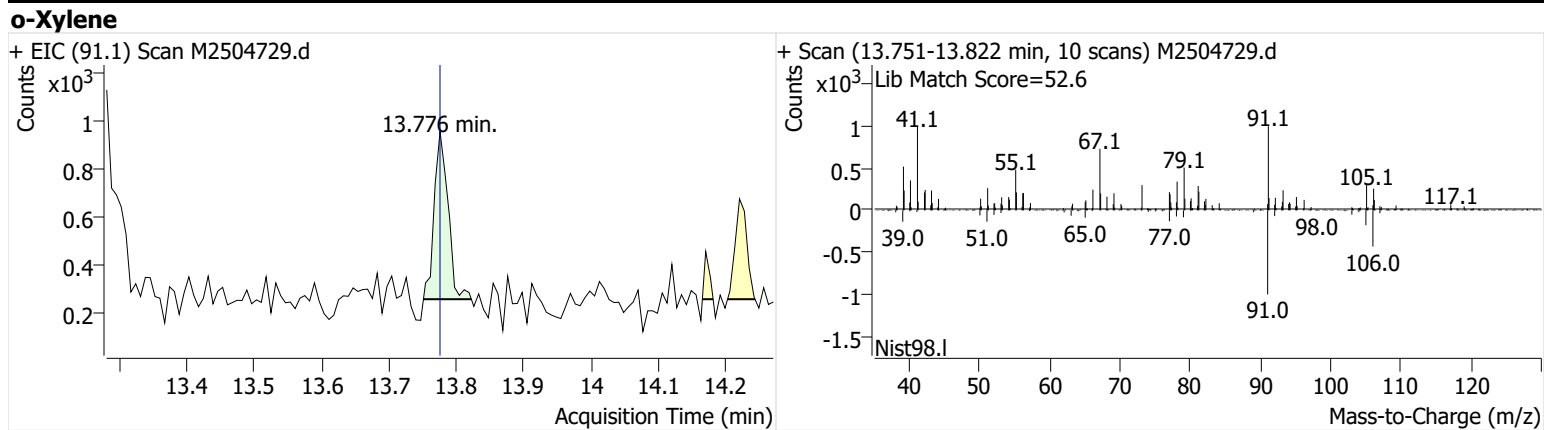
m-/p-Xylenes

+ EIC (91.1) Scan M2504729.d



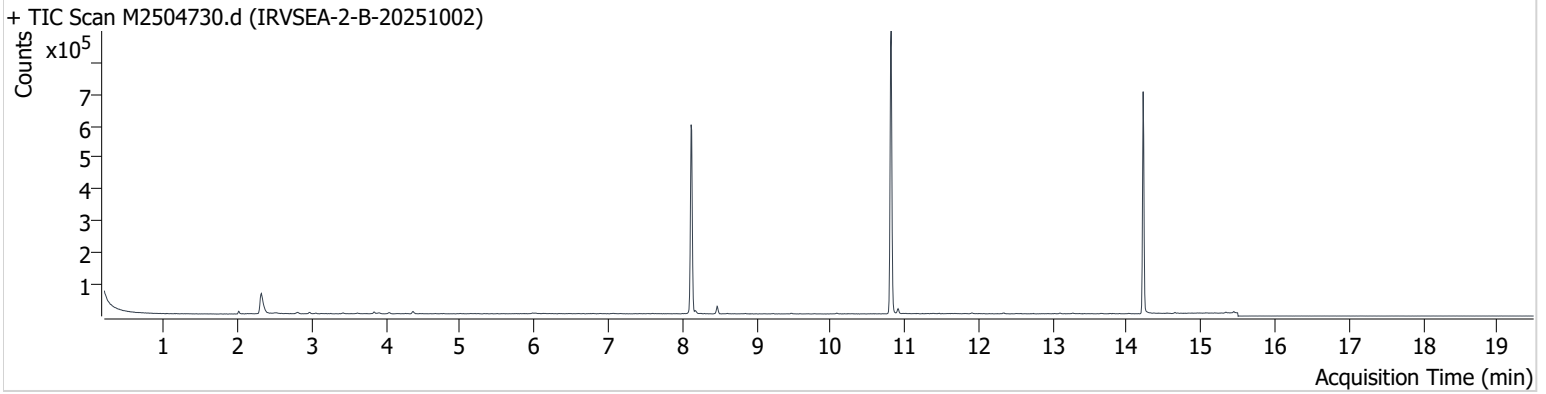
+ Scan (13.241-13.332 min, 13 scans) M2504729.d





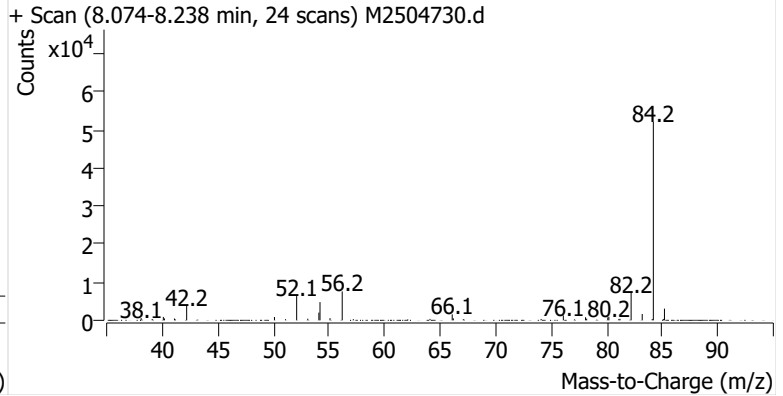
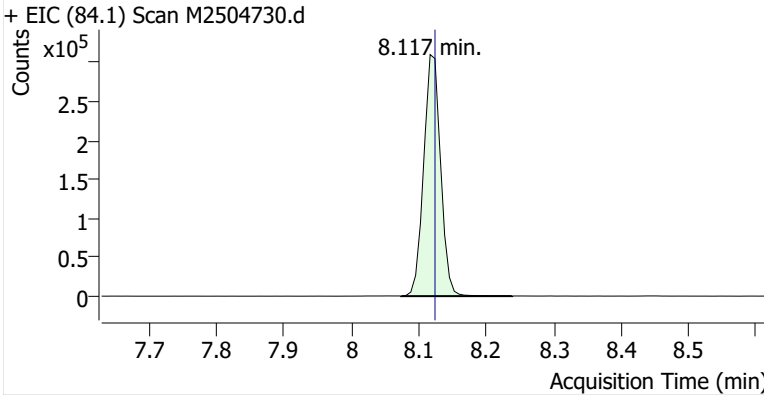
Name IRVSEA-2-B-20251002
Comment B43932
Data File M2504730.d
Acq. Date-Time 11/13/2025 7:03:20 PM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

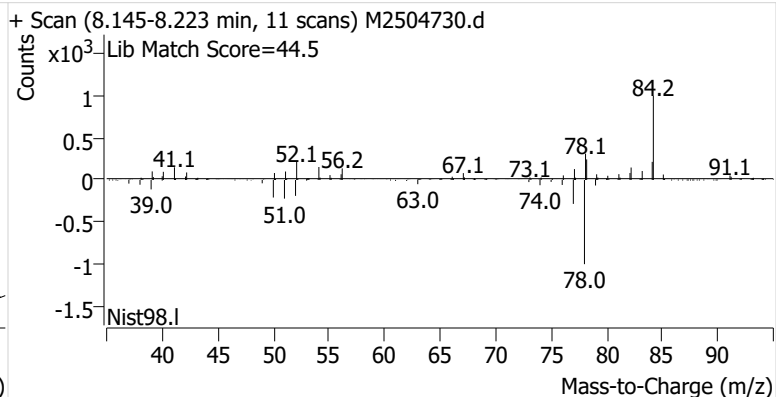
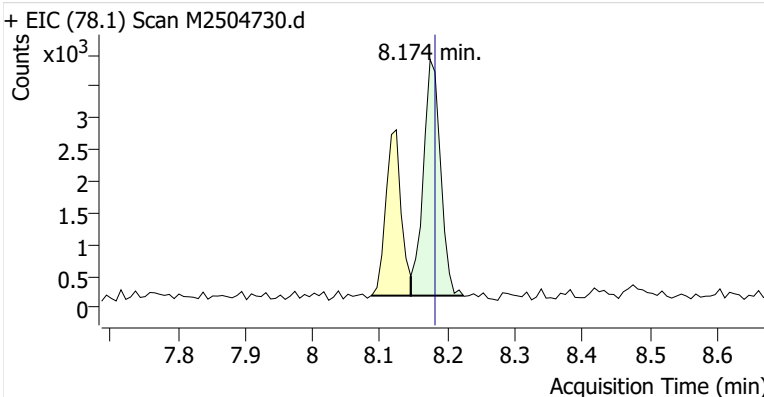


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.117	8.124	540,937	
Benzene	Benzene-d6 (IS)	8.174	8.181	6,619	
Toluene-d8 (IS)		10.817	10.817	563,625	
Toluene	Toluene-d8 (IS)	10.910	10.910	9,265	
Ethylbenzene	Toluene-d8 (IS)	13.102	13.102	1,556	
m-/p-Xylenes	Toluene-d8 (IS)	13.281	13.281	1,139	
o-Xylene	Toluene-d8 (IS)	13.768	13.776	428	

Benzene-d6 (IS)

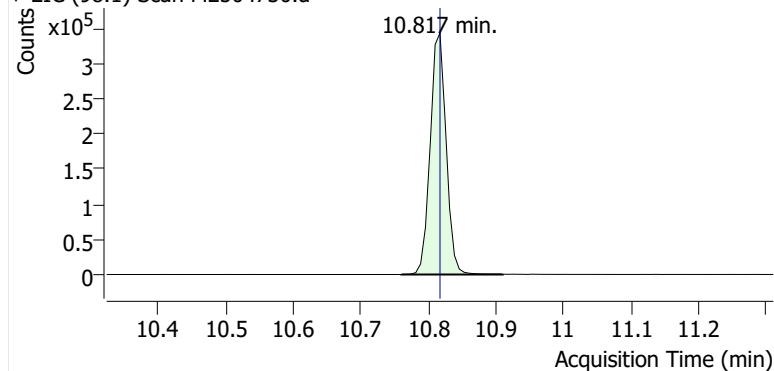


Benzene

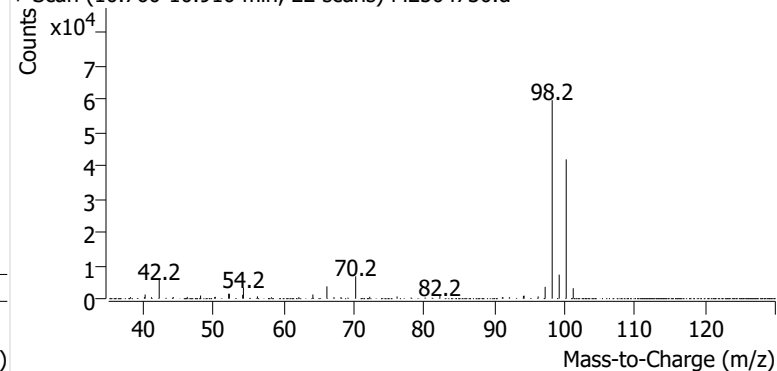


Toluene-d8 (IS)

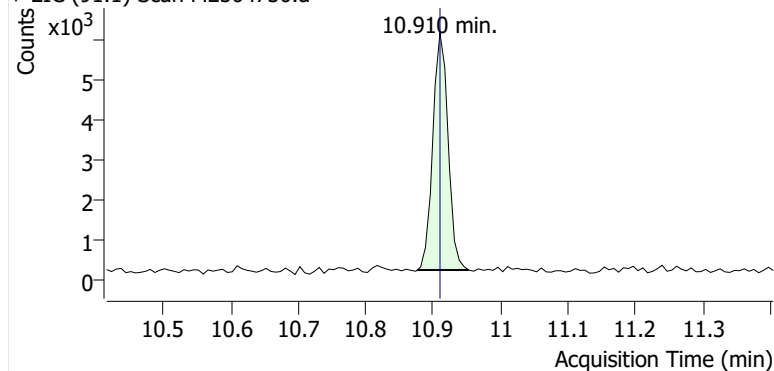
+ EIC (98.1) Scan M2504730.d



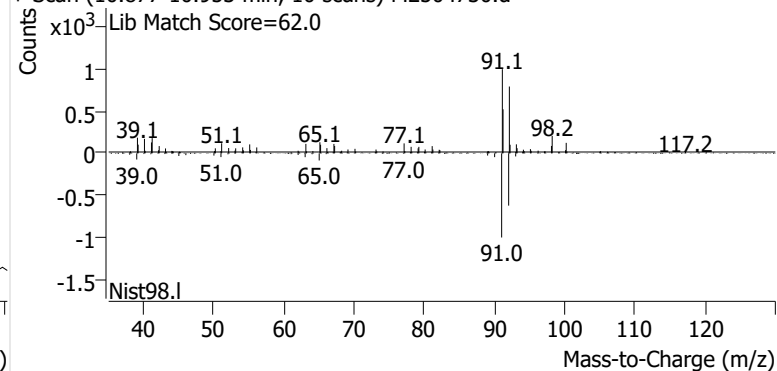
+ Scan (10.760-10.910 min, 22 scans) M2504730.d

**Toluene**

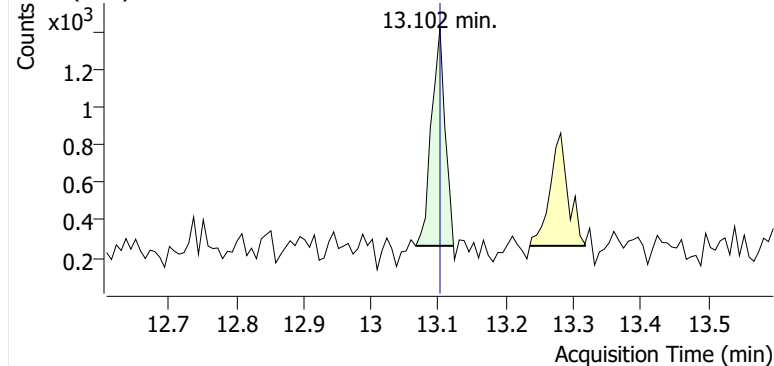
+ EIC (91.1) Scan M2504730.d



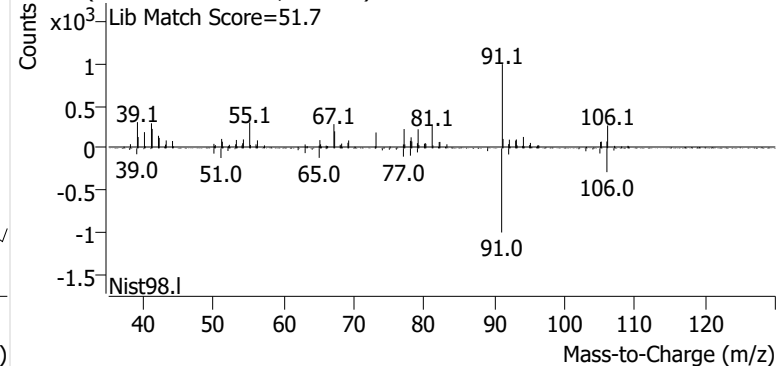
+ Scan (10.877-10.953 min, 10 scans) M2504730.d

**Ethylbenzene**

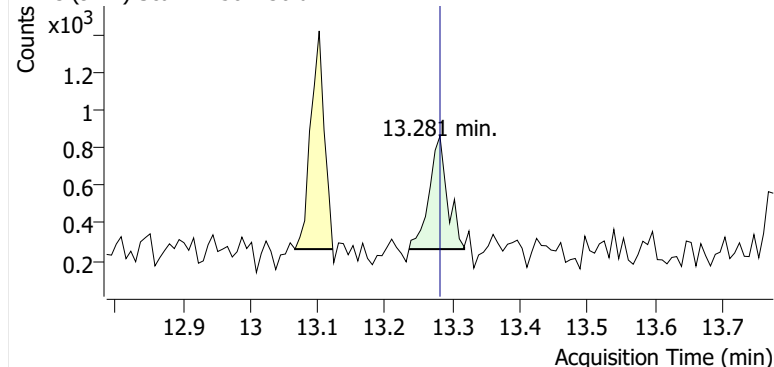
+ EIC (91.1) Scan M2504730.d



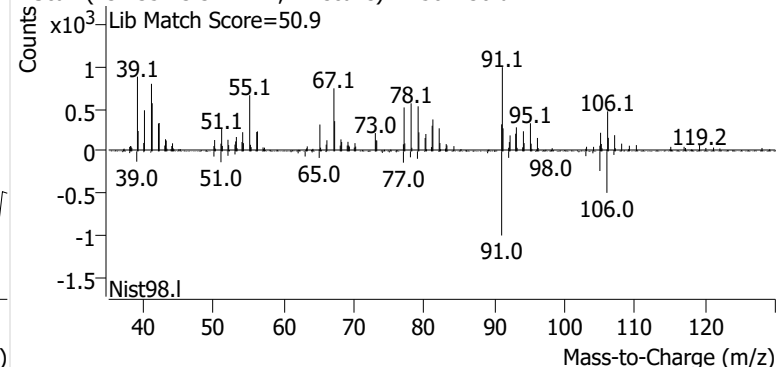
+ Scan (13.067-13.122 min, 7 scans) M2504730.d

**m-/p-Xylenes**

+ EIC (91.1) Scan M2504730.d

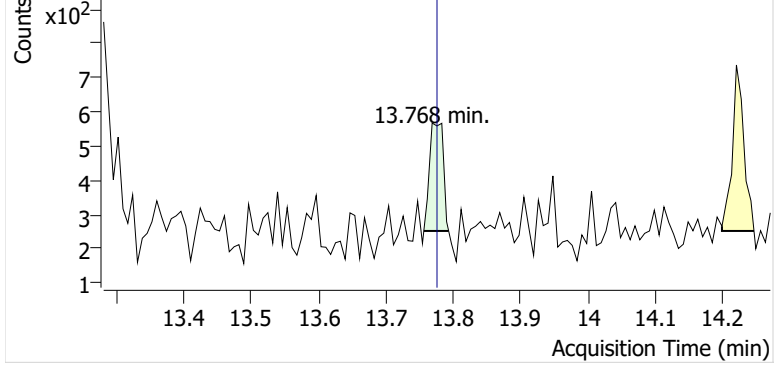


+ Scan (13.235-13.317 min, 12 scans) M2504730.d

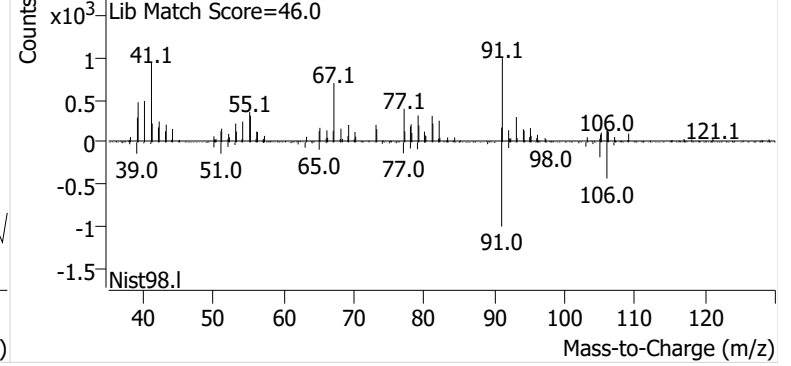


o-Xylene

+ EIC (91.1) Scan M2504730.d

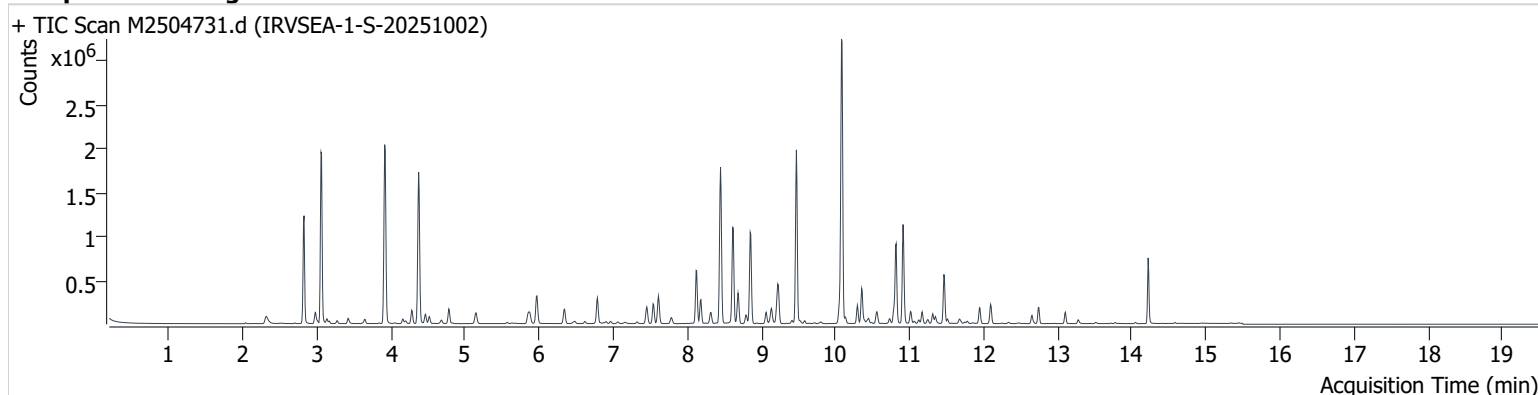


+ Scan (13.756-13.793 min, 5 scans) M2504730.d



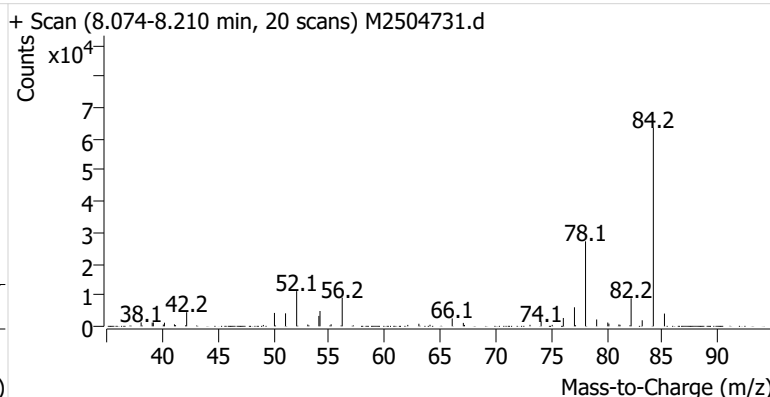
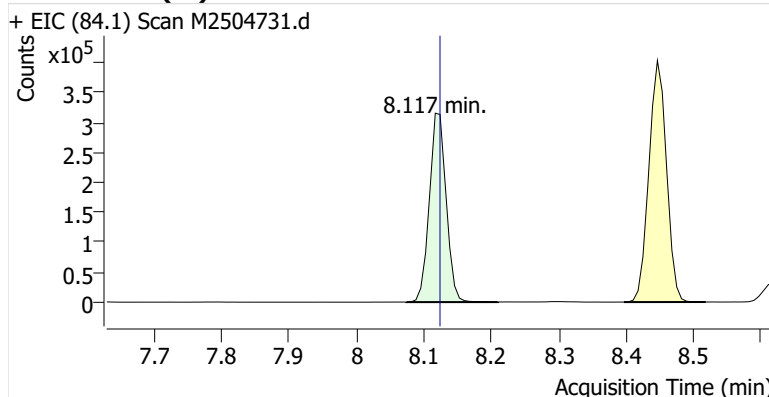
Name IRVSEA-1-S-20251002
Comment C43608
Data File M2504731.d
Acq. Date-Time 11/13/2025 7:30:06 PM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

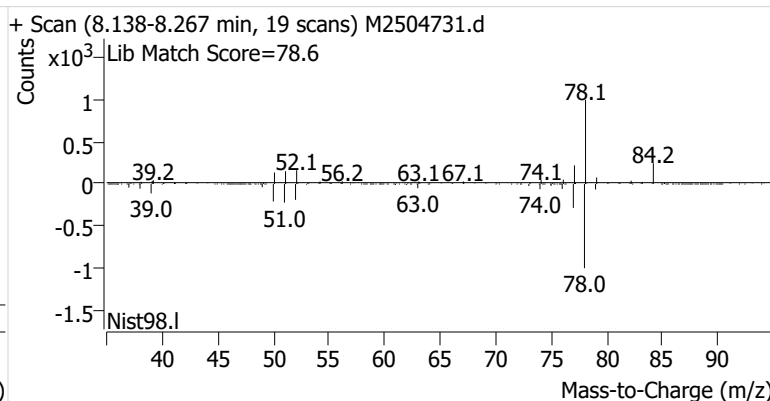
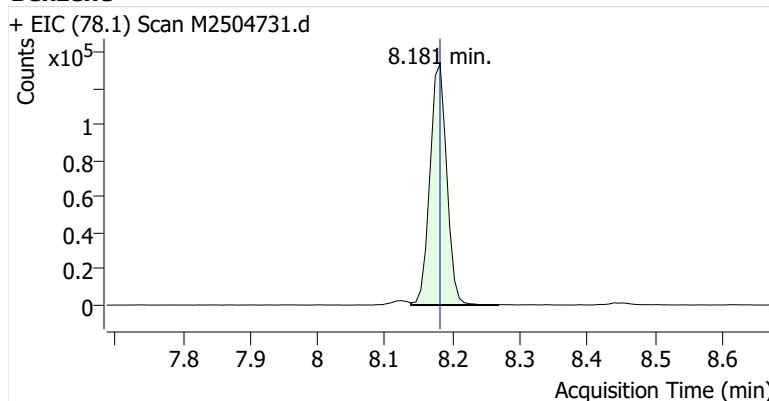


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.117	8.124	546,252	
Benzene	Benzene-d6 (IS)	8.181	8.181	230,787	
Toluene-d8 (IS)		10.817	10.817	573,778	
Toluene	Toluene-d8 (IS)	10.910	10.910	666,925	
Ethylbenzene	Toluene-d8 (IS)	13.102	13.102	90,263	
m-/p-Xylenes	Toluene-d8 (IS)	13.274	13.281	26,315	
o-Xylene	Toluene-d8 (IS)	13.776	13.776	6,184	

Benzene-d6 (IS)

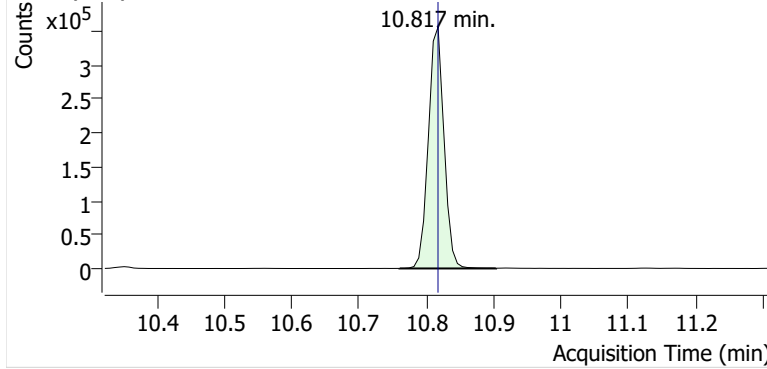


Benzene

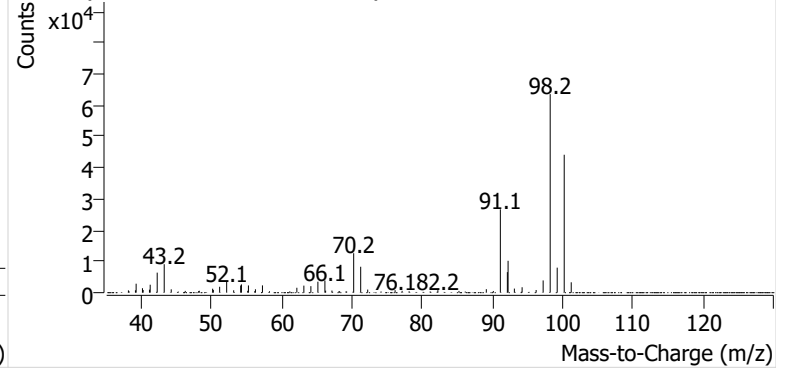


Toluene-d8 (IS)

+ EIC (98.1) Scan M2504731.d

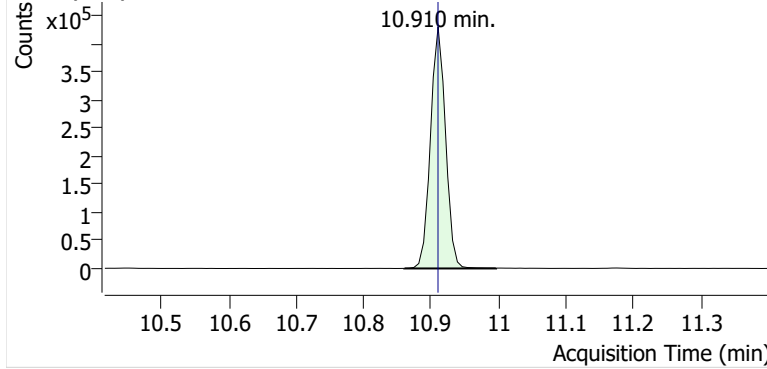


+ Scan (10.760-10.903 min, 21 scans) M2504731.d

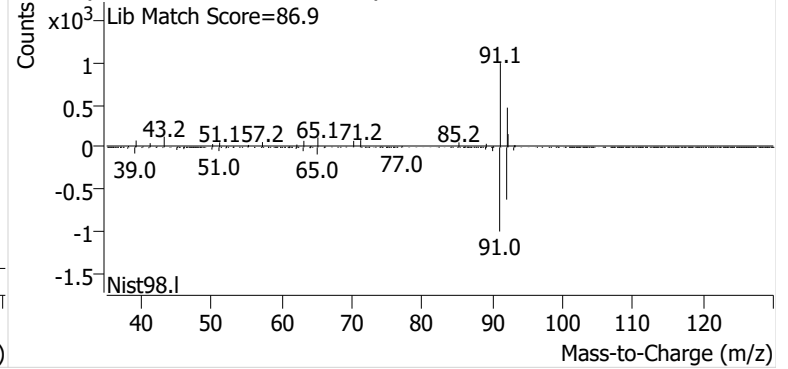


Toluene

+ EIC (91.1) Scan M2504731.d

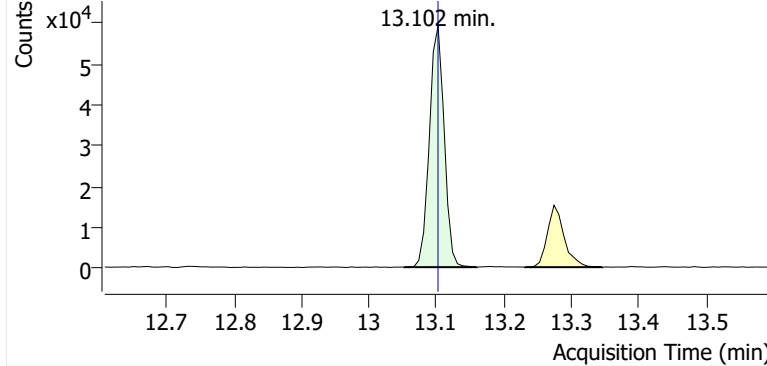


+ Scan (10.860-10.996 min, 20 scans) M2504731.d

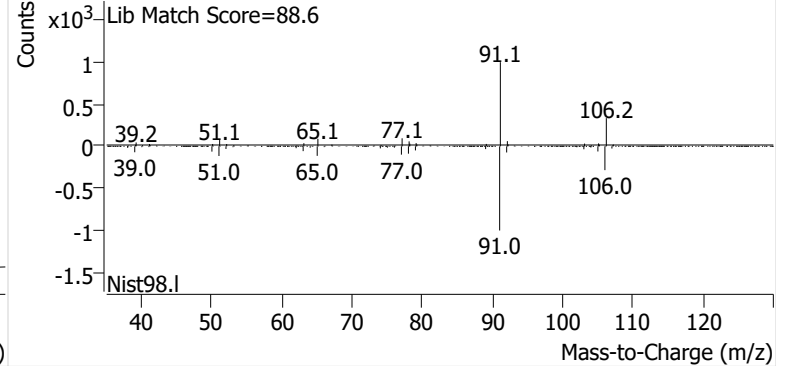


Ethylbenzene

+ EIC (91.1) Scan M2504731.d

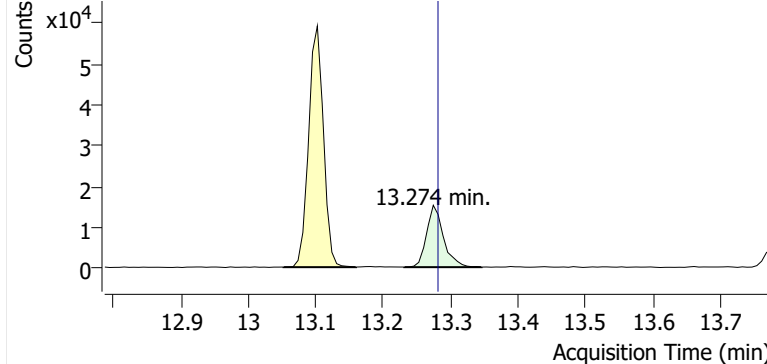


+ Scan (13.052-13.160 min, 16 scans) M2504731.d

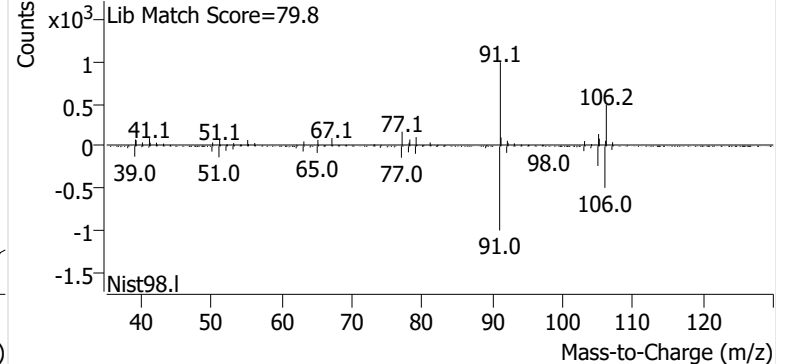


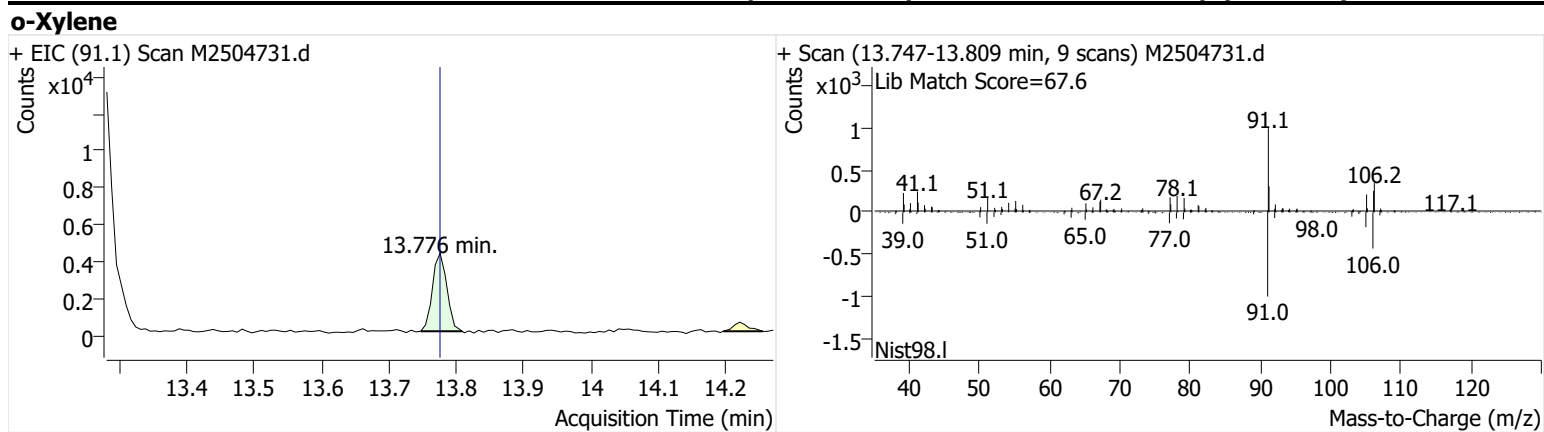
m-/p-Xylenes

+ EIC (91.1) Scan M2504731.d



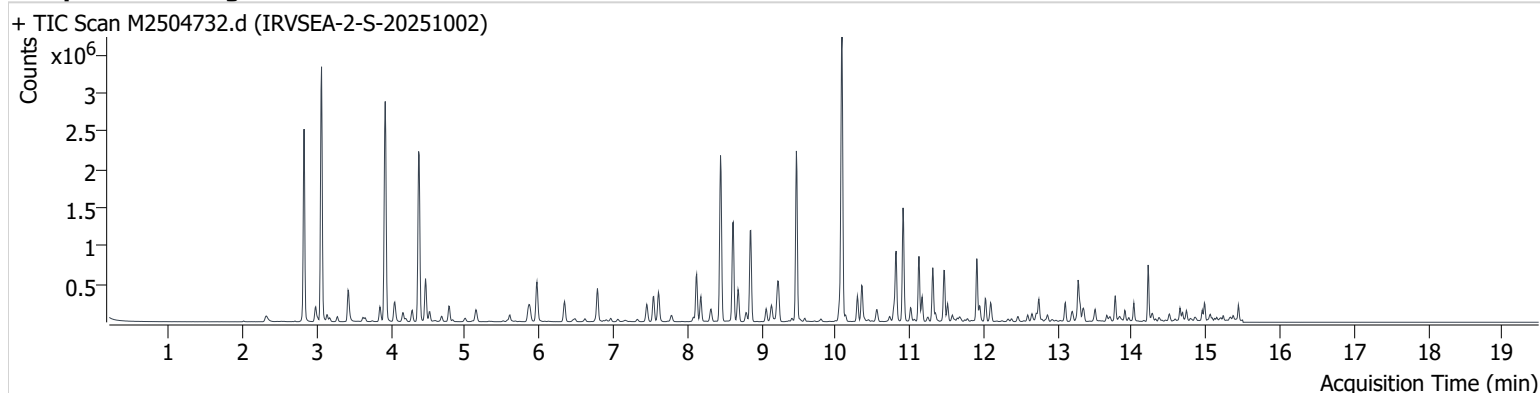
+ Scan (13.231-13.346 min, 17 scans) M2504731.d





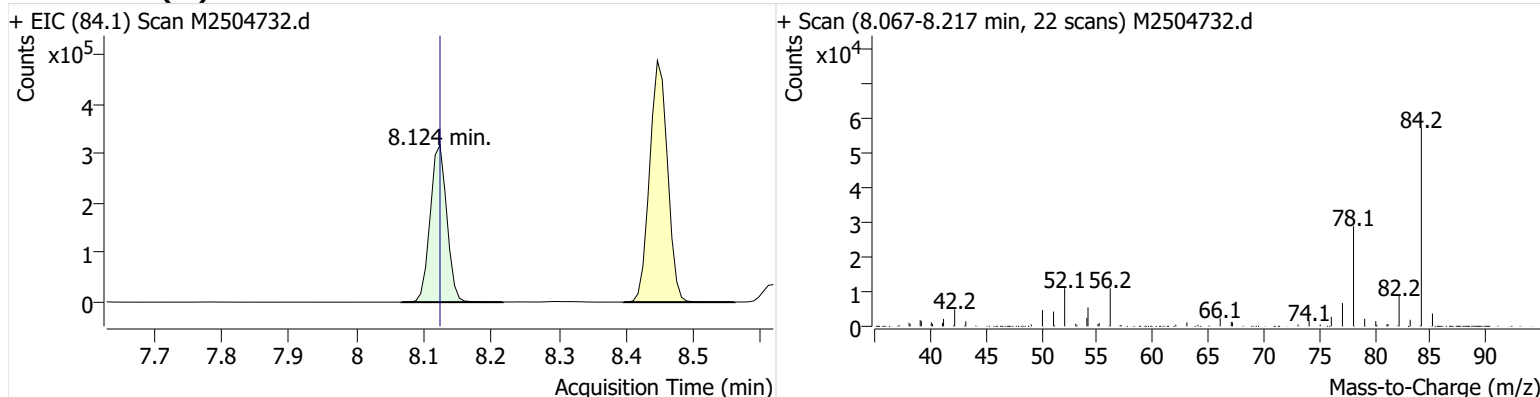
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Comment C20383
Data File M2504732.d
Acq. Date-Time 11/13/2025 7:56:56 PM
Acq. Method File M325B-MTD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

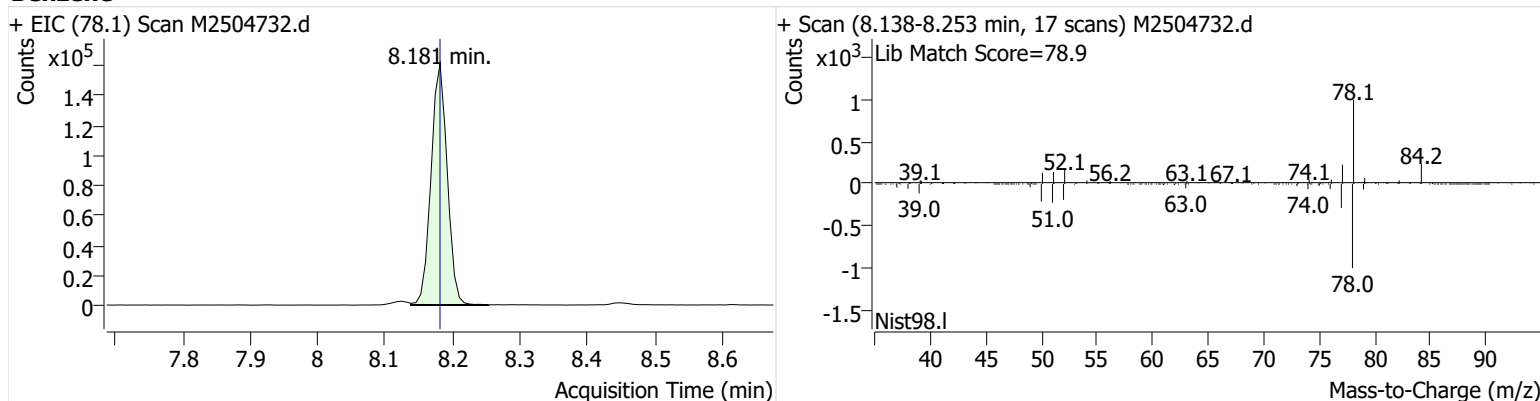


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.124	8.124	544,092	
Benzene	Benzene-d6 (IS)	8.181	8.181	269,124	
Toluene-d8 (IS)		10.817	10.817	569,687	
Toluene	Toluene-d8 (IS)	10.910	10.910	900,884	
Ethylbenzene	Toluene-d8 (IS)	13.102	13.102	161,155	
m-/p-Xylenes	Toluene-d8 (IS)	13.274	13.281	385,593	
o-Xylene	Toluene-d8 (IS)	13.776	13.776	137,788	

Benzene-d6 (IS)

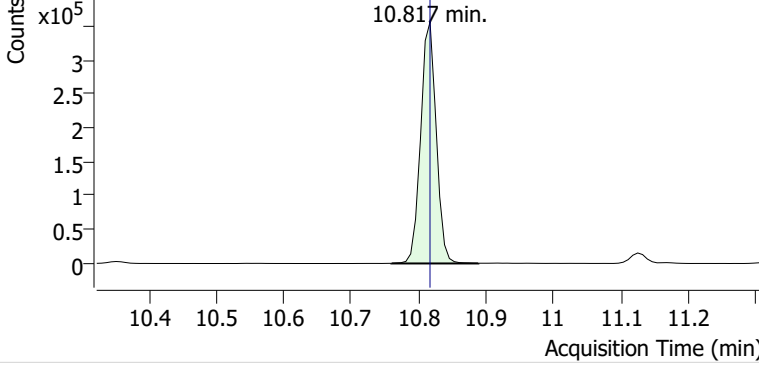


Benzene

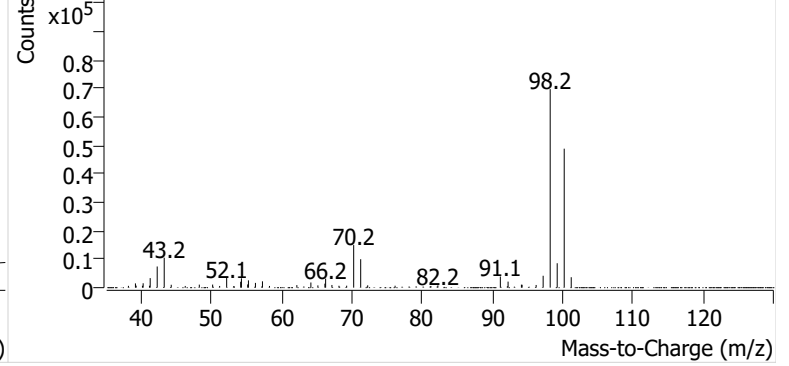


Toluene-d8 (IS)

+ EIC (98.1) Scan M2504732.d

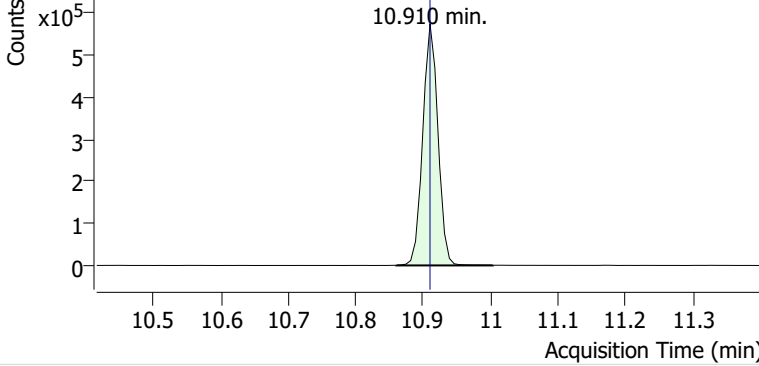


+ Scan (10.760-10.889 min, 19 scans) M2504732.d

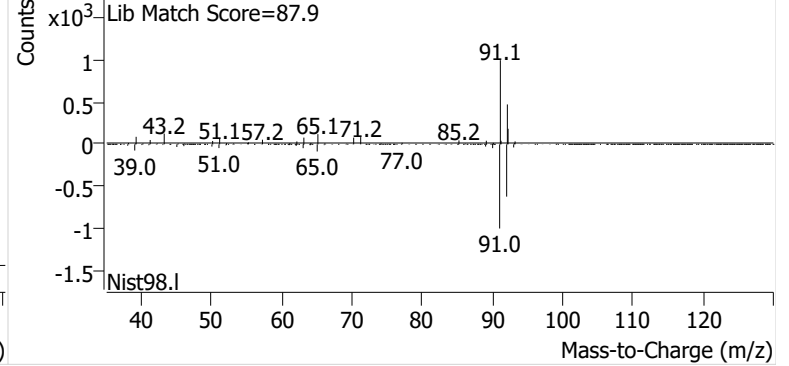


Toluene

+ EIC (91.1) Scan M2504732.d

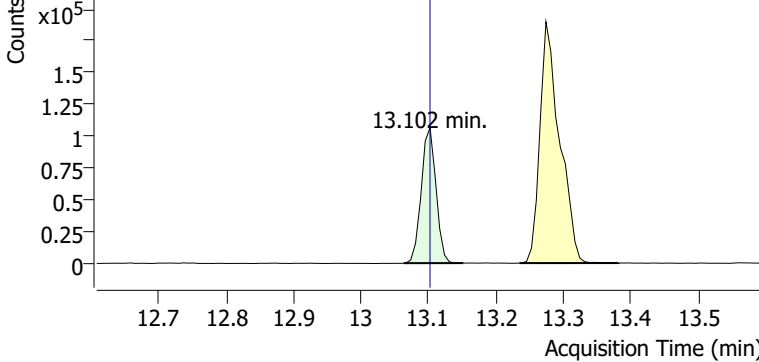


+ Scan (10.860-11.004 min, 21 scans) M2504732.d

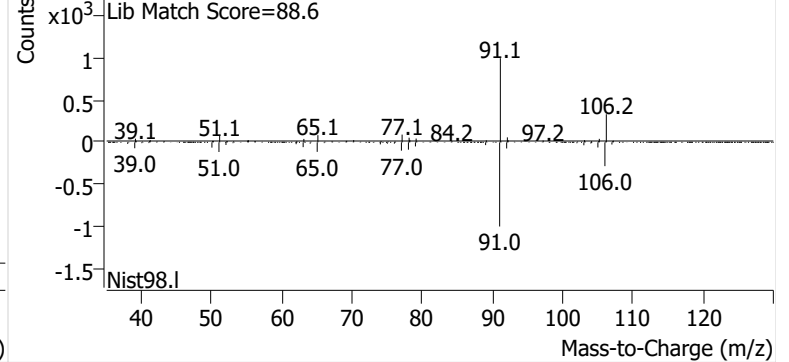


Ethylbenzene

+ EIC (91.1) Scan M2504732.d

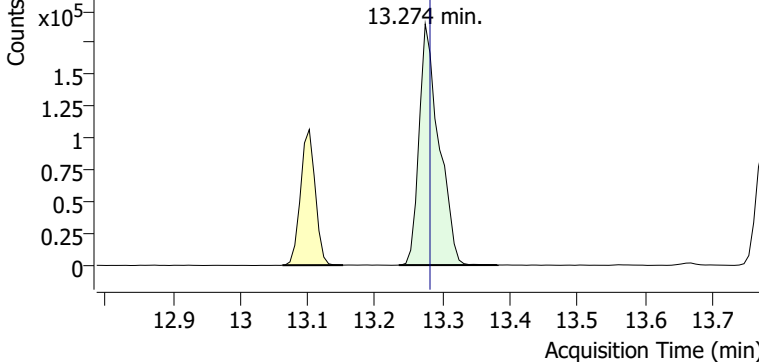


+ Scan (13.063-13.152 min, 12 scans) M2504732.d

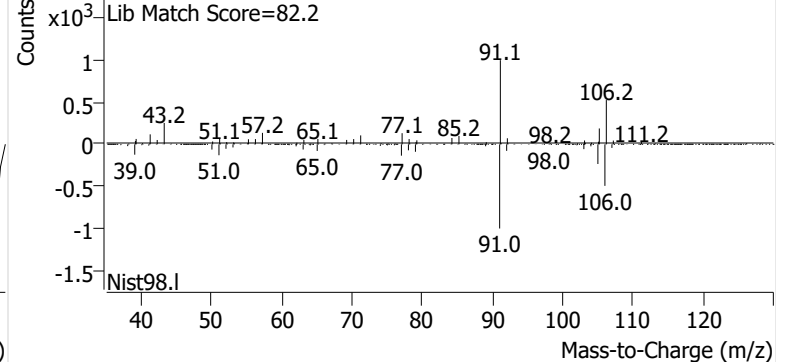


m-/p-Xylenes

+ EIC (91.1) Scan M2504732.d

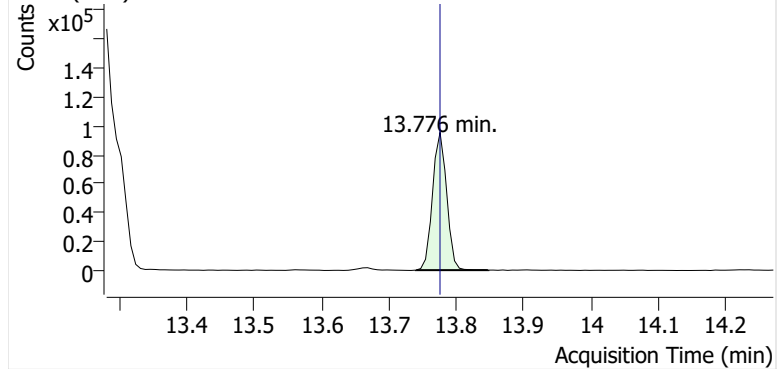


+ Scan (13.235-13.382 min, 21 scans) M2504732.d

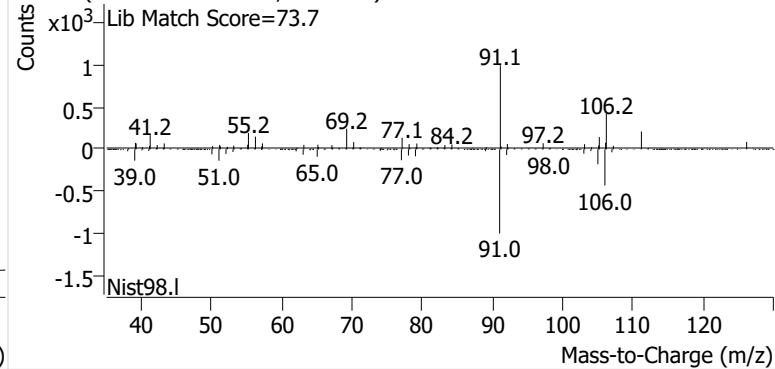


o-Xylene

+ EIC (91.1) Scan M2504732.d

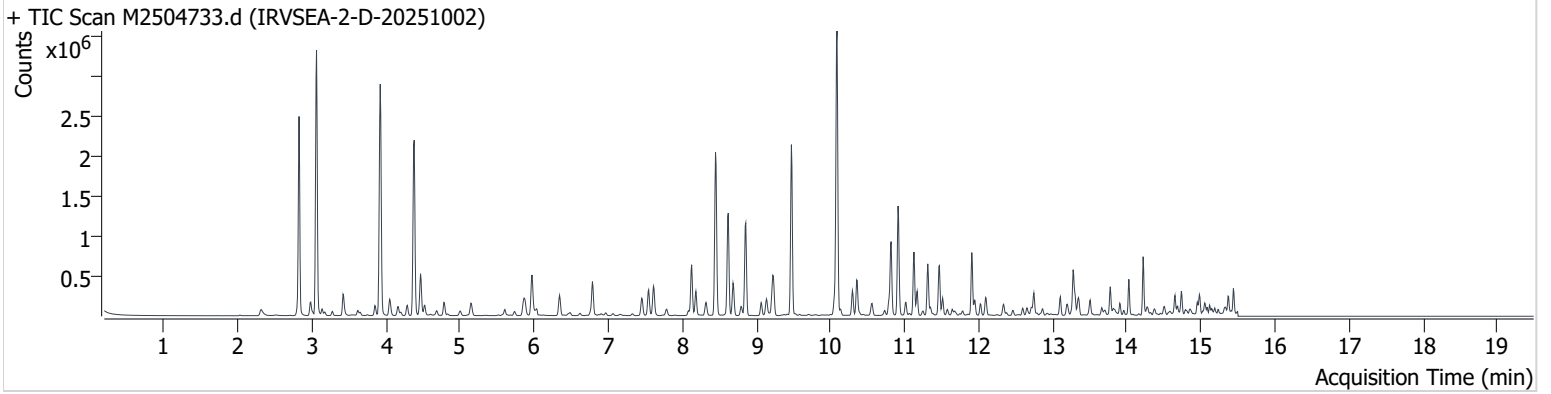


+ Scan (13.740-13.847 min, 16 scans) M2504732.d



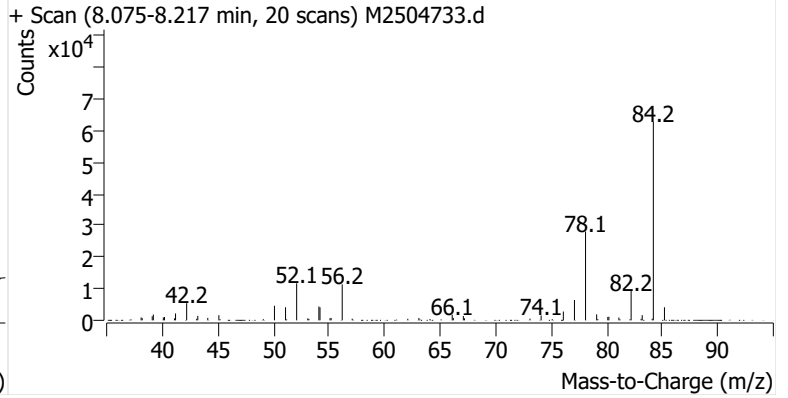
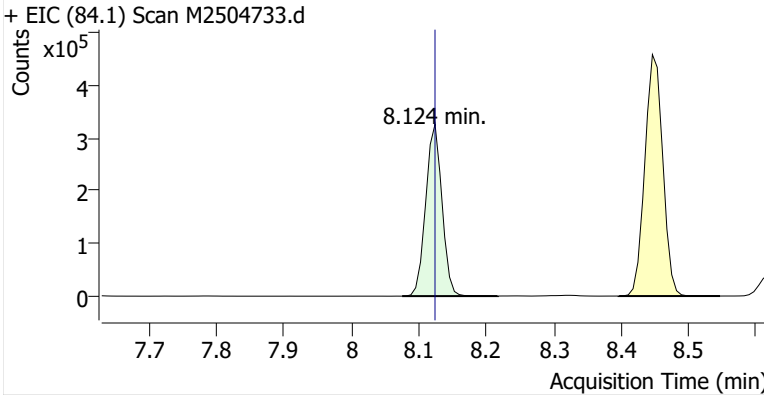
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Comment C70535
Data File M2504733.d
Acq. Date-Time 11/13/2025 8:23:48 PM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

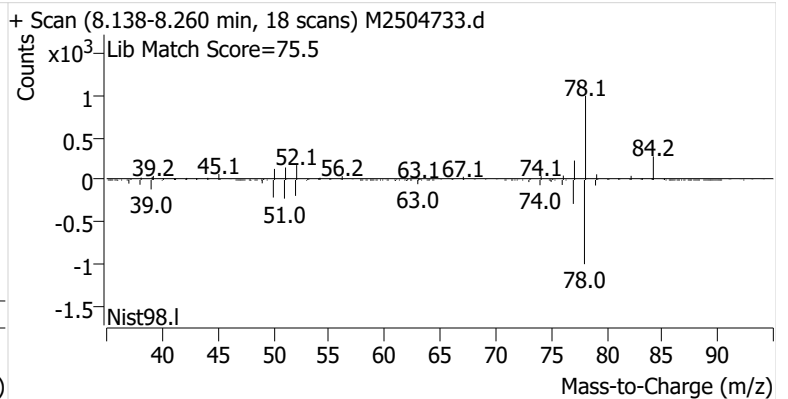
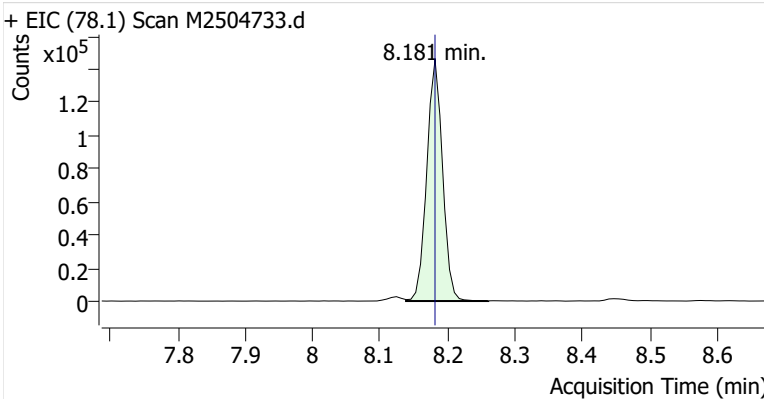


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.124	8.124	543,938	
Benzene	Benzene-d6 (IS)	8.181	8.181	237,388	
Toluene-d8 (IS)		10.817	10.817	572,193	
Toluene	Toluene-d8 (IS)	10.910	10.910	838,029	
Ethylbenzene	Toluene-d8 (IS)	13.102	13.102	147,663	
m-/p-Xylenes	Toluene-d8 (IS)	13.274	13.281	409,983	
o-Xylene	Toluene-d8 (IS)	13.776	13.776	144,585	

Benzene-d6 (IS)

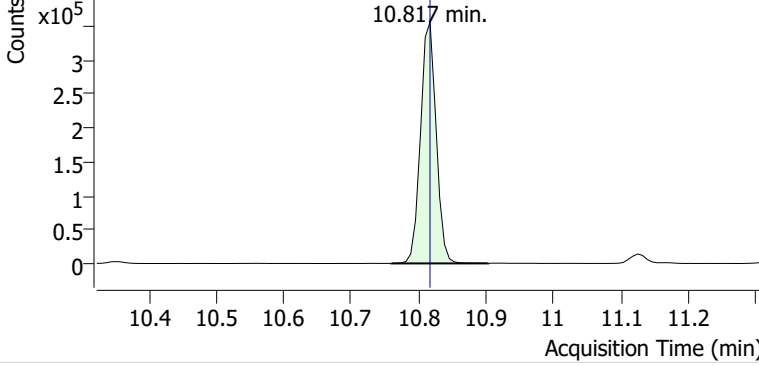


Benzene

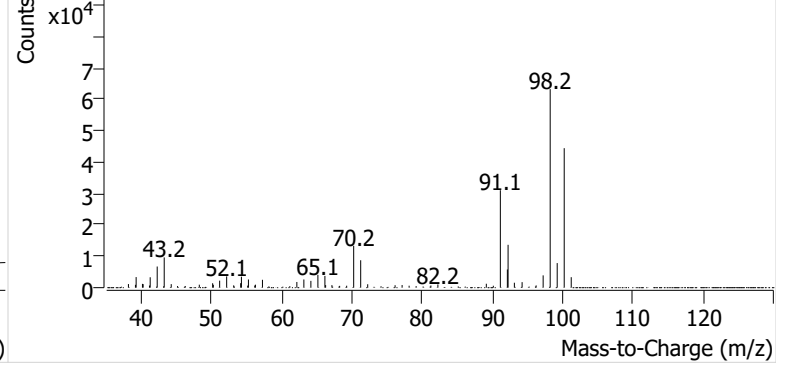


Toluene-d8 (IS)

+ EIC (98.1) Scan M2504733.d

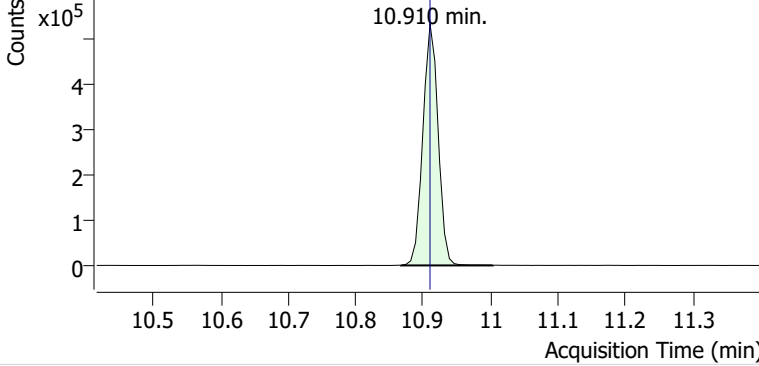


+ Scan (10.760-10.903 min, 21 scans) M2504733.d

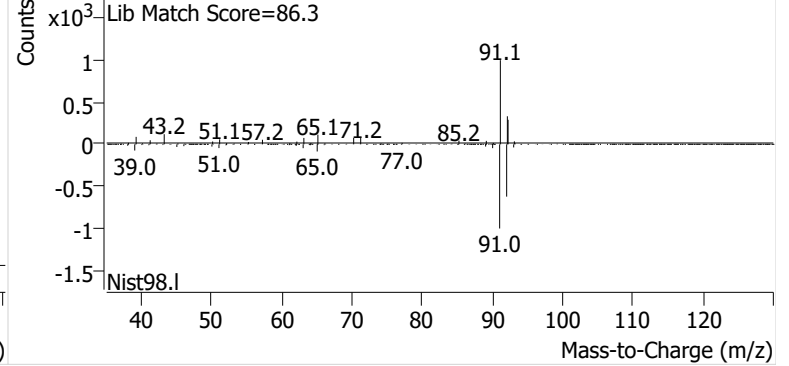


Toluene

+ EIC (91.1) Scan M2504733.d

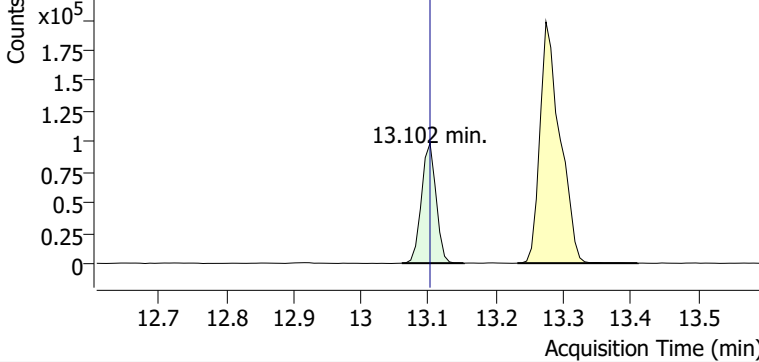


+ Scan (10.867-11.004 min, 20 scans) M2504733.d

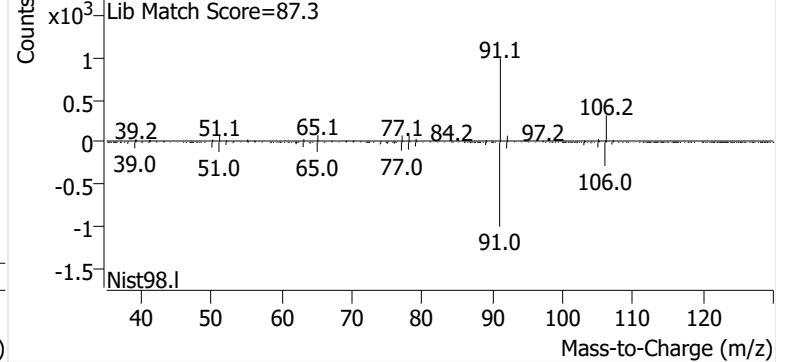


Ethylbenzene

+ EIC (91.1) Scan M2504733.d

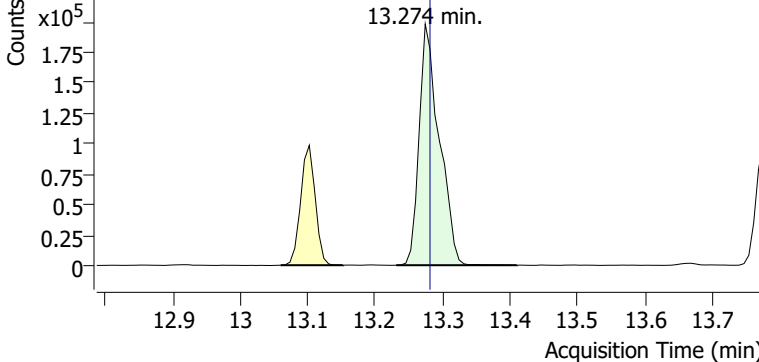


+ Scan (13.060-13.152 min, 13 scans) M2504733.d

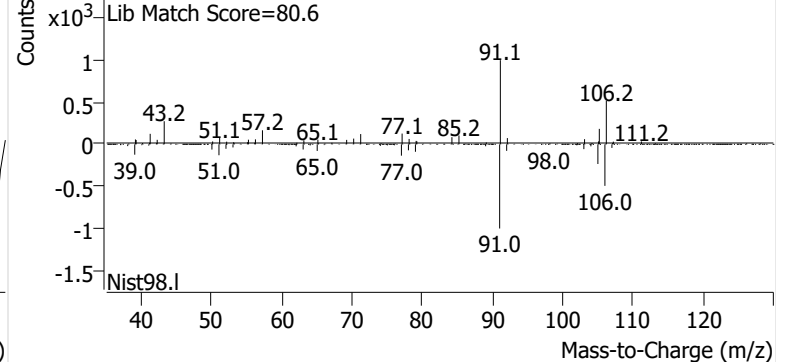


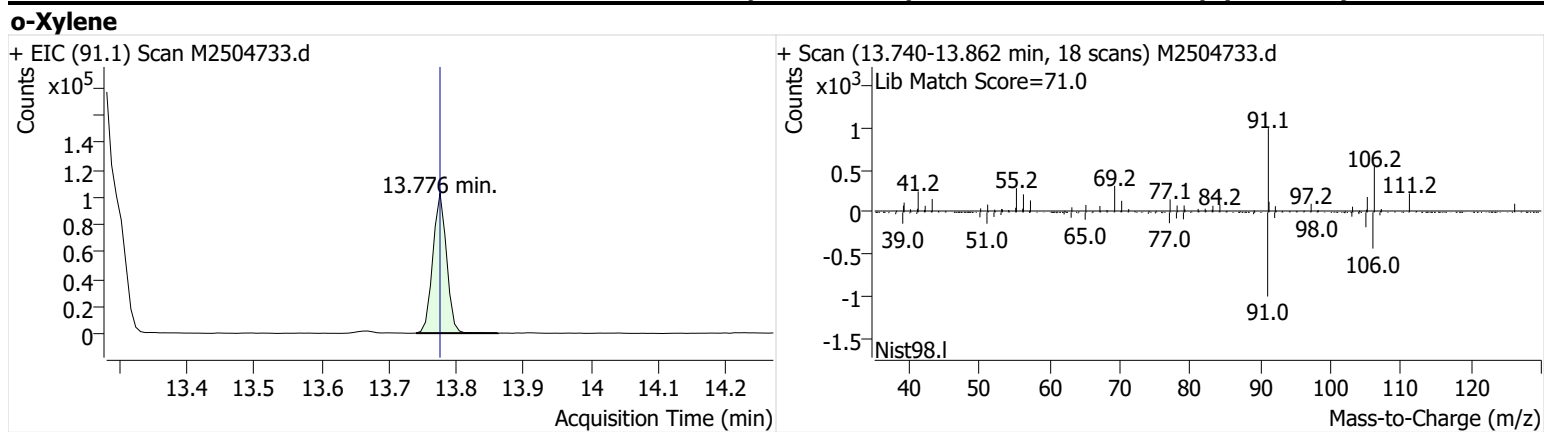
m-/p-Xylenes

+ EIC (91.1) Scan M2504733.d



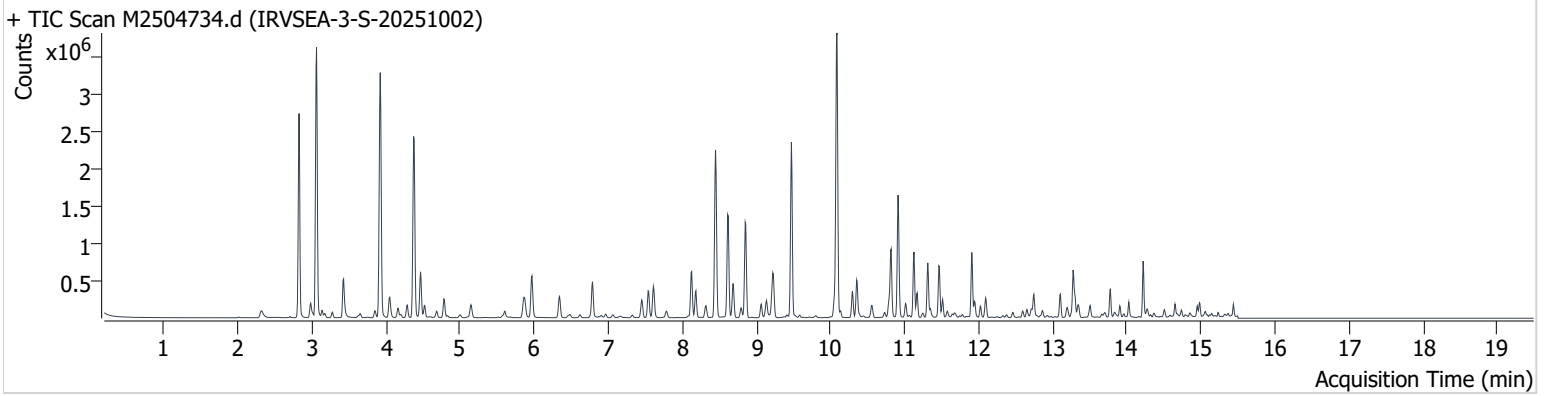
+ Scan (13.231-13.410 min, 26 scans) M2504733.d





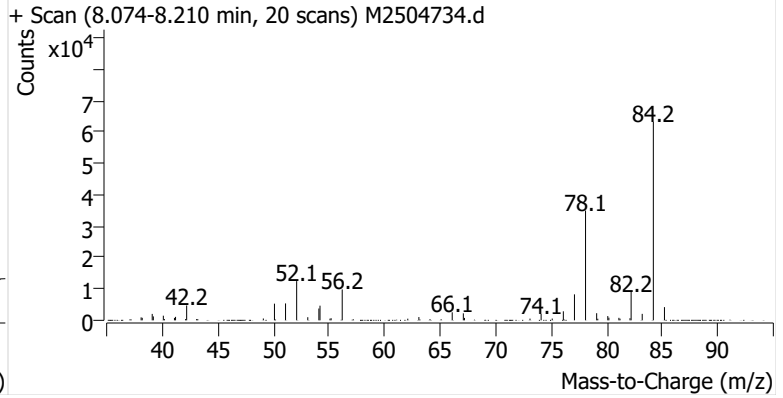
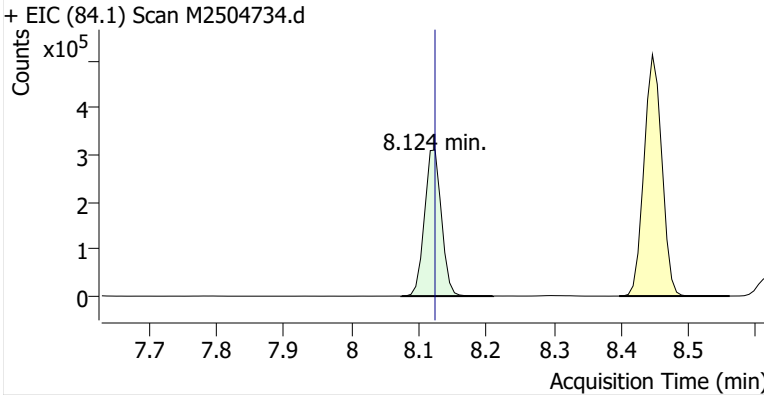
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Comment B31644
Data File M2504734.d
Acq. Date-Time 11/13/2025 8:51:37 PM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

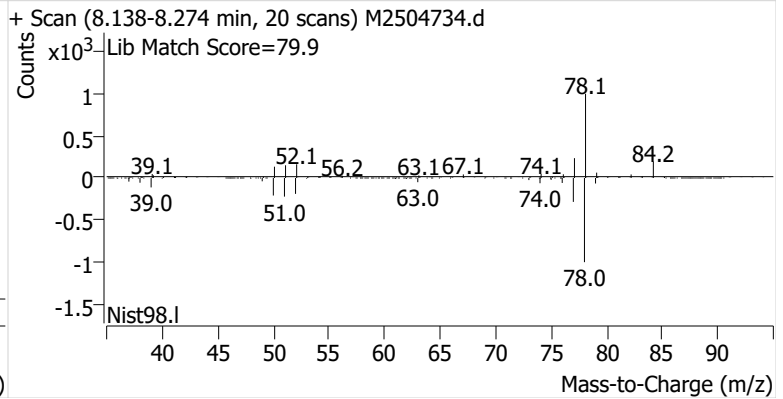
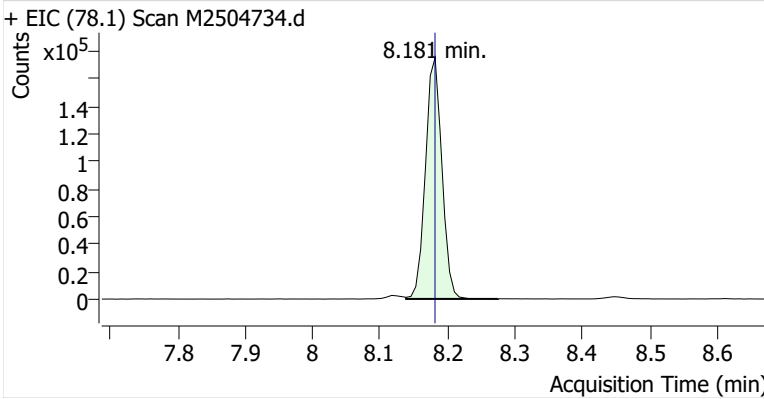


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.124	8.124	543,555	
Benzene	Benzene-d6 (IS)	8.181	8.181	296,347	
Toluene-d8 (IS)		10.817	10.817	567,983	
Toluene	Toluene-d8 (IS)	10.911	10.910	998,246	
Ethylbenzene	Toluene-d8 (IS)	13.102	13.102	211,307	
m-/p-Xylenes	Toluene-d8 (IS)	13.274	13.281	452,587	
o-Xylene	Toluene-d8 (IS)	13.776	13.776	159,384	

Benzene-d6 (IS)

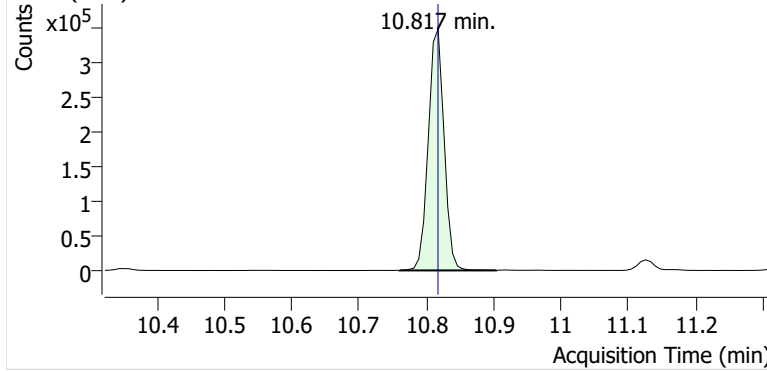


Benzene

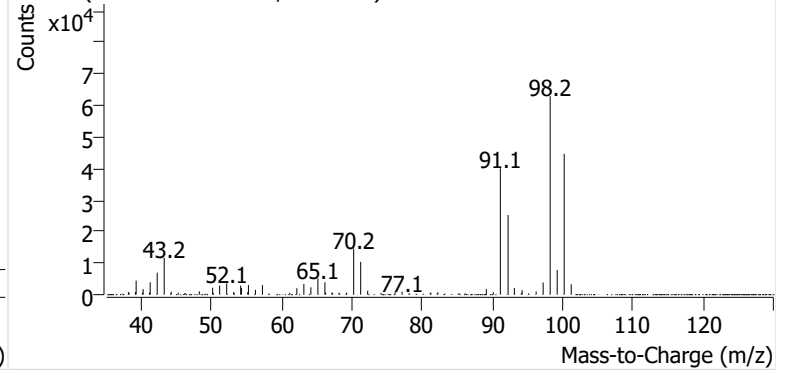


Toluene-d8 (IS)

+ EIC (98.1) Scan M2504734.d

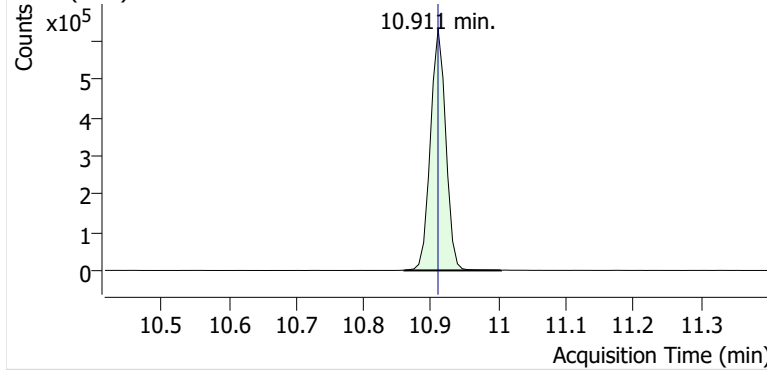


+ Scan (10.760-10.903 min, 21 scans) M2504734.d

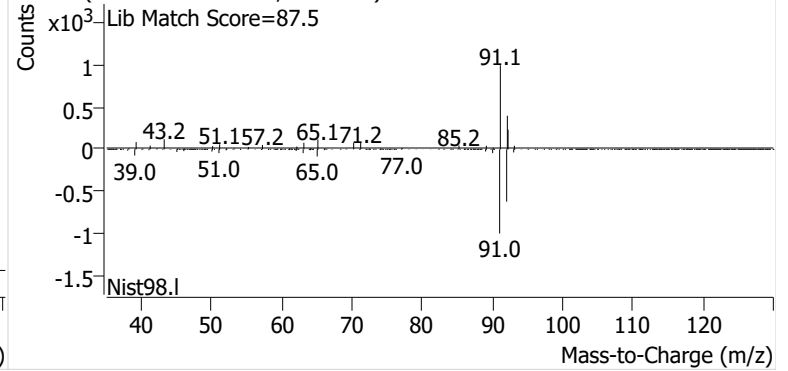


Toluene

+ EIC (91.1) Scan M2504734.d

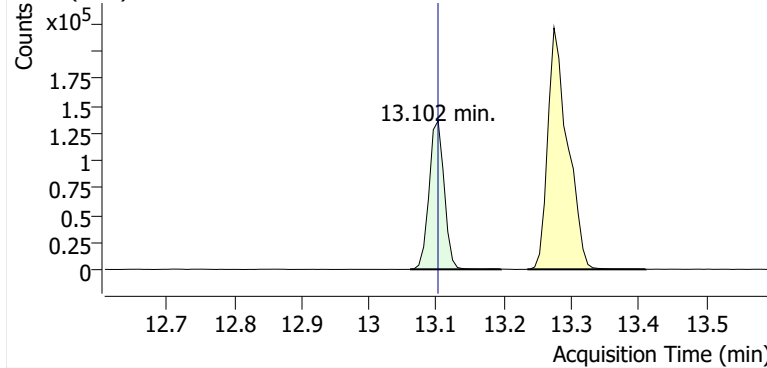


+ Scan (10.860-11.004 min, 21 scans) M2504734.d

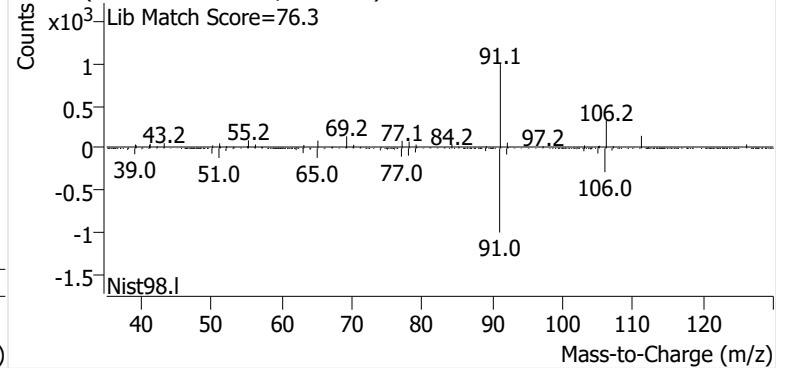


Ethylbenzene

+ EIC (91.1) Scan M2504734.d

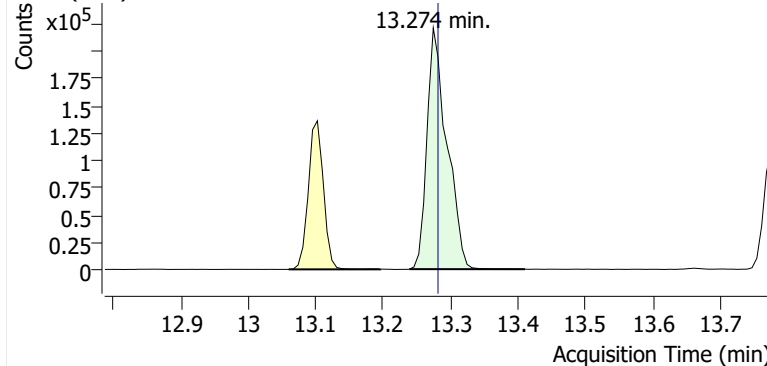


+ Scan (13.061-13.196 min, 19 scans) M2504734.d

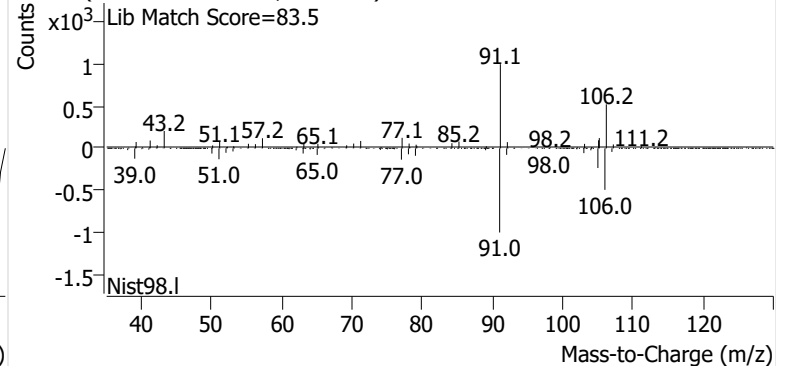


m-/p-Xylenes

+ EIC (91.1) Scan M2504734.d

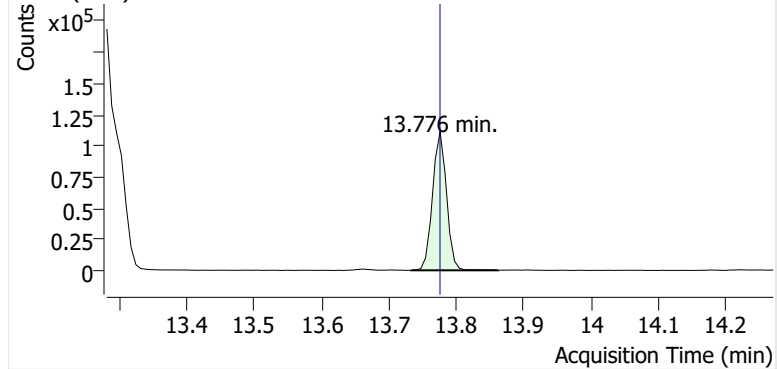


+ Scan (13.239-13.410 min, 24 scans) M2504734.d

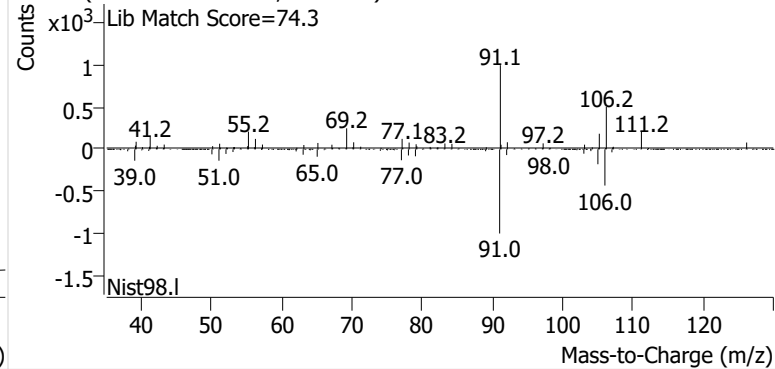


o-Xylene

+ EIC (91.1) Scan M2504734.d

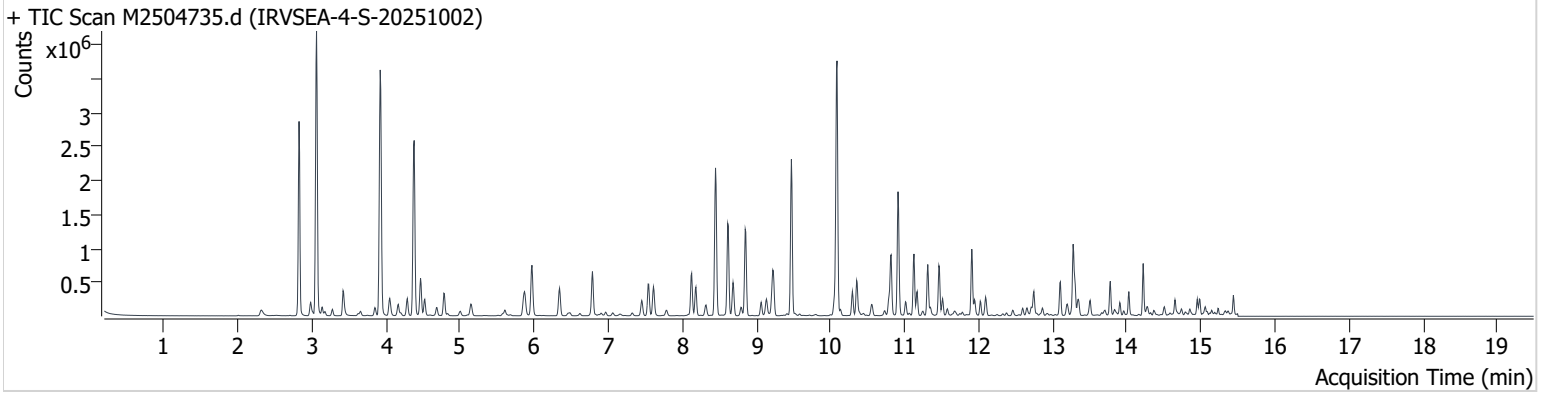


+ Scan (13.733-13.862 min, 19 scans) M2504734.d



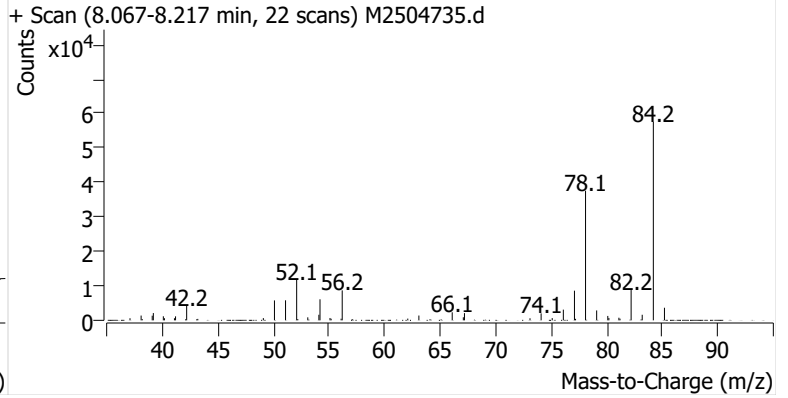
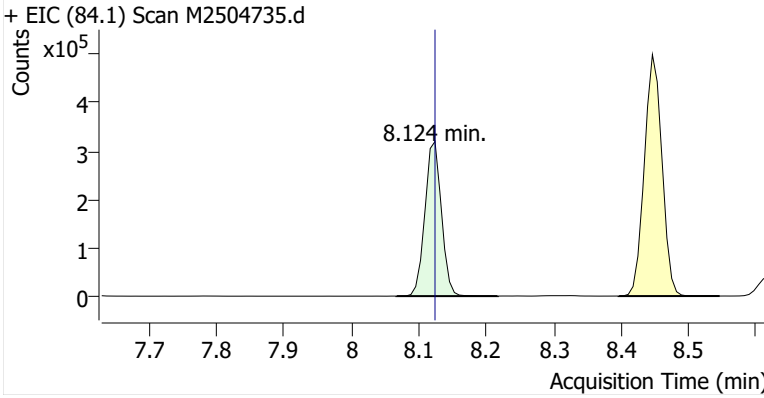
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Comment C43634
Data File M2504735.d
Acq. Date-Time 11/13/2025 9:19:28 PM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

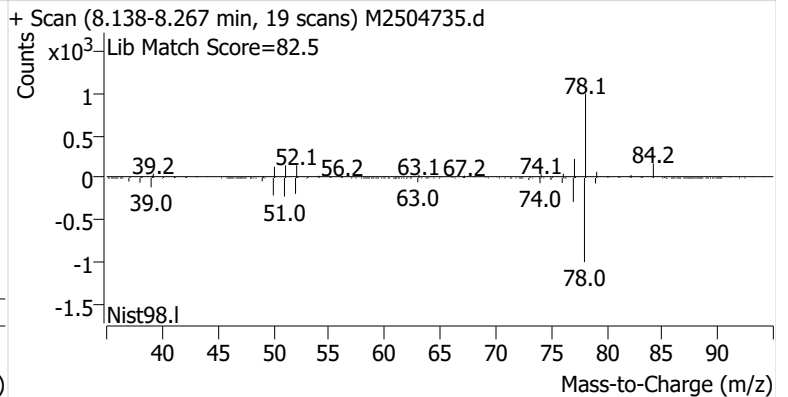
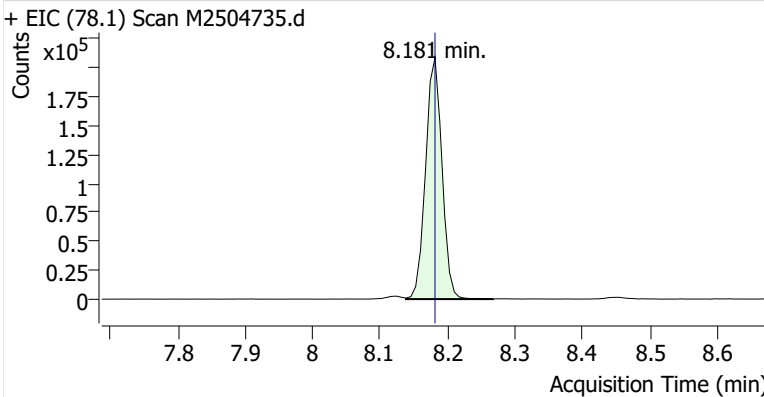


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.124	8.124	543,817	
Benzene	Benzene-d6 (IS)	8.181	8.181	352,275	
Toluene-d8 (IS)		10.817	10.817	562,265	
Toluene	Toluene-d8 (IS)	10.910	10.910	1,109,591	
Ethylbenzene	Toluene-d8 (IS)	13.102	13.102	343,333	
m-/p-Xylenes	Toluene-d8 (IS)	13.274	13.281	785,350	
o-Xylene	Toluene-d8 (IS)	13.776	13.776	221,830	

Benzene-d6 (IS)

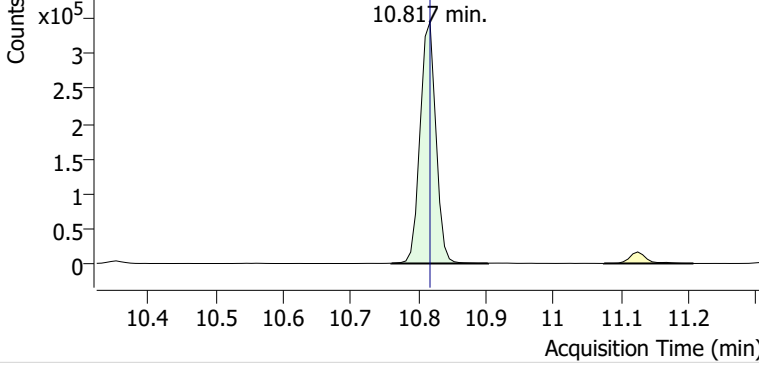


Benzene

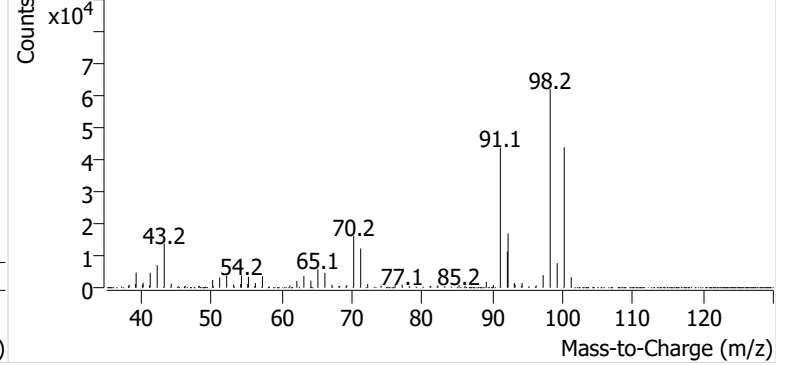


Toluene-d8 (IS)

+ EIC (98.1) Scan M2504735.d

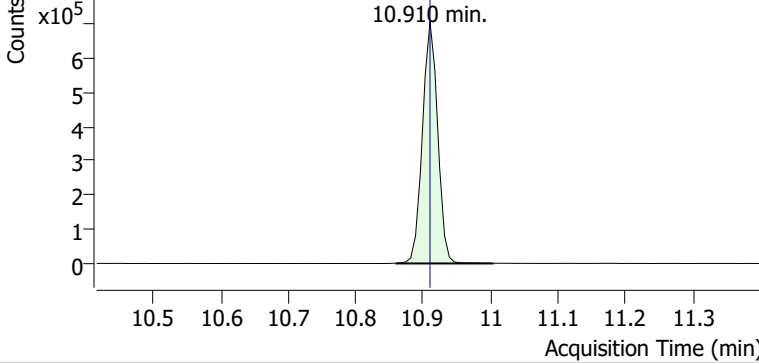


+ Scan (10.760-10.903 min, 21 scans) M2504735.d

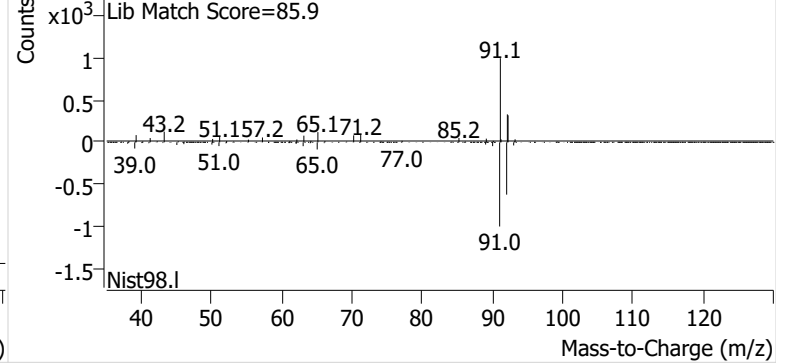


Toluene

+ EIC (91.1) Scan M2504735.d

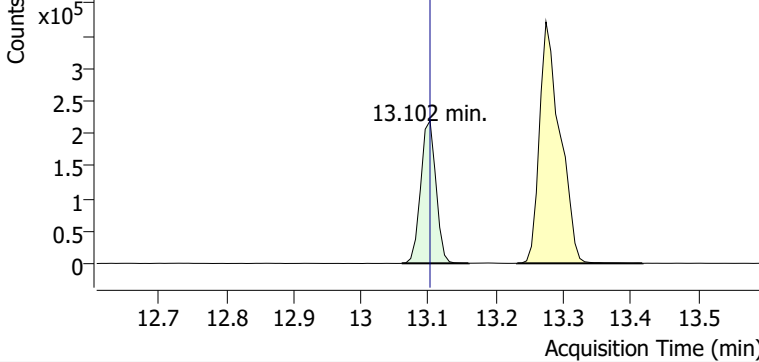


+ Scan (10.860-11.004 min, 21 scans) M2504735.d

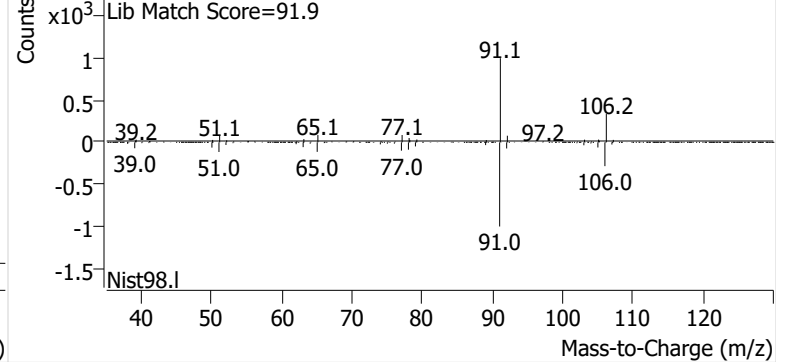


Ethylbenzene

+ EIC (91.1) Scan M2504735.d

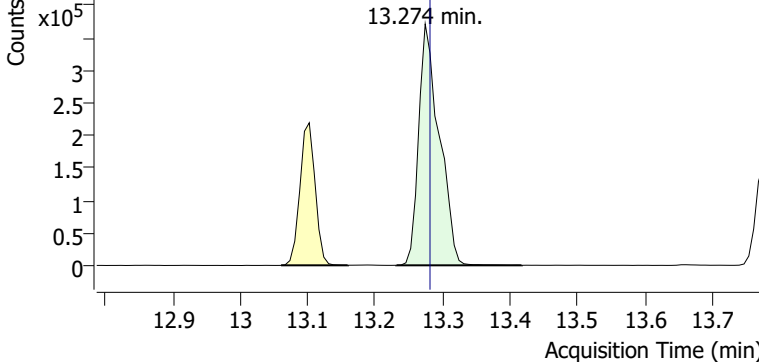


+ Scan (13.060-13.160 min, 14 scans) M2504735.d

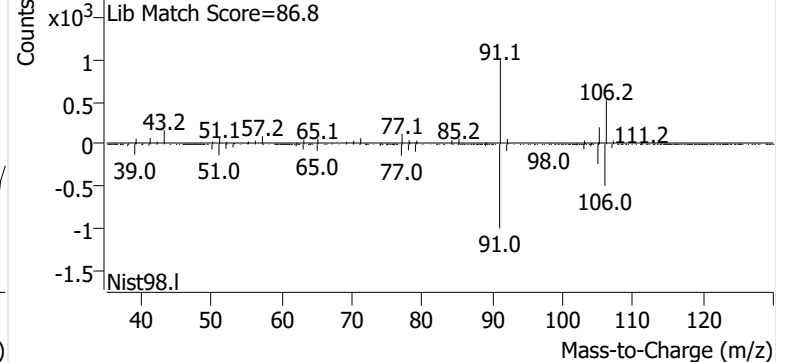


m-/p-Xylenes

+ EIC (91.1) Scan M2504735.d

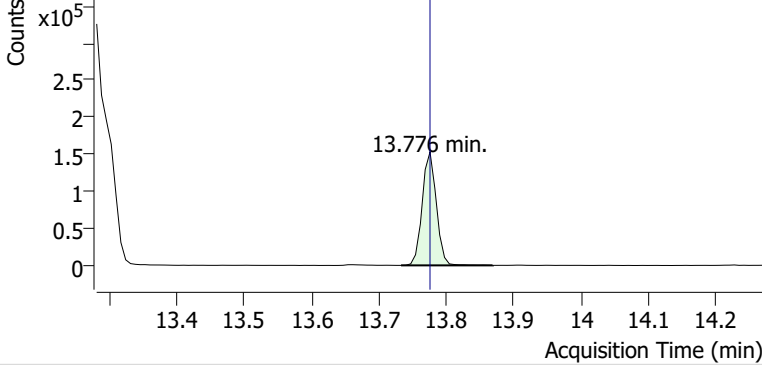


+ Scan (13.231-13.417 min, 27 scans) M2504735.d

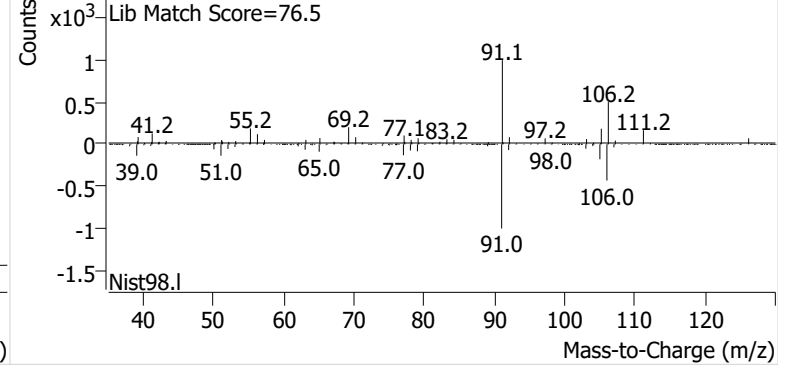


o-Xylene

+ EIC (91.1) Scan M2504735.d

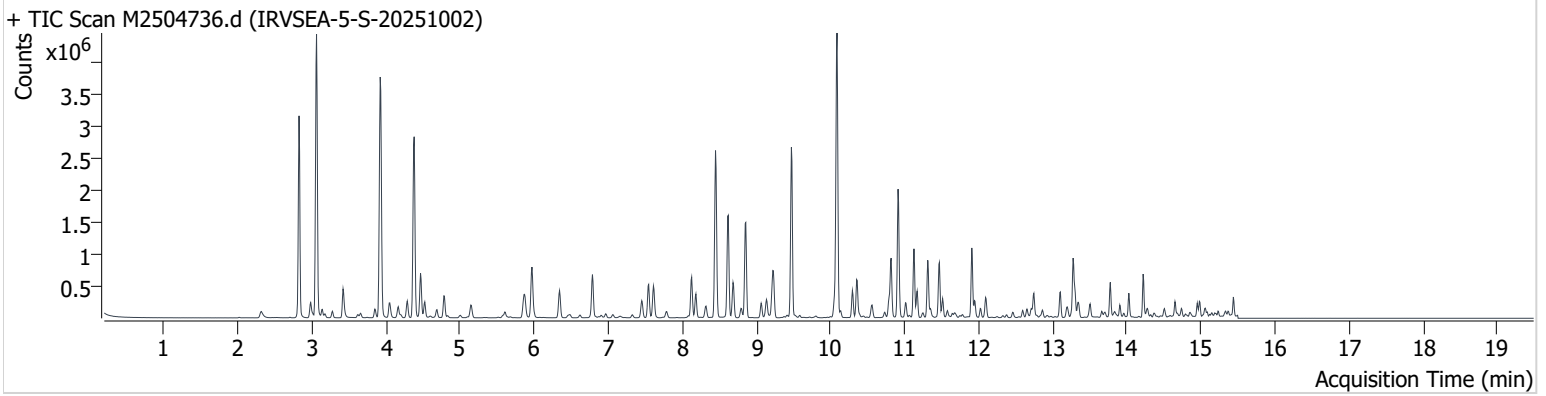


+ Scan (13.733-13.869 min, 19 scans) M2504735.d



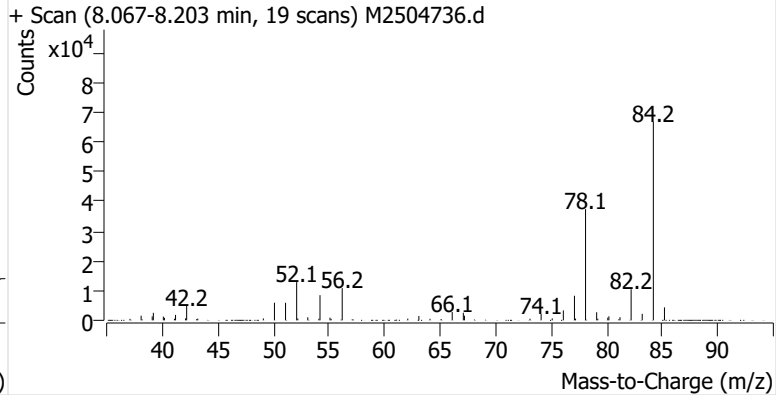
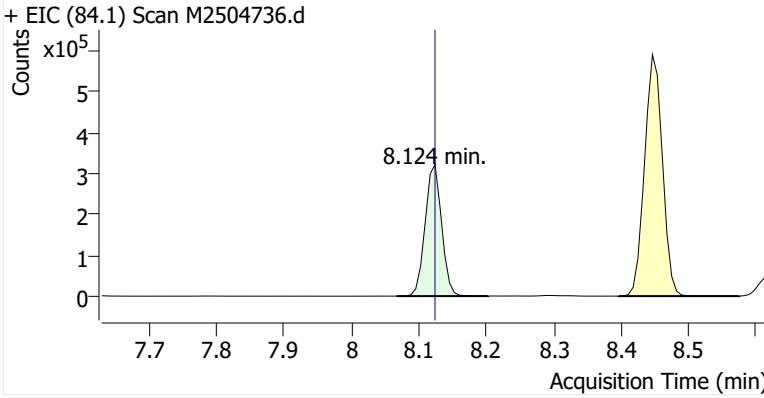
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Comment C35797
Data File M2504736.d
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Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

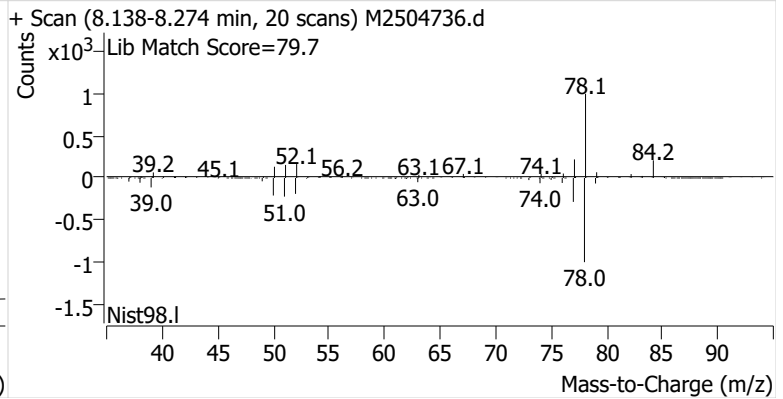
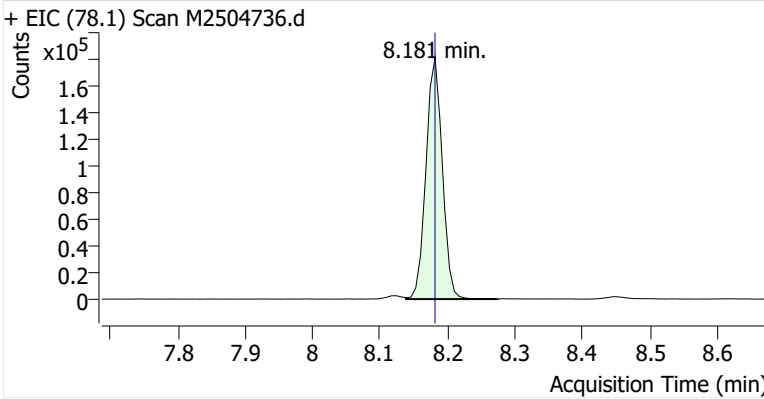


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.124	8.124	544,568	
Benzene	Benzene-d6 (IS)	8.181	8.181	306,203	
Toluene-d8 (IS)		10.817	10.817	569,136	
Toluene	Toluene-d8 (IS)	10.910	10.910	1,229,653	
Ethylbenzene	Toluene-d8 (IS)	13.102	13.102	270,814	
m-/p-Xylenes	Toluene-d8 (IS)	13.274	13.281	691,223	
o-Xylene	Toluene-d8 (IS)	13.776	13.776	232,542	

Benzene-d6 (IS)

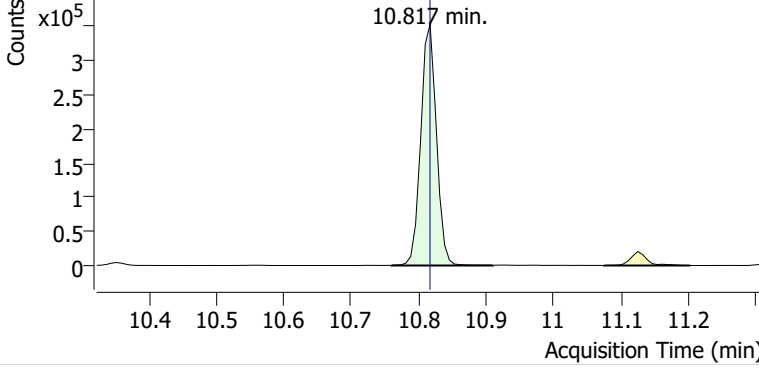


Benzene

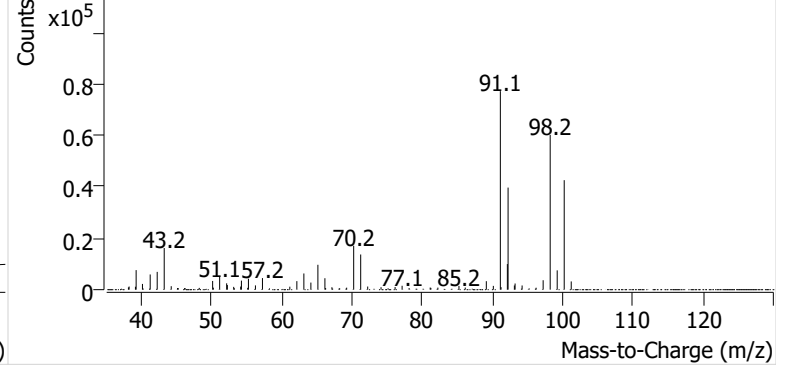


Toluene-d8 (IS)

+ EIC (98.1) Scan M2504736.d

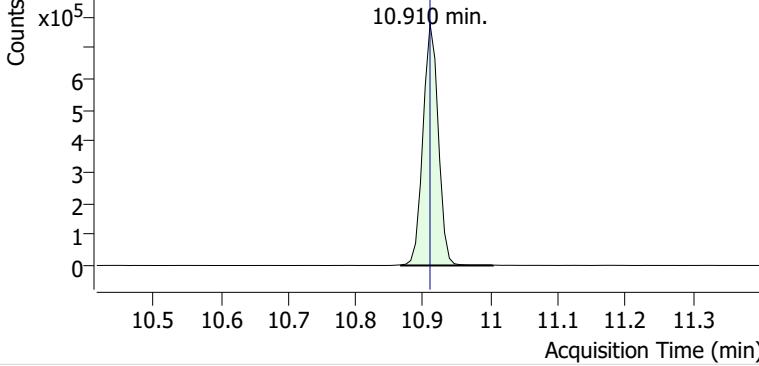


+ Scan (10.760-10.910 min, 22 scans) M2504736.d

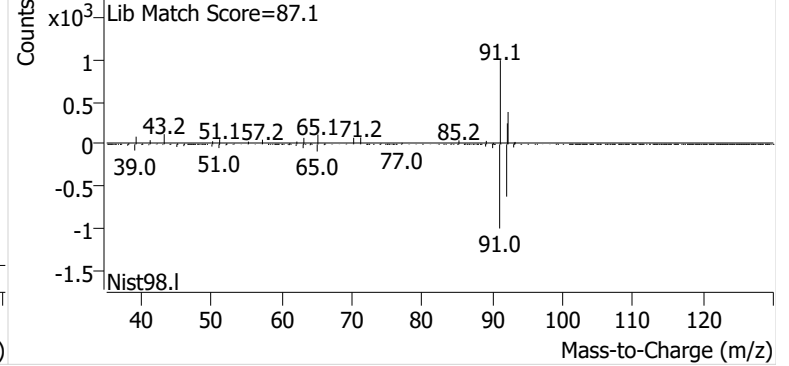


Toluene

+ EIC (91.1) Scan M2504736.d

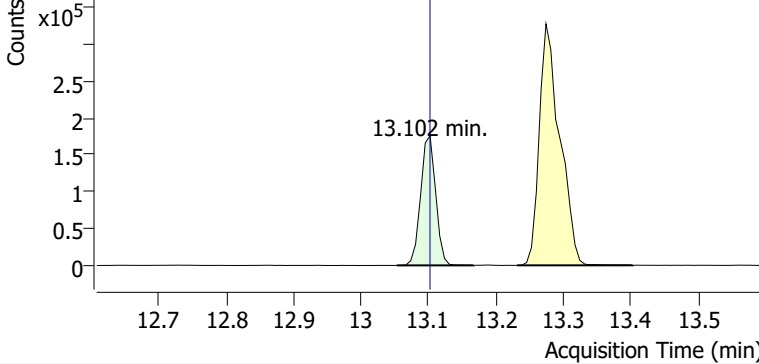


+ Scan (10.867-11.004 min, 20 scans) M2504736.d

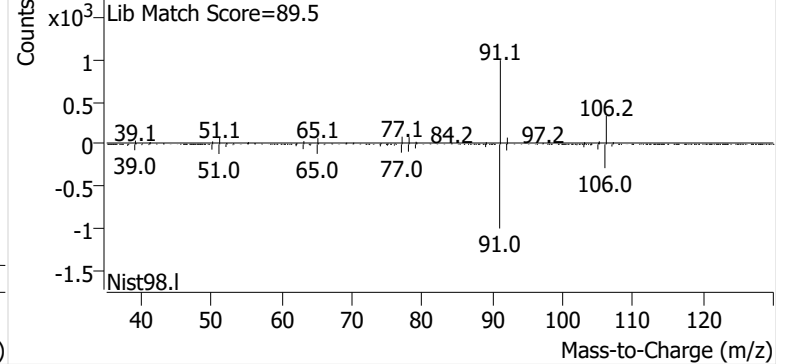


Ethylbenzene

+ EIC (91.1) Scan M2504736.d

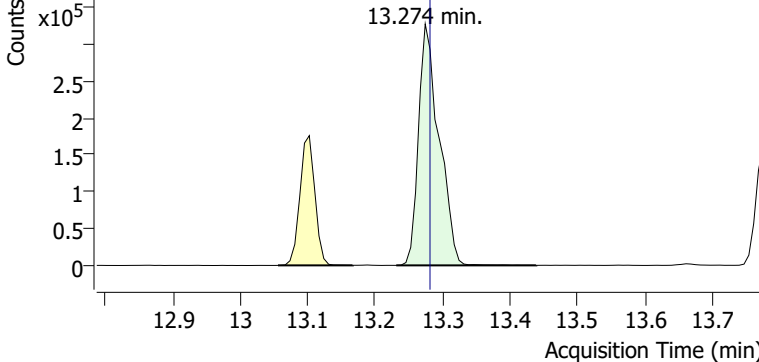


+ Scan (13.053-13.167 min, 16 scans) M2504736.d

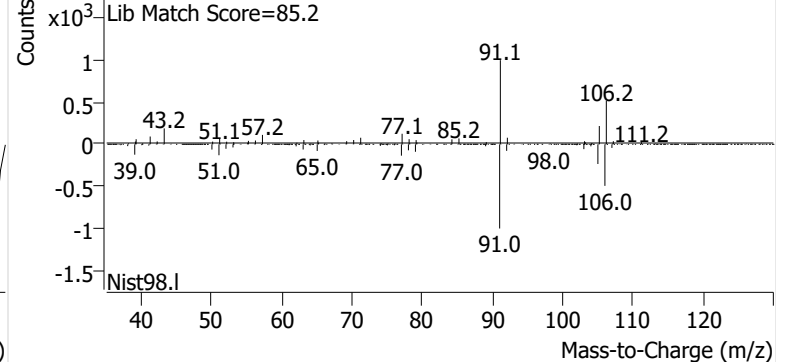


m-/p-Xylenes

+ EIC (91.1) Scan M2504736.d

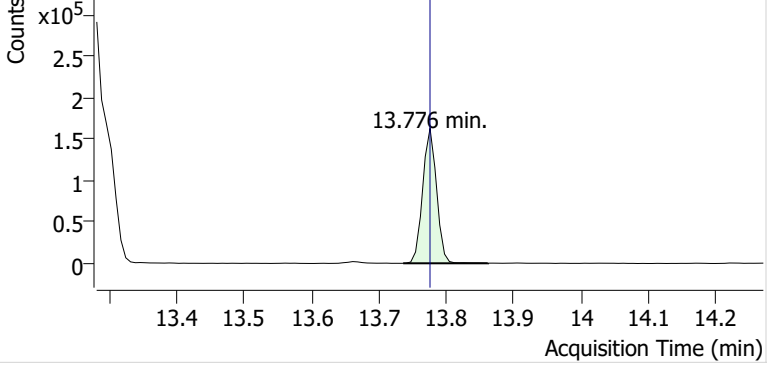


+ Scan (13.231-13.439 min, 30 scans) M2504736.d

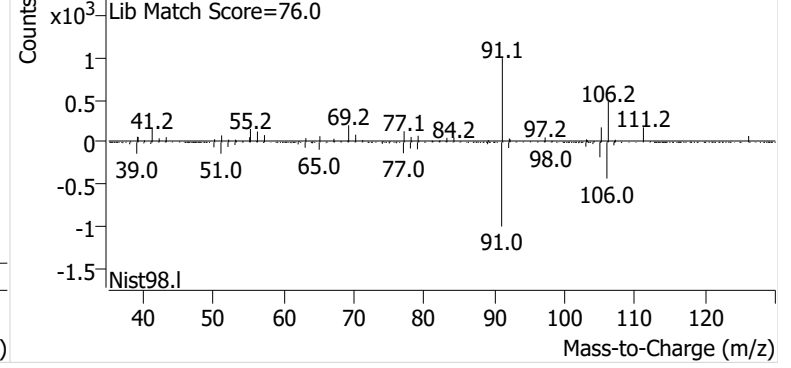


o-Xylene

+ EIC (91.1) Scan M2504736.d

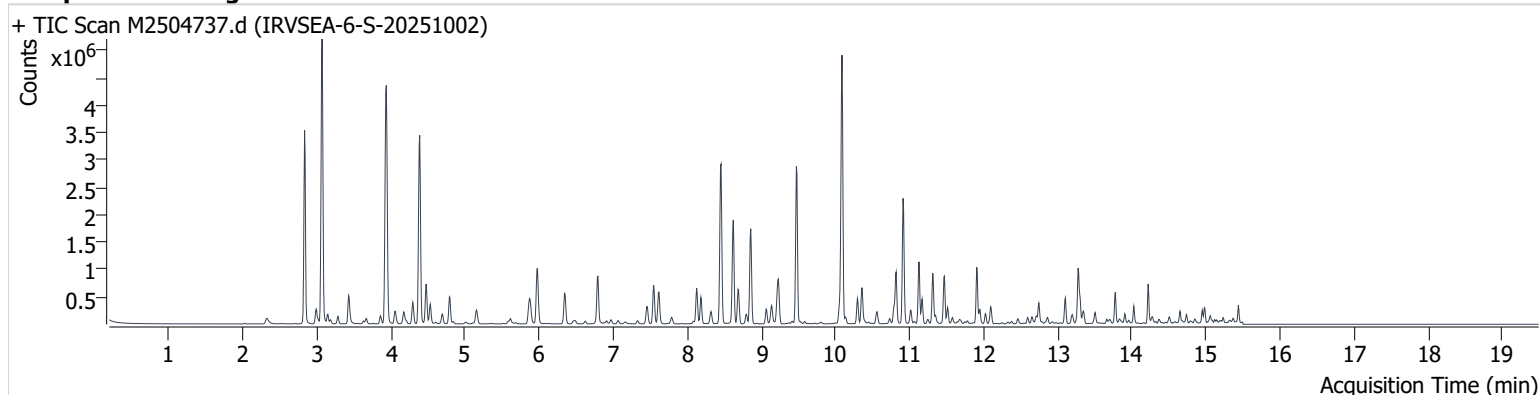


+ Scan (13.736-13.862 min, 18 scans) M2504736.d



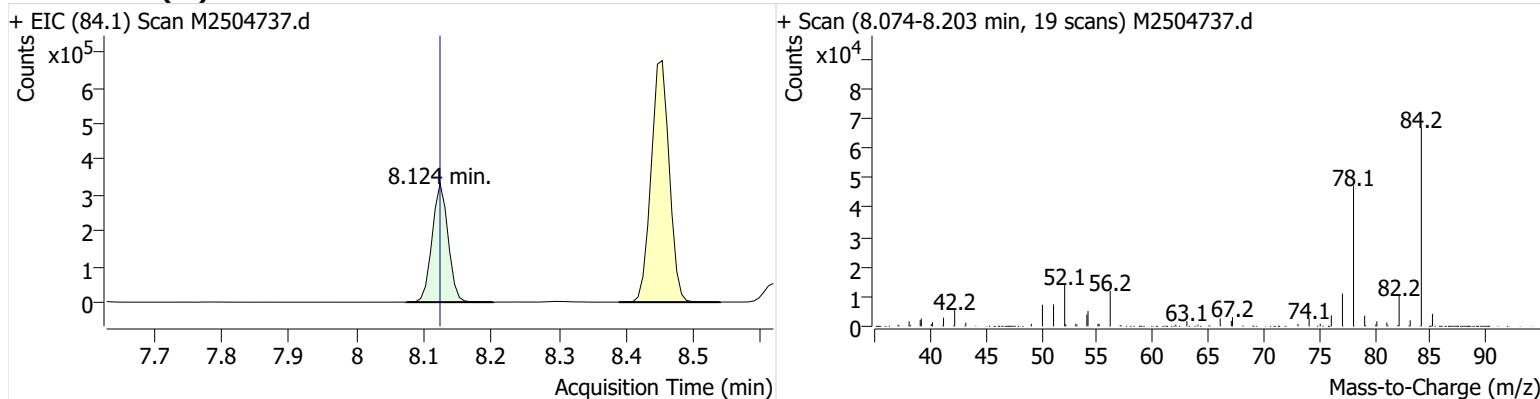
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Comment C55424
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Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

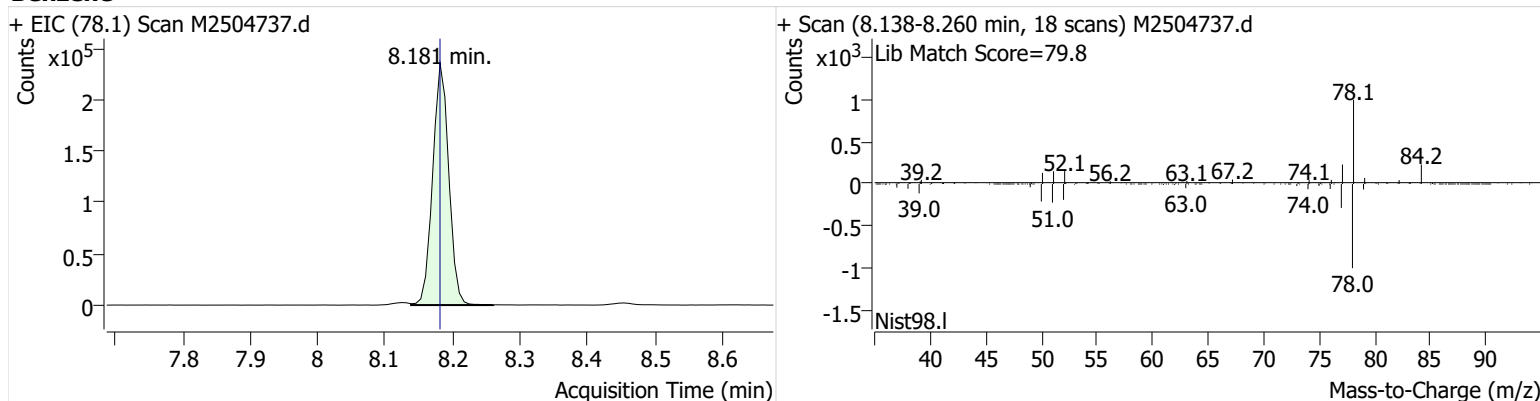


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.124	8.124	546,008	
Benzene	Benzene-d6 (IS)	8.181	8.181	389,890	
Toluene-d8 (IS)		10.817	10.817	569,858	
Toluene	Toluene-d8 (IS)	10.910	10.910	1,437,962	
Ethylbenzene	Toluene-d8 (IS)	13.102	13.102	312,487	
m-/p-Xylenes	Toluene-d8 (IS)	13.274	13.281	761,109	
o-Xylene	Toluene-d8 (IS)	13.776	13.776	250,856	

Benzene-d6 (IS)

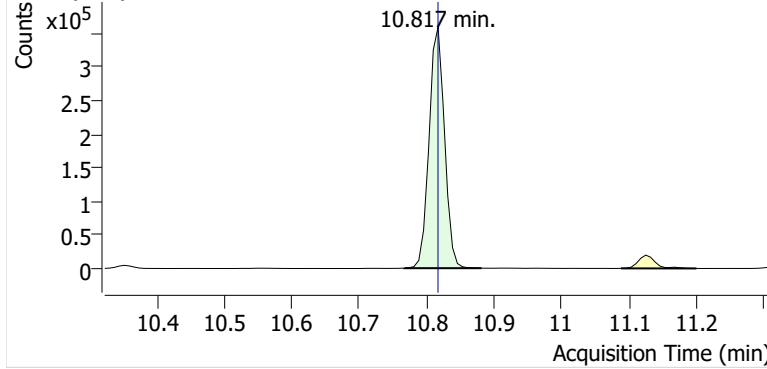


Benzene

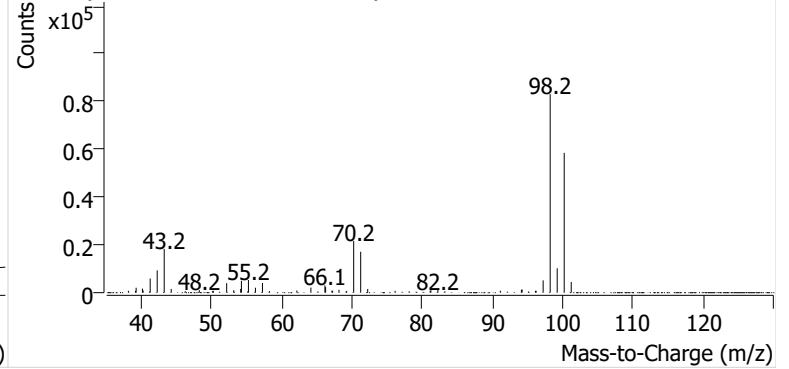


Toluene-d8 (IS)

+ EIC (98.1) Scan M2504737.d

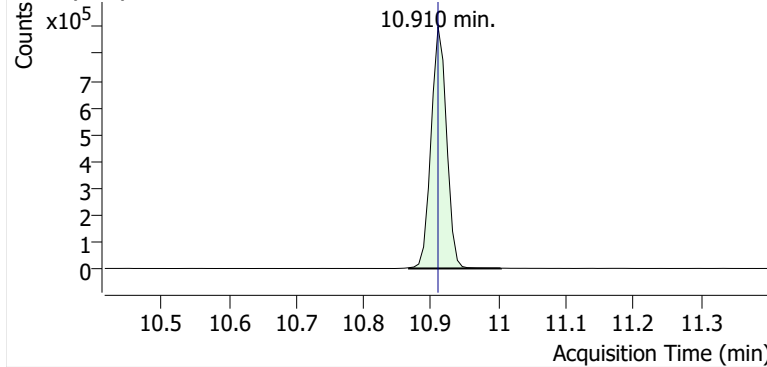


+ Scan (10.767-10.882 min, 16 scans) M2504737.d

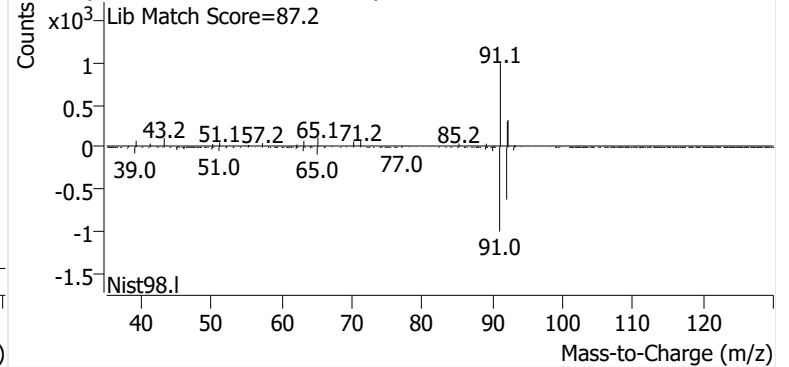


Toluene

+ EIC (91.1) Scan M2504737.d

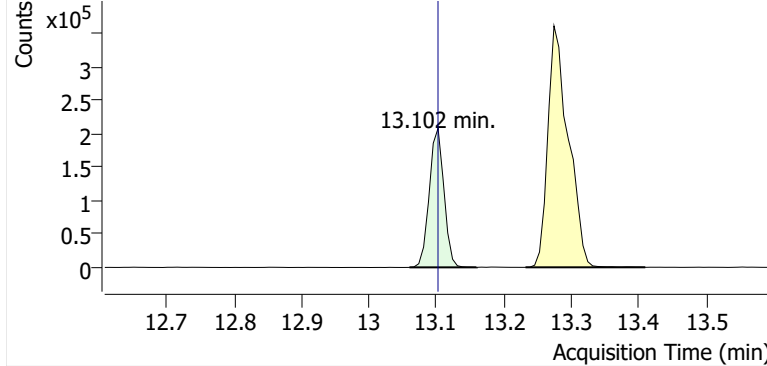


+ Scan (10.867-11.004 min, 20 scans) M2504737.d

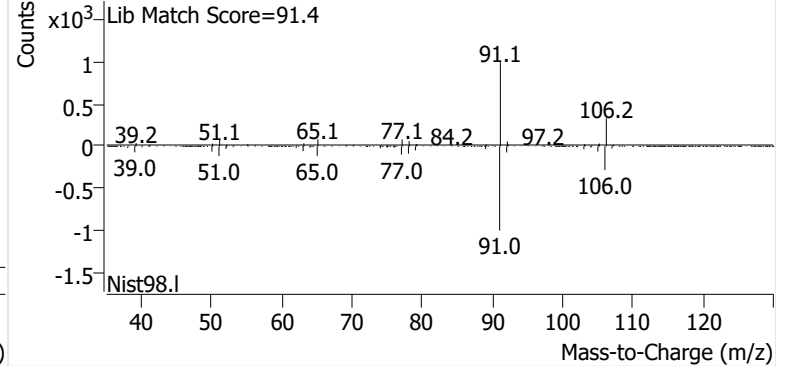


Ethylbenzene

+ EIC (91.1) Scan M2504737.d

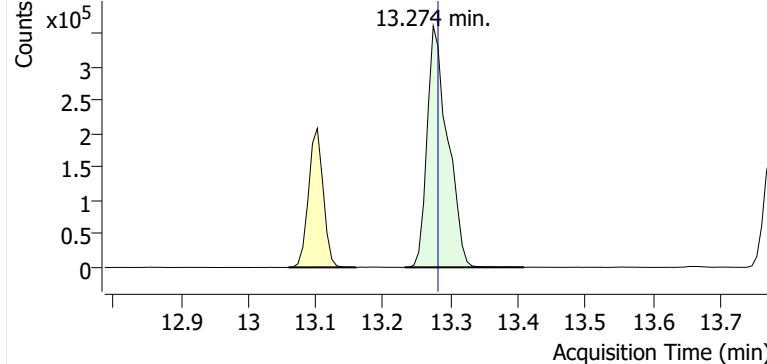


+ Scan (13.060-13.160 min, 14 scans) M2504737.d

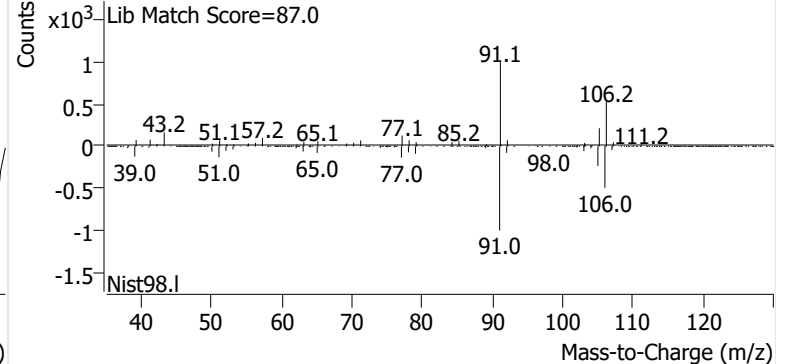


m-/p-Xylenes

+ EIC (91.1) Scan M2504737.d

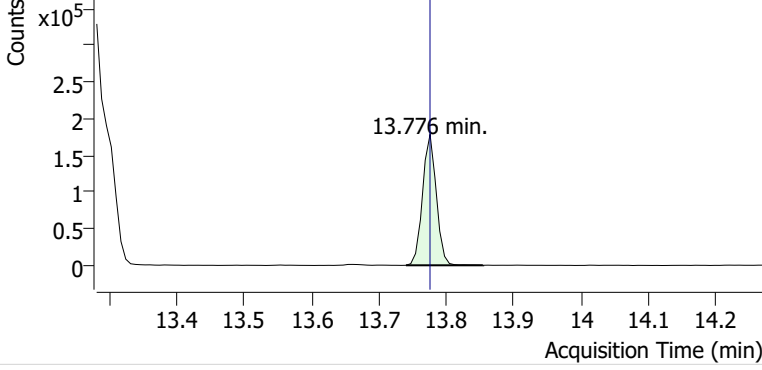


+ Scan (13.232-13.409 min, 24 scans) M2504737.d

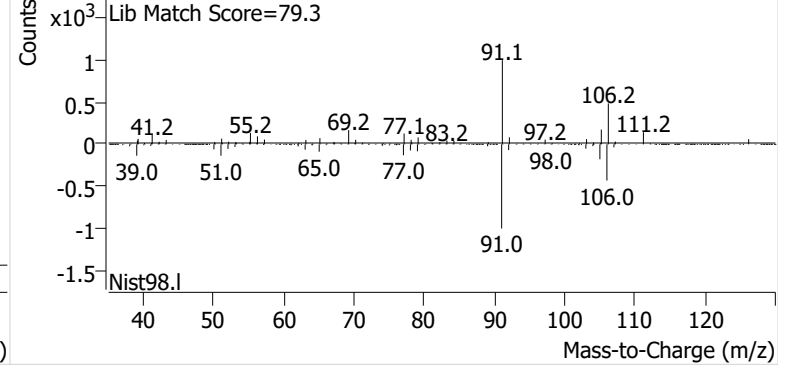


o-Xylene

+ EIC (91.1) Scan M2504737.d

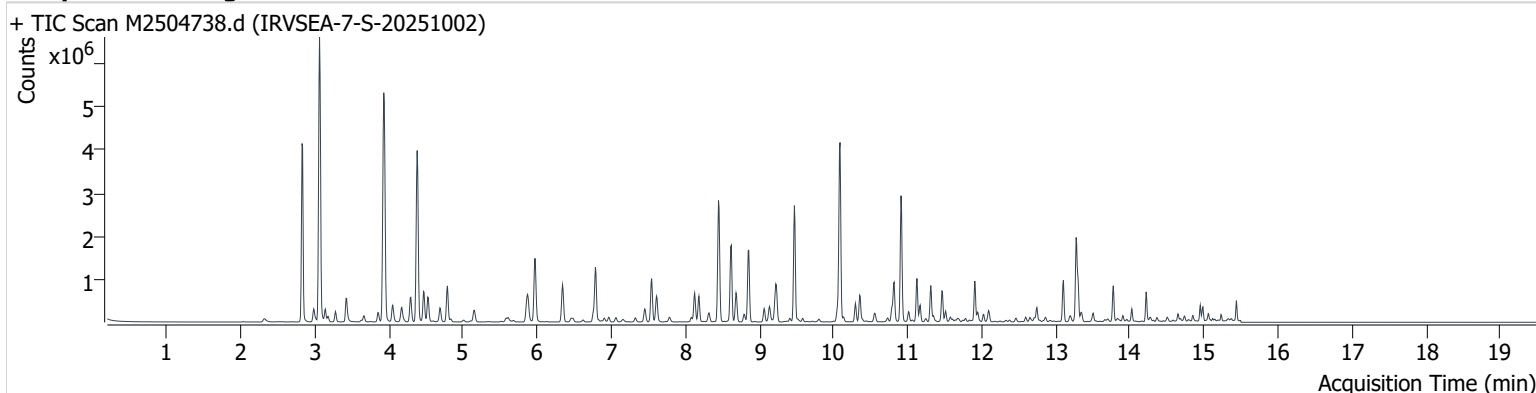


+ Scan (13.740-13.855 min, 16 scans) M2504737.d



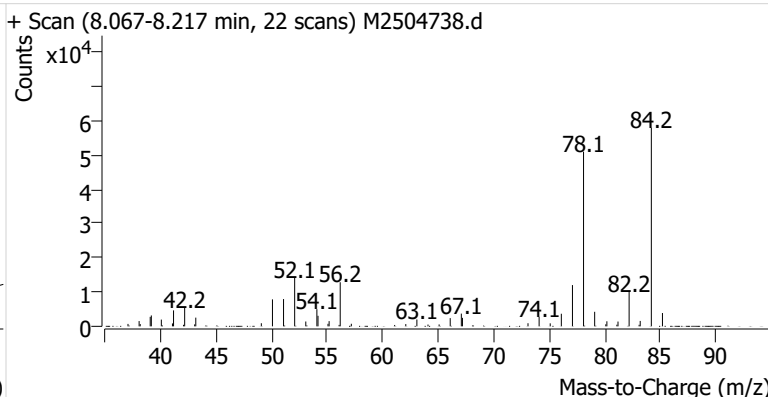
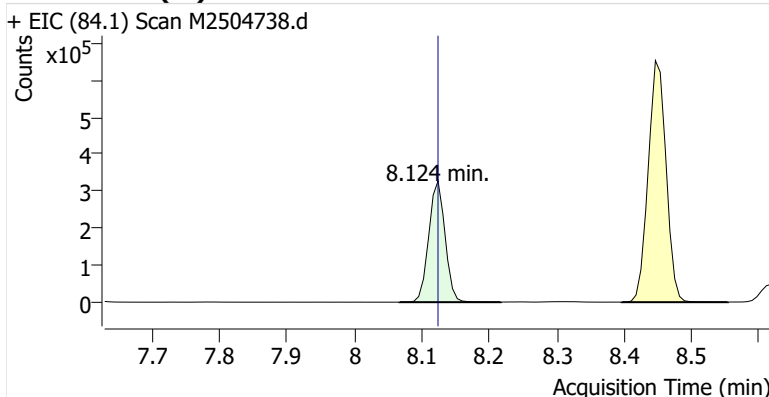
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Comment B18390
Data File M2504738.d
Acq. Date-Time 11/13/2025 10:42:10 PM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

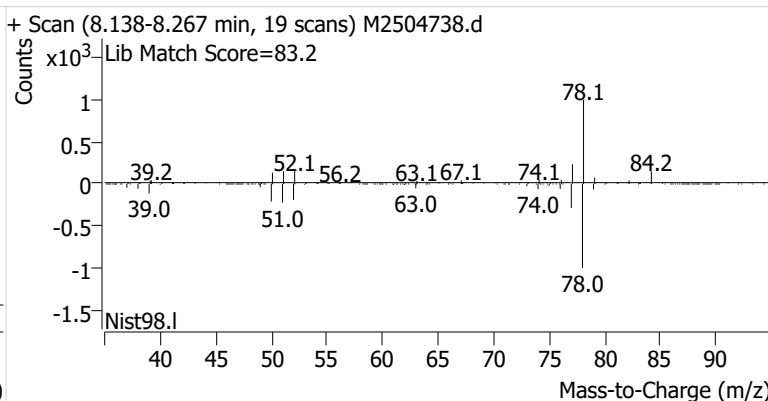
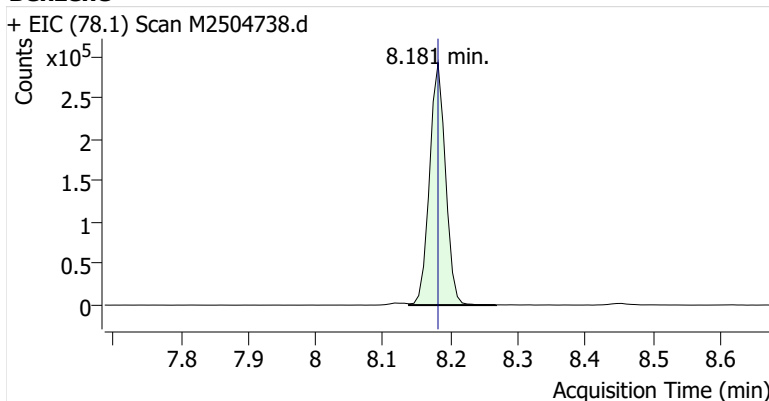


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.124	8.124	548,275	
Benzene	Benzene-d6 (IS)	8.181	8.181	479,441	
Toluene-d8 (IS)		10.817	10.817	565,898	
Toluene	Toluene-d8 (IS)	10.910	10.910	1,876,161	
Ethylbenzene	Toluene-d8 (IS)	13.102	13.102	657,083	
m-/p-Xylenes	Toluene-d8 (IS)	13.274	13.281	1,536,207	
o-Xylene	Toluene-d8 (IS)	13.776	13.776	420,836	

Benzene-d6 (IS)

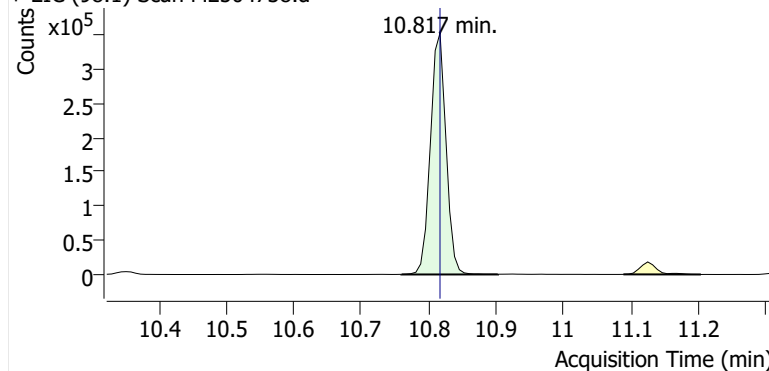


Benzene

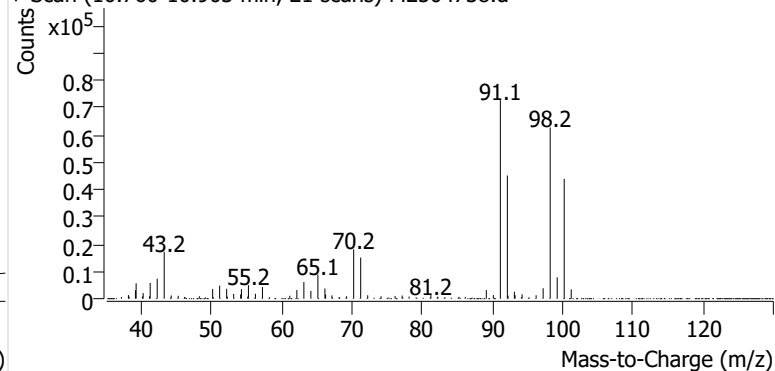


Toluene-d8 (IS)

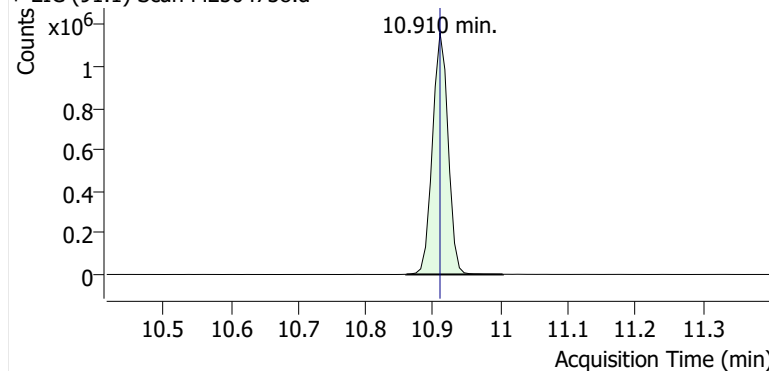
+ EIC (98.1) Scan M2504738.d



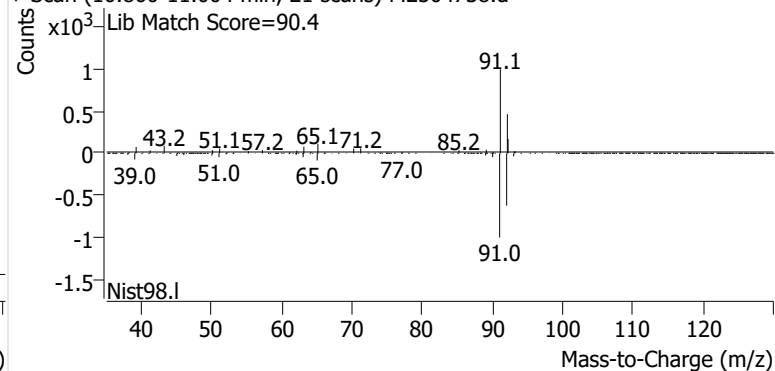
+ Scan (10.760-10.903 min, 21 scans) M2504738.d

**Toluene**

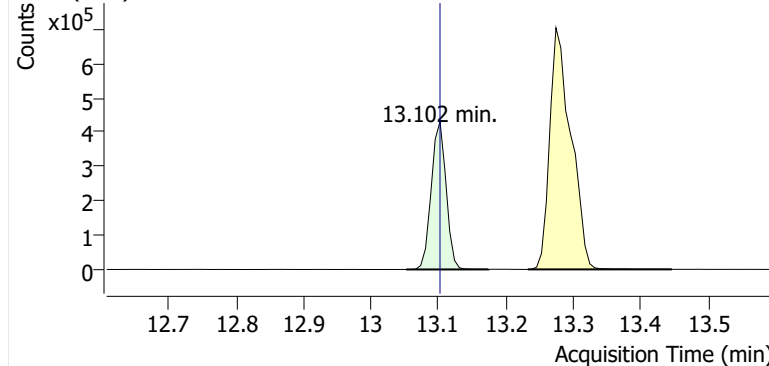
+ EIC (91.1) Scan M2504738.d



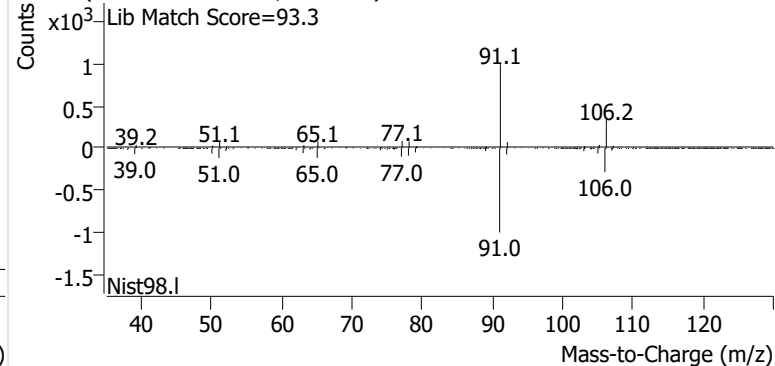
+ Scan (10.860-11.004 min, 21 scans) M2504738.d

**Ethylbenzene**

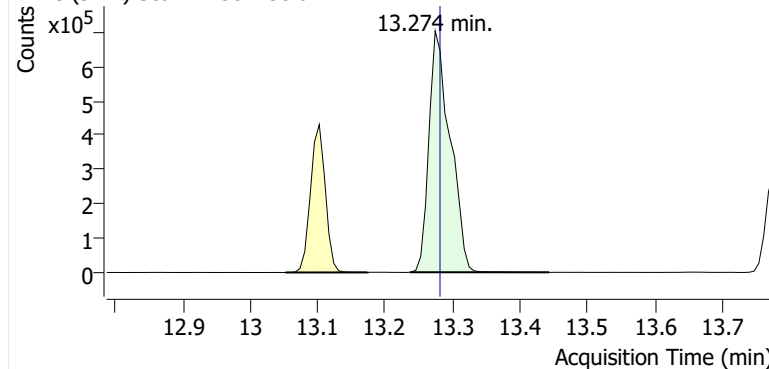
+ EIC (91.1) Scan M2504738.d



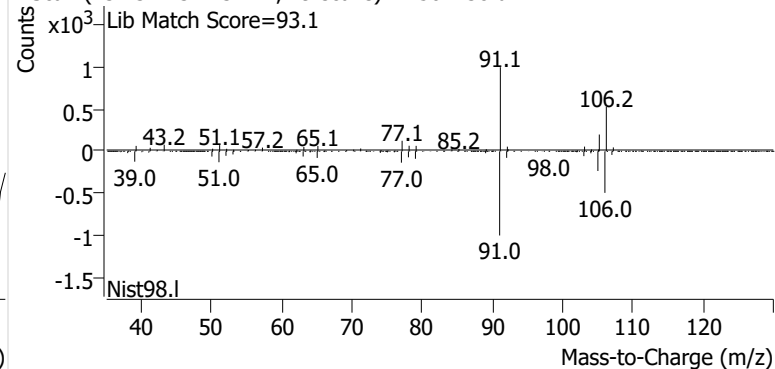
+ Scan (13.052-13.174 min, 18 scans) M2504738.d

**m-/p-Xylenes**

+ EIC (91.1) Scan M2504738.d

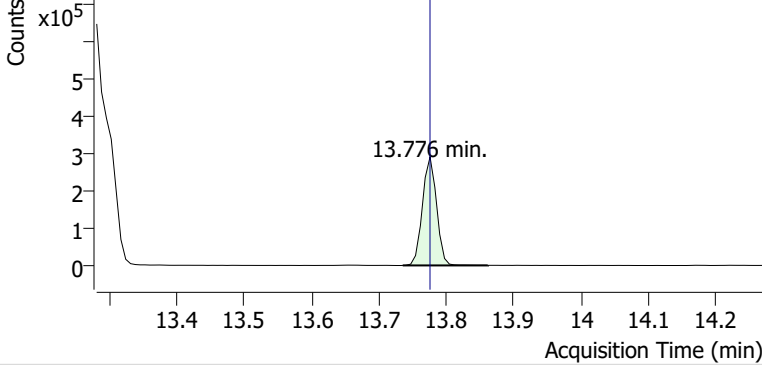


+ Scan (13.237-13.443 min, 29 scans) M2504738.d

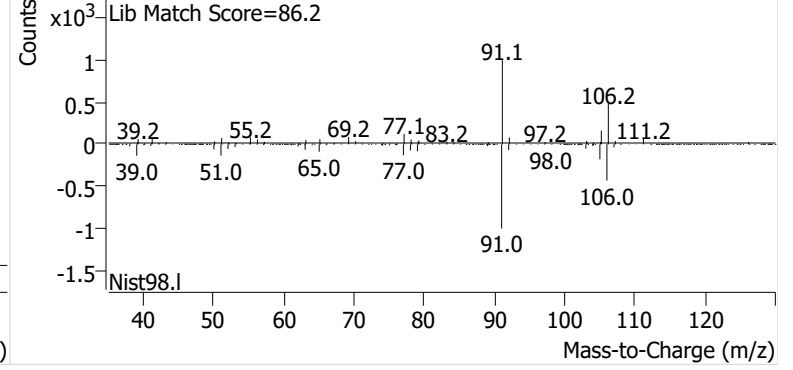


o-Xylene

+ EIC (91.1) Scan M2504738.d

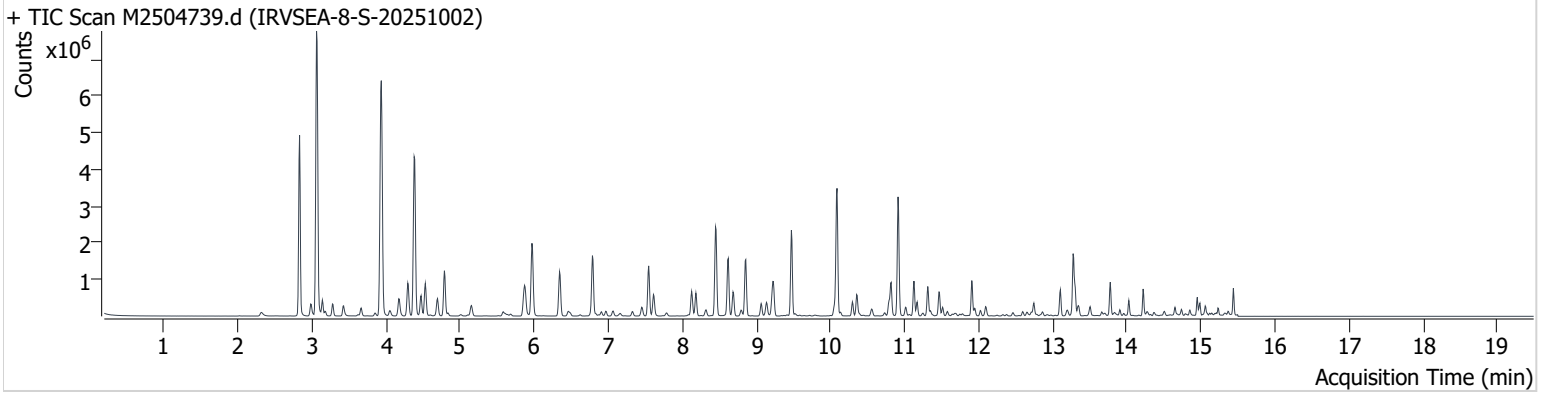


+ Scan (13.735-13.862 min, 18 scans) M2504738.d



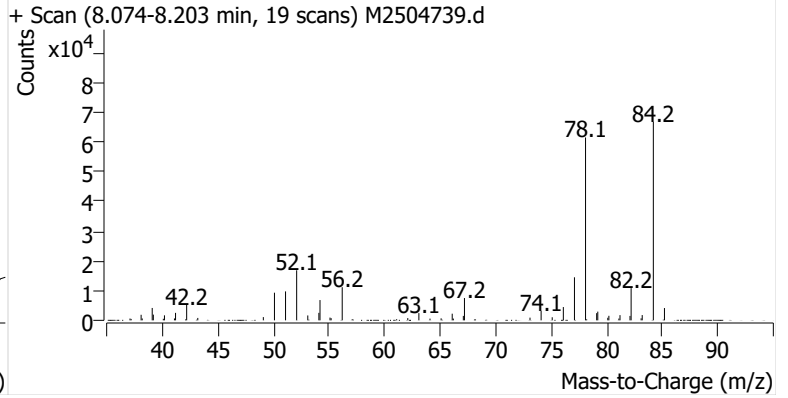
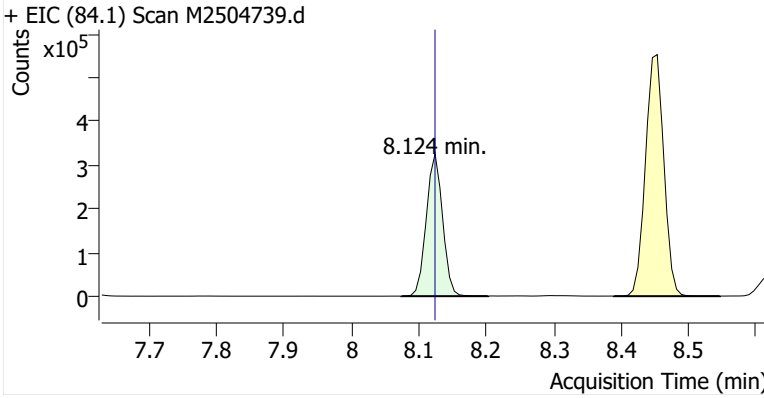
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Comment C57099
Data File M2504739.d
Acq. Date-Time 11/13/2025 11:10:02 PM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

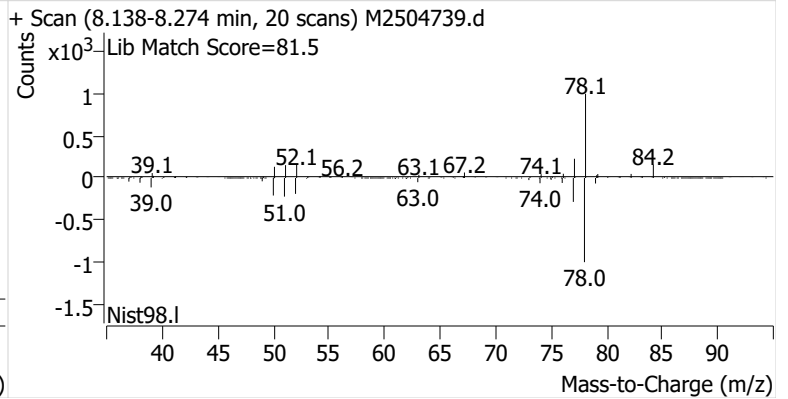
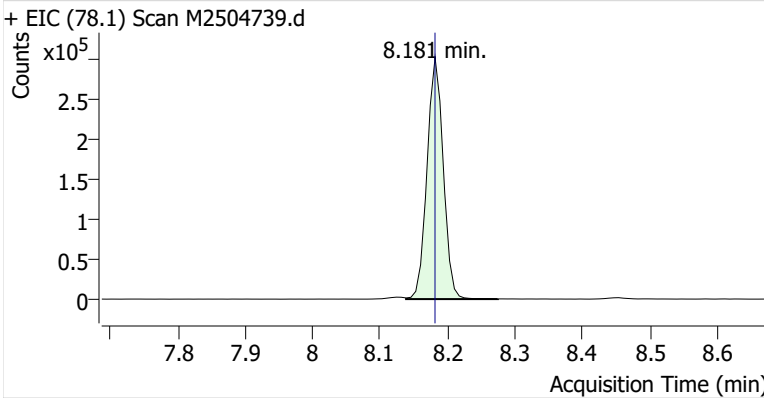


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.124	8.124	545,522	
Benzene	Benzene-d6 (IS)	8.181	8.181	508,382	
Toluene-d8 (IS)		10.817	10.817	566,789	
Toluene	Toluene-d8 (IS)	10.910	10.910	2,078,763	
Ethylbenzene	Toluene-d8 (IS)	13.102	13.102	477,211	
m-/p-Xylenes	Toluene-d8 (IS)	13.274	13.281	1,311,270	
o-Xylene	Toluene-d8 (IS)	13.776	13.776	456,252	

Benzene-d6 (IS)

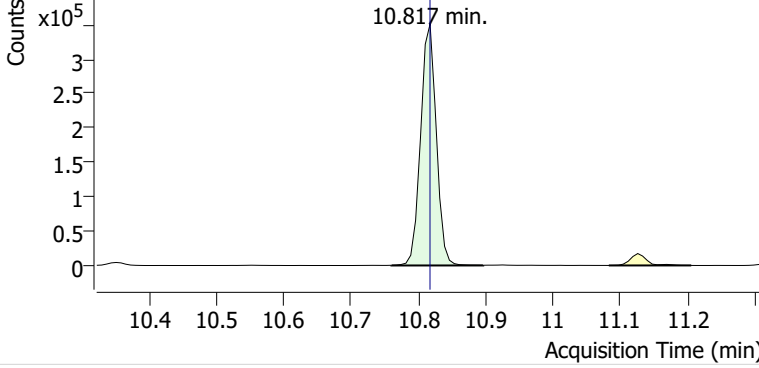


Benzene

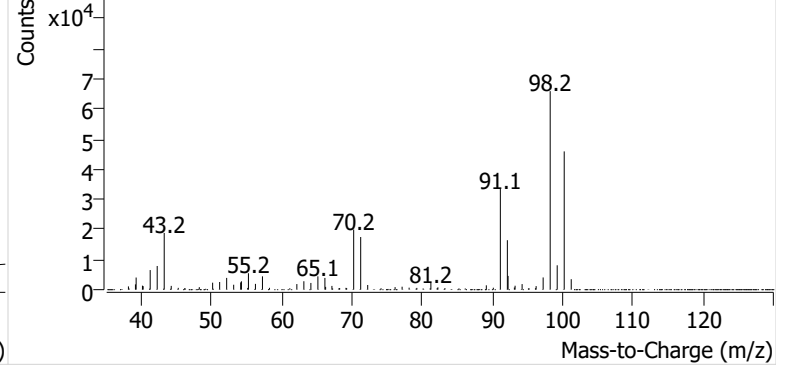


Toluene-d8 (IS)

+ EIC (98.1) Scan M2504739.d

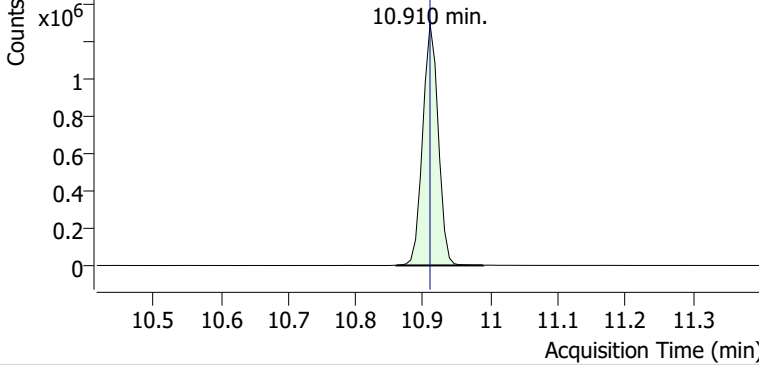


+ Scan (10.760-10.896 min, 20 scans) M2504739.d

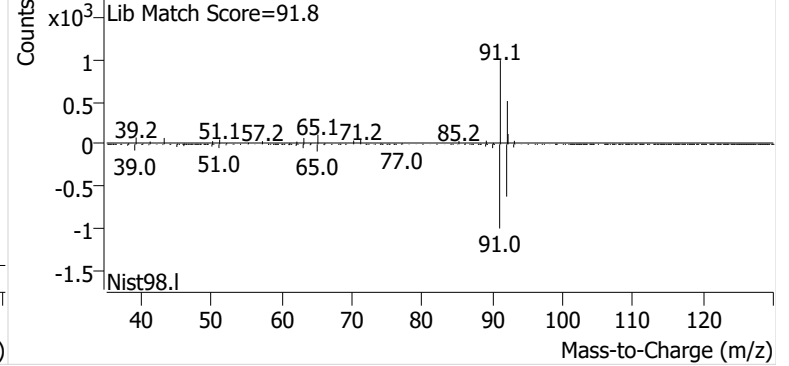


Toluene

+ EIC (91.1) Scan M2504739.d

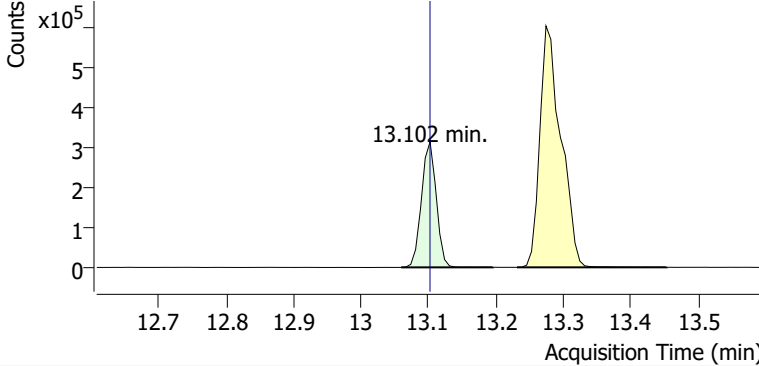


+ Scan (10.860-10.989 min, 19 scans) M2504739.d

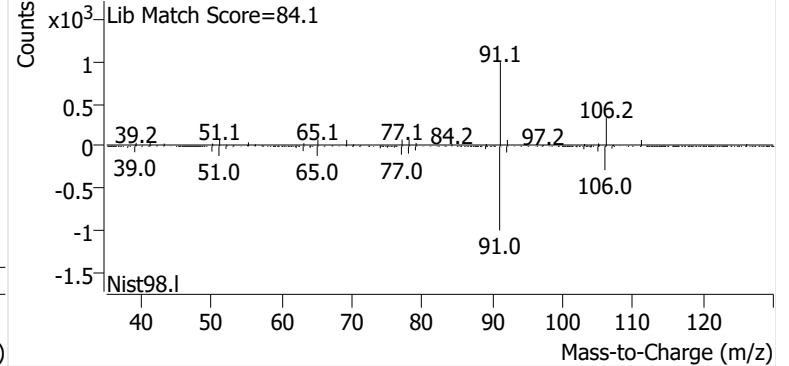


Ethylbenzene

+ EIC (91.1) Scan M2504739.d

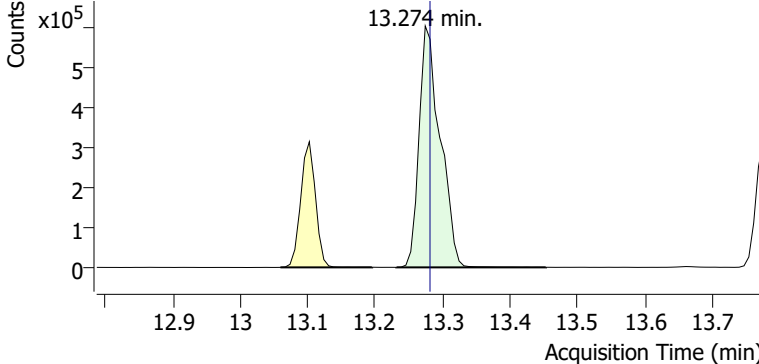


+ Scan (13.060-13.196 min, 19 scans) M2504739.d

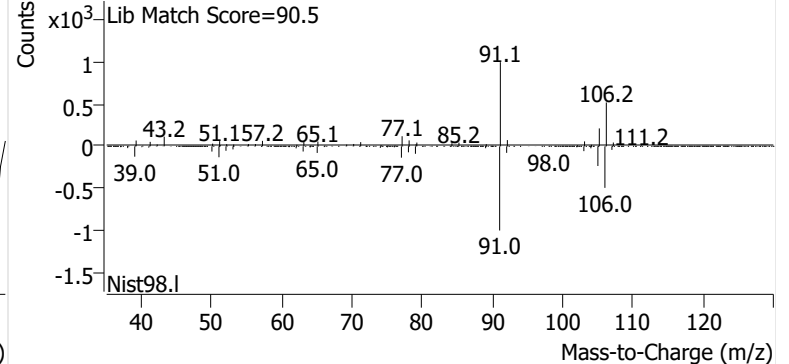


m-/p-Xylenes

+ EIC (91.1) Scan M2504739.d

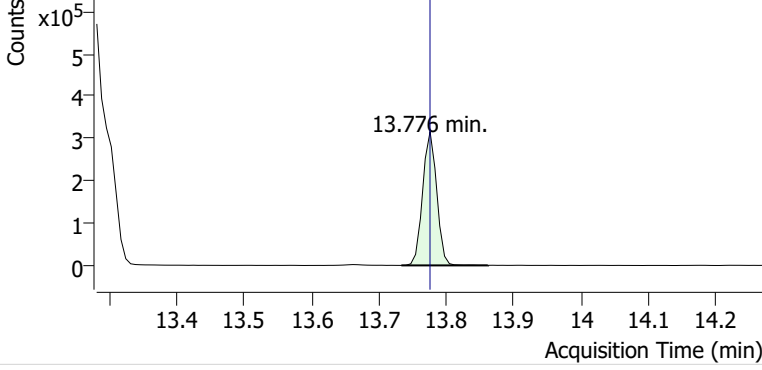


+ Scan (13.231-13.453 min, 32 scans) M2504739.d

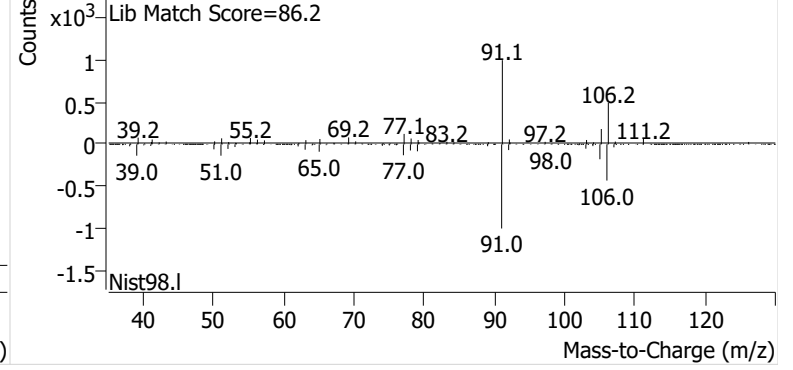


o-Xylene

+ EIC (91.1) Scan M2504739.d

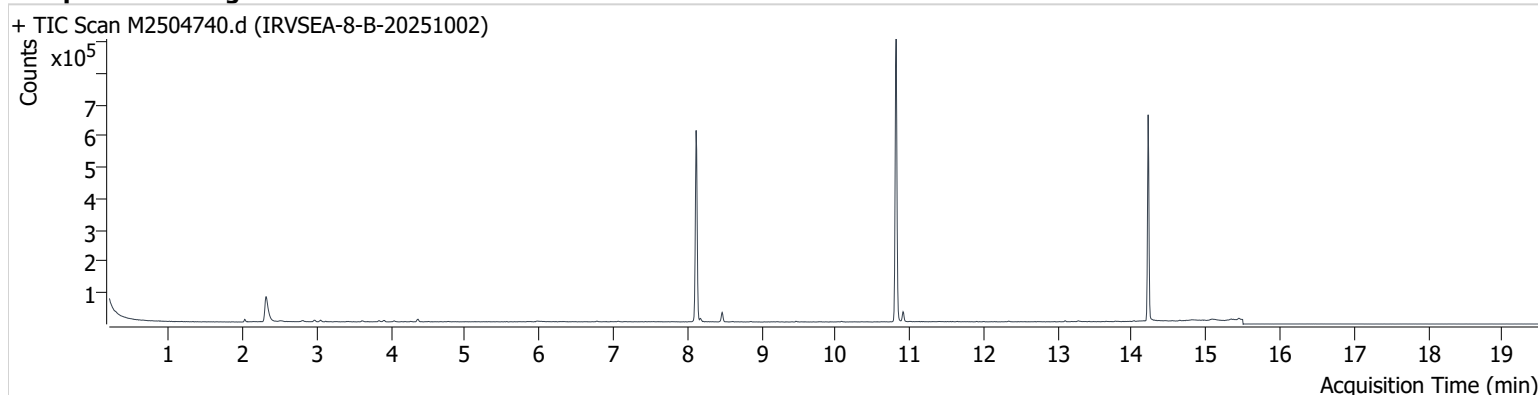


+ Scan (13.733-13.862 min, 18 scans) M2504739.d



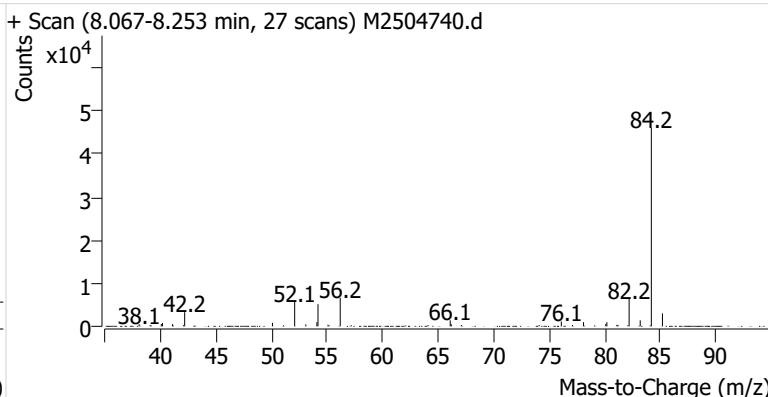
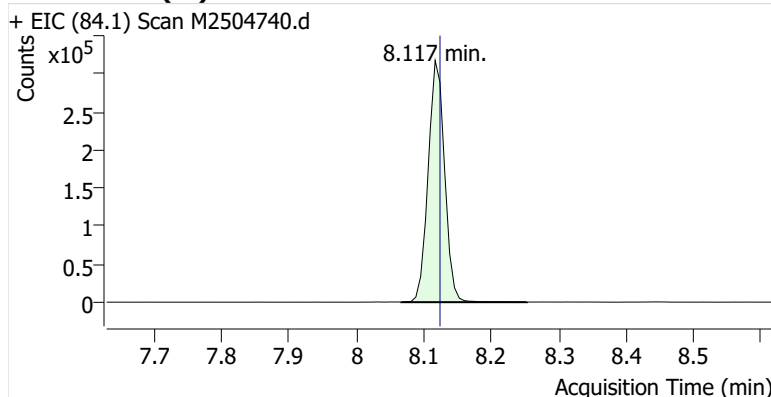
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Comment C37060
Data File M2504740.d
Acq. Date-Time 11/13/2025 11:37:24 PM
Acq. Method File M325B-MTD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

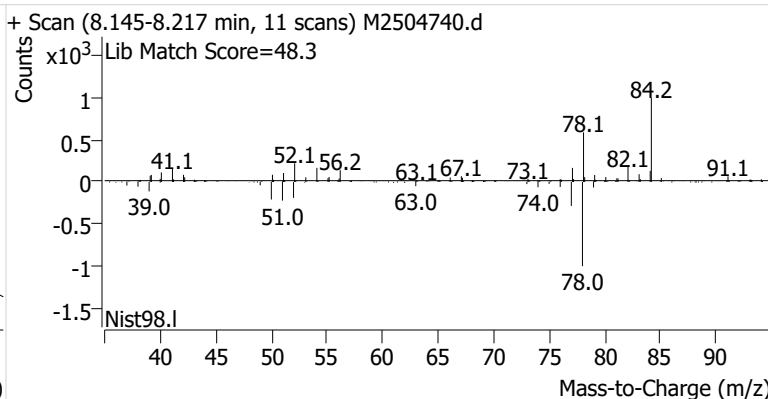
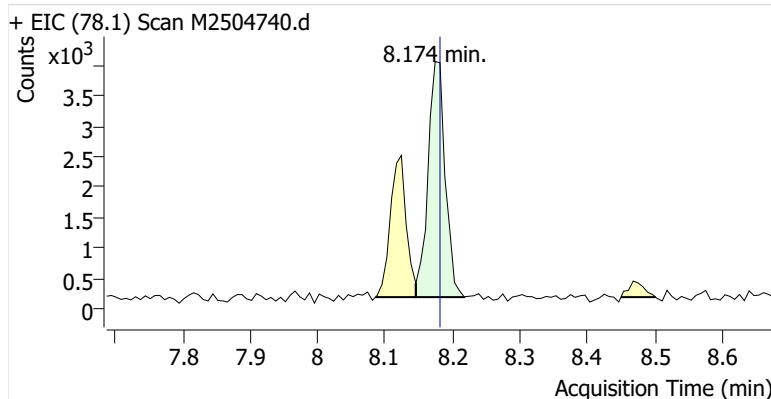


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.117	8.124	537,355	
Benzene	Benzene-d6 (IS)	8.174	8.181	6,848	
Toluene-d8 (IS)		10.817	10.817	564,988	
Toluene	Toluene-d8 (IS)	10.910	10.910	20,985	
Ethylbenzene	Toluene-d8 (IS)	13.102	13.102	1,961	
m-/p-Xylenes	Toluene-d8 (IS)	13.281	13.281	1,969	
o-Xylene	Toluene-d8 (IS)	13.783	13.776	607	

Benzene-d6 (IS)

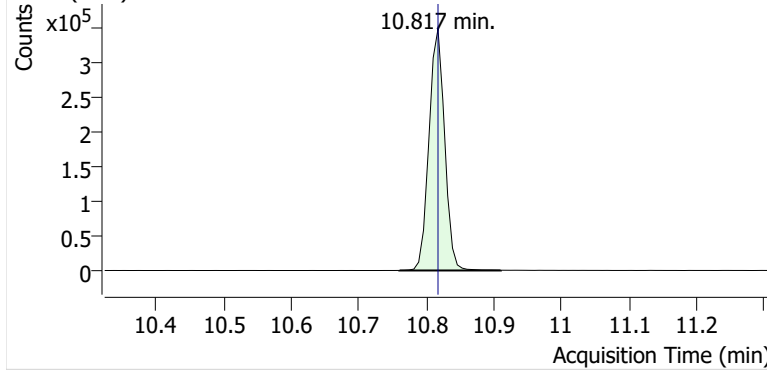


Benzene

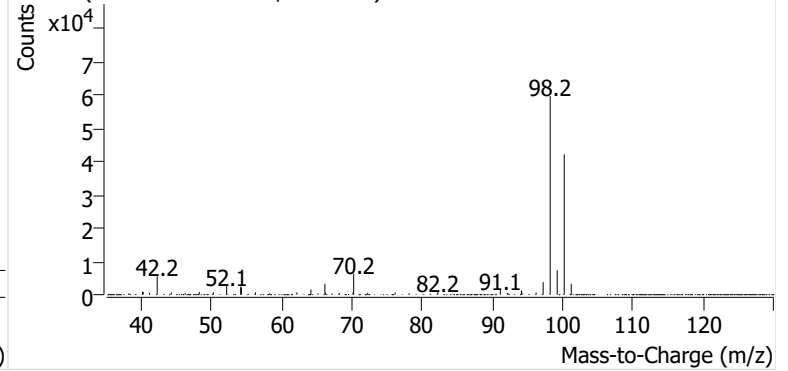


Toluene-d8 (IS)

+ EIC (98.1) Scan M2504740.d

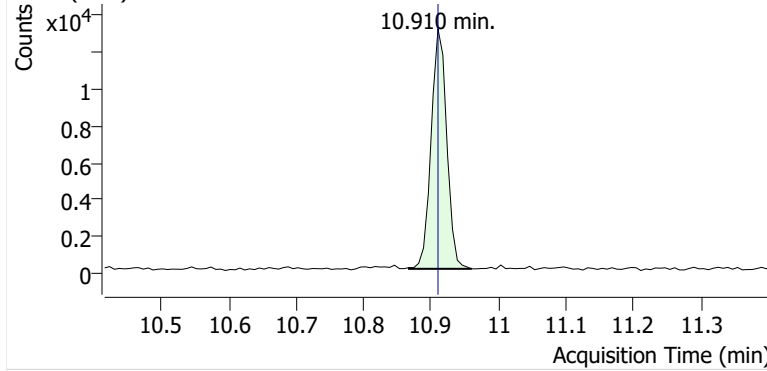


+ Scan (10.760-10.910 min, 22 scans) M2504740.d

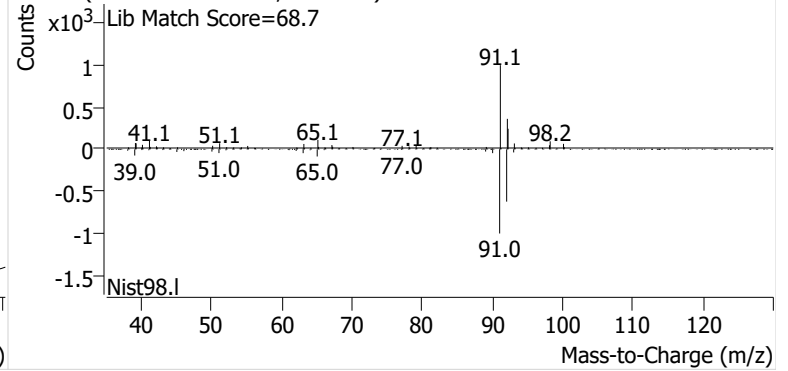


Toluene

+ EIC (91.1) Scan M2504740.d

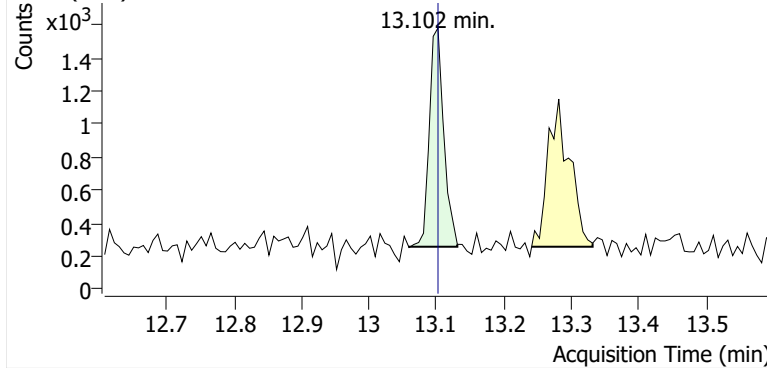


+ Scan (10.867-10.960 min, 13 scans) M2504740.d

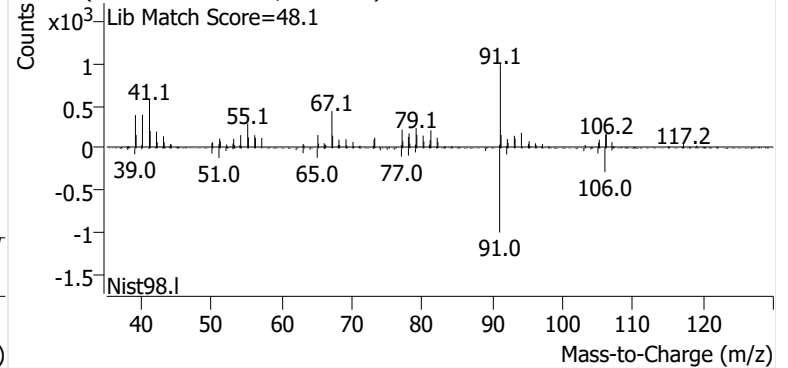


Ethylbenzene

+ EIC (91.1) Scan M2504740.d

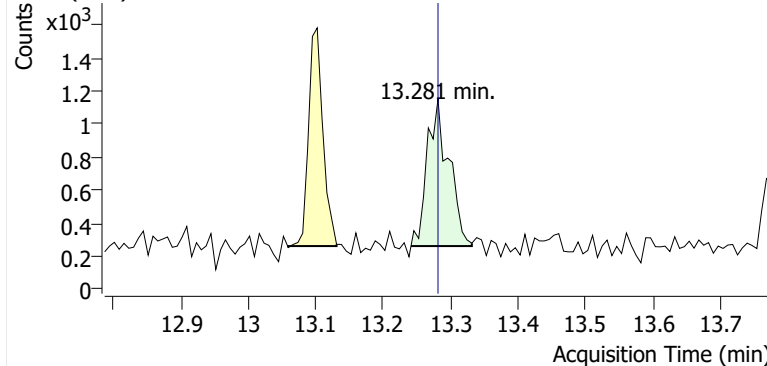


+ Scan (13.059-13.131 min, 11 scans) M2504740.d

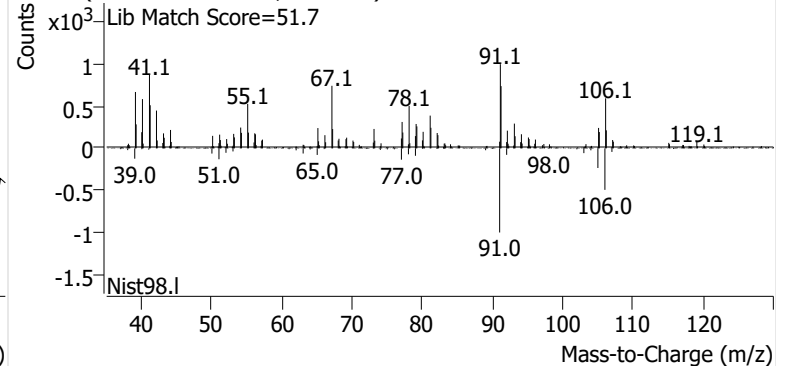


m-/p-Xylenes

+ EIC (91.1) Scan M2504740.d

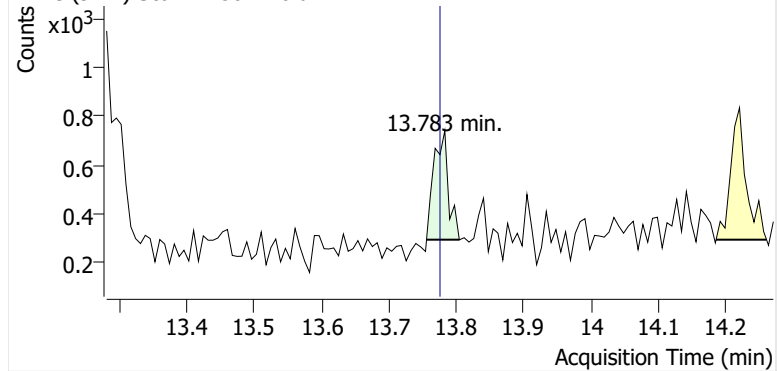


+ Scan (13.241-13.332 min, 13 scans) M2504740.d

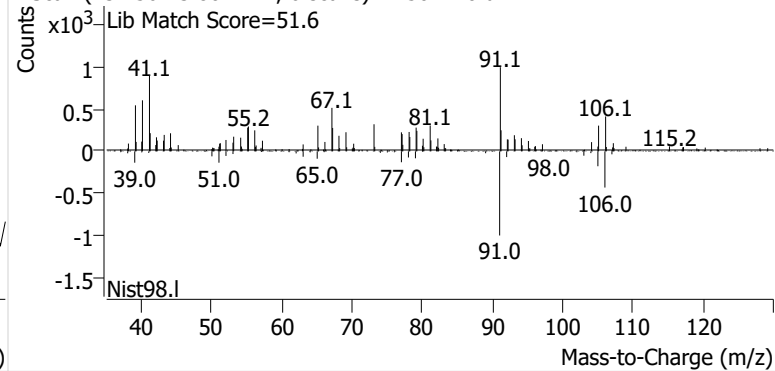


o-Xylene

+ EIC (91.1) Scan M2504740.d

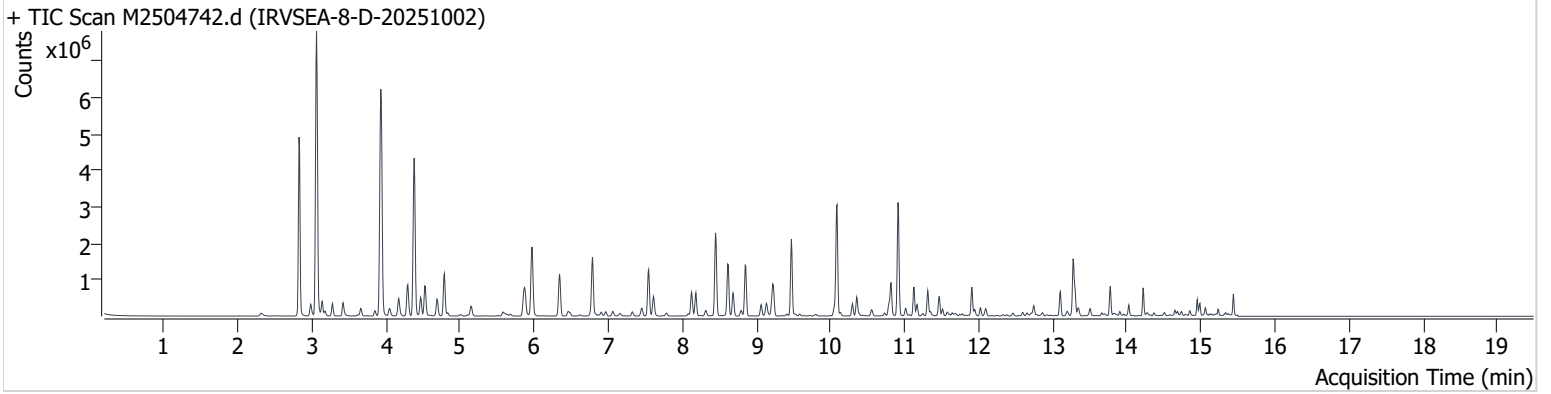


+ Scan (13.756-13.804 min, 6 scans) M2504740.d



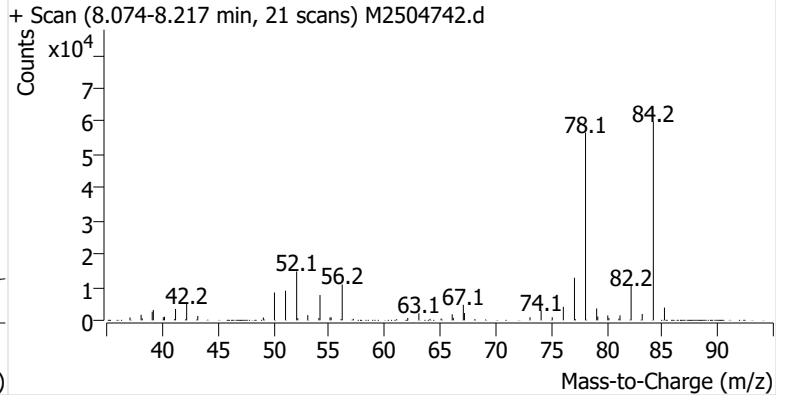
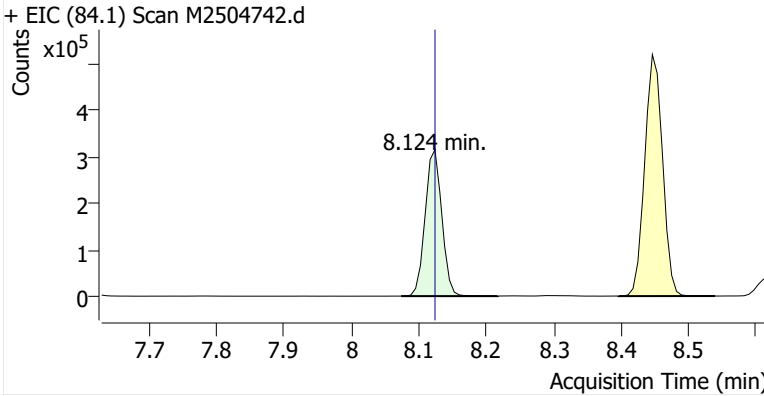
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Comment C02243
Data File M2504742.d
Acq. Date-Time 11/14/2025 12:32:32 AM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

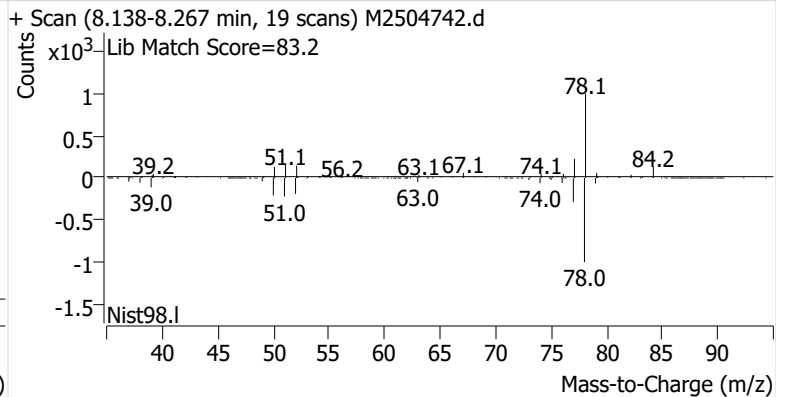
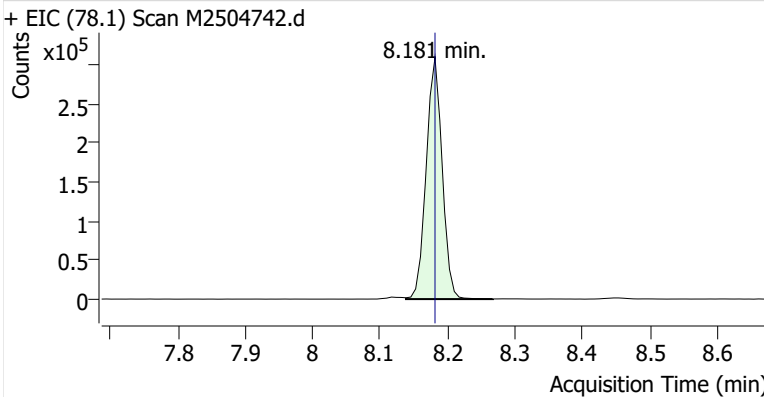


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.124	8.124	540,757	
Benzene	Benzene-d6 (IS)	8.181	8.181	508,867	
Toluene-d8 (IS)		10.817	10.817	565,844	
Toluene	Toluene-d8 (IS)	10.910	10.910	2,034,701	
Ethylbenzene	Toluene-d8 (IS)	13.102	13.102	457,749	
m-/p-Xylenes	Toluene-d8 (IS)	13.274	13.281	1,212,071	
o-Xylene	Toluene-d8 (IS)	13.776	13.776	409,521	

Benzene-d6 (IS)

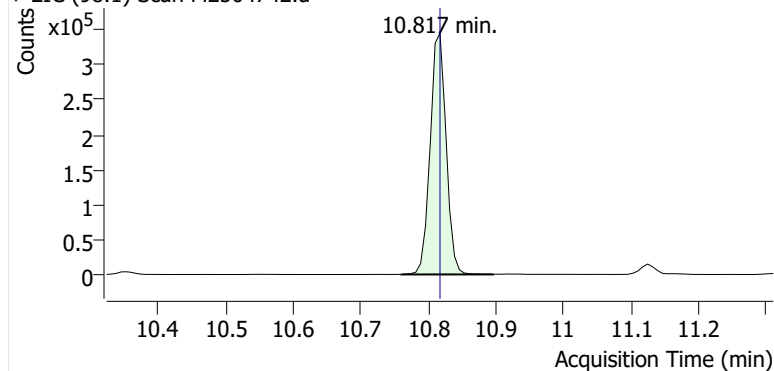


Benzene

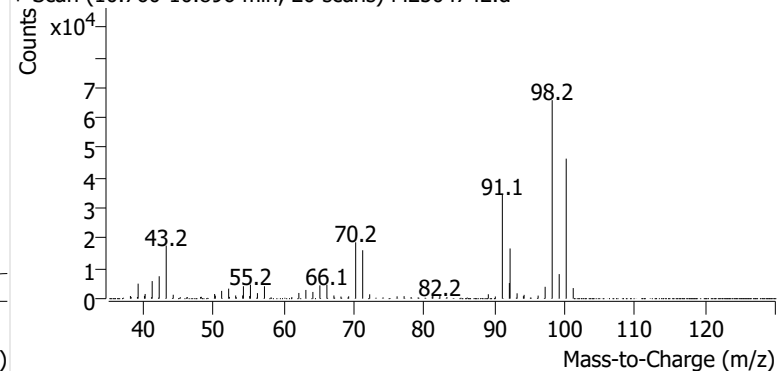


Toluene-d8 (IS)

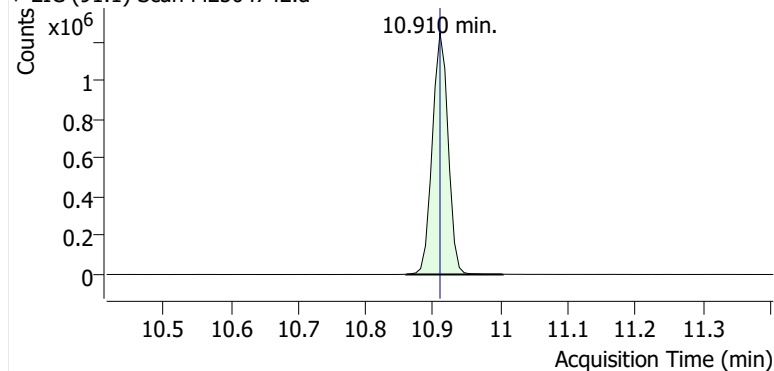
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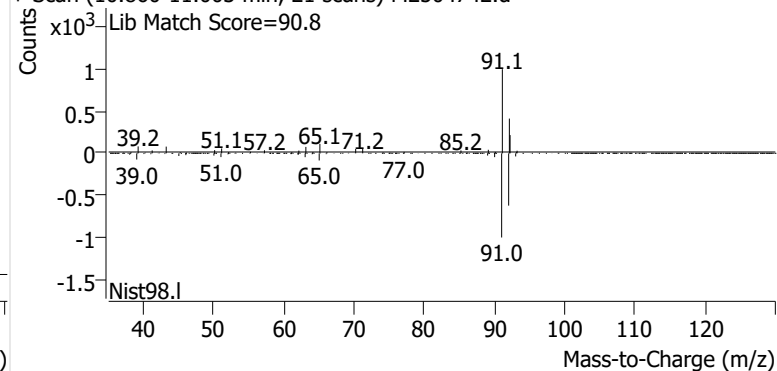
+ Scan (10.760-10.896 min, 20 scans) M2504742.d

**Toluene**

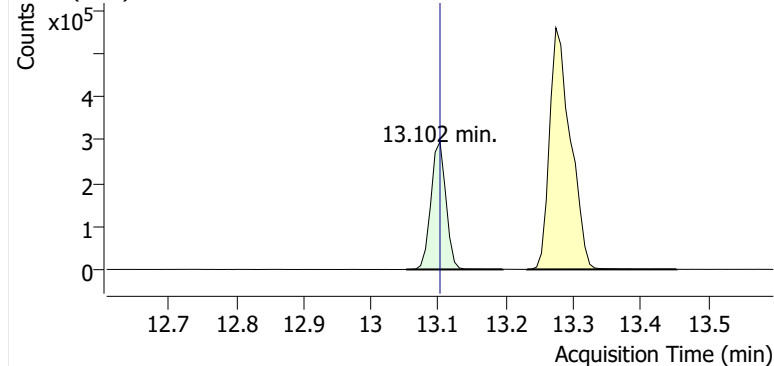
+ EIC (91.1) Scan M2504742.d



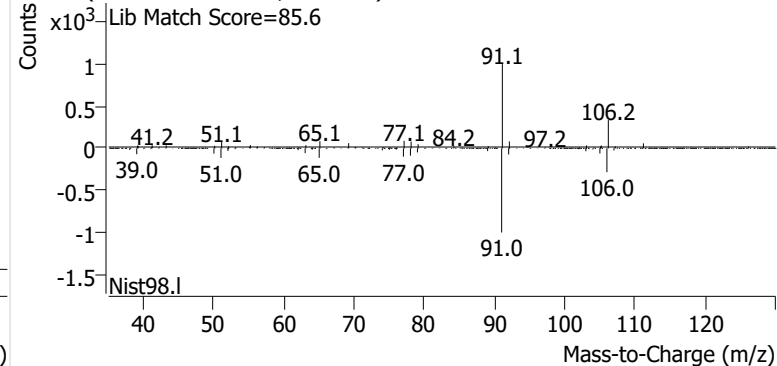
+ Scan (10.860-11.003 min, 21 scans) M2504742.d

**Ethylbenzene**

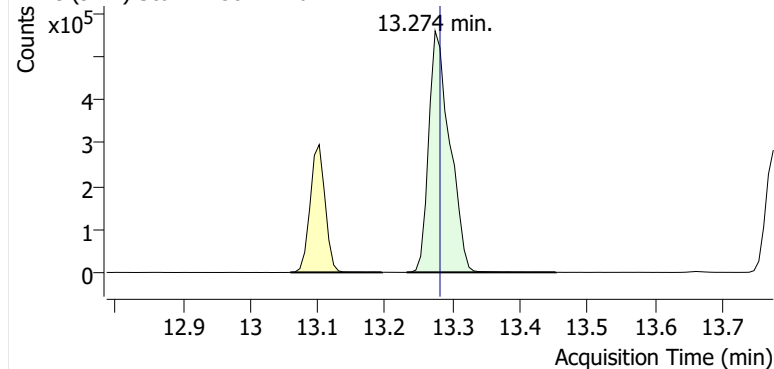
+ EIC (91.1) Scan M2504742.d



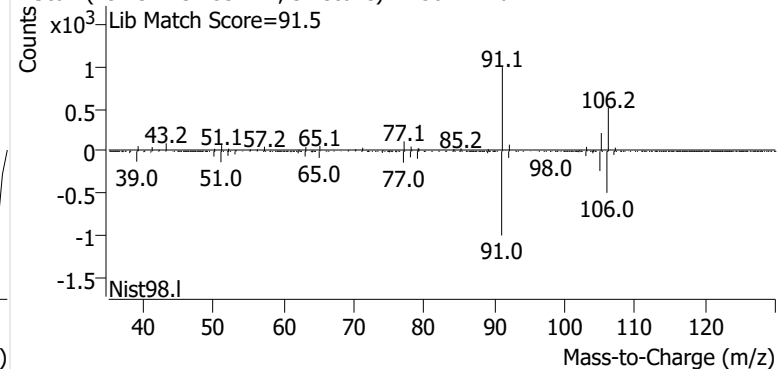
+ Scan (13.052-13.195 min, 21 scans) M2504742.d

**m-/p-Xylenes**

+ EIC (91.1) Scan M2504742.d

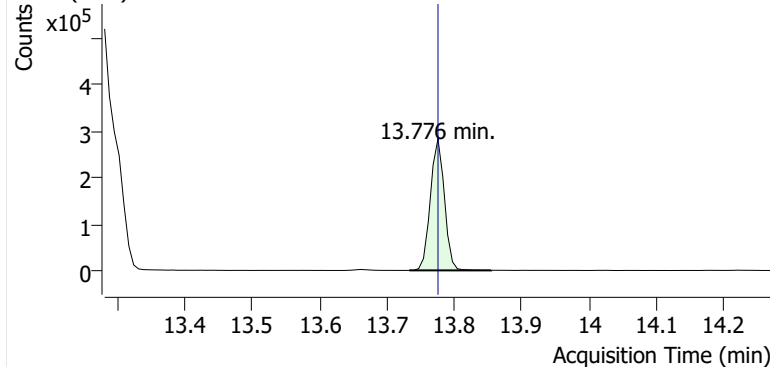


+ Scan (13.232-13.453 min, 31 scans) M2504742.d

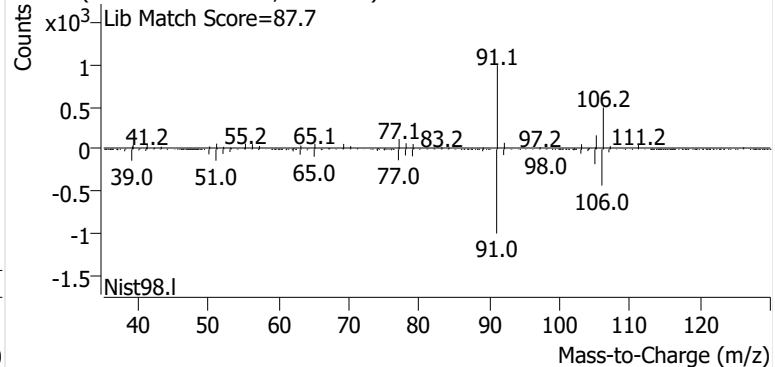


o-Xylene

+ EIC (91.1) Scan M2504742.d

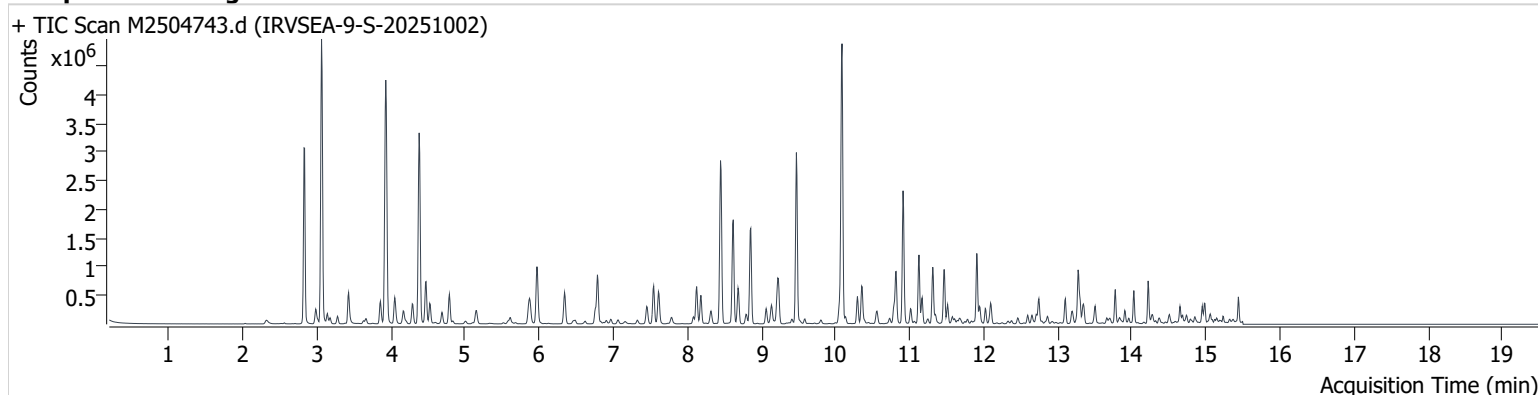


+ Scan (13.733-13.854 min, 17 scans) M2504742.d



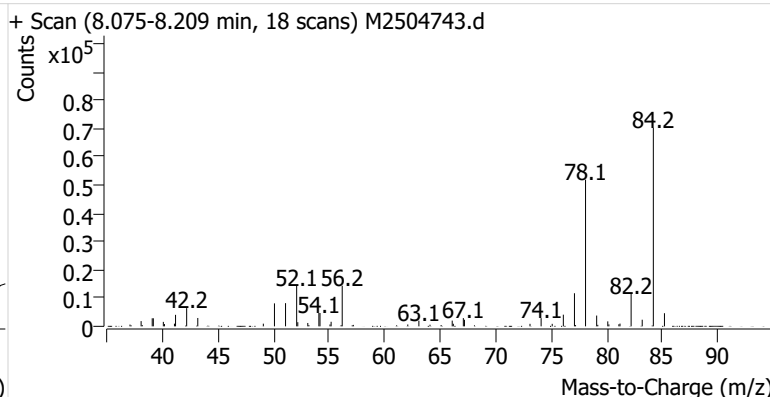
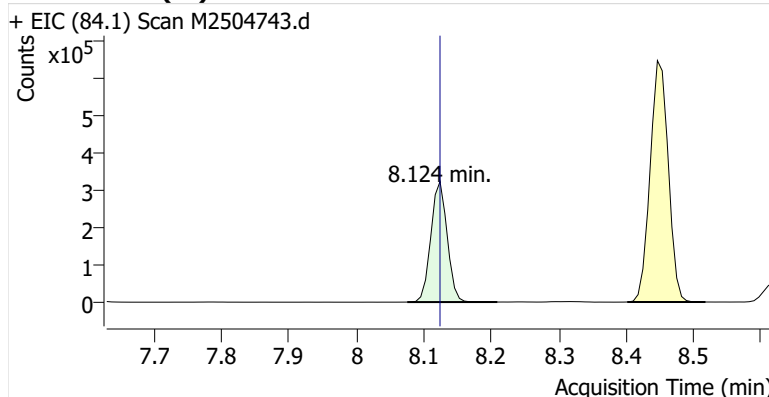
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Comment B14594
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Acq. Date-Time 11/14/2025 12:59:46 AM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

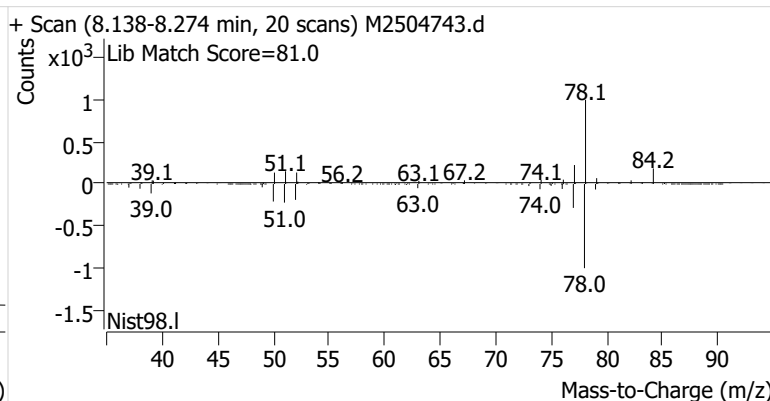
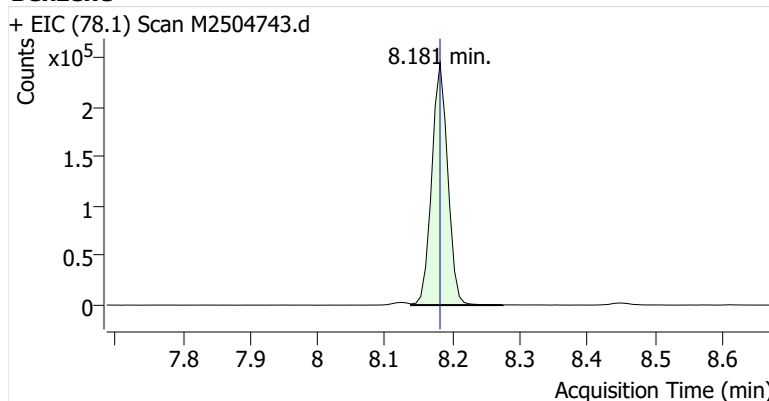


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.124	8.124	543,414	
Benzene	Benzene-d6 (IS)	8.181	8.181	402,336	
Toluene-d8 (IS)		10.817	10.817	567,329	
Toluene	Toluene-d8 (IS)	10.910	10.910	1,419,607	
Ethylbenzene	Toluene-d8 (IS)	13.102	13.102	285,468	
m-/p-Xylenes	Toluene-d8 (IS)	13.274	13.281	693,017	
o-Xylene	Toluene-d8 (IS)	13.776	13.776	249,897	

Benzene-d6 (IS)

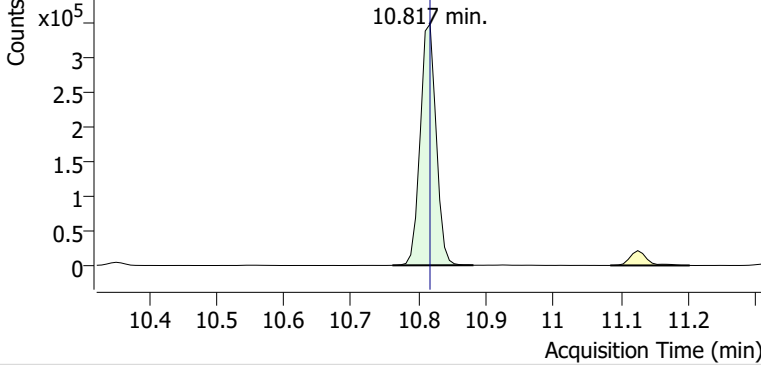


Benzene

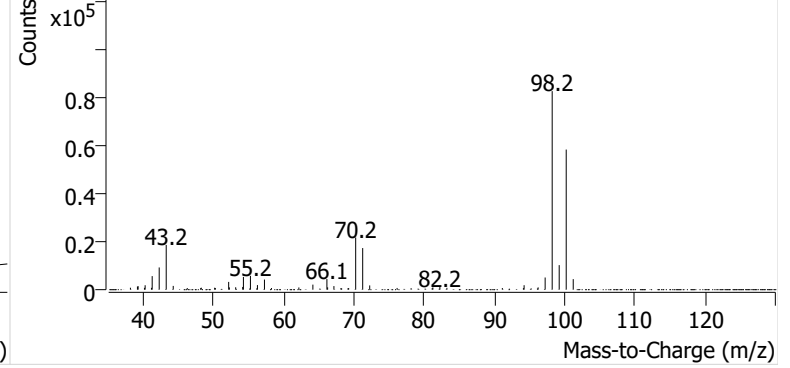


Toluene-d8 (IS)

+ EIC (98.1) Scan M2504743.d

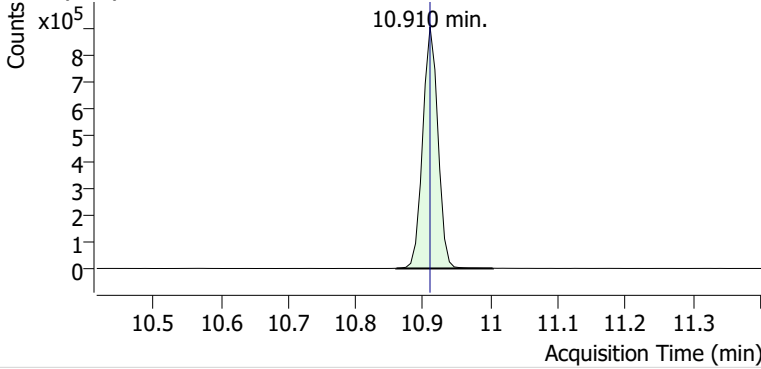


+ Scan (10.761-10.882 min, 16 scans) M2504743.d

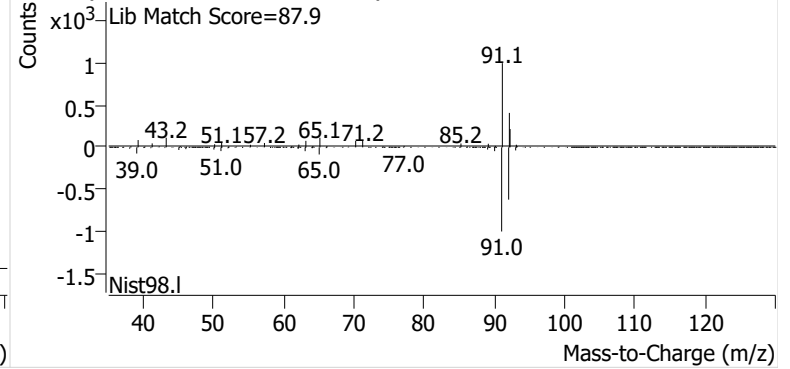


Toluene

+ EIC (91.1) Scan M2504743.d

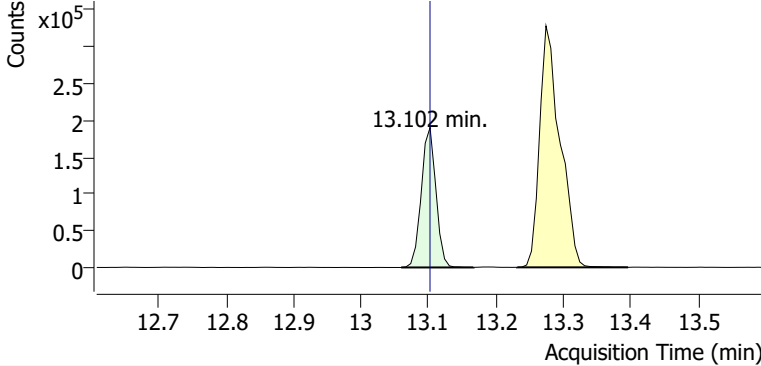


+ Scan (10.860-11.004 min, 21 scans) M2504743.d

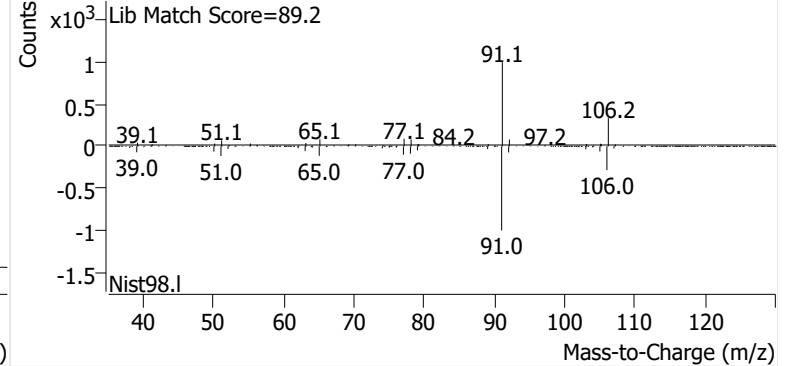


Ethylbenzene

+ EIC (91.1) Scan M2504743.d

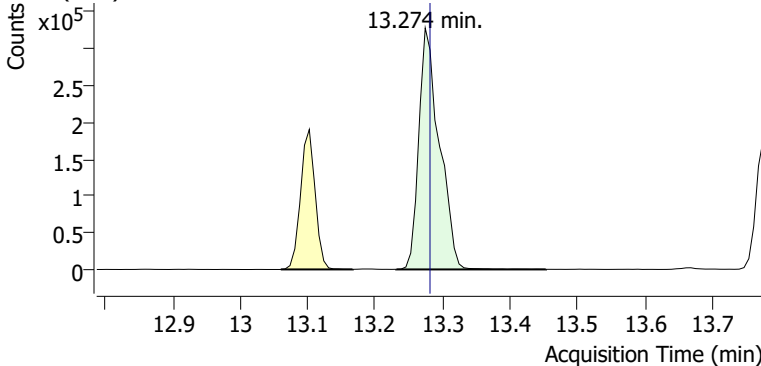


+ Scan (13.059-13.167 min, 15 scans) M2504743.d

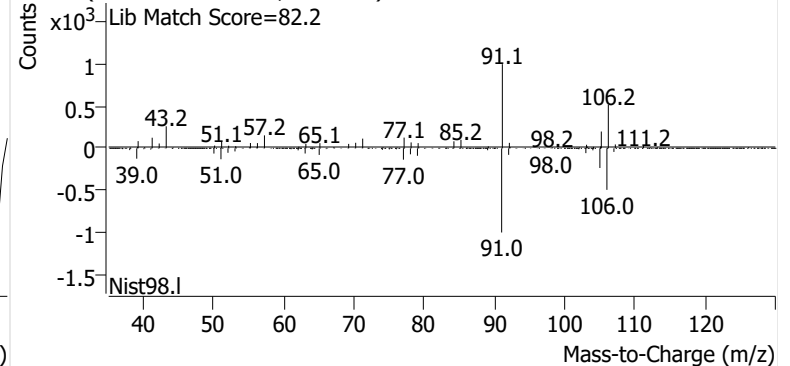


m-/p-Xylenes

+ EIC (91.1) Scan M2504743.d

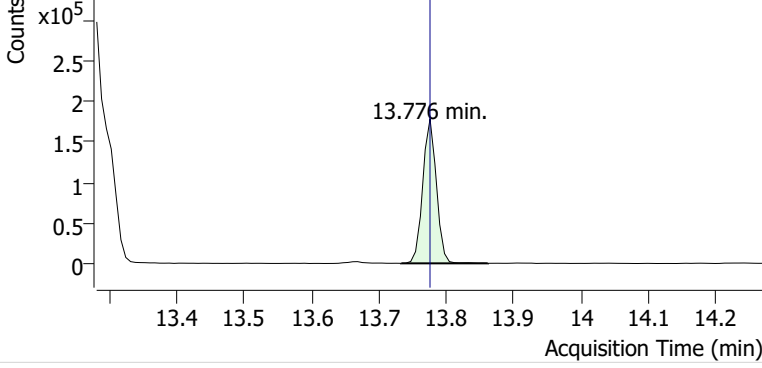


+ Scan (13.231-13.453 min, 32 scans) M2504743.d

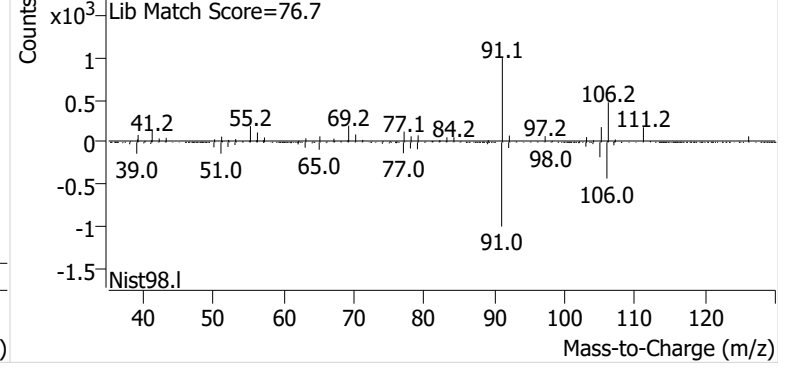


o-Xylene

+ EIC (91.1) Scan M2504743.d

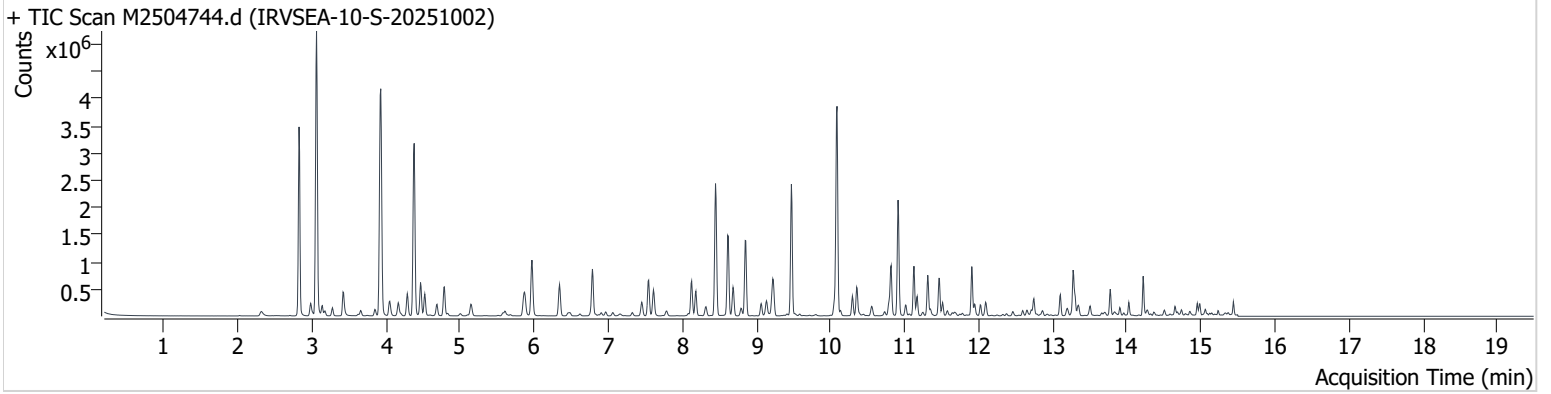


+ Scan (13.733-13.862 min, 19 scans) M2504743.d



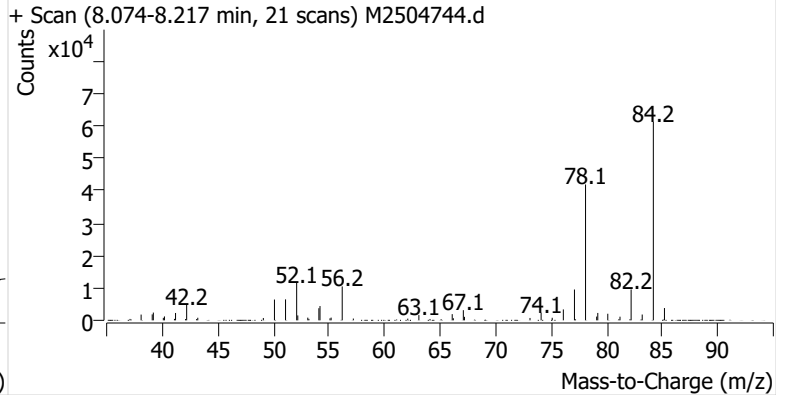
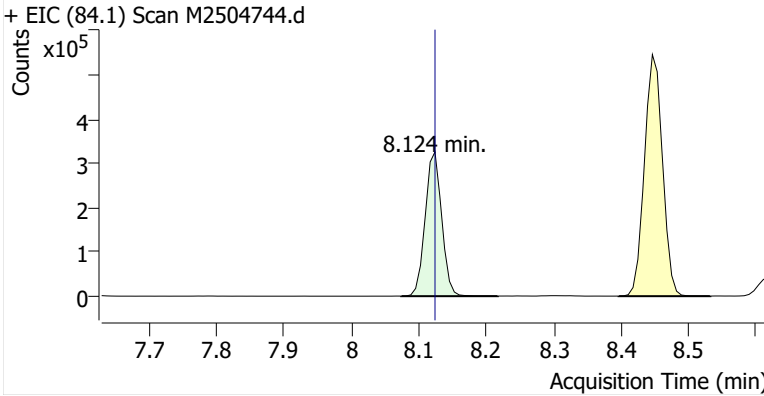
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Comment C24142
Data File M2504744.d
Acq. Date-Time 11/14/2025 1:27:16 AM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

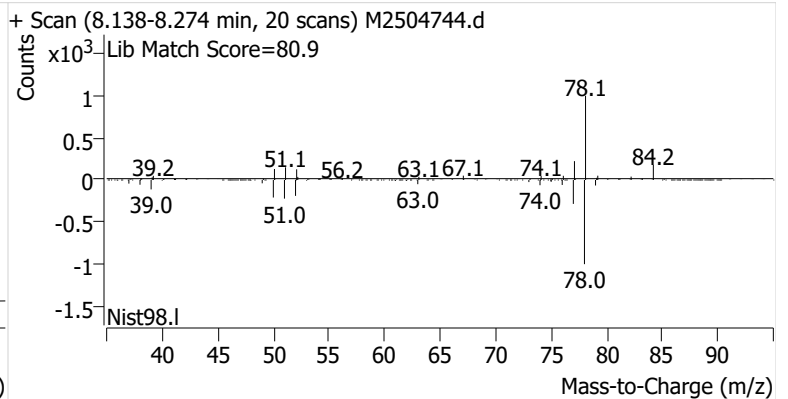
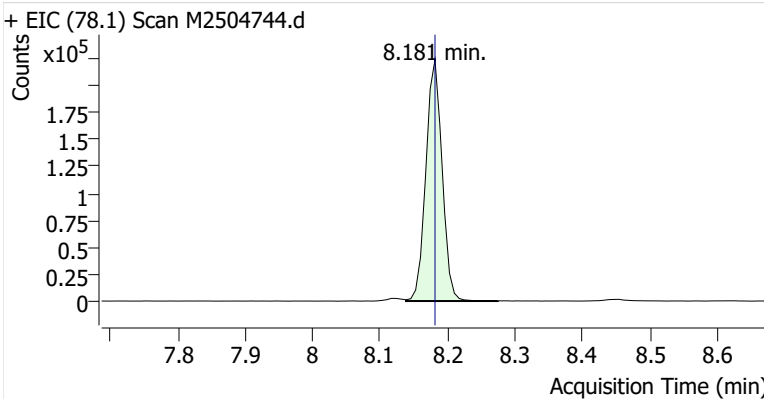


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.124	8.124	552,929	
Benzene	Benzene-d6 (IS)	8.181	8.181	374,472	
Toluene-d8 (IS)		10.817	10.817	572,661	
Toluene	Toluene-d8 (IS)	10.910	10.910	1,333,413	
Ethylbenzene	Toluene-d8 (IS)	13.102	13.102	258,911	
m-/p-Xylenes	Toluene-d8 (IS)	13.274	13.281	610,758	
o-Xylene	Toluene-d8 (IS)	13.776	13.776	221,700	

Benzene-d6 (IS)

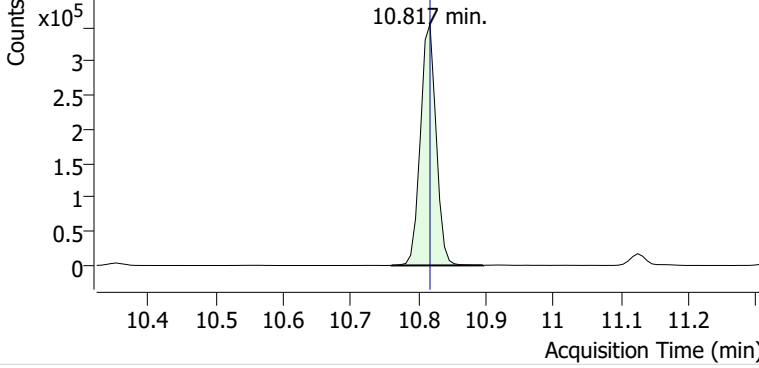


Benzene

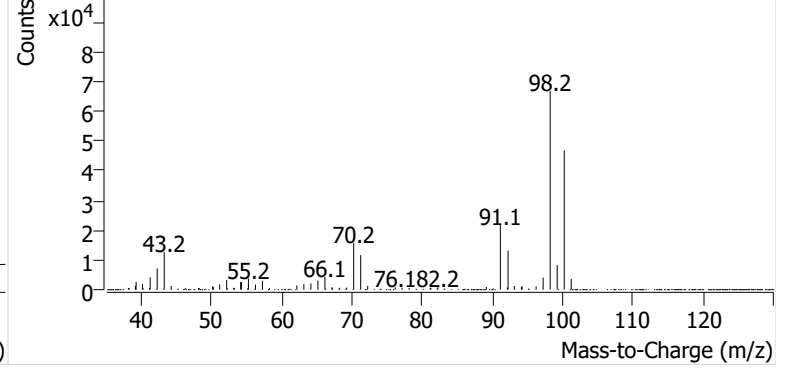


Toluene-d8 (IS)

+ EIC (98.1) Scan M2504744.d

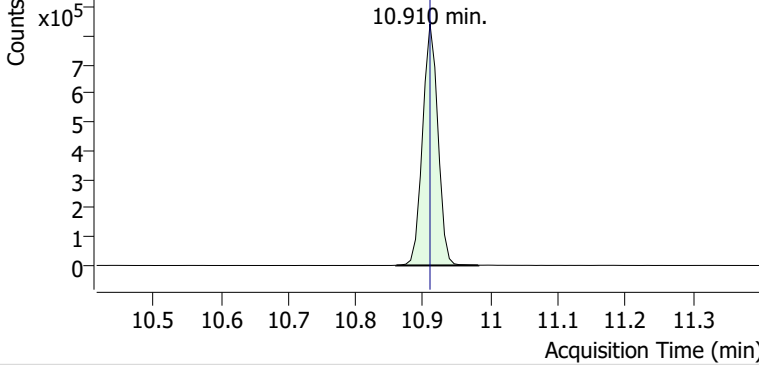


+ Scan (10.760-10.896 min, 20 scans) M2504744.d

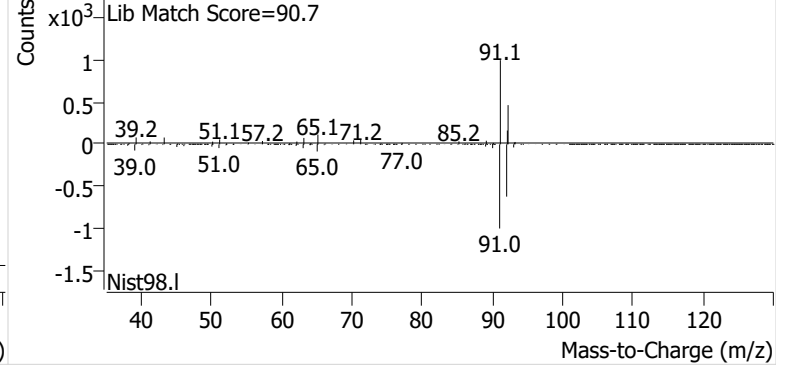


Toluene

+ EIC (91.1) Scan M2504744.d

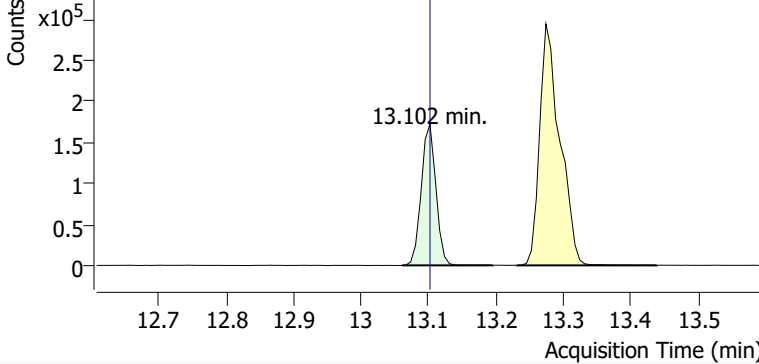


+ Scan (10.860-10.982 min, 18 scans) M2504744.d

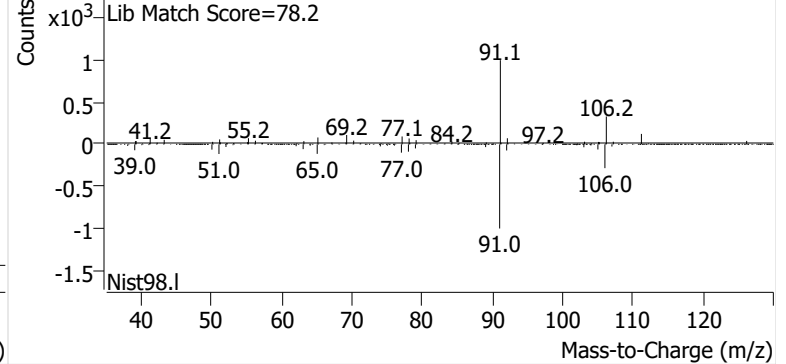


Ethylbenzene

+ EIC (91.1) Scan M2504744.d

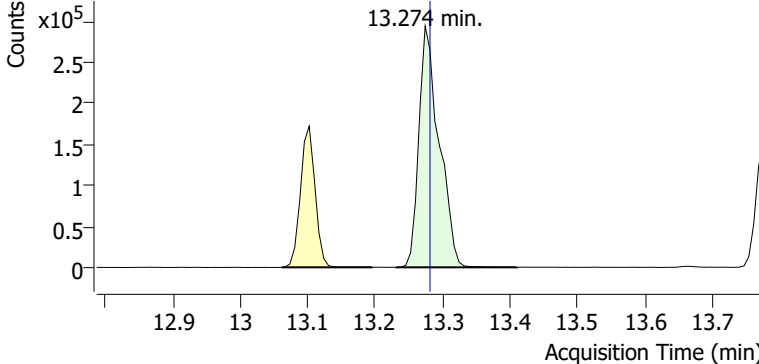


+ Scan (13.061-13.195 min, 19 scans) M2504744.d

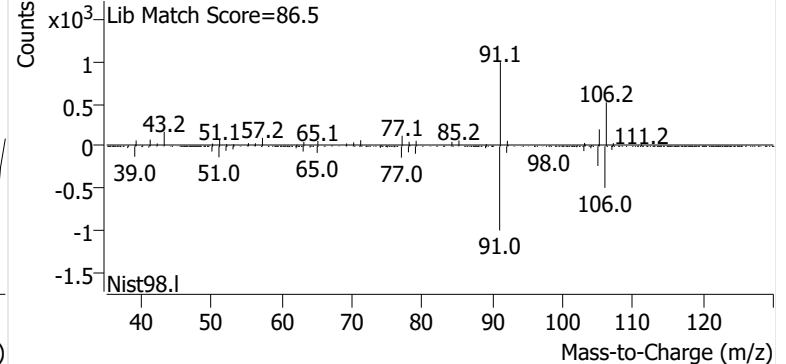


m-/p-Xylenes

+ EIC (91.1) Scan M2504744.d

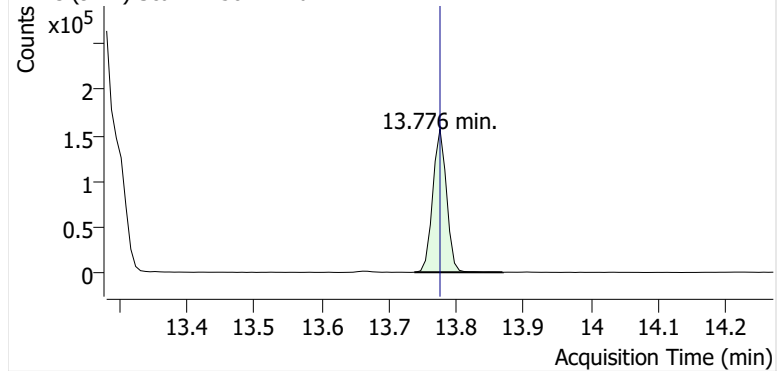


+ Scan (13.231-13.410 min, 26 scans) M2504744.d

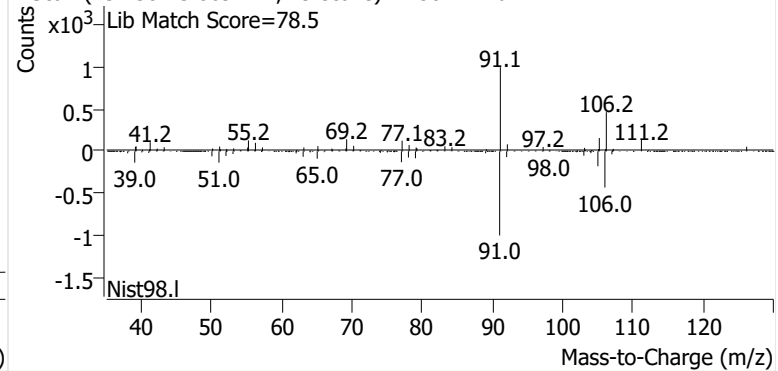


o-Xylene

+ EIC (91.1) Scan M2504744.d

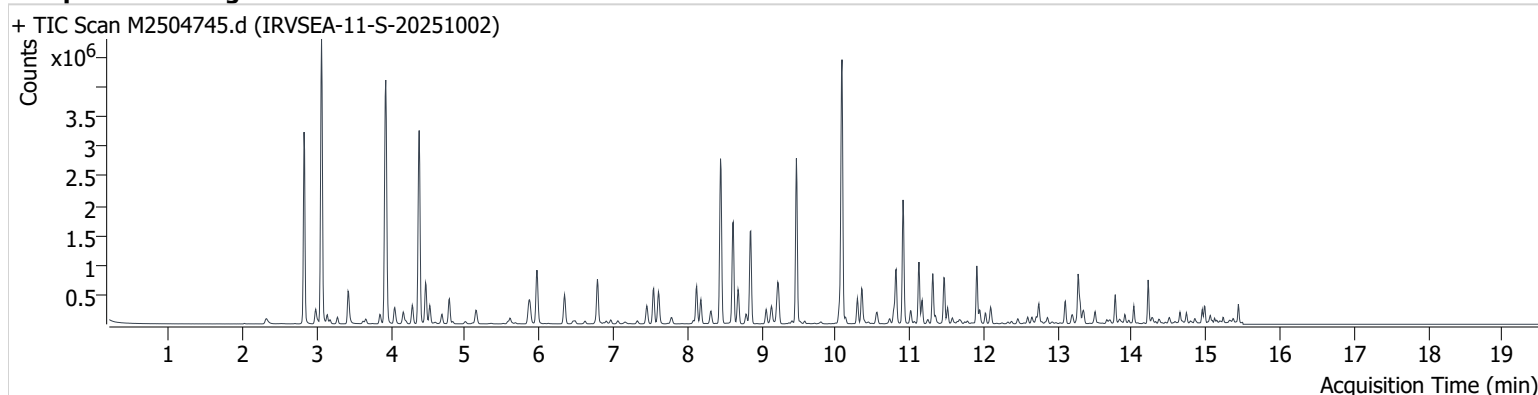


+ Scan (13.738-13.869 min, 19 scans) M2504744.d



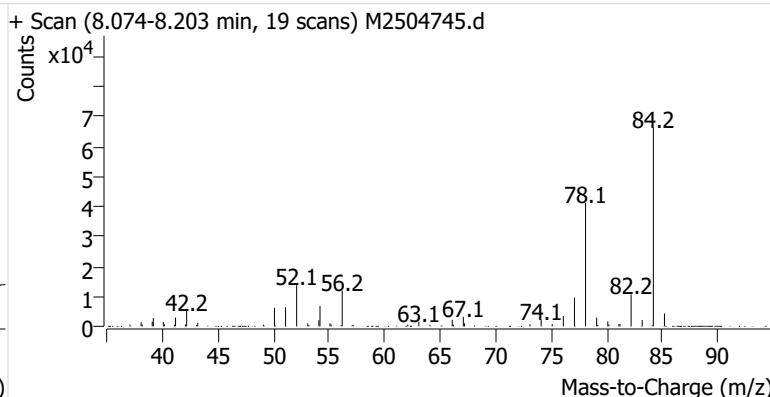
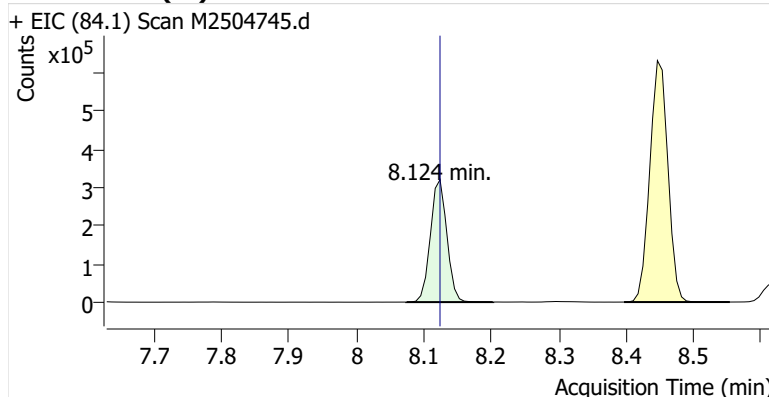
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Comment C38586
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Acq. Date-Time 11/14/2025 1:55:07 AM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

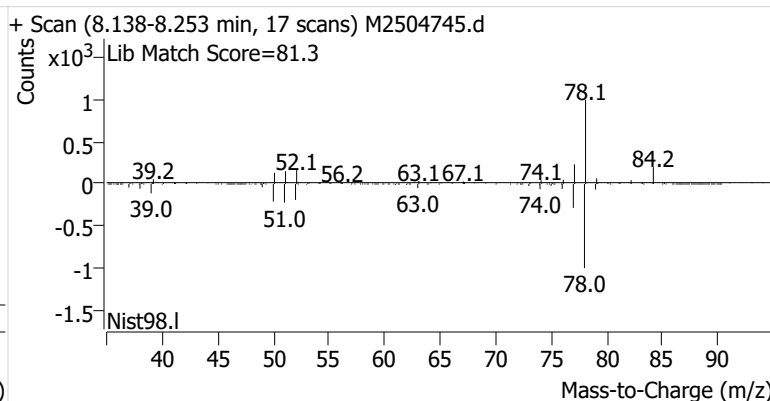
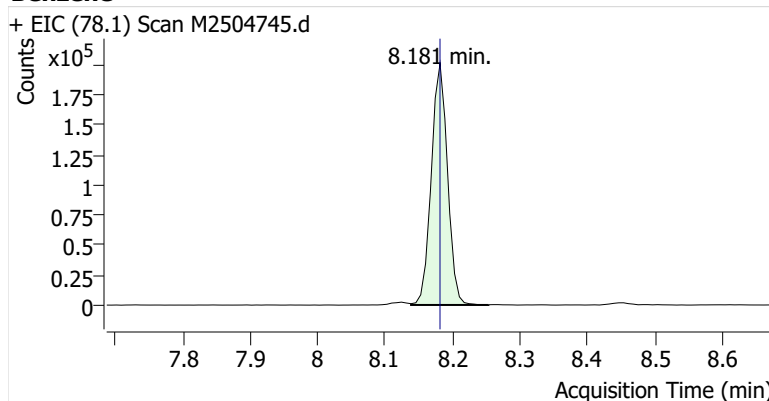


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.124	8.124	543,172	
Benzene	Benzene-d6 (IS)	8.181	8.181	335,828	
Toluene-d8 (IS)		10.817	10.817	575,300	
Toluene	Toluene-d8 (IS)	10.910	10.910	1,318,619	
Ethylbenzene	Toluene-d8 (IS)	13.102	13.102	254,662	
m-/p-Xylenes	Toluene-d8 (IS)	13.274	13.281	609,903	
o-Xylene	Toluene-d8 (IS)	13.776	13.776	215,552	

Benzene-d6 (IS)

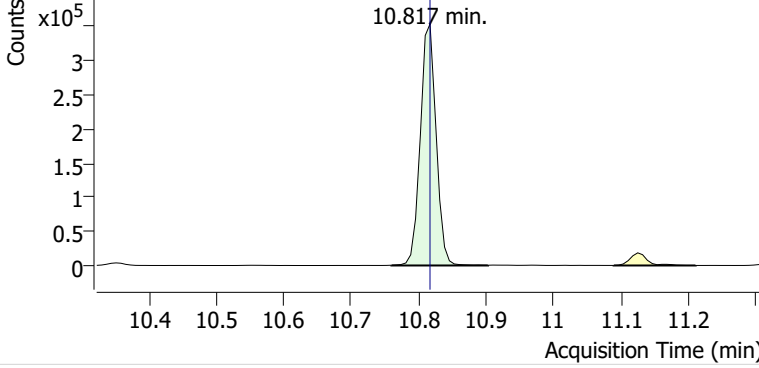


Benzene

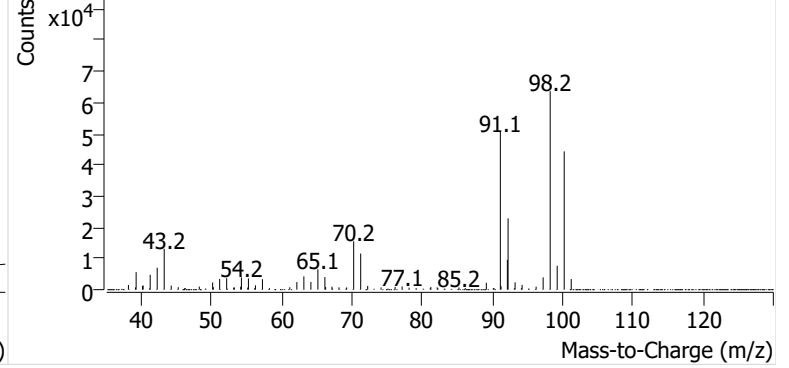


Toluene-d8 (IS)

+ EIC (98.1) Scan M2504745.d

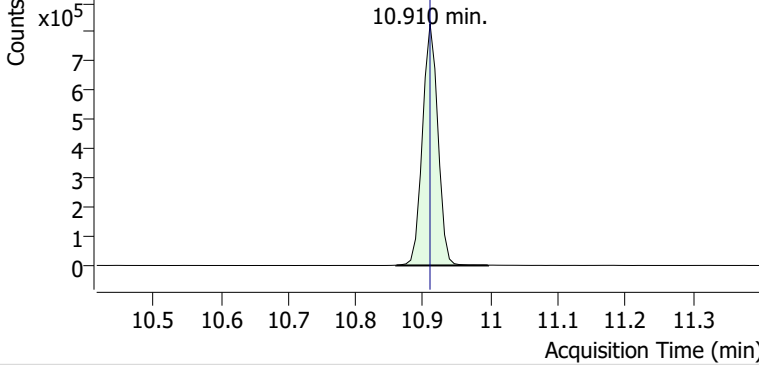


+ Scan (10.760-10.903 min, 21 scans) M2504745.d

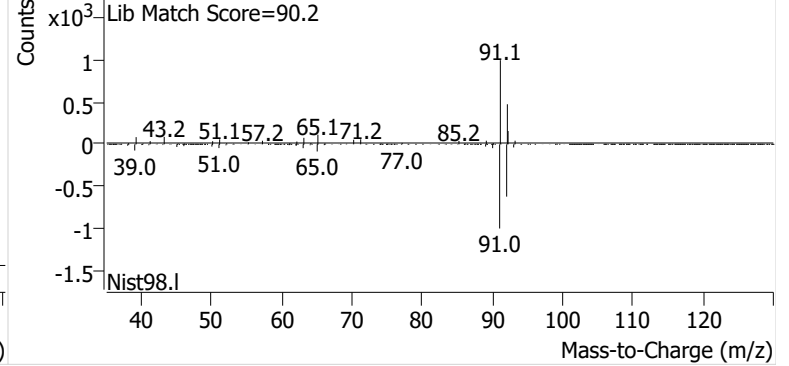


Toluene

+ EIC (91.1) Scan M2504745.d

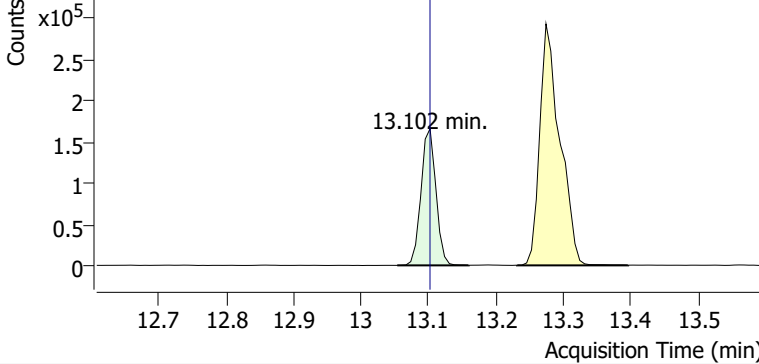


+ Scan (10.860-10.996 min, 20 scans) M2504745.d

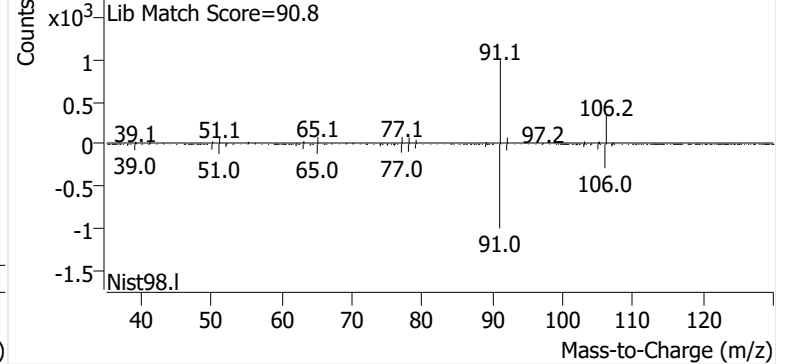


Ethylbenzene

+ EIC (91.1) Scan M2504745.d

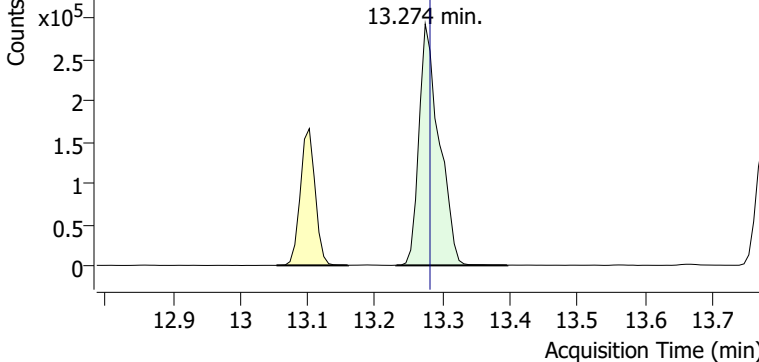


+ Scan (13.054-13.160 min, 15 scans) M2504745.d

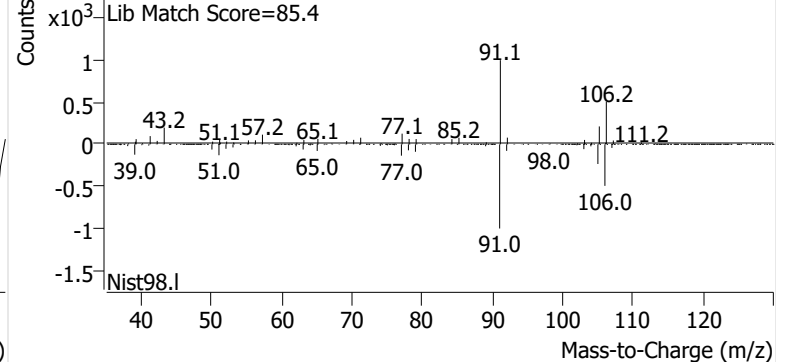


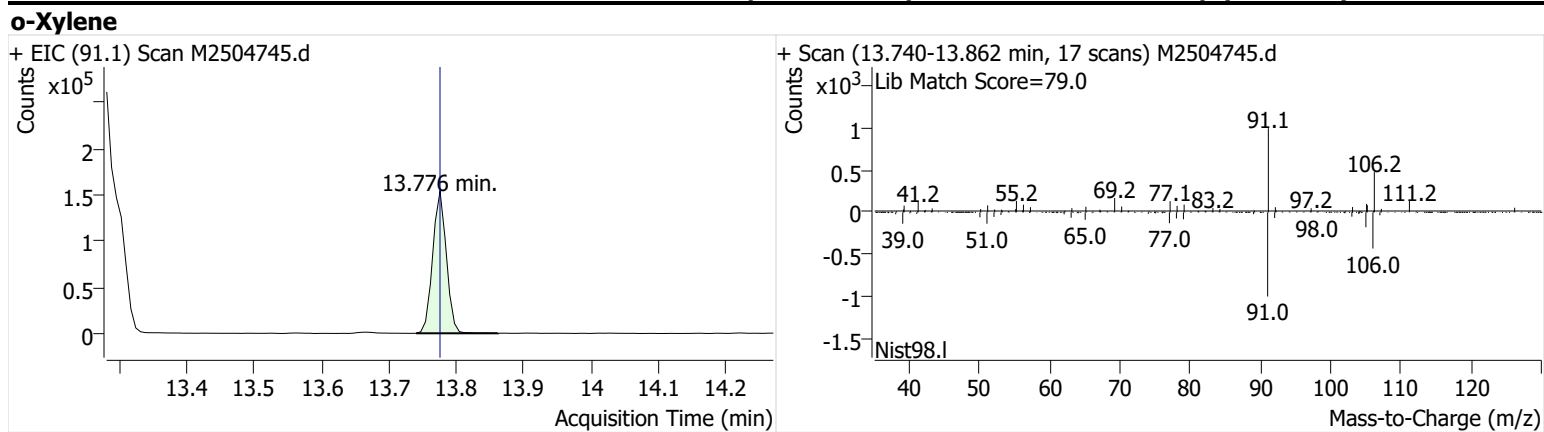
m-/p-Xylenes

+ EIC (91.1) Scan M2504745.d



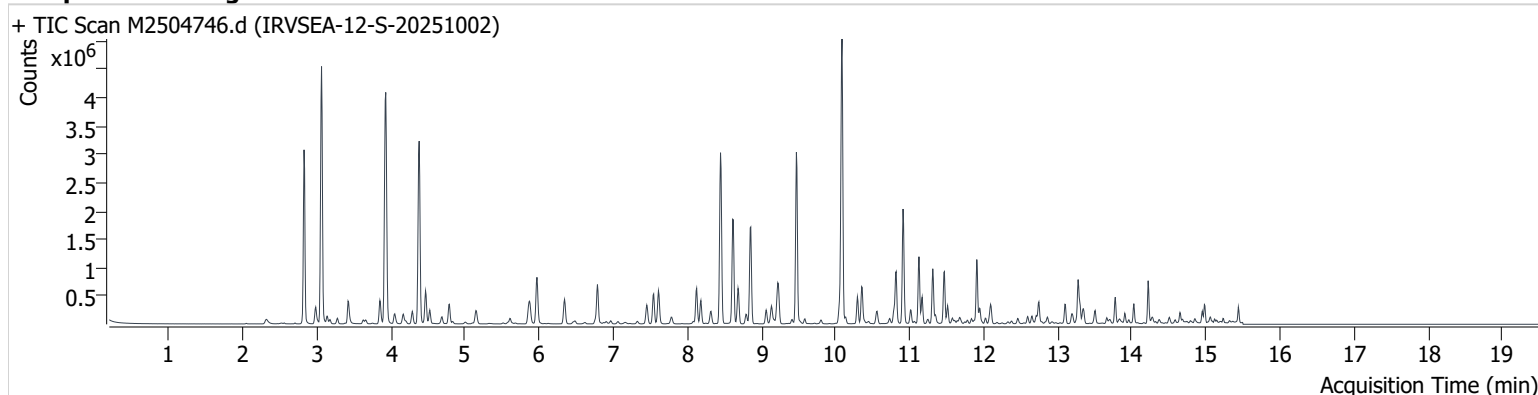
+ Scan (13.231-13.396 min, 24 scans) M2504745.d





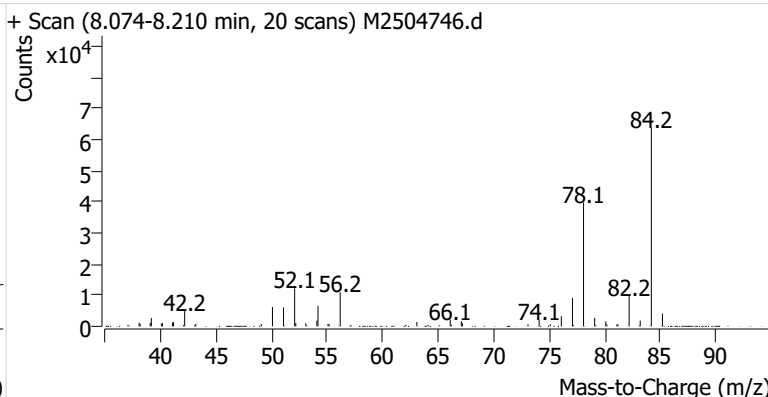
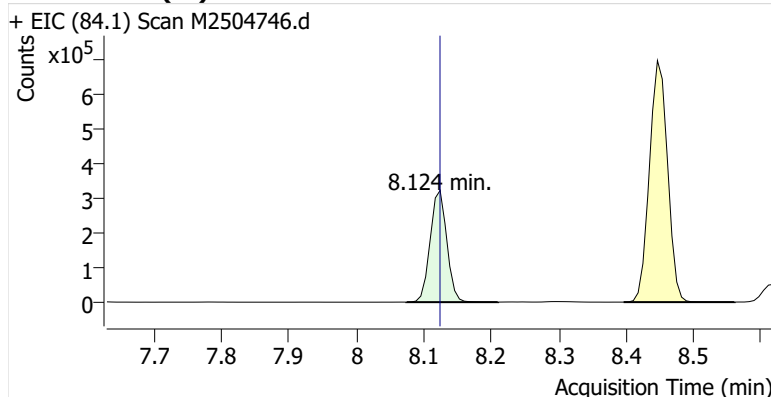
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Acq. Date-Time 11/14/2025 2:22:39 AM
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Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

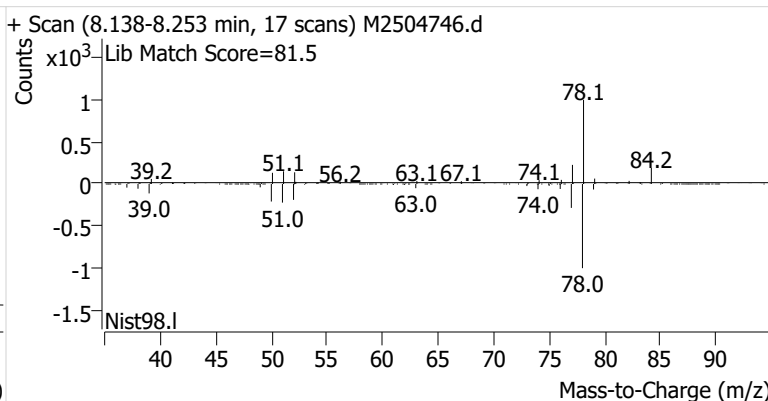
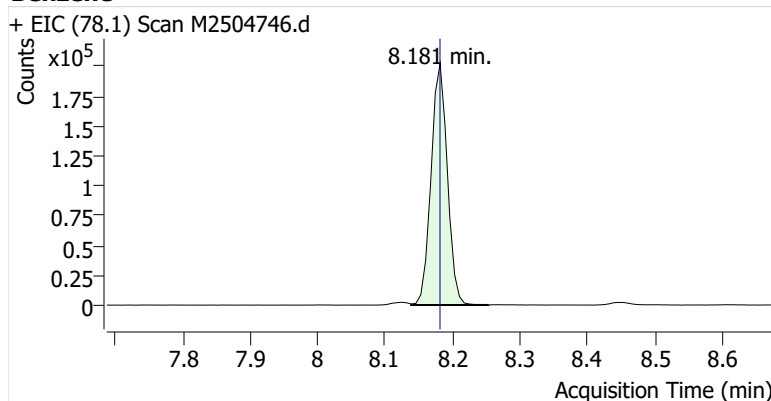


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.124	8.124	549,758	
Benzene	Benzene-d6 (IS)	8.181	8.181	338,891	
Toluene-d8 (IS)		10.817	10.817	579,256	
Toluene	Toluene-d8 (IS)	10.911	10.910	1,261,645	
Ethylbenzene	Toluene-d8 (IS)	13.102	13.102	230,964	
m-/p-Xylenes	Toluene-d8 (IS)	13.274	13.281	561,002	
o-Xylene	Toluene-d8 (IS)	13.776	13.776	205,642	

Benzene-d6 (IS)

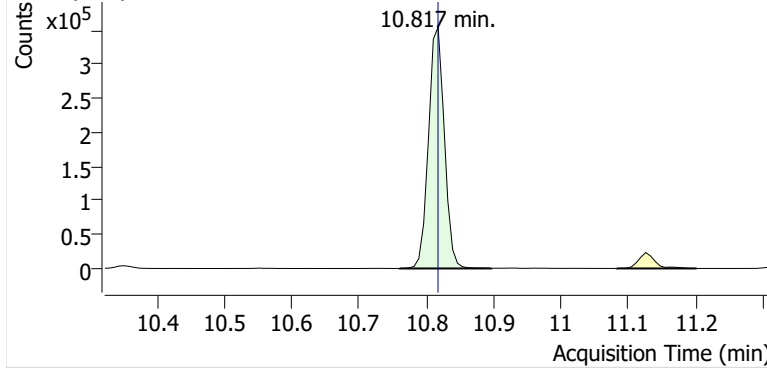


Benzene

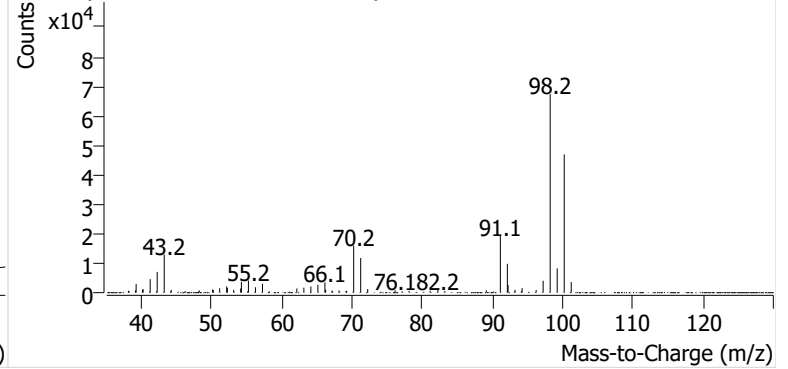


Toluene-d8 (IS)

+ EIC (98.1) Scan M2504746.d

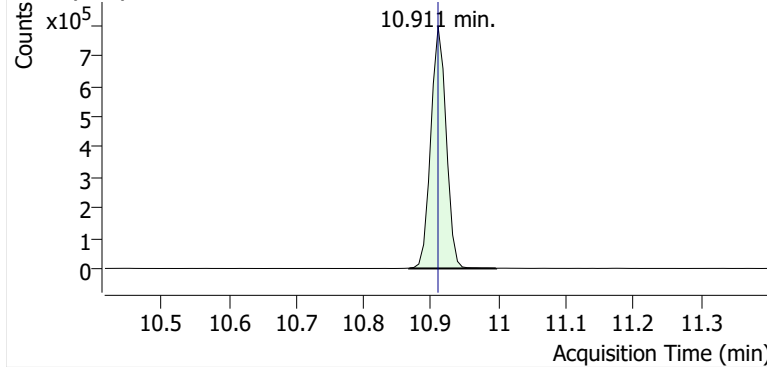


+ Scan (10.760-10.896 min, 20 scans) M2504746.d

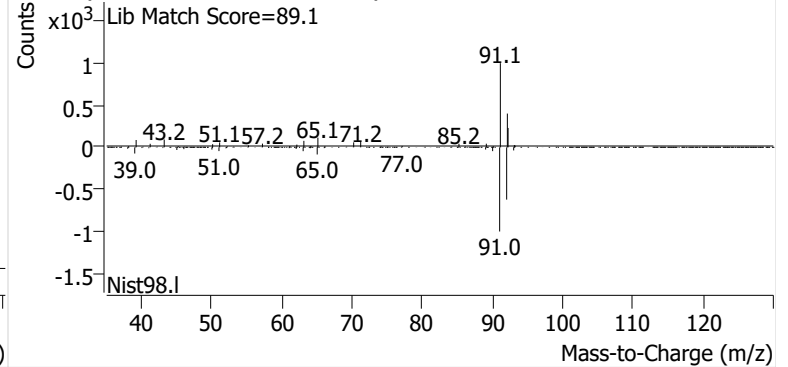


Toluene

+ EIC (91.1) Scan M2504746.d

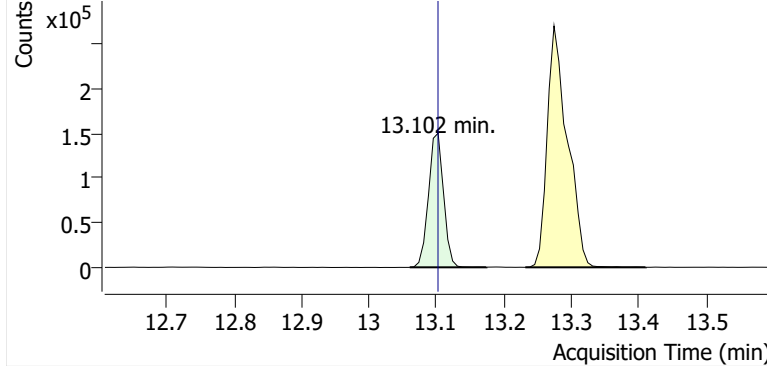


+ Scan (10.868-10.997 min, 19 scans) M2504746.d

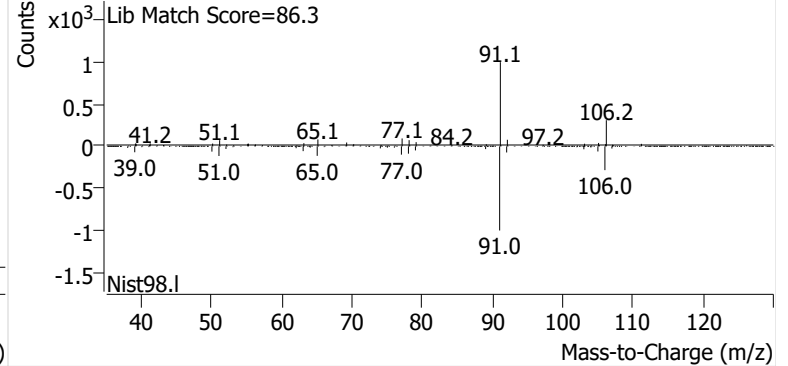


Ethylbenzene

+ EIC (91.1) Scan M2504746.d

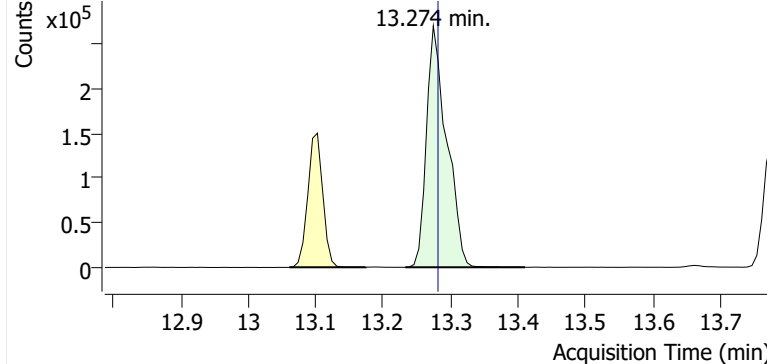


+ Scan (13.060-13.174 min, 16 scans) M2504746.d

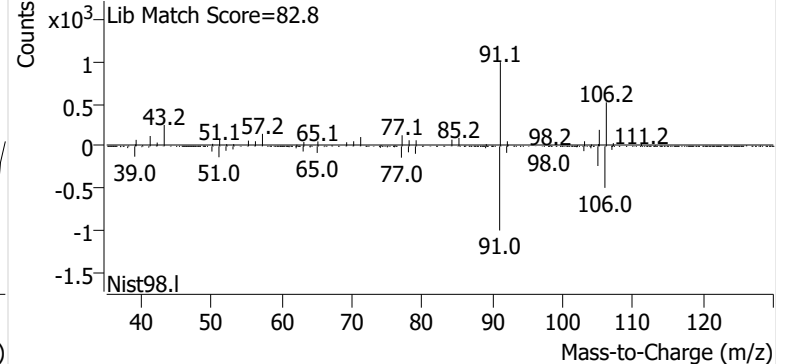


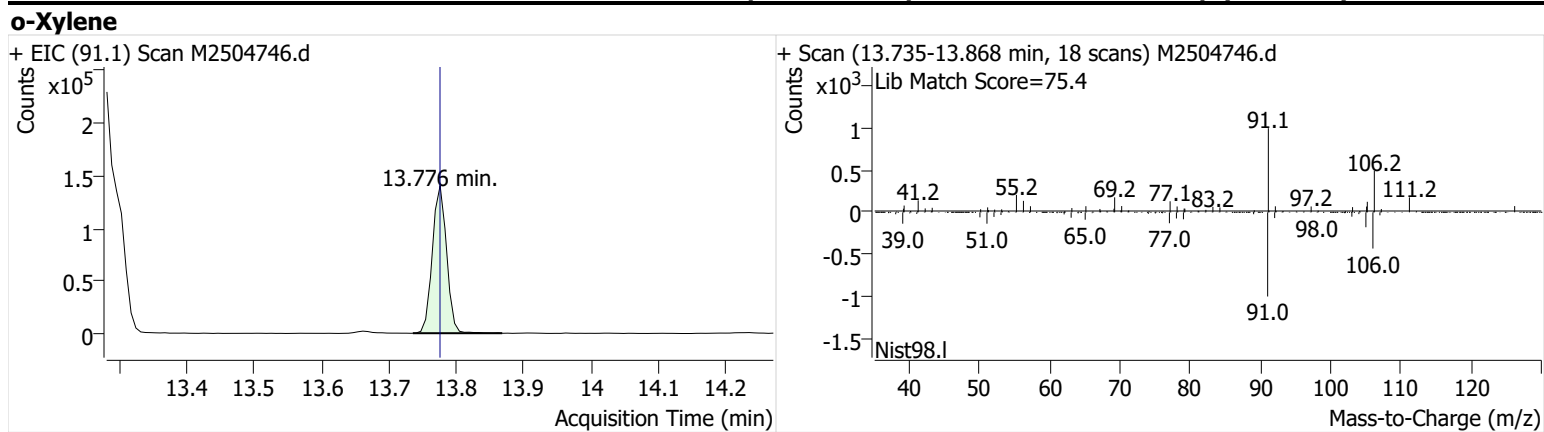
m-/p-Xylenes

+ EIC (91.1) Scan M2504746.d



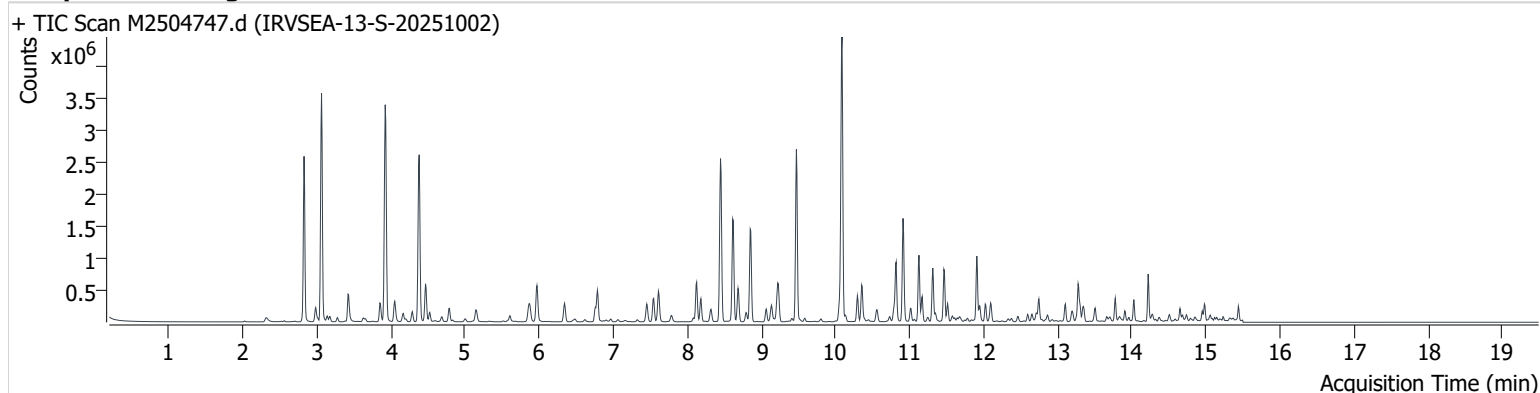
+ Scan (13.233-13.410 min, 25 scans) M2504746.d





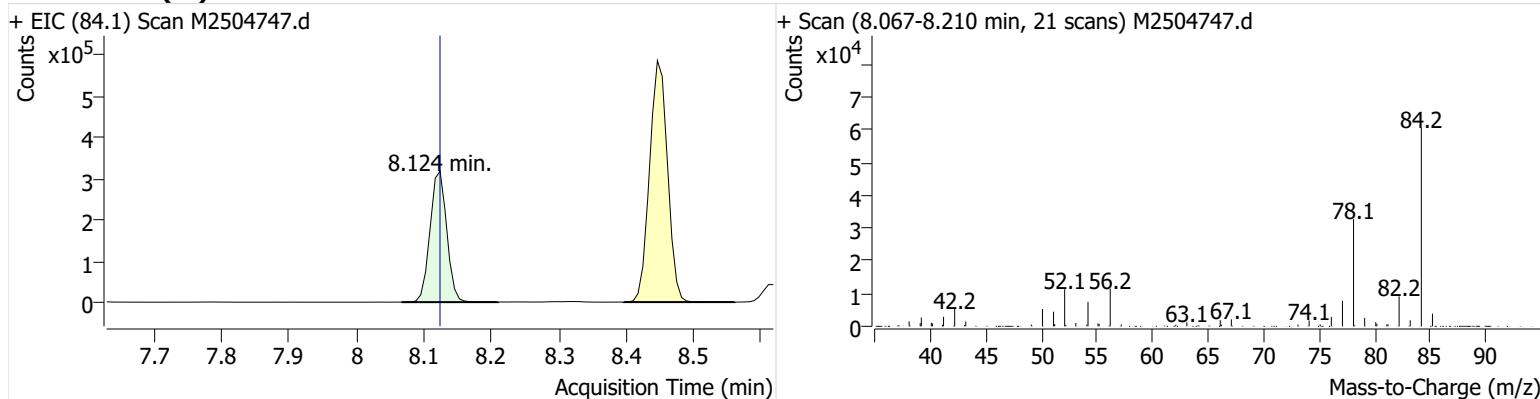
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Comment B48057
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Acq. Date-Time 11/14/2025 2:50:09 AM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

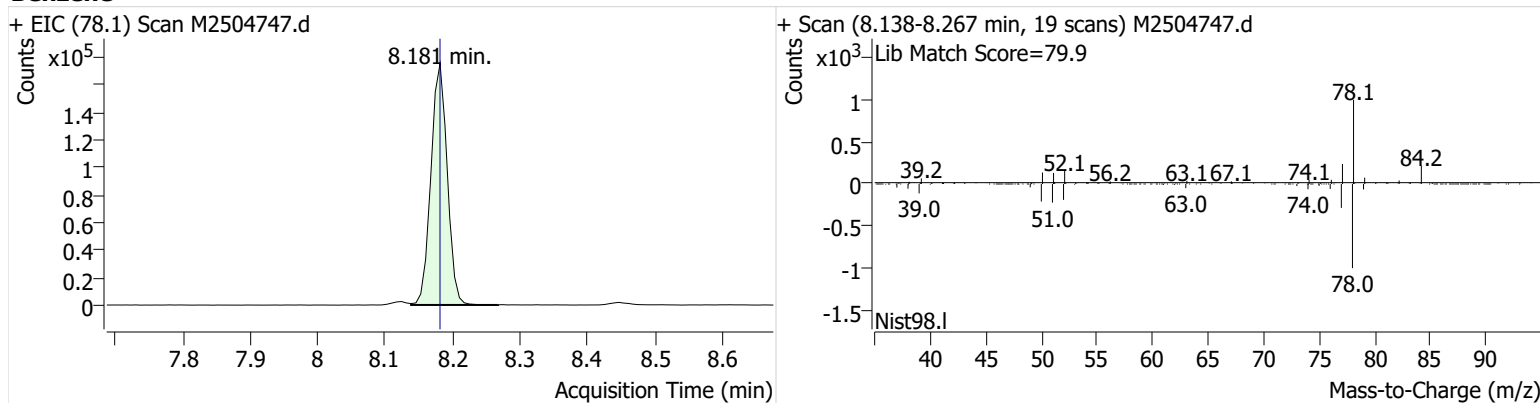


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.124	8.124	547,078	
Benzene	Benzene-d6 (IS)	8.181	8.181	294,068	
Toluene-d8 (IS)		10.817	10.817	570,088	
Toluene	Toluene-d8 (IS)	10.910	10.910	989,464	
Ethylbenzene	Toluene-d8 (IS)	13.102	13.102	182,040	
m-/p-Xylenes	Toluene-d8 (IS)	13.274	13.281	421,413	
o-Xylene	Toluene-d8 (IS)	13.776	13.776	147,489	

Benzene-d6 (IS)

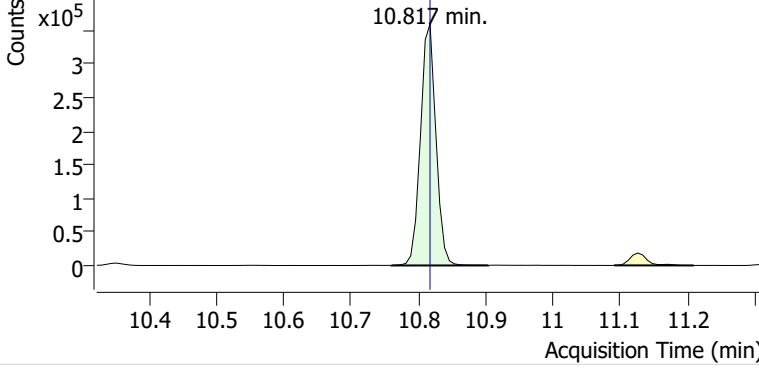


Benzene

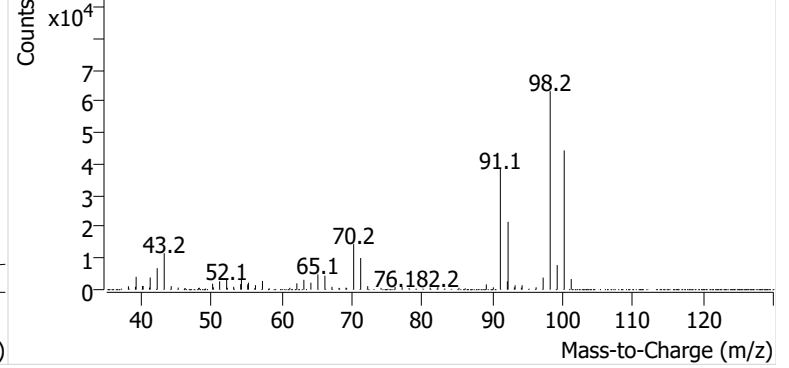


Toluene-d8 (IS)

+ EIC (98.1) Scan M2504747.d

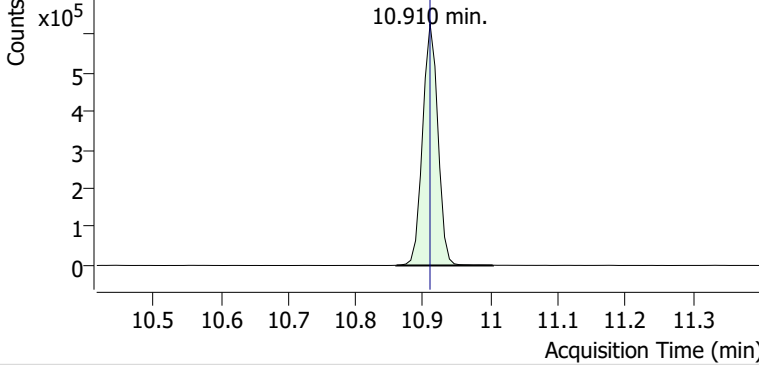


+ Scan (10.760-10.903 min, 21 scans) M2504747.d

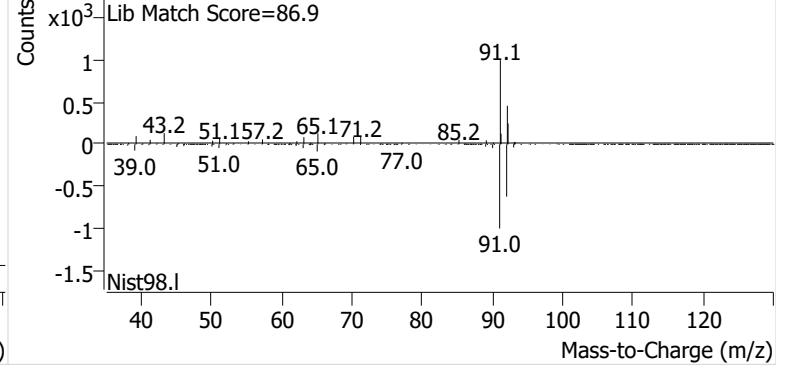


Toluene

+ EIC (91.1) Scan M2504747.d

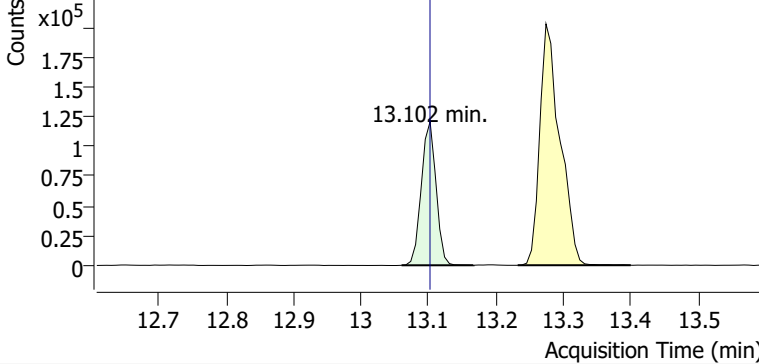


+ Scan (10.860-11.004 min, 21 scans) M2504747.d

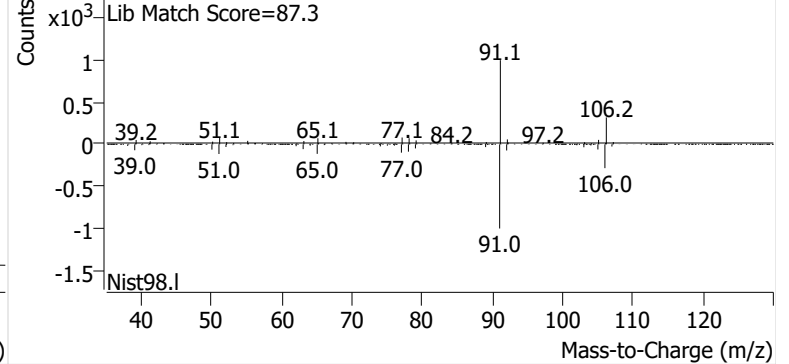


Ethylbenzene

+ EIC (91.1) Scan M2504747.d

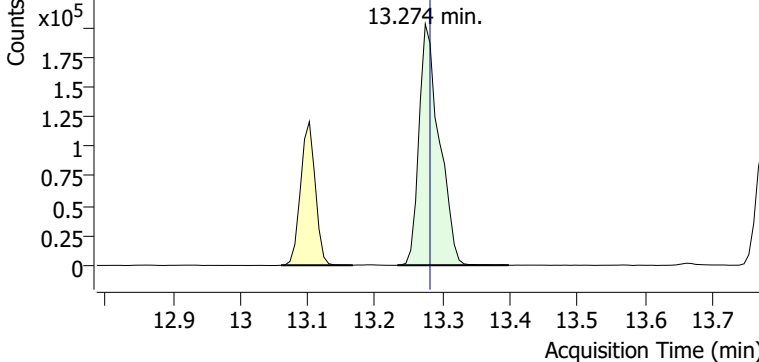


+ Scan (13.060-13.167 min, 15 scans) M2504747.d

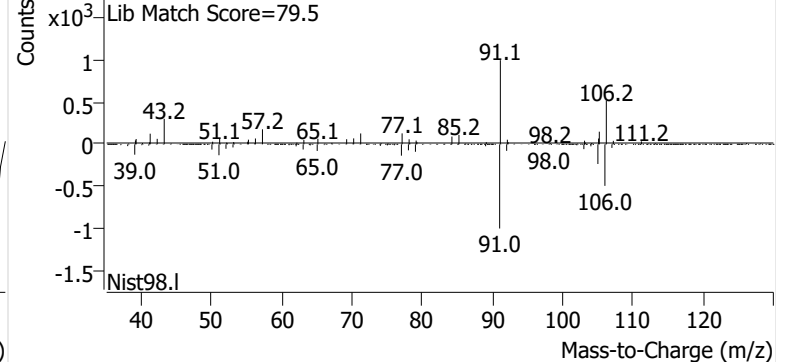


m-/p-Xylenes

+ EIC (91.1) Scan M2504747.d

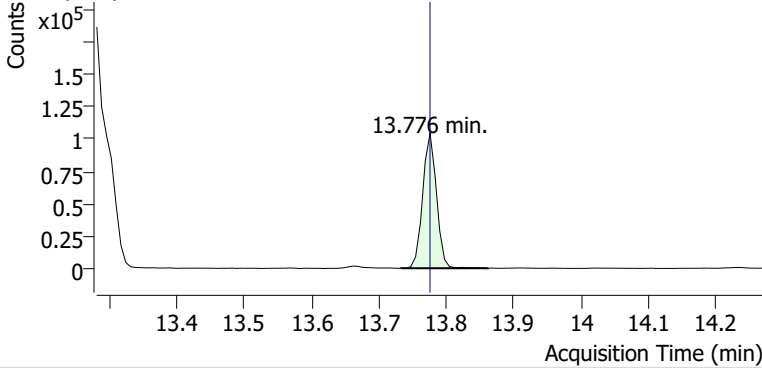


+ Scan (13.233-13.398 min, 23 scans) M2504747.d

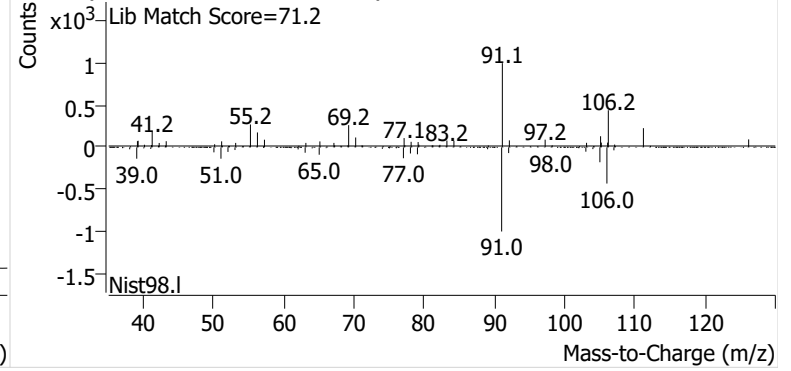


o-Xylene

+ EIC (91.1) Scan M2504747.d

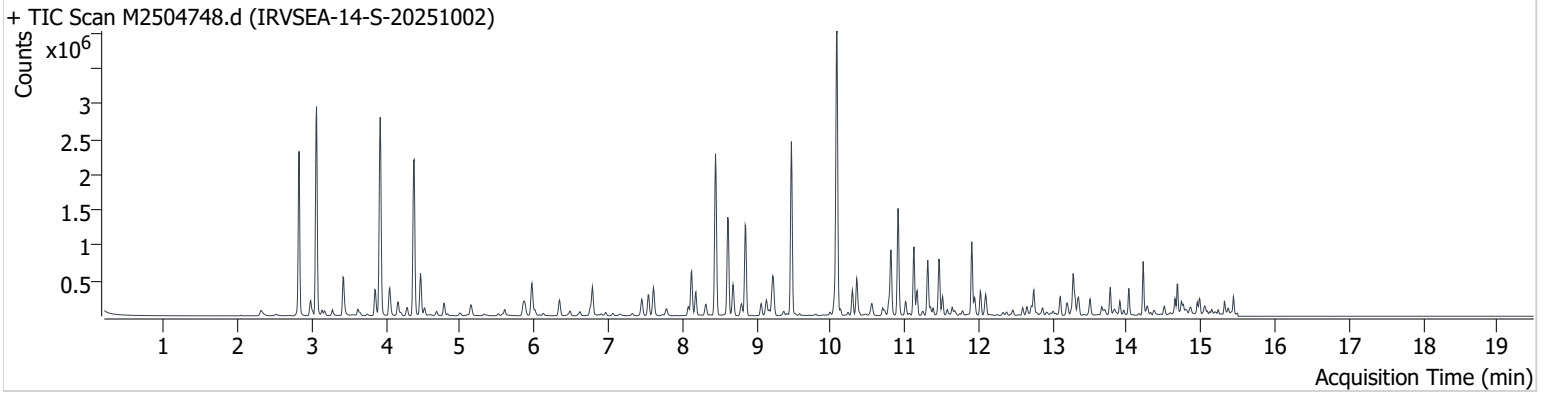


+ Scan (13.733-13.862 min, 19 scans) M2504747.d



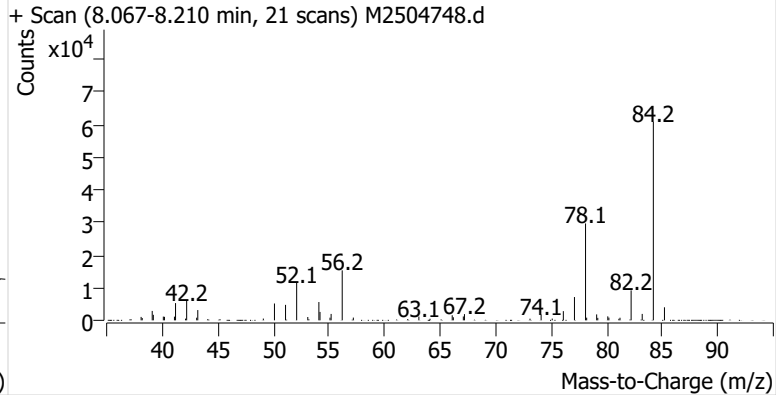
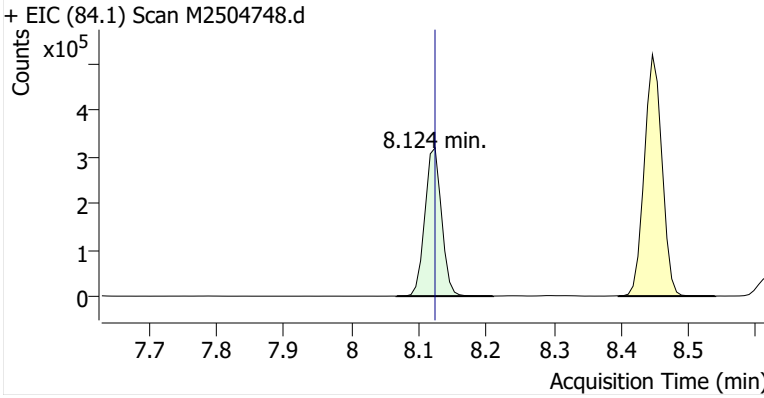
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Comment B49508
Data File M2504748.d
Acq. Date-Time 11/14/2025 3:17:26 AM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

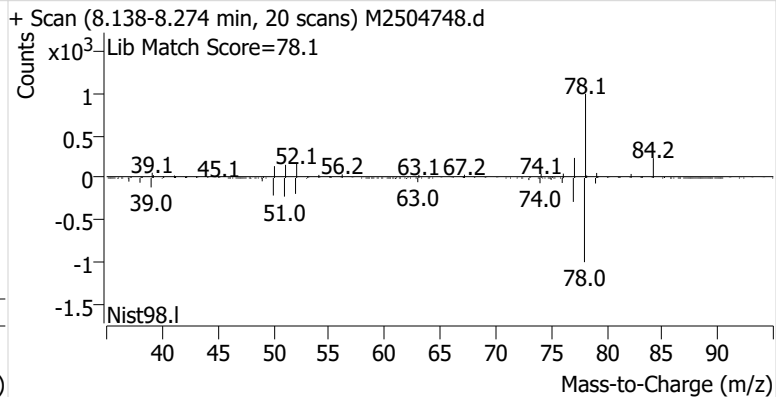
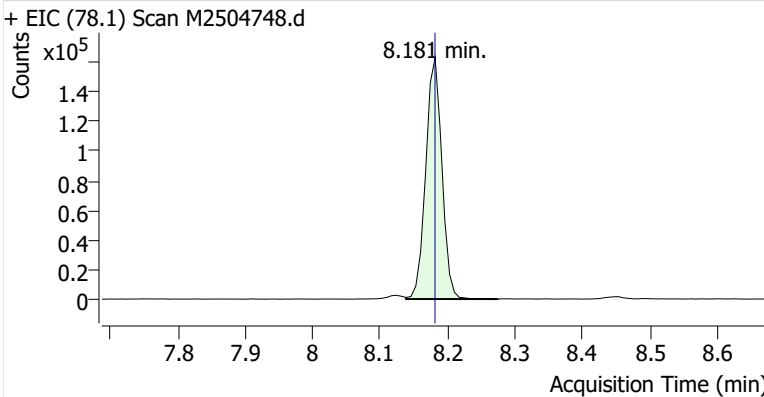


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.124	8.124	549,194	
Benzene	Benzene-d6 (IS)	8.181	8.181	271,062	
Toluene-d8 (IS)		10.817	10.817	577,079	
Toluene	Toluene-d8 (IS)	10.911	10.910	903,369	
Ethylbenzene	Toluene-d8 (IS)	13.102	13.102	173,314	
m-/p-Xylenes	Toluene-d8 (IS)	13.274	13.281	420,238	
o-Xylene	Toluene-d8 (IS)	13.776	13.776	152,774	

Benzene-d6 (IS)

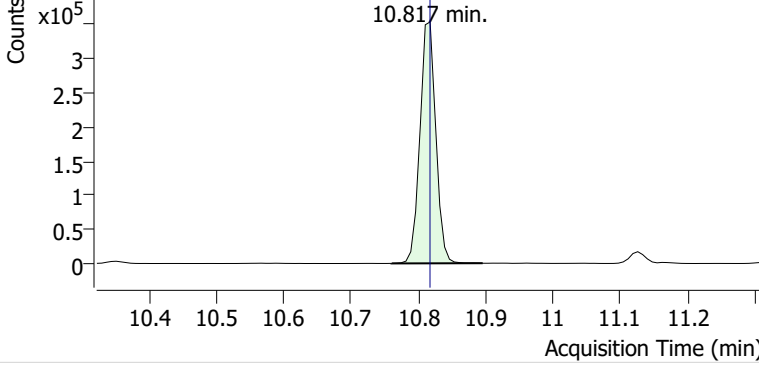


Benzene

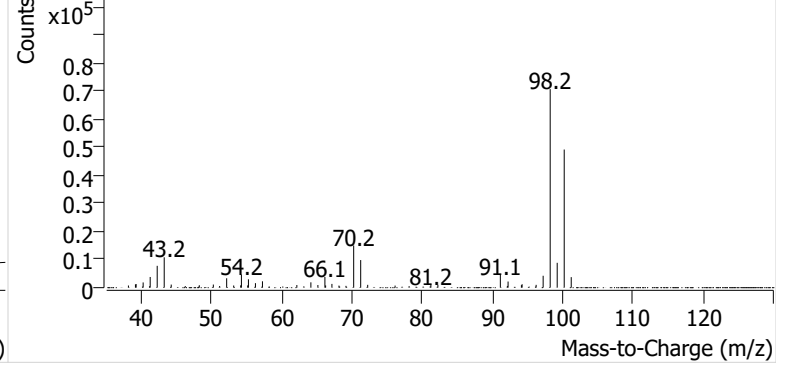


Toluene-d8 (IS)

+ EIC (98.1) Scan M2504748.d

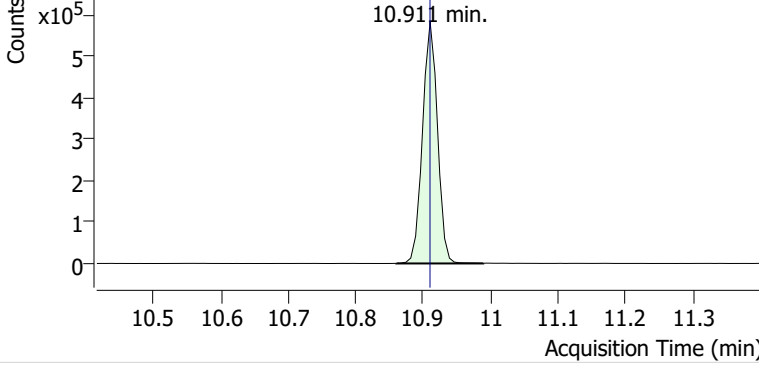


+ Scan (10.760-10.895 min, 19 scans) M2504748.d

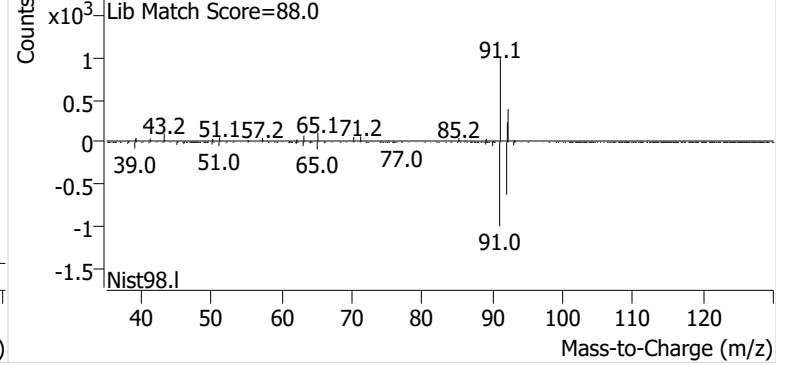


Toluene

+ EIC (91.1) Scan M2504748.d

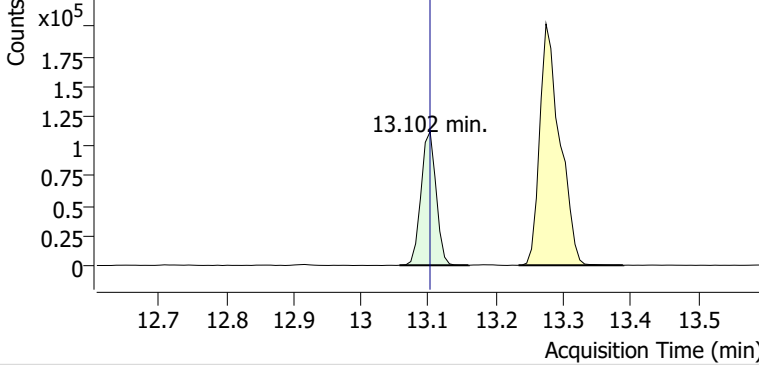


+ Scan (10.860-10.989 min, 19 scans) M2504748.d

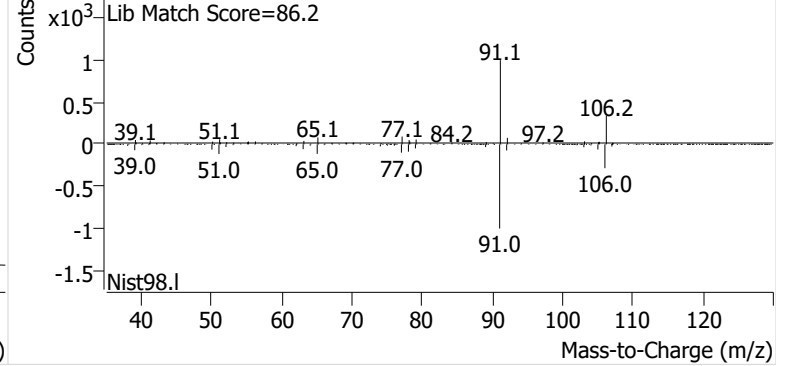


Ethylbenzene

+ EIC (91.1) Scan M2504748.d

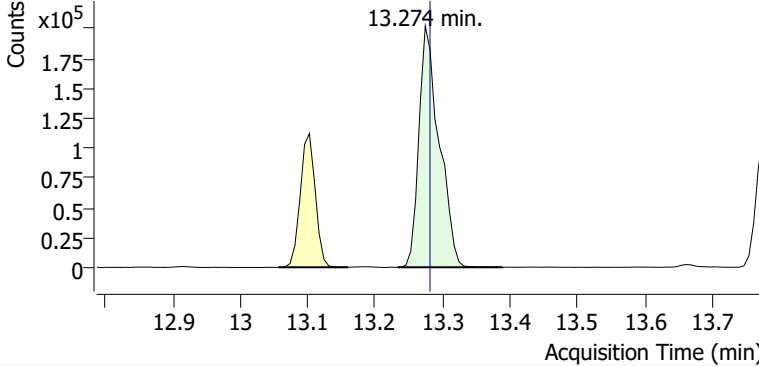


+ Scan (13.057-13.160 min, 15 scans) M2504748.d

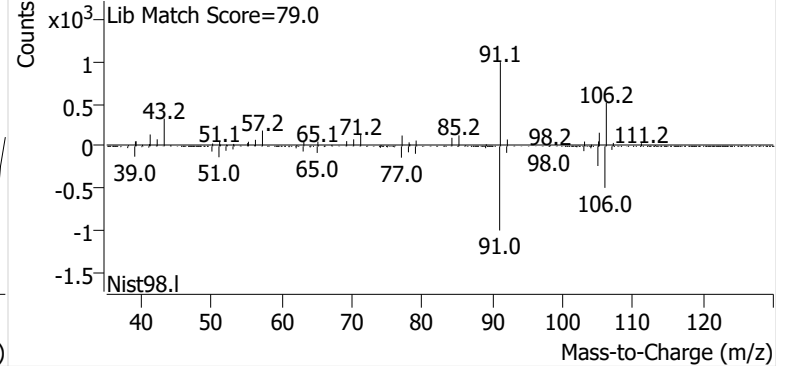


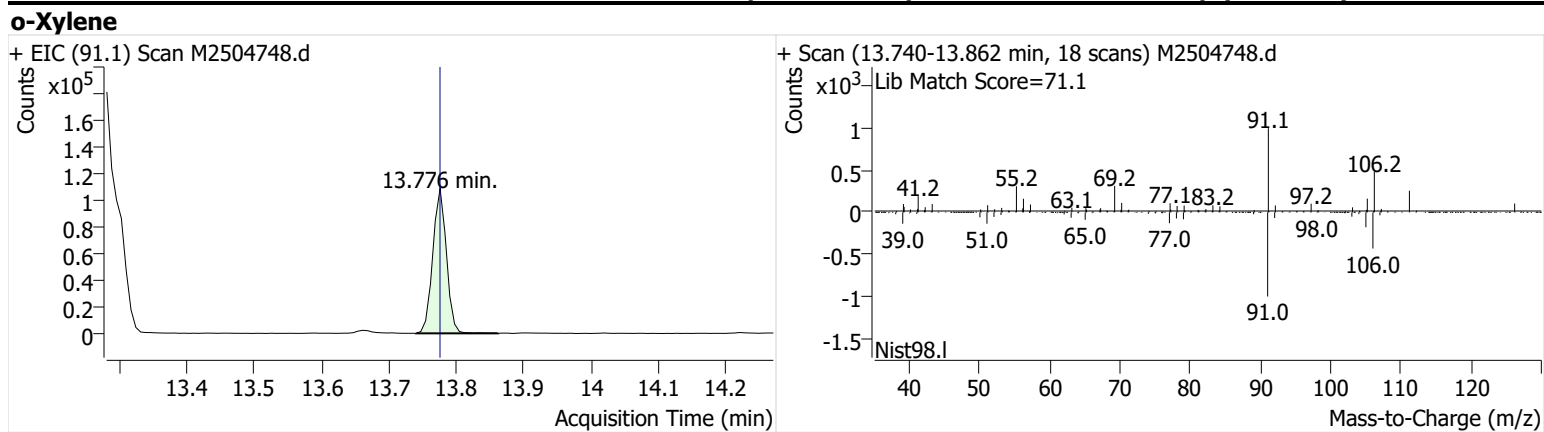
m-/p-Xylenes

+ EIC (91.1) Scan M2504748.d



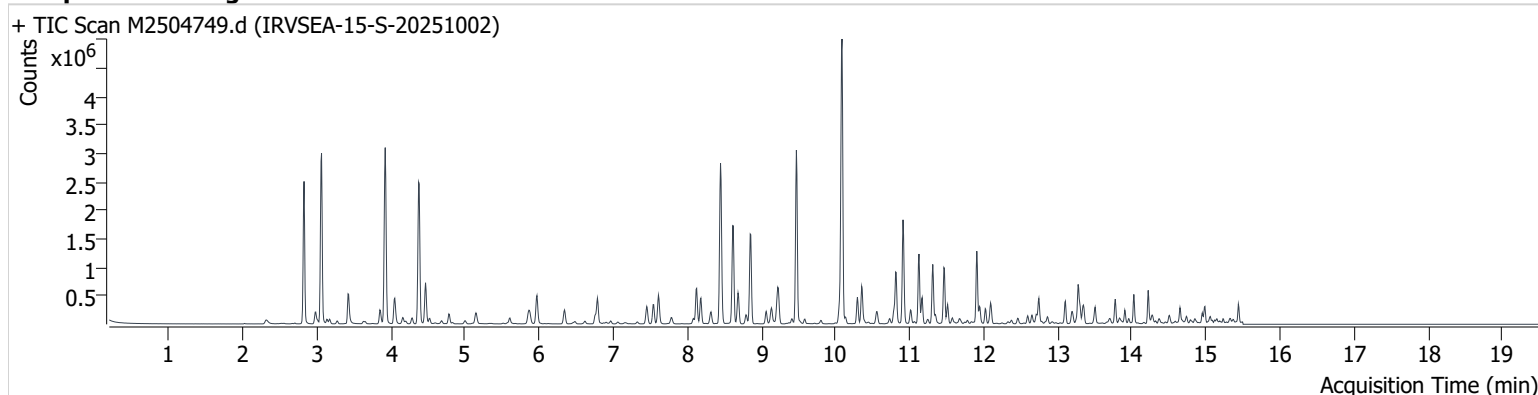
+ Scan (13.233-13.389 min, 22 scans) M2504748.d





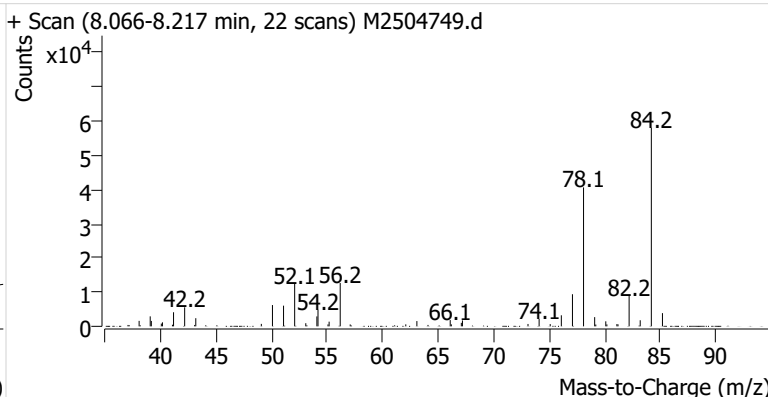
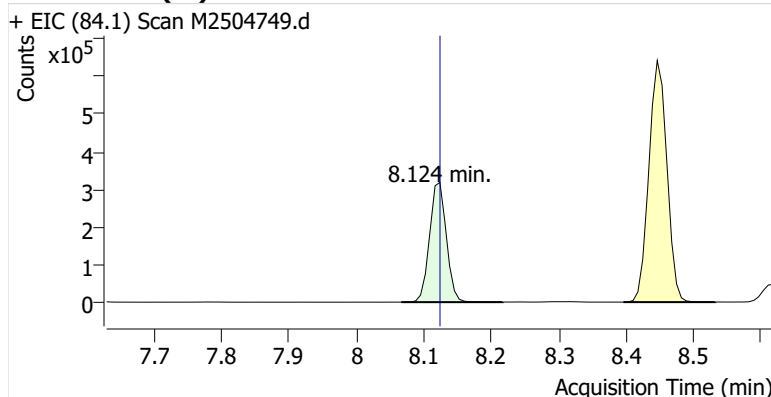
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Comment B17497
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Acq. Date-Time 11/14/2025 3:45:11 AM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

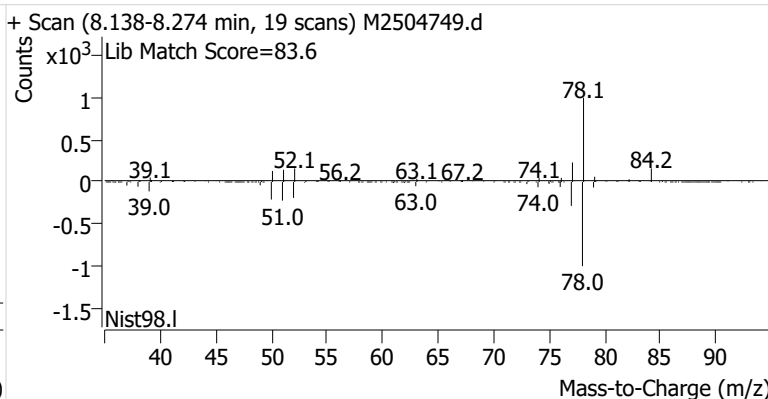
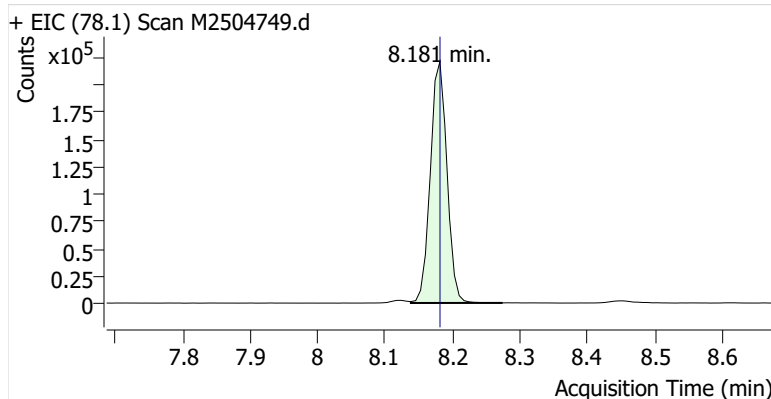


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.124	8.124	549,438	
Benzene	Benzene-d6 (IS)	8.181	8.181	378,954	
Toluene-d8 (IS)		10.817	10.817	571,037	
Toluene	Toluene-d8 (IS)	10.910	10.910	1,130,594	
Ethylbenzene	Toluene-d8 (IS)	13.102	13.102	263,767	
m-/p-Xylenes	Toluene-d8 (IS)	13.274	13.281	496,173	
o-Xylene	Toluene-d8 (IS)	13.775	13.776	166,966	

Benzene-d6 (IS)

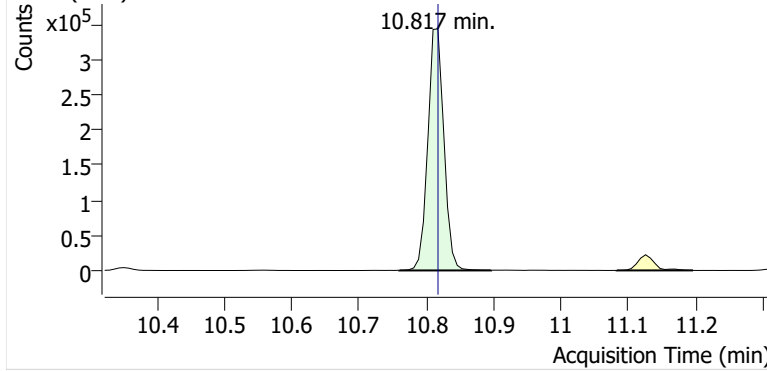


Benzene

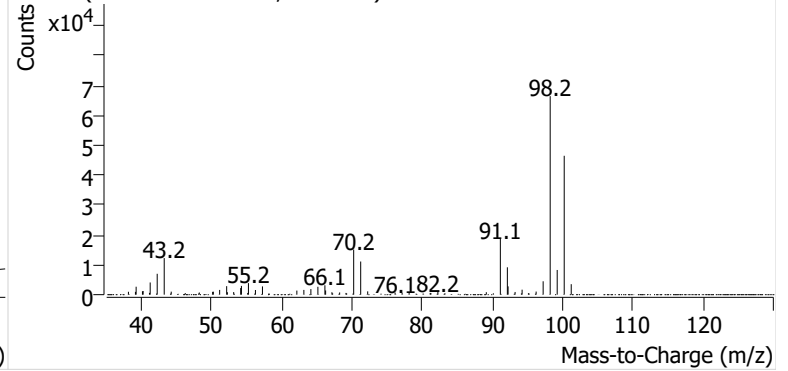


Toluene-d8 (IS)

+ EIC (98.1) Scan M2504749.d

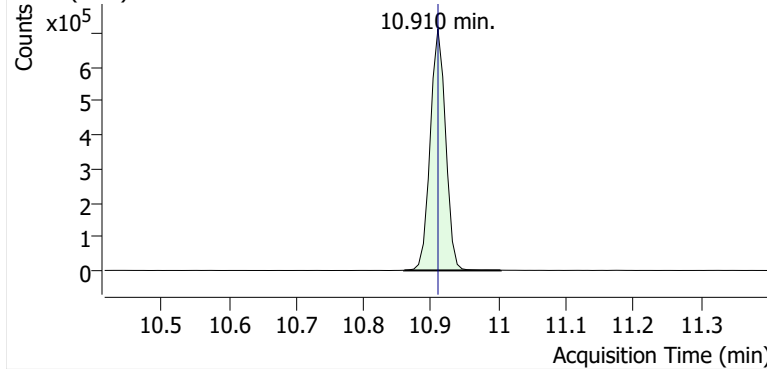


+ Scan (10.760-10.896 min, 20 scans) M2504749.d

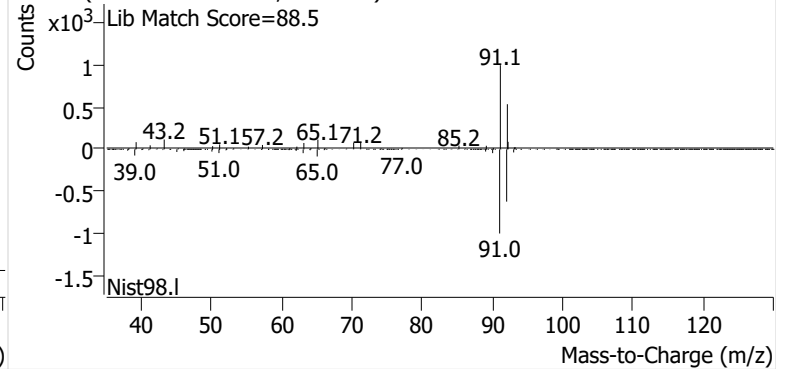


Toluene

+ EIC (91.1) Scan M2504749.d

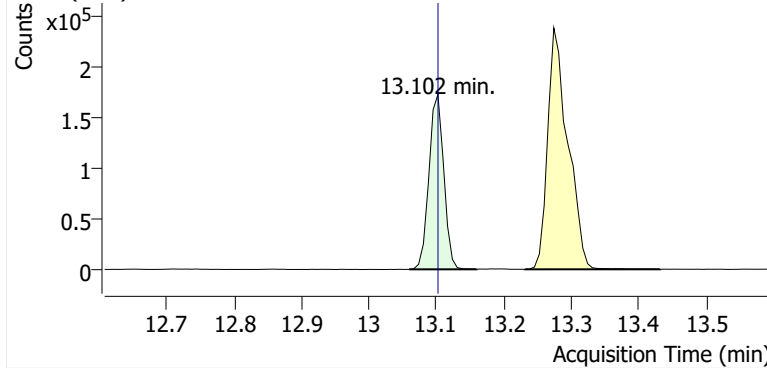


+ Scan (10.860-11.003 min, 21 scans) M2504749.d

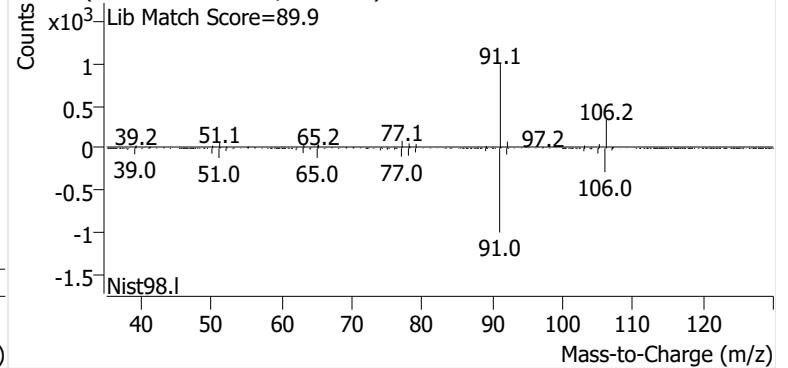


Ethylbenzene

+ EIC (91.1) Scan M2504749.d

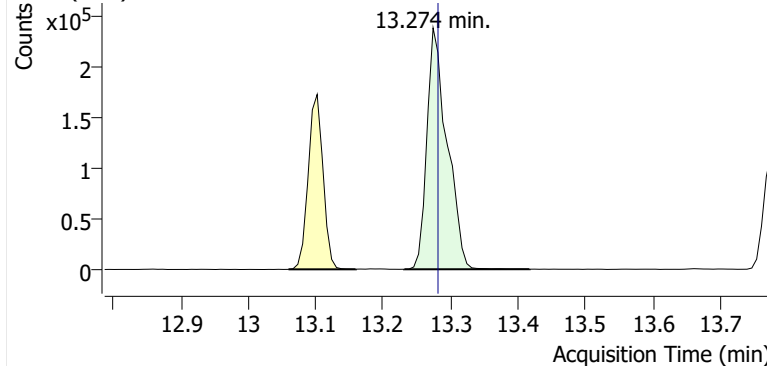


+ Scan (13.060-13.159 min, 14 scans) M2504749.d

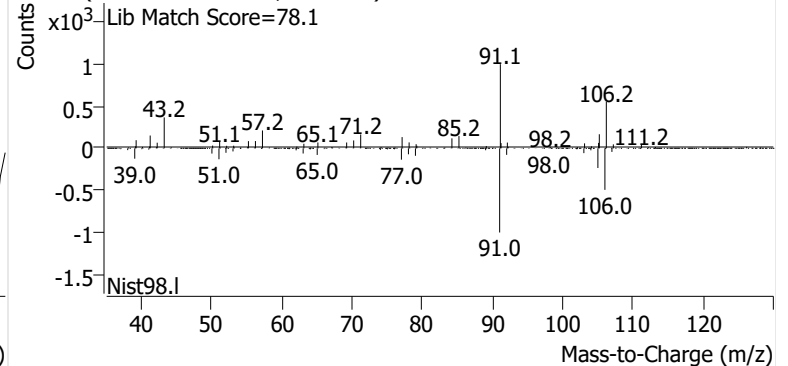


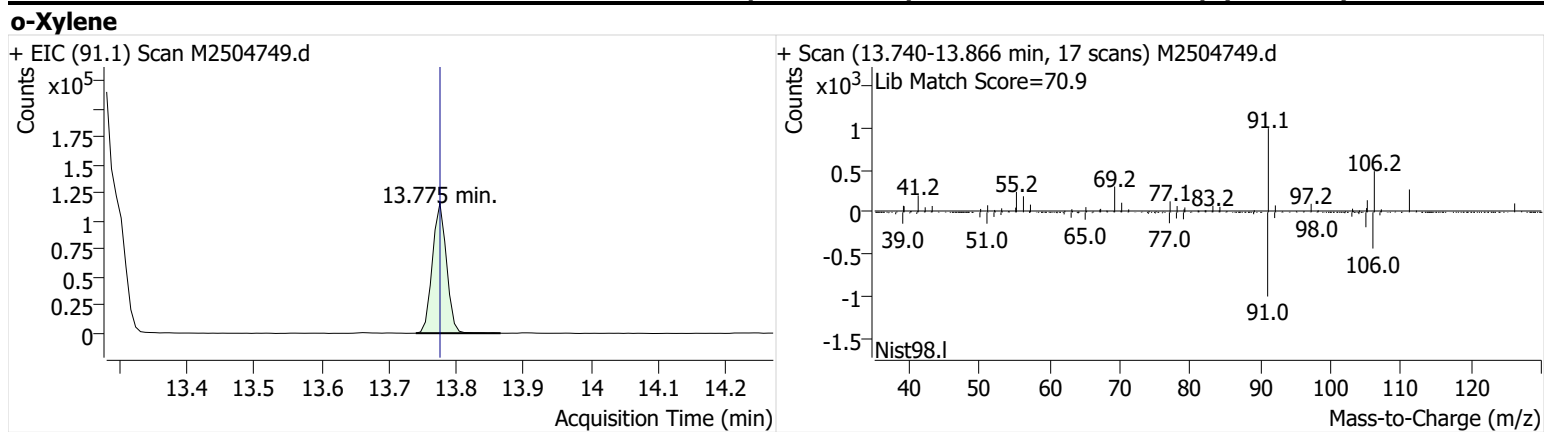
m-/p-Xylenes

+ EIC (91.1) Scan M2504749.d



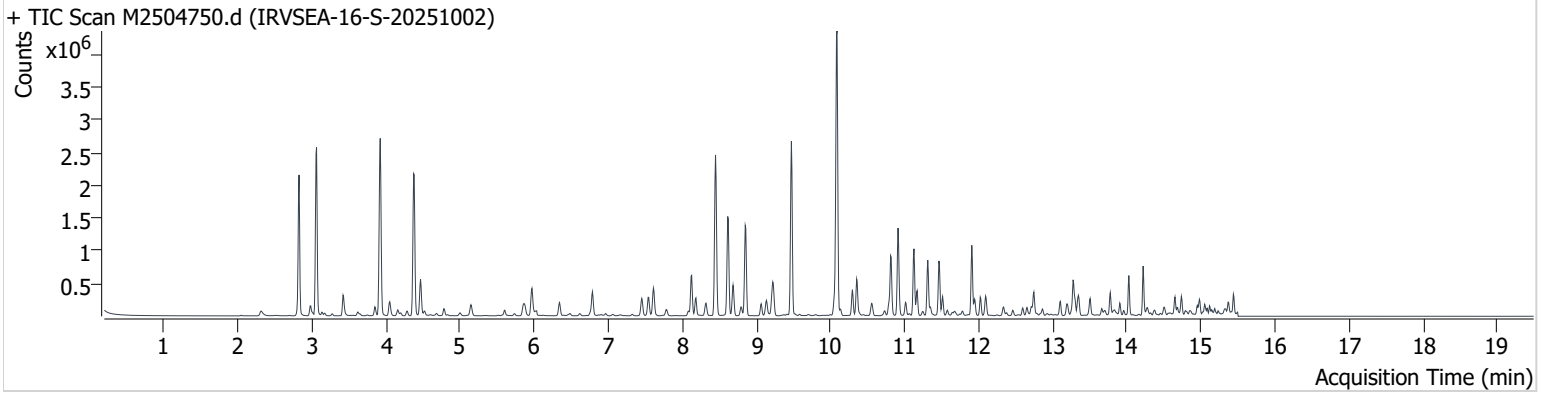
+ Scan (13.231-13.417 min, 27 scans) M2504749.d





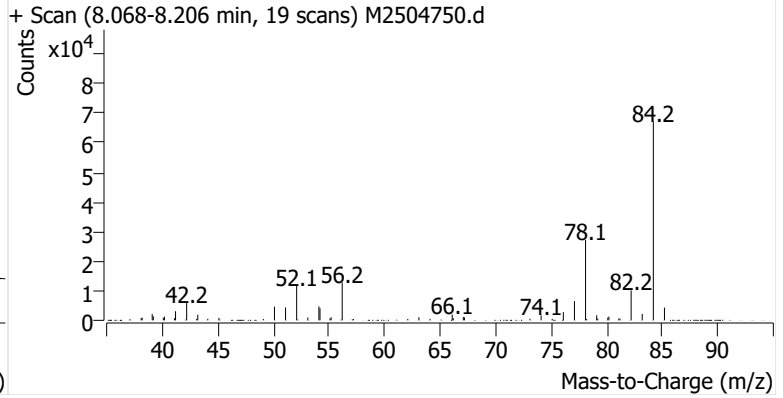
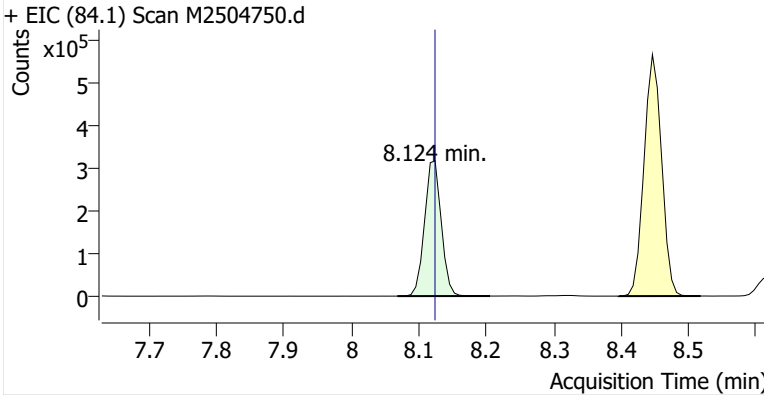
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Comment C70874
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Acq. Date-Time 11/14/2025 4:12:42 AM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

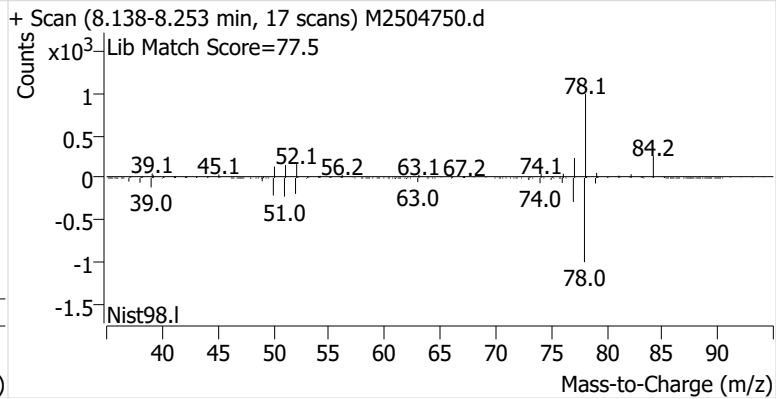
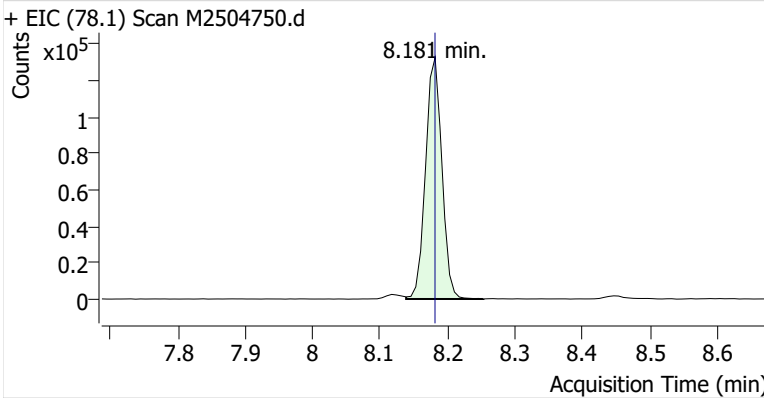


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.124	8.124	546,842	
Benzene	Benzene-d6 (IS)	8.181	8.181	222,871	
Toluene-d8 (IS)		10.810	10.817	569,124	
Toluene	Toluene-d8 (IS)	10.911	10.910	801,506	
Ethylbenzene	Toluene-d8 (IS)	13.102	13.102	141,596	
m-/p-Xylenes	Toluene-d8 (IS)	13.274	13.281	388,893	
o-Xylene	Toluene-d8 (IS)	13.776	13.776	133,718	

Benzene-d6 (IS)

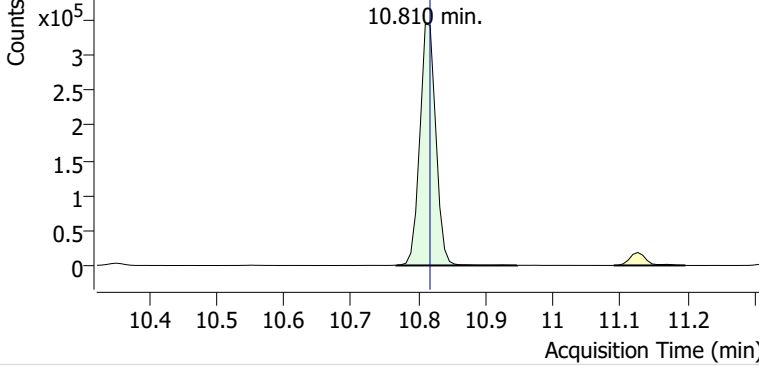


Benzene

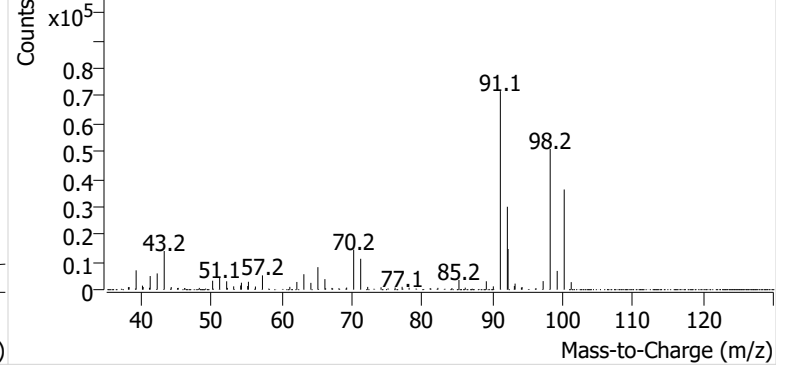


Toluene-d8 (IS)

+ EIC (98.1) Scan M2504750.d

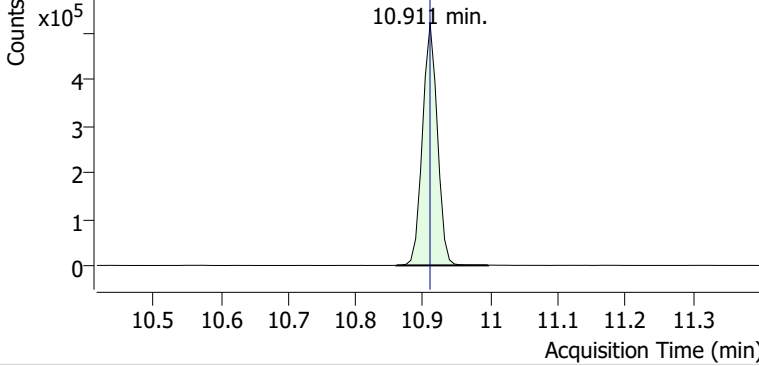


+ Scan (10.767-10.946 min, 26 scans) M2504750.d

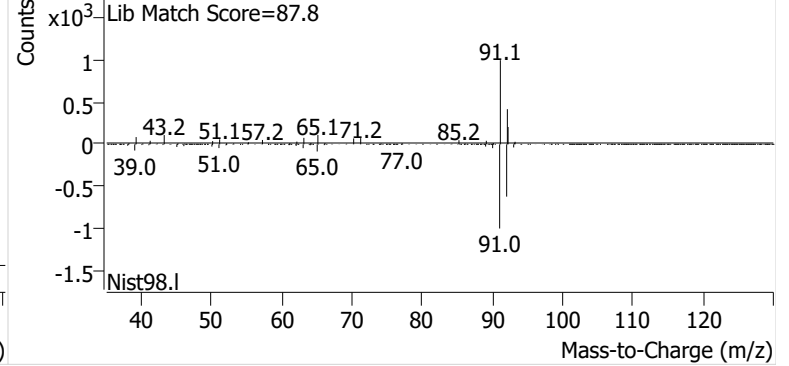


Toluene

+ EIC (91.1) Scan M2504750.d

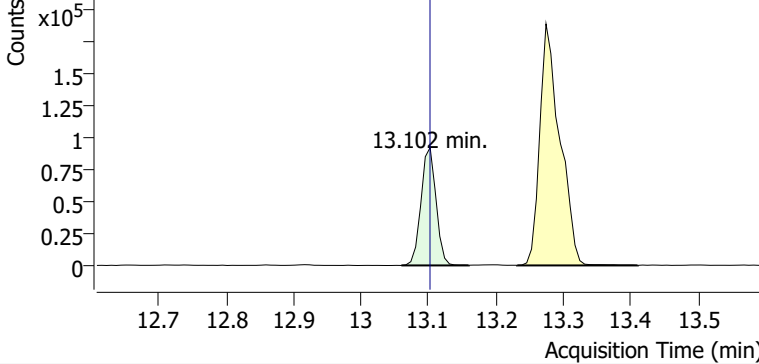


+ Scan (10.860-10.996 min, 20 scans) M2504750.d

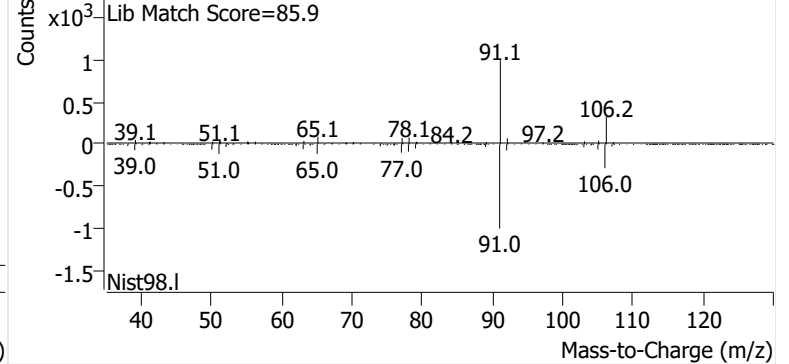


Ethylbenzene

+ EIC (91.1) Scan M2504750.d

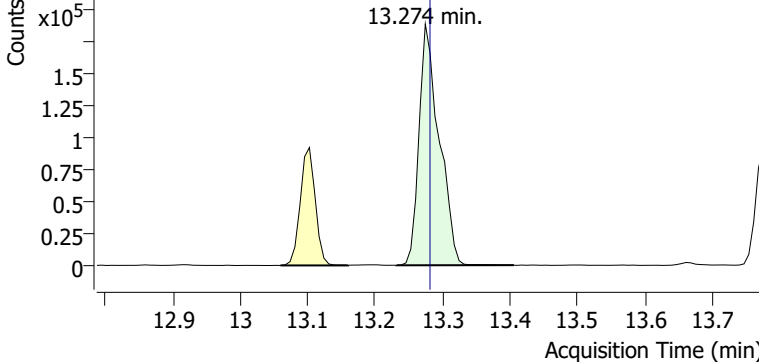


+ Scan (13.060-13.160 min, 14 scans) M2504750.d

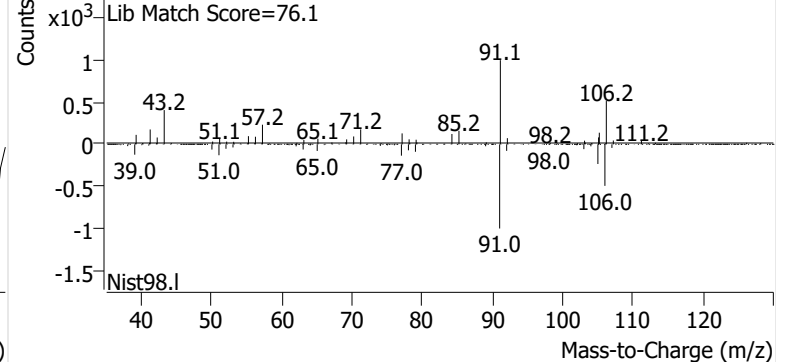


m-/p-Xylenes

+ EIC (91.1) Scan M2504750.d

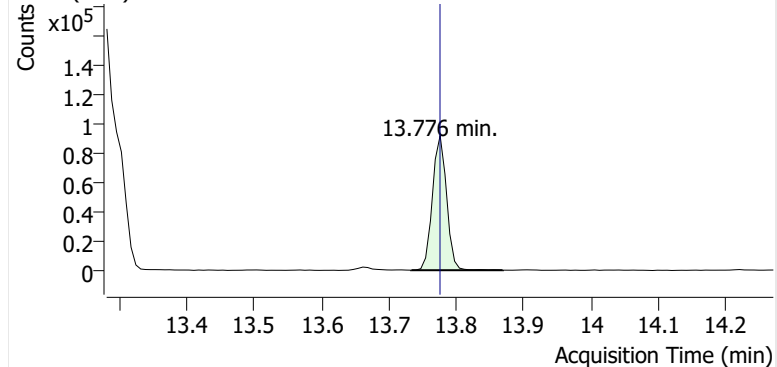


+ Scan (13.231-13.406 min, 25 scans) M2504750.d

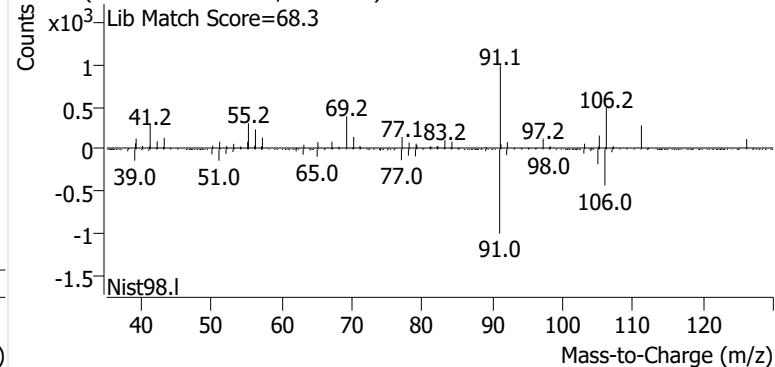


o-Xylene

+ EIC (91.1) Scan M2504750.d

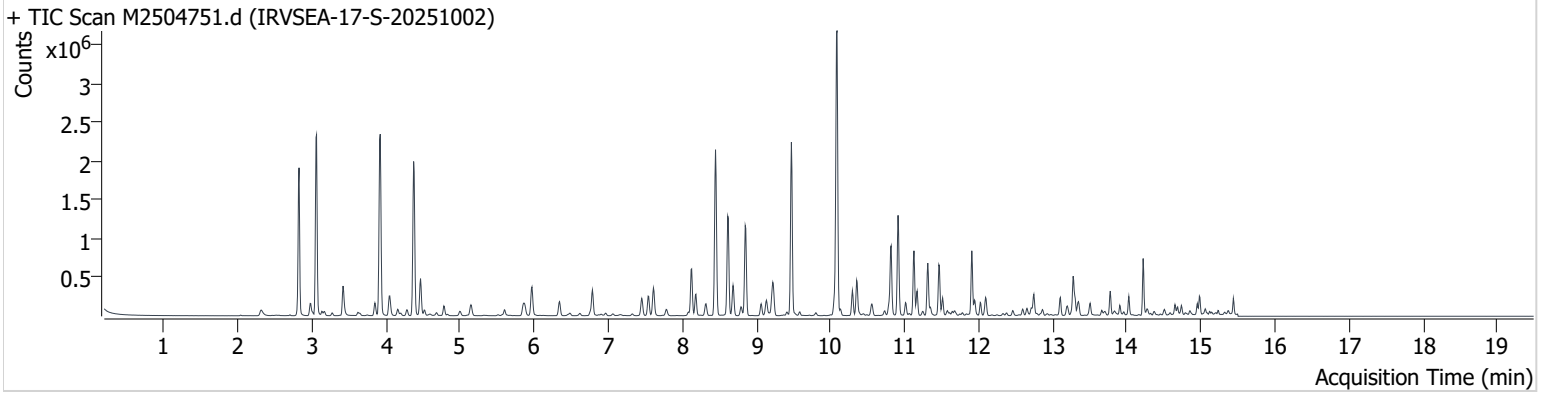


+ Scan (13.733-13.869 min, 20 scans) M2504750.d



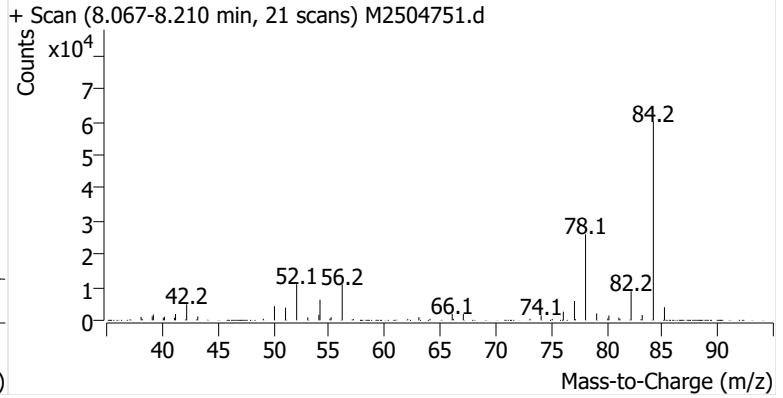
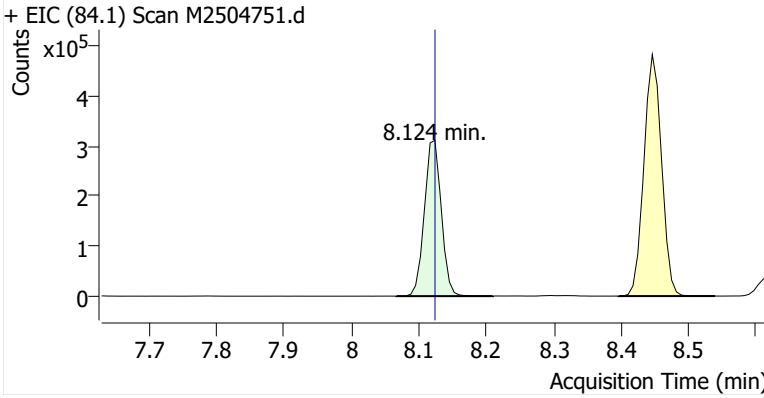
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Comment C00609
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Acq. Date-Time 11/14/2025 4:40:08 AM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

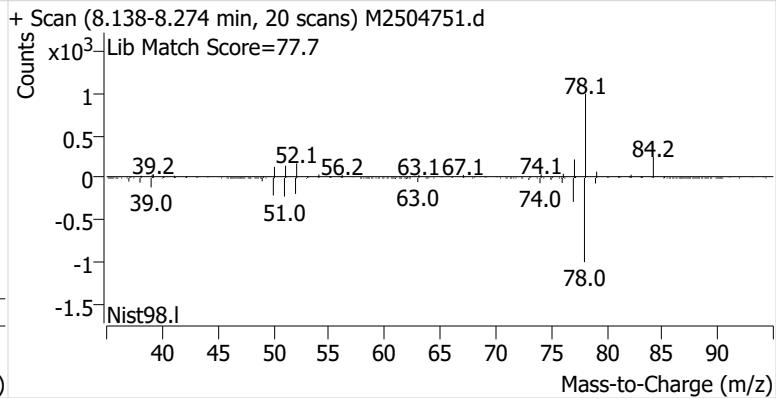
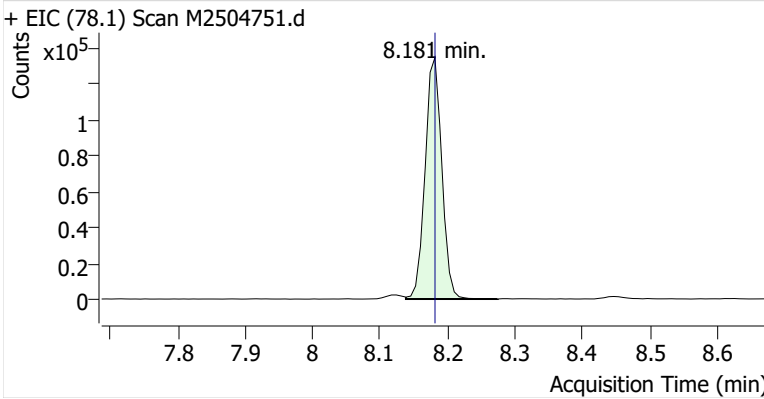


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.124	8.124	542,337	
Benzene	Benzene-d6 (IS)	8.181	8.181	230,928	
Toluene-d8 (IS)		10.817	10.817	569,293	
Toluene	Toluene-d8 (IS)	10.910	10.910	800,893	
Ethylbenzene	Toluene-d8 (IS)	13.102	13.102	155,397	
m-/p-Xylenes	Toluene-d8 (IS)	13.274	13.281	364,861	
o-Xylene	Toluene-d8 (IS)	13.776	13.776	131,319	

Benzene-d6 (IS)

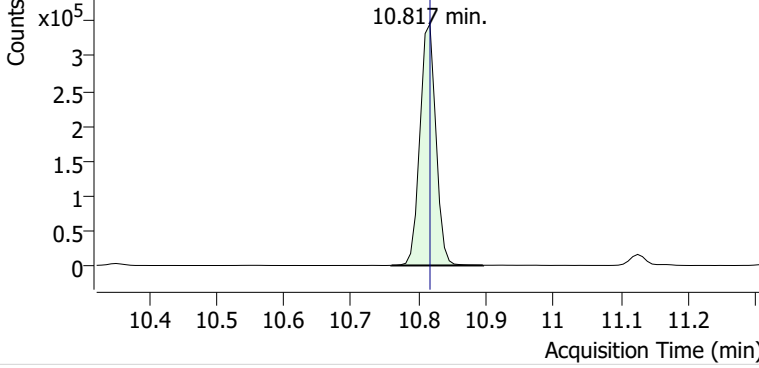


Benzene

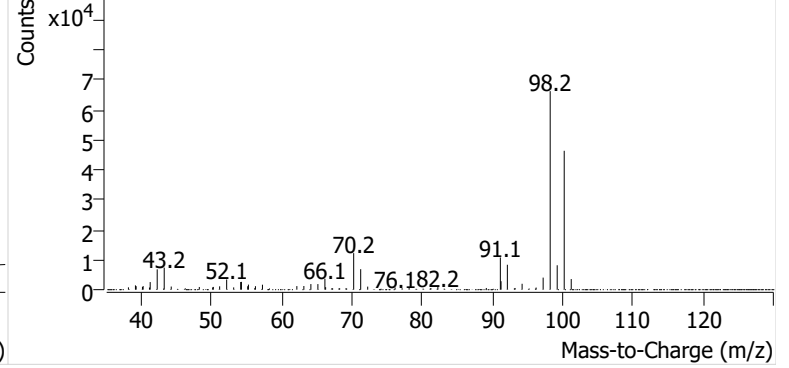


Toluene-d8 (IS)

+ EIC (98.1) Scan M2504751.d

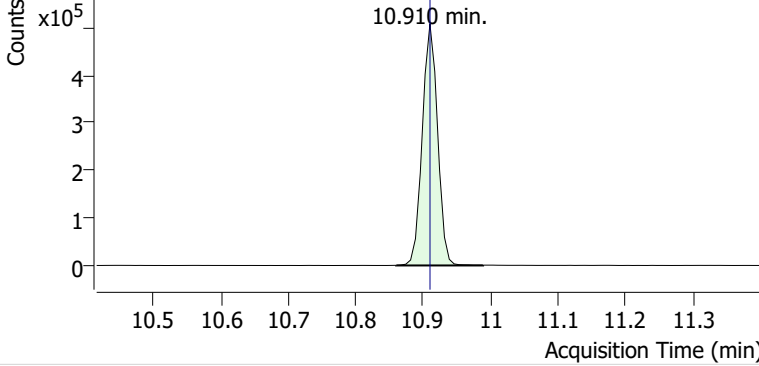


+ Scan (10.760-10.896 min, 20 scans) M2504751.d

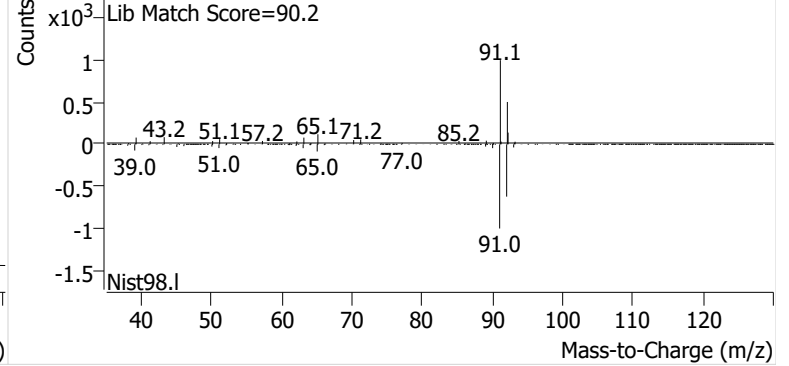


Toluene

+ EIC (91.1) Scan M2504751.d

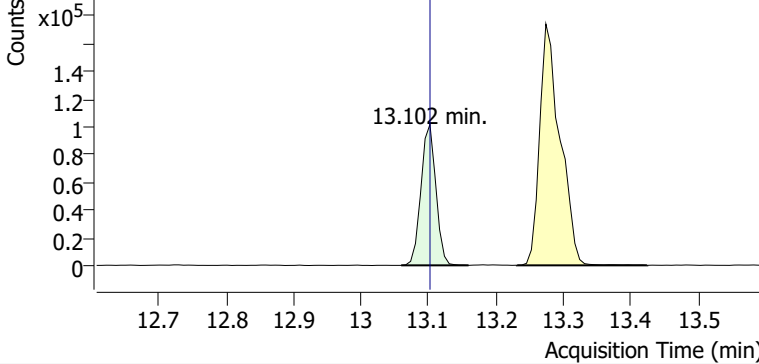


+ Scan (10.860-10.989 min, 19 scans) M2504751.d

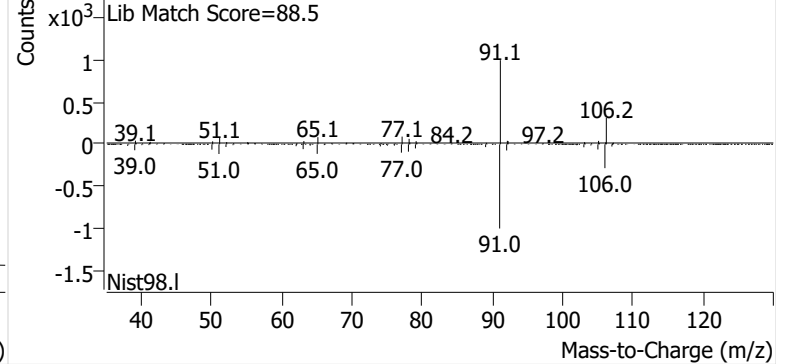


Ethylbenzene

+ EIC (91.1) Scan M2504751.d

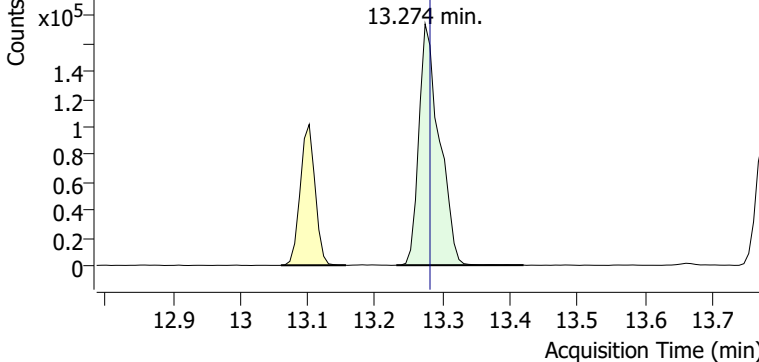


+ Scan (13.060-13.159 min, 14 scans) M2504751.d

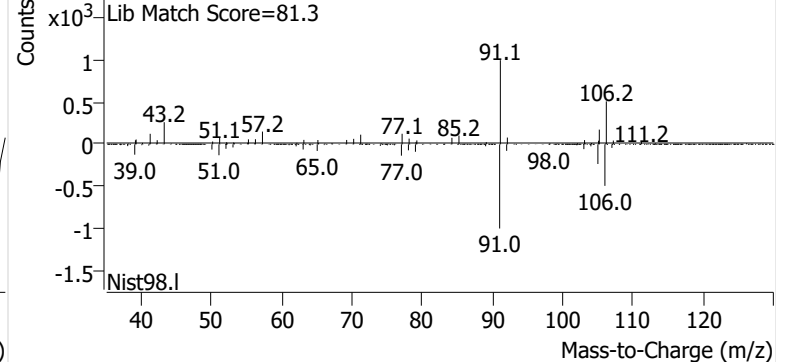


m-/p-Xylenes

+ EIC (91.1) Scan M2504751.d

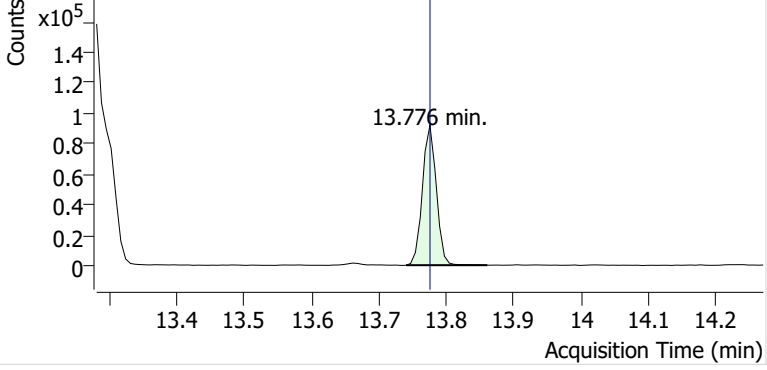


+ Scan (13.231-13.420 min, 26 scans) M2504751.d

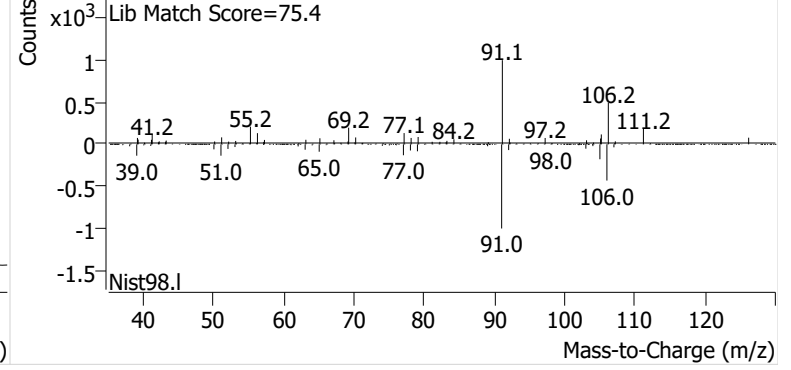


o-Xylene

+ EIC (91.1) Scan M2504751.d



+ Scan (13.740-13.861 min, 16 scans) M2504751.d



Initial Calibration



Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2025GG402-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
M082025A_CC185154	Benzene	1	M2502696.d	5.92	75684	55.2	561222	1.258	0.2
M082025A_CC185154	Benzene	2	M2502697.d	11.85	130422	55.2	554079	1.098	0.048
M082025A_CC185154	Benzene	3	M2502698.d	23.69	252996	55.2	547539	1.077	0.029
M082025A_CC185154	Benzene	4	M2502699.d	47.38	478157	55.2	558431	0.998	-0.047
M082025A_CC185154	Benzene	5	M2502700.d	118.45	1160774	55.2	550881	0.983	-0.062
M082025A_CC185154	Benzene	6	M2502701.d	236.90	2358143	55.2	552162	0.996	-0.049
M082025A_CC185154	Benzene	7	M2502702.d	710.71	6445351	55.2	544275	0.920	-0.12
							Avg:	552656	1.047
							%RSD:	1.1%	10.5%
M082025A_CC185154	Toluene	1	M2502696.d	5.20	76938	65.2	585441	1.646	0.26
M082025A_CC185154	Toluene	2	M2502697.d	10.40	129237	65.2	571775	1.416	0.087
M082025A_CC185154	Toluene	3	M2502698.d	20.81	248343	65.2	570207	1.364	0.047
M082025A_CC185154	Toluene	4	M2502699.d	41.61	471151	65.2	580345	1.271	-0.024
M082025A_CC185154	Toluene	5	M2502700.d	104.04	1088596	65.2	577595	1.181	-0.094
M082025A_CC185154	Toluene	6	M2502701.d	208.07	2080525	65.2	562329	1.159	-0.11
M082025A_CC185154	Toluene	7	M2502702.d	624.22	5928219	65.2	571127	1.084	-0.17
							Avg:	574117	1.303
							%RSD:	1.3%	14.7%
M082025A_CC185154	Ethylbenzene	1	M2502696.d	5.41	76728	65.2	585441	1.580	0.22
M082025A_CC185154	Ethylbenzene	2	M2502697.d	10.81	133657	65.2	571775	1.409	0.084
M082025A_CC185154	Ethylbenzene	3	M2502698.d	21.63	280841	65.2	570207	1.484	0.14
M082025A_CC185154	Ethylbenzene	4	M2502699.d	43.25	512834	65.2	580345	1.332	0.025
M082025A_CC185154	Ethylbenzene	5	M2502700.d	108.13	1132412	65.2	577595	1.182	-0.09
M082025A_CC185154	Ethylbenzene	6	M2502701.d	216.25	2033394	65.2	562329	1.090	-0.16
M082025A_CC185154	Ethylbenzene	7	M2502702.d	648.76	5791459	65.2	571127	1.019	-0.22
							Avg:	574117	1.299
							%RSD:	1.3%	16.1%
M082025A_CC185154	m-/p-Xylenes	1	M2502696.d	6.06	58088	65.2	585441	1.067	0.19
M082025A_CC185154	m-/p-Xylenes	2	M2502697.d	12.12	100125	65.2	571775	0.942	0.054
M082025A_CC185154	m-/p-Xylenes	3	M2502698.d	24.24	210310	65.2	570207	0.992	0.11
M082025A_CC185154	m-/p-Xylenes	4	M2502699.d	48.47	389245	65.2	580345	0.902	0.0094
M082025A_CC185154	m-/p-Xylenes	5	M2502700.d	121.18	857683	65.2	577595	0.799	-0.11
M082025A_CC185154	m-/p-Xylenes	6	M2502701.d	242.36	1626714	65.2	562329	0.778	-0.13
M082025A_CC185154	m-/p-Xylenes	7	M2502702.d	727.08	4935623	65.2	571127	0.775	-0.13
							Avg:	574117	0.893
							%RSD:	1.3%	12.8%
M082025A_CC185154	o-Xylene	1	M2502696.d	5.63	56197	65.2	585441	1.110	0.23
M082025A_CC185154	o-Xylene	2	M2502697.d	11.27	96596	65.2	571775	0.977	0.079
M082025A_CC185154	o-Xylene	3	M2502698.d	22.54	196421	65.2	570207	0.996	0.1

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG402-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
M082025A_CC185154	o-Xylene	4	M2502699.d	45.08	378598	65.2	580345	0.943	0.042
M082025A_CC185154	o-Xylene	5	M2502700.d	112.70	779998	65.2	577595	0.781	-0.14
M082025A_CC185154	o-Xylene	6	M2502701.d	225.39	1518937	65.2	562329	0.781	-0.14
M082025A_CC185154	o-Xylene	7	M2502702.d	676.17	4437830	65.2	571127	0.749	-0.17
							Avg:	574117	0.905
							%RSD:	1.3%	15.1%

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
M082025A_CC185154	Benzene	ICV	M2502706.d	62.78	542642	55.2	563908	0.847	-19.0%
M082025A_CC185154	Toluene	ICV	M2502706.d	74.87	673232	65.2	604286	0.970	-26.0%
M082025A_CC185154	Ethylbenzene	ICV	M2502706.d	84.29	829737	65.2	604286	1.062	-18.0%
M082025A_CC185154	m-/p-Xylenes	ICV	M2502706.d	87.74	723541	65.2	604286	0.889	-0.5%
M082025A_CC185154	o-Xylene	ICV	M2502706.d	86.36	650799	65.2	604286	0.813	-10.0%

M325B PDF Report ver.20250917

Sample Custody



2025GG402



EPA Method 325 A/B
Field Test Data Sheet and
Chain of Custody Record
Page # 1 of # 1

- Standard Turn Around Time (10 business days)
- Rush Turn Around Time
- All TATs Subject to Approval by Enthalpy Analytical, Inc.
- Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name: Irving Oil Servicesport	Client Name: Montrose Am	PO#:
Site Address: 52 Station Ave	Project Number: #027957	Sample Event #
City: Servicesport	Project Manager: Harry Brock	Sorbent:
State: Maine	Email Address: harrybrock@montrose-env.com	
Zip: 04974	Telephone #: 207.441.0025	

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
1	C 43608	S	10/2/25	750	10/16/25	800	HFB		
2	C 20383	S		800		810			
2	C 70535	D		800		810			
2	B 43932	B		800		810			
3	B 31644	S		810		820			
4	C 43634	S		820		830			
5	C 35797	S		830		840			
6	C 55424	S		840		850			
7	B 18390	S		850		900			
8	C 57099	S		900		910			
9	C 02243	D		900		910			
9	C 37060	B		900		910			
9	B 14594	S		910		920			
10	C 24142	S		920		930			
11	C 38586	S		930		940			
12	C 00722	S		940		950			
13	B 48057	S		950		1000			
14	B 49508	S		1000		1010			
15	B 17497	S		1025		1030			
16	C 70874	S		1035		1040			
17	C 00609	S	10/2/25	1045	10/16/25	1050	HFB		

Relinquished By (printed): Harry Brock		Relinquished By (signature):		Relinquished Date: 10/16/2025	Relinquished Time: 1715
Received By (printed): Kaitlyn Caminiti		Received By (signature):		Receipt Date: 11/13/25	Receipt Time: 12:50PM
Sample Condition Upon Receipt: Good		Compound List:		Custody Seal intact? Y/N: Y	Delivery tracking #
Temperature: 18.3	Blank Temp: Fluke 4	Add Custody Seal # below: 24H11016			

**This Is The Last Page
Of This Report.**



Irving Oil – Searsport

52 Station Ave
Searsport, ME 04974

Sampling Event 32 Irving Oil - Searsport

Client Project# PROJ-050105
Samples Received: 12/11/2025

Analytical Report 2025GG405

EPA Method 325B Analysis

Report Issue Date: 12/23/2025

I certify that to the best of my knowledge all analytical data presented in this report have been checked for completeness, accuracy, errors and legibility in addition to having been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s). This report shall not be reproduced except in full without approval of the laboratory. This will provide assurance that parts of the report are not taken out of context.

Amendment(s):

Signature:



QA Review by Isabel Obando Marrero, Data Reviewer



Matt Cavanaugh
Matthew.Cavanaugh@enthalpy.com / www.enthalpy.com
O: (919) 850-4392
Enthalpy Analytical
800 Capitola Drive Suite 1 Durham, NC 27713

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Narrative Summary



Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Job No.	2025GG405-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

1. Custody

The samples were received at Enthalpy Analytical on December 11, 2025 at 16.7 °C. The samples were received in good condition. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, LLC

Table 1 - Sample Inventory

Sample ID	Tube ID	Sample Type
IRVSEA-1-S-20251126	C33432	Sample
IRVSEA-2-S-20251126	C71782	Sample
IRVSEA-2-D-20251126	C71758	Duplicate
IRVSEA-2-B-20251126	C71520	Blank
IRVSEA-3-S-20251126	B18346	Sample
IRVSEA-4-S-20251126	C71538	Sample
IRVSEA-5-S-20251126	C71549	Sample
IRVSEA-6-S-20251126	C56893	Sample
IRVSEA-7-S-20251126	C38853	Sample
IRVSEA-8-S-20251126	C71510	Sample
IRVSEA-8-D-20251126	C73580	Duplicate
IRVSEA-8-B-20251126	C38869	Blank
IRVSEA-9-S-20251126	C71630	Sample
IRVSEA-10-S-20251126	C67404	Sample
IRVSEA-11-S-20251126	C70520	Sample
IRVSEA-12-S-20251126	B18319	Sample
IRVSEA-13-S-20251126	B46223	Sample
IRVSEA-14-S-20251126	C71523	Sample
IRVSEA-15-S-20251126	C71602	Sample
IRVSEA-16-S-20251126	B34908	Sample
IRVSEA-17-S-20251126	C00644	Sample

2. Analysis

The samples were analyzed for Benzene, Toluene, Ethylbenzene, m-/p-Xylenes, and o-Xylene using EPA Method 325B – Volatile Organic Compounds from Fugitive and Area Sources by Thermal Desorption and GC/MS. A copy of the acquisition method M325B-MTD is not included in this report but may be available upon request.

The sample tube media used for this sampling period was CarbopackX. All calibration standards and laboratory QC were prepared using the same media.

Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Job No.	2025GG405-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

3. Calibration

All BFB tune criteria have been met for this analysis.

The initial calibration (M121225A_CC185154) met all 30% RSD criteria. The initial calibration verification met $\pm 30\%$ recovery criteria. The continuing calibration verifications met 30% difference criteria. The initial and continuing calibration raw data are not included in this report but are available upon request.

5. QC Notes

All quality control criteria required by the method and/or the laboratory SOP have been met unless noted otherwise below.

The primary sample IRVSEA-2-S-20251126 (tube ID C71782) and its corresponding duplicate IRVSEA-2-D-20251126 (tube ID C71758) failed to meet the 30% difference criterion for m-/p-Xylenes as specified by the method. However, the concentrations of the analyte in both the sample and the duplicate were less than two times the reporting limit of the instrument's calibration curve. Therefore, the percent difference observed may not suggest the data set has been negatively affected. All samples in the data set have been flagged "Pc" for m-/p-Xylenes to denote this failure.

6. Reporting Notes

All tubes used for this sampling period met the method criteria for number of uses; no tube exceeded 50 field uses.

As specified in EPA Method 325B, the response factor of the daily continuing calibration standard was used to quantitate all field samples and blanks.

All samples were reported as amount in ng catch, and concentration in $\mu\text{g}/\text{m}^3$ and ppbv.

The results presented in this report are representative of the samples as provided to the laboratory. These analyses met the requirements of the TNI Standard. Any deviations from the requirements of the reference method or TNI Standard have been stated above.

Enthalpy Analytical, located at 800 Capitola Drive, Suite 1, Durham NC, 27713 is accredited by the Louisiana Department of Environmental Quality (LDEQ) for EPA Method 325B for all analytes included in this report under **Certificate Number 04010**.

Results



Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG405-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Summary

Sample Code	Tube ID	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
		(ug/m ³)	Flag	(ug/m ³)	Flag	(ug/m ³)	Flag	(ug/m ³)	Flag	(ug/m ³)	Flag
IRVSEA-1-S-20251126	C33432	0.452	J	0.489	J	0.284	ND	0.284	ND,Pc	0.284	ND
IRVSEA-2-S-20251126	C71782	0.719		1.23		0.284	ND	0.539	J,Pc	0.284	ND
IRVSEA-2-D-20251126	C71758	0.934		1.45		0.284	ND	0.776	Pc	0.308	J
IRVSEA-2-B-20251126	C71520	0.195	ND	0.251	ND	0.284	ND	0.284	ND,Pc	0.284	ND
IRVSEA-3-S-20251126	B18346	1.05		2.30		0.375	J	0.857	Pc	0.343	J
IRVSEA-4-S-20251126	C71538	1.80		6.06		1.16		3.58	Pc	1.43	
IRVSEA-5-S-20251126	C71549	1.10		3.56		0.652		1.90	Pc	0.760	
IRVSEA-6-S-20251126	C56893	1.47		4.94		0.781		2.29	Pc	0.922	
IRVSEA-7-S-20251126	C38853	2.42		9.40		1.64		5.38	Pc	2.14	
IRVSEA-8-S-20251126	C71510	3.57		14.4		2.49		8.36	Pc	3.42	
IRVSEA-8-D-20251126	C73580	3.63		14.6		2.49		8.22	Pc	3.26	
IRVSEA-8-B-20251126	C38869	0.195	ND	0.251	ND	0.284	ND	0.284	ND,Pc	0.284	ND
IRVSEA-9-S-20251126	C71630	1.28		4.01		0.638		1.99	Pc	0.858	
IRVSEA-10-S-20251126	C67404	1.28		4.01		0.613	J	2.02	Pc	0.836	
IRVSEA-11-S-20251126	C70520	0.949		2.78		0.493	J	1.60	Pc	0.659	
IRVSEA-12-S-20251126	B18319	0.732		1.40		0.284	ND	0.512	J,Pc	0.284	ND
IRVSEA-13-S-20251126	B46223	0.506		0.712		0.284	ND	0.284	ND,Pc	0.284	ND
IRVSEA-14-S-20251126	C71523	0.520		0.682		0.284	ND	0.300	J,Pc	0.284	ND
IRVSEA-15-S-20251126	C71602	0.496		0.579		0.284	ND	0.284	ND,Pc	0.284	ND
IRVSEA-16-S-20251126	B34908	0.461	J	0.504	J	0.284	ND	0.284	ND,Pc	0.284	ND
IRVSEA-17-S-20251126	C00644	0.651		0.702		0.284	ND	0.284	ND,Pc	0.284	ND

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit

ND: The analyte was not present above the Method Detection Limit

Pc: Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
 Job No.: 2025GG405-1 EPA Method 325B Analysis
 Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20251126	C33432	0.452	0.142	5.80	23.6	0.636	20195	0.195	0.464	0.0610	0.145	J	M2505465.d	2025-12-14 01:43	0.870	8.174	43770	478589	55.2	8.117	0.1%
IRVSEA-2-S-20251126	C71782	0.719	0.225	9.23	23.6	0.636	20185	0.195	0.465	0.0610	0.146		M2505466.d	2025-12-14 02:08	0.870	8.174	68974	474136	55.2	8.117	-0.8%
IRVSEA-2-D-20251126	C71758	0.934	0.293	12.0	23.6	0.636	20185	0.195	0.465	0.0610	0.146		M2505467.d	2025-12-14 02:34	0.870	8.174	90244	477708	55.2	8.117	-0.1%
IRVSEA-2-B-20251126	C71520	0.195	0.0610		23.6	0.636	20185	0.195	0.465	0.0610	0.146	ND	M2505464.d	2025-12-14 01:17	0.870	8.167	10249	476863	55.2	8.117	-0.3%
IRVSEA-3-S-20251126	B18346	1.05	0.329	13.5	23.6	0.636	20184	0.195	0.465	0.0610	0.146		M2505468.d	2025-12-14 03:00	0.870	8.174	101639	478833	55.2	8.117	0.1%
IRVSEA-4-S-20251126	C71538	1.80	0.564	23.1	23.6	0.636	20181	0.195	0.465	0.0610	0.146		M2505469.d	2025-12-14 03:25	0.870	8.174	174863	480307	55.2	8.117	0.4%
IRVSEA-5-S-20251126	C71549	1.10	0.345	14.1	23.5	0.636	20175	0.195	0.465	0.0610	0.146		M2505470.d	2025-12-14 03:51	0.870	8.174	106335	477519	55.2	8.117	-0.1%
IRVSEA-6-S-20251126	C56893	1.47	0.461	18.9	23.5	0.636	20173	0.195	0.465	0.0611	0.146		M2505471.d	2025-12-14 04:16	0.870	8.174	142387	478572	55.2	8.117	0.1%
IRVSEA-7-S-20251126	C38853	2.42	0.756	31.0	23.5	0.636	20177	0.195	0.465	0.0610	0.146		M2505472.d	2025-12-14 04:42	0.870	8.174	233707	478703	55.2	8.117	0.1%
IRVSEA-8-S-20251126	C71510	3.57	1.12	45.8	23.5	0.636	20175	0.195	0.465	0.0610	0.146		M2505473.d	2025-12-14 05:07	0.870	8.174	347000	480381	55.2	8.117	0.5%
IRVSEA-8-D-20251126	C73580	3.63	1.14	46.6	23.5	0.636	20175	0.195	0.465	0.0610	0.146		M2505474.d	2025-12-14 05:33	0.870	8.181	354257	482746	55.2	8.117	1.0%
IRVSEA-8-B-20251126	C38869	0.195	0.0610		23.5	0.636	20175	0.195	0.465	0.0610	0.146	ND	M2505476.d	2025-12-14 06:23	0.870	8.174	13689	480734	55.2	8.117	0.5%
IRVSEA-9-S-20251126	C71630	1.28	0.401	16.4	23.5	0.636	20179	0.195	0.465	0.0610	0.146		M2505477.d	2025-12-14 06:50	0.870	8.174	123957	478917	55.2	8.117	0.2%
IRVSEA-10-S-20251126	C67404	1.28	0.400	16.4	23.5	0.636	20184	0.195	0.465	0.0610	0.146		M2505478.d	2025-12-14 07:15	0.870	8.174	125279	485486	55.2	8.116	1.5%
IRVSEA-11-S-20251126	C70520	0.949	0.297	12.2	23.5	0.636	20182	0.195	0.465	0.0610	0.146		M2505479.d	2025-12-14 07:41	0.870	8.174	93916	489359	55.2	8.117	2.3%
IRVSEA-12-S-20251126	B18319	0.732	0.229	9.39	23.5	0.636	20186	0.195	0.465	0.0610	0.146		M2505480.d	2025-12-14 08:06	0.870	8.174	72013	486419	55.2	8.117	1.7%
IRVSEA-13-S-20251126	B46223	0.506	0.159	6.50	23.5	0.636	20185	0.195	0.465	0.0610	0.146		M2505481.d	2025-12-14 08:31	0.870	8.174	49565	484192	55.2	8.117	1.3%
IRVSEA-14-S-20251126	C71523	0.520	0.163	6.67	23.5	0.636	20187	0.195	0.465	0.0610	0.146		M2505482.d	2025-12-14 08:57	0.870	8.174	51155	486648	55.2	8.116	1.8%
IRVSEA-15-S-20251126	C71602	0.496	0.155	6.37	23.5	0.636	20179	0.195	0.465	0.0610	0.146		M2505483.d	2025-12-14 09:22	0.870	8.174	48725	485570	55.2	8.117	1.5%
IRVSEA-16-S-20251126	B34908	0.461	0.145	5.92	23.4	0.636	20174	0.195	0.465	0.0611	0.146	J	M2505484.d	2025-12-14 09:48	0.870	8.174	44996	482506	55.2	8.117	0.9%
IRVSEA-17-S-20251126	C00644	0.651	0.204	8.35	23.4	0.636	20171	0.195	0.465	0.0611	0.146		M2505485.d	2025-12-14 10:13	0.870	8.174	62931	478234	55.2	8.117	0.0%

Toluene

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20251126	C33432	0.489	0.130	4.88	23.6	0.493	20195	0.251	0.526	0.0666	0.140	J	M2505465.d	2025-12-14 01:43	1.031	10.896	39216	508135	65.2	10.803	-1.2%
IRVSEA-2-S-20251126	C71782	1.23	0.326	12.2	23.6	0.493	20185	0.251	0.526	0.0666	0.140		M2505466.d	2025-12-14 02:08	1.031	10.896	97551	504947	65.2	10.803	-1.9%
IRVSEA-2-D-20251126	C71758	1.45	0.385	14.4	23.6	0.493	20185	0.251	0.526	0.0666	0.140		M2505467.d	2025-12-14 02:34	1.031	10.896	117617	514858	65.2	10.803	0.1%
IRVSEA-2-B-20251126	C71520	0.251	0.0666		23.6	0.493	20185	0.251	0.526	0.0666	0.140	ND	M2505464.d	2025-12-14 01:17	1.031	10.896	18544	511746	65.2	10.803	-0.5%
IRVSEA-3-S-20251126	B18346	2.30	0.610	22.9	23.6	0.493	20184	0.251	0.526	0.0667	0.140		M2505468.d	2025-12-14 03:00	1.031	10.896	182501	503969	65.2	10.803	-2.0%
IRVSEA-4-S-20251126	C71538	6.06	1.61	60.3	23.6	0.493	20181	0.251	0.526	0.0667	0.140		M2505469.d	2025-12-14 03:25	1.031	10.896	479826	502715	65.2	10.803	-2.3%
IRVSEA-5-S-20251126	C71549	3.56	0.944	35.4	23.5	0.493	20175	0.251	0.526	0.0667	0.140		M2505470.d	2025-12-14 03:51	1.031	10.896	284099	507289	65.2	10.803	-1.4%
IRVSEA-6-S-20251126	C56893	4.94	1.31	49.2	23.5	0.493	20173	0.251	0.526	0.0667	0.140		M2505471.d	2025-12-14 04:16	1.031	10.896	399503	513174	65.2	10.803	-0.3%
IRVSEA-7-S-20251126	C38853	9.40	2.50	93.6	23.5	0.493	20177	0.251	0.526	0.0667	0.140		M2505472.d	2025-12-14 04:42	1.031	10.896	745114	503351	65.2	10.803	-2.2%
IRVSEA-8-S-20251126	C71510	14.4	3.83	144	23.5	0.493	20175	0.251	0.526	0.0667	0.140		M2505473.d	2025-12-14 05:07	1.031	10.896	1160770	510416	65.2	10.803	-0.8%
IRVSEA-8-D-20251126	C73580	14.6	3.88	145	23.5	0.493	20175	0.251	0.526	0.0667	0.140		M2505474.d	2025-12-14 05:33	1.031	10.896	1194393	519020	65.2	10.803	0.9%
IRVSEA-8-B-20251126	C38869	0.251	0.0667		23.5	0.493	20175	0.251	0.526	0.0667	0.140	ND	M2505476.d	2025-12-14 06:23	1.031	10.896	14672	507686	65.2	10.803	-1.3%
IRVSEA-9-S-20251126	C71630	4.01	1.07	40.0	23.5	0.493	20179	0.251	0.526	0.0667	0.140		M2505477.d	2025-12-14 06:50	1.031	10.896	325463	514730	65.2	10.803	0.0%
IRVSEA-10-S-20251126	C67404	4.01	1.06	39.9	23.5	0.493	20184	0.251	0.526	0.0667	0.140		M2505478.d	2025-12-14 07:15	1.031	10.896	323960	512766	65.2	10.803	-0.3%
IRVSEA-11-S-20251126	C70520	2.78	0.738	27.7	23.5	0.493	20182	0.251	0.526	0.0667	0.140		M2505479.d	2025-12-14 07:41	1.031	10.896	223823	511329	65.2	10.803	-0.6%
IRVSEA-12-S-20251126	B18319	1.40	0.373	14.0	23.5	0.493	20186	0.251	0.526	0.0666	0.140		M2505480.d	2025-12-14 08:06	1.031	10.896	112417	508165	65.2	10.803	-1.2%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
 Job No.: 2025GG405-1 EPA Method 325B Analysis
 Client No.: PROJ-050105 Site: Irving Oil - Searsport

Toluene

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-13-S-20251126	B46223	0.712	0.189	7.09	23.5	0.493	20185	0.251	0.526	0.0667	0.140		M2505481.d	2025-12-14 08:31	1.031	10.896	56823	506721	65.2	10.803	-1.5%
IRVSEA-14-S-20251126	C71523	0.682	0.181	6.79	23.5	0.493	20187	0.251	0.526	0.0666	0.140		M2505482.d	2025-12-14 08:57	1.031	10.896	55291	514625	65.2	10.803	0.0%
IRVSEA-15-S-20251126	C71602	0.579	0.154	5.77	23.5	0.493	20179	0.251	0.526	0.0667	0.140		M2505483.d	2025-12-14 09:22	1.031	10.896	47517	520722	65.2	10.803	1.2%
IRVSEA-16-S-20251126	B34908	0.504	0.134	5.02	23.4	0.493	20174	0.251	0.526	0.0667	0.140	J	M2505484.d	2025-12-14 09:48	1.031	10.896	40644	512050	65.2	10.803	-0.5%
IRVSEA-17-S-20251126	C00644	0.702	0.186	6.98	23.4	0.493	20171	0.251	0.526	0.0667	0.140		M2505485.d	2025-12-14 10:13	1.031	10.896	55765	504715	65.2	10.803	-1.9%

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20251126	C33432	0.284	0.0654		23.6	0.437	20195	0.284	0.617	0.0654	0.142	ND	M2505465.d	2025-12-14 01:43	1.226	13.081	7100	508135	65.2	10.803	-1.2%
IRVSEA-2-S-20251126	C71782	0.284	0.0654		23.6	0.436	20185	0.284	0.618	0.0654	0.142	ND	M2505466.d	2025-12-14 02:08	1.226	13.081	17734	504947	65.2	10.803	-1.9%
IRVSEA-2-D-20251126	C71758	0.284	0.0654		23.6	0.436	20185	0.284	0.618	0.0654	0.142	ND	M2505467.d	2025-12-14 02:34	1.226	13.081	23493	514858	65.2	10.803	0.1%
IRVSEA-2-B-20251126	C71520	0.284	0.0654		23.6	0.436	20185	0.284	0.618	0.0654	0.142	ND	M2505464.d	2025-12-14 01:17	1.226	13.088	3251	511746	65.2	10.803	-0.5%
IRVSEA-3-S-20251126	B18346	0.375	0.0864	3.30	23.6	0.436	20184	0.284	0.618	0.0654	0.142	J	M2505468.d	2025-12-14 03:00	1.226	13.081	31328	503969	65.2	10.803	-2.0%
IRVSEA-4-S-20251126	C71538	1.16	0.267	10.2	23.6	0.436	20181	0.284	0.618	0.0654	0.142		M2505469.d	2025-12-14 03:25	1.226	13.081	96671	502715	65.2	10.803	-2.3%
IRVSEA-5-S-20251126	C71549	0.652	0.150	5.74	23.5	0.436	20175	0.284	0.618	0.0654	0.142		M2505470.d	2025-12-14 03:51	1.226	13.081	54826	507289	65.2	10.803	-1.4%
IRVSEA-6-S-20251126	C56893	0.781	0.180	6.88	23.5	0.436	20173	0.284	0.618	0.0654	0.142		M2505471.d	2025-12-14 04:16	1.226	13.081	66422	513174	65.2	10.803	-0.3%
IRVSEA-7-S-20251126	C38853	1.64	0.377	14.4	23.5	0.436	20177	0.284	0.618	0.0654	0.142		M2505472.d	2025-12-14 04:42	1.226	13.081	136497	503351	65.2	10.803	-2.2%
IRVSEA-8-S-20251126	C71510	2.49	0.573	21.9	23.5	0.436	20175	0.284	0.618	0.0654	0.142		M2505473.d	2025-12-14 05:07	1.226	13.081	210386	510416	65.2	10.803	-0.8%
IRVSEA-8-D-20251126	C73580	2.49	0.574	22.0	23.5	0.436	20175	0.284	0.618	0.0654	0.142		M2505474.d	2025-12-14 05:33	1.226	13.081	214427	519020	65.2	10.803	0.9%
IRVSEA-8-B-20251126	C38869	0.284	0.0654		23.5	0.436	20175	0.284	0.618	0.0654	0.142	ND	M2505476.d	2025-12-14 06:23	1.226	13.081	5491	507686	65.2	10.803	-1.3%
IRVSEA-9-S-20251126	C71630	0.638	0.147	5.62	23.5	0.436	20179	0.284	0.618	0.0654	0.142		M2505477.d	2025-12-14 06:50	1.226	13.081	54433	514730	65.2	10.803	0.0%
IRVSEA-10-S-20251126	C67404	0.613	0.141	5.40	23.5	0.436	20184	0.284	0.618	0.0654	0.142	J	M2505478.d	2025-12-14 07:15	1.226	13.088	52091	512766	65.2	10.803	-0.3%
IRVSEA-11-S-20251126	C70520	0.493	0.114	4.34	23.5	0.436	20182	0.284	0.618	0.0654	0.142	J	M2505479.d	2025-12-14 07:41	1.226	13.081	41771	511329	65.2	10.803	-0.6%
IRVSEA-12-S-20251126	B18319	0.284	0.0654		23.5	0.436	20186	0.284	0.618	0.0654	0.142	ND	M2505480.d	2025-12-14 08:06	1.226	13.081	16578	508165	65.2	10.803	-1.2%
IRVSEA-13-S-20251126	B46223	0.284	0.0654		23.5	0.436	20185	0.284	0.618	0.0654	0.142	ND	M2505481.d	2025-12-14 08:31	1.226	13.081	11502	506721	65.2	10.803	-1.5%
IRVSEA-14-S-20251126	C71523	0.284	0.0654		23.5	0.436	20187	0.284	0.618	0.0654	0.142	ND	M2505482.d	2025-12-14 08:57	1.226	13.080	10705	514625	65.2	10.803	0.0%
IRVSEA-15-S-20251126	C71602	0.284	0.0654		23.5	0.436	20179	0.284	0.618	0.0654	0.142	ND	M2505483.d	2025-12-14 09:22	1.226	13.081	9013	520722	65.2	10.803	1.2%
IRVSEA-16-S-20251126	B34908	0.284	0.0654		23.4	0.436	20174	0.284	0.618	0.0654	0.142	ND	M2505484.d	2025-12-14 09:48	1.226	13.088	7707	512050	65.2	10.803	-0.5%
IRVSEA-17-S-20251126	C00644	0.284	0.0654		23.4	0.436	20171	0.284	0.618	0.0654	0.142	ND	M2505485.d	2025-12-14 10:13	1.226	13.081	8577	504715	65.2	10.803	-1.9%

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20251126	C33432	0.284	0.0654		23.6	0.437	20195	0.284	0.692	0.0654	0.159	ND,Pc	M2505465.d	2025-12-14 01:43	1.036	13.260	11818	508135	65.2	10.803	-1.2%
IRVSEA-2-S-20251126	C71782	0.539	0.124	4.74	23.6	0.436	20185	0.284	0.692	0.0654	0.160	J,Pc	M2505466.d	2025-12-14 02:08	1.036	13.260	38104	504947	65.2	10.803	-1.9%
IRVSEA-2-D-20251126	C71758	0.776	0.179	6.84	23.6	0.436	20185	0.284	0.692	0.0654	0.160	Pc	M2505467.d	2025-12-14 02:34	1.036	13.260	56014	514858	65.2	10.803	0.1%
IRVSEA-2-B-20251126	C71520	0.284	0.0654		23.6	0.436	20185	0.284	0.692	0.0654	0.160	ND,Pc	M2505464.d	2025-12-14 01:17	1.036	13.253	2585	511746	65.2	10.803	-0.5%
IRVSEA-3-S-20251126	B18346	0.857	0.197	7.55	23.6	0.436	20184	0.284	0.692	0.0654	0.160	Pc	M2505468.d	2025-12-14 03:00	1.036	13.260	60488	503969	65.2	10.803	-2.0%
IRVSEA-4-S-20251126	C71538	3.58	0.824	31.5	23.6	0.436	20181	0.284	0.692	0.0654	0.160	Pc	M2505469.d	2025-12-14 03:25	1.036	13.260	251952	502715	65.2	10.803	-2.3%
IRVSEA-5-S-20251126	C71549	1.90	0.439	16.8	23.5	0.436	20175	0.284	0.693	0.0654	0.160	Pc	M2505470.d	2025-12-14 03:51	1.036	13.260	135209	507289	65.2	10.803	-1.4%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
 Job No.: 2025GG405-1 EPA Method 325B Analysis
 Client No.: PROJ-050105 Site: Irving Oil - Searsport

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-6-S-20251126	C56893	2.29	0.528	20.2	23.5	0.436	20173	0.284	0.693	0.0654	0.160	Pc	M2505471.d	2025-12-14 04:16	1.036	13.260	164798	513174	65.2	10.803	-0.3%
IRVSEA-7-S-20251126	C38853	5.38	1.24	47.4	23.5	0.436	20177	0.284	0.693	0.0654	0.160	Pc	M2505472.d	2025-12-14 04:42	1.036	13.260	379156	503351	65.2	10.803	-2.2%
IRVSEA-8-S-20251126	C71510	8.36	1.93	73.6	23.5	0.436	20175	0.284	0.693	0.0654	0.160	Pc	M2505473.d	2025-12-14 05:07	1.036	13.260	597381	510416	65.2	10.803	-0.8%
IRVSEA-8-D-20251126	C73580	8.22	1.89	72.4	23.5	0.436	20175	0.284	0.693	0.0654	0.160	Pc	M2505474.d	2025-12-14 05:33	1.036	13.260	597302	519020	65.2	10.803	0.9%
IRVSEA-8-B-20251126	C38869	0.284	0.0654		23.5	0.436	20175	0.284	0.693	0.0654	0.160	ND,Pc	M2505476.d	2025-12-14 06:23	1.036	13.260	1521	507686	65.2	10.803	-1.3%
IRVSEA-9-S-20251126	C71630	1.99	0.459	17.5	23.5	0.436	20179	0.284	0.693	0.0654	0.160	Pc	M2505477.d	2025-12-14 06:50	1.036	13.260	143615	514730	65.2	10.803	0.0%
IRVSEA-10-S-20251126	C67404	2.02	0.465	17.8	23.5	0.436	20184	0.284	0.692	0.0654	0.160	Pc	M2505478.d	2025-12-14 07:15	1.036	13.260	144974	512766	65.2	10.803	-0.3%
IRVSEA-11-S-20251126	C70520	1.60	0.370	14.1	23.5	0.436	20182	0.284	0.692	0.0654	0.160	Pc	M2505479.d	2025-12-14 07:41	1.036	13.260	114956	511329	65.2	10.803	-0.6%
IRVSEA-12-S-20251126	B18319	0.512	0.118	4.51	23.5	0.436	20186	0.284	0.692	0.0654	0.160	J,Pc	M2505480.d	2025-12-14 08:06	1.036	13.260	36440	508165	65.2	10.803	-1.2%
IRVSEA-13-S-20251126	B46223	0.284	0.0654		23.5	0.436	20185	0.284	0.692	0.0654	0.160	ND,Pc	M2505481.d	2025-12-14 08:31	1.036	13.260	14576	506721	65.2	10.803	-1.5%
IRVSEA-14-S-20251126	C71523	0.300	0.0691	2.64	23.5	0.436	20187	0.284	0.692	0.0654	0.160	J,Pc	M2505482.d	2025-12-14 08:57	1.036	13.260	21632	514625	65.2	10.803	0.0%
IRVSEA-15-S-20251126	C71602	0.284	0.0654		23.5	0.436	20179	0.284	0.693	0.0654	0.160	ND,Pc	M2505483.d	2025-12-14 09:22	1.036	13.260	16762	520722	65.2	10.803	1.2%
IRVSEA-16-S-20251126	B34908	0.284	0.0654		23.4	0.436	20174	0.284	0.693	0.0654	0.160	ND,Pc	M2505484.d	2025-12-14 09:48	1.036	13.260	9304	512050	65.2	10.803	-0.5%
IRVSEA-17-S-20251126	C00644	0.284	0.0654		23.4	0.436	20171	0.284	0.693	0.0654	0.160	ND,Pc	M2505485.d	2025-12-14 10:13	1.036	13.260	11444	504715	65.2	10.803	-1.9%

o-Xylene

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20251126	C33432	0.284	0.0654		23.6	0.437	20195	0.284	0.644	0.0654	0.148	ND	M2505465.d	2025-12-14 01:43	1.022	13.761	4865	508135	65.2	10.803	-1.2%
IRVSEA-2-S-20251126	C71782	0.284	0.0654		23.6	0.436	20185	0.284	0.644	0.0654	0.148	ND	M2505466.d	2025-12-14 02:08	1.022	13.761	16344	504947	65.2	10.803	-1.9%
IRVSEA-2-D-20251126	C71758	0.308	0.0709	2.71	23.6	0.436	20185	0.284	0.644	0.0654	0.148	J	M2505467.d	2025-12-14 02:34	1.022	13.761	21899	514858	65.2	10.803	0.1%
IRVSEA-2-B-20251126	C71520	0.284	0.0654		23.6	0.436	20185	0.284	0.644	0.0654	0.148	ND	M2505464.d	2025-12-14 01:17	1.022	13.754	2101	511746	65.2	10.803	-0.5%
IRVSEA-3-S-20251126	B18346	0.343	0.0790	3.02	23.6	0.436	20184	0.284	0.644	0.0654	0.148	J	M2505468.d	2025-12-14 03:00	1.022	13.761	23881	503969	65.2	10.803	-2.0%
IRVSEA-4-S-20251126	C71538	1.43	0.329	12.6	23.6	0.436	20181	0.284	0.644	0.0654	0.148		M2505469.d	2025-12-14 03:25	1.022	13.761	99174	502715	65.2	10.803	-2.3%
IRVSEA-5-S-20251126	C71549	0.760	0.175	6.69	23.5	0.436	20175	0.284	0.644	0.0654	0.148		M2505470.d	2025-12-14 03:51	1.022	13.761	53225	507289	65.2	10.803	-1.4%
IRVSEA-6-S-20251126	C56893	0.922	0.213	8.12	23.5	0.436	20173	0.284	0.644	0.0654	0.148		M2505471.d	2025-12-14 04:16	1.022	13.754	65371	513174	65.2	10.803	-0.3%
IRVSEA-7-S-20251126	C38853	2.14	0.492	18.8	23.5	0.436	20177	0.284	0.644	0.0654	0.148		M2505472.d	2025-12-14 04:42	1.022	13.761	148523	503351	65.2	10.803	-2.2%
IRVSEA-8-S-20251126	C71510	3.42	0.788	30.1	23.5	0.436	20175	0.284	0.644	0.0654	0.148		M2505473.d	2025-12-14 05:07	1.022	13.761	241084	510416	65.2	10.803	-0.8%
IRVSEA-8-D-20251126	C73580	3.26	0.752	28.7	23.5	0.436	20175	0.284	0.644	0.0654	0.148		M2505474.d	2025-12-14 05:33	1.022	13.761	233866	519020	65.2	10.803	0.9%
IRVSEA-8-B-20251126	C38869	0.284	0.0654		23.5	0.436	20175	0.284	0.644	0.0654	0.148	ND	M2505476.d	2025-12-14 06:23	1.022	13.769	1206	507686	65.2	10.803	-1.3%
IRVSEA-9-S-20251126	C71630	0.858	0.198	7.56	23.5	0.436	20179	0.284	0.644	0.0654	0.148		M2505477.d	2025-12-14 06:50	1.022	13.761	61039	514730	65.2	10.803	0.0%
IRVSEA-10-S-20251126	C67404	0.836	0.193	7.36	23.5	0.436	20184	0.284	0.644	0.0654	0.148		M2505478.d	2025-12-14 07:15	1.022	13.761	59212	512766	65.2	10.803	-0.3%
IRVSEA-11-S-20251126	C70520	0.659	0.152	5.81	23.5	0.436	20182	0.284	0.644	0.0654	0.148		M2505479.d	2025-12-14 07:41	1.022	13.761	46579	511329	65.2	10.803	-0.6%
IRVSEA-12-S-20251126	B18319	0.284	0.0654		23.5	0.436	20186	0.284	0.644	0.0654	0.148	ND	M2505480.d	2025-12-14 08:06	1.022	13.754	14815	508165	65.2	10.803	-1.2%
IRVSEA-13-S-20251126	B46223	0.284	0.0654		23.5	0.436	20185	0.284	0.644	0.0654	0.148	ND	M2505481.d	2025-12-14 08:31	1.022	13.761	6397	506721	65.2	10.803	-1.5%
IRVSEA-14-S-20251126	C71523	0.284	0.0654		23.5	0.436	20187	0.284	0.644	0.0654	0.148	ND	M2505482.d	2025-12-14 08:57	1.022	13.761	9238	514625	65.2	10.803	0.0%
IRVSEA-15-S-20251126	C71602	0.284	0.0654		23.5	0.436	20179	0.284	0.644	0.0654	0.148	ND	M2505483.d	2025-12-14 09:22	1.022	13.761	6753	520722	65.2	10.803	1.2%
IRVSEA-16-S-20251126	B34908	0.284	0.0654		23.4	0.436	20174	0.284	0.644	0.0654	0.148	ND	M2505484.d	2025-12-14 09:48	1.022	13.754	3832	512050	65.2	10.803	-0.5%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG405-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

o-Xylene

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-17-S-20251126	C00644	0.284	0.0654		23.4	0.436	20171	0.284	0.644	0.0654	0.149	ND	M2505485.d	2025-12-14 10:13	1.022	13.754	5317	504715	65.2	10.803	-1.9%

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit

ND: The analyte was not present above the Method Detection Limit

Pc: Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit

QC Data



Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG405-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m ³)	IRVSEA-2-B-20251126	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
	IRVSEA-8-B-20251126	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	IRVSEA-2-D-20251126	26%	Pass	17%	Pass	ND	Pass	36%	Fail	ND	Pass
	IRVSEA-8-D-20251126	1.6%	Pass	1.2%	Pass	0.23%	Pass	1.7%	Pass	4.7%	Pass

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG405-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	M2505462.d	C24218	Cal	0.870		0.870	-1.9%	-5.1%		Pass	
2025GG405 Method Blank-1	M2505463.d	C38900	Blank			0.870			-0.27%	Pass	ND
M325B CCV 5	M2505475.d	C20403	Check	0.877		0.870	-1.1%		1.6%	Pass	
M325B CCV 5	M2505486.d	C60256	Check	0.849		0.870	-4.2%		0.072%	Pass	

Toluene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	M2505462.d	C24218	Cal	1.031		1.031	-3.4%	-3.4%		Pass	
2025GG405 Method Blank-1	M2505463.d	C38900	Blank			1.031			-2.0%	Pass	ND
M325B CCV 5	M2505475.d	C20403	Check	1.042		1.031	-2.3%		-0.21%	Pass	
M325B CCV 5	M2505486.d	C60256	Check	1.014		1.031	-5.0%		-0.77%	Pass	

Ethylbenzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	M2505462.d	C24218	Cal	1.226		1.226	-0.13%	-3.4%		Pass	
2025GG405 Method Blank-1	M2505463.d	C38900	Blank			1.226			-2.0%	Pass	ND
M325B CCV 5	M2505475.d	C20403	Check	1.225		1.226	-0.26%		-0.21%	Pass	
M325B CCV 5	M2505486.d	C60256	Check	1.207		1.226	-1.7%		-0.77%	Pass	

m-/p-Xylenes Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	M2505462.d	C24218	Cal	1.036		1.036	2.5%	-3.4%		Pass	
2025GG405 Method Blank-1	M2505463.d	C38900	Blank			1.036			-2.0%	Pass	ND
M325B CCV 5	M2505475.d	C20403	Check	1.025		1.036	1.4%		-0.21%	Pass	
M325B CCV 5	M2505486.d	C60256	Check	1.020		1.036	0.90%		-0.77%	Pass	

o-Xylene Calibration and Blanks

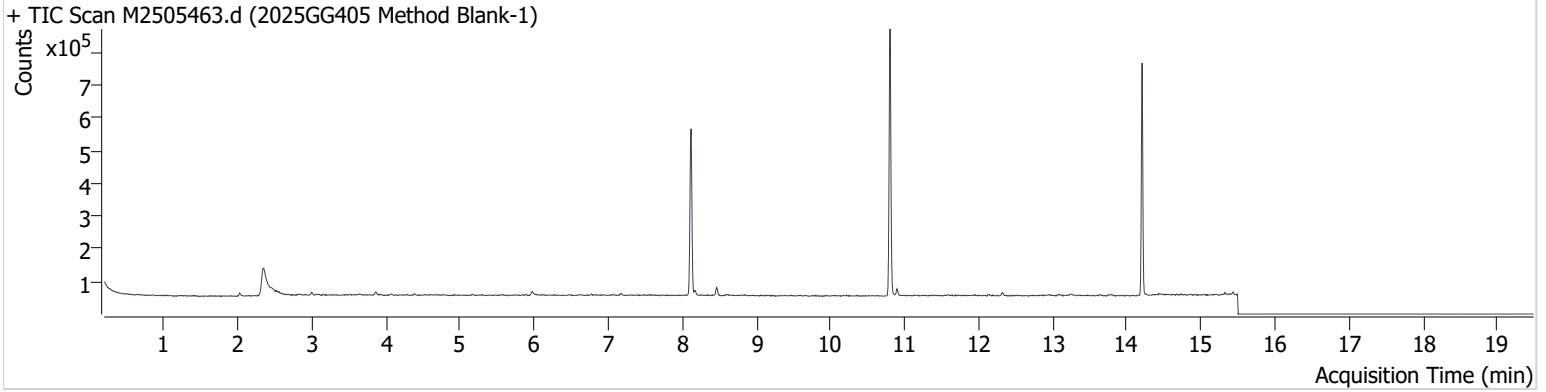
Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	M2505462.d	C24218	Cal	1.022		1.022	3.1%	-3.4%		Pass	
2025GG405 Method Blank-1	M2505463.d	C38900	Blank			1.022			-2.0%	Pass	ND
M325B CCV 5	M2505475.d	C20403	Check	1.008		1.022	1.7%		-0.21%	Pass	
M325B CCV 5	M2505486.d	C60256	Check	1.010		1.022	1.9%		-0.77%	Pass	

Chromatograms



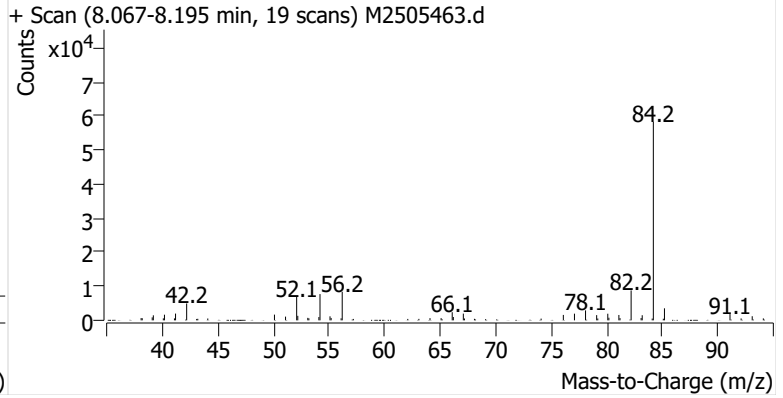
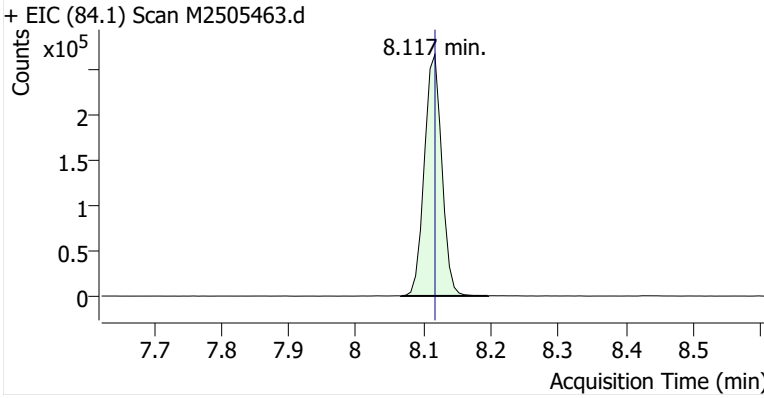
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Acq. Date-Time 12/14/2025 12:52:25 AM
Acq. Method File M325B-MTD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

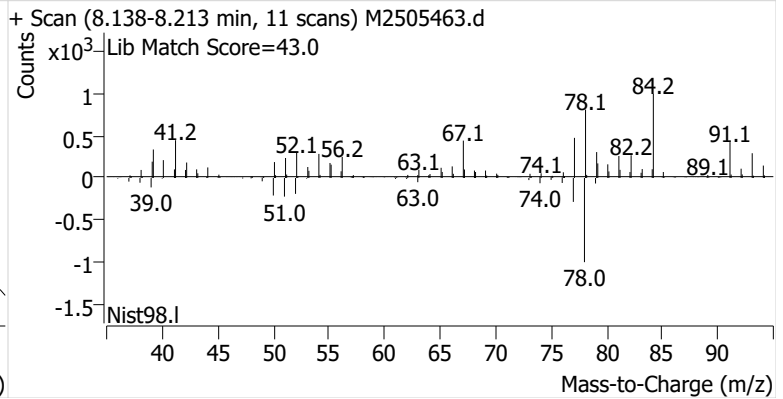
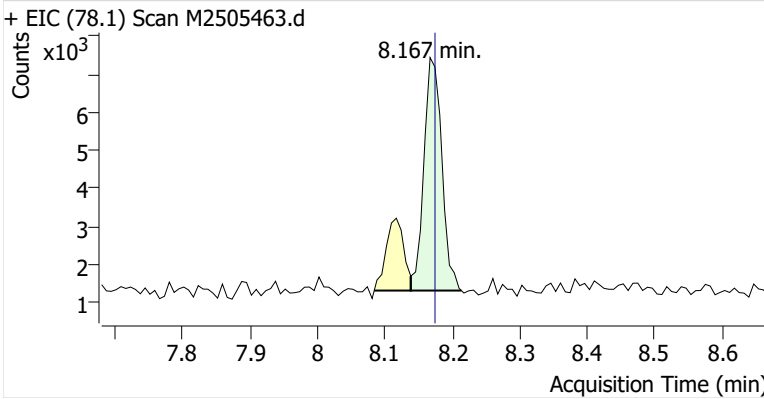


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.117	8.117	476,912	
Benzene	Benzene-d6 (IS)	8.167	8.174	11,306	
Toluene-d8 (IS)		10.803	10.803	504,439	
Toluene	Toluene-d8 (IS)	10.896	10.896	13,693	
Ethylbenzene	Toluene-d8 (IS)	13.088	13.081	2,298	
m-/p-Xylenes	Toluene-d8 (IS)	13.260	13.260	2,145	
o-Xylene	Toluene-d8 (IS)	13.768	13.754	1,356	

Benzene-d6 (IS)

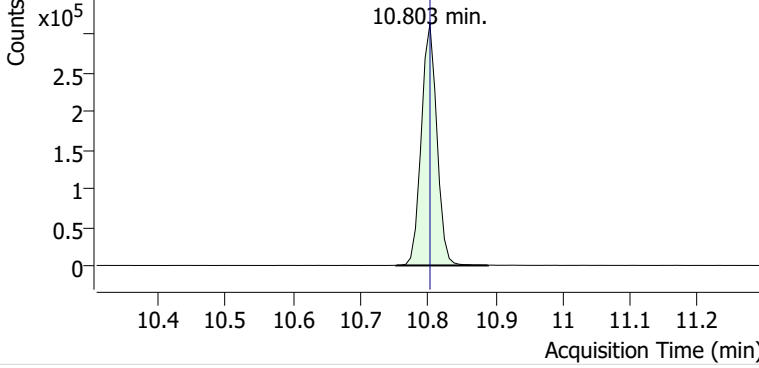


Benzene

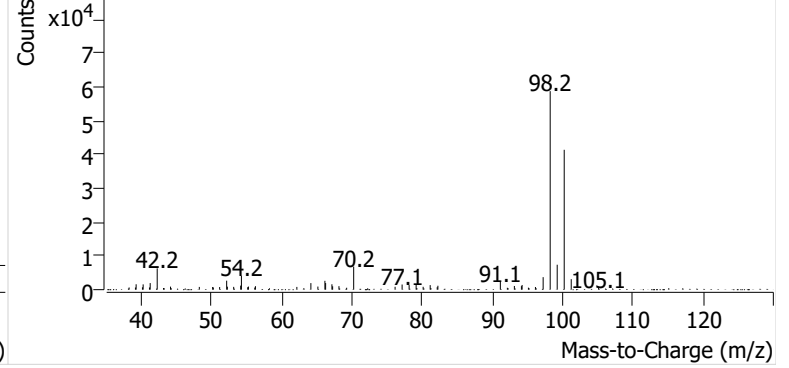


Toluene-d8 (IS)

+ EIC (98.1) Scan M2505463.d

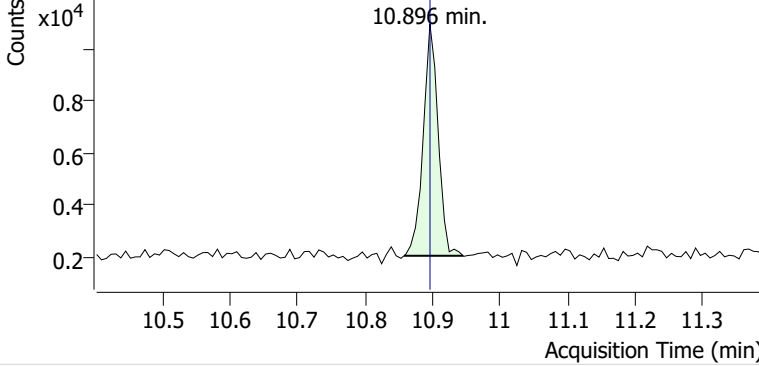


+ Scan (10.753-10.889 min, 20 scans) M2505463.d

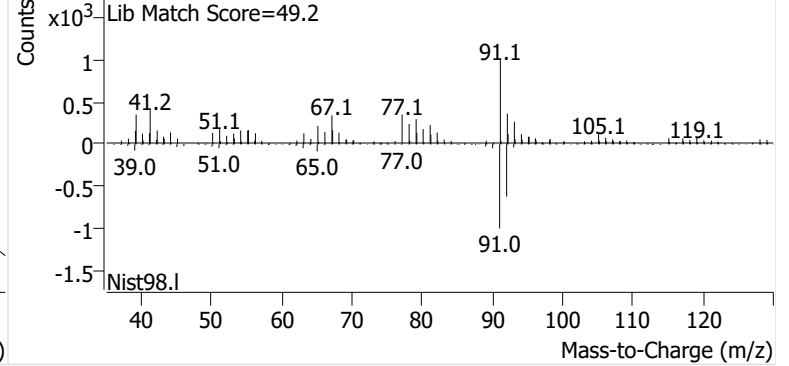


Toluene

+ EIC (91.1) Scan M2505463.d

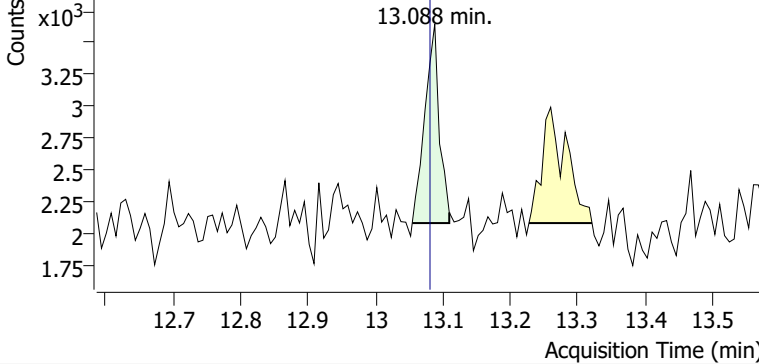


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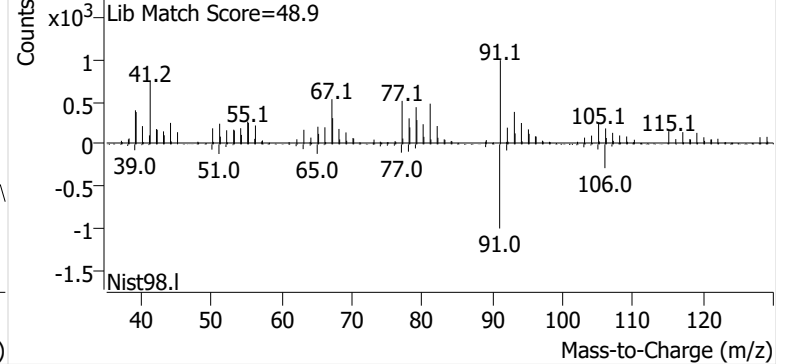


Ethylbenzene

+ EIC (91.1) Scan M2505463.d

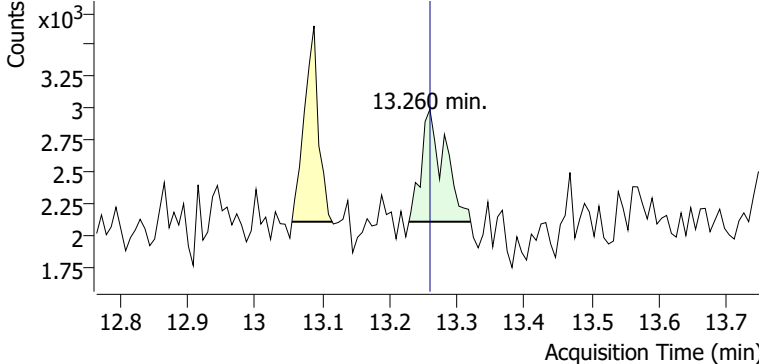


+ Scan (13.055-13.109 min, 8 scans) M2505463.d

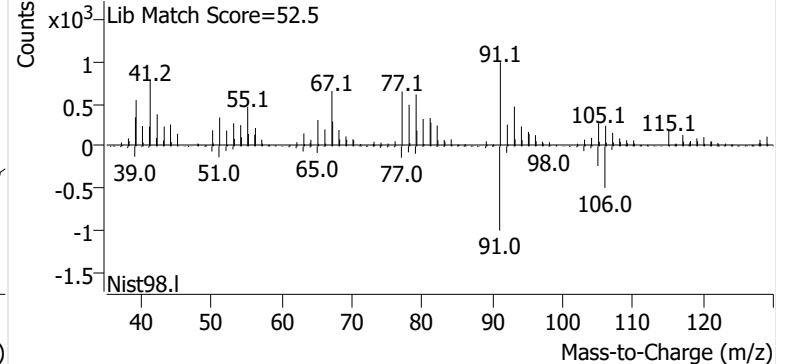


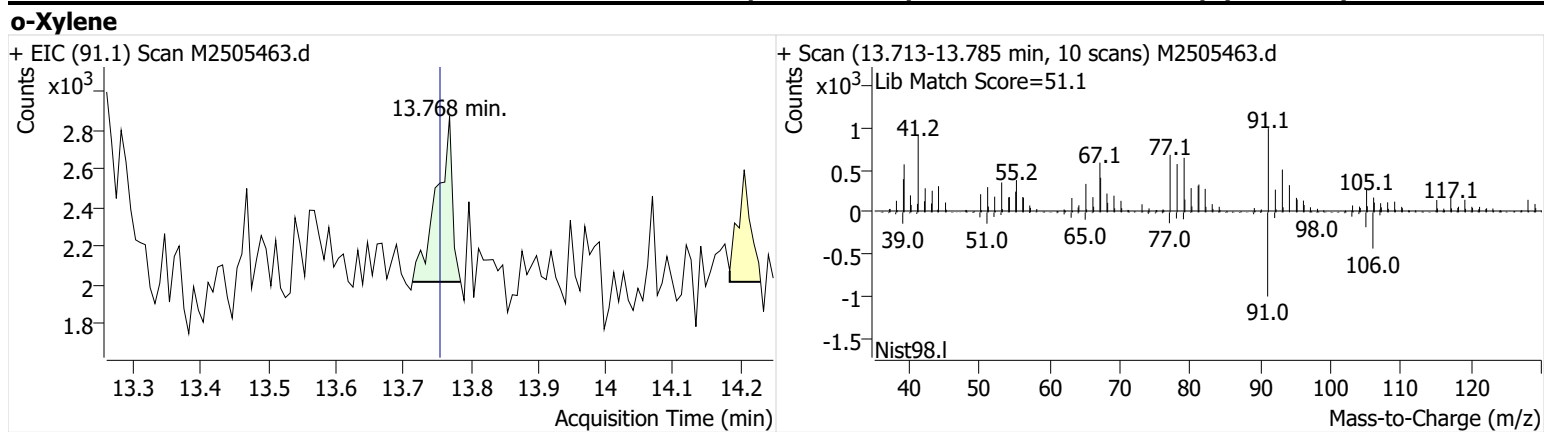
m-/p-Xylenes

+ EIC (91.1) Scan M2505463.d



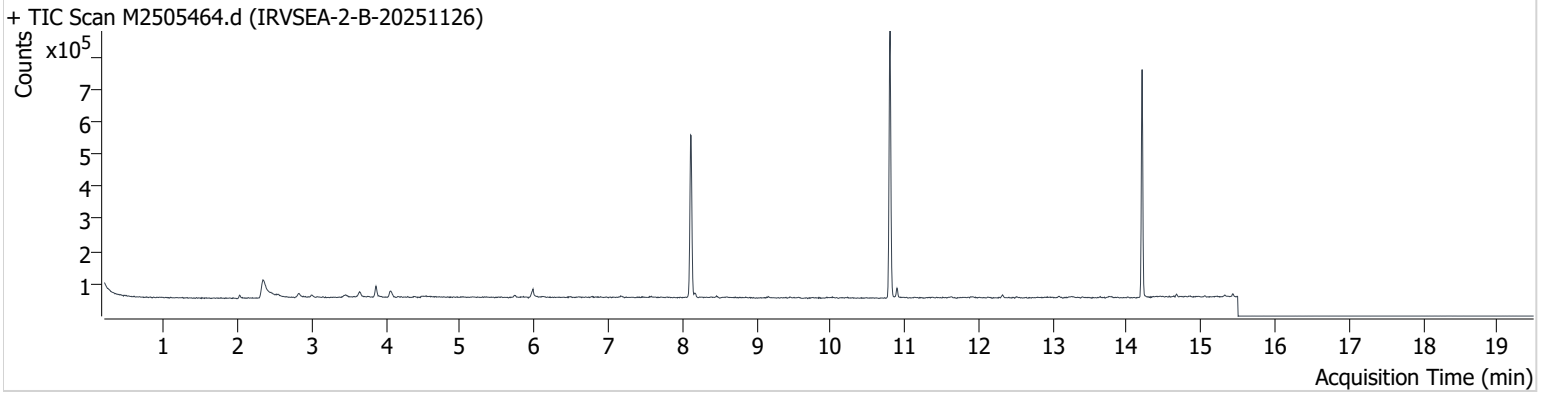
+ Scan (13.229-13.320 min, 13 scans) M2505463.d





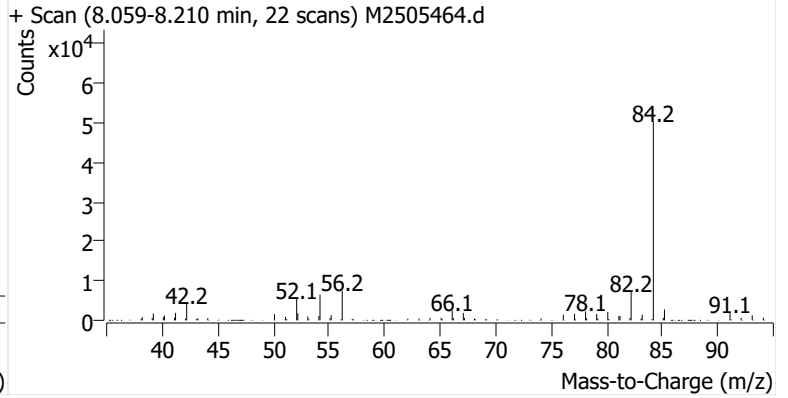
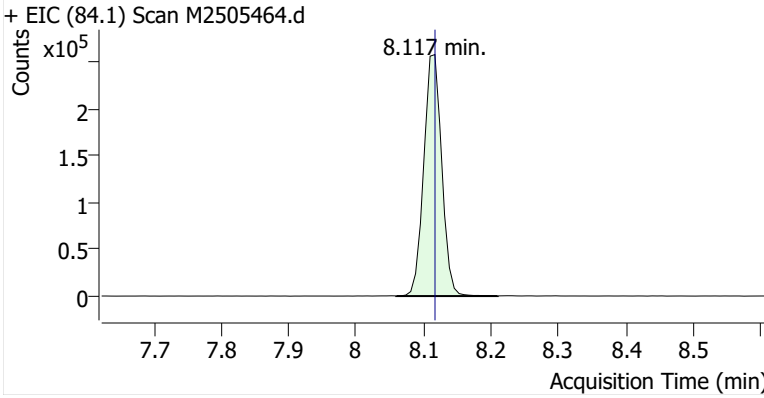
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Comment C71520
Data File M2505464.d
Acq. Date-Time 12/14/2025 1:17:48 AM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

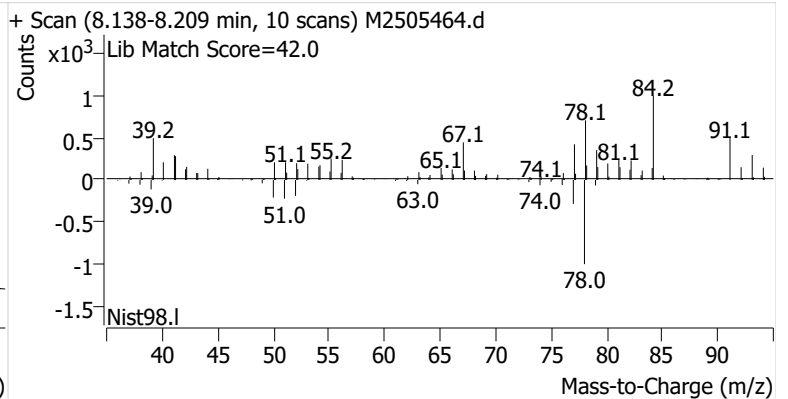
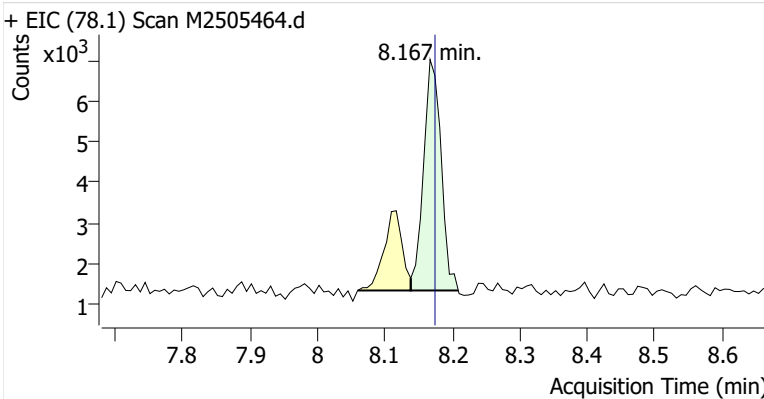


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.117	8.117	476,863	
Benzene	Benzene-d6 (IS)	8.167	8.174	10,249	
Toluene-d8 (IS)		10.803	10.803	511,746	
Toluene	Toluene-d8 (IS)	10.896	10.896	18,544	
Ethylbenzene	Toluene-d8 (IS)	13.088	13.081	3,251	
m-/p-Xylenes	Toluene-d8 (IS)	13.253	13.260	2,585	
o-Xylene	Toluene-d8 (IS)	13.754	13.754	2,101	

Benzene-d6 (IS)

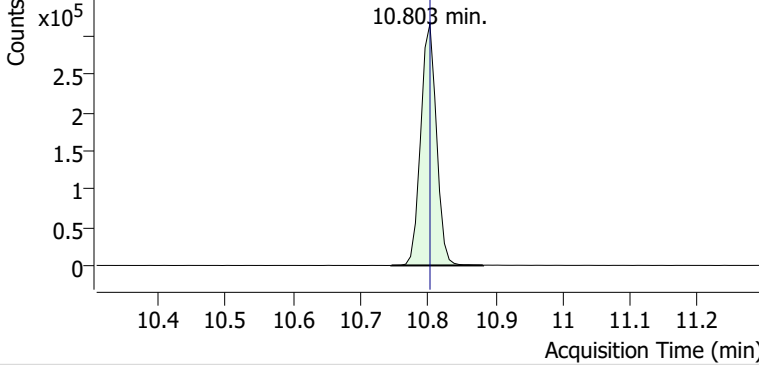


Benzene

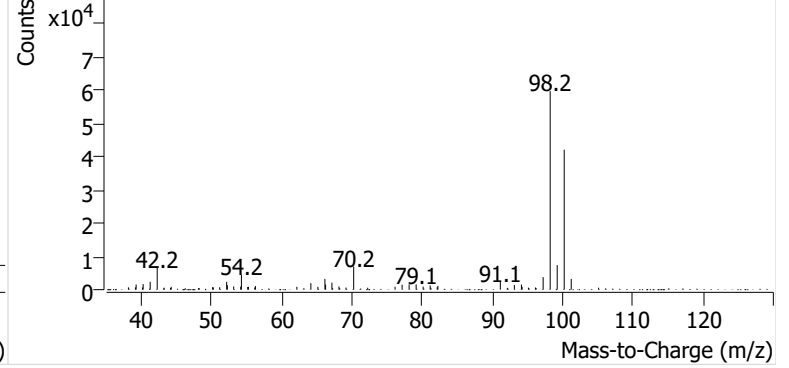


Toluene-d8 (IS)

+ EIC (98.1) Scan M2505464.d

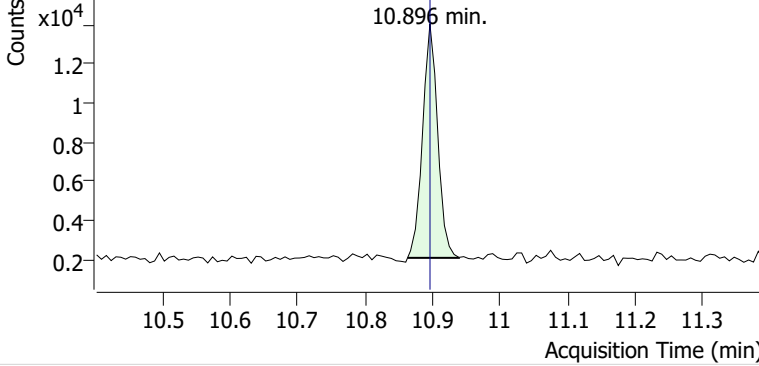


+ Scan (10.746-10.882 min, 20 scans) M2505464.d

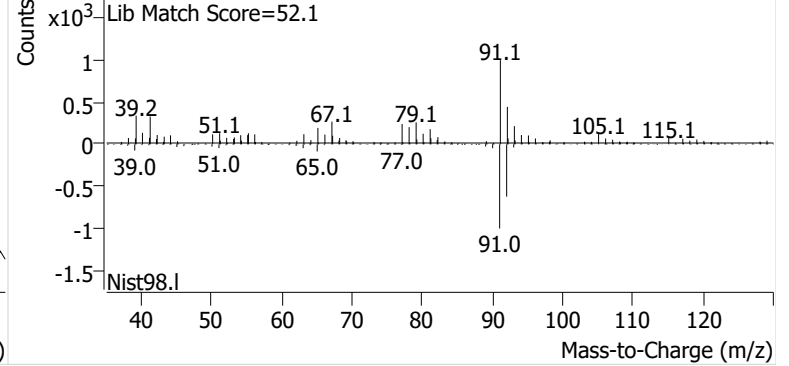


Toluene

+ EIC (91.1) Scan M2505464.d

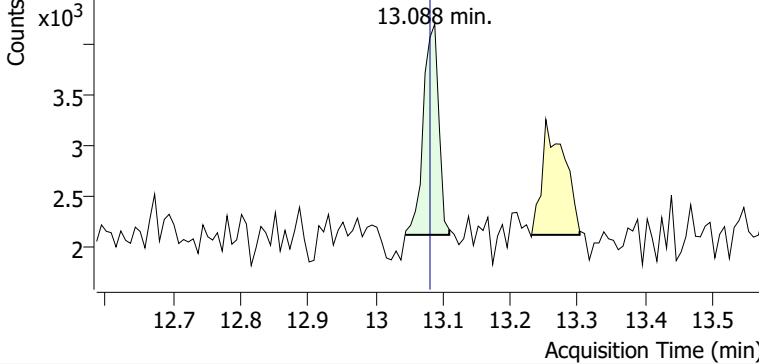


+ Scan (10.863-10.939 min, 11 scans) M2505464.d

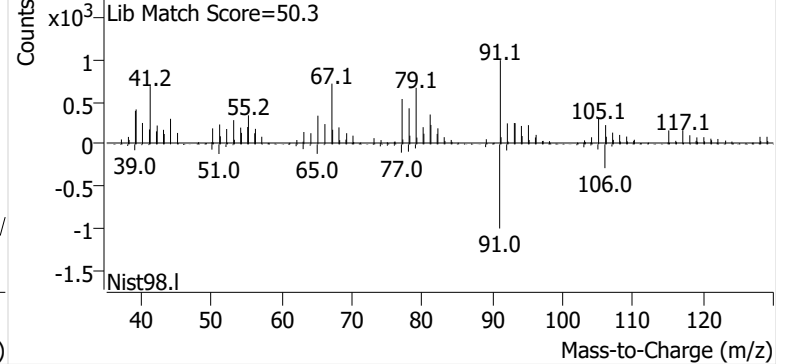


Ethylbenzene

+ EIC (91.1) Scan M2505464.d

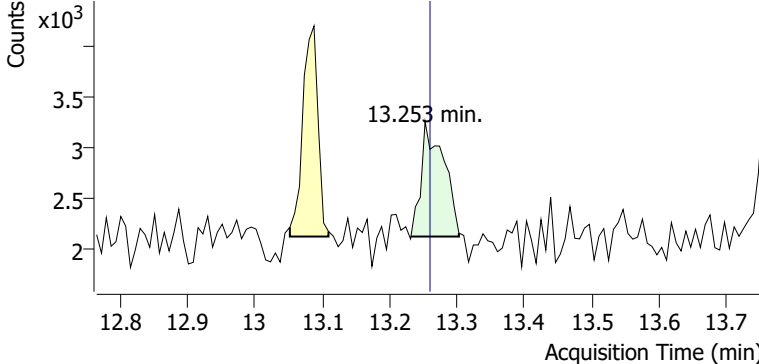


+ Scan (13.044-13.109 min, 10 scans) M2505464.d

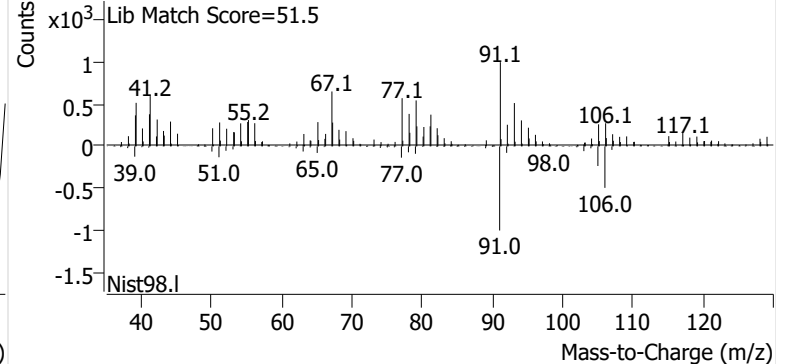


m-/p-Xylenes

+ EIC (91.1) Scan M2505464.d

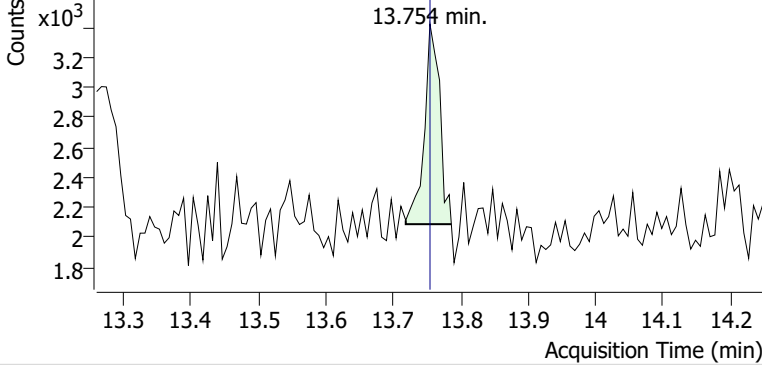


+ Scan (13.232-13.303 min, 10 scans) M2505464.d

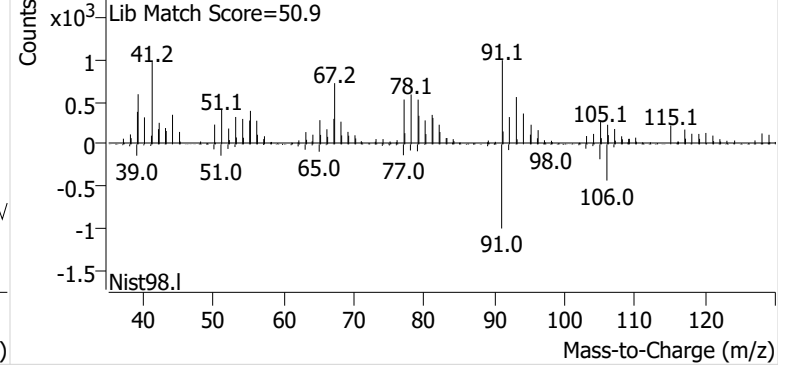


o-Xylene

+ EIC (91.1) Scan M2505464.d

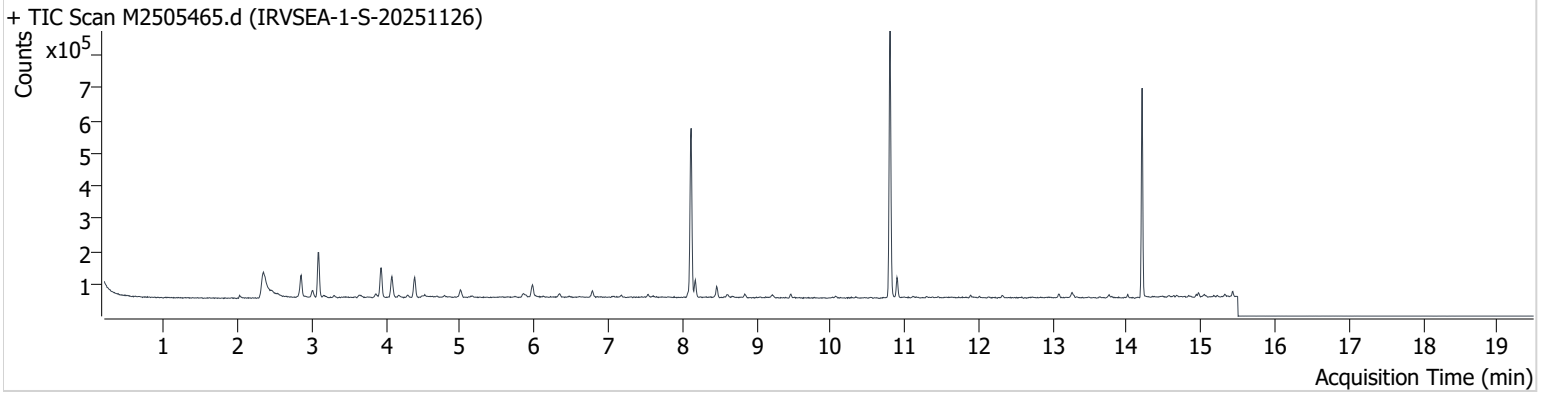


+ Scan (13.718-13.786 min, 10 scans) M2505464.d



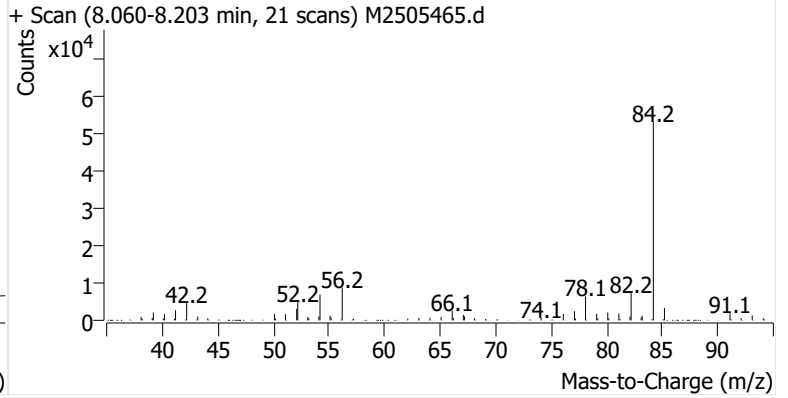
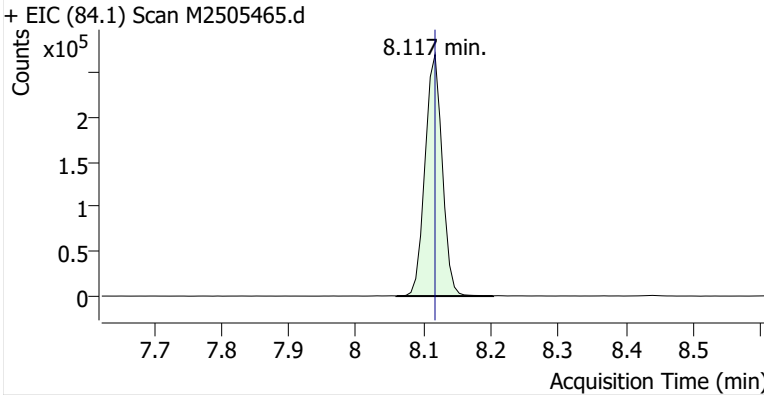
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Comment C33432
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Acq. Date-Time 12/14/2025 1:43:16 AM
Acq. Method File M325B-MTD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

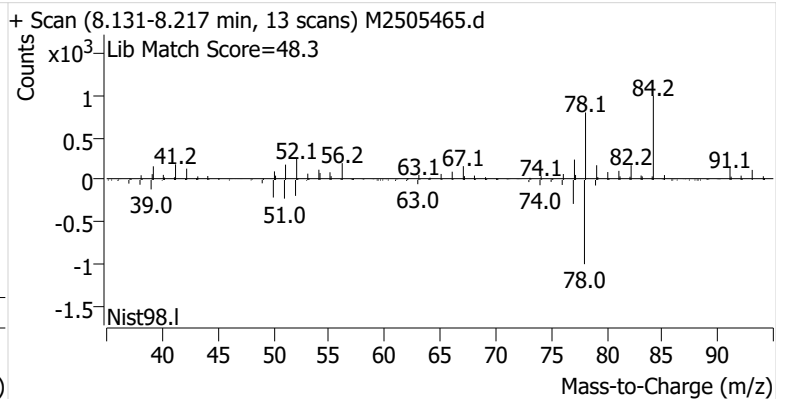
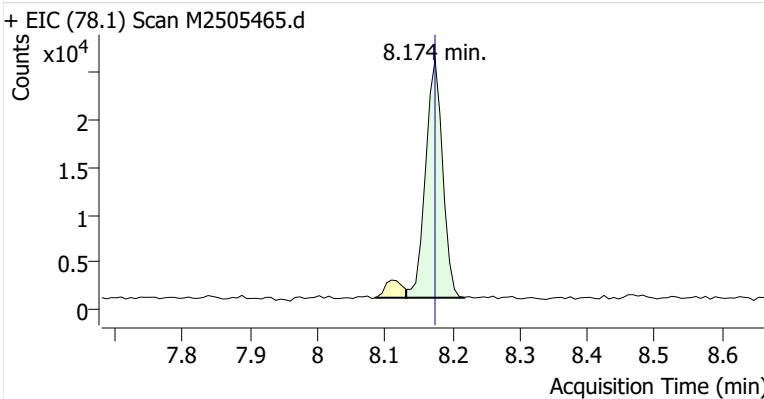


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.117	8.117	478,589	
Benzene	Benzene-d6 (IS)	8.174	8.174	43,770	
Toluene-d8 (IS)		10.803	10.803	508,135	
Toluene	Toluene-d8 (IS)	10.896	10.896	39,216	
Ethylbenzene	Toluene-d8 (IS)	13.081	13.081	7,100	
m-/p-Xylenes	Toluene-d8 (IS)	13.260	13.260	11,818	
o-Xylene	Toluene-d8 (IS)	13.761	13.754	4,865	

Benzene-d6 (IS)

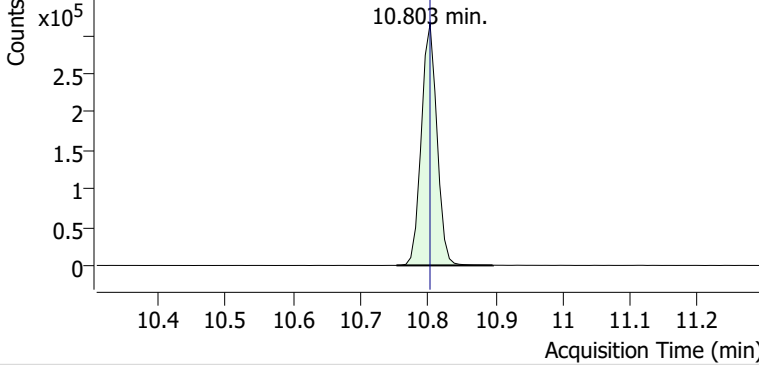


Benzene

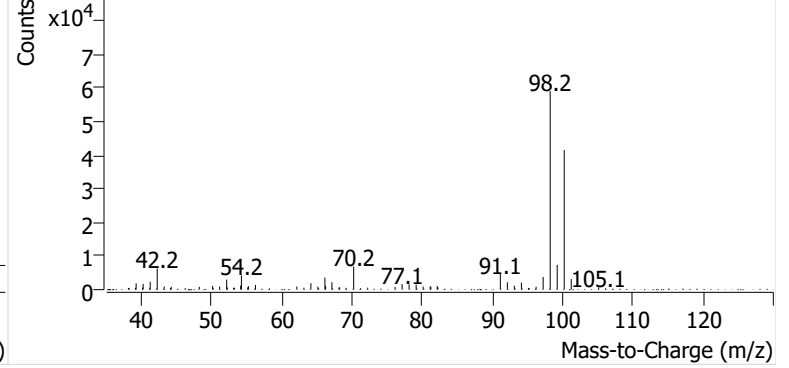


Toluene-d8 (IS)

+ EIC (98.1) Scan M2505465.d

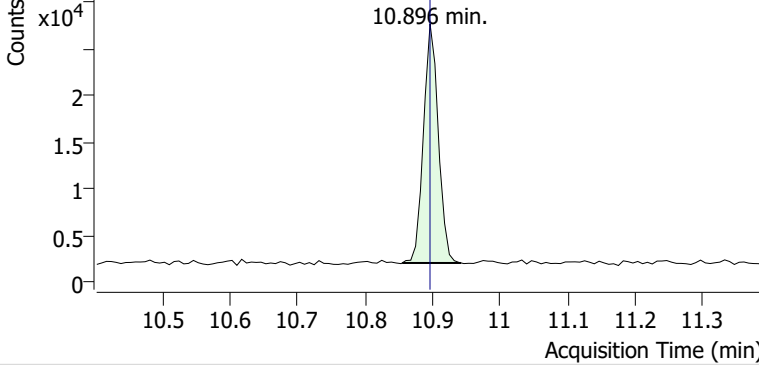


+ Scan (10.753-10.896 min, 20 scans) M2505465.d

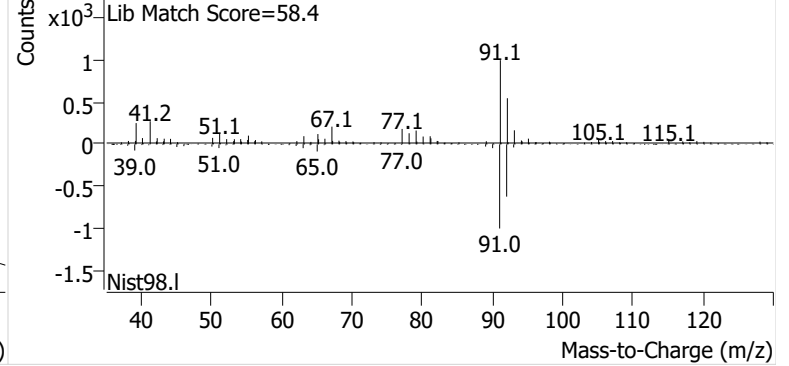


Toluene

+ EIC (91.1) Scan M2505465.d

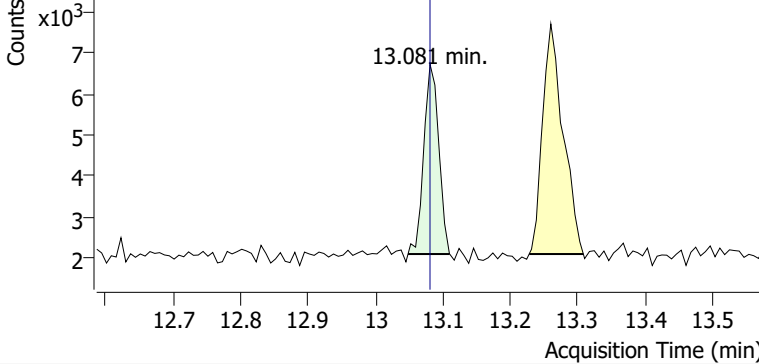


+ Scan (10.855-10.942 min, 12 scans) M2505465.d

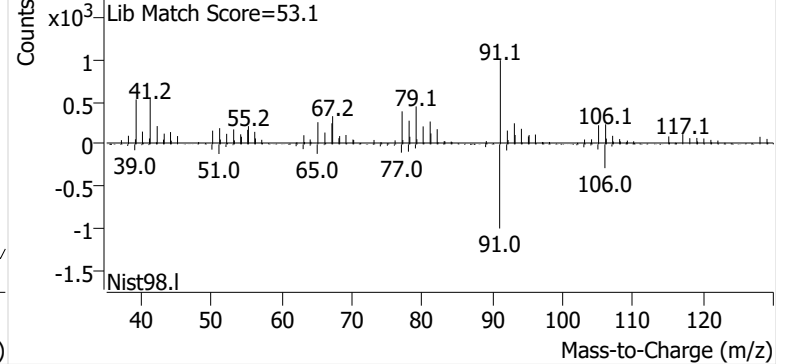


Ethylbenzene

+ EIC (91.1) Scan M2505465.d

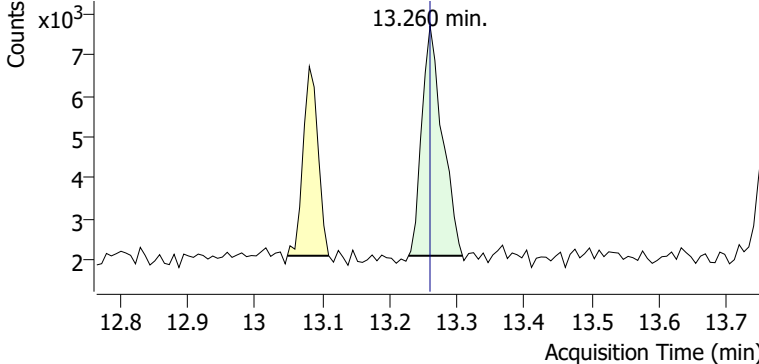


+ Scan (13.048-13.110 min, 9 scans) M2505465.d

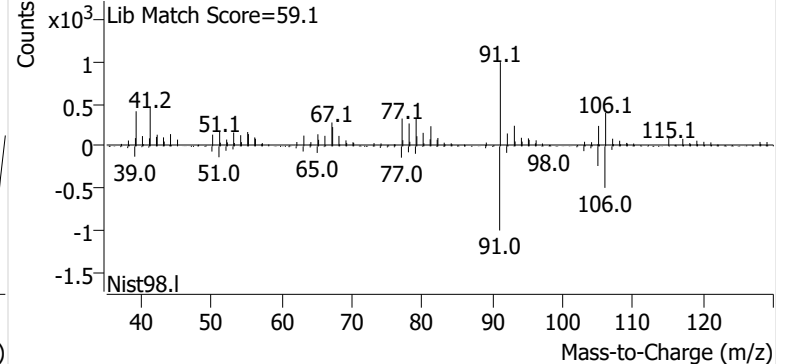


m-/p-Xylenes

+ EIC (91.1) Scan M2505465.d

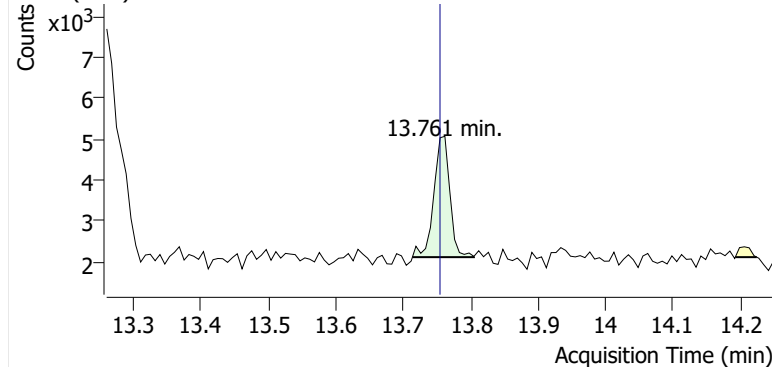


+ Scan (13.228-13.308 min, 11 scans) M2505465.d

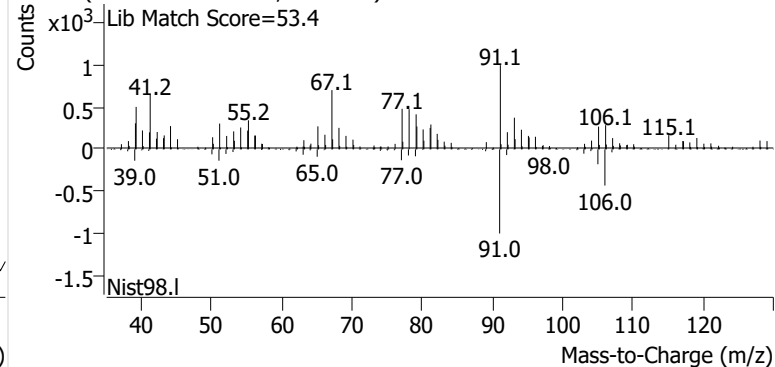


o-Xylene

+ EIC (91.1) Scan M2505465.d

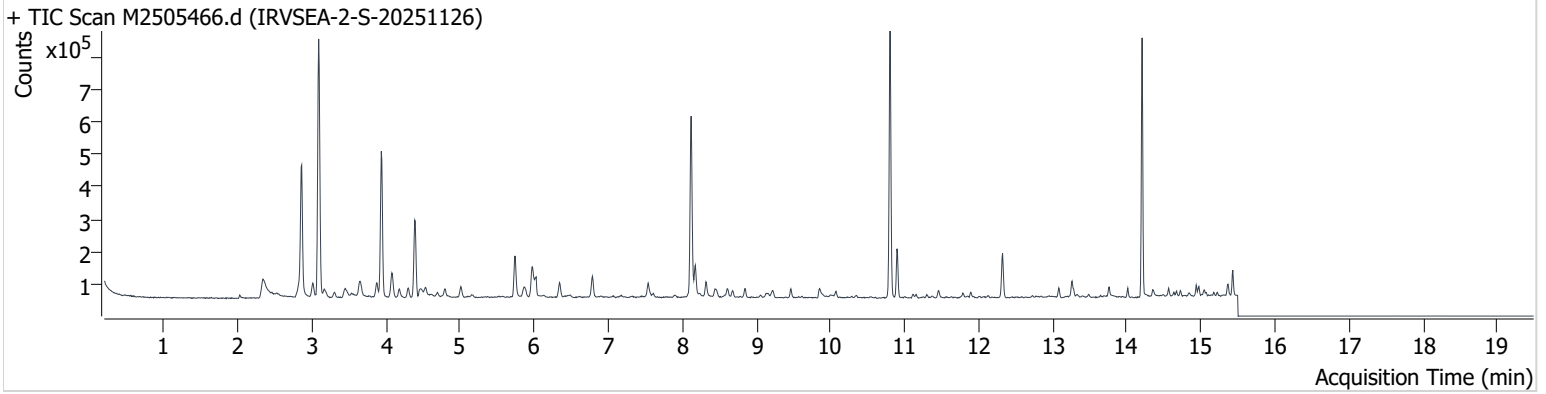


+ Scan (13.713-13.804 min, 13 scans) M2505465.d



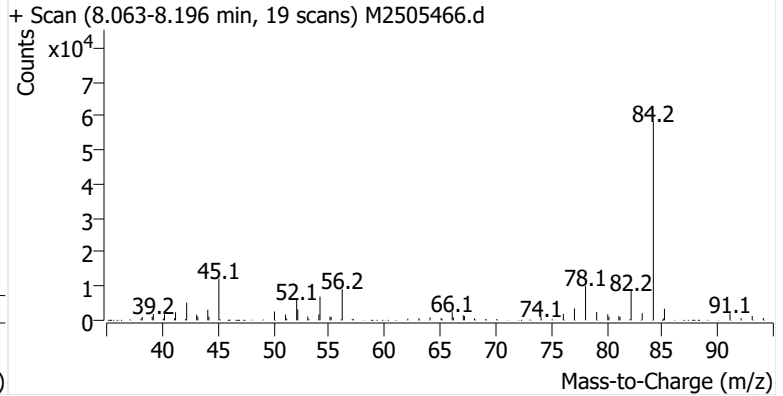
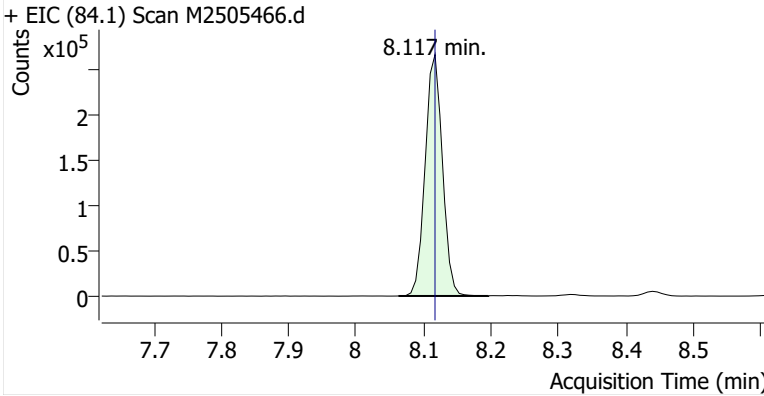
Name IRVSEA-2-S-20251126
Comment C71782
Data File M2505466.d
Acq. Date-Time 12/14/2025 2:08:39 AM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

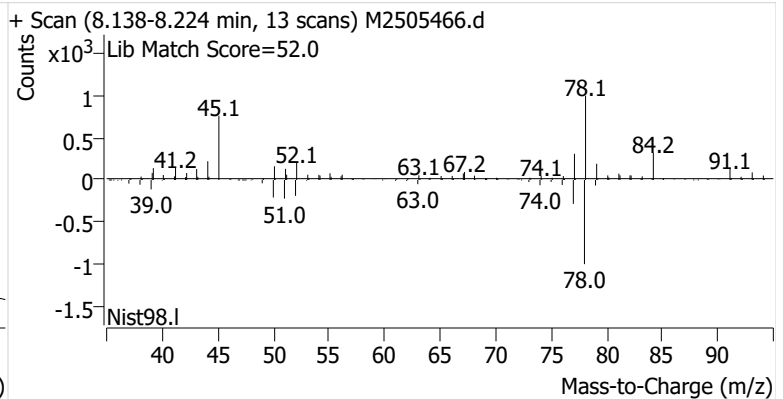
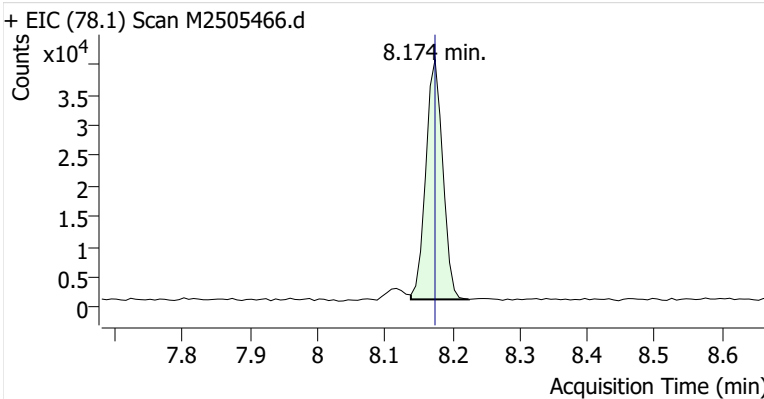


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.117	8.117	474,136	
Benzene	Benzene-d6 (IS)	8.174	8.174	68,974	
Toluene-d8 (IS)		10.803	10.803	504,947	
Toluene	Toluene-d8 (IS)	10.896	10.896	97,551	
Ethylbenzene	Toluene-d8 (IS)	13.081	13.081	17,734	
m-/p-Xylenes	Toluene-d8 (IS)	13.260	13.260	38,104	
o-Xylene	Toluene-d8 (IS)	13.761	13.754	16,344	

Benzene-d6 (IS)

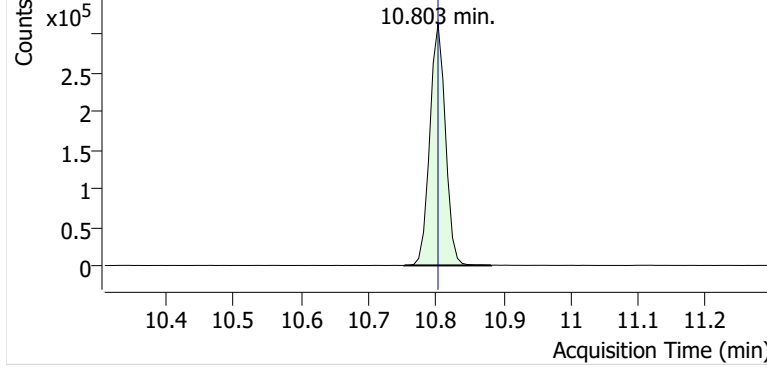


Benzene

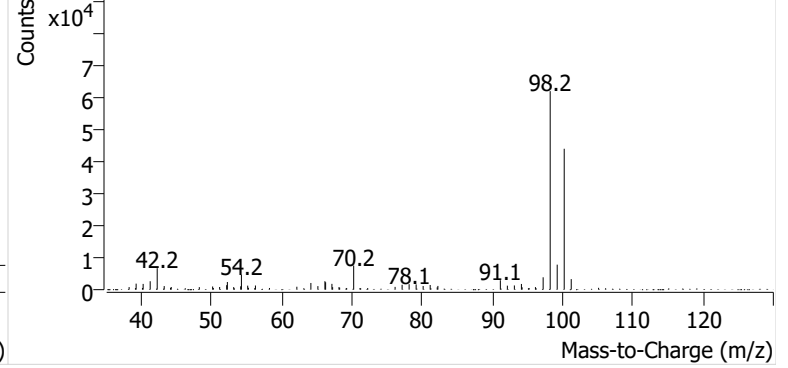


Toluene-d8 (IS)

+ EIC (98.1) Scan M2505466.d

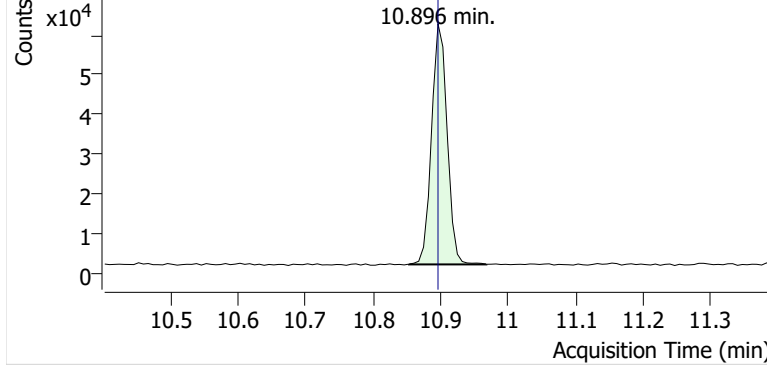


+ Scan (10.753-10.882 min, 19 scans) M2505466.d

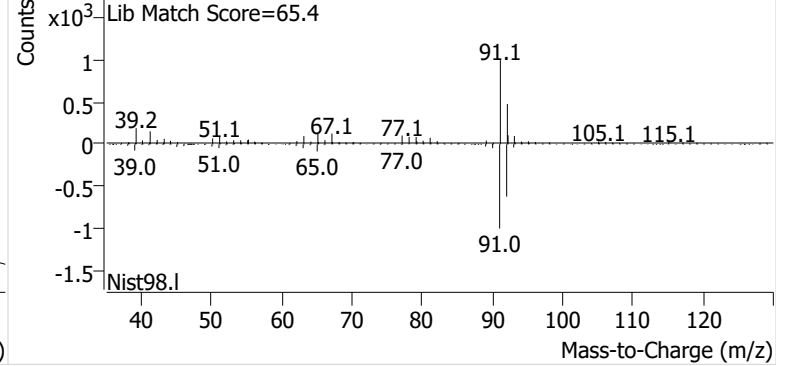


Toluene

+ EIC (91.1) Scan M2505466.d

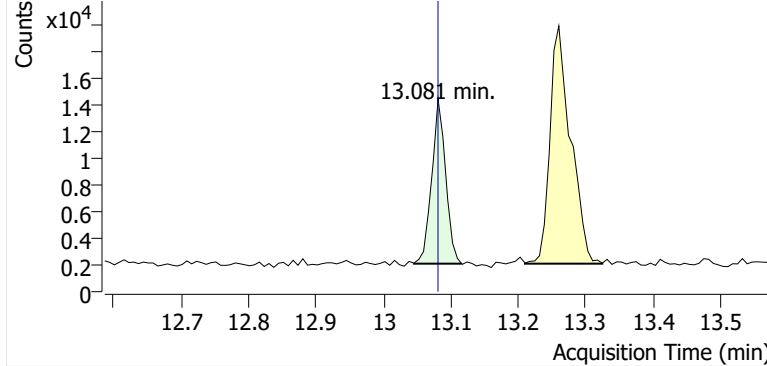


+ Scan (10.853-10.968 min, 17 scans) M2505466.d

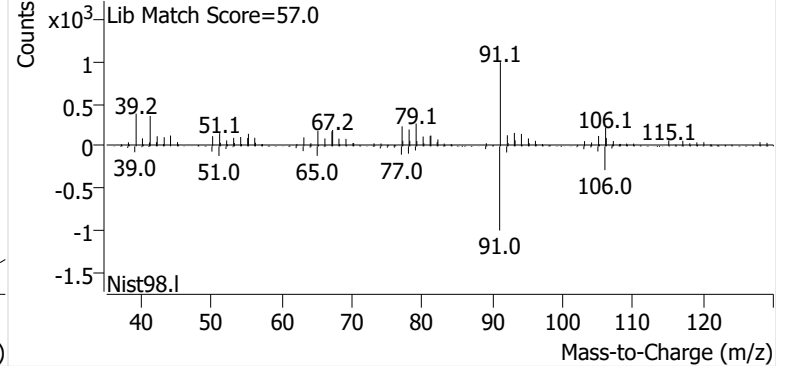


Ethylbenzene

+ EIC (91.1) Scan M2505466.d

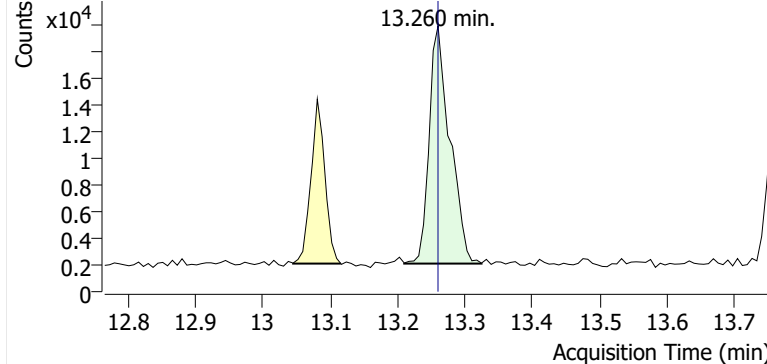


+ Scan (13.045-13.116 min, 10 scans) M2505466.d

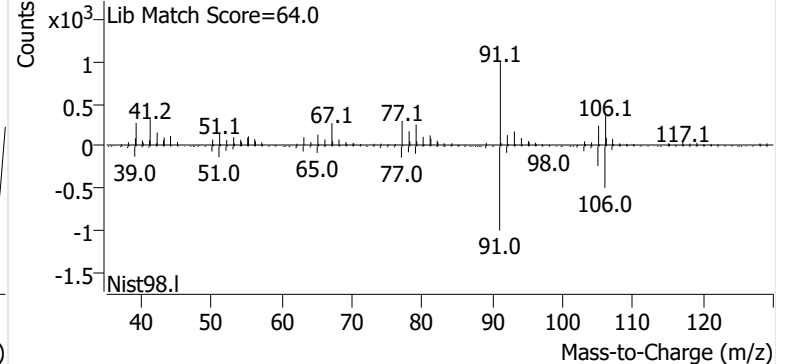


m-/p-Xylenes

+ EIC (91.1) Scan M2505466.d

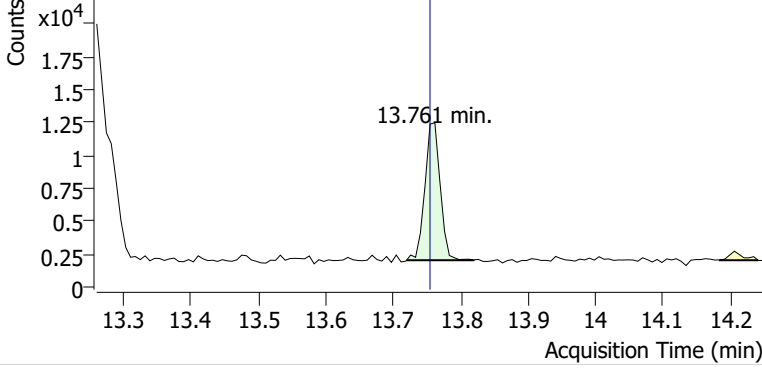


+ Scan (13.210-13.324 min, 17 scans) M2505466.d

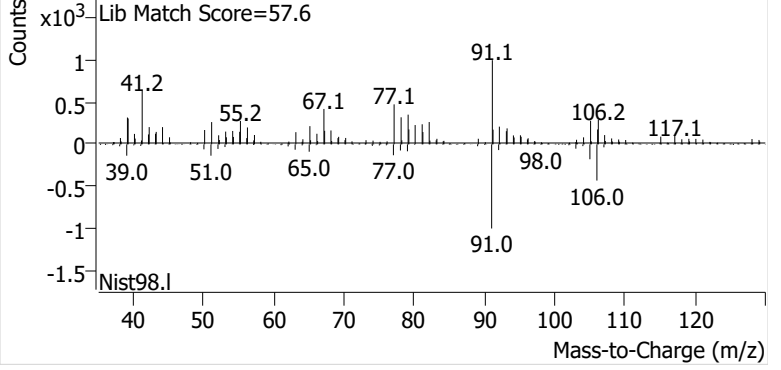


o-Xylene

+ EIC (91.1) Scan M2505466.d

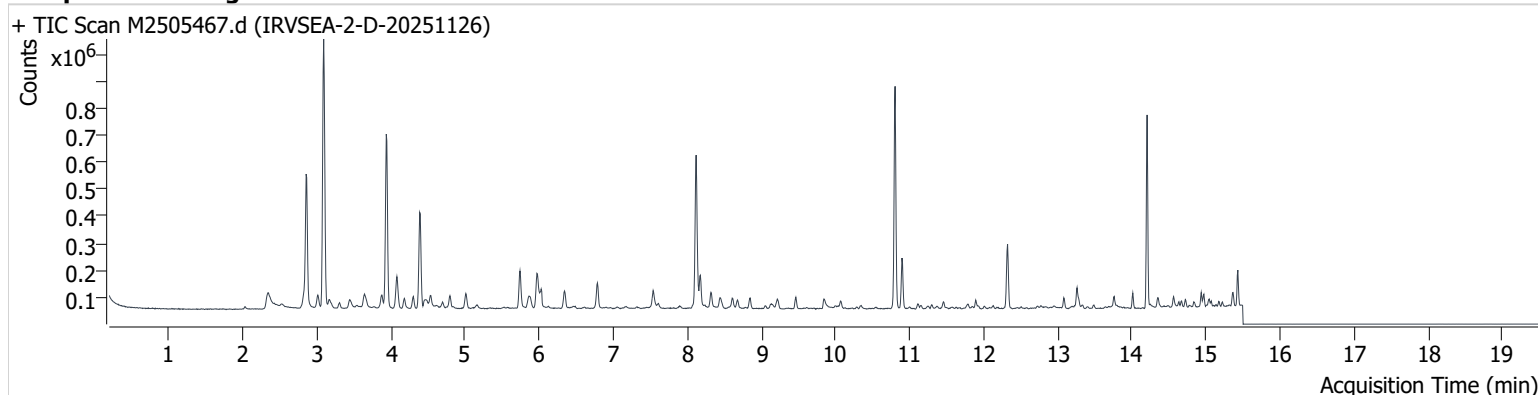


+ Scan (13.719-13.819 min, 14 scans) M2505466.d



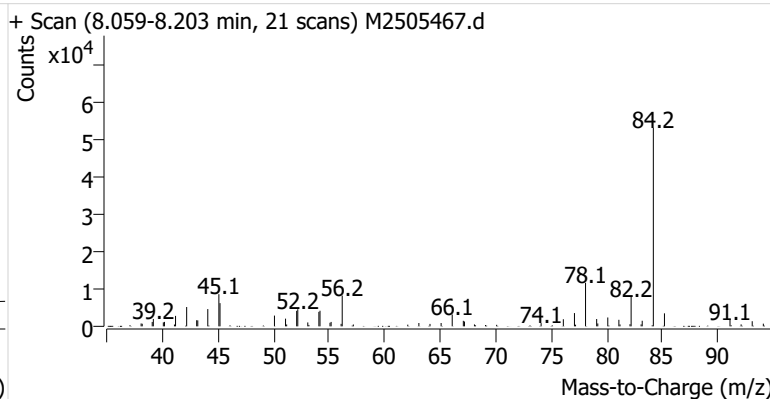
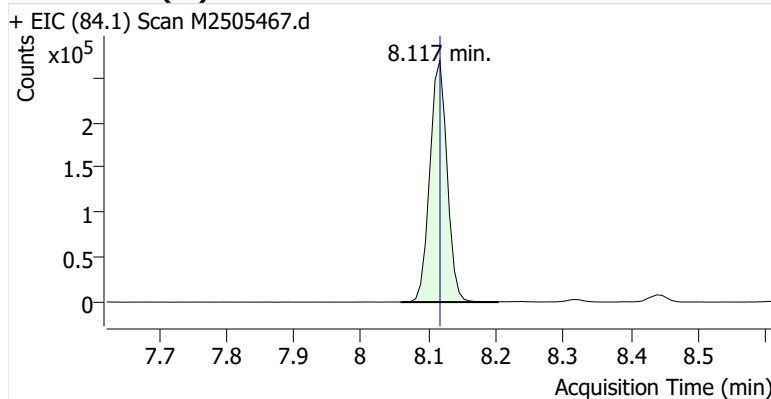
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Comment C71758
Data File M2505467.d
Acq. Date-Time 12/14/2025 2:34:58 AM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

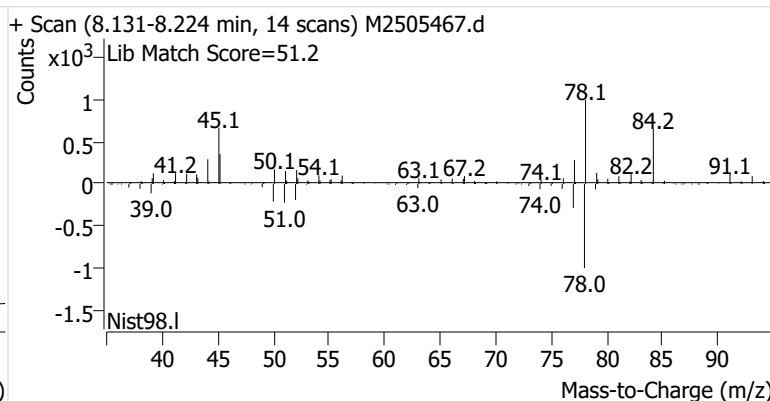
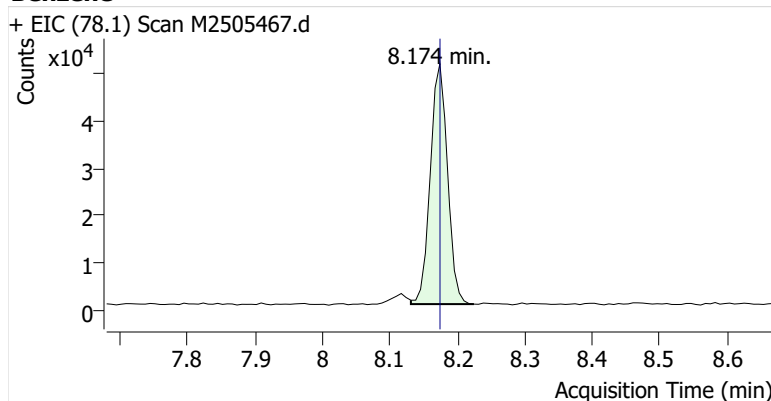


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.117	8.117	477,708	
Benzene	Benzene-d6 (IS)	8.174	8.174	90,244	
Toluene-d8 (IS)		10.803	10.803	514,858	
Toluene	Toluene-d8 (IS)	10.896	10.896	117,617	
Ethylbenzene	Toluene-d8 (IS)	13.081	13.081	23,493	
m-/p-Xylenes	Toluene-d8 (IS)	13.260	13.260	56,014	
o-Xylene	Toluene-d8 (IS)	13.761	13.754	21,899	

Benzene-d6 (IS)

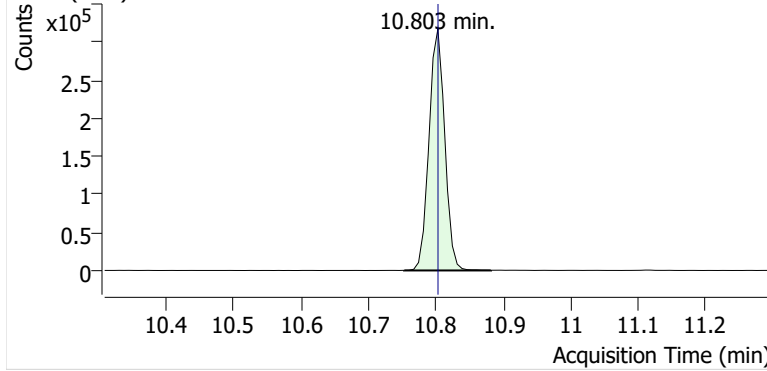


Benzene

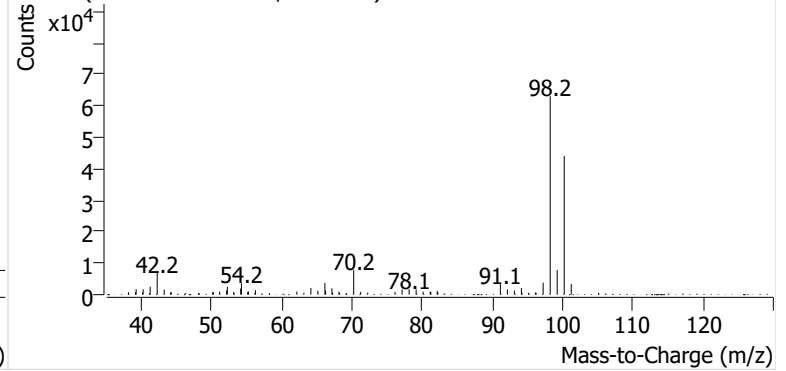


Toluene-d8 (IS)

+ EIC (98.1) Scan M2505467.d

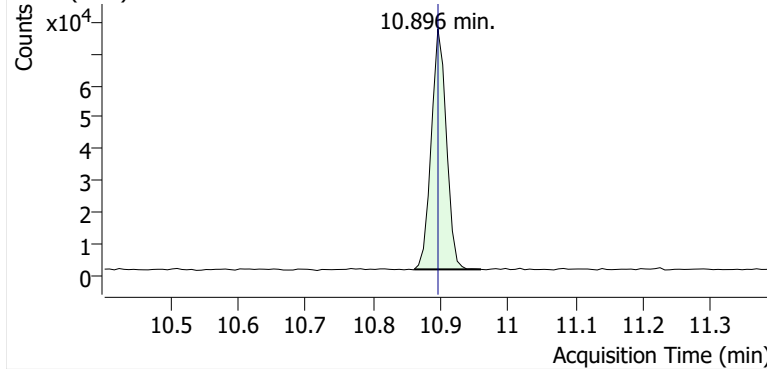


+ Scan (10.753-10.882 min, 19 scans) M2505467.d

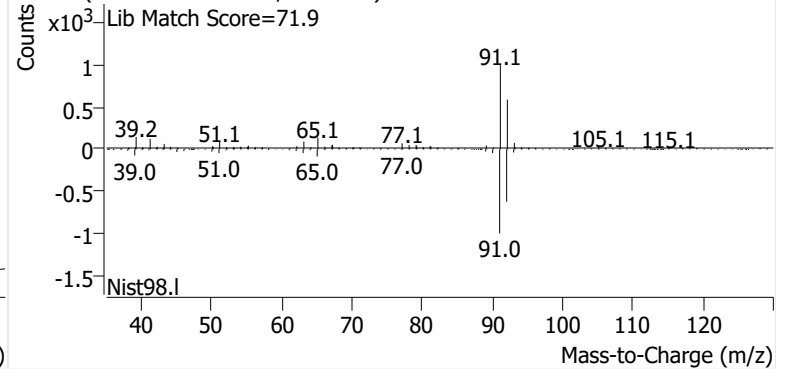


Toluene

+ EIC (91.1) Scan M2505467.d

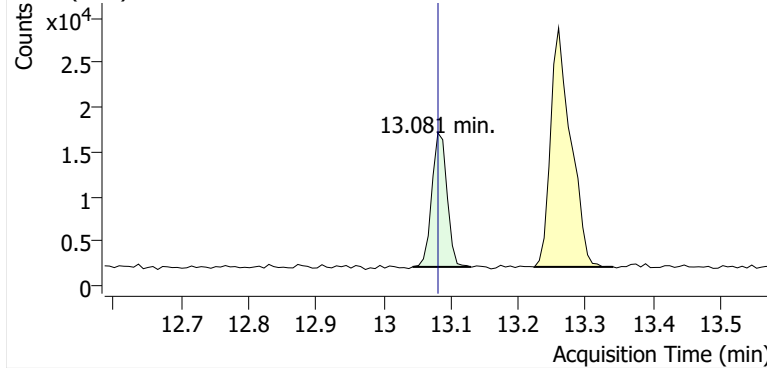


+ Scan (10.861-10.960 min, 13 scans) M2505467.d

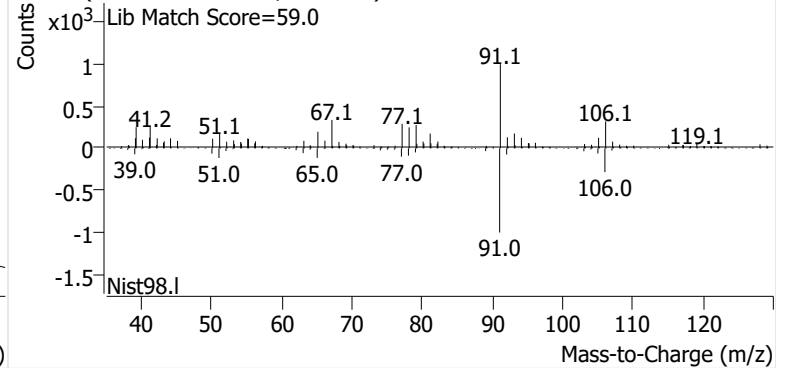


Ethylbenzene

+ EIC (91.1) Scan M2505467.d

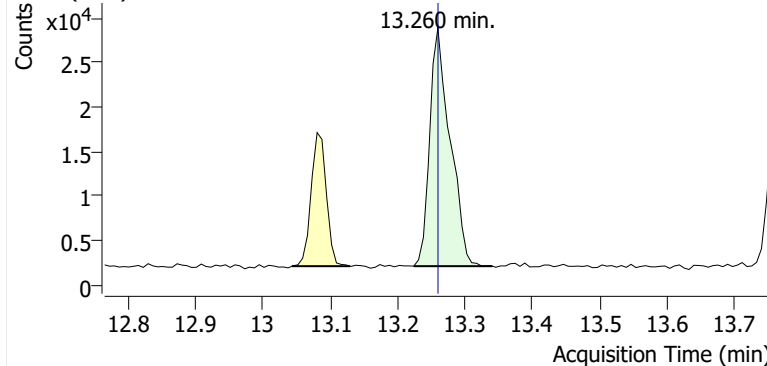


+ Scan (13.043-13.130 min, 12 scans) M2505467.d

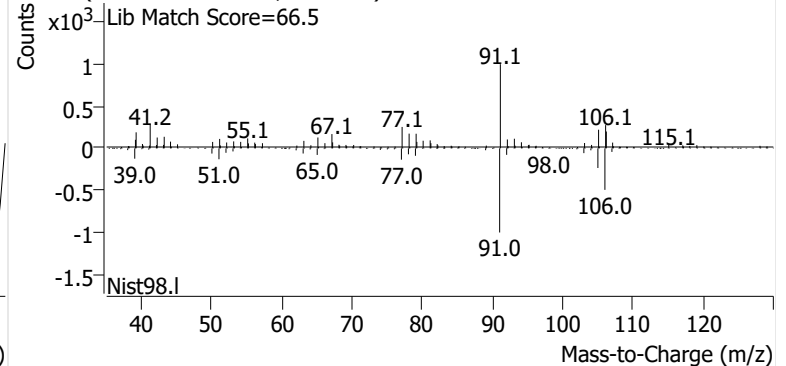


m-/p-Xylenes

+ EIC (91.1) Scan M2505467.d

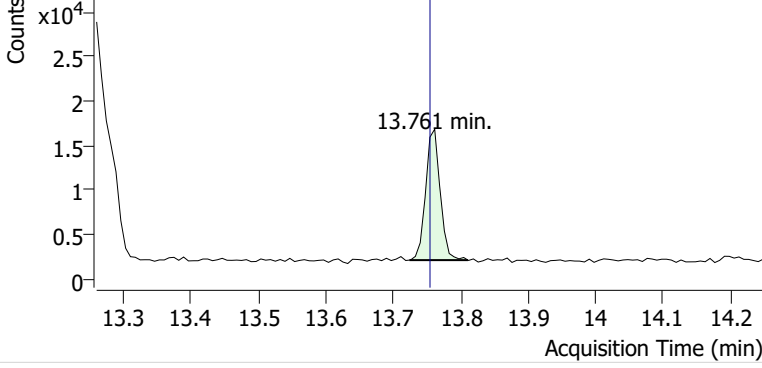


+ Scan (13.224-13.341 min, 17 scans) M2505467.d

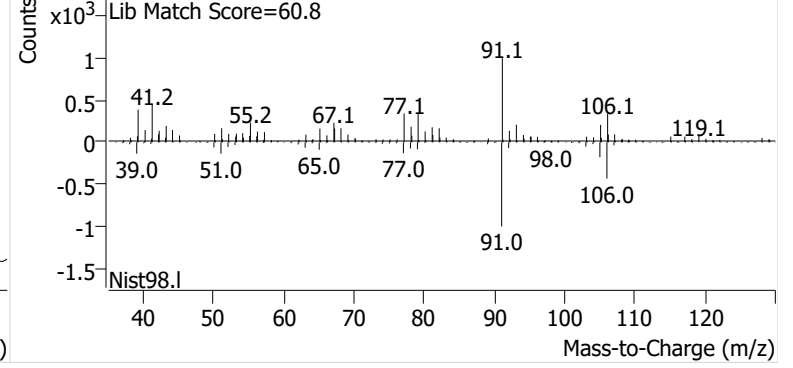


o-Xylene

+ EIC (91.1) Scan M2505467.d

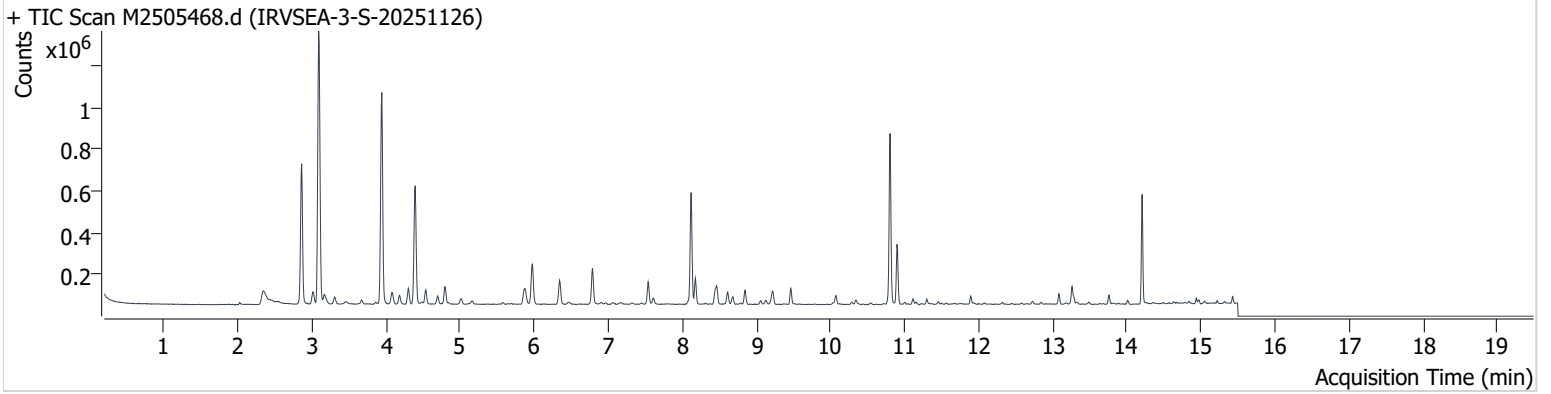


+ Scan (13.724-13.810 min, 12 scans) M2505467.d



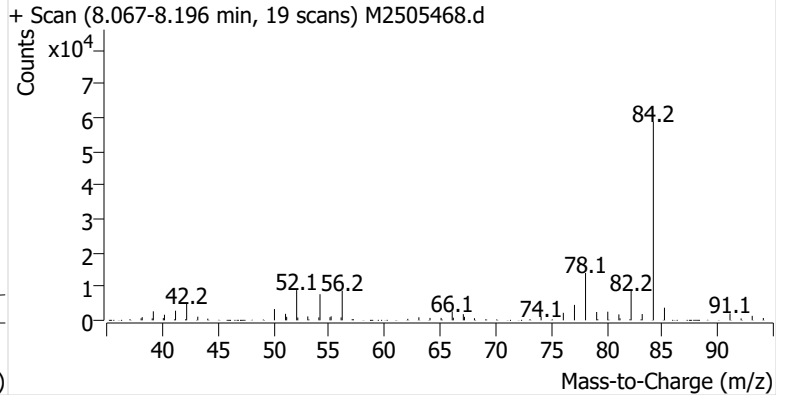
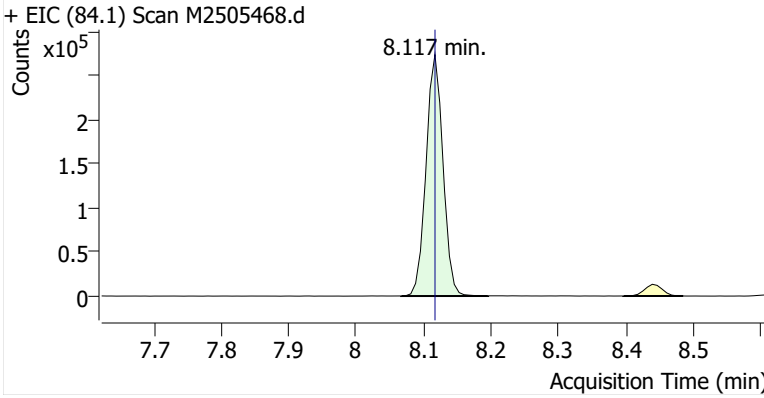
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Comment B18346
Data File M2505468.d
Acq. Date-Time 12/14/2025 3:00:22 AM
Acq. Method File M325B-MTD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

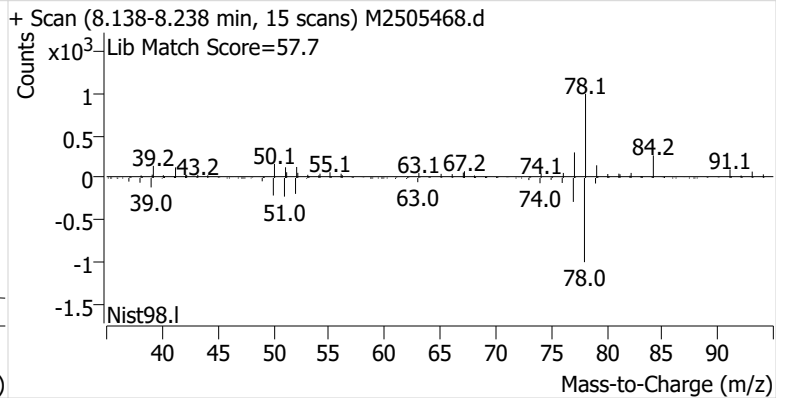
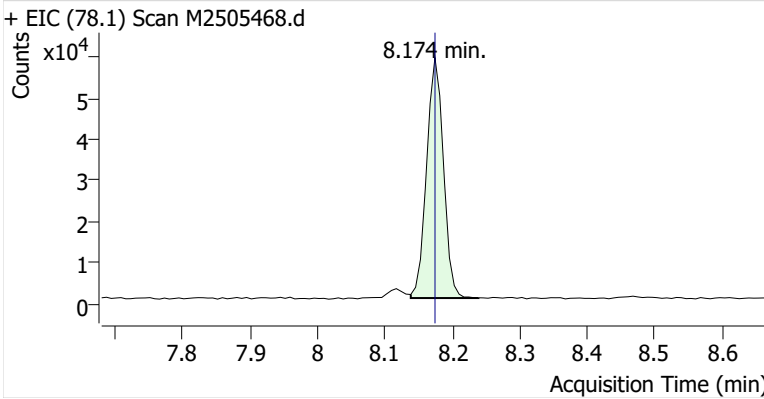


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.117	8.117	478,833	
Benzene	Benzene-d6 (IS)	8.174	8.174	101,639	
Toluene-d8 (IS)		10.803	10.803	503,969	
Toluene	Toluene-d8 (IS)	10.896	10.896	182,501	
Ethylbenzene	Toluene-d8 (IS)	13.081	13.081	31,328	
m-/p-Xylenes	Toluene-d8 (IS)	13.260	13.260	60,488	
o-Xylene	Toluene-d8 (IS)	13.761	13.754	23,881	

Benzene-d6 (IS)

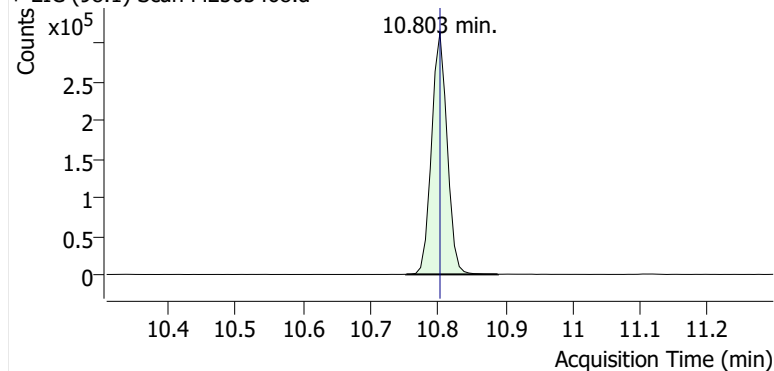


Benzene

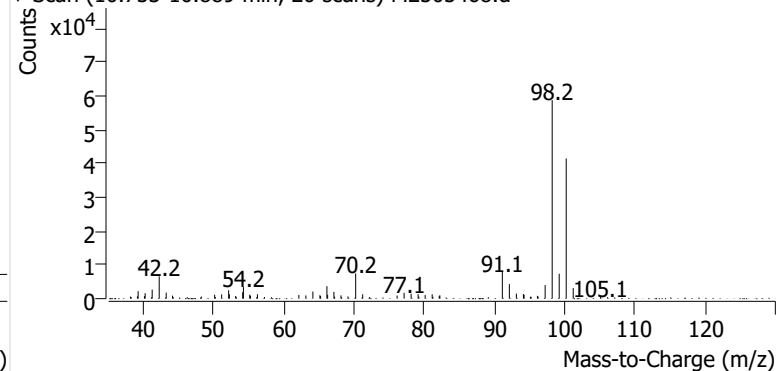


Toluene-d8 (IS)

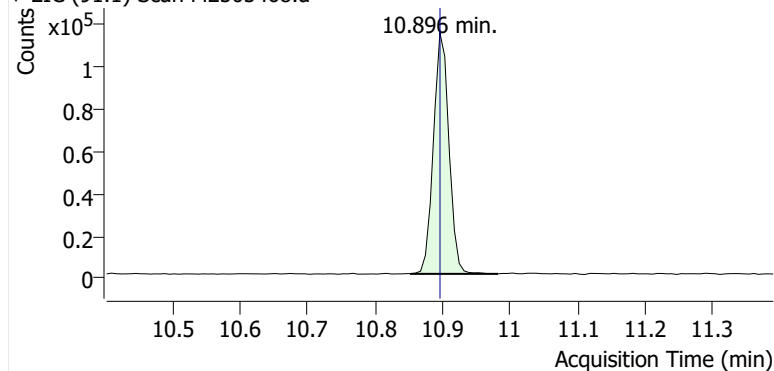
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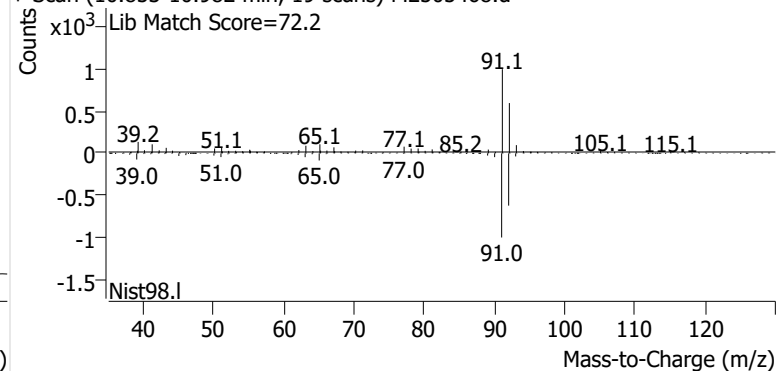
+ Scan (10.753-10.889 min, 20 scans) M2505468.d

**Toluene**

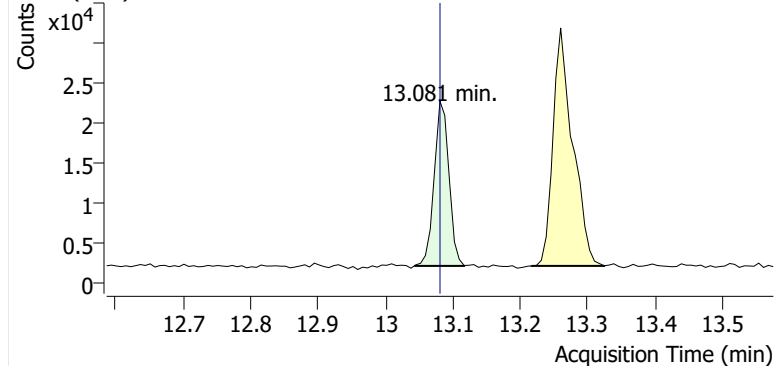
+ EIC (91.1) Scan M2505468.d



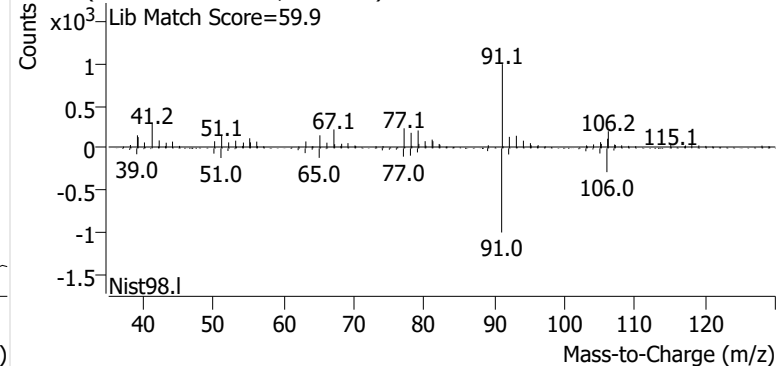
+ Scan (10.853-10.982 min, 19 scans) M2505468.d

**Ethylbenzene**

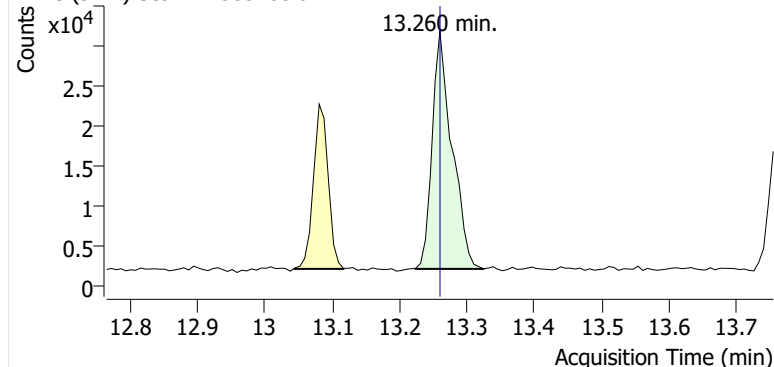
+ EIC (91.1) Scan M2505468.d



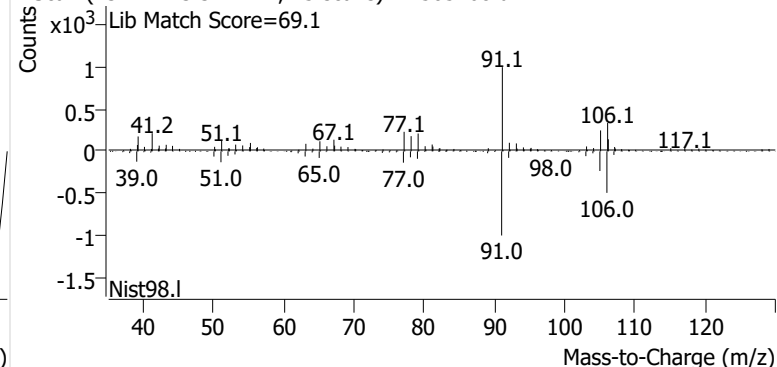
+ Scan (13.043-13.117 min, 11 scans) M2505468.d

**m-/p-Xylenes**

+ EIC (91.1) Scan M2505468.d

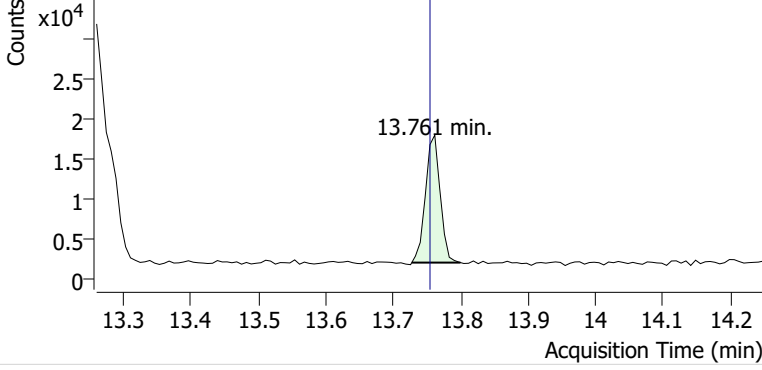


+ Scan (13.224-13.324 min, 15 scans) M2505468.d

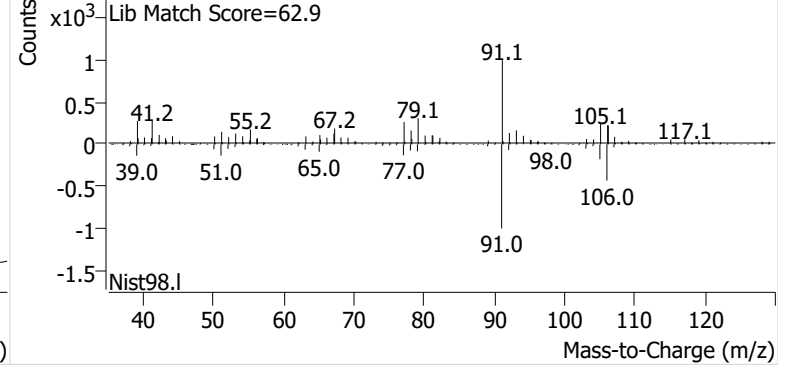


o-Xylene

+ EIC (91.1) Scan M2505468.d

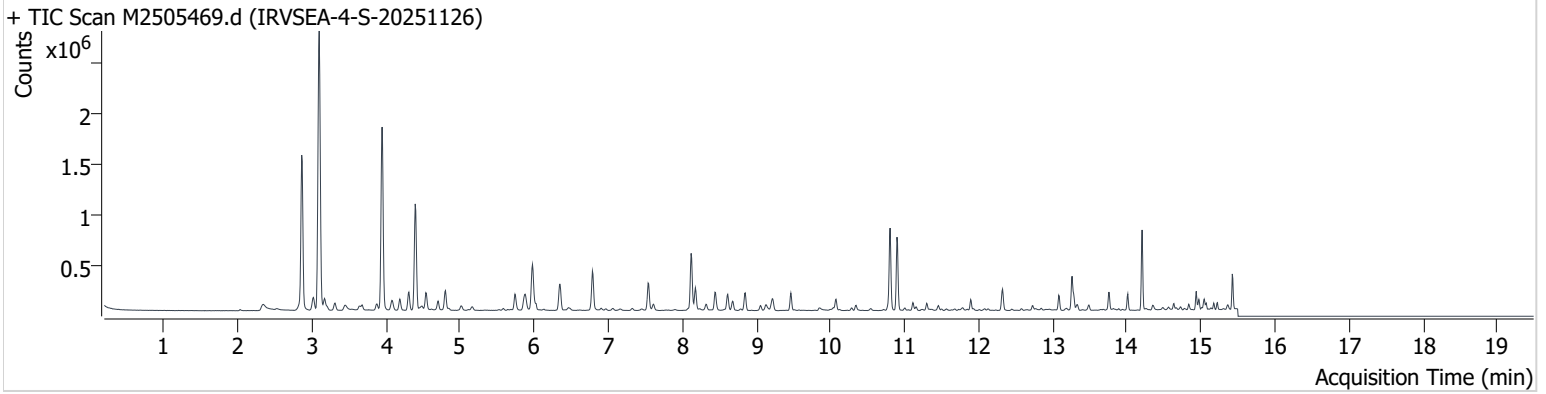


+ Scan (13.727-13.799 min, 10 scans) M2505468.d



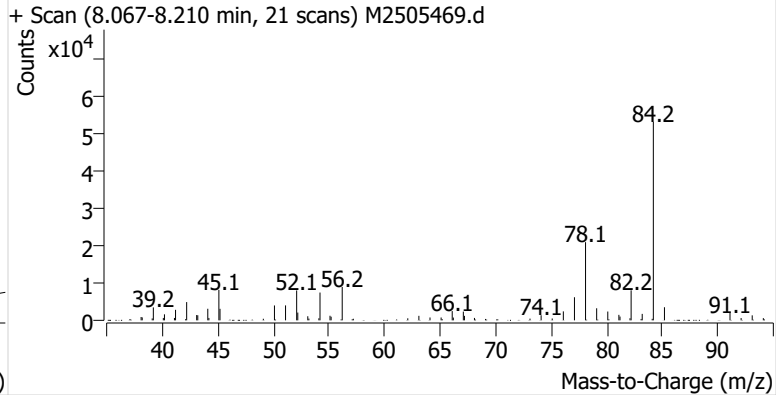
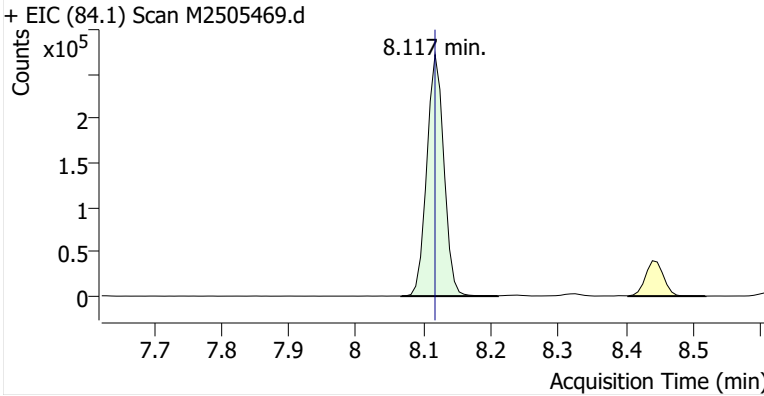
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Comment C71538
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Acq. Date-Time 12/14/2025 3:25:48 AM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

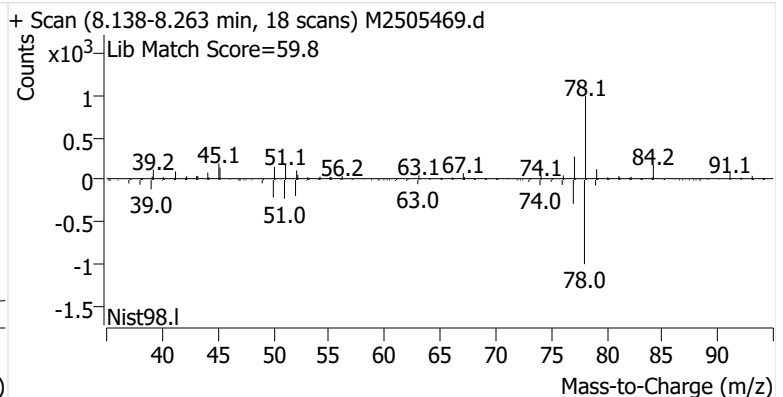
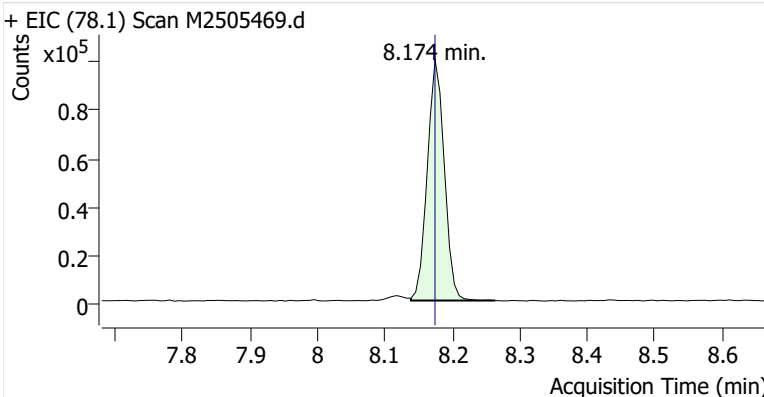


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.117	8.117	480,307	
Benzene	Benzene-d6 (IS)	8.174	8.174	174,863	
Toluene-d8 (IS)		10.803	10.803	502,715	
Toluene	Toluene-d8 (IS)	10.896	10.896	479,826	
Ethylbenzene	Toluene-d8 (IS)	13.081	13.081	96,671	
m-/p-Xylenes	Toluene-d8 (IS)	13.260	13.260	251,952	
o-Xylene	Toluene-d8 (IS)	13.761	13.754	99,174	

Benzene-d6 (IS)

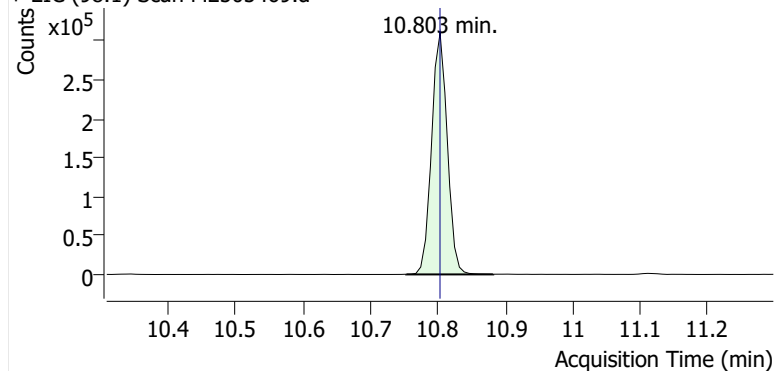


Benzene

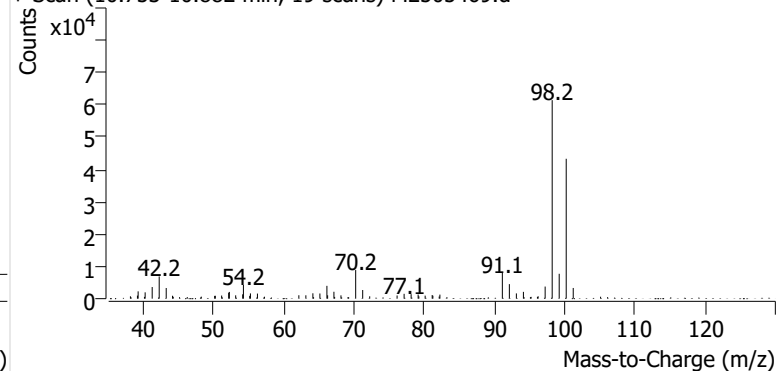


Toluene-d8 (IS)

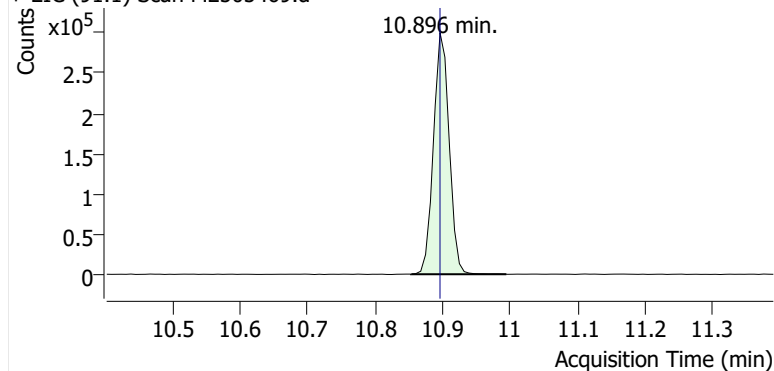
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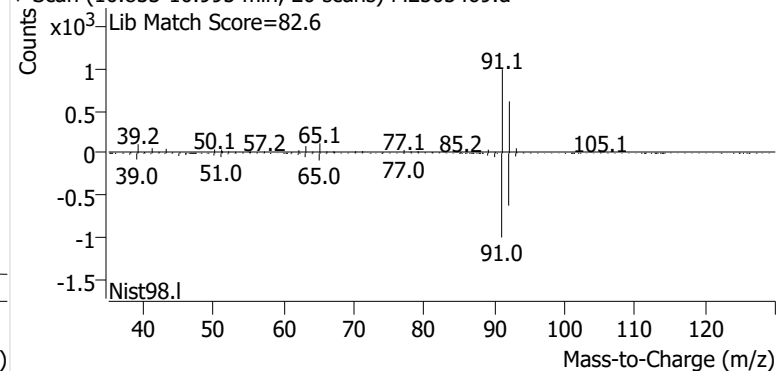
+ Scan (10.753-10.882 min, 19 scans) M2505469.d

**Toluene**

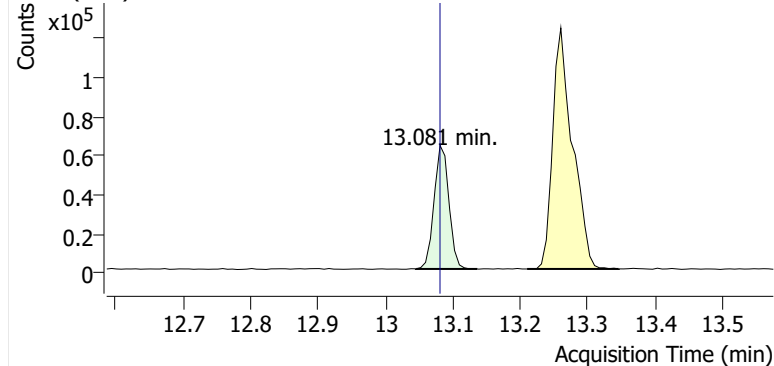
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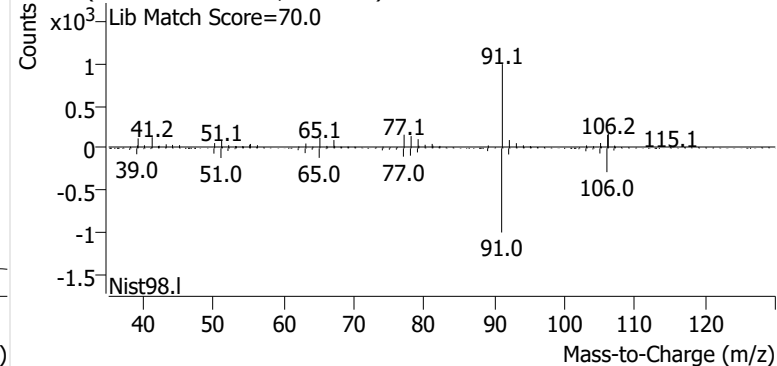
+ Scan (10.853-10.995 min, 20 scans) M2505469.d

**Ethylbenzene**

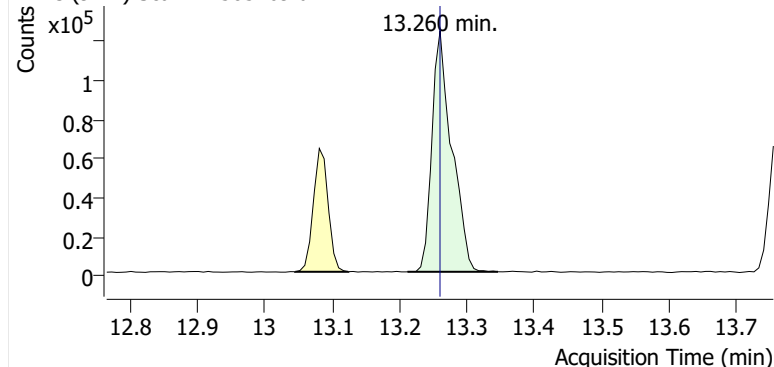
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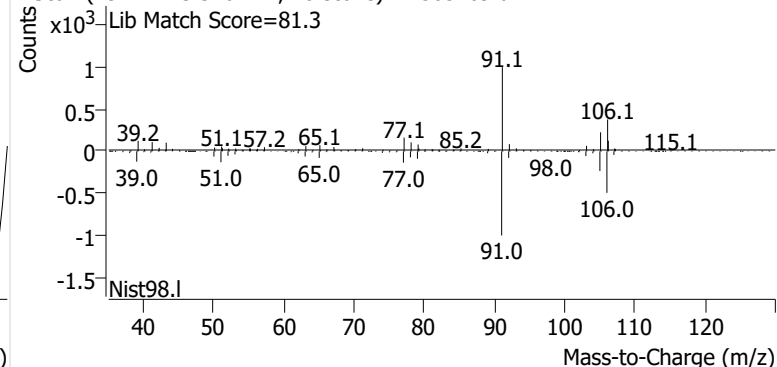
+ Scan (13.045-13.136 min, 13 scans) M2505469.d

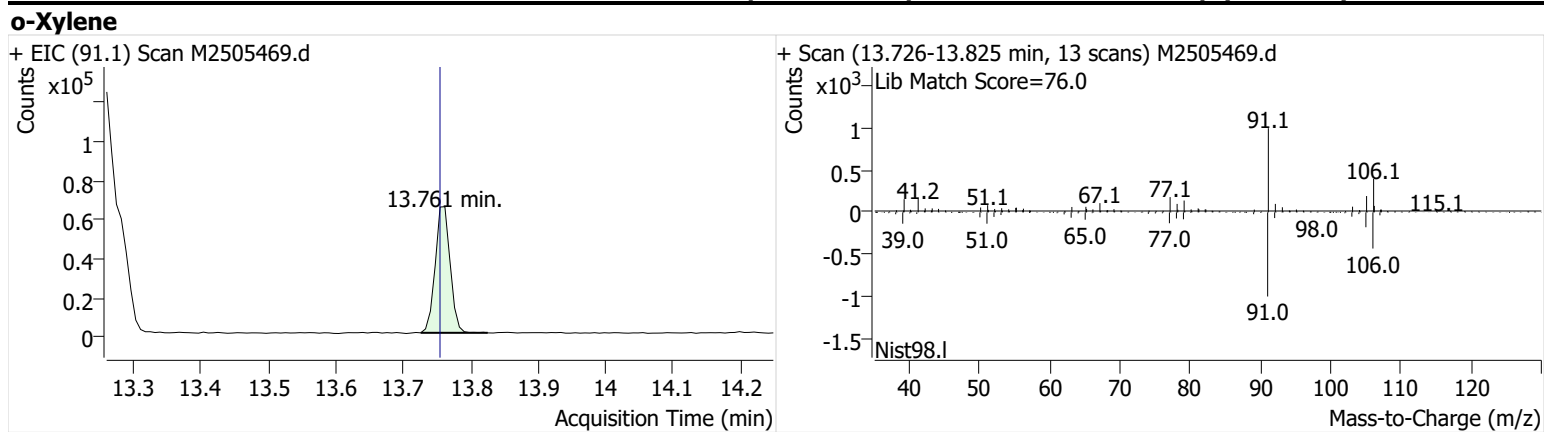
**m-/p-Xylenes**

+ EIC (91.1) Scan M2505469.d



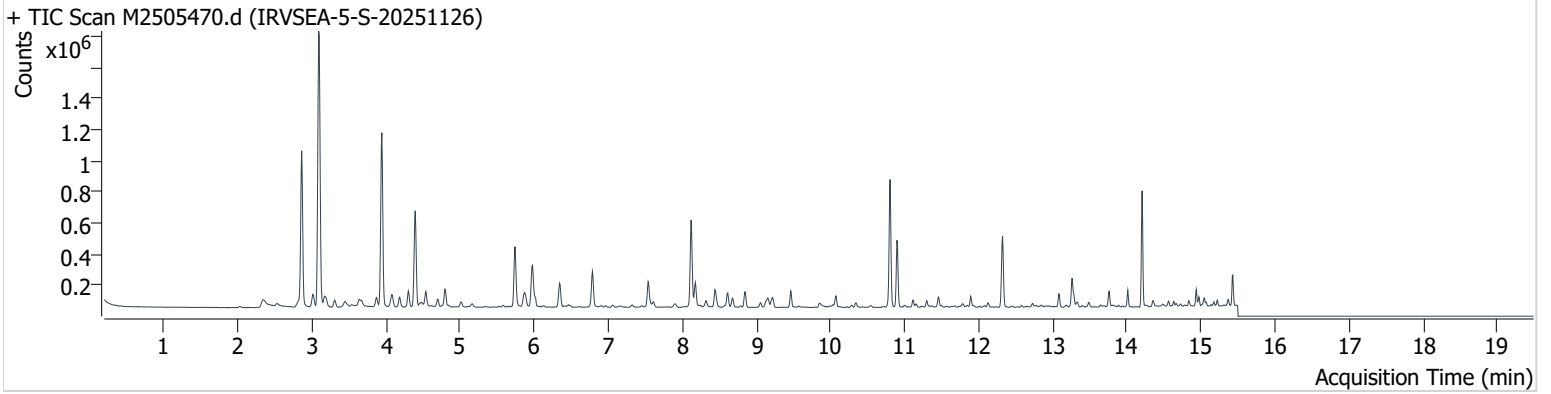
+ Scan (13.212-13.346 min, 18 scans) M2505469.d





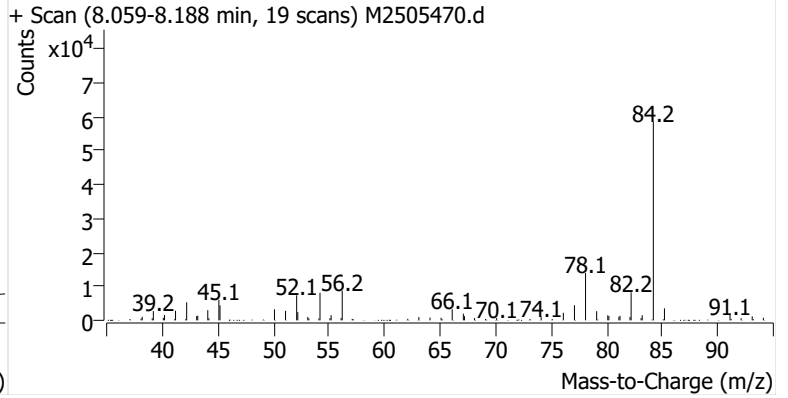
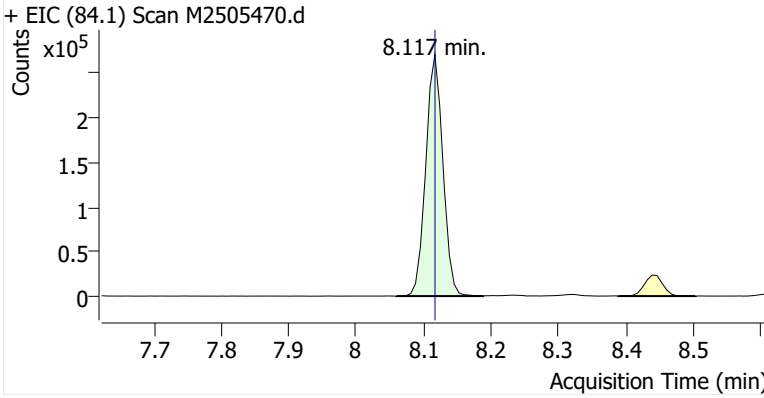
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Comment C71549
Data File M2505470.d
Acq. Date-Time 12/14/2025 3:51:15 AM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

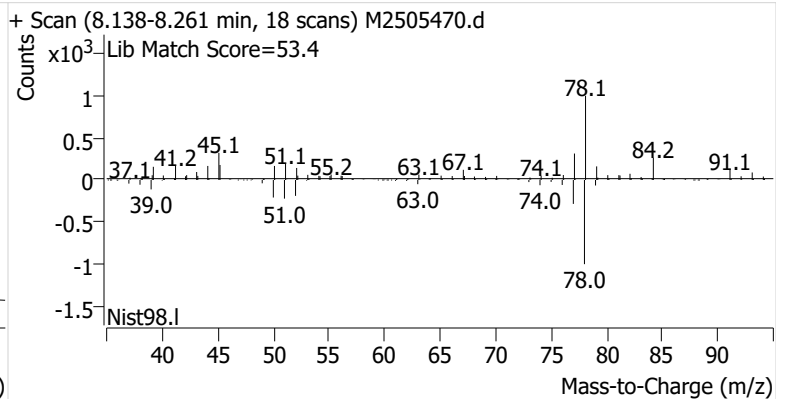
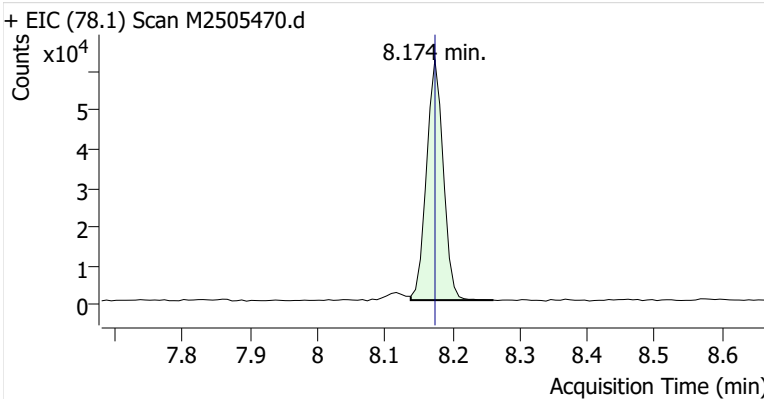


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.117	8.117	477,519	
Benzene	Benzene-d6 (IS)	8.174	8.174	106,335	
Toluene-d8 (IS)		10.803	10.803	507,289	
Toluene	Toluene-d8 (IS)	10.896	10.896	284,099	
Ethylbenzene	Toluene-d8 (IS)	13.081	13.081	54,826	
m-/p-Xylenes	Toluene-d8 (IS)	13.260	13.260	135,209	
o-Xylene	Toluene-d8 (IS)	13.761	13.754	53,225	

Benzene-d6 (IS)

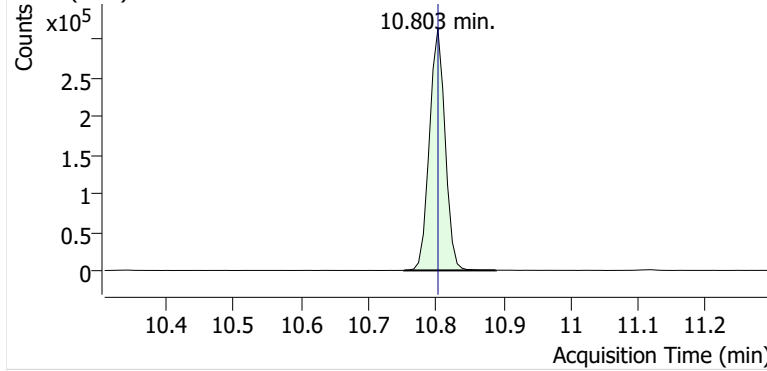


Benzene

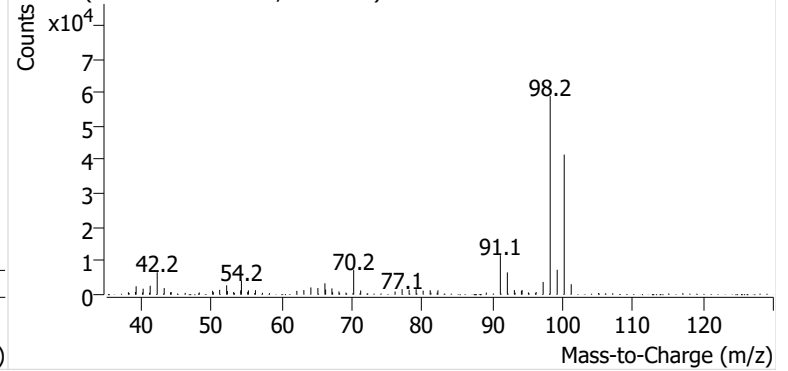


Toluene-d8 (IS)

+ EIC (98.1) Scan M2505470.d

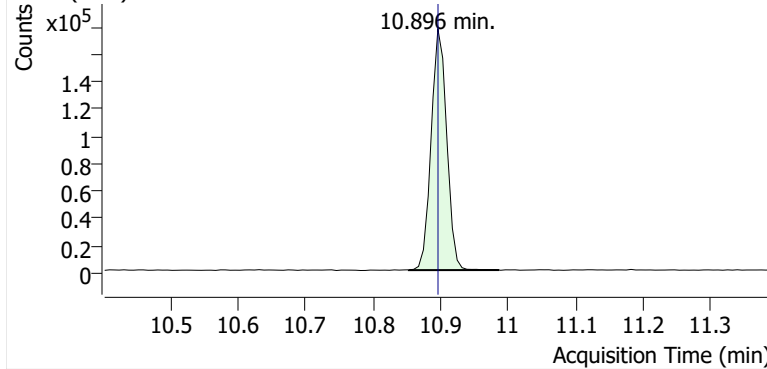


+ Scan (10.753-10.889 min, 20 scans) M2505470.d

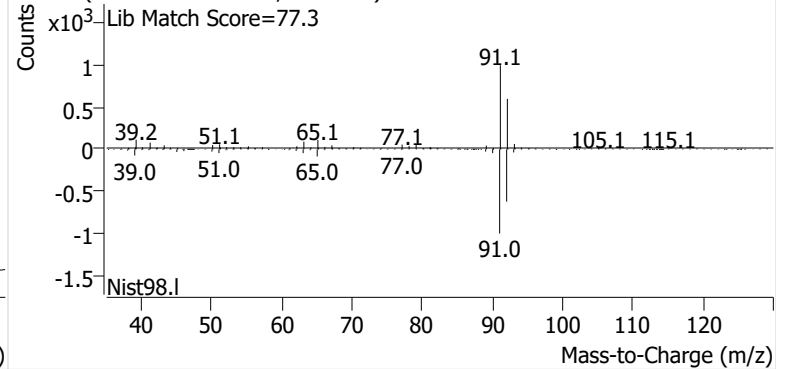


Toluene

+ EIC (91.1) Scan M2505470.d

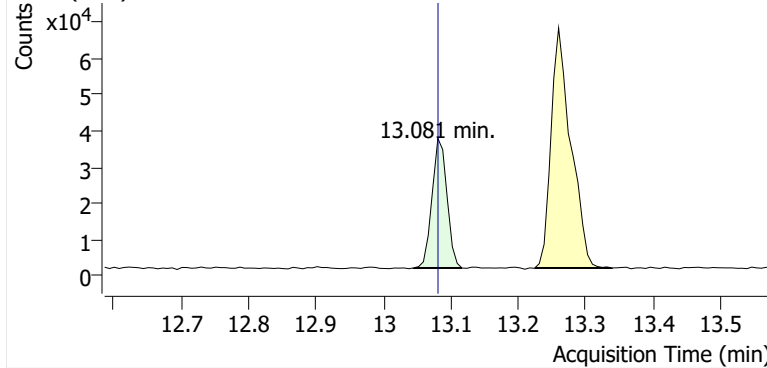


+ Scan (10.853-10.987 min, 19 scans) M2505470.d

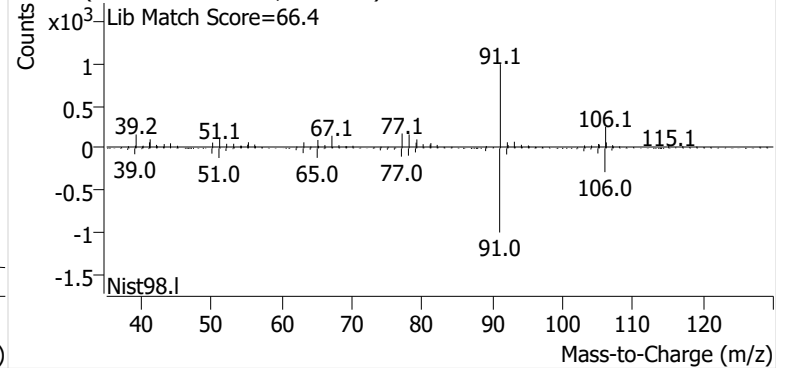


Ethylbenzene

+ EIC (91.1) Scan M2505470.d

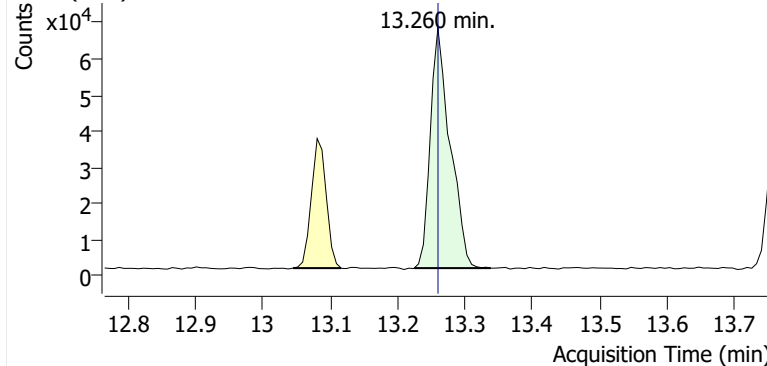


+ Scan (13.045-13.116 min, 10 scans) M2505470.d

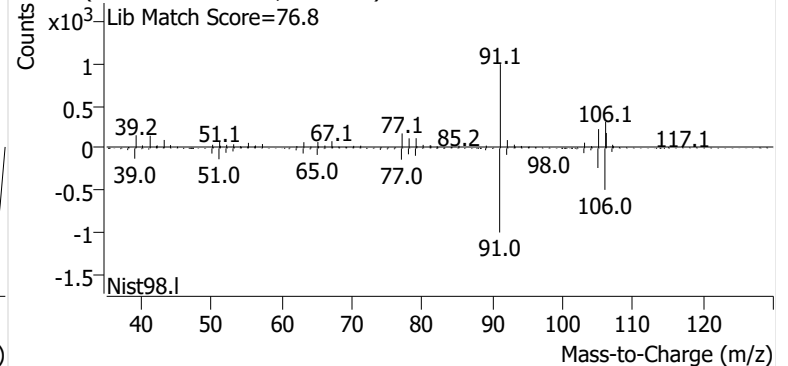


m-/p-Xylenes

+ EIC (91.1) Scan M2505470.d

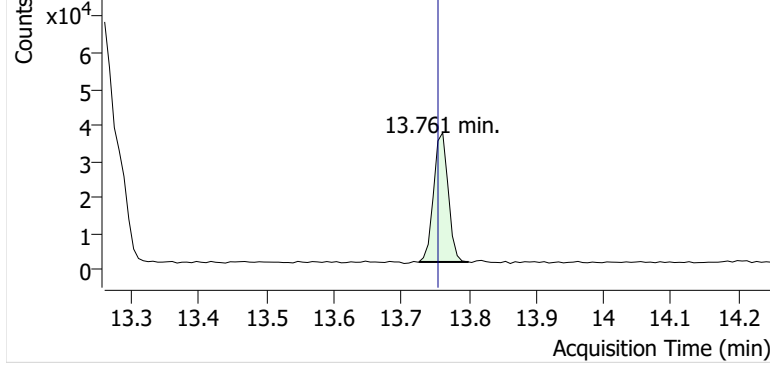


+ Scan (13.225-13.338 min, 15 scans) M2505470.d

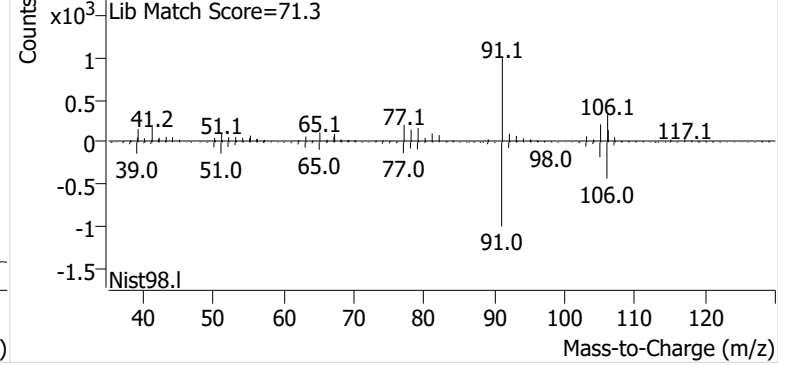


o-Xylene

+ EIC (91.1) Scan M2505470.d

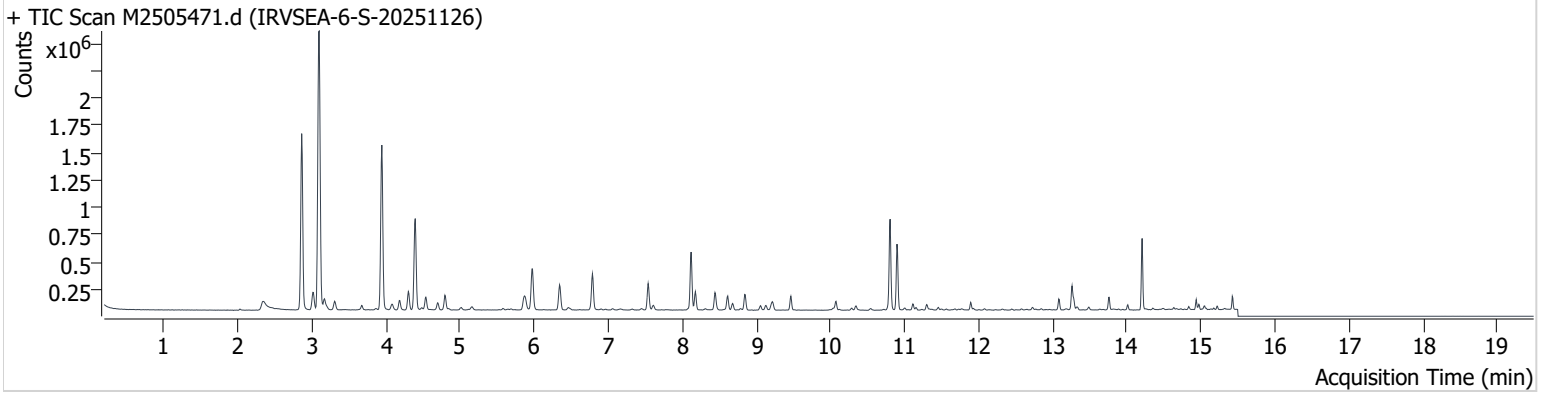


+ Scan (13.726-13.800 min, 10 scans) M2505470.d



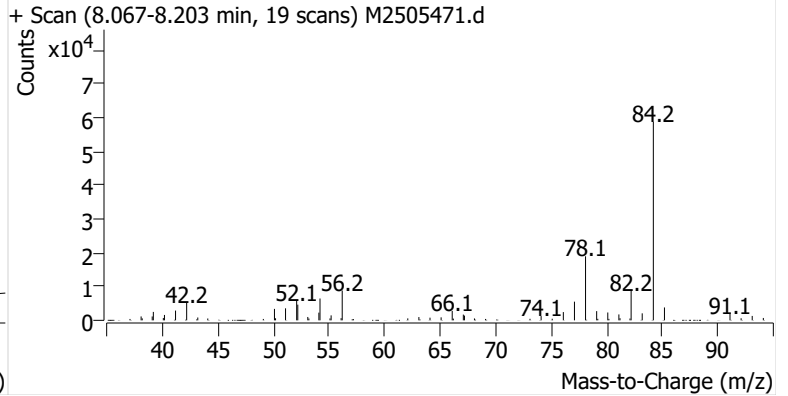
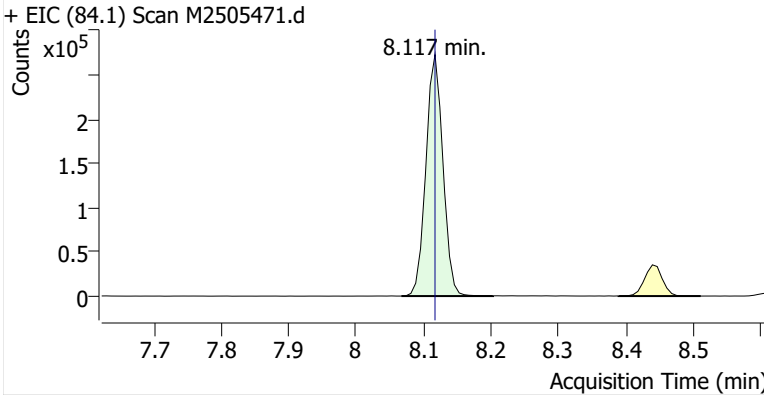
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Comment C56893
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Acq. Date-Time 12/14/2025 4:16:41 AM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

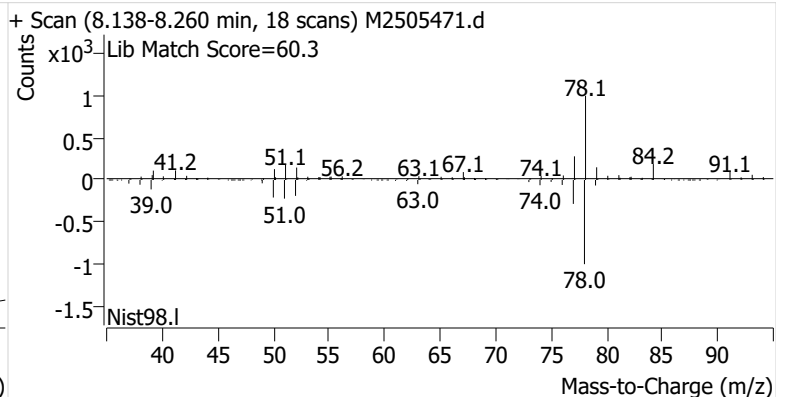
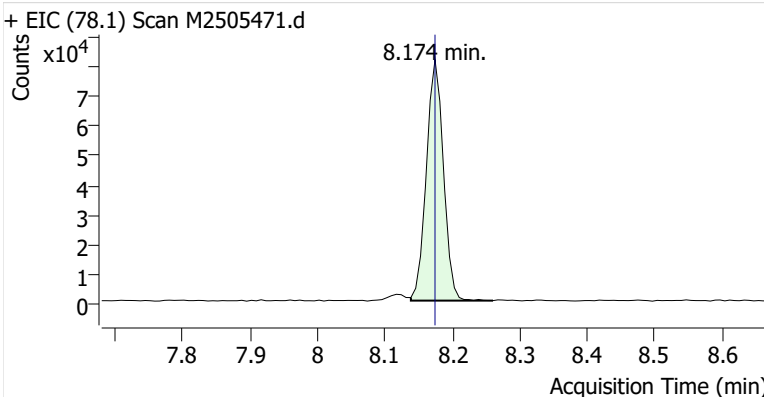


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.117	8.117	478,572	
Benzene	Benzene-d6 (IS)	8.174	8.174	142,387	
Toluene-d8 (IS)		10.803	10.803	513,174	
Toluene	Toluene-d8 (IS)	10.896	10.896	399,503	
Ethylbenzene	Toluene-d8 (IS)	13.081	13.081	66,422	
m-/p-Xylenes	Toluene-d8 (IS)	13.260	13.260	164,798	
o-Xylene	Toluene-d8 (IS)	13.754	13.754	65,371	

Benzene-d6 (IS)

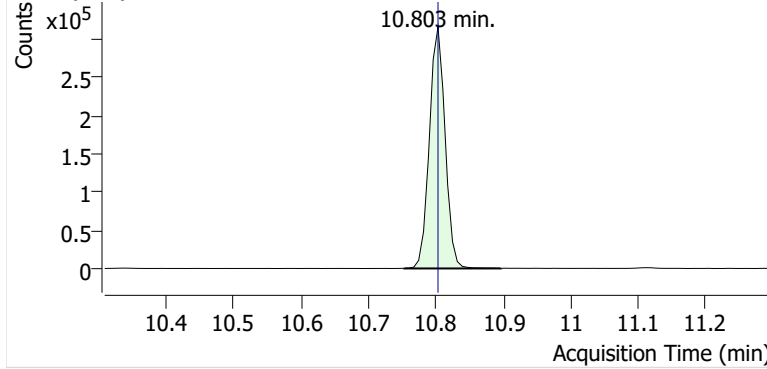


Benzene

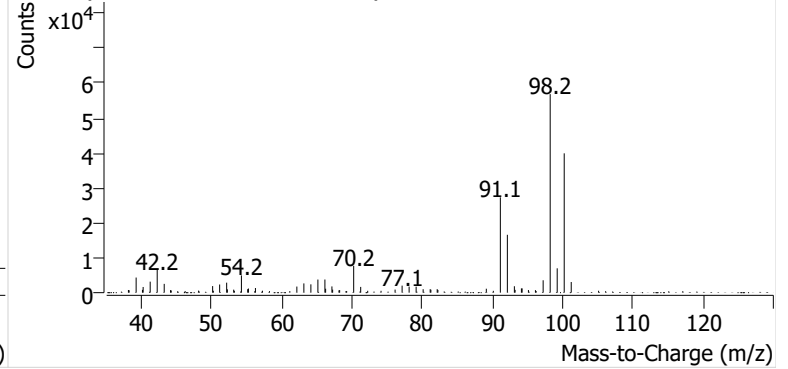


Toluene-d8 (IS)

+ EIC (98.1) Scan M2505471.d

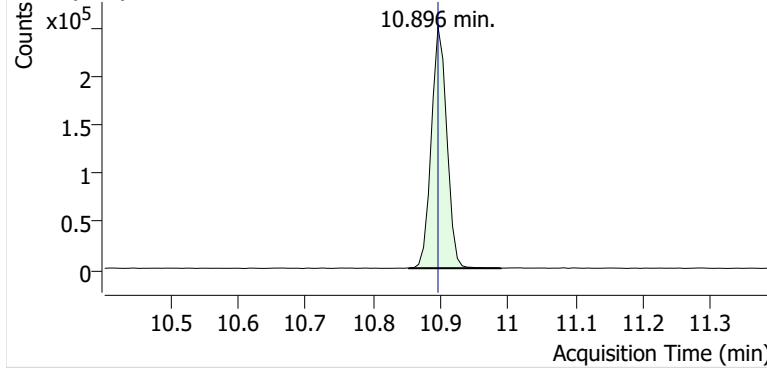


+ Scan (10.753-10.896 min, 21 scans) M2505471.d

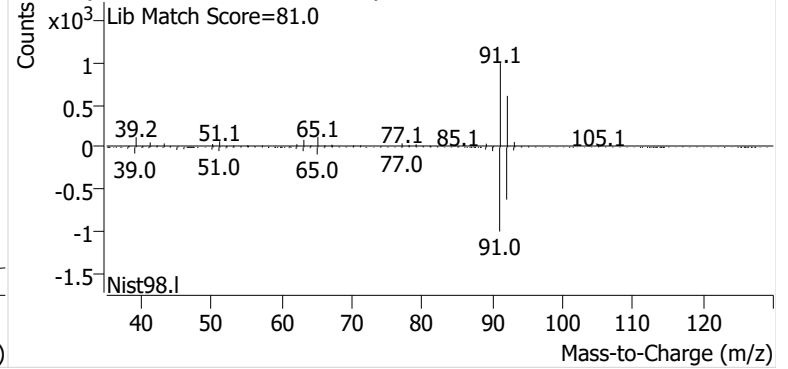


Toluene

+ EIC (91.1) Scan M2505471.d

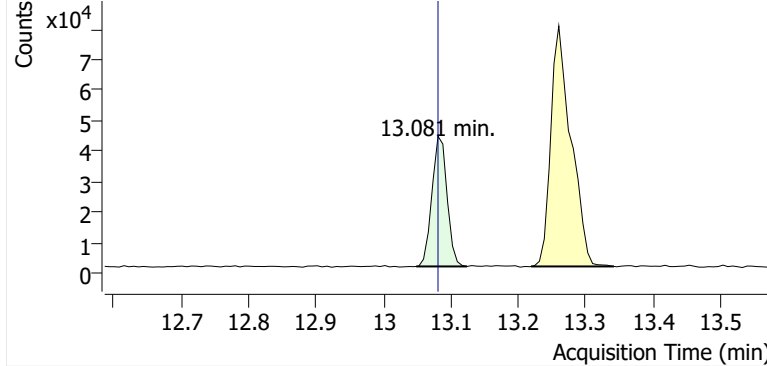


+ Scan (10.853-10.989 min, 20 scans) M2505471.d

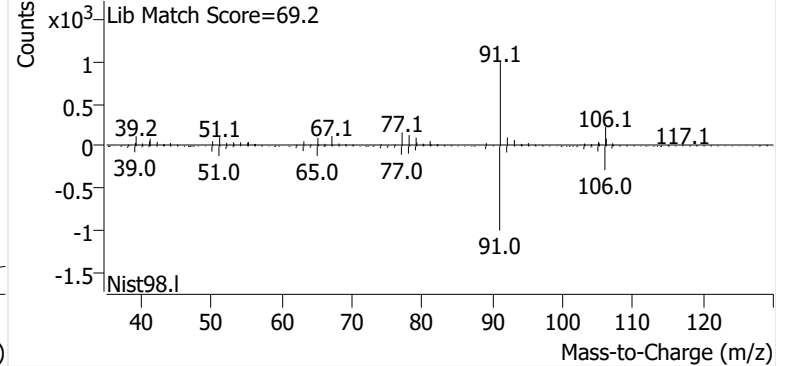


Ethylbenzene

+ EIC (91.1) Scan M2505471.d

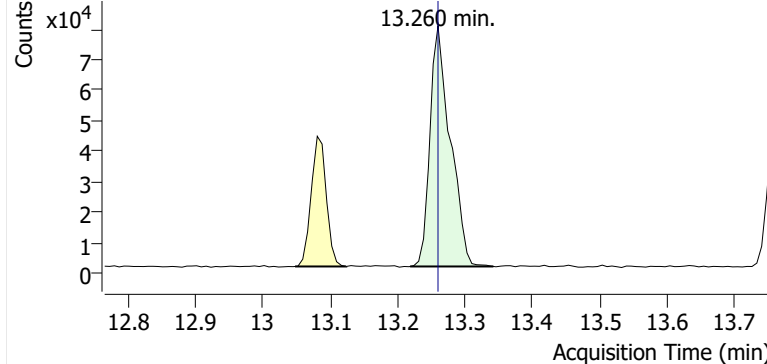


+ Scan (13.049-13.124 min, 10 scans) M2505471.d

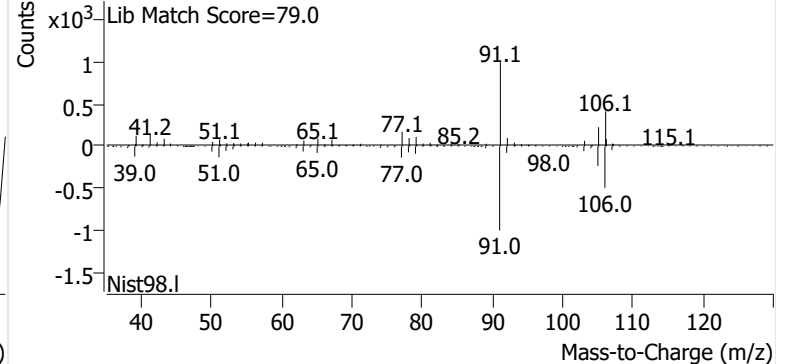


m-/p-Xylenes

+ EIC (91.1) Scan M2505471.d

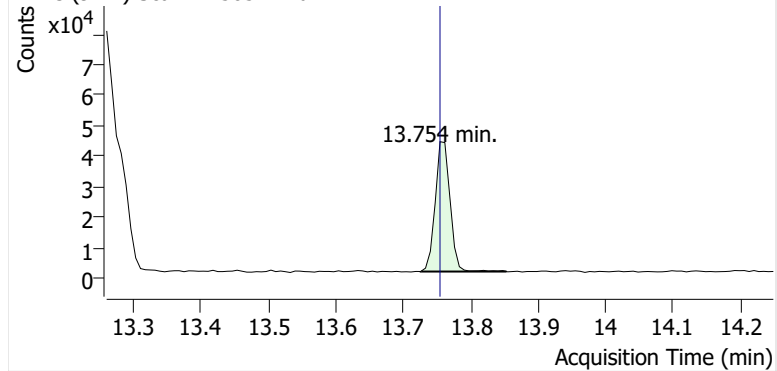


+ Scan (13.219-13.342 min, 17 scans) M2505471.d

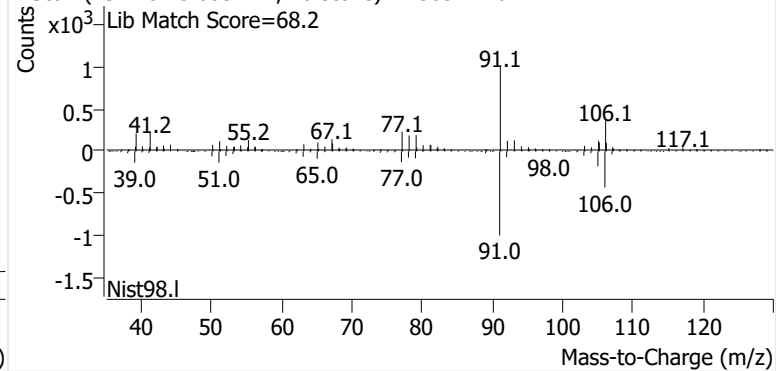


o-Xylene

+ EIC (91.1) Scan M2505471.d

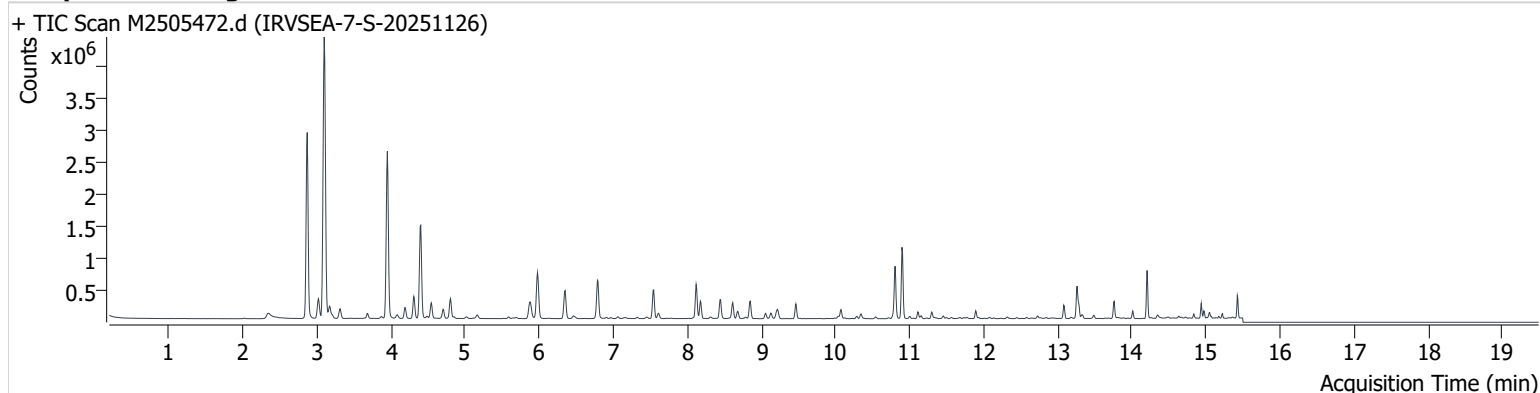


+ Scan (13.726-13.853 min, 18 scans) M2505471.d



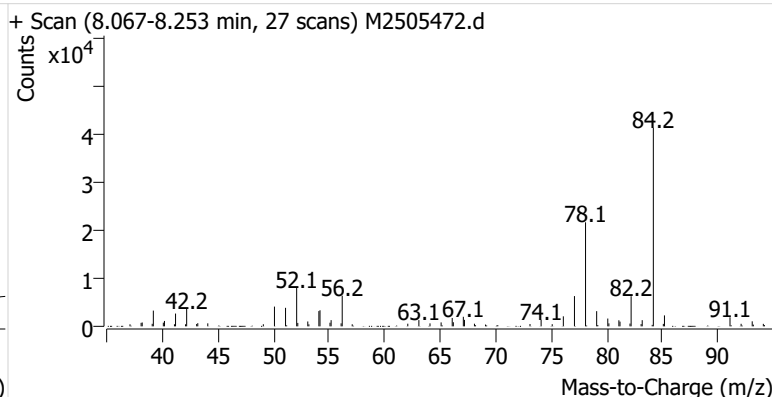
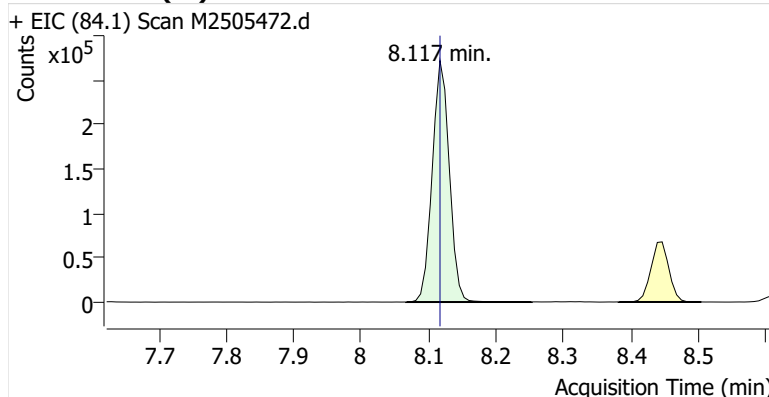
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Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

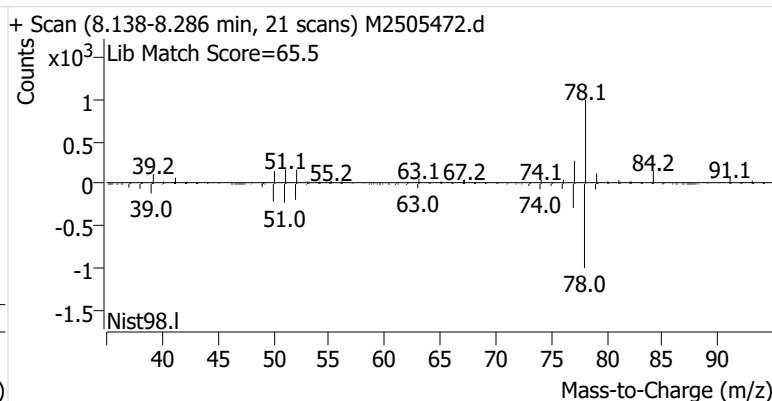
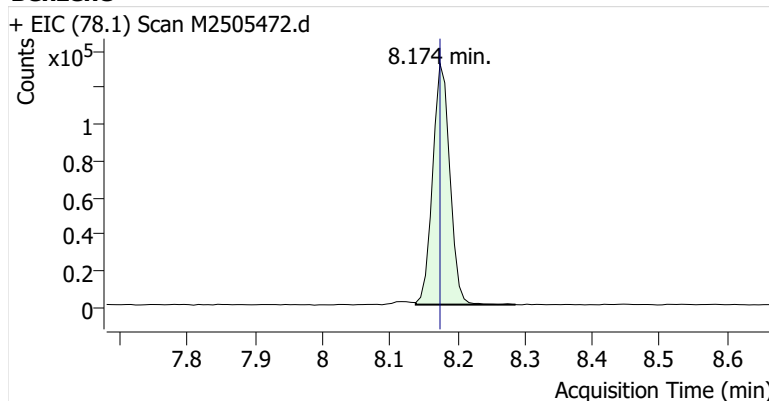


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.117	8.117	478,703	
Benzene	Benzene-d6 (IS)	8.174	8.174	233,707	
Toluene-d8 (IS)		10.803	10.803	503,351	
Toluene	Toluene-d8 (IS)	10.896	10.896	745,114	
Ethylbenzene	Toluene-d8 (IS)	13.081	13.081	136,497	
m-/p-Xylenes	Toluene-d8 (IS)	13.260	13.260	379,156	
o-Xylene	Toluene-d8 (IS)	13.761	13.754	148,523	

Benzene-d6 (IS)

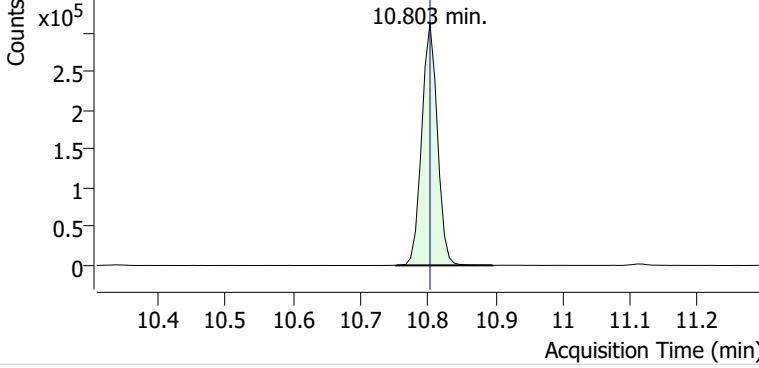


Benzene

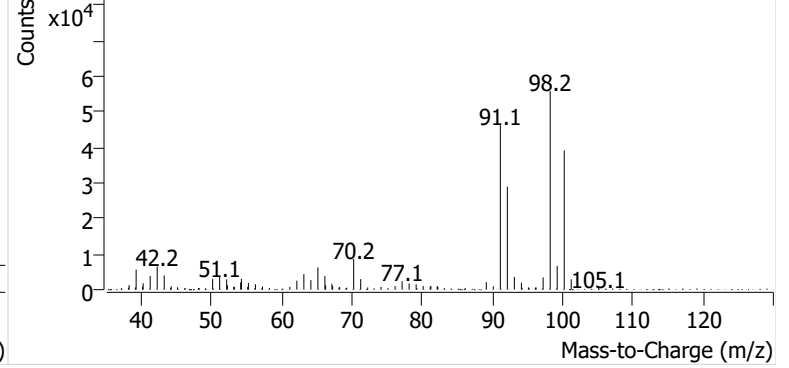


Toluene-d8 (IS)

+ EIC (98.1) Scan M2505472.d

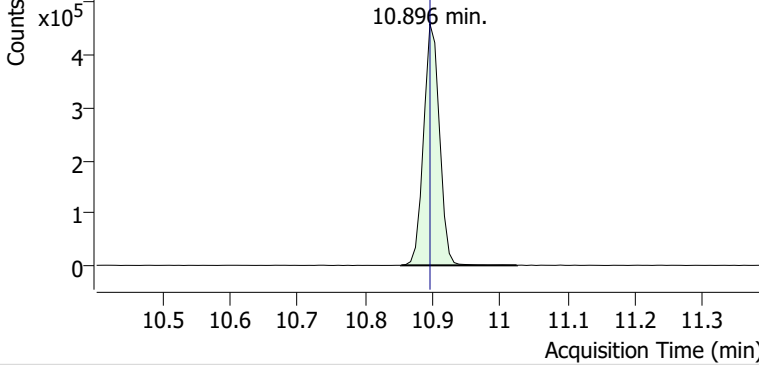


+ Scan (10.753-10.896 min, 21 scans) M2505472.d

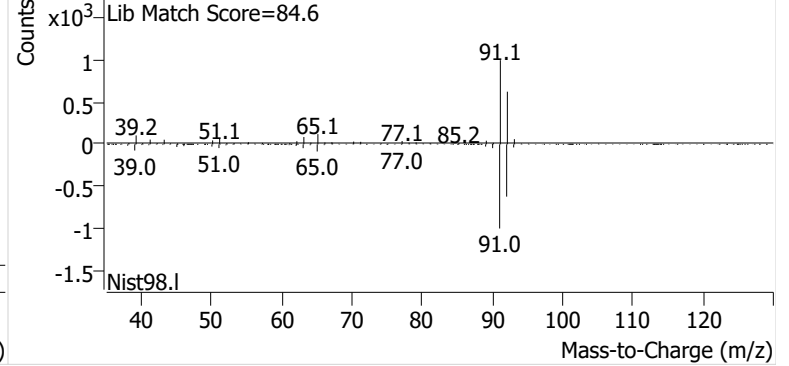


Toluene

+ EIC (91.1) Scan M2505472.d

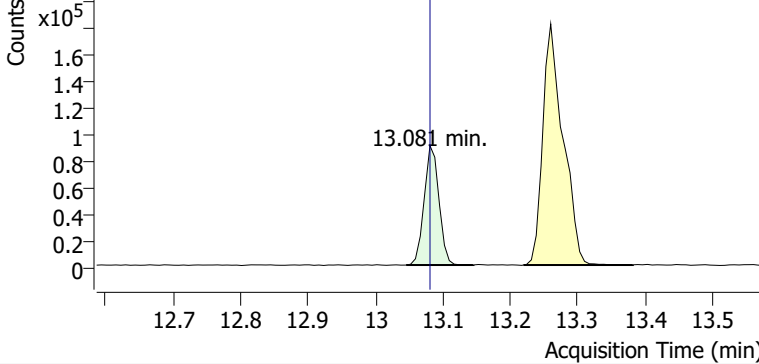


+ Scan (10.853-11.025 min, 25 scans) M2505472.d

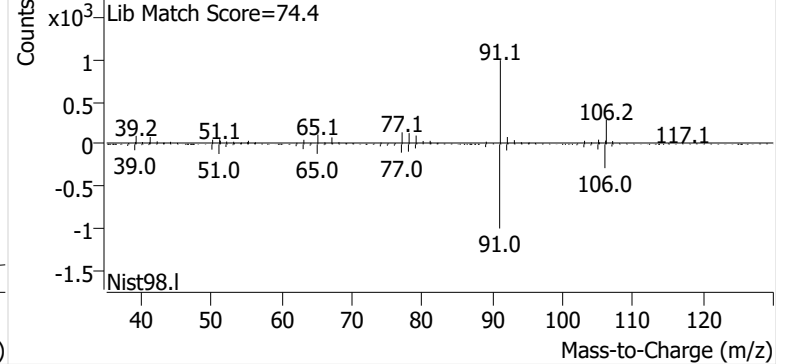


Ethylbenzene

+ EIC (91.1) Scan M2505472.d

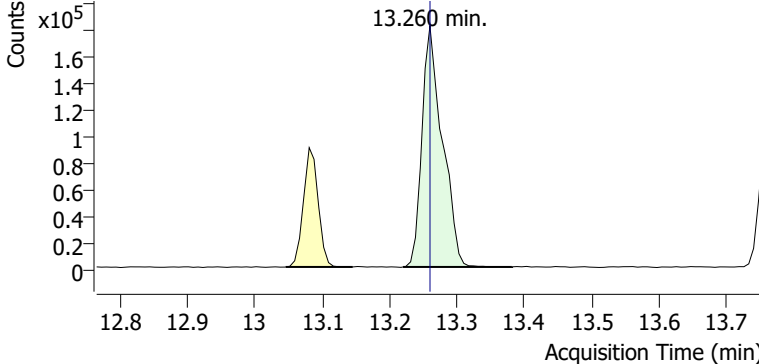


+ Scan (13.046-13.145 min, 14 scans) M2505472.d

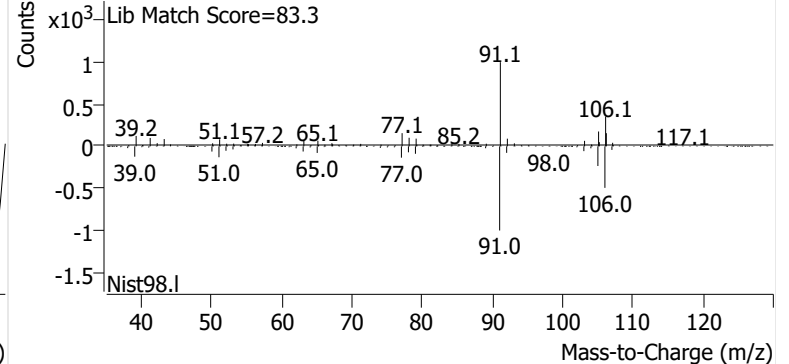


m-/p-Xylenes

+ EIC (91.1) Scan M2505472.d

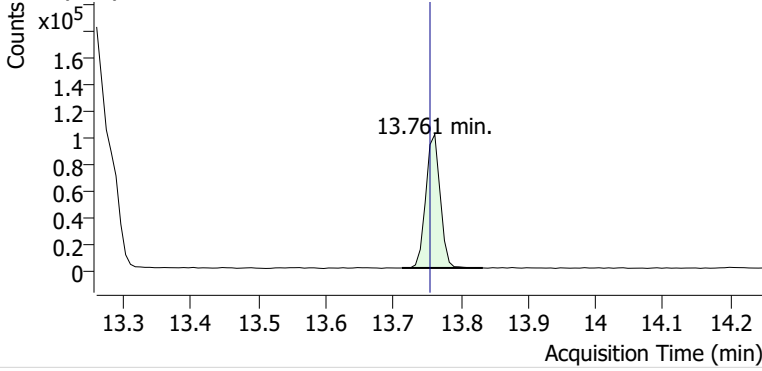


+ Scan (13.220-13.382 min, 23 scans) M2505472.d

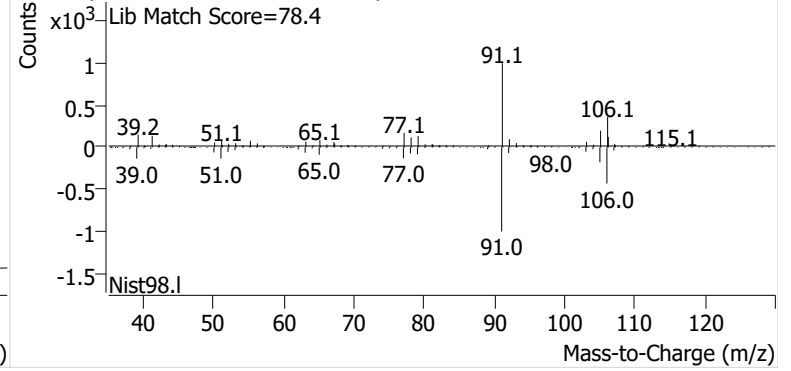


o-Xylene

+ EIC (91.1) Scan M2505472.d

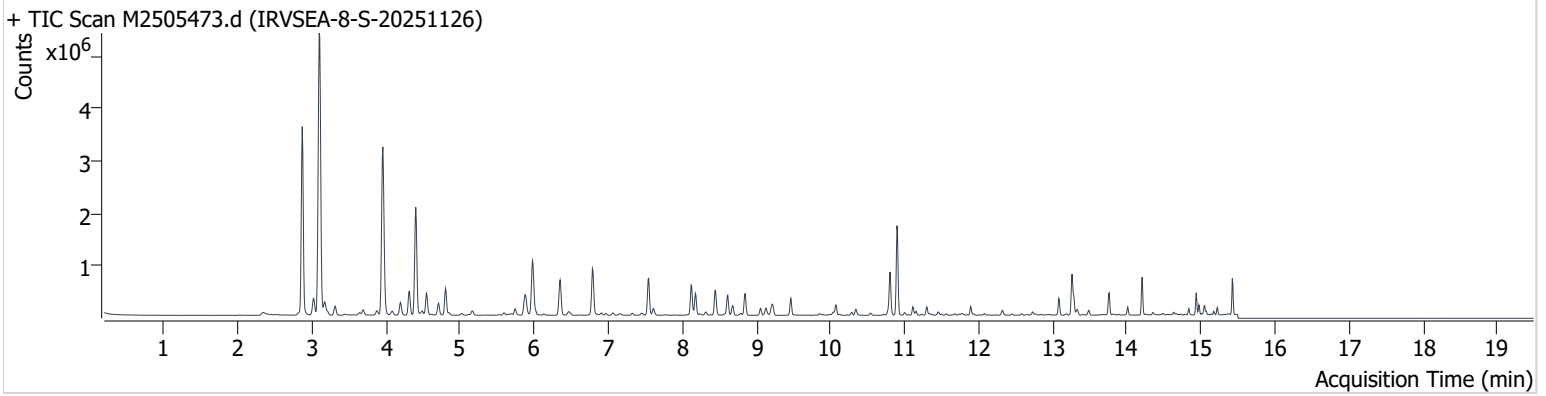


+ Scan (13.713-13.833 min, 16 scans) M2505472.d



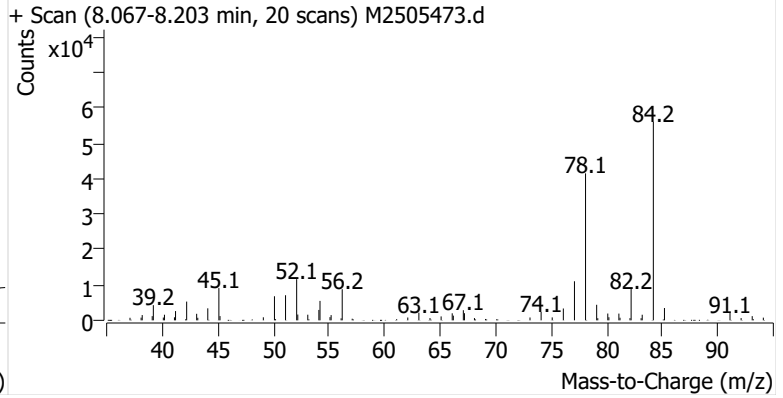
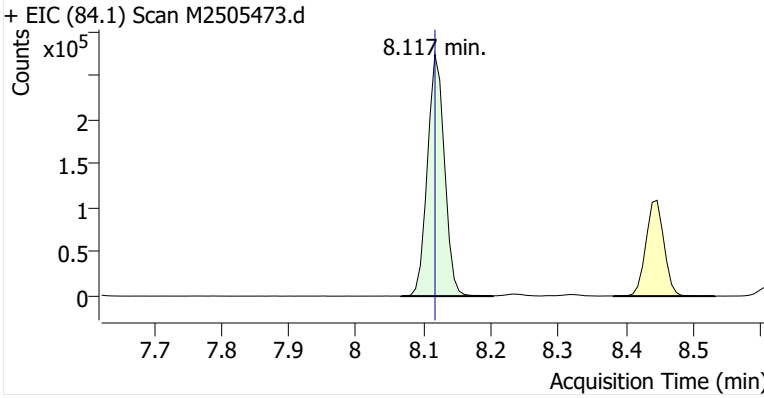
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Acq. Method File M325B-MTD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

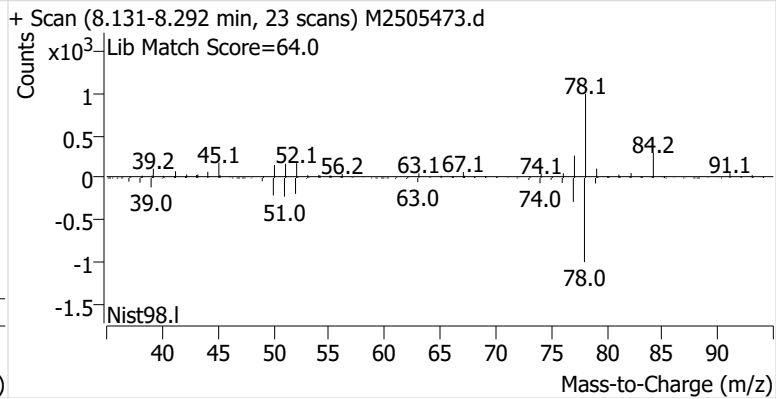
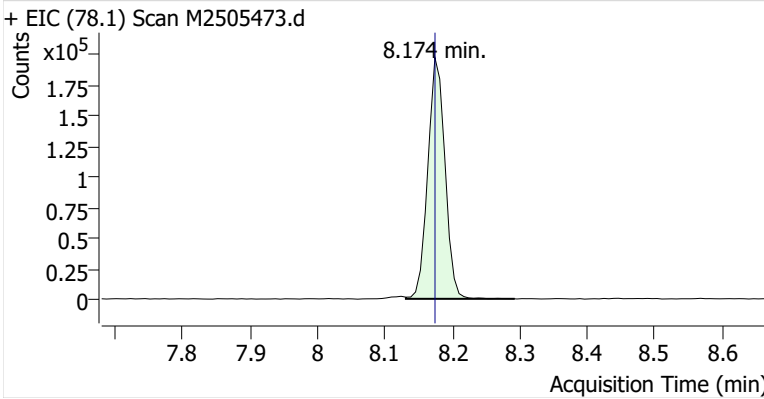


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.117	8.117	480,381	
Benzene	Benzene-d6 (IS)	8.174	8.174	347,000	
Toluene-d8 (IS)		10.803	10.803	510,416	
Toluene	Toluene-d8 (IS)	10.896	10.896	1,160,770	
Ethylbenzene	Toluene-d8 (IS)	13.081	13.081	210,386	
m-/p-Xylenes	Toluene-d8 (IS)	13.260	13.260	597,381	
o-Xylene	Toluene-d8 (IS)	13.761	13.754	241,084	

Benzene-d6 (IS)

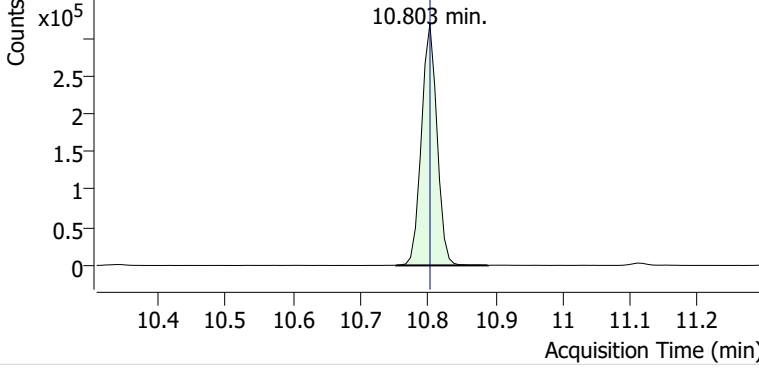


Benzene

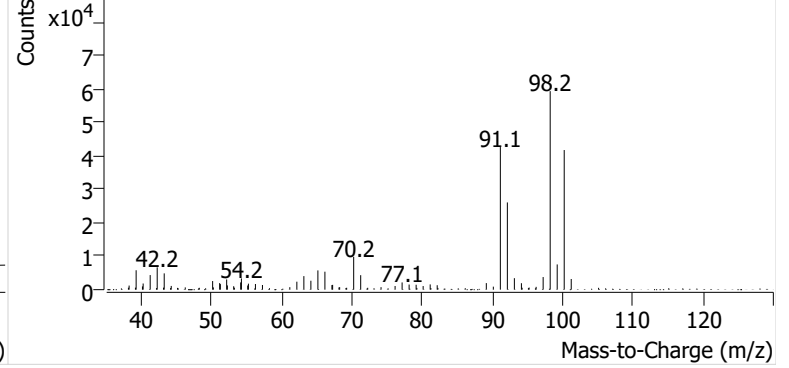


Toluene-d8 (IS)

+ EIC (98.1) Scan M2505473.d

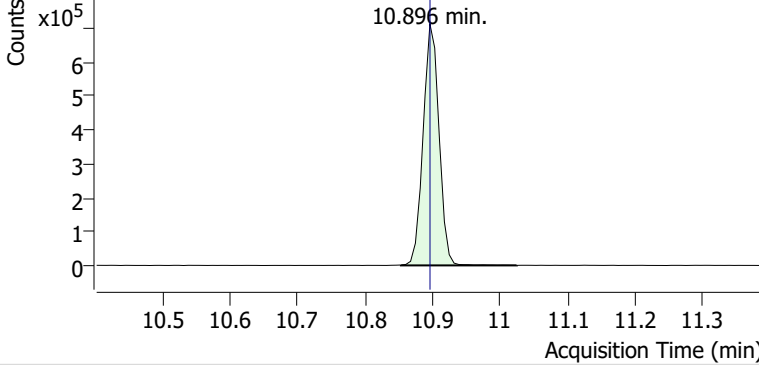


+ Scan (10.753-10.889 min, 20 scans) M2505473.d

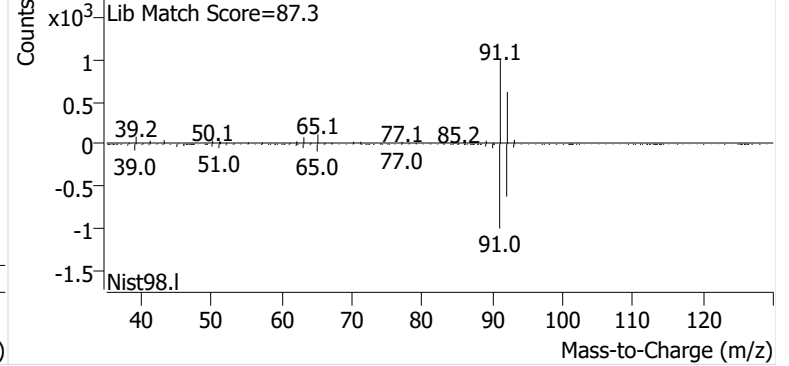


Toluene

+ EIC (91.1) Scan M2505473.d

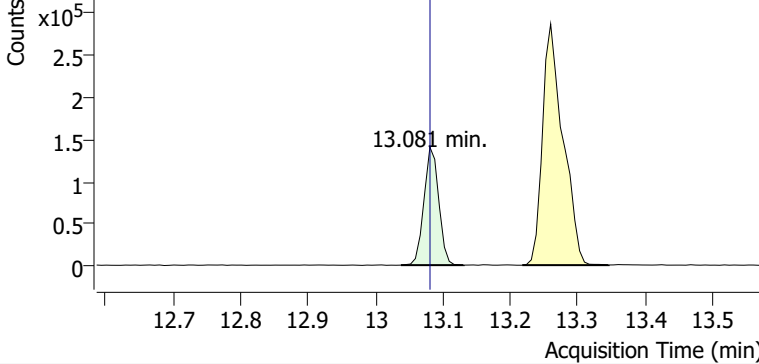


+ Scan (10.853-11.025 min, 25 scans) M2505473.d

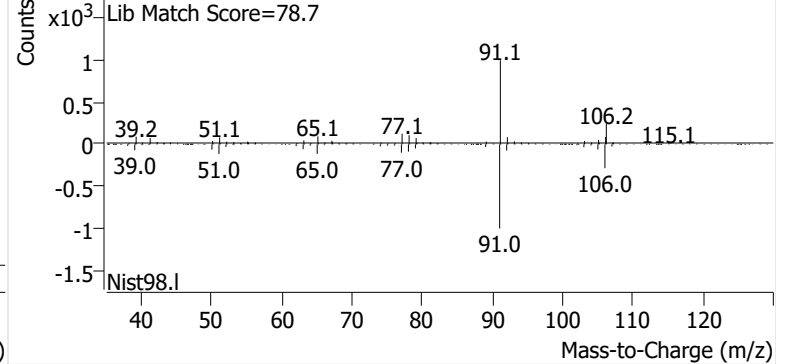


Ethylbenzene

+ EIC (91.1) Scan M2505473.d

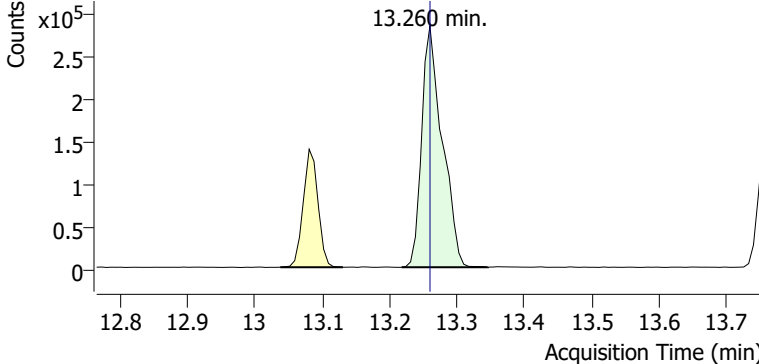


+ Scan (13.038-13.131 min, 14 scans) M2505473.d

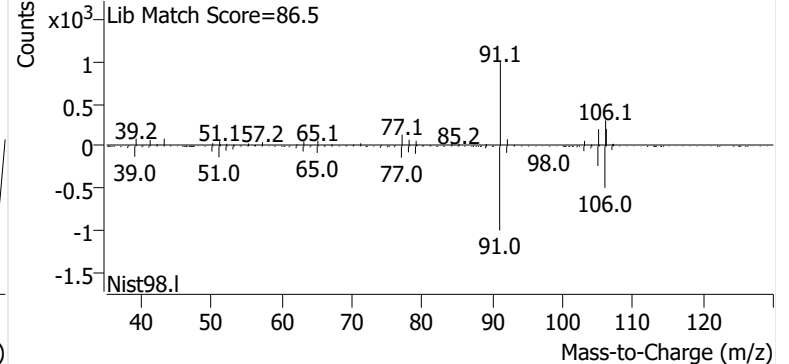


m-/p-Xylenes

+ EIC (91.1) Scan M2505473.d

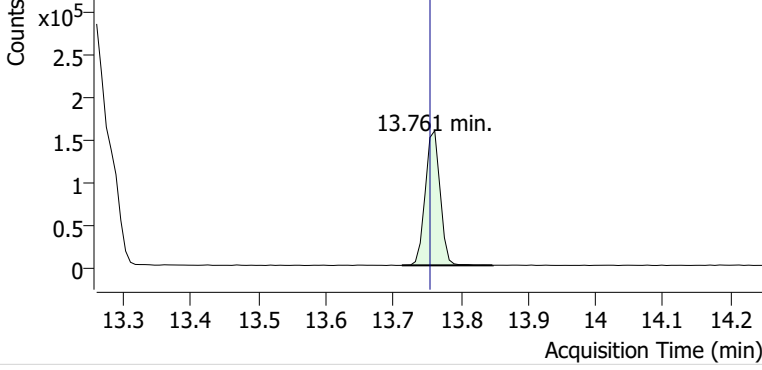


+ Scan (13.218-13.346 min, 18 scans) M2505473.d

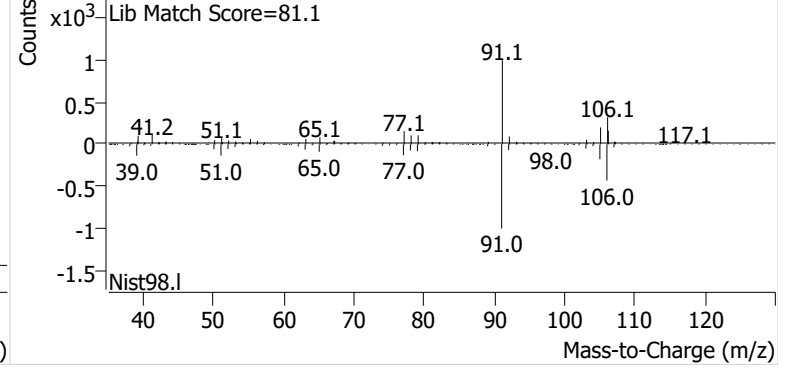


o-Xylene

+ EIC (91.1) Scan M2505473.d

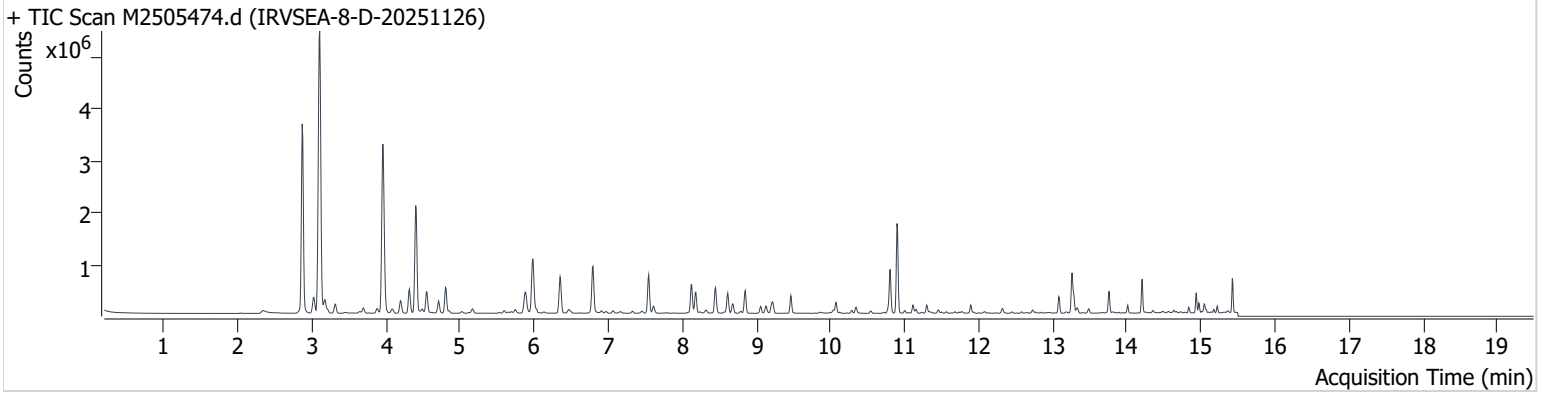


+ Scan (13.712-13.847 min, 19 scans) M2505473.d



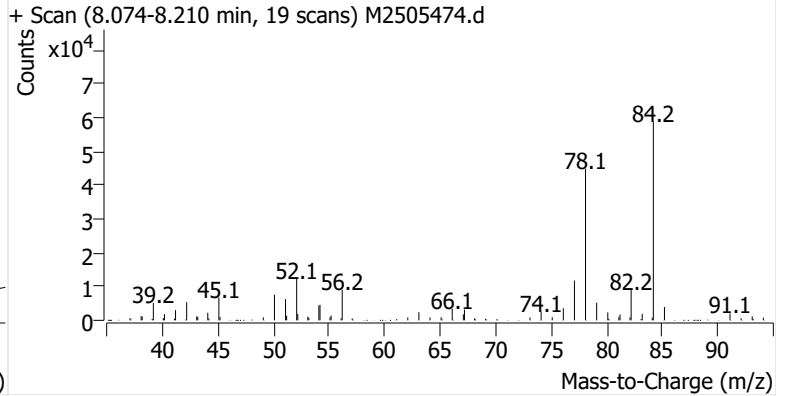
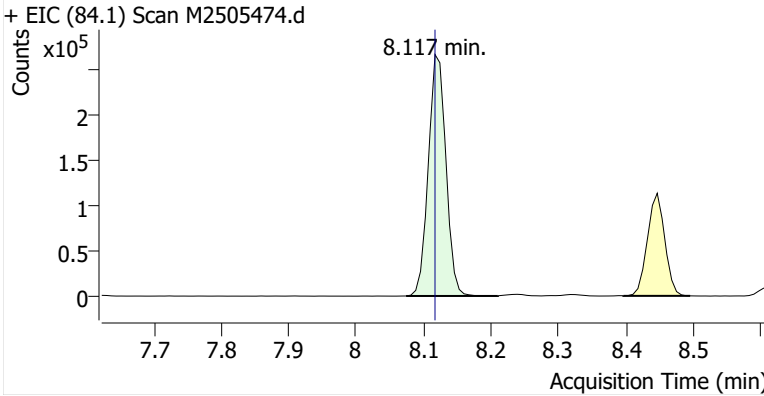
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Comment C73580
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Acq. Date-Time 12/14/2025 5:33:05 AM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

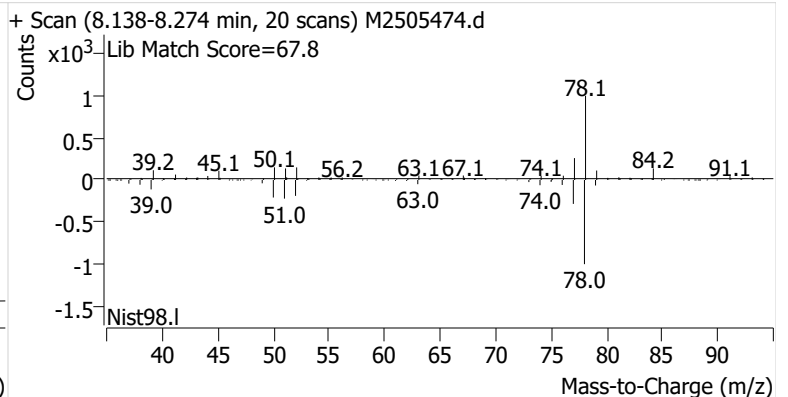
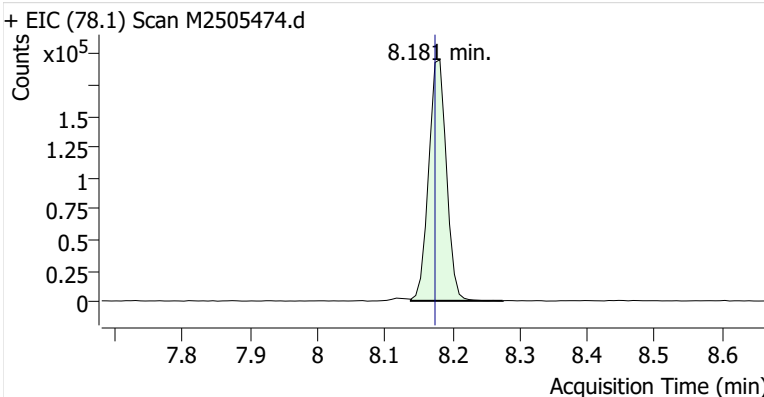


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.117	8.117	482,746	
Benzene	Benzene-d6 (IS)	8.181	8.174	354,257	
Toluene-d8 (IS)		10.803	10.803	519,020	
Toluene	Toluene-d8 (IS)	10.896	10.896	1,194,393	
Ethylbenzene	Toluene-d8 (IS)	13.081	13.081	214,427	
m-/p-Xylenes	Toluene-d8 (IS)	13.260	13.260	597,302	
o-Xylene	Toluene-d8 (IS)	13.761	13.754	233,866	

Benzene-d6 (IS)

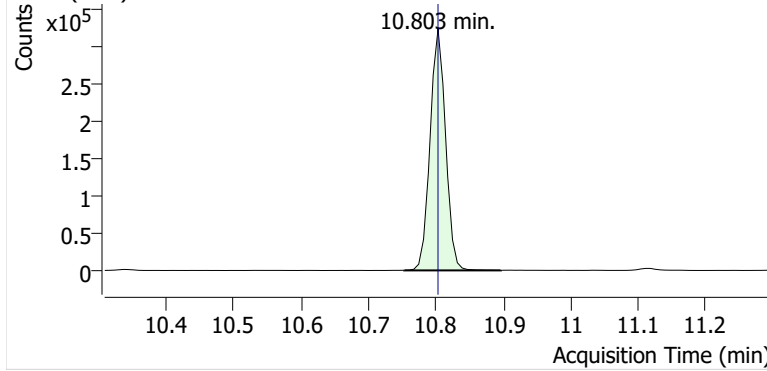


Benzene

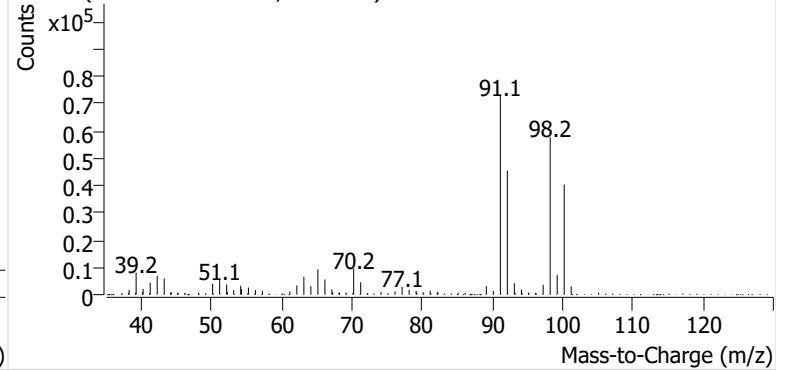


Toluene-d8 (IS)

+ EIC (98.1) Scan M2505474.d

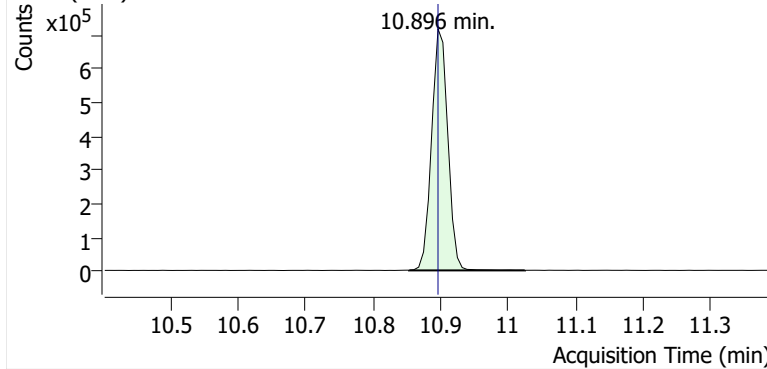


+ Scan (10.753-10.896 min, 21 scans) M2505474.d

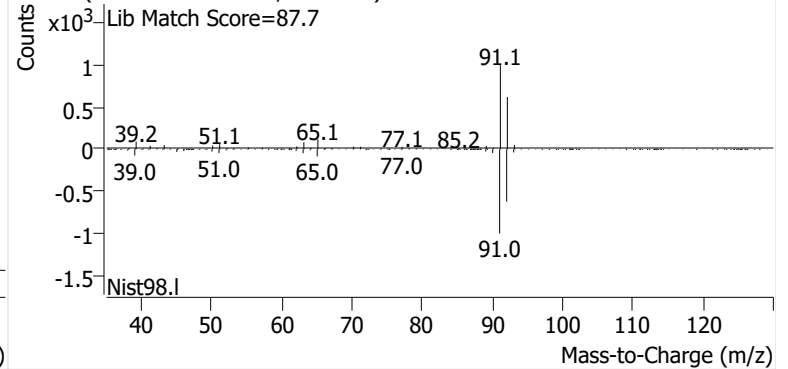


Toluene

+ EIC (91.1) Scan M2505474.d

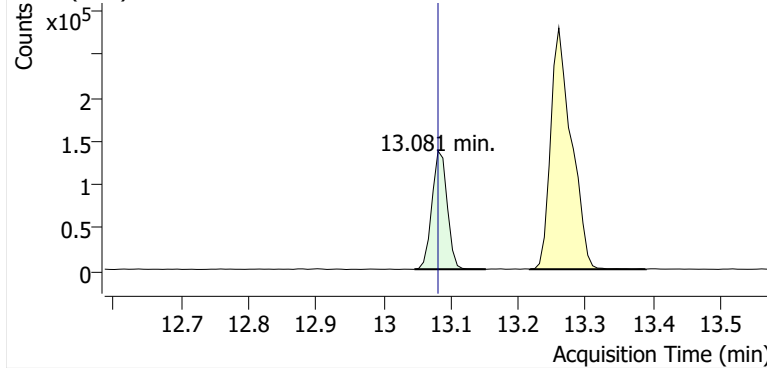


+ Scan (10.853-11.025 min, 25 scans) M2505474.d

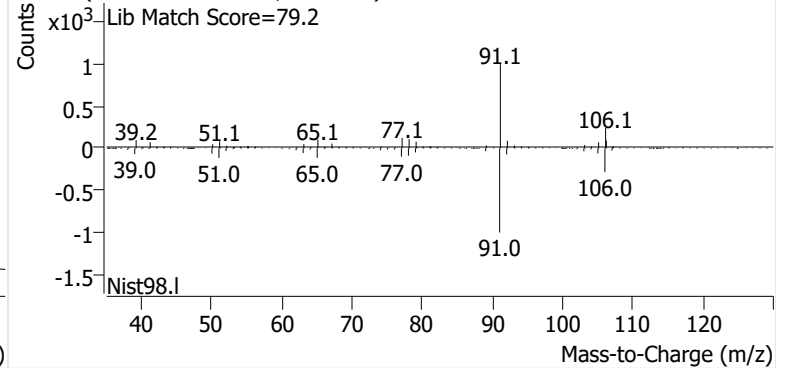


Ethylbenzene

+ EIC (91.1) Scan M2505474.d

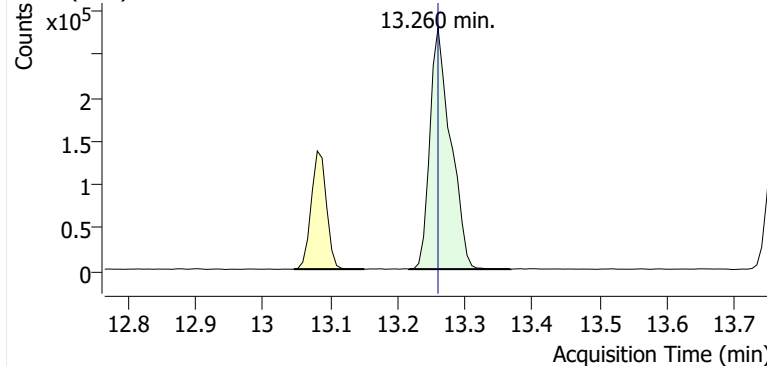


+ Scan (13.046-13.152 min, 14 scans) M2505474.d

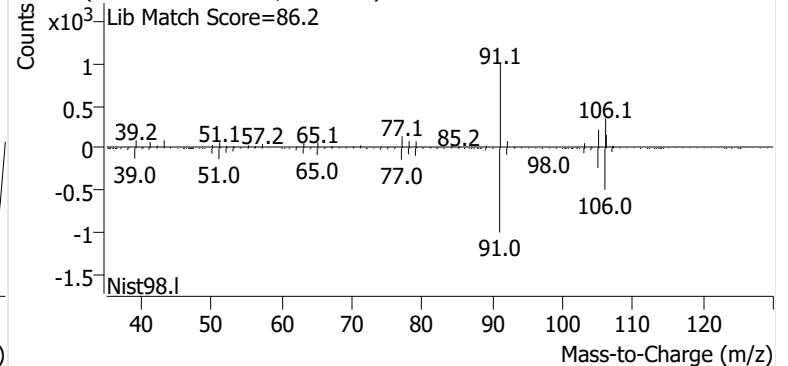


m-/p-Xylenes

+ EIC (91.1) Scan M2505474.d

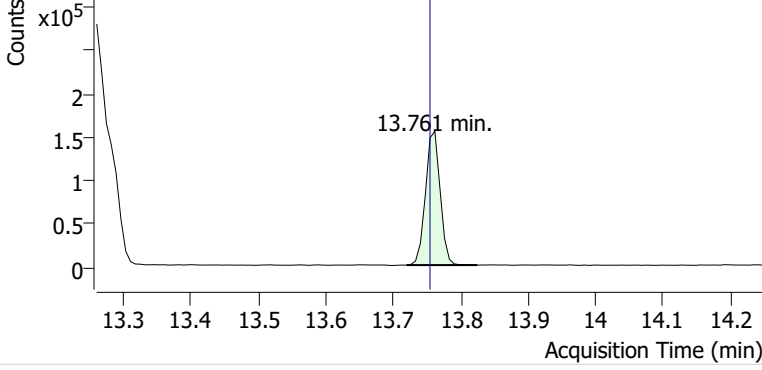


+ Scan (13.217-13.367 min, 22 scans) M2505474.d

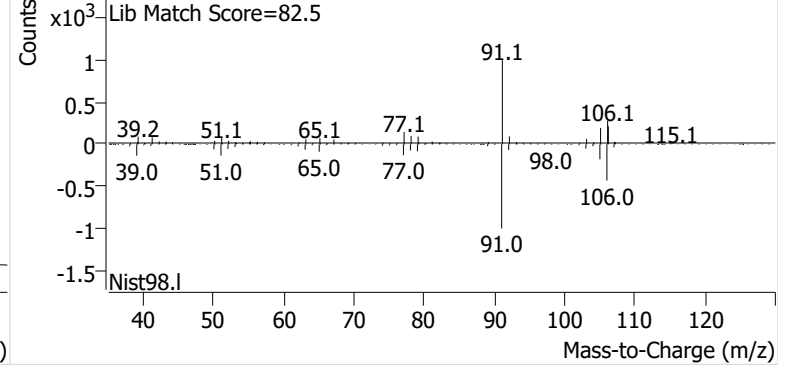


o-Xylene

+ EIC (91.1) Scan M2505474.d

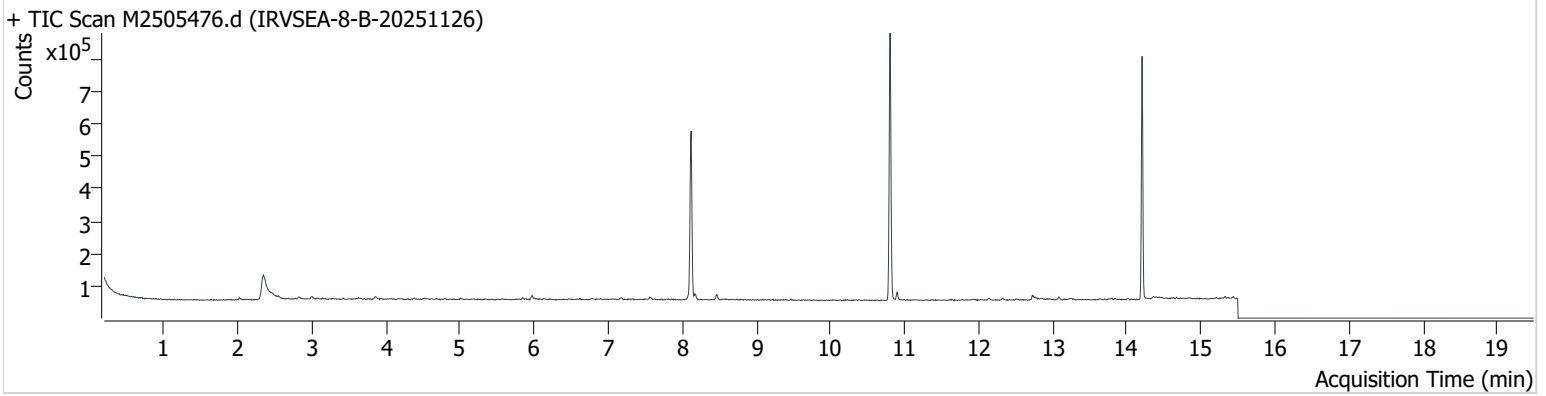


+ Scan (13.719-13.824 min, 14 scans) M2505474.d



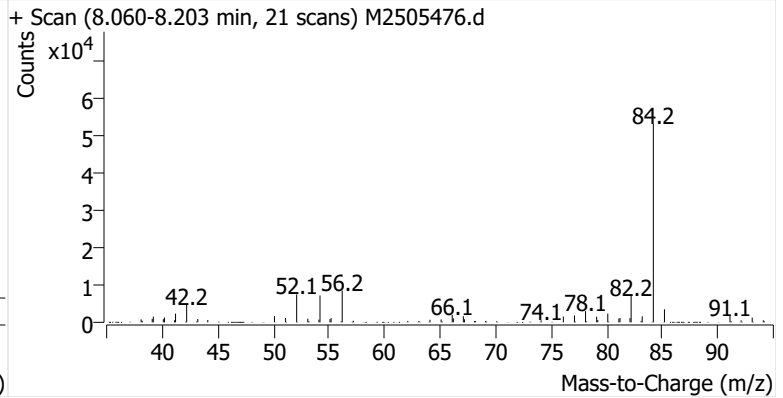
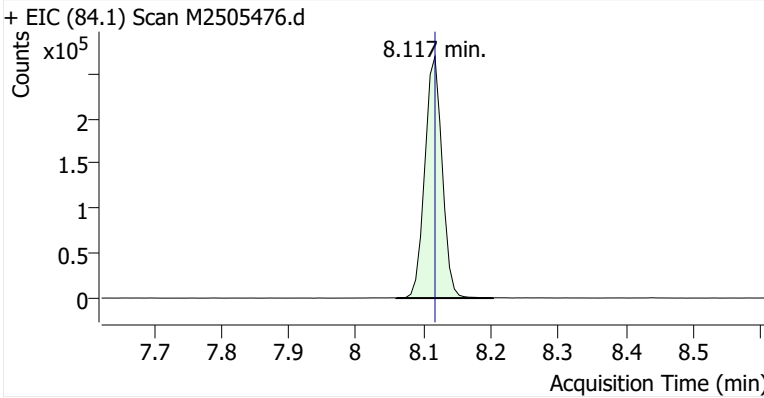
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Comment C38869
Data File M2505476.d
Acq. Date-Time 12/14/2025 6:23:56 AM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

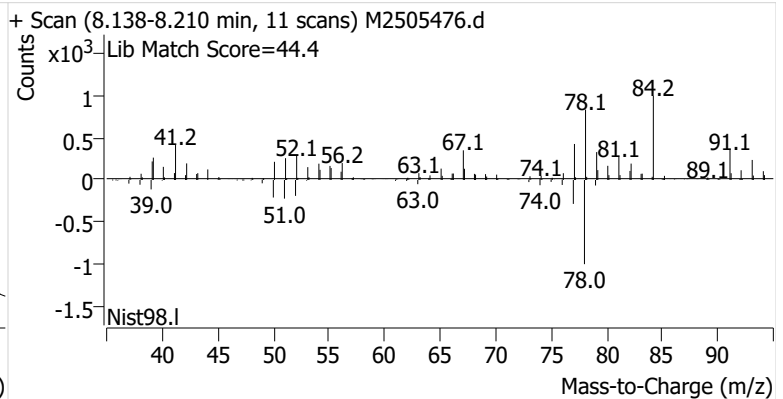
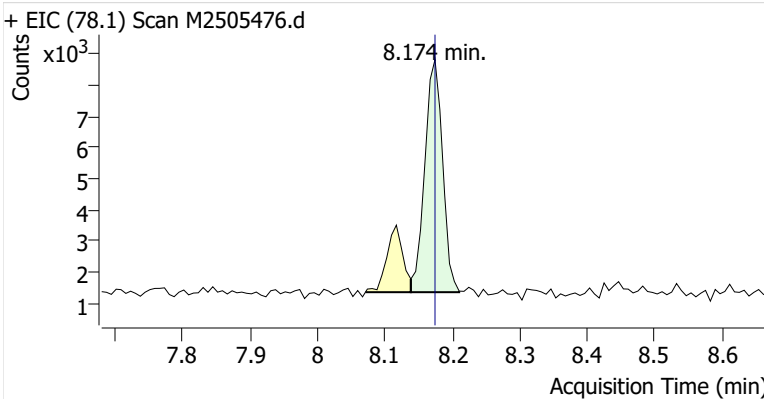


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.117	8.117	480,734	
Benzene	Benzene-d6 (IS)	8.174	8.174	13,689	
Toluene-d8 (IS)		10.803	10.803	507,686	
Toluene	Toluene-d8 (IS)	10.896	10.896	14,672	
Ethylbenzene	Toluene-d8 (IS)	13.081	13.081	5,491	
m-/p-Xylenes	Toluene-d8 (IS)	13.260	13.260	1,521	
o-Xylene	Toluene-d8 (IS)	13.769	13.754	1,206	

Benzene-d6 (IS)

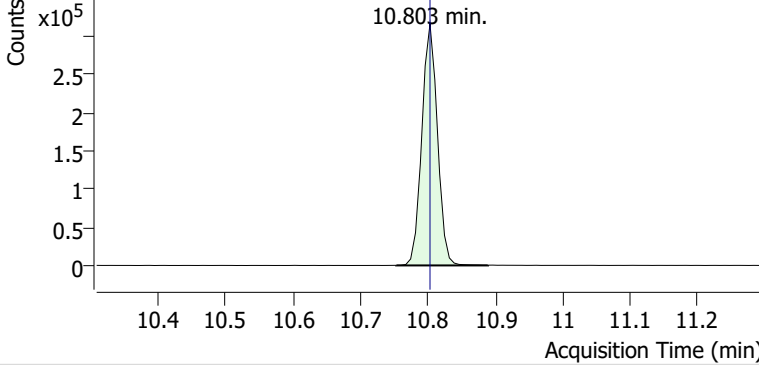


Benzene

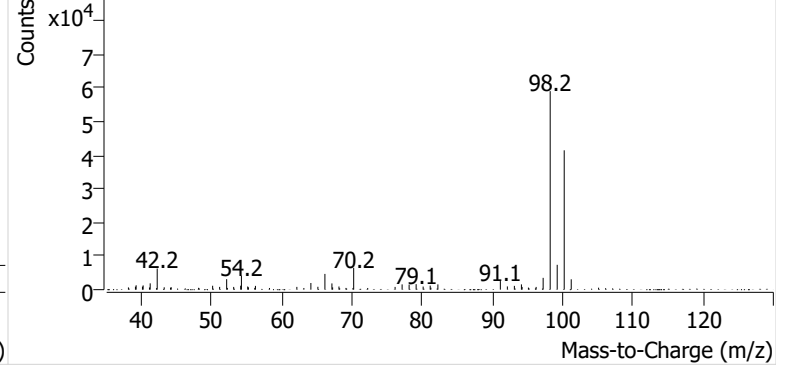


Toluene-d8 (IS)

+ EIC (98.1) Scan M2505476.d

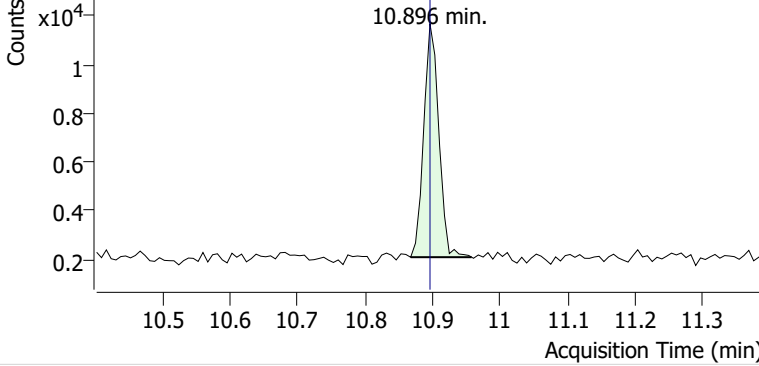


+ Scan (10.753-10.889 min, 20 scans) M2505476.d

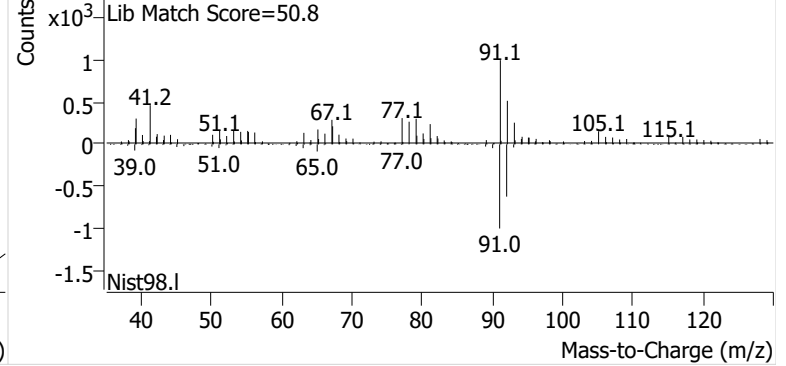


Toluene

+ EIC (91.1) Scan M2505476.d

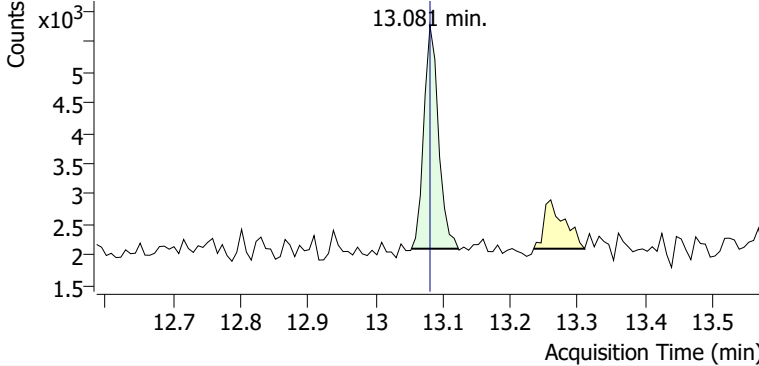


+ Scan (10.867-10.958 min, 12 scans) M2505476.d

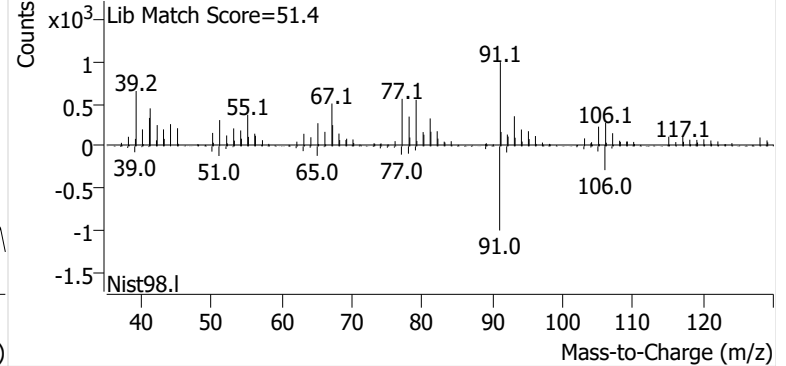


Ethylbenzene

+ EIC (91.1) Scan M2505476.d

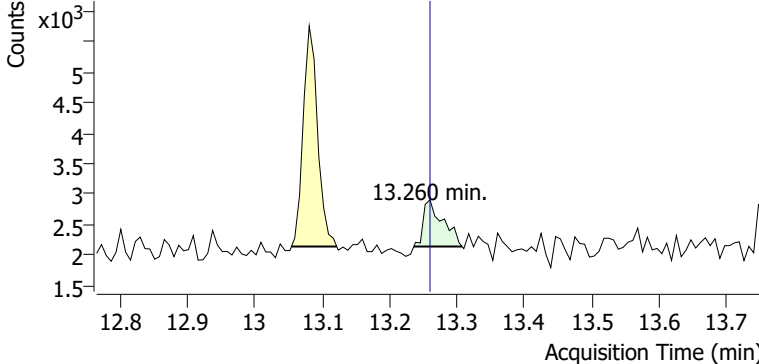


+ Scan (13.053-13.123 min, 9 scans) M2505476.d

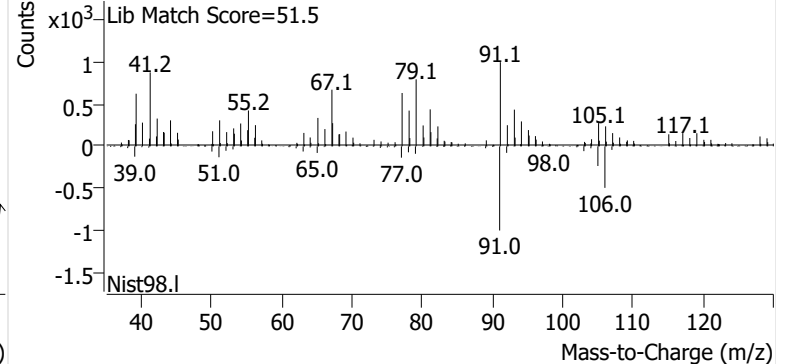


m-/p-Xylenes

+ EIC (91.1) Scan M2505476.d

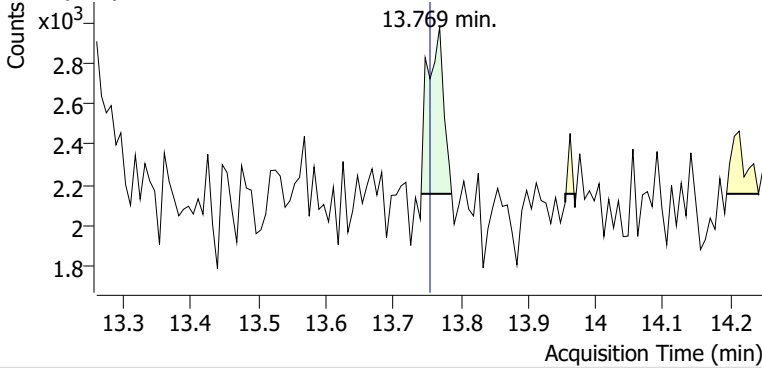


+ Scan (13.236-13.308 min, 10 scans) M2505476.d

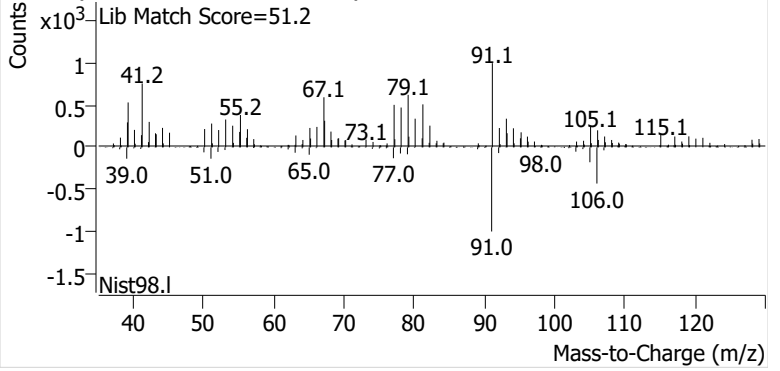


o-Xylene

+ EIC (91.1) Scan M2505476.d

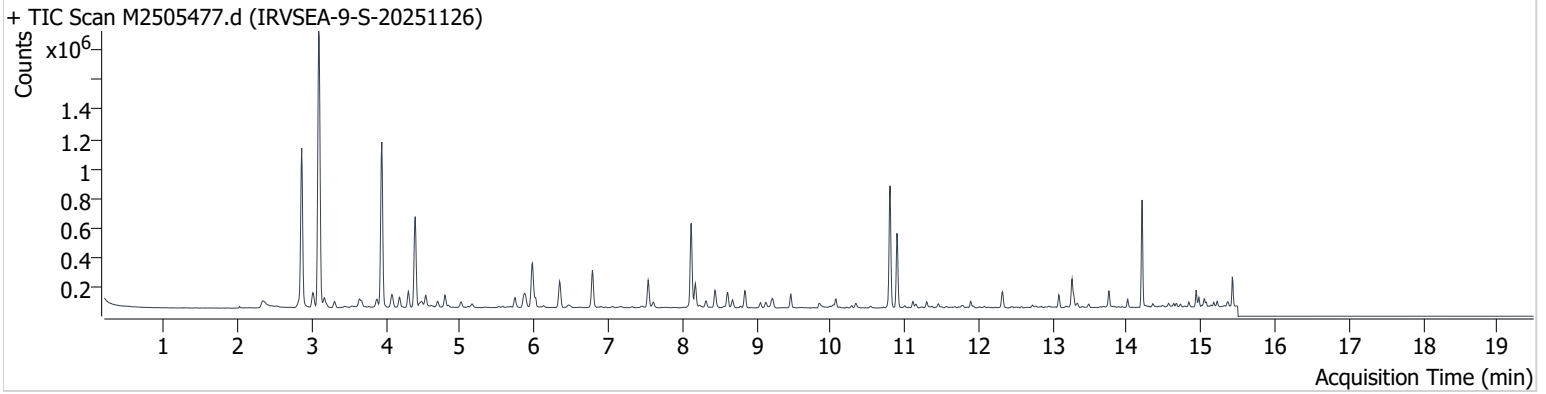


+ Scan (13.741-13.786 min, 6 scans) M2505476.d



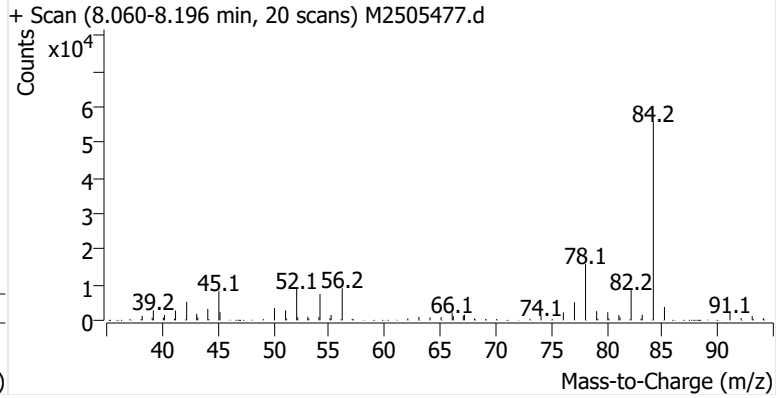
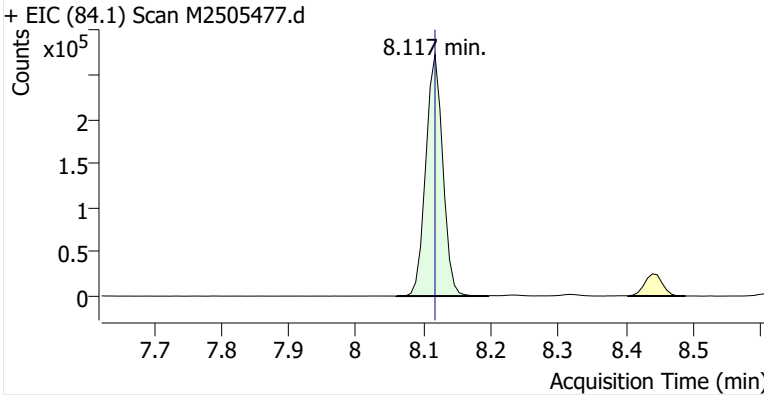
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Comment C71630
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Acq. Date-Time 12/14/2025 6:50:17 AM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

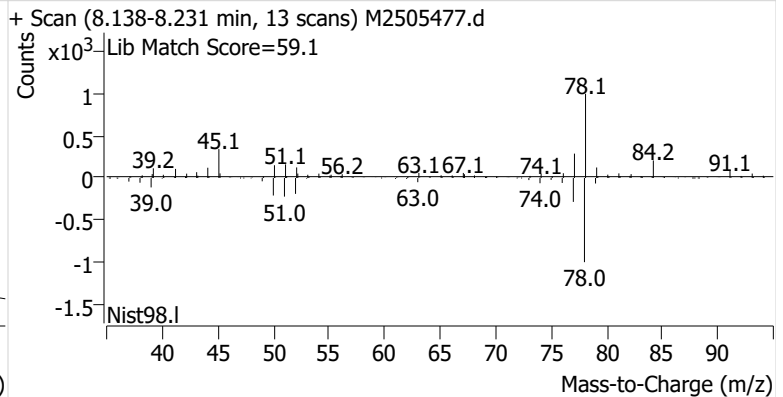
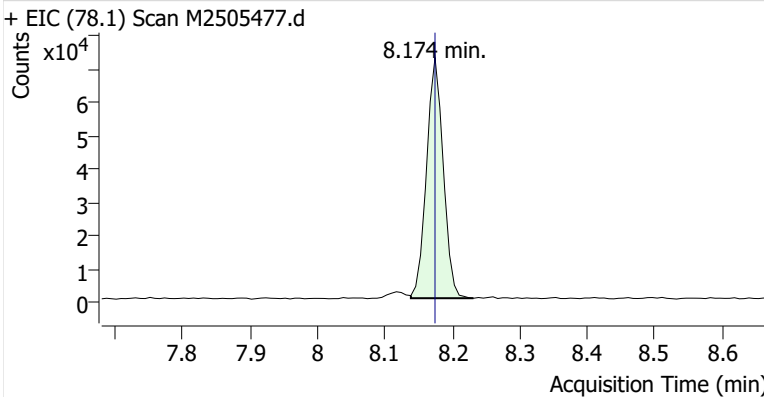


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.117	8.117	478,917	
Benzene	Benzene-d6 (IS)	8.174	8.174	123,957	
Toluene-d8 (IS)		10.803	10.803	514,730	
Toluene	Toluene-d8 (IS)	10.896	10.896	325,463	
Ethylbenzene	Toluene-d8 (IS)	13.081	13.081	54,433	
m-/p-Xylenes	Toluene-d8 (IS)	13.260	13.260	143,615	
o-Xylene	Toluene-d8 (IS)	13.761	13.754	61,039	

Benzene-d6 (IS)

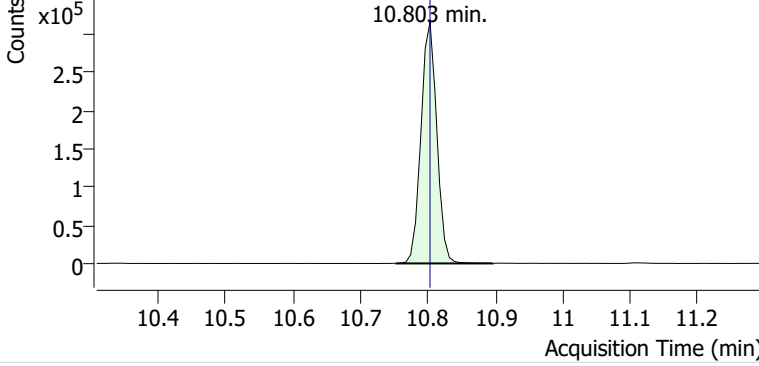


Benzene

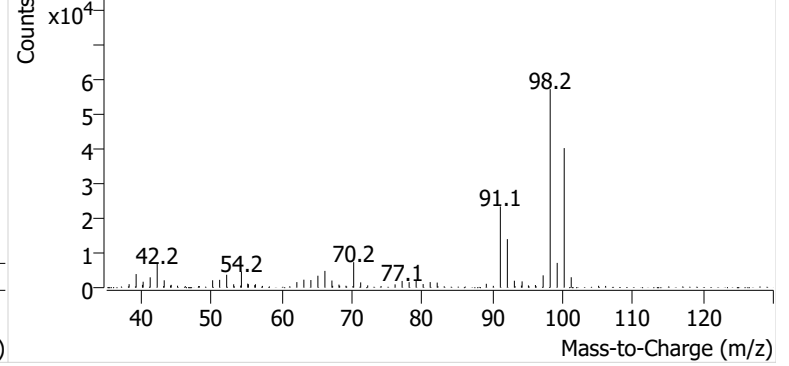


Toluene-d8 (IS)

+ EIC (98.1) Scan M2505477.d

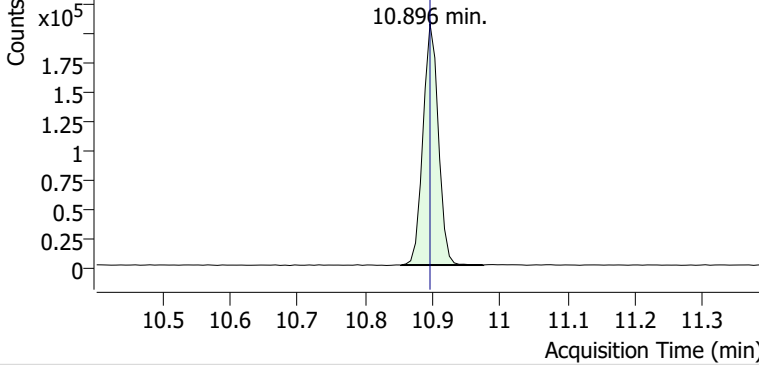


+ Scan (10.753-10.896 min, 21 scans) M2505477.d

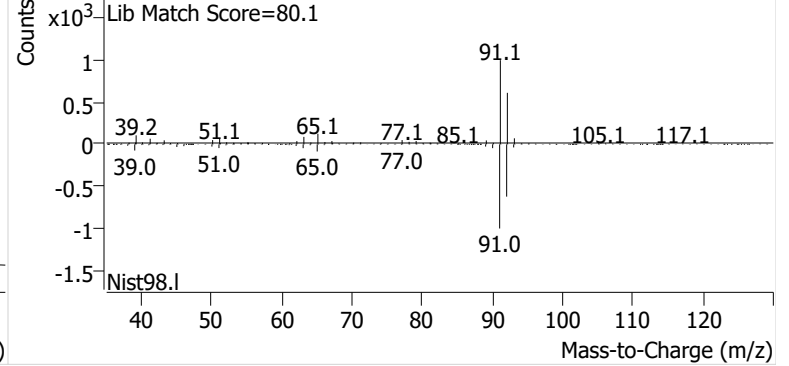


Toluene

+ EIC (91.1) Scan M2505477.d

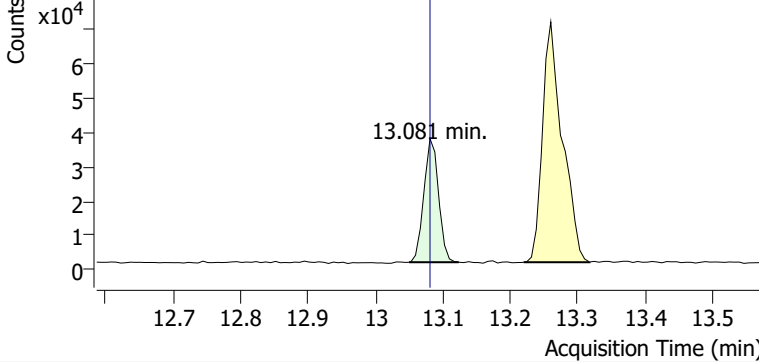


+ Scan (10.853-10.975 min, 18 scans) M2505477.d

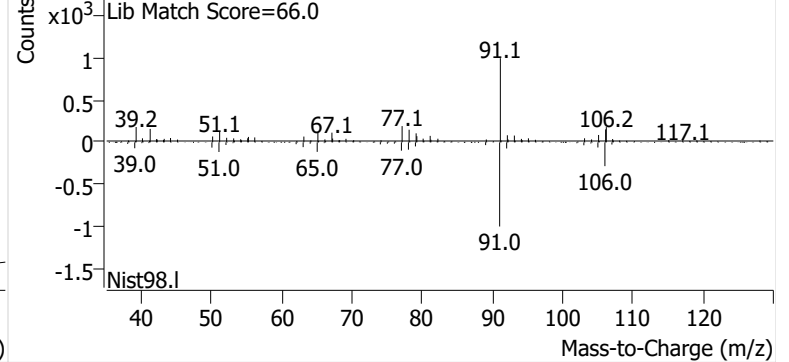


Ethylbenzene

+ EIC (91.1) Scan M2505477.d

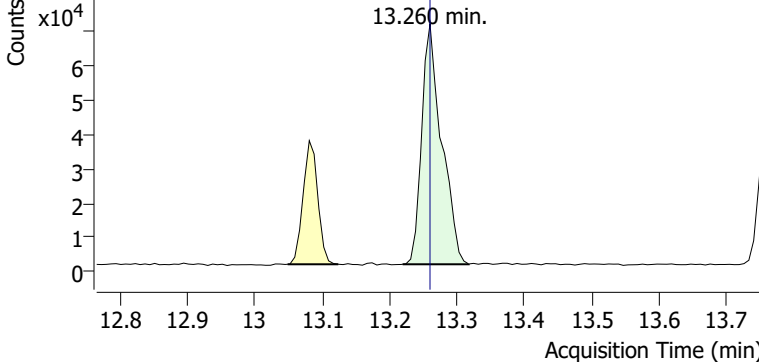


+ Scan (13.050-13.124 min, 10 scans) M2505477.d

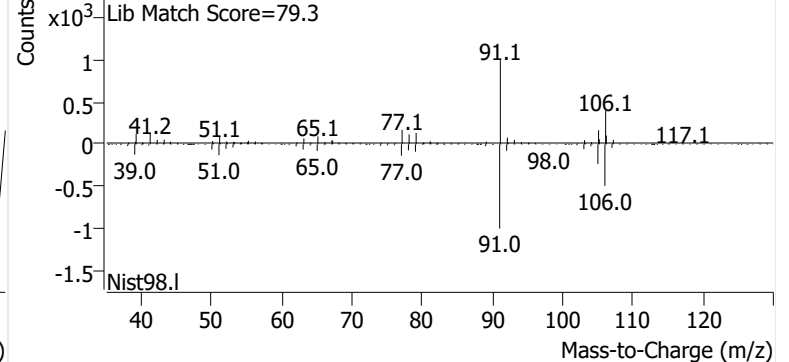


m-/p-Xylenes

+ EIC (91.1) Scan M2505477.d

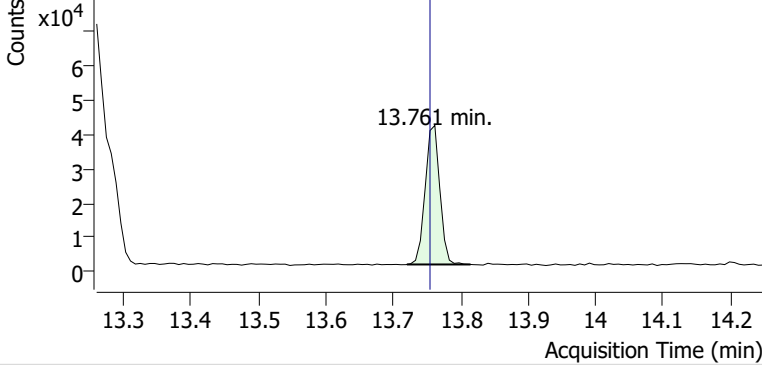


+ Scan (13.219-13.317 min, 14 scans) M2505477.d

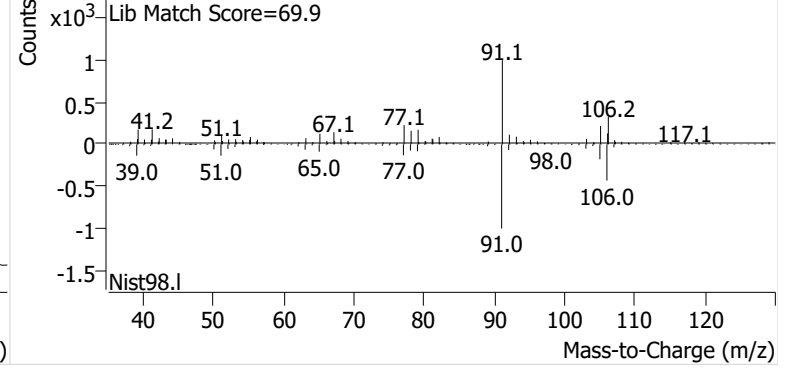


o-Xylene

+ EIC (91.1) Scan M2505477.d

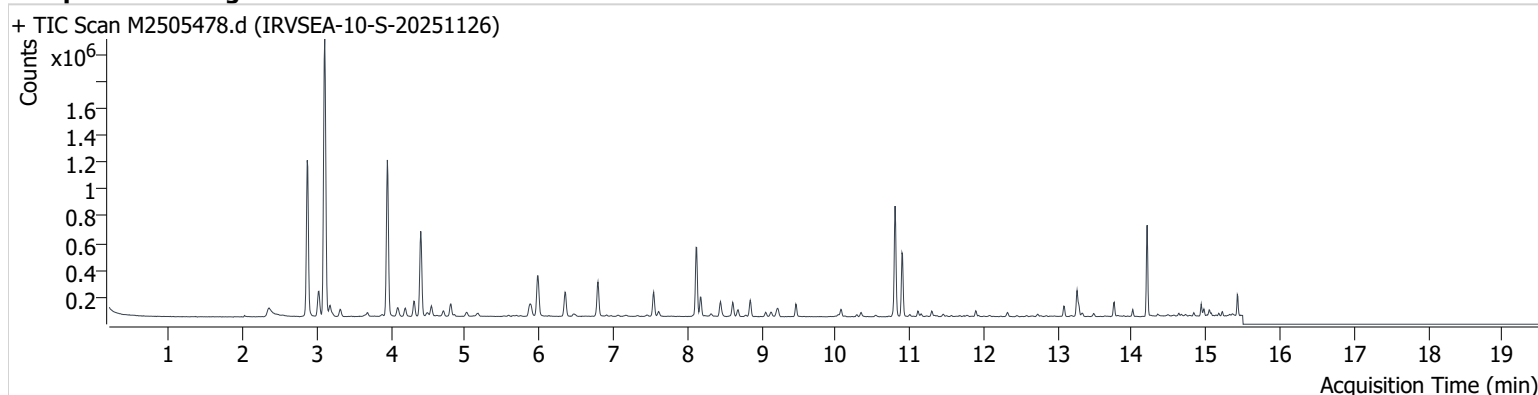


+ Scan (13.720-13.814 min, 13 scans) M2505477.d



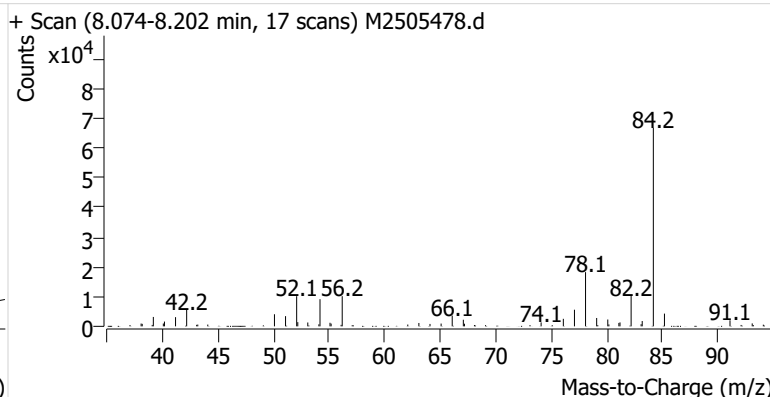
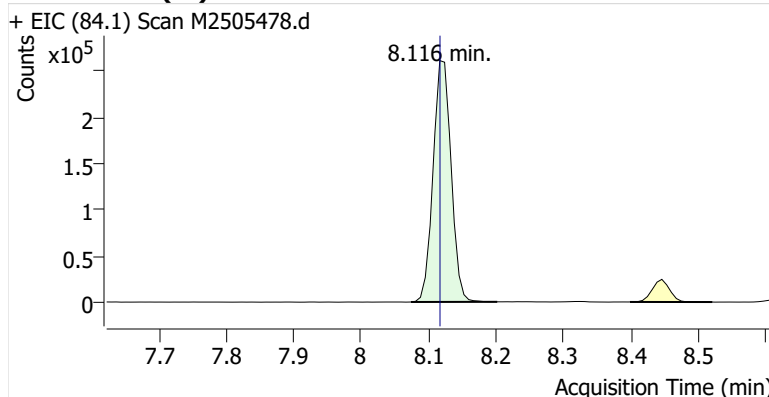
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Comment C67404
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Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

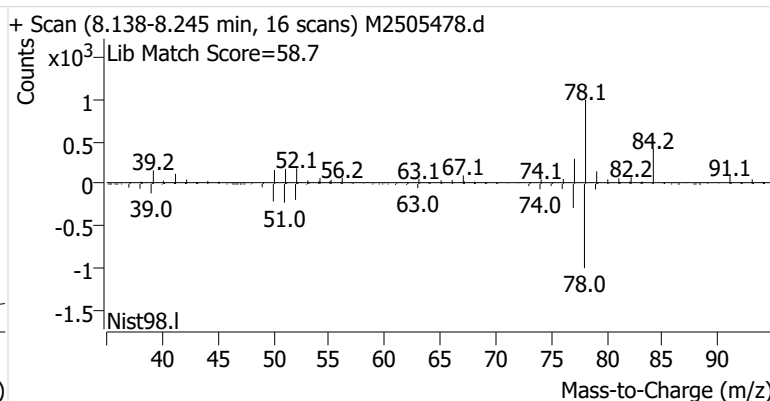
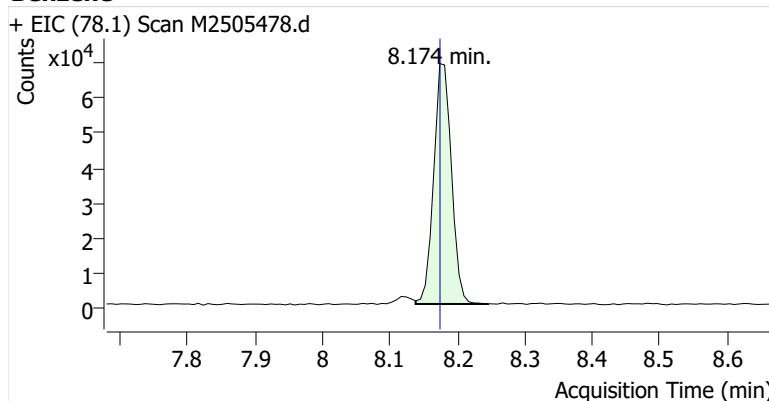


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.116	8.117	485,486	
Benzene	Benzene-d6 (IS)	8.174	8.174	125,279	
Toluene-d8 (IS)		10.803	10.803	512,766	
Toluene	Toluene-d8 (IS)	10.896	10.896	323,960	
Ethylbenzene	Toluene-d8 (IS)	13.088	13.081	52,091	
m-/p-Xylenes	Toluene-d8 (IS)	13.260	13.260	144,974	
o-Xylene	Toluene-d8 (IS)	13.761	13.754	59,212	

Benzene-d6 (IS)

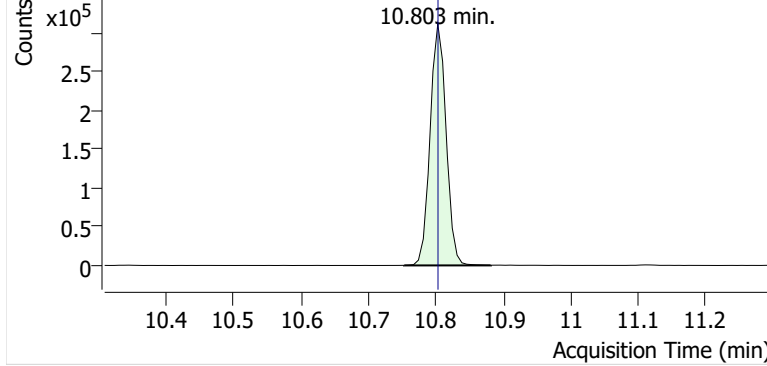


Benzene

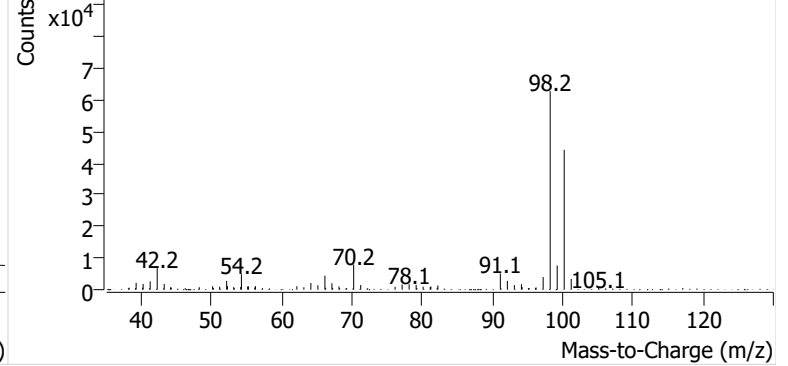


Toluene-d8 (IS)

+ EIC (98.1) Scan M2505478.d

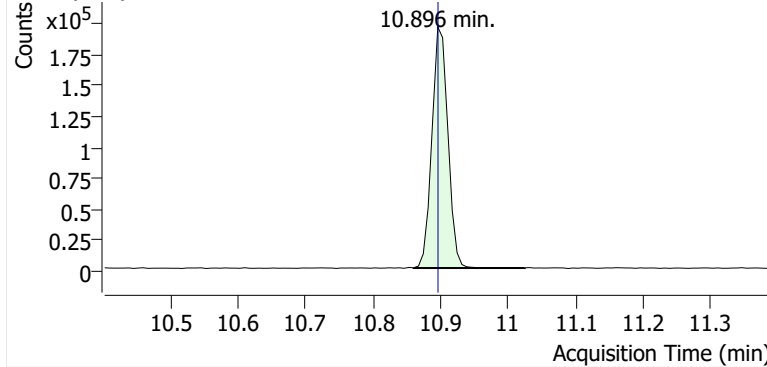


+ Scan (10.753-10.881 min, 19 scans) M2505478.d

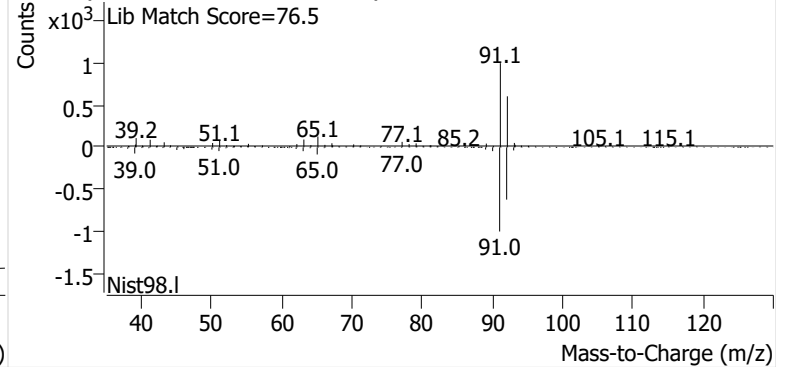


Toluene

+ EIC (91.1) Scan M2505478.d

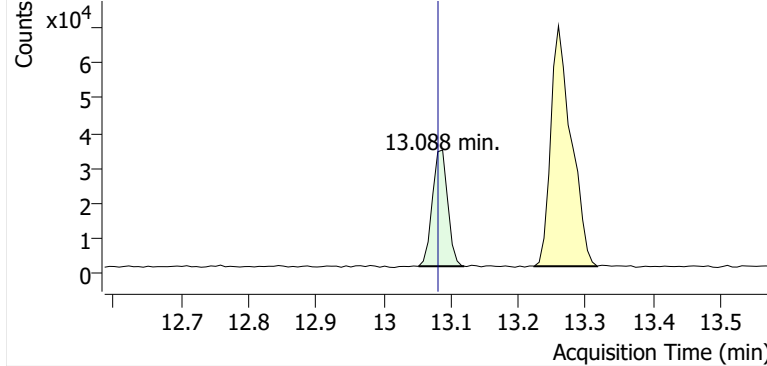


+ Scan (10.860-11.025 min, 24 scans) M2505478.d

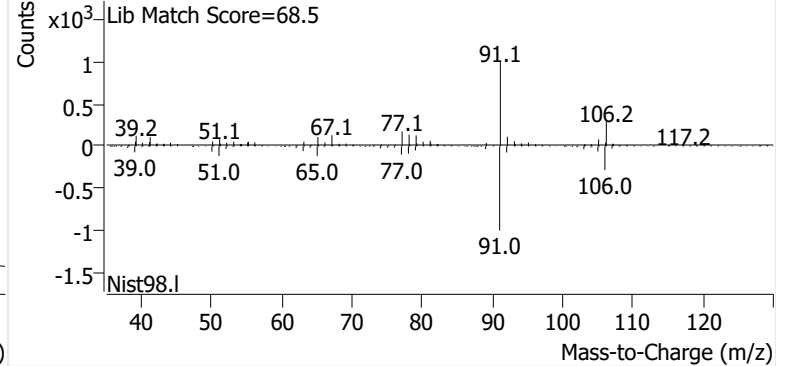


Ethylbenzene

+ EIC (91.1) Scan M2505478.d

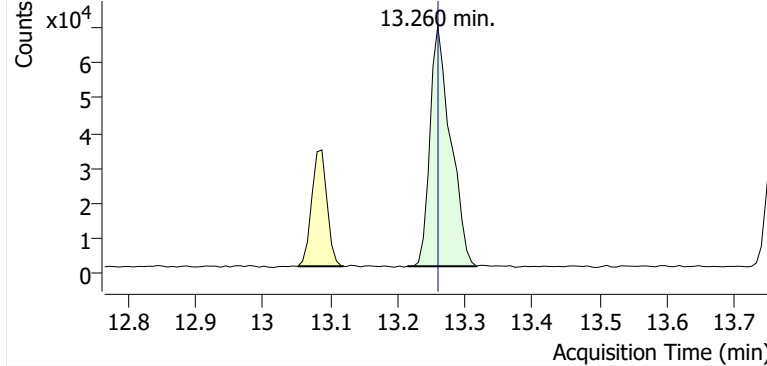


+ Scan (13.052-13.120 min, 9 scans) M2505478.d

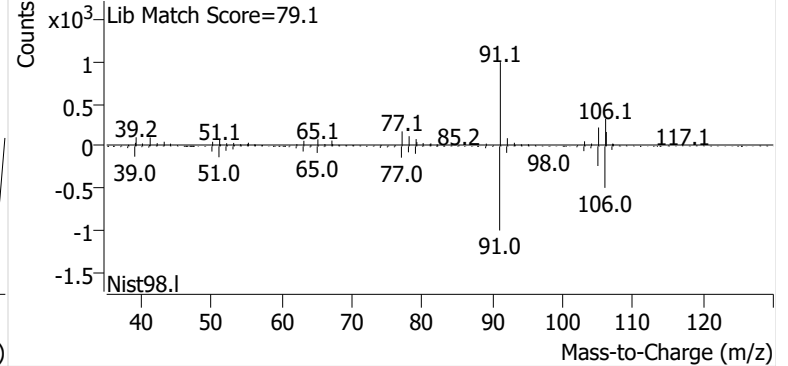


m-/p-Xylenes

+ EIC (91.1) Scan M2505478.d

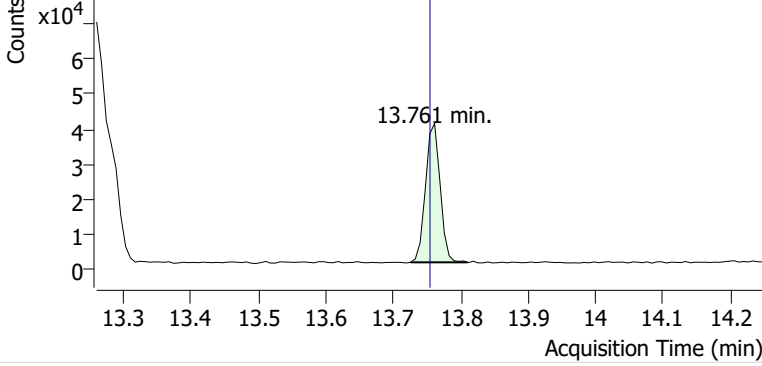


+ Scan (13.215-13.317 min, 15 scans) M2505478.d

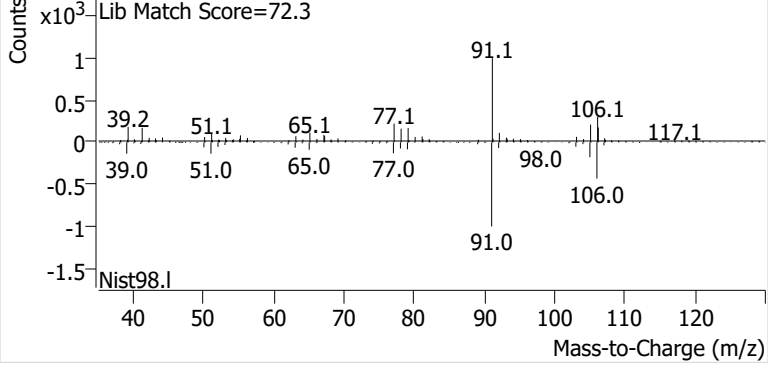


o-Xylene

+ EIC (91.1) Scan M2505478.d

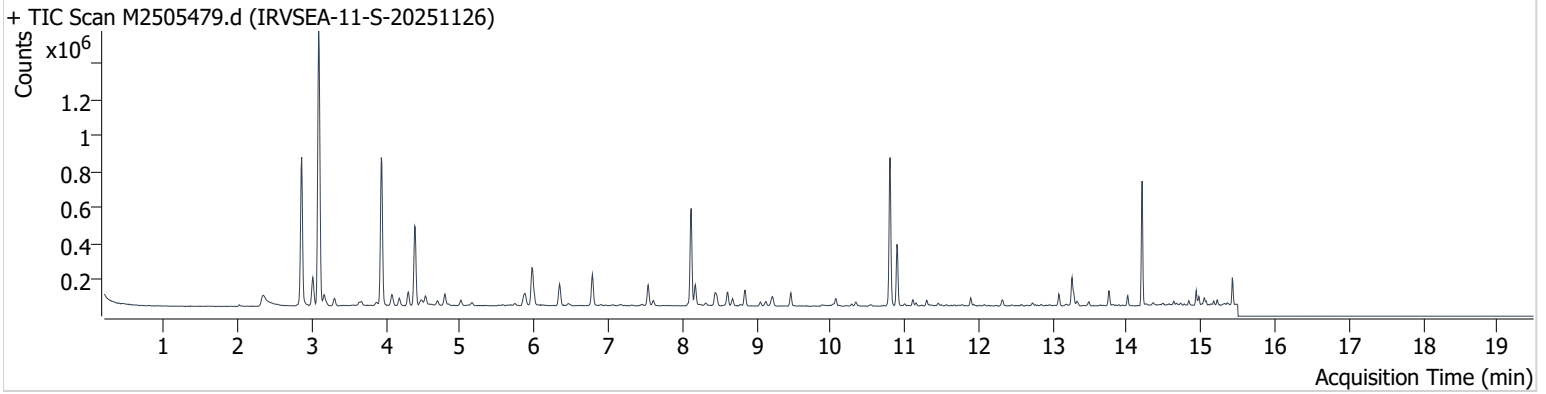


+ Scan (13.725-13.810 min, 11 scans) M2505478.d



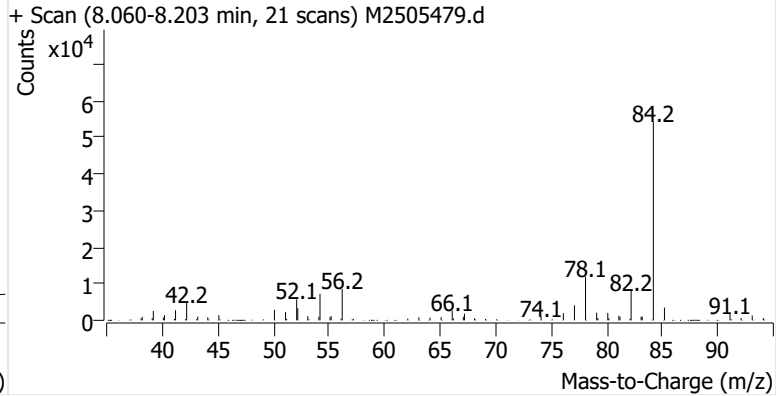
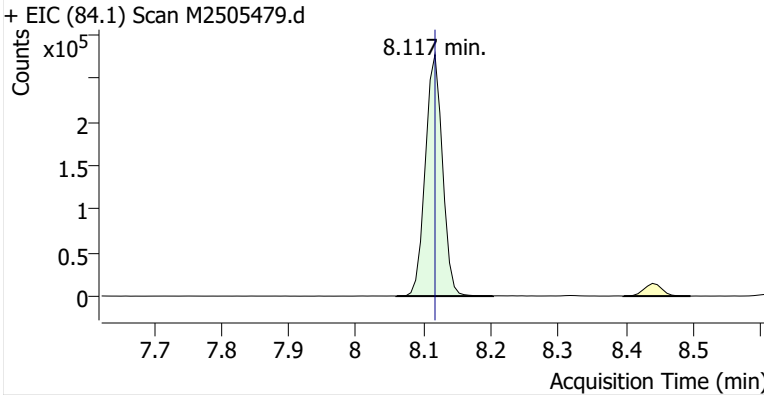
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Comment C70520
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Acq. Date-Time 12/14/2025 7:41:05 AM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

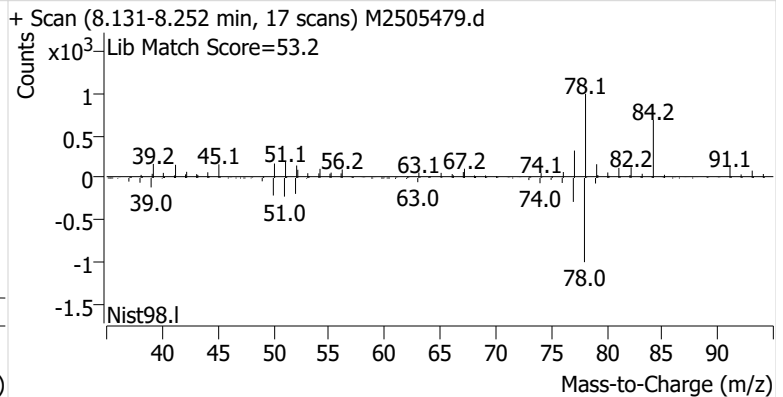
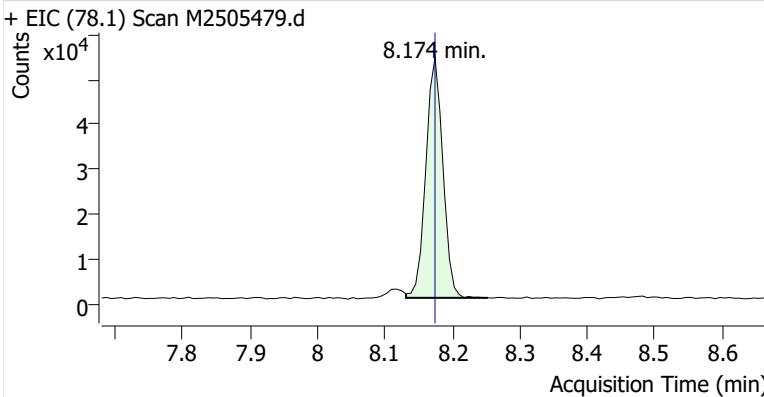


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.117	8.117	489,359	
Benzene	Benzene-d6 (IS)	8.174	8.174	93,916	
Toluene-d8 (IS)		10.803	10.803	511,329	
Toluene	Toluene-d8 (IS)	10.896	10.896	223,823	
Ethylbenzene	Toluene-d8 (IS)	13.081	13.081	41,771	
m-/p-Xylenes	Toluene-d8 (IS)	13.260	13.260	114,956	
o-Xylene	Toluene-d8 (IS)	13.761	13.754	46,579	

Benzene-d6 (IS)

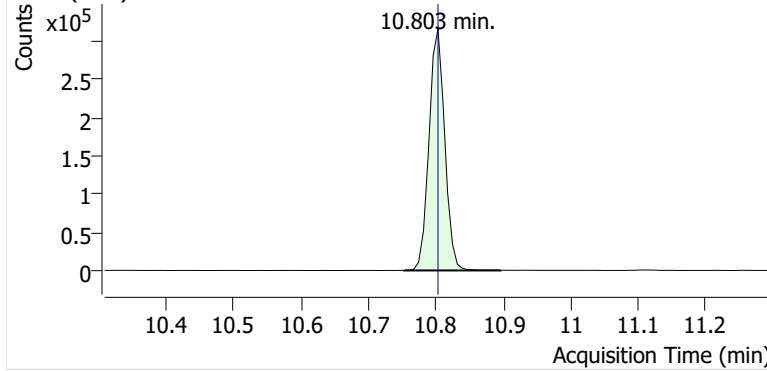


Benzene

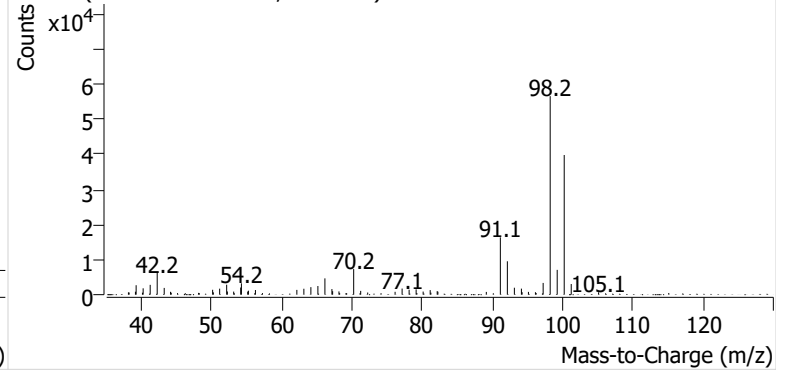


Toluene-d8 (IS)

+ EIC (98.1) Scan M2505479.d

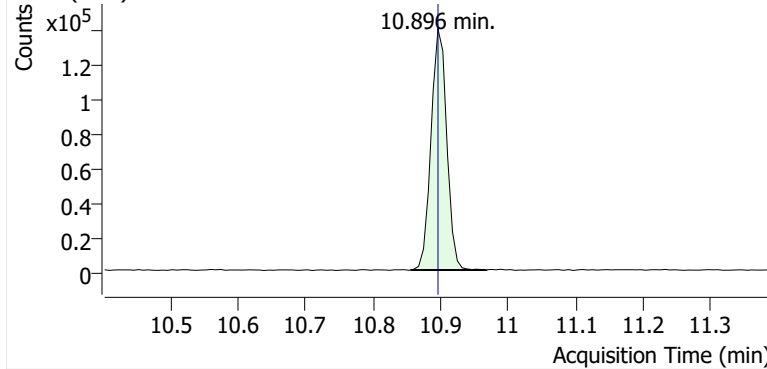


+ Scan (10.753-10.896 min, 21 scans) M2505479.d

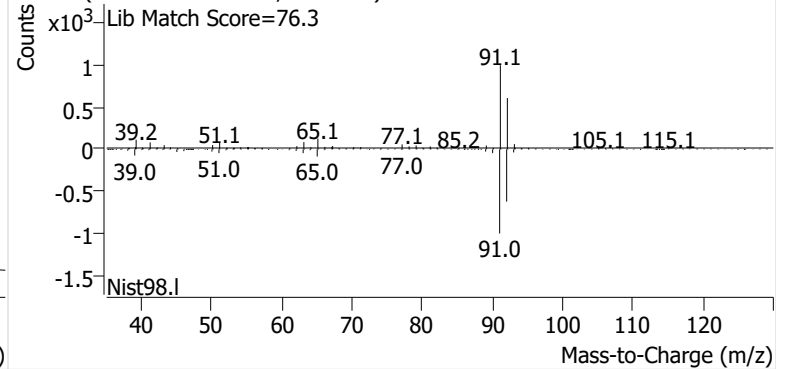


Toluene

+ EIC (91.1) Scan M2505479.d

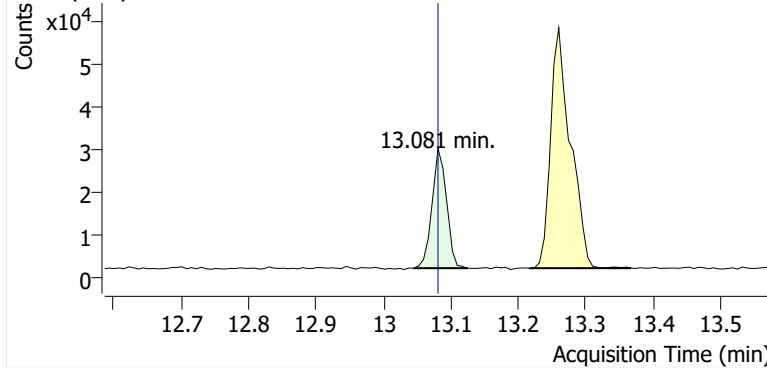


+ Scan (10.855-10.968 min, 16 scans) M2505479.d

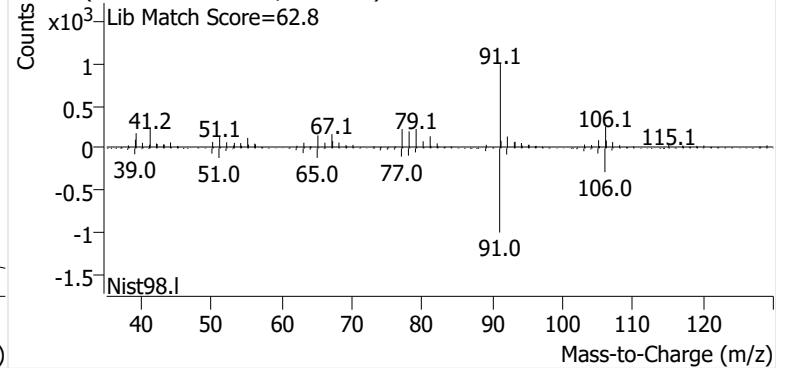


Ethylbenzene

+ EIC (91.1) Scan M2505479.d

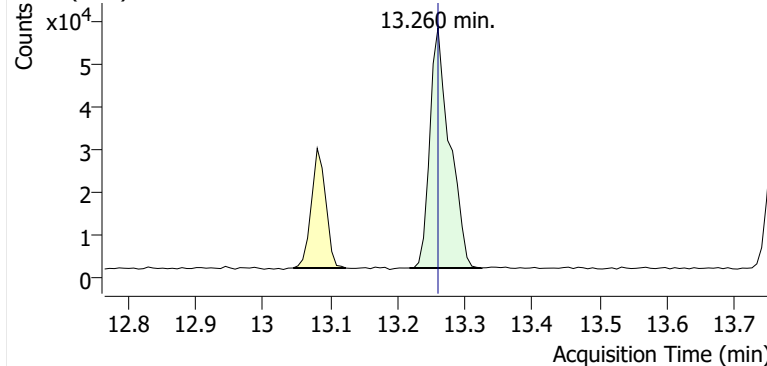


+ Scan (13.045-13.125 min, 12 scans) M2505479.d

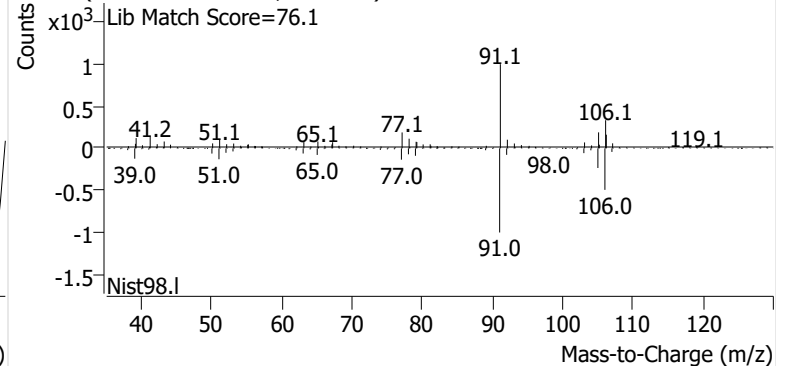


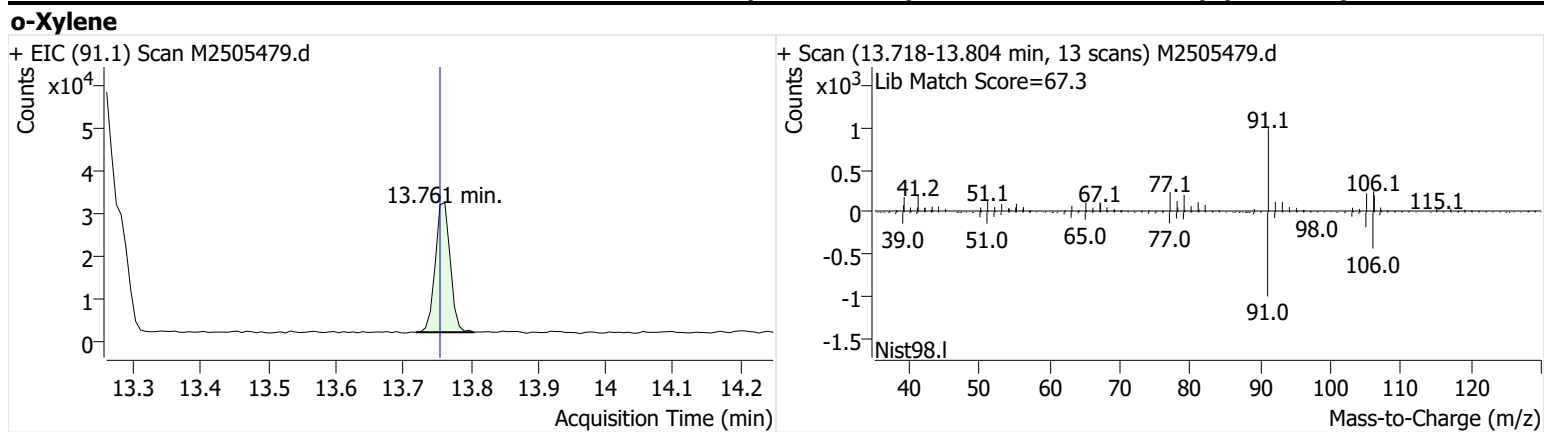
m-/p-Xylenes

+ EIC (91.1) Scan M2505479.d



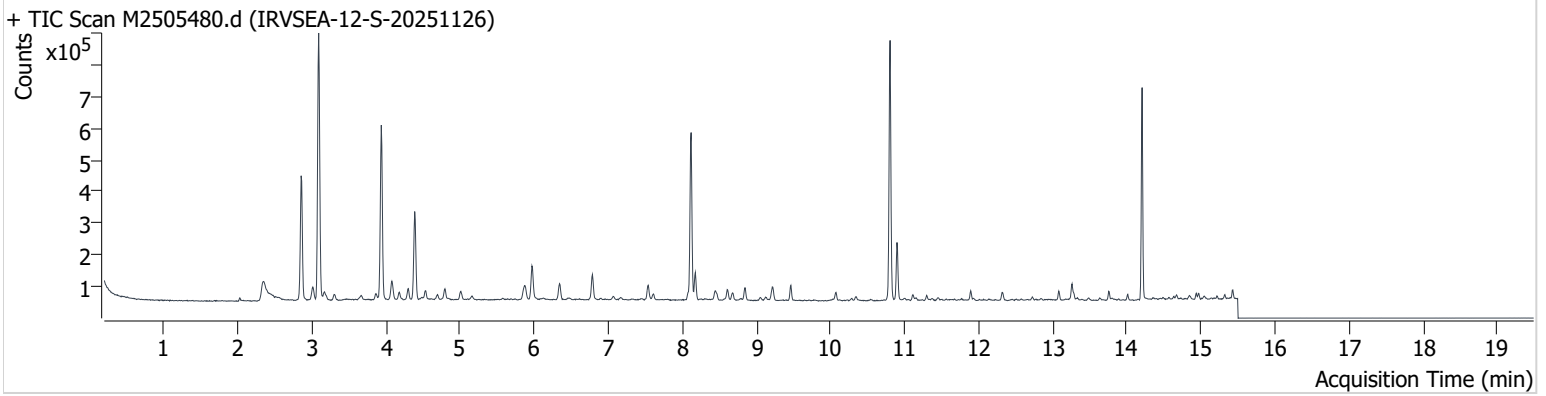
+ Scan (13.218-13.324 min, 15 scans) M2505479.d





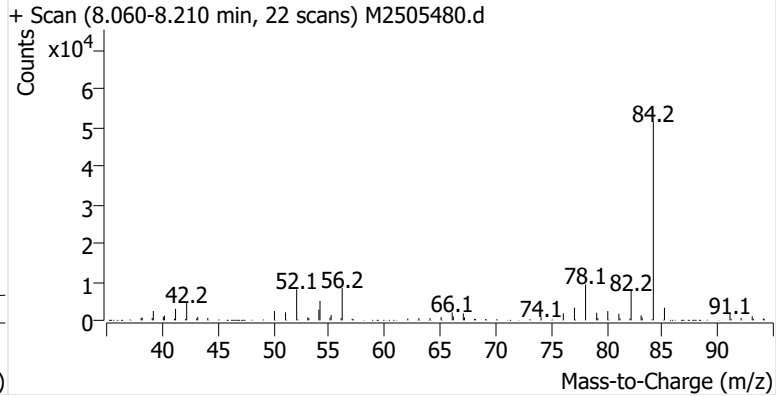
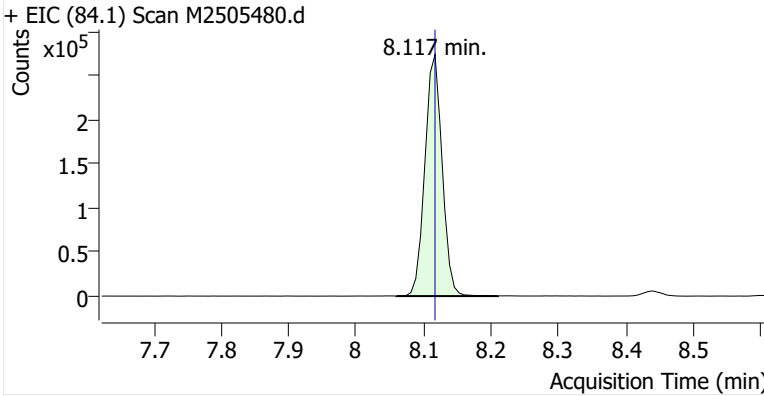
Name IRVSEA-12-S-20251126
Comment B18319
Data File M2505480.d
Acq. Date-Time 12/14/2025 8:06:31 AM
Acq. Method File M325B-MTD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

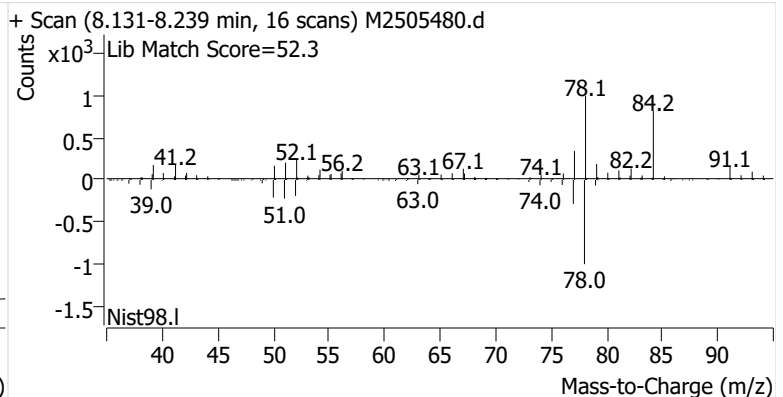


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.117	8.117	486,419	
Benzene	Benzene-d6 (IS)	8.174	8.174	72,013	
Toluene-d8 (IS)		10.803	10.803	508,165	
Toluene	Toluene-d8 (IS)	10.896	10.896	112,417	
Ethylbenzene	Toluene-d8 (IS)	13.081	13.081	16,578	
m-/p-Xylenes	Toluene-d8 (IS)	13.260	13.260	36,440	
o-Xylene	Toluene-d8 (IS)	13.754	13.754	14,815	

Benzene-d6 (IS)

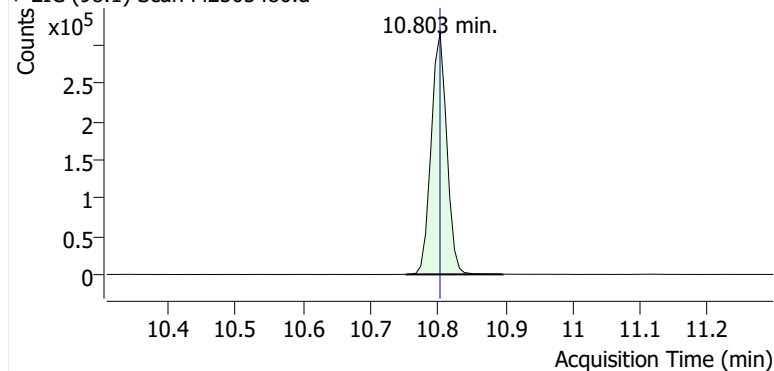


Benzene

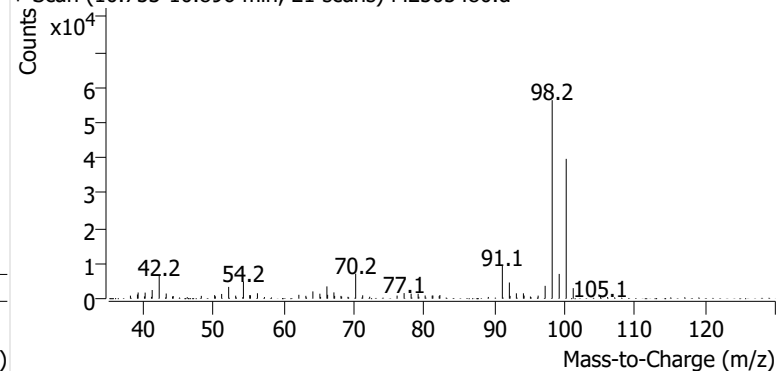


Toluene-d8 (IS)

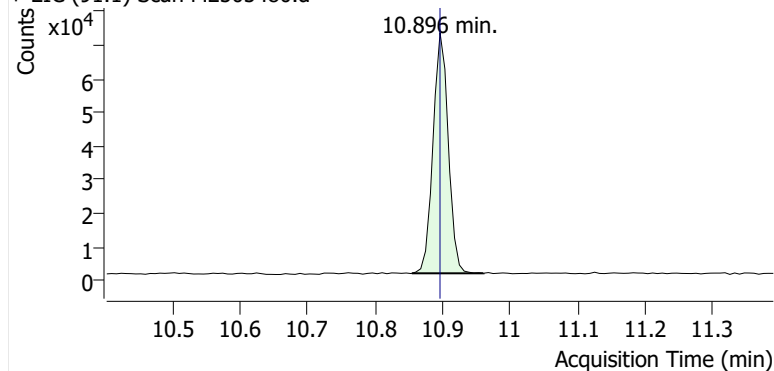
+ EIC (98.1) Scan M2505480.d



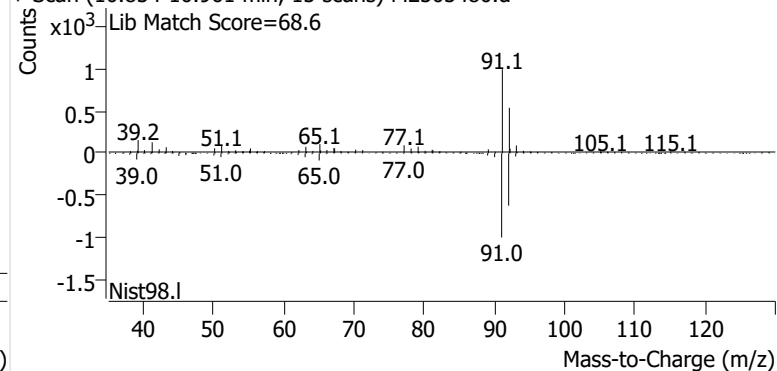
+ Scan (10.753-10.896 min, 21 scans) M2505480.d

**Toluene**

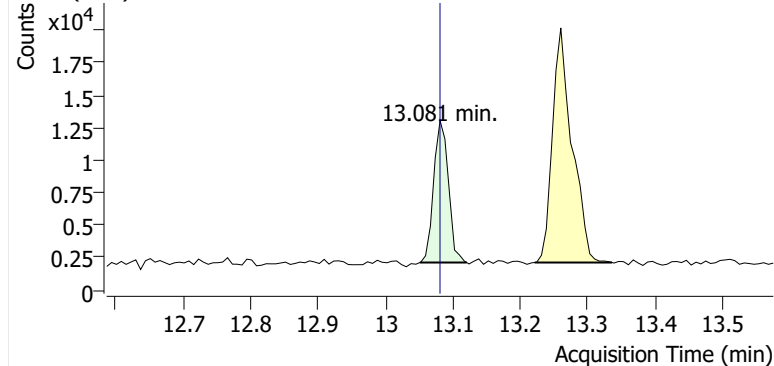
+ EIC (91.1) Scan M2505480.d



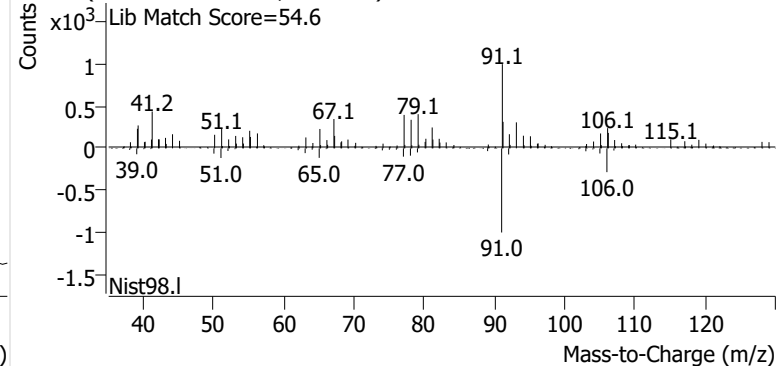
+ Scan (10.854-10.961 min, 15 scans) M2505480.d

**Ethylbenzene**

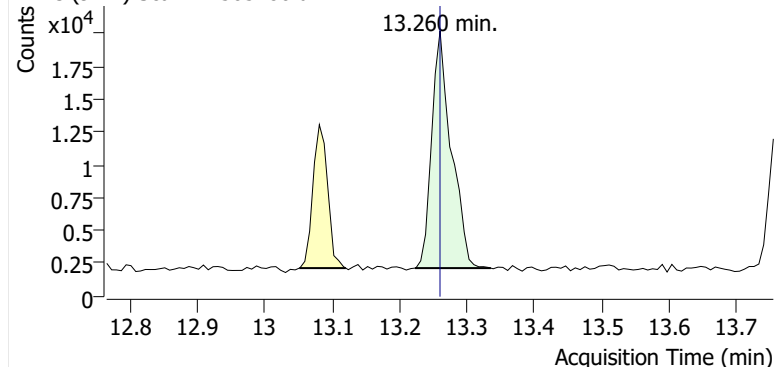
+ EIC (91.1) Scan M2505480.d



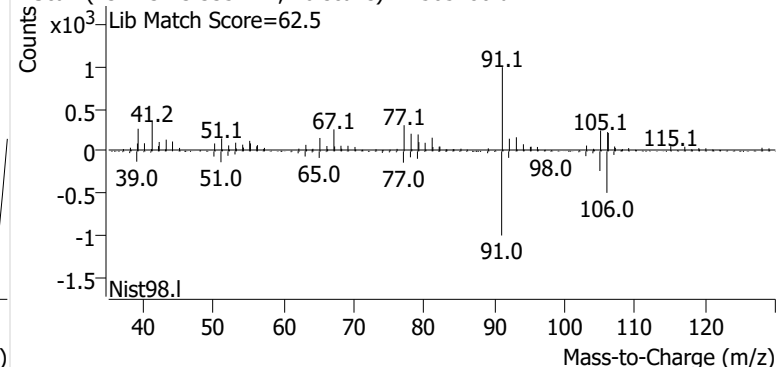
+ Scan (13.051-13.121 min, 10 scans) M2505480.d

**m-/p-Xylenes**

+ EIC (91.1) Scan M2505480.d

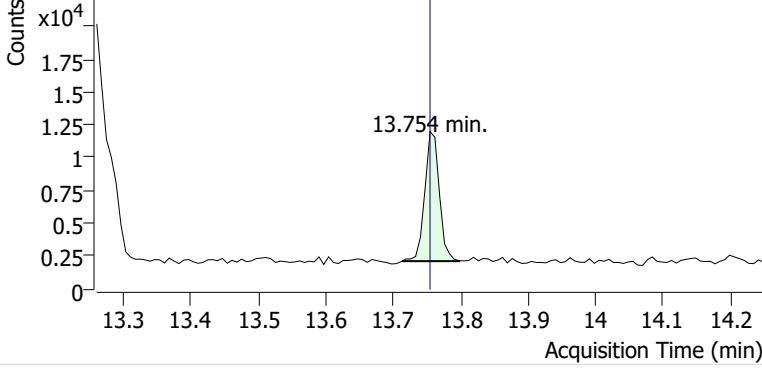


+ Scan (13.223-13.335 min, 16 scans) M2505480.d

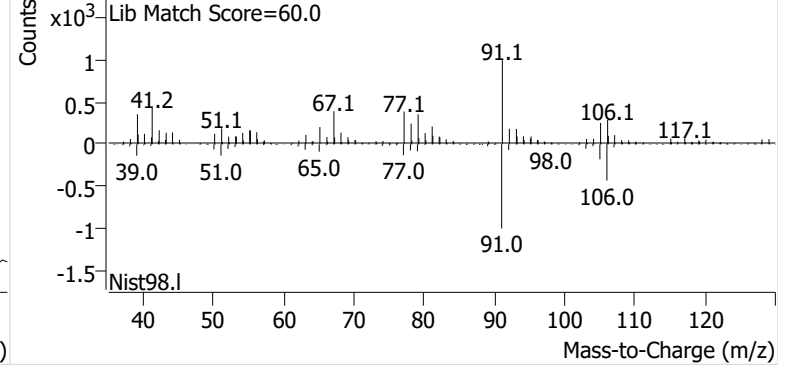


o-Xylene

+ EIC (91.1) Scan M2505480.d

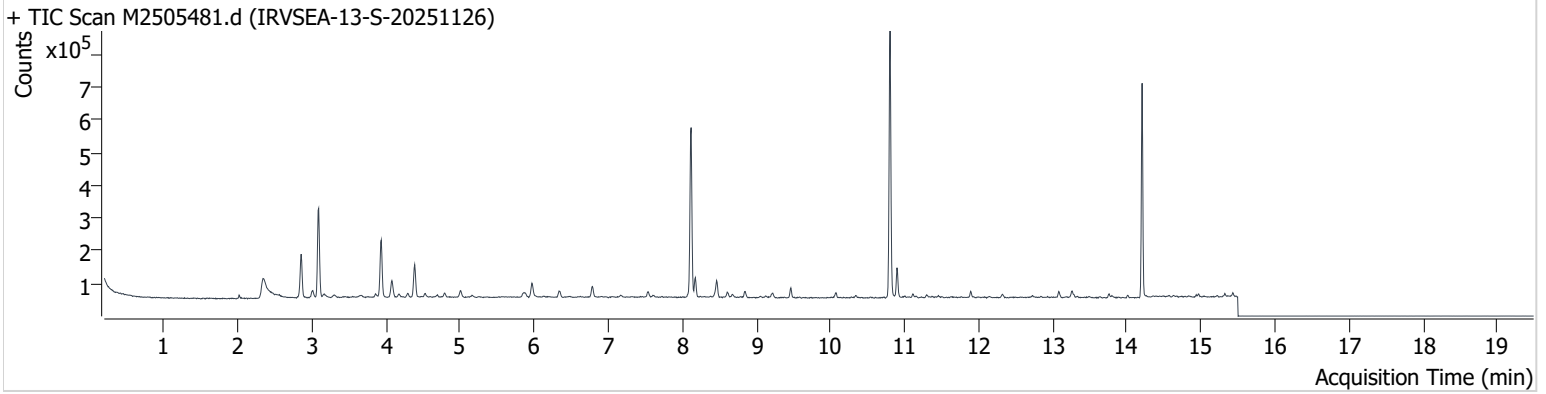


+ Scan (13.713-13.797 min, 12 scans) M2505480.d



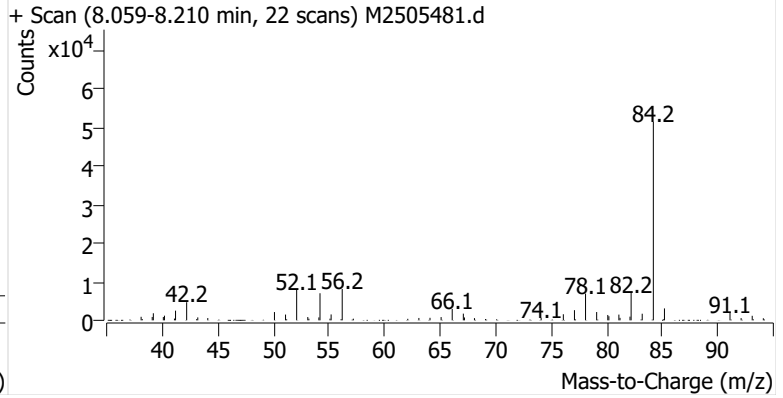
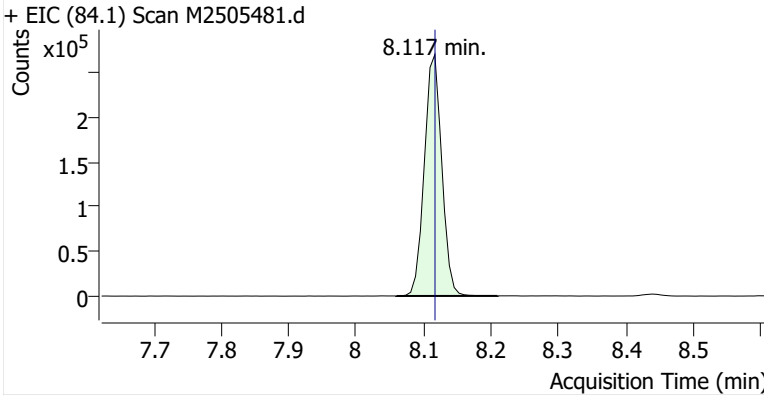
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Comment B46223
Data File M2505481.d
Acq. Date-Time 12/14/2025 8:31:59 AM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

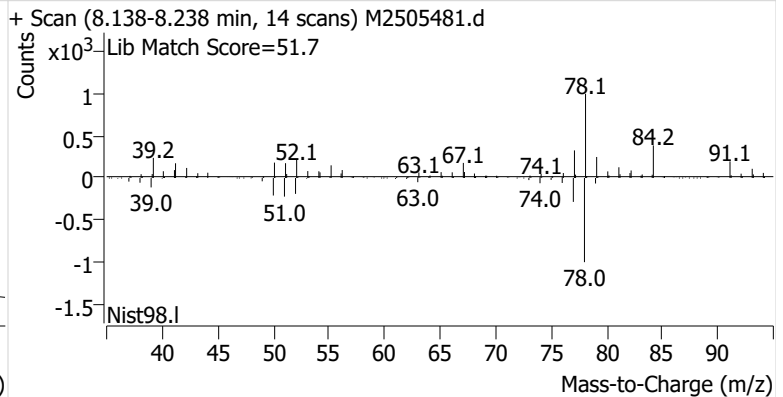
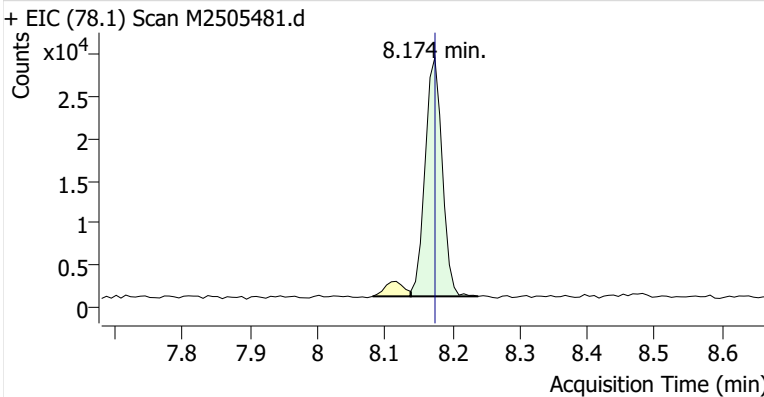


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.117	8.117	484,192	
Benzene	Benzene-d6 (IS)	8.174	8.174	49,565	
Toluene-d8 (IS)		10.803	10.803	506,721	
Toluene	Toluene-d8 (IS)	10.896	10.896	56,823	
Ethylbenzene	Toluene-d8 (IS)	13.081	13.081	11,502	
m-/p-Xylenes	Toluene-d8 (IS)	13.260	13.260	14,576	
o-Xylene	Toluene-d8 (IS)	13.761	13.754	6,397	

Benzene-d6 (IS)

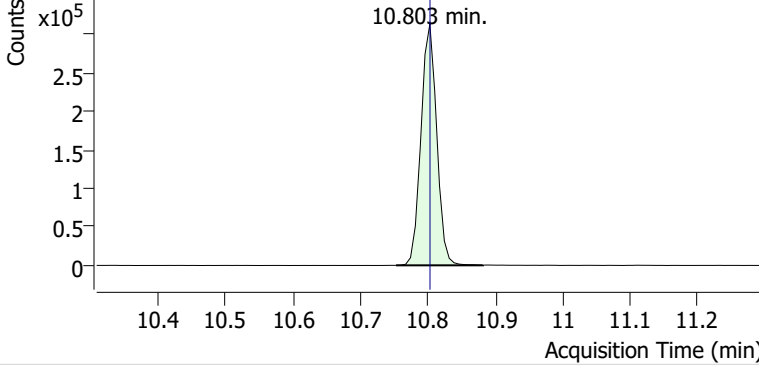


Benzene

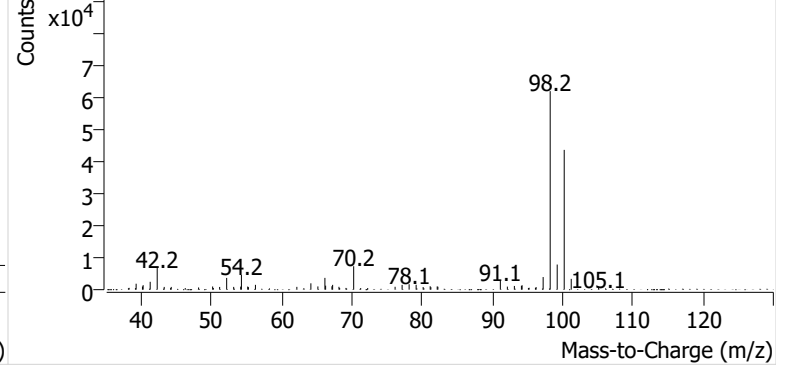


Toluene-d8 (IS)

+ EIC (98.1) Scan M2505481.d

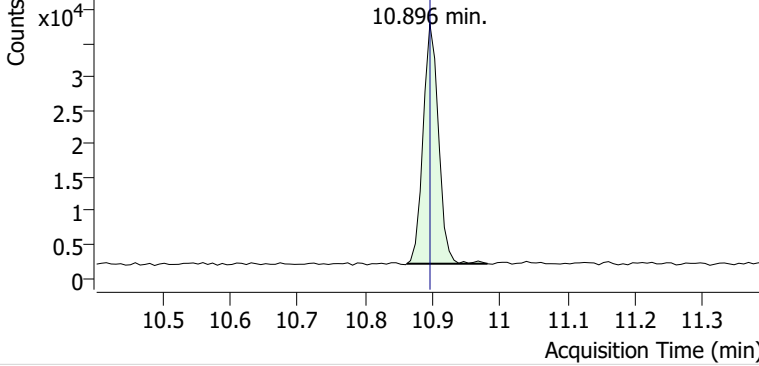


+ Scan (10.753-10.882 min, 19 scans) M2505481.d

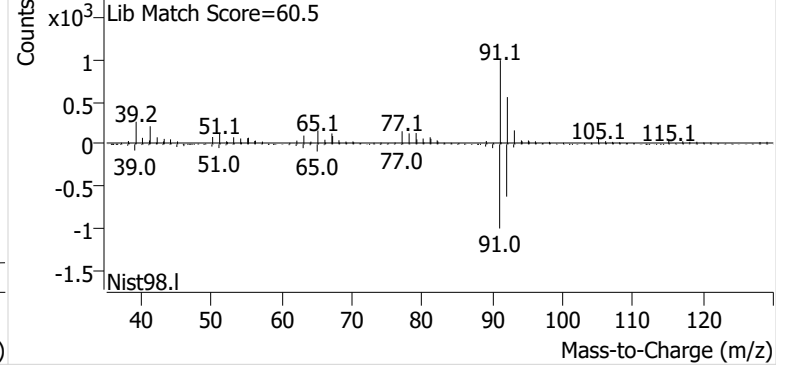


Toluene

+ EIC (91.1) Scan M2505481.d

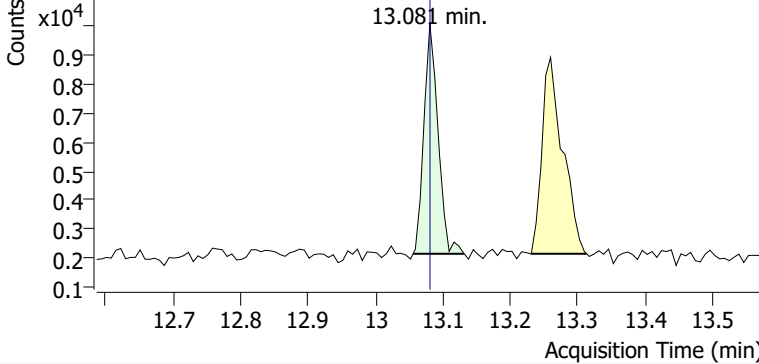


+ Scan (10.862-10.981 min, 16 scans) M2505481.d

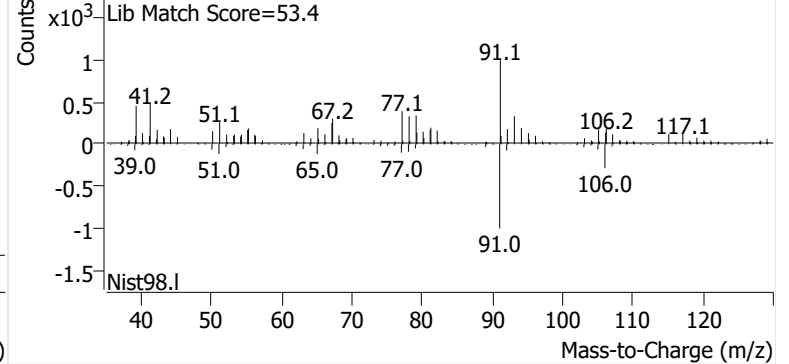


Ethylbenzene

+ EIC (91.1) Scan M2505481.d

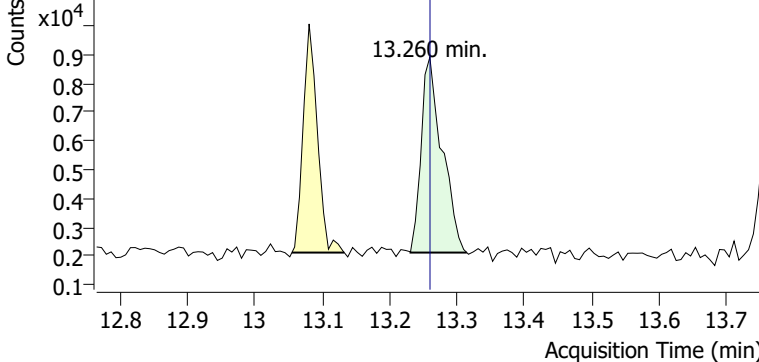


+ Scan (13.056-13.132 min, 11 scans) M2505481.d

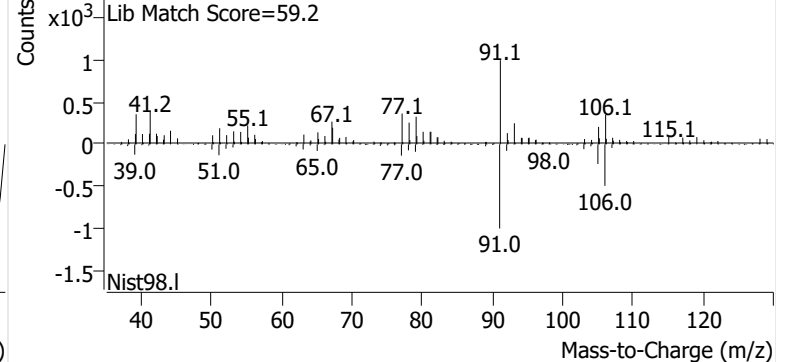


m-/p-Xylenes

+ EIC (91.1) Scan M2505481.d

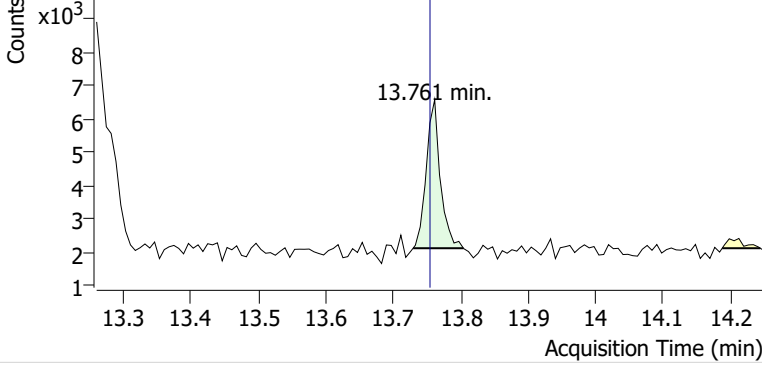


+ Scan (13.231-13.315 min, 12 scans) M2505481.d

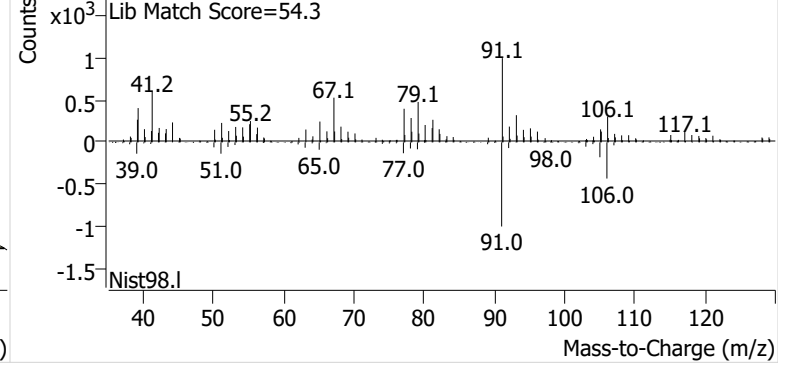


o-Xylene

+ EIC (91.1) Scan M2505481.d

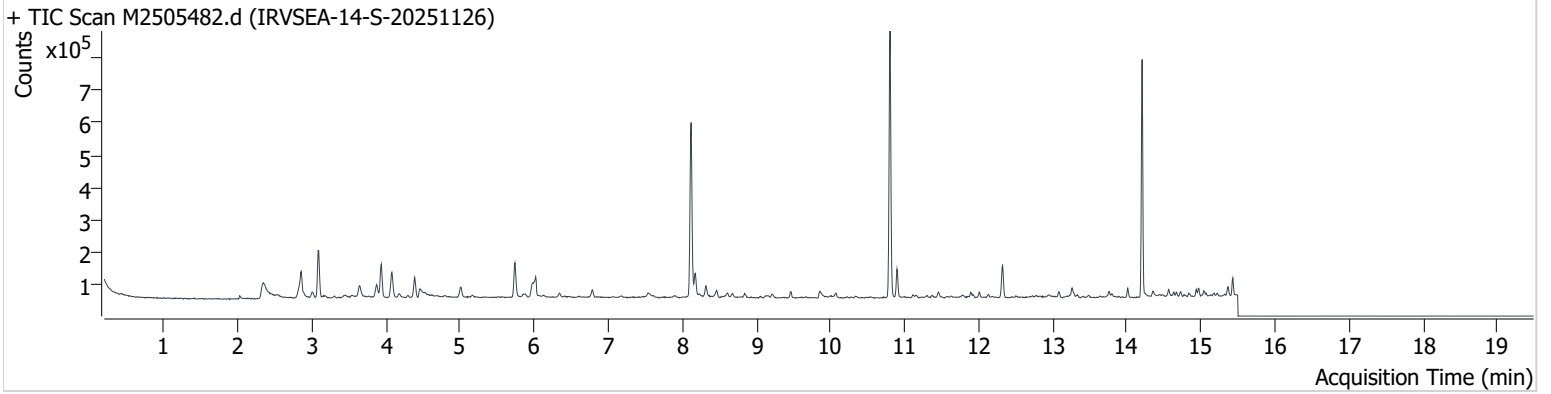


+ Scan (13.729-13.804 min, 10 scans) M2505481.d



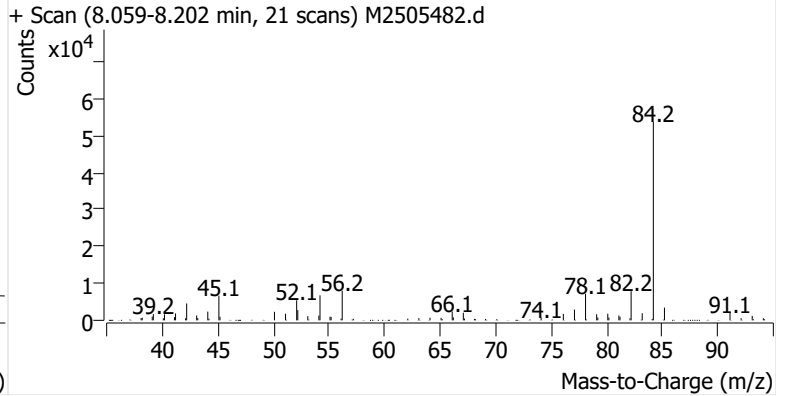
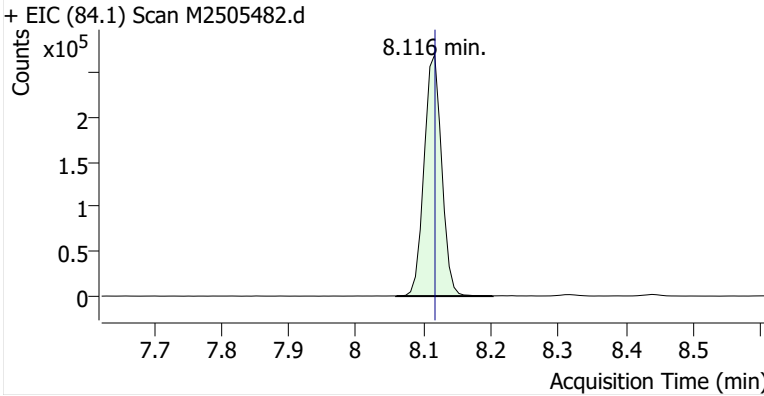
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Comment C71523
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Acq. Date-Time 12/14/2025 8:57:31 AM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

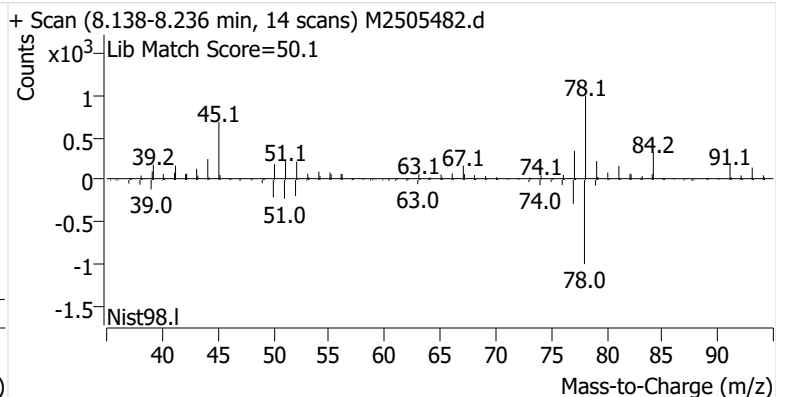
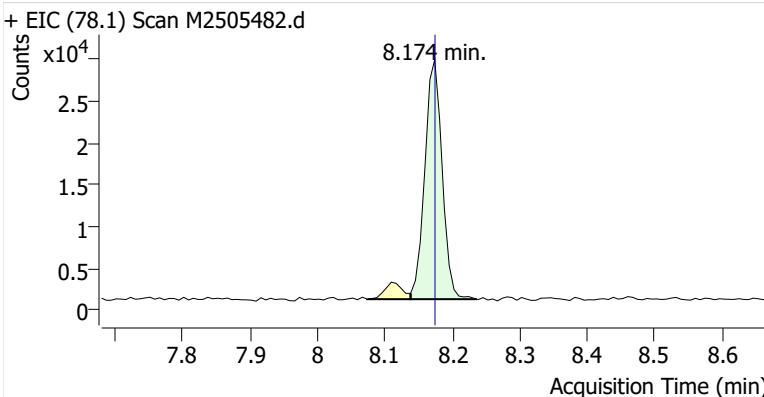


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.116	8.117	486,648	
Benzene	Benzene-d6 (IS)	8.174	8.174	51,155	
Toluene-d8 (IS)		10.803	10.803	514,625	
Toluene	Toluene-d8 (IS)	10.896	10.896	55,291	
Ethylbenzene	Toluene-d8 (IS)	13.080	13.081	10,705	
m-/p-Xylenes	Toluene-d8 (IS)	13.260	13.260	21,632	
o-Xylene	Toluene-d8 (IS)	13.761	13.754	9,238	

Benzene-d6 (IS)

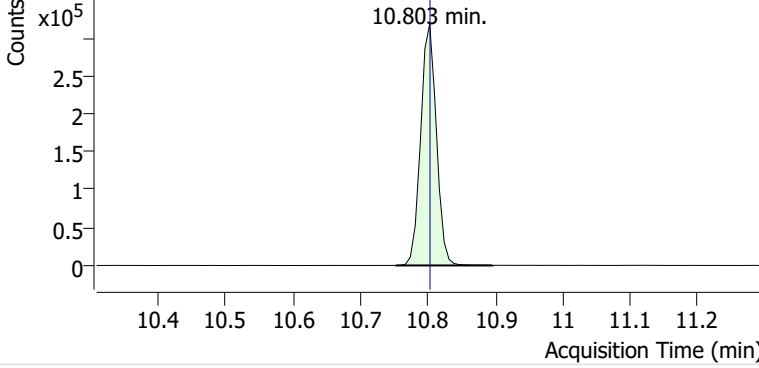


Benzene

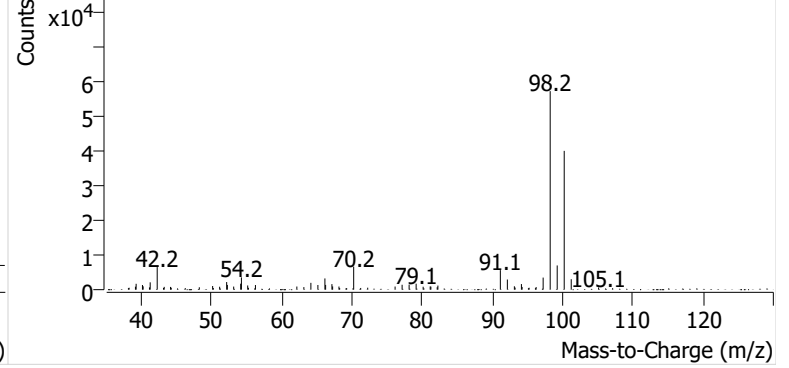


Toluene-d8 (IS)

+ EIC (98.1) Scan M2505482.d

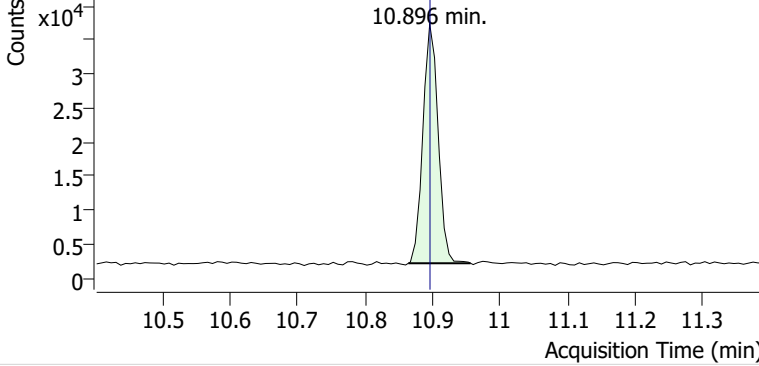


+ Scan (10.752-10.896 min, 21 scans) M2505482.d

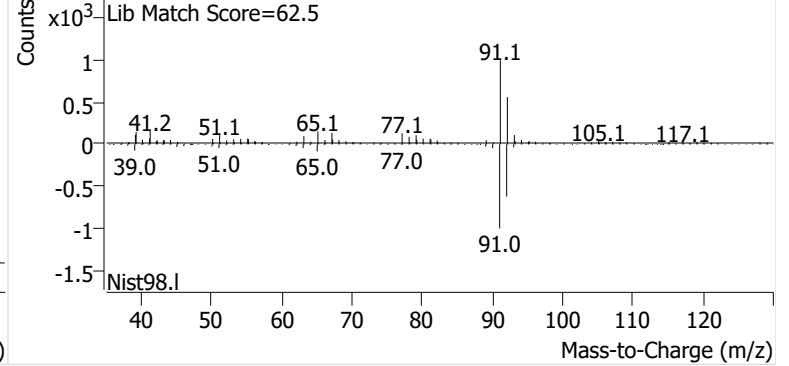


Toluene

+ EIC (91.1) Scan M2505482.d

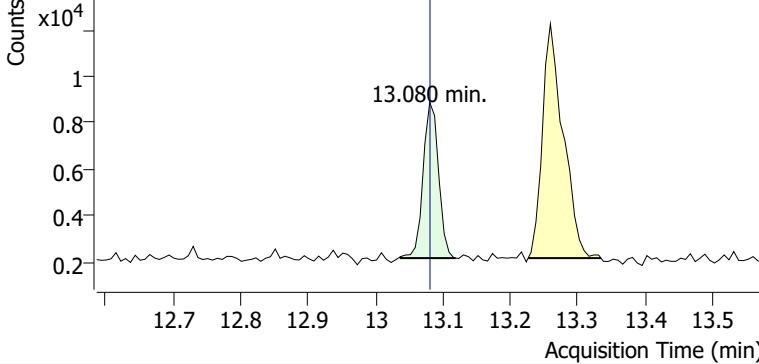


+ Scan (10.864-10.956 min, 13 scans) M2505482.d

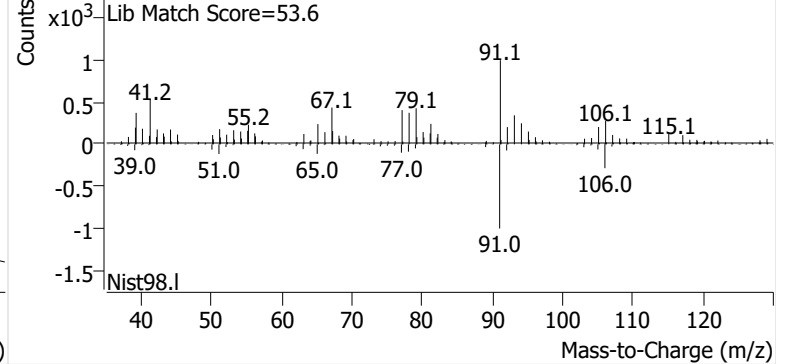


Ethylbenzene

+ EIC (91.1) Scan M2505482.d

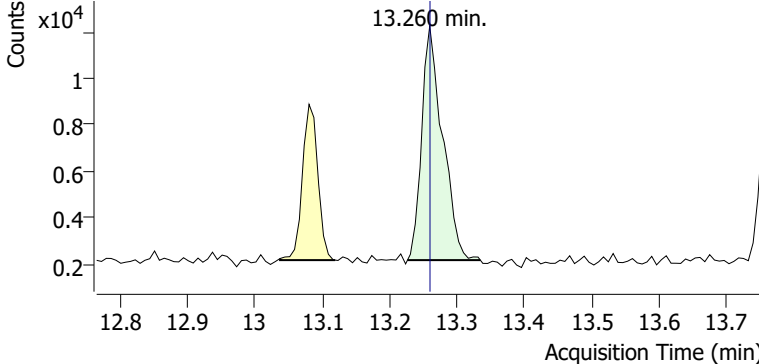


+ Scan (13.037-13.119 min, 12 scans) M2505482.d

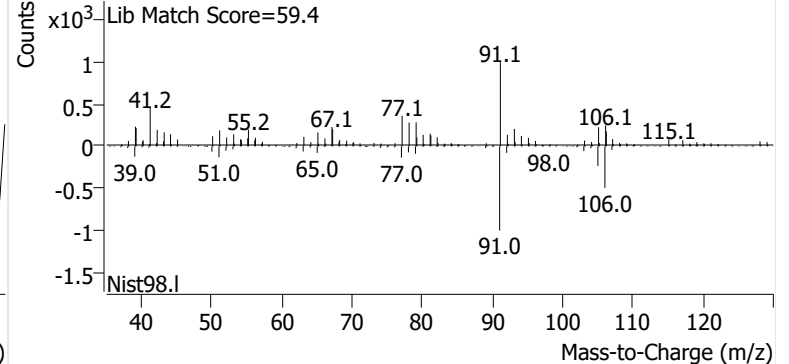


m-/p-Xylenes

+ EIC (91.1) Scan M2505482.d

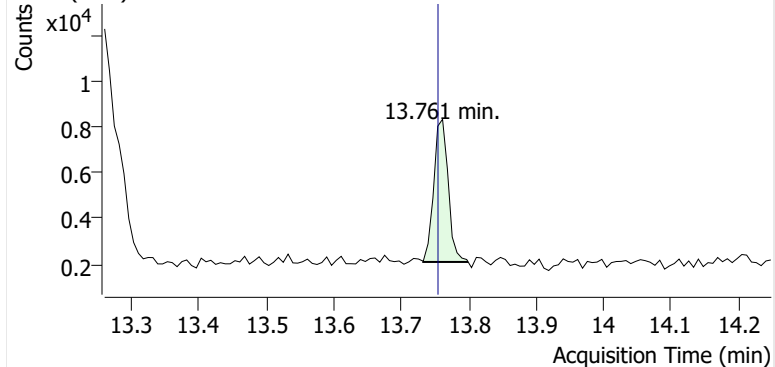


+ Scan (13.227-13.335 min, 15 scans) M2505482.d

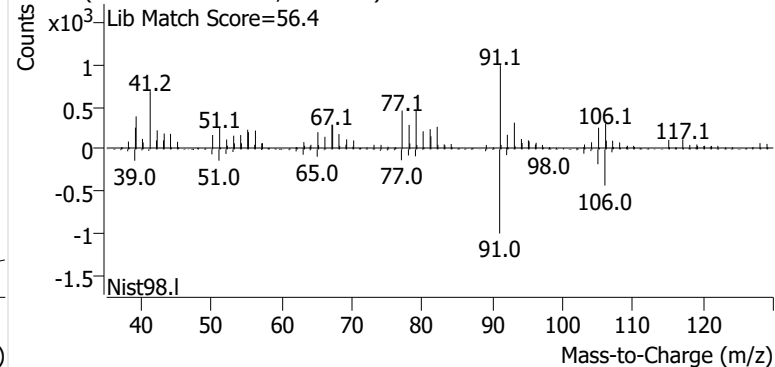


o-Xylene

+ EIC (91.1) Scan M2505482.d

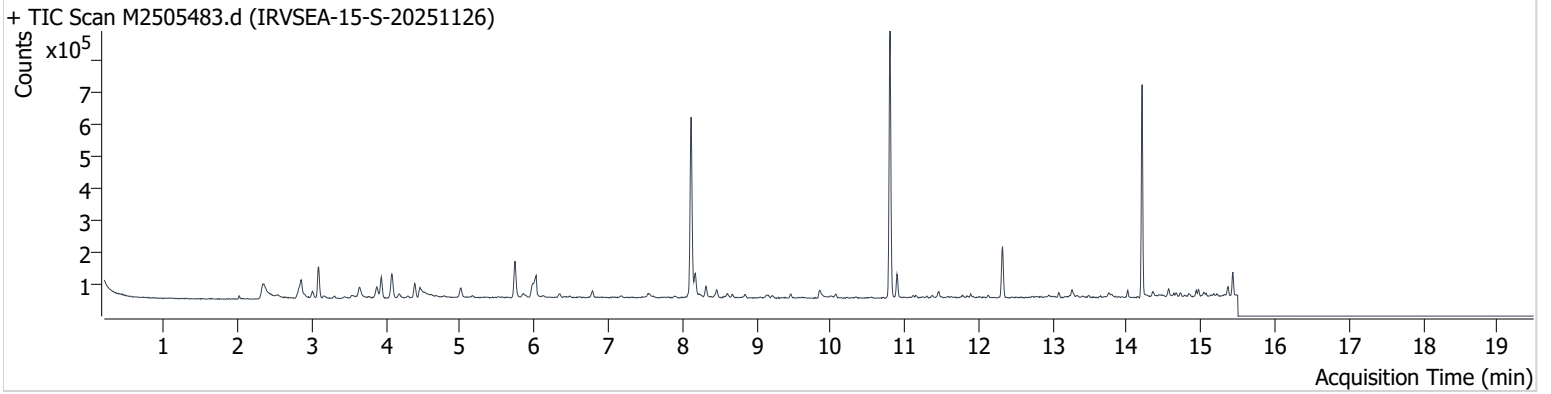


+ Scan (13.732-13.799 min, 10 scans) M2505482.d



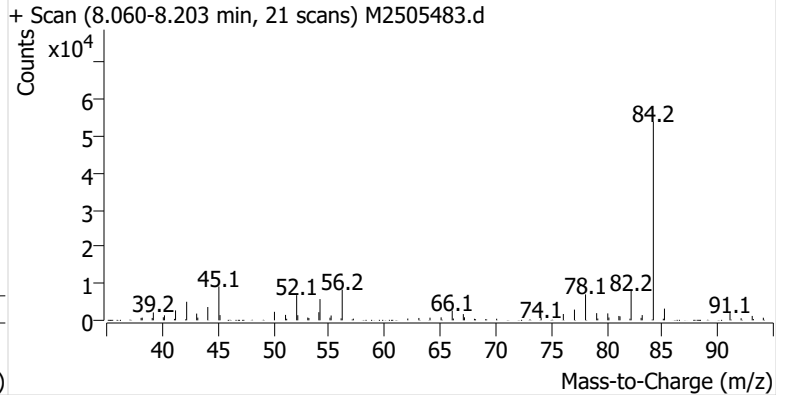
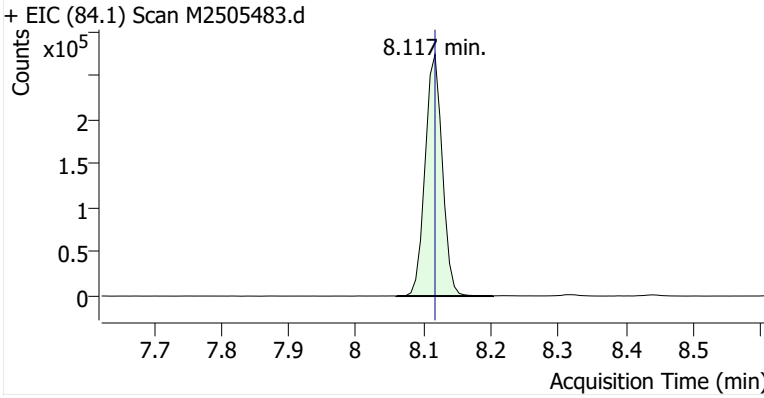
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Comment C71602
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Acq. Date-Time 12/14/2025 9:22:54 AM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

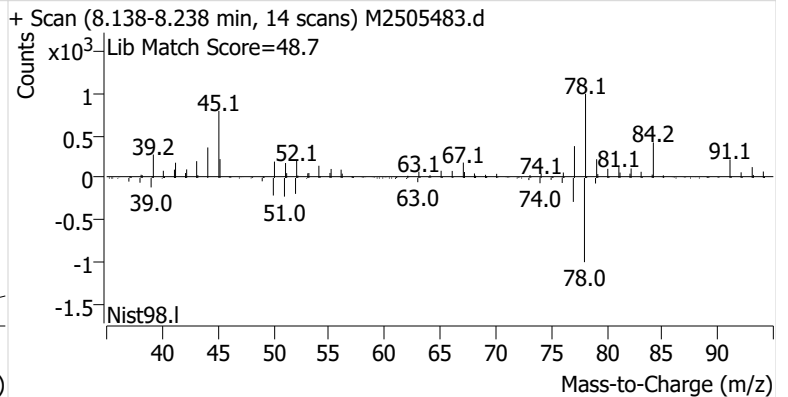
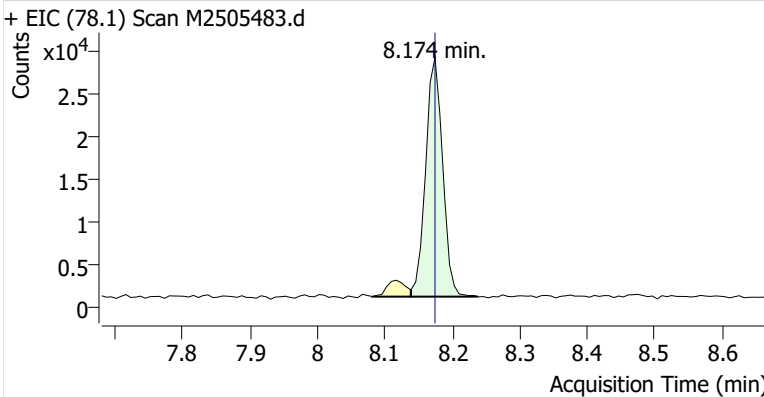


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.117	8.117	485,570	
Benzene	Benzene-d6 (IS)	8.174	8.174	48,725	
Toluene-d8 (IS)		10.803	10.803	520,722	
Toluene	Toluene-d8 (IS)	10.896	10.896	47,517	
Ethylbenzene	Toluene-d8 (IS)	13.081	13.081	9,013	
m-/p-Xylenes	Toluene-d8 (IS)	13.260	13.260	16,762	
o-Xylene	Toluene-d8 (IS)	13.761	13.754	6,753	

Benzene-d6 (IS)

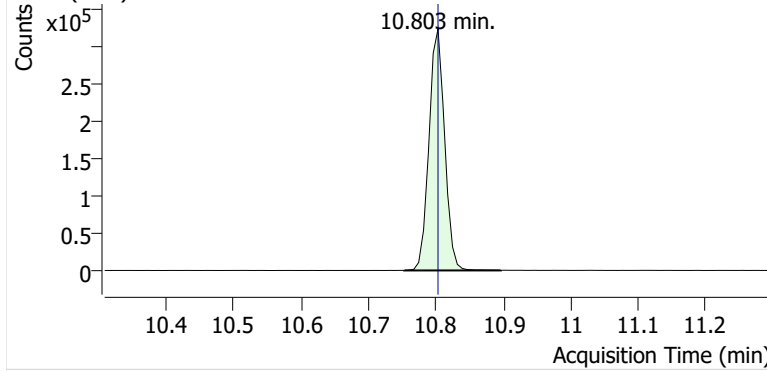


Benzene

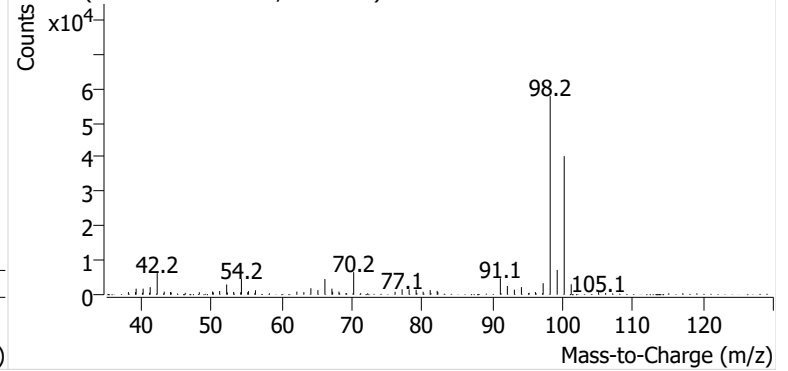


Toluene-d8 (IS)

+ EIC (98.1) Scan M2505483.d

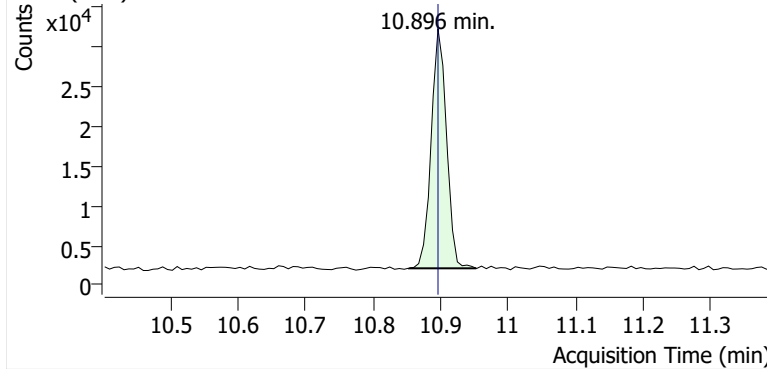


+ Scan (10.753-10.896 min, 21 scans) M2505483.d

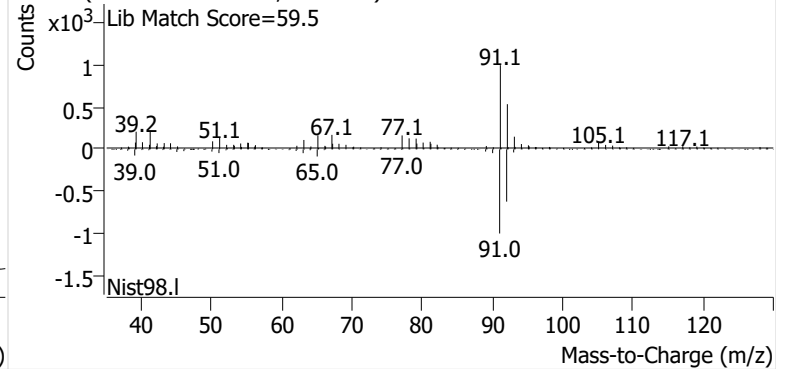


Toluene

+ EIC (91.1) Scan M2505483.d

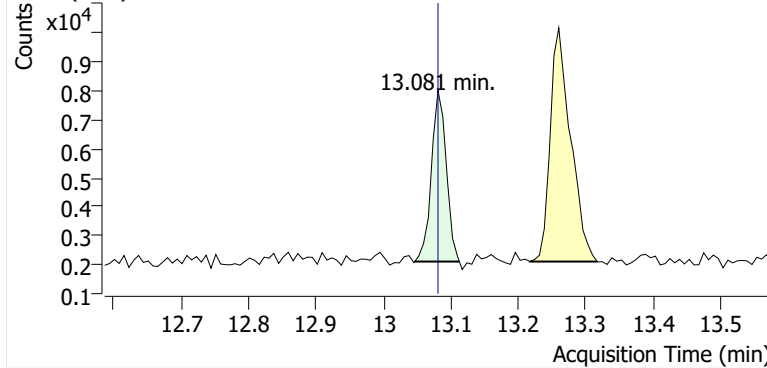


+ Scan (10.853-10.953 min, 14 scans) M2505483.d

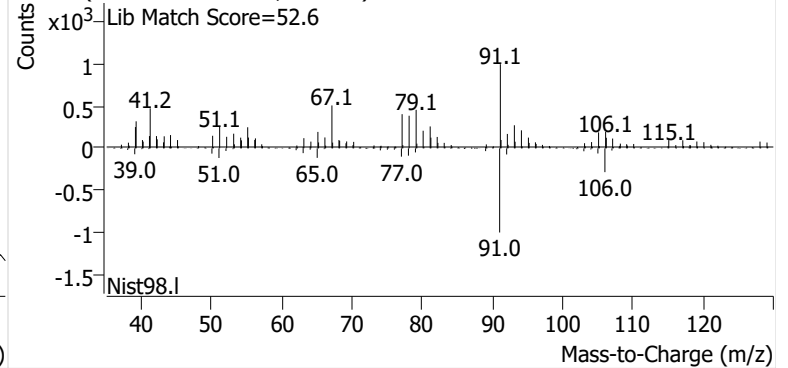


Ethylbenzene

+ EIC (91.1) Scan M2505483.d

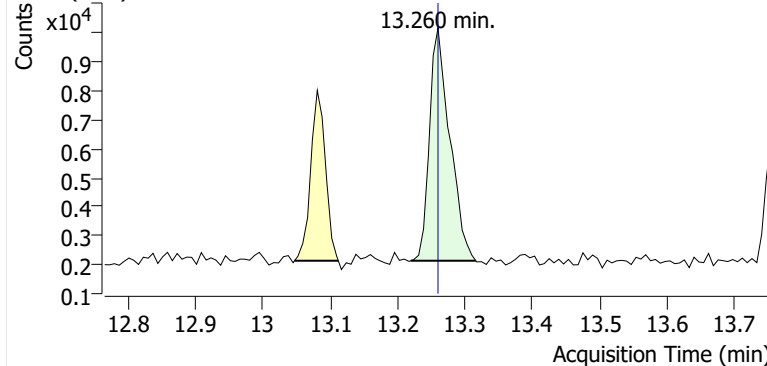


+ Scan (13.046-13.113 min, 9 scans) M2505483.d

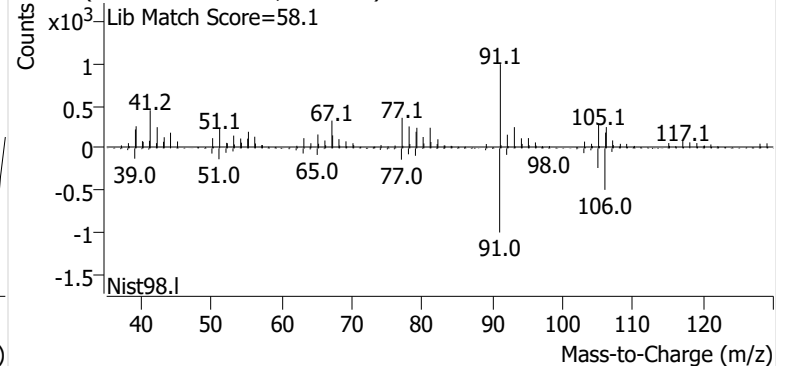


m-/p-Xylenes

+ EIC (91.1) Scan M2505483.d

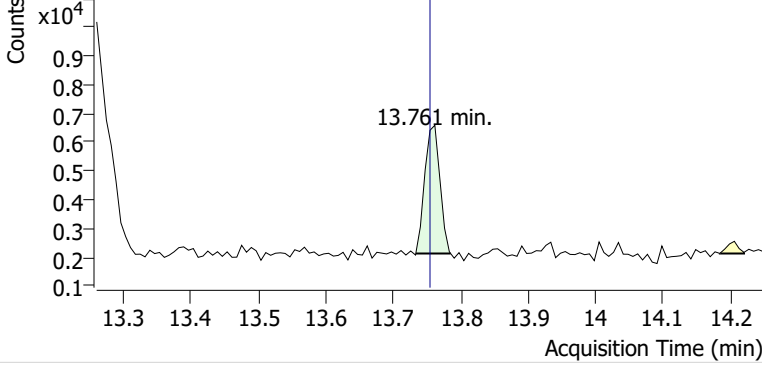


+ Scan (13.219-13.316 min, 13 scans) M2505483.d

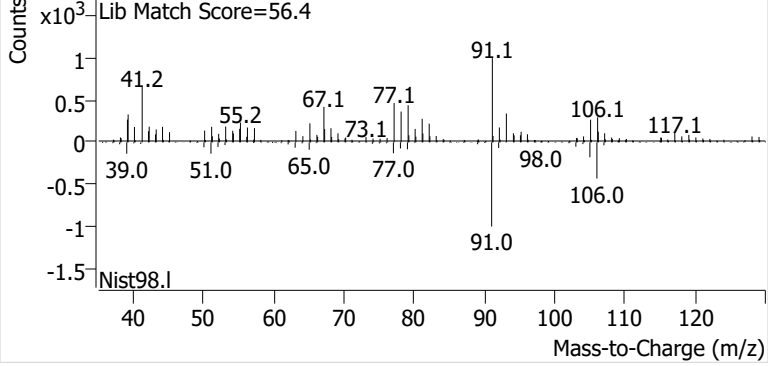


o-Xylene

+ EIC (91.1) Scan M2505483.d

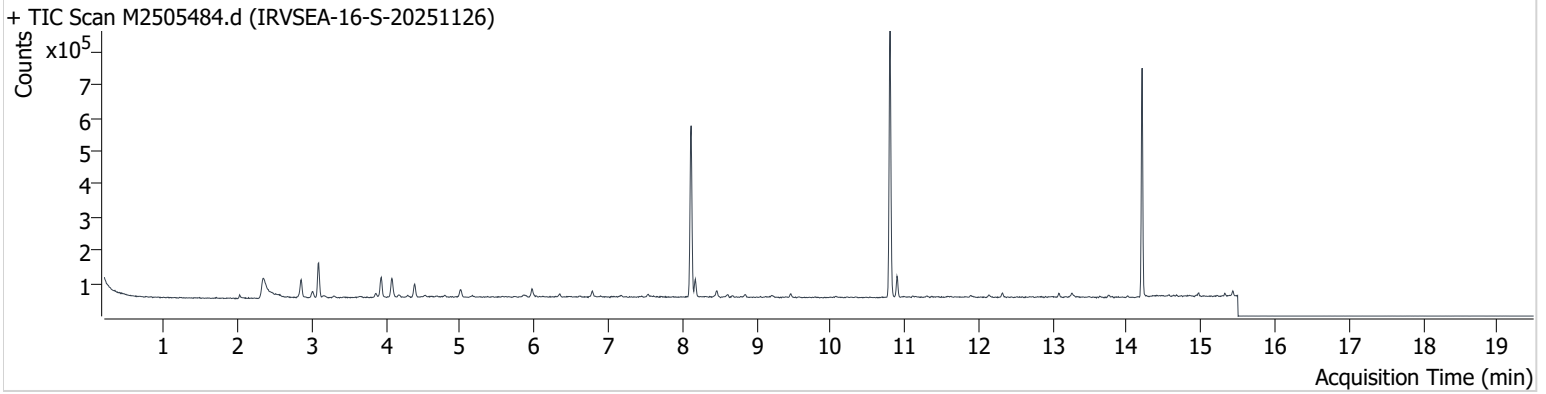


+ Scan (13.733-13.785 min, 7 scans) M2505483.d



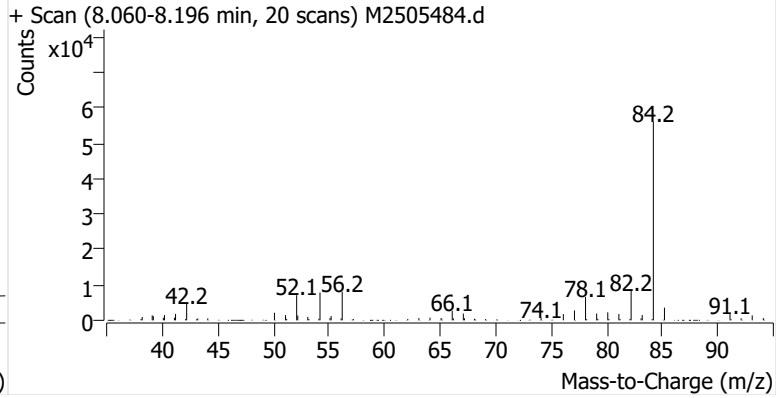
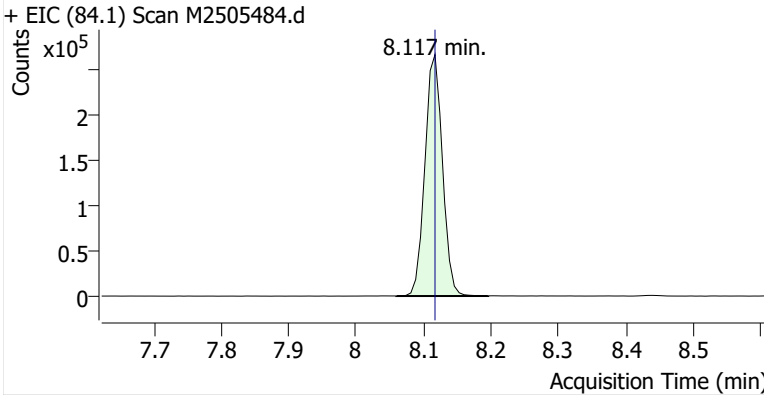
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Comment B34908
Data File M2505484.d
Acq. Date-Time 12/14/2025 9:48:26 AM
Acq. Method File M325B-MTD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

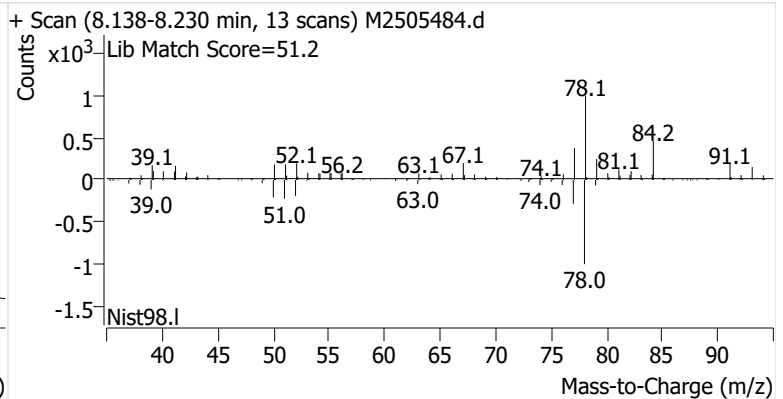
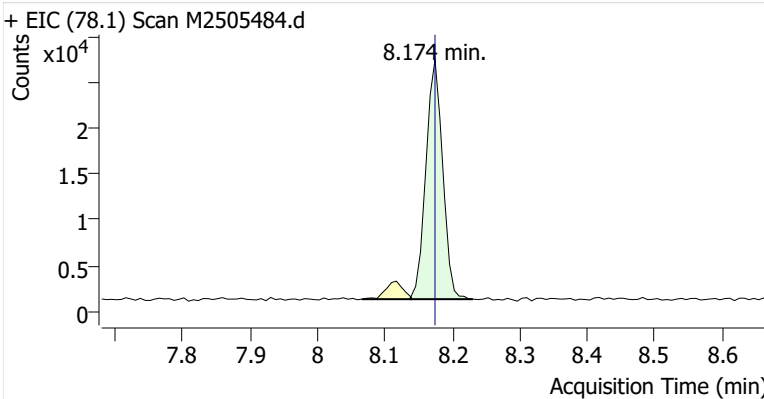


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.117	8.117	482,506	
Benzene	Benzene-d6 (IS)	8.174	8.174	44,996	
Toluene-d8 (IS)		10.803	10.803	512,050	
Toluene	Toluene-d8 (IS)	10.896	10.896	40,644	
Ethylbenzene	Toluene-d8 (IS)	13.088	13.081	7,707	
m-/p-Xylenes	Toluene-d8 (IS)	13.260	13.260	9,304	
o-Xylene	Toluene-d8 (IS)	13.754	13.754	3,832	

Benzene-d6 (IS)

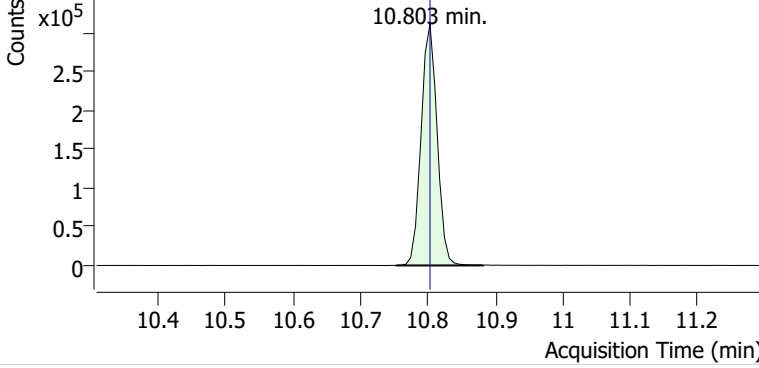


Benzene

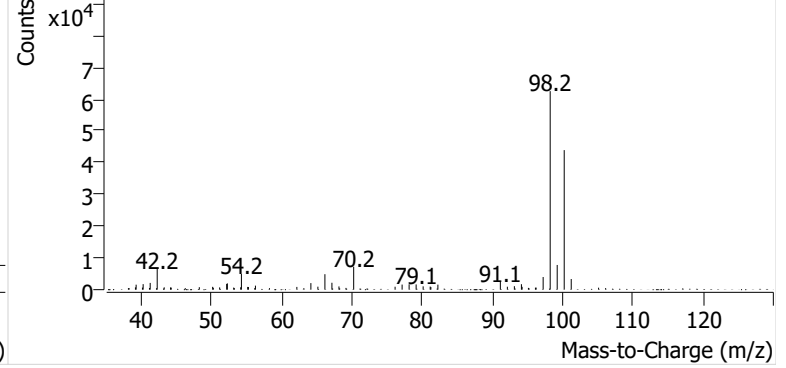


Toluene-d8 (IS)

+ EIC (98.1) Scan M2505484.d

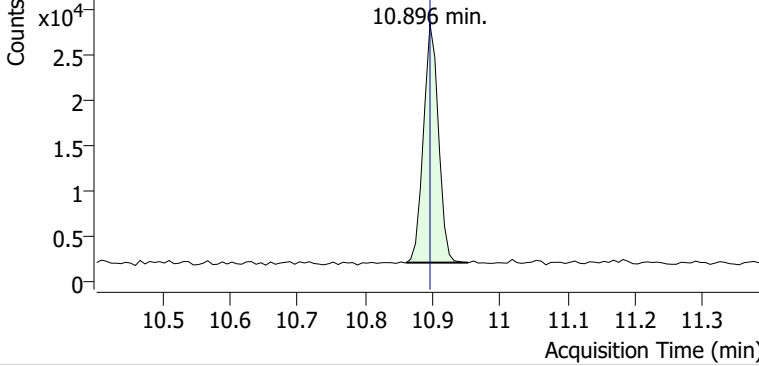


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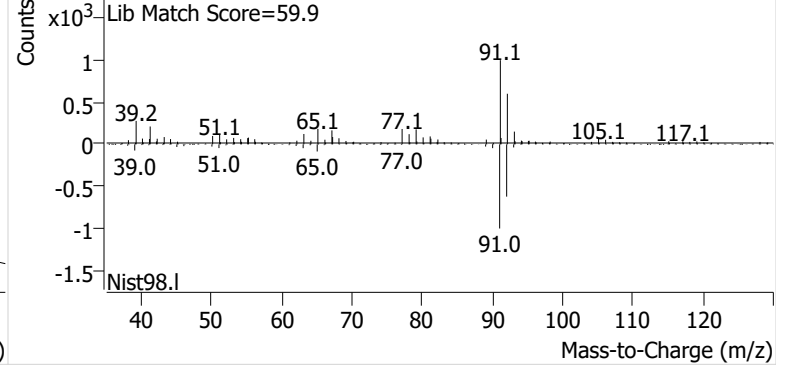


Toluene

+ EIC (91.1) Scan M2505484.d

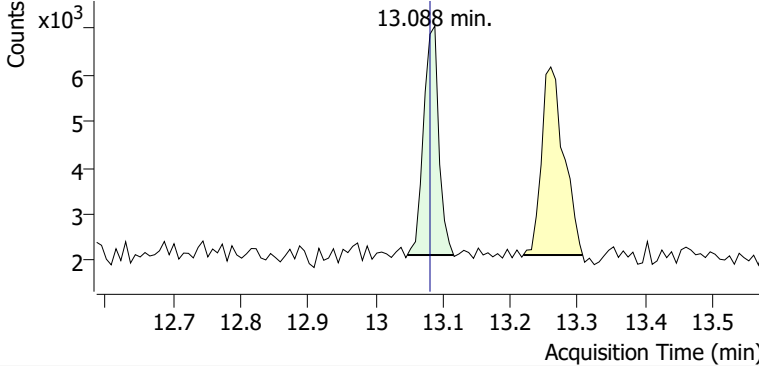


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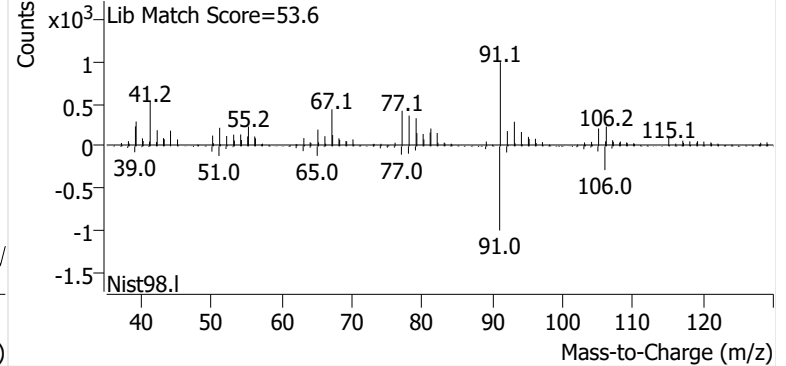


Ethylbenzene

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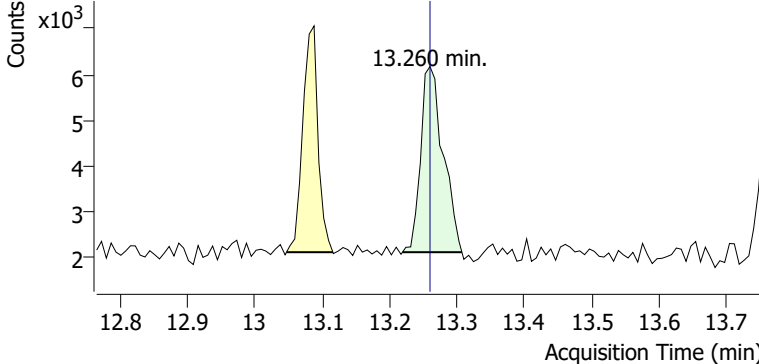


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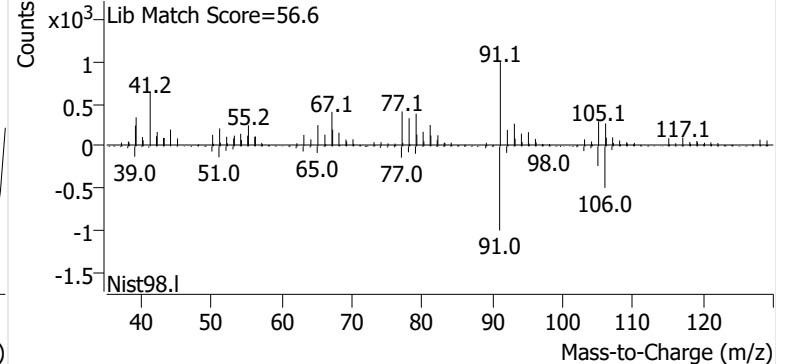


m-/p-Xylenes

+ EIC (91.1) Scan M2505484.d

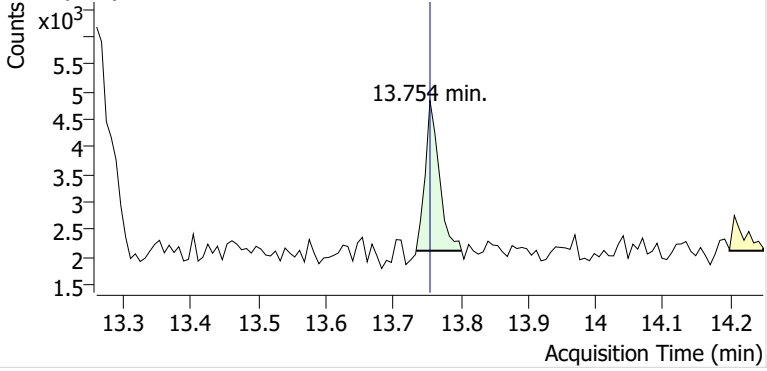


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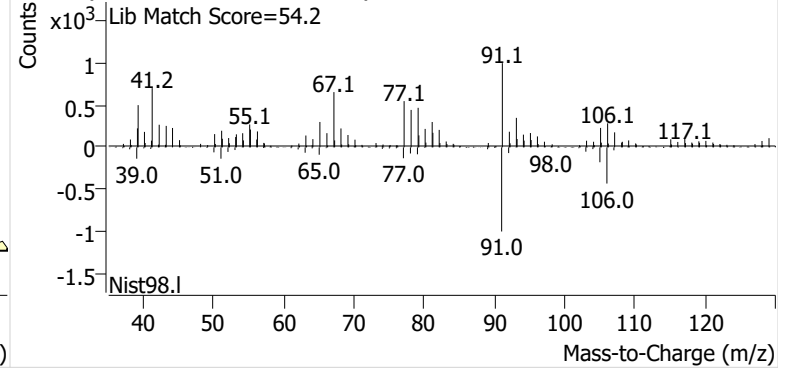


o-Xylene

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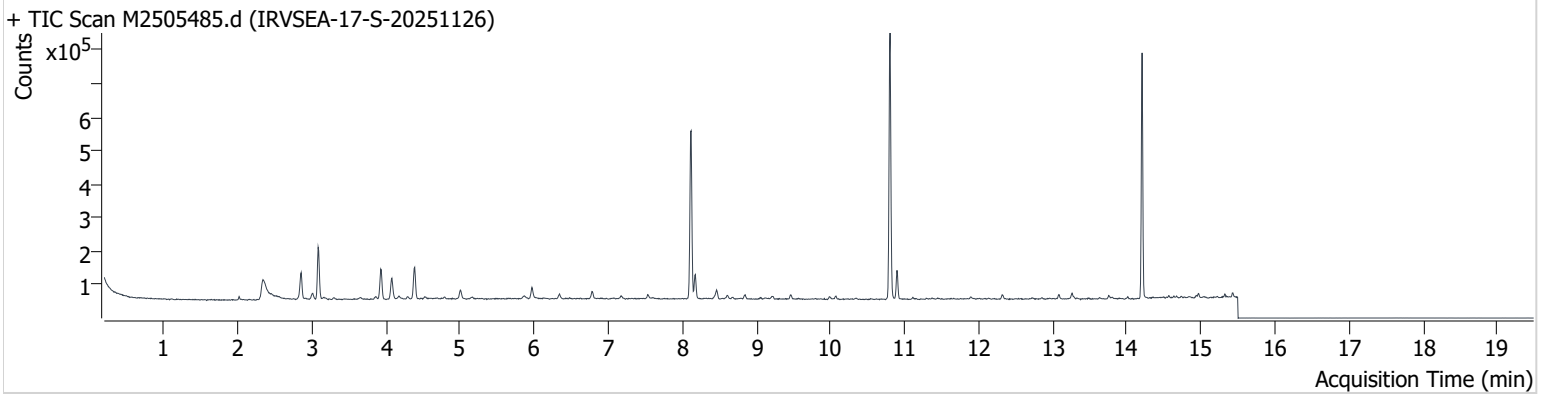


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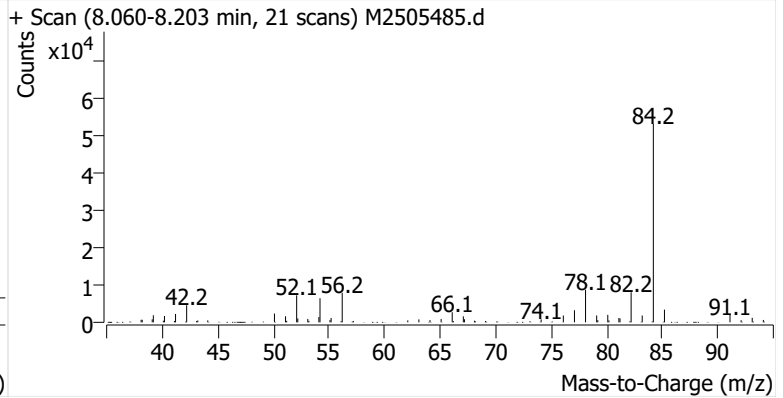
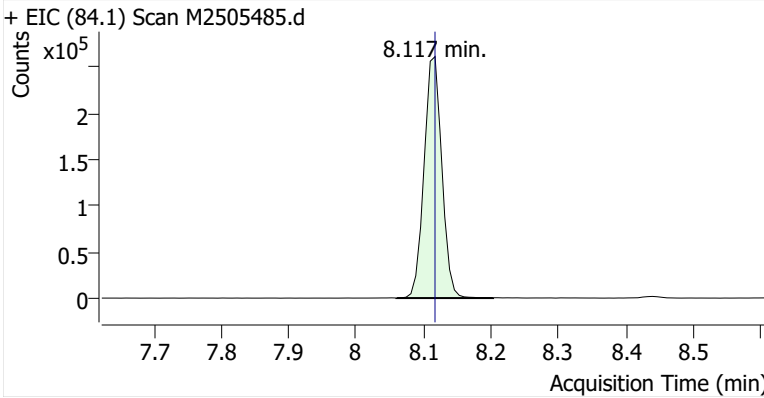
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Acq. Method File M325B-MTD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

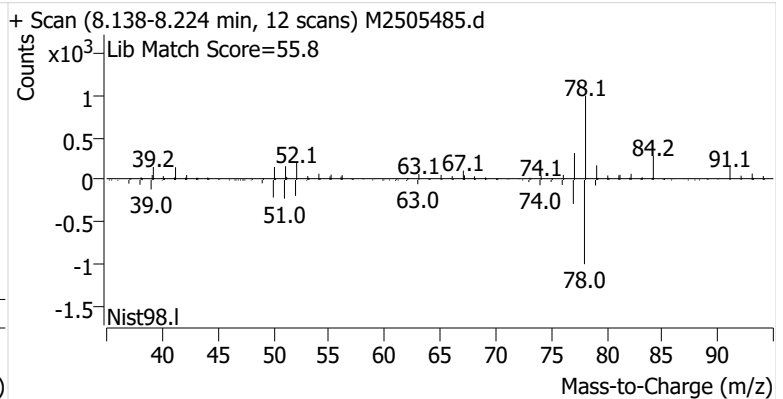
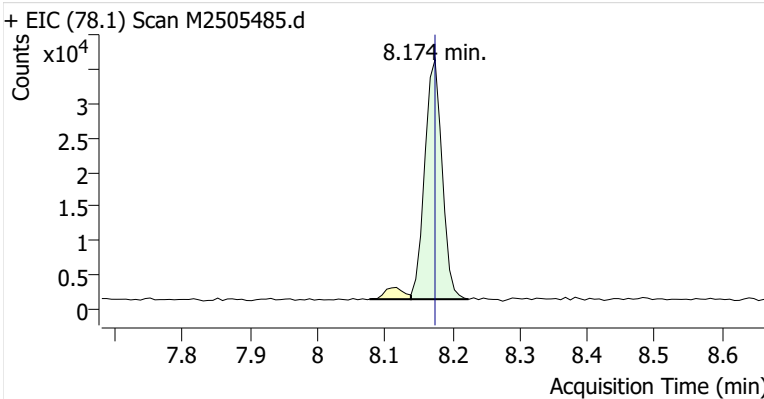


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.117	8.117	478,234	
Benzene	Benzene-d6 (IS)	8.174	8.174	62,931	
Toluene-d8 (IS)		10.803	10.803	504,715	
Toluene	Toluene-d8 (IS)	10.896	10.896	55,765	
Ethylbenzene	Toluene-d8 (IS)	13.081	13.081	8,577	
m-/p-Xylenes	Toluene-d8 (IS)	13.260	13.260	11,444	
o-Xylene	Toluene-d8 (IS)	13.754	13.754	5,317	

Benzene-d6 (IS)

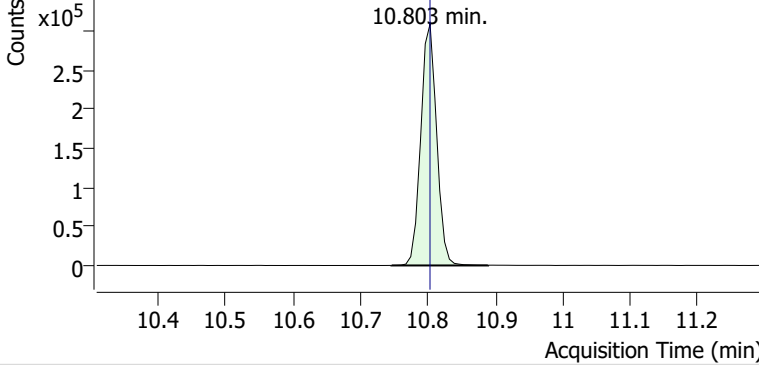


Benzene

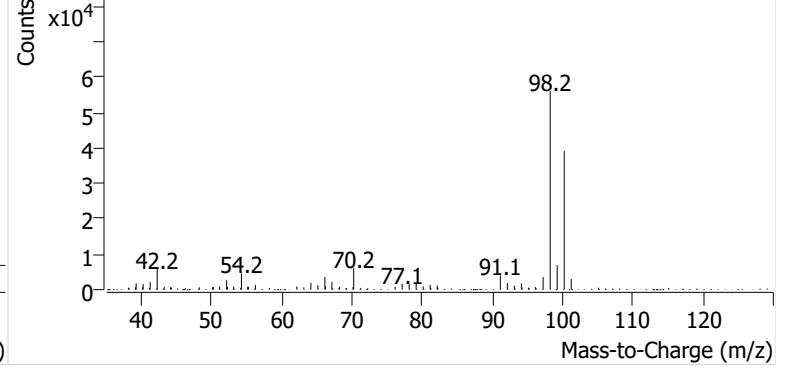


Toluene-d8 (IS)

+ EIC (98.1) Scan M2505485.d

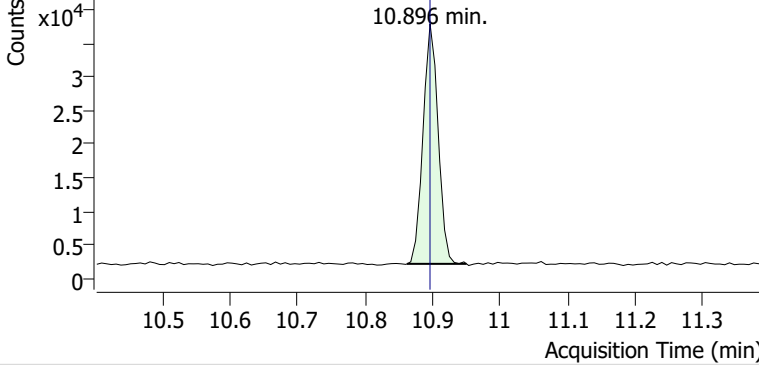


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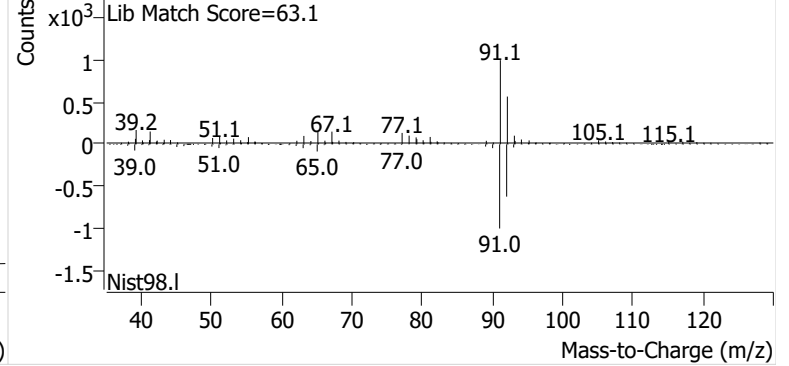


Toluene

+ EIC (91.1) Scan M2505485.d

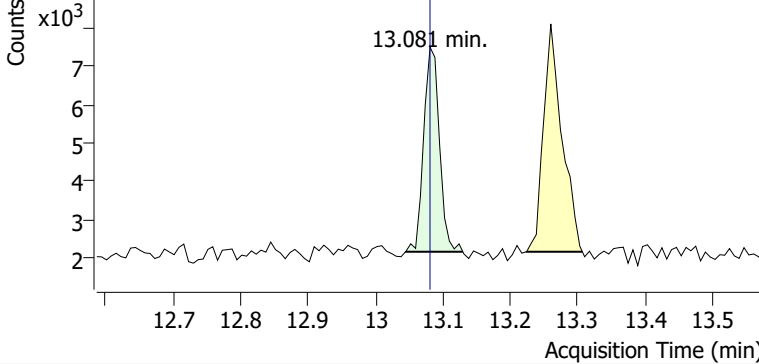


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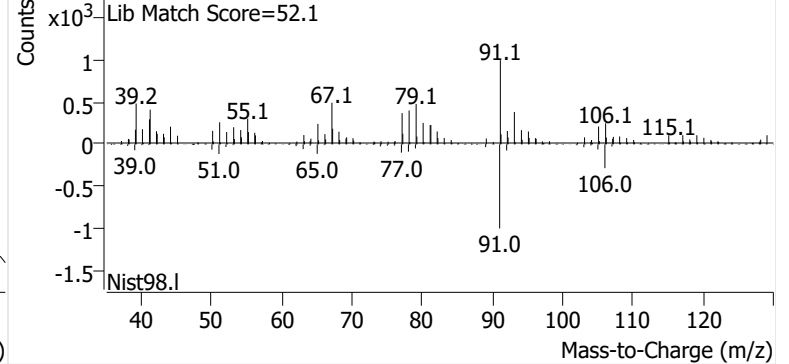


Ethylbenzene

+ EIC (91.1) Scan M2505485.d

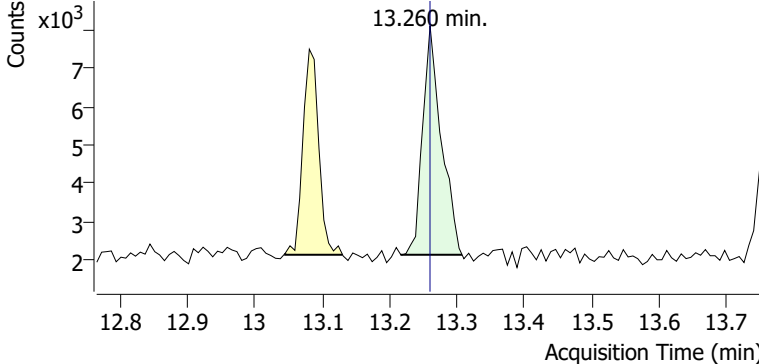


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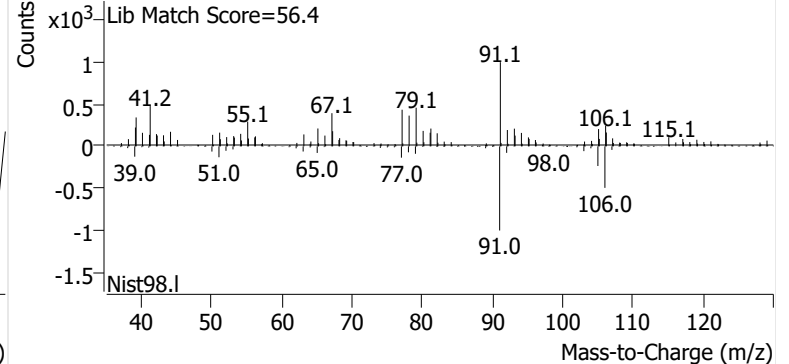


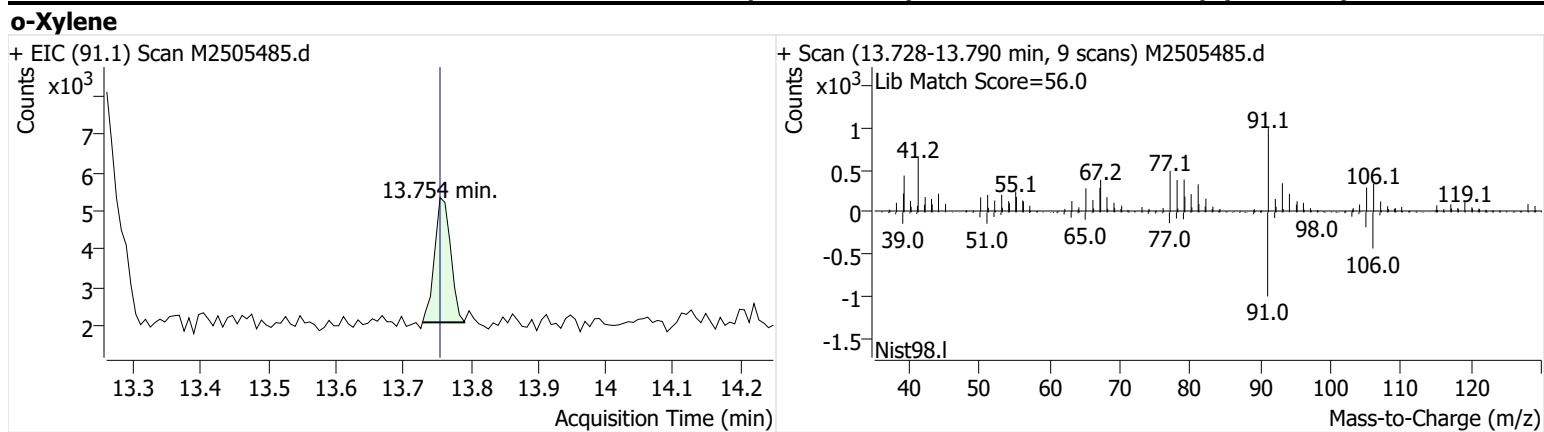
m-/p-Xylenes

+ EIC (91.1) Scan M2505485.d



+ Scan (13.217-13.308 min, 13 scans) M2505485.d





Initial Calibration



Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2025GG405-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
M121225A_CC185154	Benzene	1	M2505427.d	5.96	48515	55.2	513694	0.875	-0.013
M121225A_CC185154	Benzene	2	M2505428.d	11.93	102852	55.2	507404	0.939	0.059
M121225A_CC185154	Benzene	3	M2505429.d	23.85	205678	55.2	504384	0.944	0.065
M121225A_CC185154	Benzene	4	M2505430.d	47.70	404512	55.2	499768	0.937	0.057
M121225A_CC185154	Benzene	5	M2505431.d	119.26	974155	55.2	501096	0.900	0.015
M121225A_CC185154	Benzene	6	M2505432.d	238.51	1820631	55.2	498432	0.846	-0.046
M121225A_CC185154	Benzene	7	M2505433.d	715.53	4983545	55.2	502133	0.766	-0.14
							Avg:	503844	0.887
							%RSD:	1.0%	7.3%
M121225A_CC185154	Toluene	1	M2505427.d	5.24	46763	65.2	535953	1.086	0.017
M121225A_CC185154	Toluene	2	M2505428.d	10.47	97140	65.2	536707	1.126	0.055
M121225A_CC185154	Toluene	3	M2505429.d	20.95	199821	65.2	534549	1.163	0.09
M121225A_CC185154	Toluene	4	M2505430.d	41.90	396271	65.2	530130	1.163	0.089
M121225A_CC185154	Toluene	5	M2505431.d	104.74	904555	65.2	531294	1.059	-0.0074
M121225A_CC185154	Toluene	6	M2505432.d	209.48	1656753	65.2	527287	0.977	-0.084
M121225A_CC185154	Toluene	7	M2505433.d	628.45	4615004	65.2	533815	0.897	-0.16
							Avg:	532819	1.067
							%RSD:	0.6%	9.3%
M121225A_CC185154	Ethylbenzene	1	M2505427.d	5.44	51330	65.2	535953	1.147	-0.066
M121225A_CC185154	Ethylbenzene	2	M2505428.d	10.89	121075	65.2	536707	1.351	0.1
M121225A_CC185154	Ethylbenzene	3	M2505429.d	21.77	240980	65.2	534549	1.349	0.099
M121225A_CC185154	Ethylbenzene	4	M2505430.d	43.54	485510	65.2	530130	1.371	0.12
M121225A_CC185154	Ethylbenzene	5	M2505431.d	108.86	1100323	65.2	531294	1.240	0.0096
M121225A_CC185154	Ethylbenzene	6	M2505432.d	217.72	1988043	65.2	527287	1.129	-0.081
M121225A_CC185154	Ethylbenzene	7	M2505433.d	653.16	5408274	65.2	533815	1.011	-0.18
							Avg:	532819	1.228
							%RSD:	0.6%	11.2%
M121225A_CC185154	m-/p-Xylenes	1	M2505427.d	6.10	46170	65.2	535953	0.920	-0.089
M121225A_CC185154	m-/p-Xylenes	2	M2505428.d	12.20	109700	65.2	536707	1.092	0.08
M121225A_CC185154	m-/p-Xylenes	3	M2505429.d	24.40	218724	65.2	534549	1.093	0.081
M121225A_CC185154	m-/p-Xylenes	4	M2505430.d	48.80	449574	65.2	530130	1.133	0.12
M121225A_CC185154	m-/p-Xylenes	5	M2505431.d	122.00	1017661	65.2	531294	1.023	0.012
M121225A_CC185154	m-/p-Xylenes	6	M2505432.d	244.00	1851661	65.2	527287	0.938	-0.072
M121225A_CC185154	m-/p-Xylenes	7	M2505433.d	732.01	5255310	65.2	533815	0.876	-0.13
							Avg:	532819	1.011
							%RSD:	0.6%	9.9%
M121225A_CC185154	o-Xylene	1	M2505427.d	5.67	42389	65.2	535953	0.909	-0.084
M121225A_CC185154	o-Xylene	2	M2505428.d	11.35	101376	65.2	536707	1.085	0.094
M121225A_CC185154	o-Xylene	3	M2505429.d	22.69	205704	65.2	534549	1.105	0.11

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG405-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
M121225A_CC185154	o-Xylene	4	M2505430.d	45.38	415129	65.2	530130	1.124	0.13
M121225A_CC185154	o-Xylene	5	M2505431.d	113.46	922237	65.2	531294	0.997	0.0055
M121225A_CC185154	o-Xylene	6	M2505432.d	226.92	1641246	65.2	527287	0.894	-0.099
M121225A_CC185154	o-Xylene	7	M2505433.d	680.75	4612723	65.2	533815	0.827	-0.17
							Avg:	532819	0.992
							%RSD:	0.6%	11.8%

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
M121225A_CC185154	Benzene	ICV	M2505434.d	443.46	3122138	55.2	499958	0.778	-12.0%
M121225A_CC185154	Toluene	ICV	M2505434.d	454.10	3319071	65.2	529775	0.899	-16.0%
M121225A_CC185154	Ethylbenzene	ICV	M2505434.d	448.99	3721305	65.2	529775	1.020	-17.0%
M121225A_CC185154	m-/p-Xylenes	ICV	M2505434.d	455.97	3137304	65.2	529775	0.846	-16.0%
M121225A_CC185154	o-Xylene	ICV	M2505434.d	456.85	2995399	65.2	529775	0.807	-19.0%

M325B PDF Report ver.20250917

Sample Custody





EPA Method 325 A/B
Field Test Data Sheet and
Chain of Custody Record

- Standard Turn Around Time (10 business days)
- Rush Turn Around Time
- All TATs Subject to Approval by Enthalpy Analytical, Inc.
- Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

2025GG405 Page # 1 of # 1
2025GG406 Date 12/11

Site Name: Irving Searsport Terminal	Client Name: Montrose Air Quality Services, LLC	PO#:
Site Address: 52 Station Ave.	Project Number: PROJ-050105	Sample Event #
City: Searsport	Project Manager: Sabarish Selvarajan	Sorbent: Carbpak-X
State: Maine	Email Address: sabarishselvarajan@montrose-env.com	
Zip: 04401	Telephone #: 973-722-7895	

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
1	C33432	S	11/26/25	9:15 AM	12/10/25	9:50 AM	KR/SS		
2	C71782	S	11/26/25	9:28 AM	12/10/25	9:53 AM	KR/SS		
2	C71758	D	11/26/25	9:28 AM	12/10/25	9:53 AM	KR/SS		
2	C71520	B	11/26/25	9:28 AM	12/10/25	9:53 AM	KR/SS		
3	B18346	S	11/26/25	9:31 AM	12/10/25	9:55 AM	KR/SS		
4	C71538	S	11/26/25	9:35 AM	12/10/25	9:56 AM	KR/SS		
5	C71549	S	11/26/25	9:46 AM	12/10/25	10:01 AM	KR/SS		
6	C56893	S	11/26/25	9:55 AM	12/10/25	10:08 AM	KR/SS		
7	C38853	S	11/26/25	9:56 AM	12/10/25	10:13 AM	KR/SS		
8	C71510	S	11/26/25	10:00 AM	12/10/25	10:15 AM	KR/SS		
8	C73580	D	11/26/25	10:00 AM	12/10/25	10:15 AM	KR/SS		
8	C38869	B	11/26/25	10:00 AM	12/10/25	10:15 AM	KR/SS		
9	C71630	S	11/26/25	10:02 AM	12/10/25	10:21 AM	KR/SS		
10	C67404	S	11/26/25	10:04 AM	12/10/25	10:28 AM	KR/SS		
11	C70520	S	11/26/25	10:09 AM	12/10/25	10:31 AM	KR/SS		
12	B18319	S	11/26/25	10:12 AM	12/10/25	10:38 AM	KR/SS		
13	B46223	S	11/26/25	10:15 AM	12/10/25	10:40 AM	KR/SS		
14	C71523	S	11/26/25	10:17 AM	12/10/25	10:44 AM	KR/SS		
15	C71602	S	11/26/25	10:56 AM	12/10/25	11:15 AM	KR/SS		
16	B34908	S	11/26/25	11:08 AM	12/10/25	11:22 AM	KR/SS		
17	C00644	S	11/26/25	11:15 AM	12/10/25	11:26 AM	KR/SS		

Relinquished By (printed): Sabarish Selvarajan		Relinquished By (signature): SS		Relinquished Date: 12/10/2025	Relinquished Time: 17:00
Received By (printed): David Taylor		Received By (signature): <i>[Signature]</i>		Receipt Date: 12/11/25	Receipt Time: 1:09 PM
Sample Condition Upon Receipt: Good		Compound List:		Custody Seal intact? Y/N: Y	Delivery tracking #
Temp: 16.7	Blank Temp: F1064			Add Custody Seal # below: 25D06035	

**This Is The Last Page
Of This Report.**



Irving Oil – Searsport

52 Station Ave
Searsport, ME 04974

Sampling Event 33 Irving Oil - Searsport

Client Project# PROJ-050105
Samples Received: 12/24/2025

Analytical Report 2025GG406

EPA Method 325B Analysis

Report Issue Date: 1/6/2026

I certify that to the best of my knowledge all analytical data presented in this report have been checked for completeness, accuracy, errors and legibility in addition to having been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s). This report shall not be reproduced except in full without approval of the laboratory. This will provide assurance that parts of the report are not taken out of context.

Amendment(s):

Signature:



QA Review by Isabel Obando Marrero, Data Reviewer



Matt Cavanaugh
Matthew.Cavanaugh@enthalpy.com / www.enthalpy.com
O: (919) 850-4392
Enthalpy Analytical
800 Capitola Drive Suite 1 Durham, NC 27713

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Case Narrative	3
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Summary of Results	7
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Chromatograms	15
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Sample Custody	85
Chain of Custody	86

Narrative Summary



Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Job No.	2025GG406-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

1. Custody

The samples were received at Enthalpy Analytical on December 24, 2025 at 19.8 °C. The samples were received in good condition. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, LLC

Table 1 - Sample Inventory

Sample ID	Tube ID	Sample Type
IRVSEA-1-S-20251210	C69559	Sample
IRVSEA-2-S-20251210	C70079	Sample
IRVSEA-2-D-20251210	B52927	Duplicate
IRVSEA-2-B-20251210	C36934	Blank
IRVSEA-3-S-20251210	C39201	Sample
IRVSEA-4-S-20251210	B43043	Sample
IRVSEA-5-S-20251210	C60250	Sample
IRVSEA-6-S-20251210	B40160	Sample
IRVSEA-7-S-20251210	B47063	Sample
IRVSEA-8-S-20251210	C55362	Sample
IRVSEA-8-D-20251210	C34288	Duplicate
IRVSEA-8-B-20251210	C24252	Blank
IRVSEA-9-S-20251210	B52713	Sample
IRVSEA-10-S-20251210	C20399	Sample
IRVSEA-11-S-20251210	C24237	Sample
IRVSEA-12-S-20251210	B42369	Sample
IRVSEA-13-S-20251210	C37473	Sample
IRVSEA-14-S-20251210	B15717	Sample
IRVSEA-15-S-20251210	B17545	Sample
IRVSEA-16-S-20251210	C57648	Sample
IRVSEA-17-S-20251210	C57681	Sample

2. Analysis

The samples were analyzed for Benzene, Toluene, Ethylbenzene, m-/p-Xylenes, and o-Xylene using EPA Method 325B – Volatile Organic Compounds from Fugitive and Area Sources by Thermal Desorption and GC/MS. A copy of the acquisition method M325B-MTD is not included in this report but may be available upon request.

The sample tube media used for this sampling period was CarbopackX. All calibration standards and laboratory QC were prepared using the same media.

Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Job No.	2025GG406-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

3. Calibration

All BFB tune criteria have been met for this analysis.

The initial calibration (F121725A_CC185154) met all 30% RSD criteria. The initial calibration verification met $\pm 30\%$ recovery criteria. The continuing calibration verifications met 30% difference criteria. The initial and continuing calibration raw data are not included in this report but are available upon request.

5. QC Notes

All quality control criteria required by the method and/or the laboratory SOP have been met unless noted otherwise below.

The primary sample IRVSEA-2-S-20251210 (tube ID C70079) and its corresponding duplicate IRVSEA-2-D-20251210 (tube ID B52927) failed to meet the 30% difference criterion for Benzene, m-/p-Xylenes, and Toluene as specified by the method. All samples in the data set have been flagged "P" for Benzene, m-/p-Xylenes, and Toluene to denote this failure.

The primary sample IRVSEA-2-S-20251210 (tube ID C70079) and its corresponding duplicate IRVSEA-2-D-20251210 (tube ID B52927) also failed to meet the 30% difference criterion for Ethylbenzene and o-Xylene as specified by the method. However, the concentrations of the analyte in both the sample and the duplicate were less than two times the reporting limit of the instrument's calibration curve. Therefore, the percent difference observed may not suggest the data set has been negatively affected. All samples in the data set have been flagged "Pc" for Ethylbenzene and o-Xylene to denote this failure.

6. Reporting Notes

All tubes used for this sampling period met the method criteria for number of uses; no tube exceeded 50 field uses.

As specified in EPA Method 325B, the response factor of the daily continuing calibration standard was used to quantitate all field samples and blanks.

All samples were reported as amount in ng catch, and concentration in $\mu\text{g}/\text{m}^3$ and ppbv.

The results presented in this report are representative of the samples as provided to the laboratory. These analyses met the requirements of the TNI Standard. Any deviations from the requirements of the reference method or TNI Standard have been stated above.

Enthalpy Analytical, located at 800 Capitola Drive, Suite 1, Durham NC, 27713 is accredited by the Louisiana Department of Environmental Quality (LDEQ) for EPA Method 325B for all analytes included in this report under **Certificate Number 04010**.

Results

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG406-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Summary

Sample Code	Tube ID	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
		(ug/m ³)	Flag	(ug/m ³)	Flag	(ug/m ³)	Flag	(ug/m ³)	Flag	(ug/m ³)	Flag
IRVSEA-1-S-20251210	C69559	0.538	P	1.00	P	0.304	ND,Pc	0.636	J,P	0.304	ND,Pc
IRVSEA-2-S-20251210	C70079	1.20	P	2.65	P	0.535	J,Pc	1.75	P	0.710	Pc
IRVSEA-2-D-20251210	B52927	0.583	P	1.23	P	0.304	ND,Pc	0.585	J,P	0.304	ND,Pc
IRVSEA-2-B-20251210	C36934	0.209	ND,P	0.269	ND,P	0.304	ND,Pc	0.304	ND,P	0.304	ND,Pc
IRVSEA-3-S-20251210	C39201	0.674	P	1.75	P	0.336	J,Pc	0.952	P	0.372	J,Pc
IRVSEA-4-S-20251210	B43043	0.788	P	2.65	P	0.503	J,Pc	1.54	P	0.617	J,Pc
IRVSEA-5-S-20251210	C60250	0.798	P	2.60	P	0.527	J,Pc	1.85	P	0.692	Pc
IRVSEA-6-S-20251210	B40160	0.697	P	2.21	P	0.435	J,Pc	1.28	P	0.498	J,Pc
IRVSEA-7-S-20251210	B47063	1.29	P	5.02	P	0.997	Pc	3.36	P	1.26	Pc
IRVSEA-8-S-20251210	C55362	1.27	P	5.73	P	1.22	Pc	4.67	P	1.79	Pc
IRVSEA-8-D-20251210	C34288	1.31	P	5.88	P	1.23	Pc	4.18	P	1.61	Pc
IRVSEA-8-B-20251210	C24252	0.209	ND,P	0.269	ND,P	0.304	ND,Pc	0.304	ND,P	0.304	ND,Pc
IRVSEA-9-S-20251210	B52713	0.670	P	1.62	P	0.309	J,Pc	0.900	P	0.360	J,Pc
IRVSEA-10-S-20251210	C20399	0.690	P	2.04	P	0.404	J,Pc	1.19	P	0.468	J,Pc
IRVSEA-11-S-20251210	C24237	0.626	P	1.85	P	0.350	J,Pc	1.22	P	0.478	J,Pc
IRVSEA-12-S-20251210	B42369	0.539	P	1.26	P	0.304	ND,Pc	0.688	J,P	0.304	ND,Pc
IRVSEA-13-S-20251210	C37473	0.515	P	0.957	P	0.304	ND,Pc	0.457	J,P	0.304	ND,Pc
IRVSEA-14-S-20251210	B15717	0.598	P	0.839	P	0.304	ND,Pc	0.304	ND,P	0.304	ND,Pc
IRVSEA-15-S-20251210	B17545	0.458	J,P	0.462	J,P	0.305	ND,Pc	0.305	ND,P	0.305	ND,Pc
IRVSEA-16-S-20251210	C57648	0.354	J,P	0.385	J,P	0.305	ND,Pc	0.305	ND,P	0.305	ND,Pc
IRVSEA-17-S-20251210	C57681	0.423	J,P	0.463	J,P	0.305	ND,Pc	0.305	ND,P	0.305	ND,Pc

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit

ND: The analyte was not present above the Method Detection Limit

P: Field duplicate(s) exceed 30%RPD

Pc: Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2025GG406-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20251210	C69559	0.538	0.169	6.44	27.2	0.638	18757	0.209	0.498	0.0654	0.156	P	F2508336.D	2025-12-25 08:30	0.963	7.944	64283	583368	56.3	7.883	9.6%
IRVSEA-2-S-20251210	C70079	1.20	0.376	14.4	27.2	0.638	18756	0.209	0.498	0.0654	0.156	P	F2508337.D	2025-12-25 08:56	0.963	7.944	141200	574276	56.3	7.883	7.9%
IRVSEA-2-D-20251210	B52927	0.583	0.183	6.98	27.2	0.638	18756	0.209	0.498	0.0654	0.156	P	F2508338.D	2025-12-25 09:21	0.963	7.945	69594	582927	56.3	7.883	9.5%
IRVSEA-2-B-20251210	C36934	0.209	0.0654		27.2	0.638	18756	0.209	0.498	0.0654	0.156	ND,P	F2508335.D	2025-12-25 08:04	0.963	7.944	4741	580503	56.3	7.883	9.0%
IRVSEA-3-S-20251210	C39201	0.674	0.211	8.07	27.2	0.638	18759	0.209	0.498	0.0654	0.156	P	F2508339.D	2025-12-25 09:46	0.963	7.945	80152	580913	56.3	7.890	9.1%
IRVSEA-4-S-20251210	B43043	0.788	0.247	9.44	27.2	0.638	18759	0.209	0.498	0.0654	0.156	P	F2508340.D	2025-12-25 10:12	0.963	7.944	93162	577363	56.3	7.883	8.4%
IRVSEA-5-S-20251210	C60250	0.798	0.250	9.55	27.2	0.638	18756	0.209	0.498	0.0654	0.156	P	F2508341.D	2025-12-25 10:37	0.963	7.944	93847	574736	56.3	7.889	7.9%
IRVSEA-6-S-20251210	B40160	0.697	0.218	8.34	27.2	0.638	18752	0.209	0.498	0.0654	0.156	P	F2508342.D	2025-12-25 11:03	0.963	7.944	82671	580041	56.3	7.889	8.9%
IRVSEA-7-S-20251210	B47063	1.29	0.406	15.5	27.2	0.638	18749	0.209	0.498	0.0654	0.156	P	F2508343.D	2025-12-25 11:28	0.963	7.945	152159	574423	56.3	7.889	7.9%
IRVSEA-8-S-20251210	C55362	1.27	0.397	15.2	27.2	0.638	18750	0.209	0.498	0.0654	0.156	P	F2508344.D	2025-12-25 11:53	0.963	7.945	150703	581374	56.3	7.890	9.2%
IRVSEA-8-D-20251210	C34288	1.31	0.412	15.7	27.2	0.638	18750	0.209	0.498	0.0654	0.156	P	F2508345.D	2025-12-25 12:19	0.963	7.945	155828	579375	56.3	7.890	8.8%
IRVSEA-8-B-20251210	C24252	0.209	0.0654		27.2	0.638	18750	0.209	0.498	0.0654	0.156	ND,P	F2508346.D	2025-12-25 12:45	0.963	7.944	3303	580971	56.3	7.883	9.1%
IRVSEA-9-S-20251210	B52713	0.670	0.210	8.02	27.2	0.638	18750	0.209	0.498	0.0654	0.156	P	F2508348.D	2025-12-25 13:35	0.963	7.945	80227	585198	56.3	7.883	9.9%
IRVSEA-10-S-20251210	C20399	0.690	0.216	8.24	27.2	0.638	18697	0.210	0.500	0.0656	0.157	P	F2508349.D	2025-12-25 14:00	0.963	7.945	81698	580198	56.3	7.890	9.0%
IRVSEA-11-S-20251210	C24237	0.626	0.196	7.49	27.2	0.638	18744	0.209	0.498	0.0655	0.156	P	F2508350.D	2025-12-25 14:25	0.963	7.944	74054	578265	56.3	7.883	8.6%
IRVSEA-12-S-20251210	B42369	0.539	0.169	6.44	27.2	0.638	18744	0.209	0.498	0.0655	0.156	P	F2508351.D	2025-12-25 14:51	0.963	7.944	64313	583800	56.3	7.883	9.7%
IRVSEA-13-S-20251210	C37473	0.515	0.161	6.16	27.2	0.638	18744	0.209	0.498	0.0655	0.156	P	F2508352.D	2025-12-25 15:16	0.963	7.945	61472	584038	56.3	7.883	9.7%
IRVSEA-14-S-20251210	B15717	0.598	0.187	7.15	27.2	0.638	18743	0.209	0.499	0.0655	0.156	P	F2508353.D	2025-12-25 15:42	0.963	7.945	71882	587857	56.3	7.883	10.4%
IRVSEA-15-S-20251210	B17545	0.458	0.143	5.47	27.2	0.638	18723	0.209	0.499	0.0655	0.156	J,P	F2508354.D	2025-12-25 16:07	0.963	7.945	54984	588074	56.3	7.883	10.5%
IRVSEA-16-S-20251210	C57648	0.354	0.111	4.23	27.2	0.638	18718	0.209	0.499	0.0656	0.156	J,P	F2508355.D	2025-12-25 16:32	0.963	7.945	42239	583856	56.3	7.883	9.7%
IRVSEA-17-S-20251210	C57681	0.423	0.133	5.05	27.2	0.638	18717	0.209	0.499	0.0656	0.156	J,P	F2508356.D	2025-12-25 16:58	0.963	7.945	51423	594981	56.3	7.889	11.8%

Toluene

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20251210	C69559	1.00	0.266	9.30	27.2	0.495	18757	0.269	0.564	0.0715	0.150	P	F2508336.D	2025-12-25 08:30	1.085	10.667	101358	663572	66.1	10.569	7.5%
IRVSEA-2-S-20251210	C70079	2.65	0.704	24.6	27.2	0.495	18756	0.269	0.564	0.0715	0.150	P	F2508337.D	2025-12-25 08:56	1.085	10.667	267594	661290	66.1	10.569	7.1%
IRVSEA-2-D-20251210	B52927	1.23	0.327	11.4	27.2	0.495	18756	0.269	0.564	0.0715	0.150	P	F2508338.D	2025-12-25 09:21	1.085	10.667	125034	664793	66.1	10.569	7.7%
IRVSEA-2-B-20251210	C36934	0.269	0.0715		27.2	0.495	18756	0.269	0.564	0.0715	0.150	ND,P	F2508335.D	2025-12-25 08:04	1.085	10.667	8238	673913	66.1	10.575	9.1%
IRVSEA-3-S-20251210	C39201	1.75	0.465	16.3	27.2	0.495	18759	0.269	0.564	0.0714	0.150	P	F2508339.D	2025-12-25 09:46	1.085	10.667	177652	665088	66.1	10.569	7.7%
IRVSEA-4-S-20251210	B43043	2.65	0.704	24.6	27.2	0.495	18759	0.269	0.564	0.0714	0.150	P	F2508340.D	2025-12-25 10:12	1.085	10.667	270772	669149	66.1	10.569	8.4%
IRVSEA-5-S-20251210	C60250	2.60	0.690	24.1	27.2	0.495	18756	0.269	0.564	0.0715	0.150	P	F2508341.D	2025-12-25 10:37	1.085	10.667	263974	665450	66.1	10.569	7.8%
IRVSEA-6-S-20251210	B40160	2.21	0.587	20.5	27.2	0.495	18752	0.269	0.564	0.0715	0.150	P	F2508342.D	2025-12-25 11:03	1.085	10.667	225515	668634	66.1	10.569	8.3%
IRVSEA-7-S-20251210	B47063	5.02	1.33	46.6	27.2	0.495	18749	0.269	0.564	0.0715	0.150	P	F2508343.D	2025-12-25 11:28	1.085	10.667	509111	664911	66.1	10.569	7.7%
IRVSEA-8-S-20251210	C55362	5.73	1.52	53.2	27.2	0.495	18750	0.269	0.564	0.0715	0.150	P	F2508344.D	2025-12-25 11:53	1.085	10.667	577293	660174	66.1	10.569	6.9%
IRVSEA-8-D-20251210	C34288	5.88	1.56	54.6	27.2	0.495	18750	0.269	0.564	0.0715	0.150	P	F2508345.D	2025-12-25 12:19	1.085	10.667	621939	693115	66.1	10.575	12.3%
IRVSEA-8-B-20251210	C24252	0.269	0.0715		27.2	0.495	18750	0.269	0.564	0.0715	0.150	ND,P	F2508346.D	2025-12-25 12:45	1.085	10.673	5721	653270	66.1	10.575	5.8%
IRVSEA-9-S-20251210	B52713	1.62	0.431	15.1	27.2	0.495	18750	0.269	0.564	0.0715	0.150	P	F2508348.D	2025-12-25 13:35	1.085	10.661	164909	665705	66.1	10.569	7.8%
IRVSEA-10-S-20251210	C20399	2.04	0.542	18.9	27.2	0.495	18697	0.270	0.566	0.0717	0.150	P	F2508349.D	2025-12-25 14:00	1.085	10.667	205150	661096	66.1	10.569	7.1%
IRVSEA-11-S-20251210	C24237	1.85	0.492	17.2	27.2	0.495	18744	0.269	0.564	0.0715	0.150	P	F2508350.D	2025-12-25 14:25	1.085	10.667	188193	665615	66.1	10.569	7.8%
IRVSEA-12-S-20251210	B42369	1.26	0.335	11.7	27.2	0.495	18744	0.269	0.564	0.0715	0.150	P	F2508351.D	2025-12-25 14:51	1.085	10.667	128177	666040	66.1	10.569	7.9%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
 Job No.: 2025GG406-1 EPA Method 325B Analysis
 Client No.: PROJ-050105 Site: Irving Oil - Searsport

Toluene

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-13-S-20251210	C37473	0.957	0.254	8.89	27.2	0.495	18744	0.269	0.564	0.0715	0.150	P	F2508352.D	2025-12-25 15:16	1.085	10.667	98271	672938	66.1	10.569	9.0%
IRVSEA-14-S-20251210	B15717	0.839	0.223	7.79	27.2	0.495	18743	0.269	0.564	0.0715	0.150	P	F2508353.D	2025-12-25 15:42	1.085	10.667	85721	669592	66.1	10.569	8.4%
IRVSEA-15-S-20251210	B17545	0.462	0.123	4.28	27.2	0.495	18723	0.270	0.565	0.0716	0.150	J,P	F2508354.D	2025-12-25 16:07	1.085	10.667	46690	663861	66.1	10.569	7.5%
IRVSEA-16-S-20251210	C57648	0.385	0.102	3.57	27.2	0.495	18718	0.270	0.565	0.0716	0.150	J,P	F2508355.D	2025-12-25 16:32	1.085	10.667	39426	671755	66.1	10.575	8.8%
IRVSEA-17-S-20251210	C57681	0.463	0.123	4.30	27.2	0.495	18717	0.270	0.565	0.0716	0.150	J,P	F2508356.D	2025-12-25 16:58	1.085	10.667	47681	675576	66.1	10.569	9.4%

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20251210	C69559	0.304	0.0701		27.2	0.438	18757	0.304	0.662	0.0701	0.153	ND,Pc	F2508336.D	2025-12-25 08:30	1.051	12.851	17814	663572	66.1	10.569	7.5%
IRVSEA-2-S-20251210	C70079	0.535	0.123	4.40	27.2	0.438	18756	0.304	0.662	0.0701	0.153	J,Pc	F2508337.D	2025-12-25 08:56	1.051	12.851	46280	661290	66.1	10.569	7.1%
IRVSEA-2-D-20251210	B52927	0.304	0.0701		27.2	0.438	18756	0.304	0.662	0.0701	0.153	ND,Pc	F2508338.D	2025-12-25 09:21	1.051	12.851	18645	664793	66.1	10.569	7.7%
IRVSEA-2-B-20251210	C36934	0.304	0.0701		27.2	0.438	18756	0.304	0.662	0.0701	0.153	ND,Pc	F2508335.D	2025-12-25 08:04	1.051	12.851	1550	673913	66.1	10.575	9.1%
IRVSEA-3-S-20251210	C39201	0.336	0.0774	2.76	27.2	0.438	18759	0.304	0.662	0.0701	0.153	J,Pc	F2508339.D	2025-12-25 09:46	1.051	12.851	29206	665088	66.1	10.569	7.7%
IRVSEA-4-S-20251210	B43043	0.503	0.116	4.14	27.2	0.438	18759	0.304	0.662	0.0701	0.153	J,Pc	F2508340.D	2025-12-25 10:12	1.051	12.851	44021	669149	66.1	10.569	8.4%
IRVSEA-5-S-20251210	C60250	0.527	0.121	4.33	27.2	0.438	18756	0.304	0.662	0.0701	0.153	J,Pc	F2508341.D	2025-12-25 10:37	1.051	12.851	45804	665450	66.1	10.569	7.8%
IRVSEA-6-S-20251210	B40160	0.435	0.100	3.58	27.2	0.438	18752	0.304	0.662	0.0701	0.153	J,Pc	F2508342.D	2025-12-25 11:03	1.051	12.851	38036	668634	66.1	10.569	8.3%
IRVSEA-7-S-20251210	B47063	0.997	0.230	8.19	27.2	0.438	18749	0.304	0.663	0.0701	0.153	Pc	F2508343.D	2025-12-25 11:28	1.051	12.851	86607	664911	66.1	10.569	7.7%
IRVSEA-8-S-20251210	C55362	1.22	0.282	10.0	27.2	0.438	18750	0.304	0.663	0.0701	0.153	Pc	F2508344.D	2025-12-25 11:53	1.051	12.851	105477	660174	66.1	10.569	6.9%
IRVSEA-8-D-20251210	C34288	1.23	0.283	10.1	27.2	0.438	18750	0.304	0.663	0.0701	0.153	Pc	F2508345.D	2025-12-25 12:19	1.051	12.851	111419	693115	66.1	10.575	12.3%
IRVSEA-8-B-20251210	C24252	0.304	0.0701		27.2	0.438	18750	0.304	0.663	0.0701	0.153	ND,Pc	F2508346.D	2025-12-25 12:45	1.051	12.851	617	653270	66.1	10.575	5.8%
IRVSEA-9-S-20251210	B52713	0.309	0.0713	2.54	27.2	0.438	18750	0.304	0.663	0.0701	0.153	J,Pc	F2508348.D	2025-12-25 13:35	1.051	12.851	26900	665705	66.1	10.569	7.8%
IRVSEA-10-S-20251210	C20399	0.404	0.0931	3.31	27.2	0.438	18697	0.305	0.664	0.0703	0.153	J,Pc	F2508349.D	2025-12-25 14:00	1.051	12.851	34789	661096	66.1	10.569	7.1%
IRVSEA-11-S-20251210	C24237	0.350	0.0806	2.87	27.2	0.438	18744	0.304	0.663	0.0702	0.153	J,Pc	F2508350.D	2025-12-25 14:25	1.051	12.851	30424	665615	66.1	10.569	7.8%
IRVSEA-12-S-20251210	B42369	0.304	0.0702		27.2	0.438	18744	0.304	0.663	0.0702	0.153	ND,Pc	F2508351.D	2025-12-25 14:51	1.051	12.851	20761	666040	66.1	10.569	7.9%
IRVSEA-13-S-20251210	C37473	0.304	0.0702		27.2	0.438	18744	0.304	0.663	0.0702	0.153	ND,Pc	F2508352.D	2025-12-25 15:16	1.051	12.851	17106	672938	66.1	10.569	9.0%
IRVSEA-14-S-20251210	B15717	0.304	0.0702		27.2	0.438	18743	0.304	0.663	0.0702	0.153	ND,Pc	F2508353.D	2025-12-25 15:42	1.051	12.851	13785	669592	66.1	10.569	8.4%
IRVSEA-15-S-20251210	B17545	0.305	0.0702		27.2	0.438	18723	0.305	0.664	0.0702	0.153	ND,Pc	F2508354.D	2025-12-25 16:07	1.051	12.851	7263	663861	66.1	10.569	7.5%
IRVSEA-16-S-20251210	C57648	0.305	0.0702		27.2	0.438	18718	0.305	0.664	0.0702	0.153	ND,Pc	F2508355.D	2025-12-25 16:32	1.051	12.851	5639	671755	66.1	10.575	8.8%
IRVSEA-17-S-20251210	C57681	0.305	0.0703		27.2	0.438	18717	0.305	0.664	0.0703	0.153	ND,Pc	F2508356.D	2025-12-25 16:58	1.051	12.851	7663	675576	66.1	10.569	9.4%

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20251210	C69559	0.636	0.146	5.22	27.2	0.438	18757	0.304	0.742	0.0701	0.171	J,P	F2508336.D	2025-12-25 08:30	0.774	13.028	40622	663572	66.1	10.569	7.5%
IRVSEA-2-S-20251210	C70079	1.75	0.404	14.4	27.2	0.438	18756	0.304	0.742	0.0701	0.171	P	F2508337.D	2025-12-25 08:56	0.774	13.028	111635	661290	66.1	10.569	7.1%
IRVSEA-2-D-20251210	B52927	0.585	0.135	4.81	27.2	0.438	18756	0.304	0.742	0.0701	0.171	J,P	F2508338.D	2025-12-25 09:21	0.774	13.028	37491	664793	66.1	10.569	7.7%
IRVSEA-2-B-20251210	C36934	0.304	0.0701		27.2	0.438	18756	0.304	0.742	0.0701	0.171	ND,P	F2508335.D	2025-12-25 08:04	0.774	13.022	740	673913	66.1	10.575	9.1%
IRVSEA-3-S-20251210	C39201	0.952	0.219	7.82	27.2	0.438	18759	0.304	0.742	0.0701	0.171	P	F2508339.D	2025-12-25 09:46	0.774	13.028	60977	665088	66.1	10.569	7.7%
IRVSEA-4-S-20251210	B43043	1.54	0.354	12.6	27.2	0.438	18759	0.304	0.742	0.0701	0.171	P	F2508340.D	2025-12-25 10:12	0.774	13.028	99163	669149	66.1	10.569	8.4%
IRVSEA-5-S-20251210	C60250	1.85	0.426	15.2	27.2	0.438	18756	0.304	0.742	0.0701	0.171	P	F2508341.D	2025-12-25 10:37	0.774	13.028	118502	665450	66.1	10.569	7.8%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
 Job No.: 2025GG406-1 EPA Method 325B Analysis
 Client No.: PROJ-050105 Site: Irving Oil - Searsport

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-6-S-20251210	B40160	1.28	0.294	10.5	27.2	0.438	18752	0.304	0.742	0.0701	0.171	P	F2508342.D	2025-12-25 11:03	0.774	13.028	82267	668634	66.1	10.569	8.3%
IRVSEA-7-S-20251210	B47063	3.36	0.774	27.6	27.2	0.438	18749	0.304	0.743	0.0701	0.171	P	F2508343.D	2025-12-25 11:28	0.774	13.028	214990	664911	66.1	10.569	7.7%
IRVSEA-8-S-20251210	C55362	4.67	1.08	38.4	27.2	0.438	18750	0.304	0.743	0.0701	0.171	P	F2508344.D	2025-12-25 11:53	0.774	13.029	297058	660174	66.1	10.569	6.9%
IRVSEA-8-D-20251210	C34288	4.18	0.963	34.3	27.2	0.438	18750	0.304	0.743	0.0701	0.171	P	F2508345.D	2025-12-25 12:19	0.774	13.028	278858	693115	66.1	10.575	12.3%
IRVSEA-8-B-20251210	C24252	0.304	0.0701	27.2	27.2	0.438	18750	0.304	0.743	0.0701	0.171	ND,P	F2508346.D	2025-12-25 12:45	0.774	13.028	695	653270	66.1	10.575	5.8%
IRVSEA-9-S-20251210	B52713	0.900	0.207	7.40	27.2	0.438	18750	0.304	0.743	0.0701	0.171	P	F2508348.D	2025-12-25 13:35	0.774	13.028	57712	665705	66.1	10.569	7.8%
IRVSEA-10-S-20251210	C20399	1.19	0.274	9.76	27.2	0.438	18697	0.305	0.745	0.0703	0.172	P	F2508349.D	2025-12-25 14:00	0.774	13.029	75610	661096	66.1	10.569	7.1%
IRVSEA-11-S-20251210	C24237	1.22	0.281	10.0	27.2	0.438	18744	0.304	0.743	0.0702	0.171	P	F2508350.D	2025-12-25 14:25	0.774	13.028	78102	665615	66.1	10.569	7.8%
IRVSEA-12-S-20251210	B42369	0.688	0.158	5.65	27.2	0.438	18744	0.304	0.743	0.0702	0.171	J,P	F2508351.D	2025-12-25 14:51	0.774	13.028	44081	666040	66.1	10.569	7.9%
IRVSEA-13-S-20251210	C37473	0.457	0.105	3.76	27.2	0.438	18744	0.304	0.743	0.0702	0.171	J,P	F2508352.D	2025-12-25 15:16	0.774	13.028	29634	672938	66.1	10.569	9.0%
IRVSEA-14-S-20251210	B15717	0.304	0.0702	27.2	27.2	0.438	18743	0.304	0.743	0.0702	0.171	ND,P	F2508353.D	2025-12-25 15:42	0.774	13.028	18313	669592	66.1	10.569	8.4%
IRVSEA-15-S-20251210	B17545	0.305	0.0702	27.2	27.2	0.438	18723	0.305	0.744	0.0702	0.171	ND,P	F2508354.D	2025-12-25 16:07	0.774	13.028	9379	663861	66.1	10.569	7.5%
IRVSEA-16-S-20251210	C57648	0.305	0.0702	27.2	27.2	0.438	18718	0.305	0.744	0.0702	0.171	ND,P	F2508355.D	2025-12-25 16:32	0.774	13.028	10256	671755	66.1	10.575	8.8%
IRVSEA-17-S-20251210	C57681	0.305	0.0703	27.2	27.2	0.438	18717	0.305	0.744	0.0703	0.171	ND,P	F2508356.D	2025-12-25 16:58	0.774	13.028	13135	675576	66.1	10.569	9.4%

o-Xylene

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20251210	C69559	0.304	0.0701	27.2	27.2	0.438	18757	0.304	0.690	0.0701	0.159	ND,Pc	F2508336.D	2025-12-25 08:30	0.807	13.536	17132	663572	66.1	10.569	7.5%
IRVSEA-2-S-20251210	C70079	0.710	0.164	5.84	27.2	0.438	18756	0.304	0.690	0.0701	0.159	Pc	F2508337.D	2025-12-25 08:56	0.807	13.530	47138	661290	66.1	10.569	7.1%
IRVSEA-2-D-20251210	B52927	0.304	0.0701	27.2	27.2	0.438	18756	0.304	0.690	0.0701	0.159	ND,Pc	F2508338.D	2025-12-25 09:21	0.807	13.530	15339	664793	66.1	10.569	7.7%
IRVSEA-2-B-20251210	C36934	0.304	0.0701	27.2	27.2	0.438	18756	0.304	0.690	0.0701	0.159	ND,Pc	F2508335.D	2025-12-25 08:04	0.807	13.524	288	673913	66.1	10.575	9.1%
IRVSEA-3-S-20251210	C39201	0.372	0.0857	3.06	27.2	0.438	18759	0.304	0.690	0.0701	0.159	J,Pc	F2508339.D	2025-12-25 09:46	0.807	13.530	24834	665088	66.1	10.569	7.7%
IRVSEA-4-S-20251210	B43043	0.617	0.142	5.07	27.2	0.438	18759	0.304	0.690	0.0701	0.159	J,Pc	F2508340.D	2025-12-25 10:12	0.807	13.530	41460	669149	66.1	10.569	8.4%
IRVSEA-5-S-20251210	C60250	0.692	0.159	5.69	27.2	0.438	18756	0.304	0.690	0.0701	0.159	Pc	F2508341.D	2025-12-25 10:37	0.807	13.530	46224	665450	66.1	10.569	7.8%
IRVSEA-6-S-20251210	B40160	0.498	0.115	4.09	27.2	0.438	18752	0.304	0.690	0.0701	0.159	J,Pc	F2508342.D	2025-12-25 11:03	0.807	13.530	33404	668634	66.1	10.569	8.3%
IRVSEA-7-S-20251210	B47063	1.26	0.291	10.4	27.2	0.438	18749	0.304	0.691	0.0701	0.159	Pc	F2508343.D	2025-12-25 11:28	0.807	13.530	84385	664911	66.1	10.569	7.7%
IRVSEA-8-S-20251210	C55362	1.79	0.412	14.7	27.2	0.438	18750	0.304	0.691	0.0701	0.159	Pc	F2508344.D	2025-12-25 11:53	0.807	13.530	118340	660174	66.1	10.569	6.9%
IRVSEA-8-D-20251210	C34288	1.61	0.372	13.3	27.2	0.438	18750	0.304	0.691	0.0701	0.159	Pc	F2508345.D	2025-12-25 12:19	0.807	13.530	112200	693115	66.1	10.575	12.3%
IRVSEA-8-B-20251210	C24252	0.304	0.0701	27.2	27.2	0.438	18750	0.304	0.691	0.0701	0.159	ND,Pc	F2508346.D	2025-12-25 12:45	0.807	13.536	225	653270	66.1	10.575	5.8%
IRVSEA-9-S-20251210	B52713	0.360	0.0829	2.96	27.2	0.438	18750	0.304	0.691	0.0701	0.159	J,Pc	F2508348.D	2025-12-25 13:35	0.807	13.530	24037	665705	66.1	10.569	7.8%
IRVSEA-10-S-20251210	C20399	0.468	0.108	3.83	27.2	0.438	18697	0.305	0.693	0.0703	0.160	J,Pc	F2508349.D	2025-12-25 14:00	0.807	13.536	30959	661096	66.1	10.569	7.1%
IRVSEA-11-S-20251210	C24237	0.478	0.110	3.93	27.2	0.438	18744	0.304	0.691	0.0702	0.159	J,Pc	F2508350.D	2025-12-25 14:25	0.807	13.530	31922	665615	66.1	10.569	7.8%
IRVSEA-12-S-20251210	B42369	0.304	0.0702	27.2	27.2	0.438	18744	0.304	0.691	0.0702	0.159	ND,Pc	F2508351.D	2025-12-25 14:51	0.807	13.536	17654	666040	66.1	10.569	7.9%
IRVSEA-13-S-20251210	C37473	0.304	0.0702	27.2	27.2	0.438	18744	0.304	0.691	0.0702	0.159	ND,Pc	F2508352.D	2025-12-25 15:16	0.807	13.530	12429	672938	66.1	10.569	9.0%
IRVSEA-14-S-20251210	B15717	0.304	0.0702	27.2	27.2	0.438	18743	0.304	0.691	0.0702	0.159	ND,Pc	F2508353.D	2025-12-25 15:42	0.807	13.530	7600	669592	66.1	10.569	8.4%
IRVSEA-15-S-20251210	B17545	0.305	0.0702	27.2	27.2	0.438	18723	0.305	0.692	0.0702	0.159	ND,Pc	F2508354.D	2025-12-25 16:07	0.807	13.536	4211	663861	66.1	10.569	7.5%
IRVSEA-16-S-20251210	C57648	0.305	0.0702	27.2	27.2	0.438	18718	0.305	0.692	0.0702	0.159	ND,Pc	F2508355.D	2025-12-25 16:32	0.807	13.536	4572	671755	66.1	10.575	8.8%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG406-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

o-Xylene

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-17-S-20251210	C57681	0.305	0.0703		27.2	0.438	18717	0.305	0.692	0.0703	0.159	ND,Pc	F2508356.D	2025-12-25 16:58	0.807	13.536	5916	675576	66.1	10.569	9.4%

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit

ND: The analyte was not present above the Method Detection Limit

P: Field duplicate(s) exceed 30%RPD

Pc: Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit

QC Data



Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG406-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m ³)	IRVSEA-2-B-20251210	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
	IRVSEA-8-B-20251210	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	IRVSEA-2-D-20251210	69%	Fail	73%	Fail	55%	Fail	100%	Fail	80%	Fail
	IRVSEA-8-D-20251210	3.7%	Pass	2.6%	Pass	0.61%	Pass	11%	Pass	10%	Pass

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2025GG406-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICAL	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5 REC	F2508333.D	C35879	Cal	0.963		0.963	6.6%	-1.5%		Pass	
2025GG406 Method Blank 1	F2508334.D	C61645	Blank			0.963			9.4%	Pass	ND
M325B CCV 5 REC	F2508347.D	C43572	Check	0.957		0.963	5.9%		0.53%	Pass	
M325B CCV 5	F2508357.D	B20600	Check	0.890		0.963	-1.5%		10%	Pass	

Toluene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICAL	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5 REC	F2508333.D	C35879	Cal	1.085		1.085	-0.52%	-1.1%		Pass	
2025GG406 Method Blank 1	F2508334.D	C61645	Blank			1.085			8.1%	Pass	ND
M325B CCV 5 REC	F2508347.D	C43572	Check	1.128		1.085	3.4%		-0.32%	Pass	
M325B CCV 5	F2508357.D	B20600	Check	1.031		1.085	-5.5%		8.6%	Pass	

Ethylbenzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICAL	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5 REC	F2508333.D	C35879	Cal	1.051		1.051	-8.6%	-1.1%		Pass	
2025GG406 Method Blank 1	F2508334.D	C61645	Blank			1.051			8.1%	Pass	ND
M325B CCV 5 REC	F2508347.D	C43572	Check	1.068		1.051	-7.1%		-0.32%	Pass	
M325B CCV 5	F2508357.D	B20600	Check	1.154		1.051	0.35%		8.6%	Pass	

m-/p-Xylenes Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICAL	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5 REC	F2508333.D	C35879	Cal	0.774		0.774	-18%	-1.1%		Pass	
2025GG406 Method Blank 1	F2508334.D	C61645	Blank			0.774			8.1%	Pass	ND
M325B CCV 5 REC	F2508347.D	C43572	Check	0.762		0.774	-19%		-0.32%	Pass	
M325B CCV 5	F2508357.D	B20600	Check	0.929		0.774	-1.1%		8.6%	Pass	

o-Xylene Calibration and Blanks

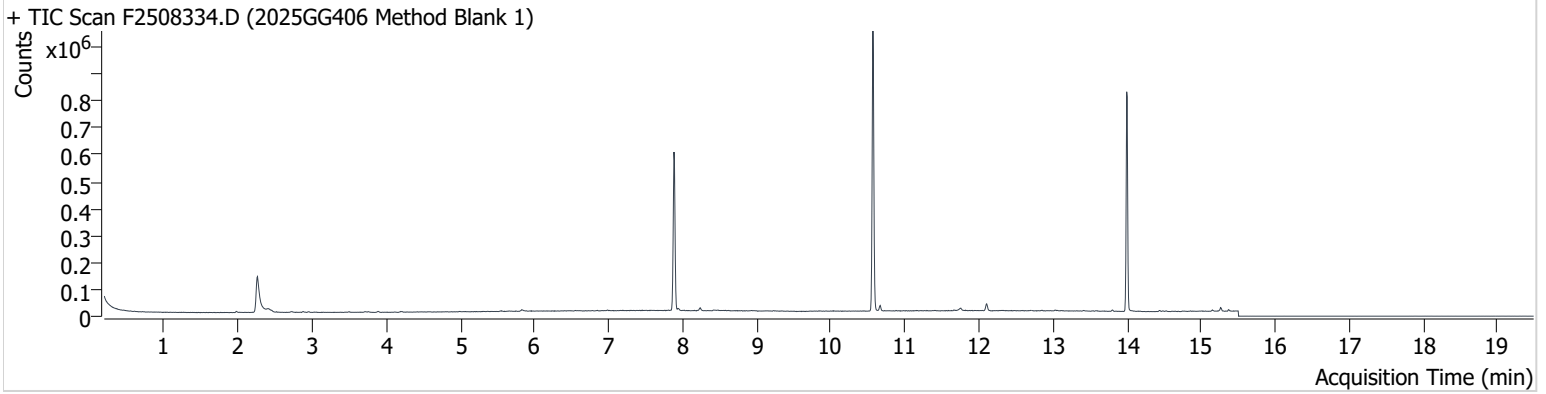
Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICAL	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5 REC	F2508333.D	C35879	Cal	0.807		0.807	-14%	-1.1%		Pass	
2025GG406 Method Blank 1	F2508334.D	C61645	Blank			0.807			8.1%	Pass	ND
M325B CCV 5 REC	F2508347.D	C43572	Check	0.780		0.807	-17%		-0.32%	Pass	
M325B CCV 5	F2508357.D	B20600	Check	0.931		0.807	-1.3%		8.6%	Pass	

Chromatograms



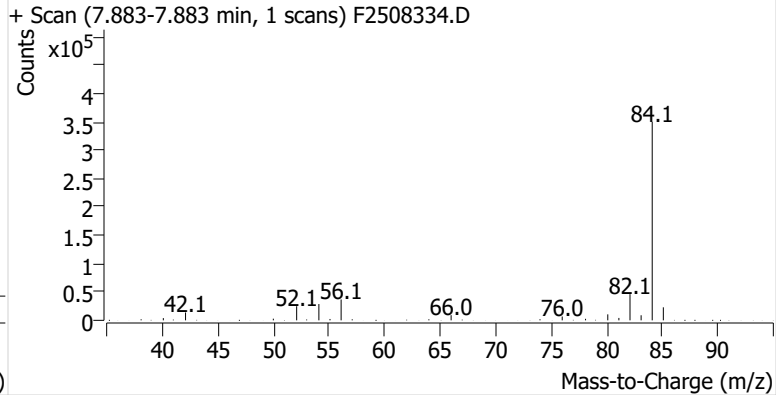
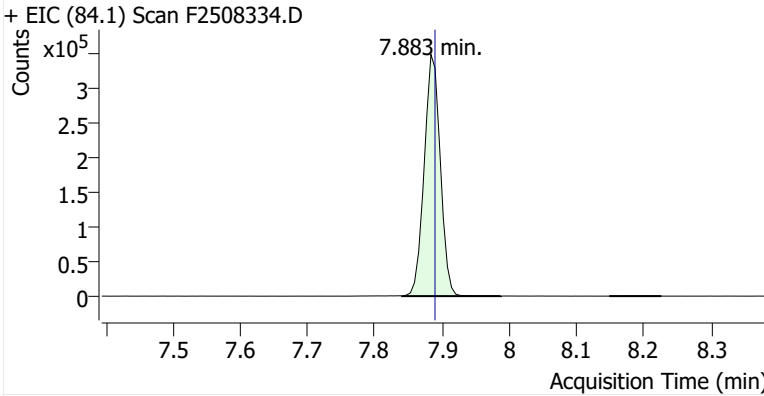
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Comment C61645
Data File F2508334.D
Acq. Date-Time 12/25/2025 7:39:21 AM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

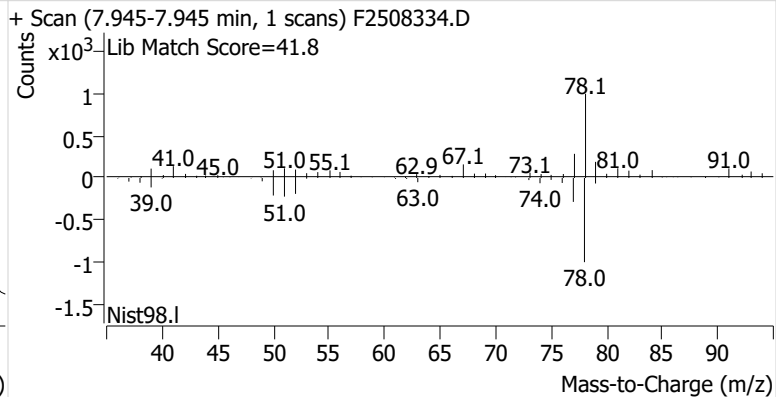
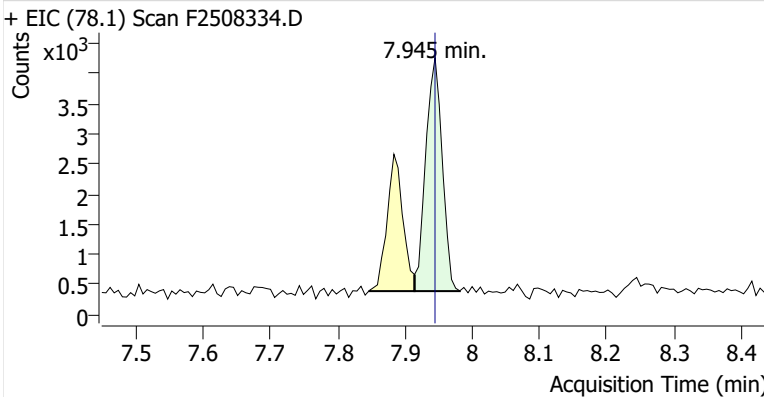


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.883	7.889	582,316	
Benzene	benzene-d6 (IS)	7.945	7.945	6,618	
Toluene-d8 (IS)		10.569	10.569	667,723	
Toluene	Toluene-d8 (IS)	10.667	10.667	13,282	
Ethylbenzene	Toluene-d8 (IS)	12.851	12.851	1,237	
m-/p-Xylenes	Toluene-d8 (IS)	13.029	13.028	1,765	
o-Xylene	Toluene-d8 (IS)	13.536	13.530	812	

benzene-d6 (IS)

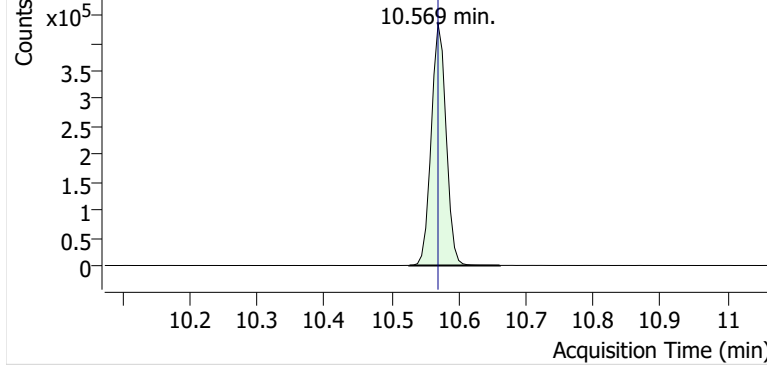


Benzene

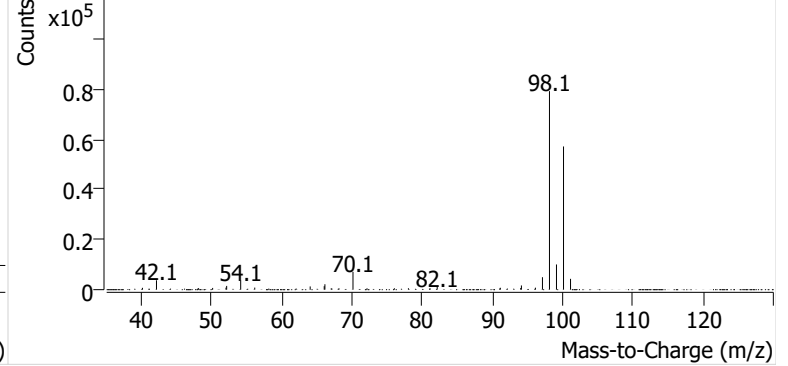


Toluene-d8 (IS)

+ EIC (98.1) Scan F2508334.D

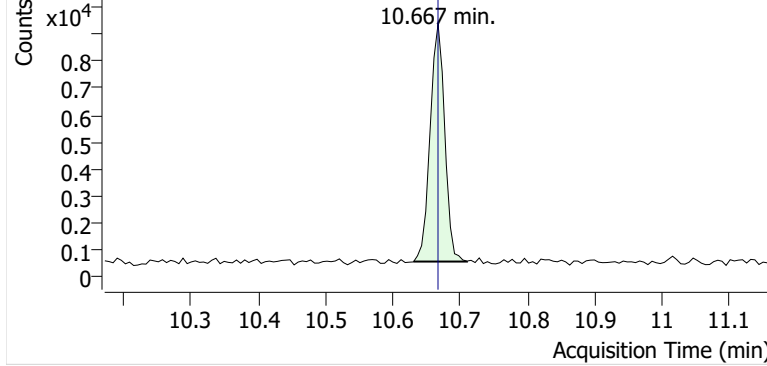


+ Scan (10.526-10.661 min, 23 scans) F2508334.D

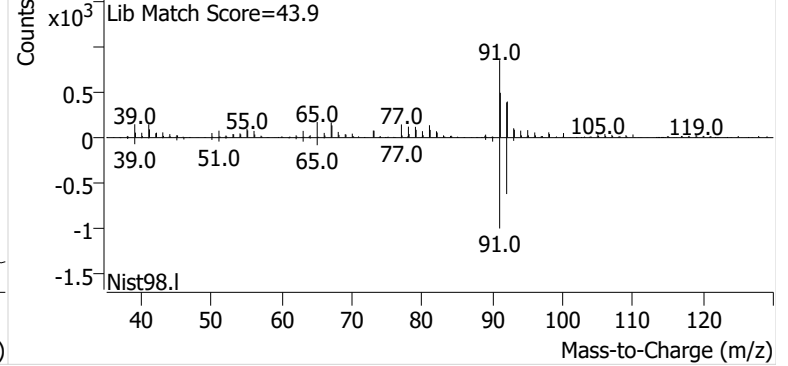


Toluene

+ EIC (91.1) Scan F2508334.D

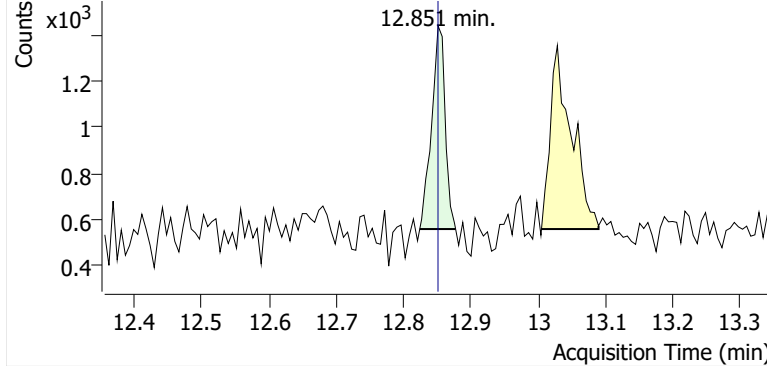


+ Scan (10.631-10.710 min, 13 scans) F2508334.D

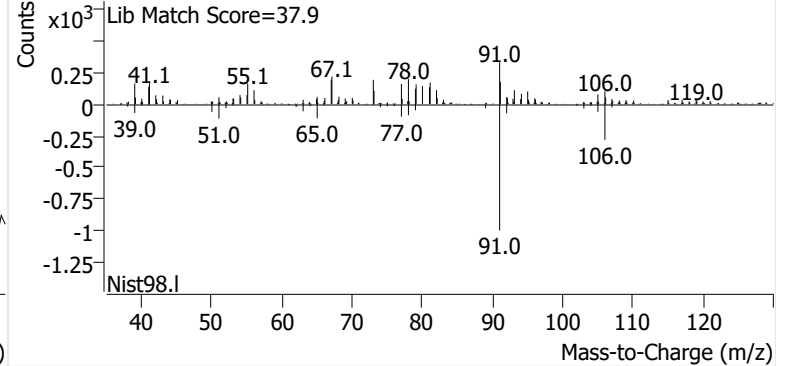


Ethylbenzene

+ EIC (91.1) Scan F2508334.D

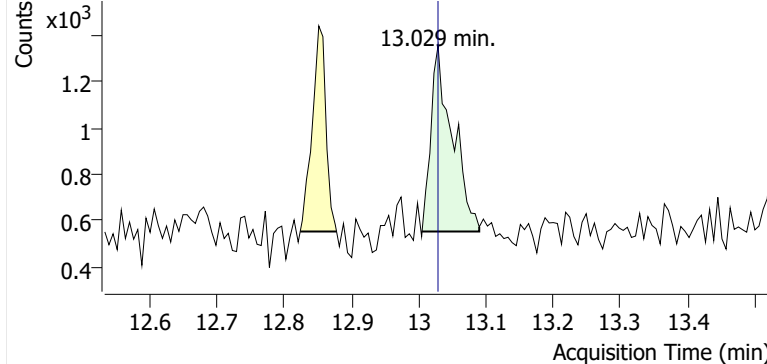


+ Scan (12.824-12.877 min, 9 scans) F2508334.D

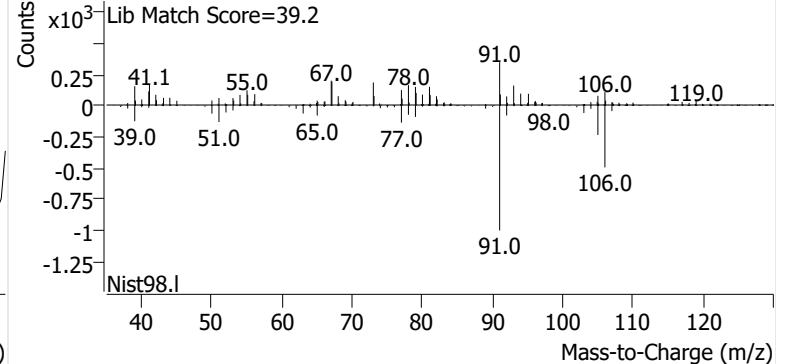


m-/p-Xylenes

+ EIC (91.1) Scan F2508334.D

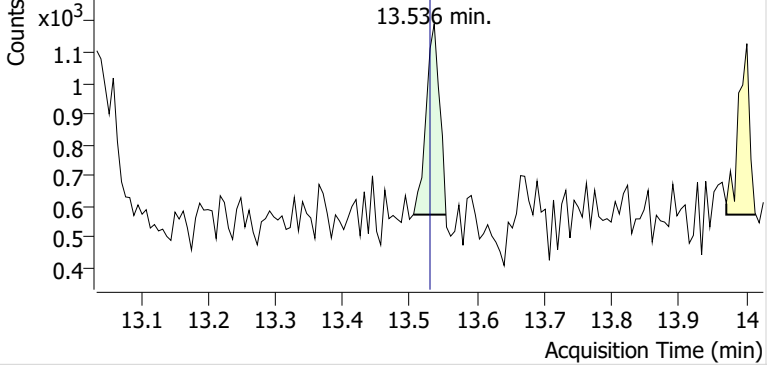


+ Scan (13.005-13.090 min, 14 scans) F2508334.D

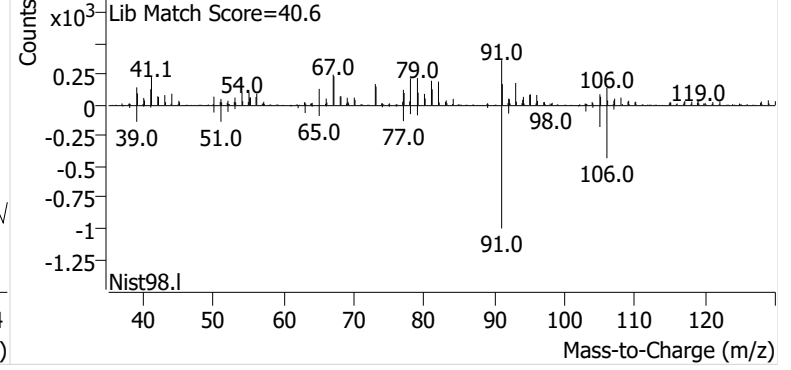


o-Xylene

+ EIC (91.1) Scan F2508334.D

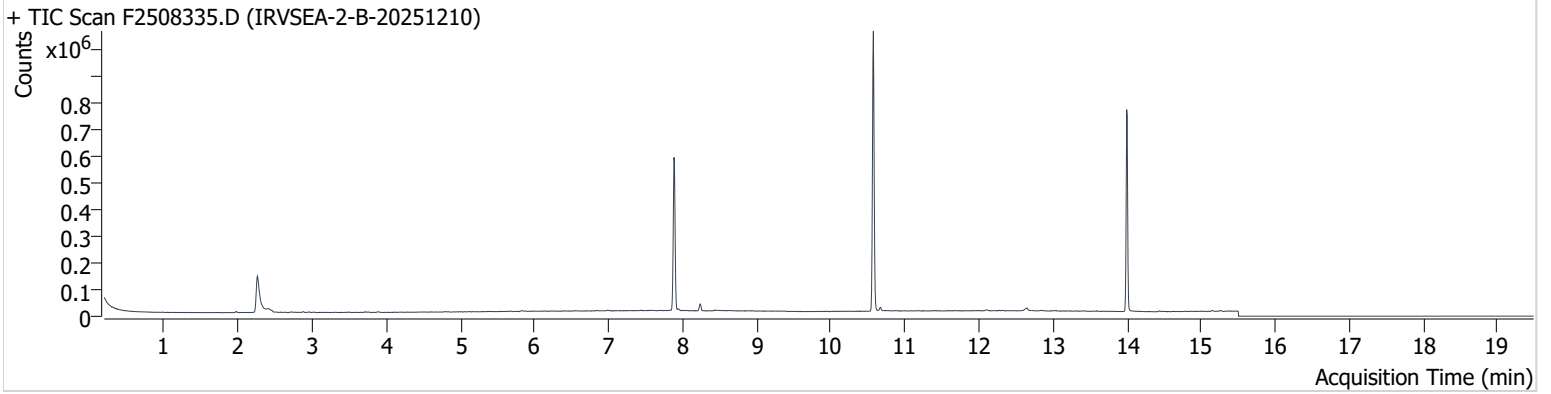


+ Scan (13.505-13.554 min, 8 scans) F2508334.D



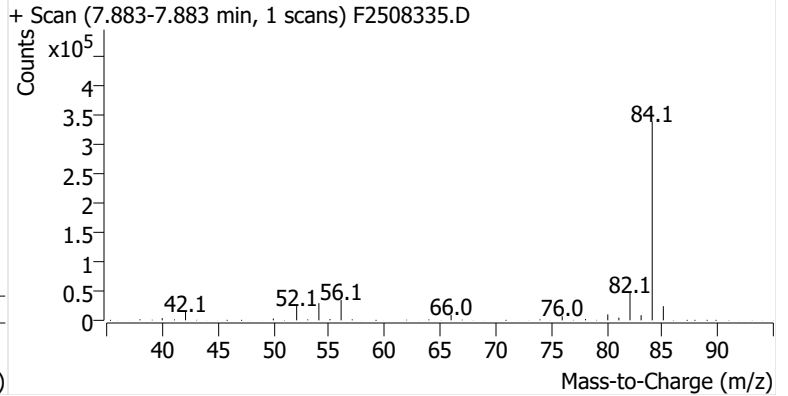
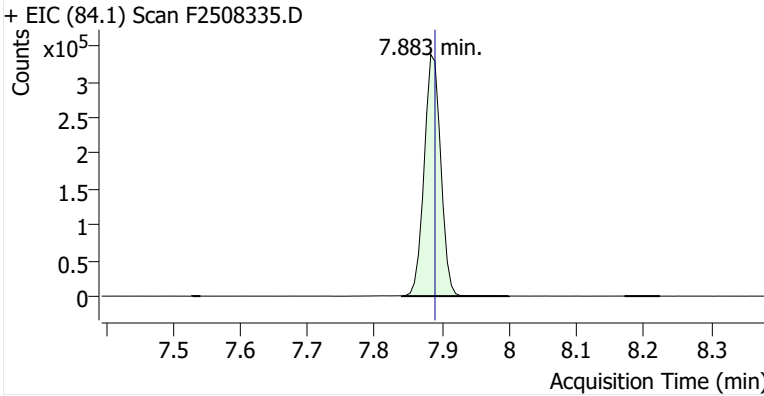
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Comment C36934
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Acq. Date-Time 12/25/2025 8:04:42 AM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

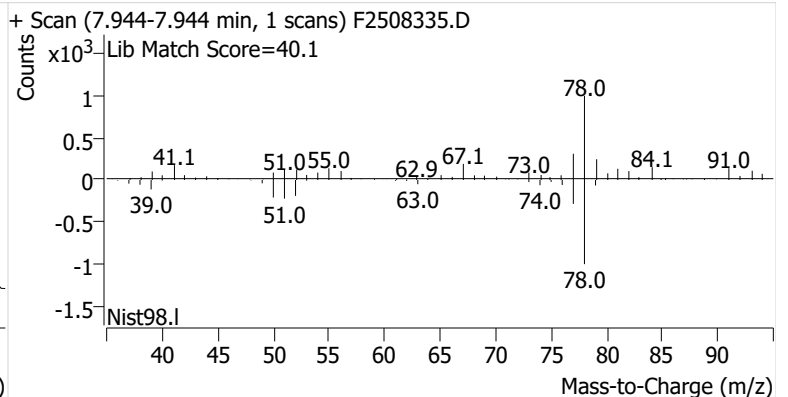
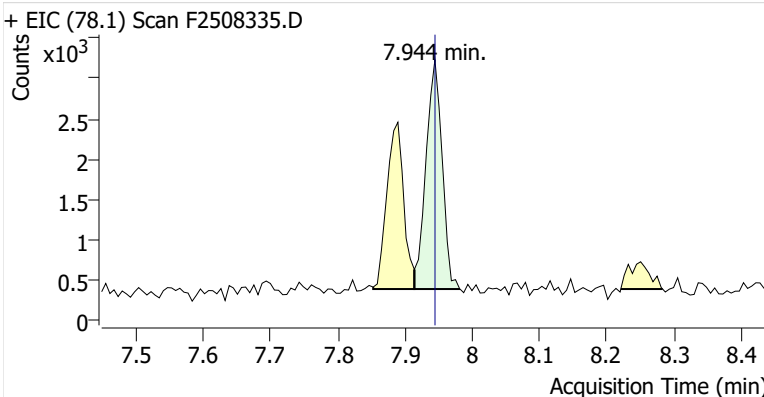


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.883	7.889	580,503	
Benzene	benzene-d6 (IS)	7.944	7.945	4,741	
Toluene-d8 (IS)		10.575	10.569	673,913	
Toluene	Toluene-d8 (IS)	10.667	10.667	8,238	
Ethylbenzene	Toluene-d8 (IS)	12.851	12.851	1,550	
m-/p-Xylenes	Toluene-d8 (IS)	13.022	13.028	740	
o-Xylene	Toluene-d8 (IS)	13.524	13.530	288	

benzene-d6 (IS)

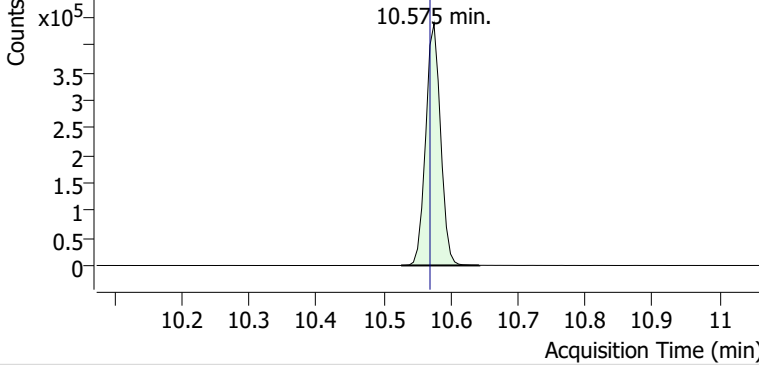


Benzene

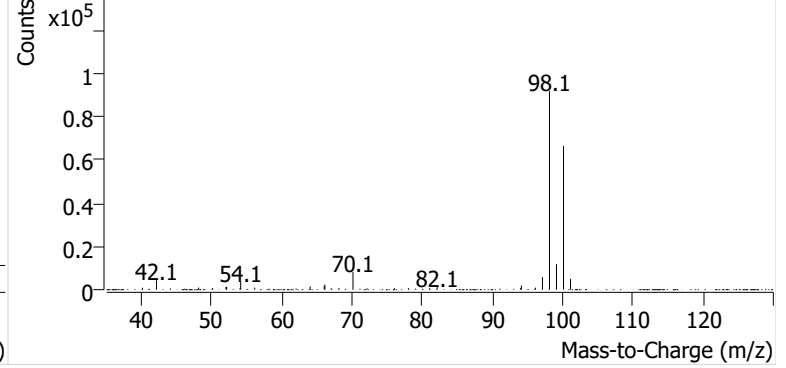


Toluene-d8 (IS)

+ EIC (98.1) Scan F2508335.D

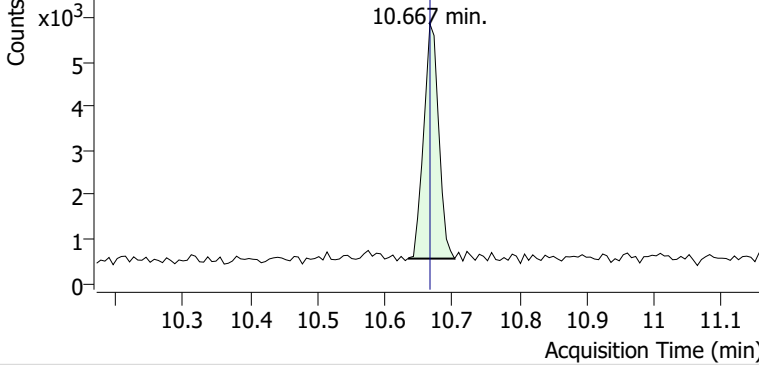


+ Scan (10.526-10.642 min, 20 scans) F2508335.D

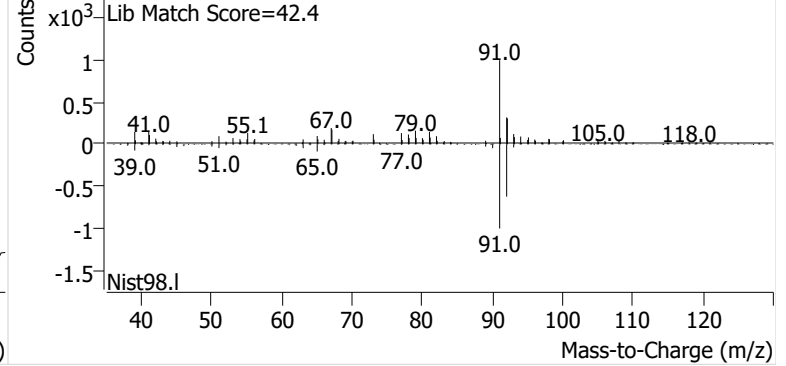


Toluene

+ EIC (91.1) Scan F2508335.D

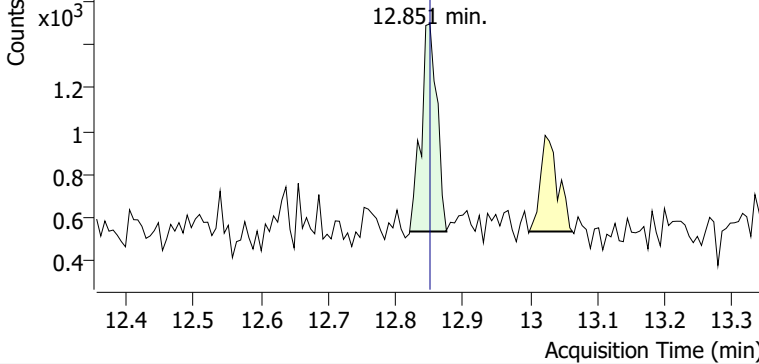


+ Scan (10.634-10.704 min, 12 scans) F2508335.D

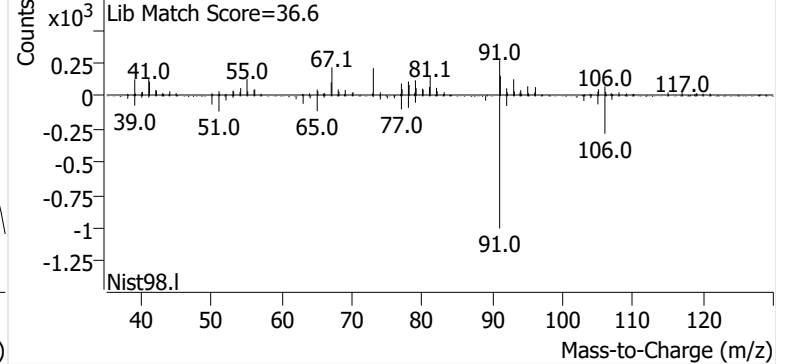


Ethylbenzene

+ EIC (91.1) Scan F2508335.D

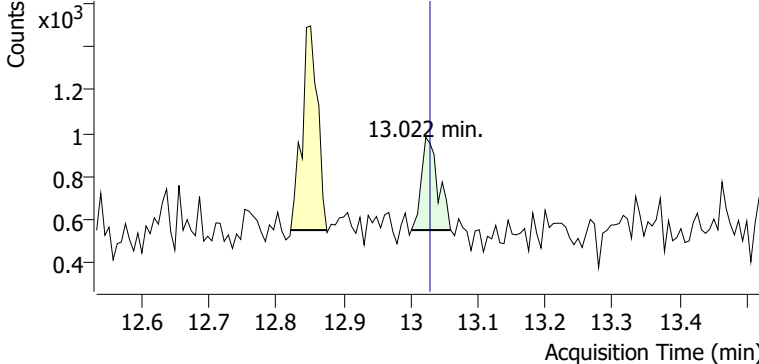


+ Scan (12.821-12.875 min, 9 scans) F2508335.D

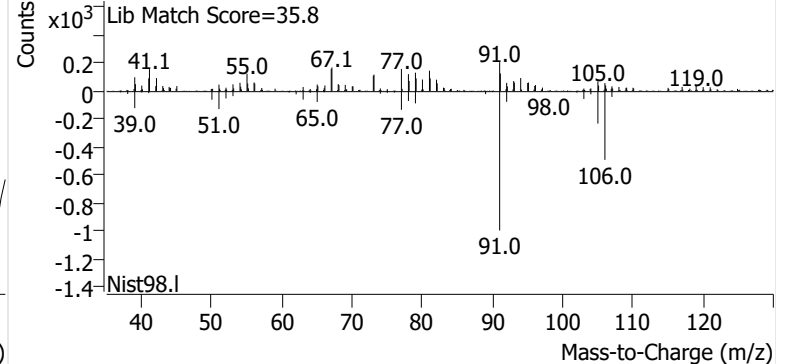


m-/p-Xylenes

+ EIC (91.1) Scan F2508335.D

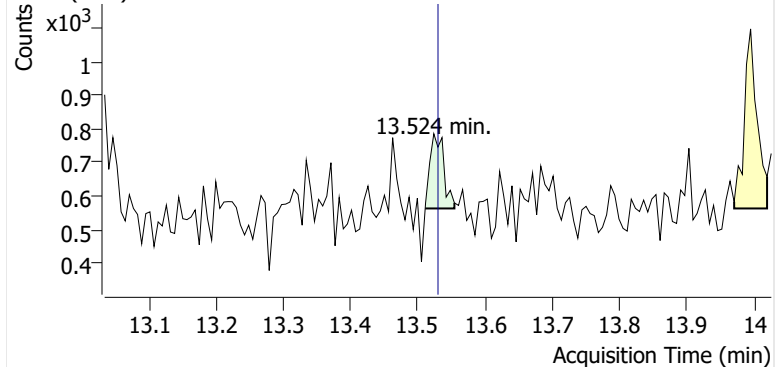


+ Scan (13.001-13.059 min, 10 scans) F2508335.D

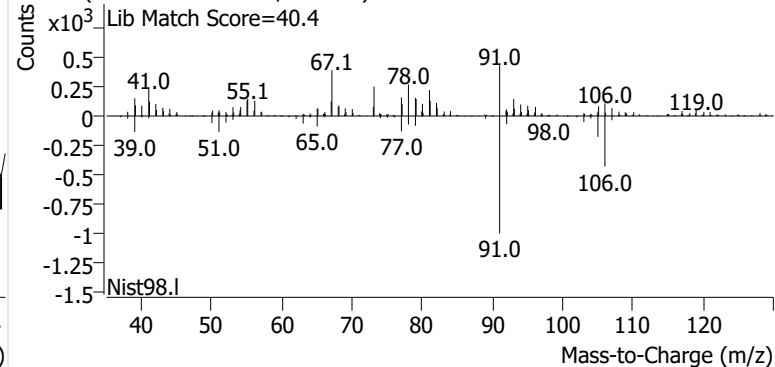


o-Xylene

+ EIC (91.1) Scan F2508335.D

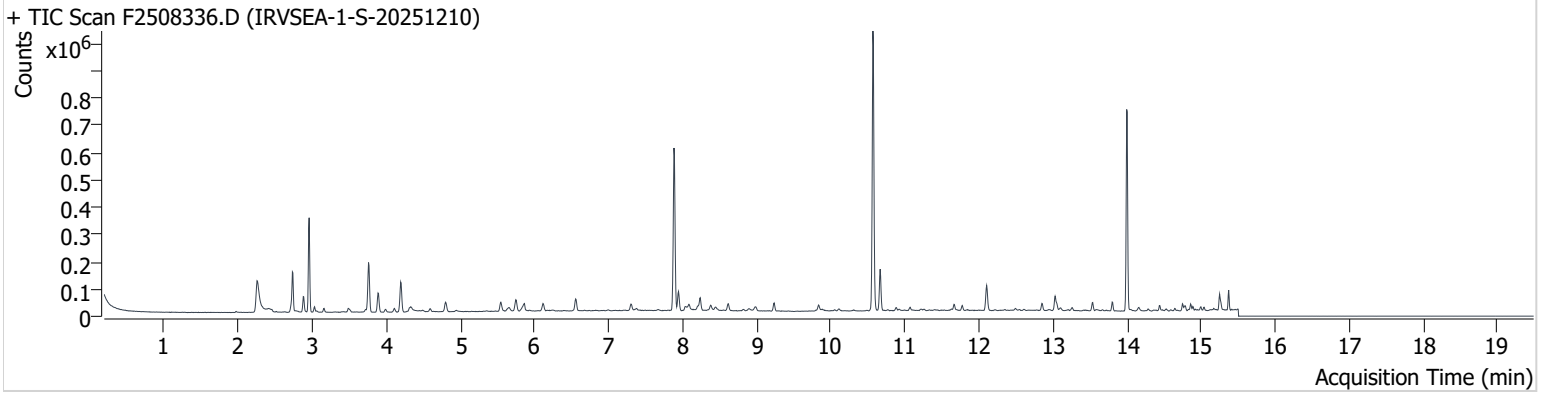


+ Scan (13.511-13.554 min, 8 scans) F2508335.D



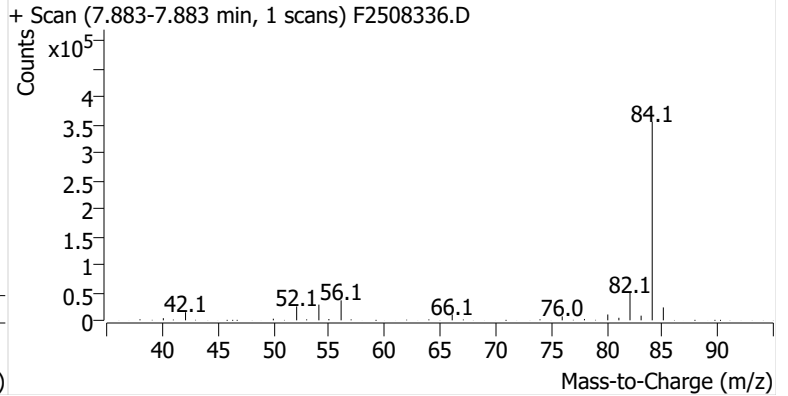
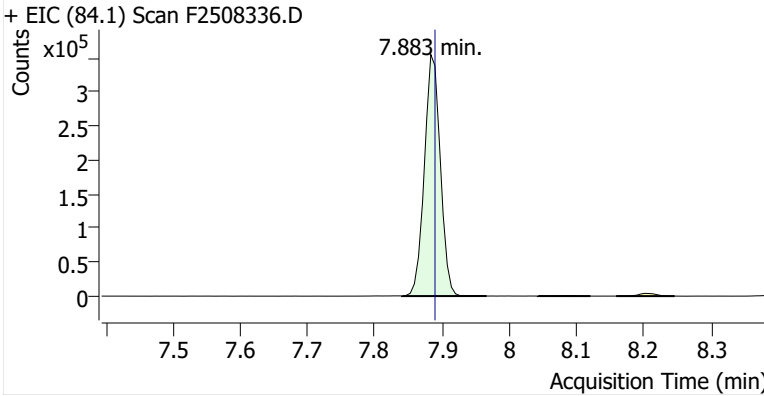
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Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

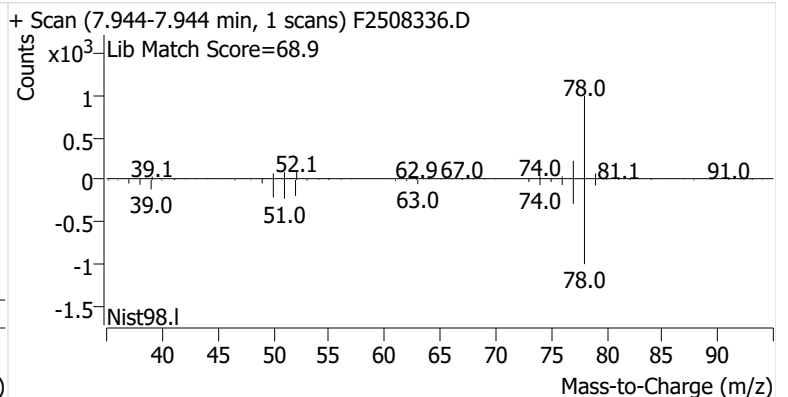
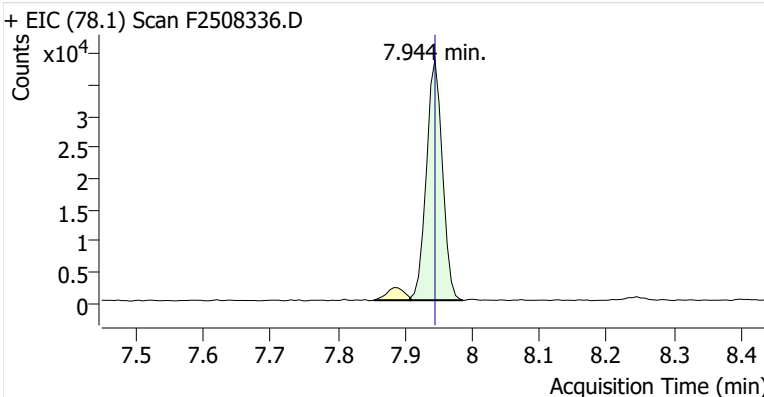


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.883	7.889	583,368	
Benzene	benzene-d6 (IS)	7.944	7.945	64,283	
Toluene-d8 (IS)		10.569	10.569	663,572	
Toluene	Toluene-d8 (IS)	10.667	10.667	101,358	
Ethylbenzene	Toluene-d8 (IS)	12.851	12.851	17,814	
m-/p-Xylenes	Toluene-d8 (IS)	13.028	13.028	40,622	
o-Xylene	Toluene-d8 (IS)	13.536	13.530	17,132	

benzene-d6 (IS)

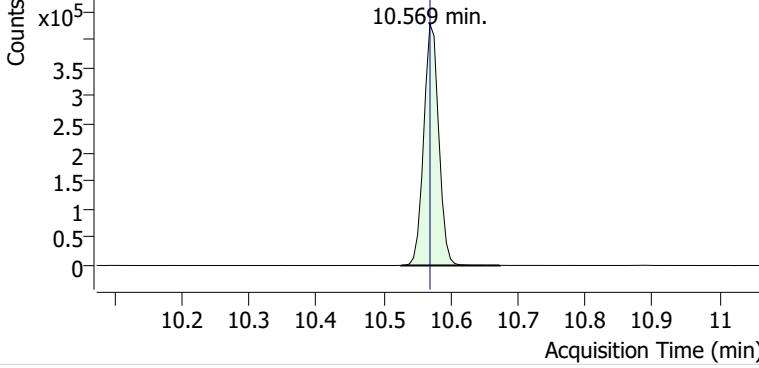


Benzene

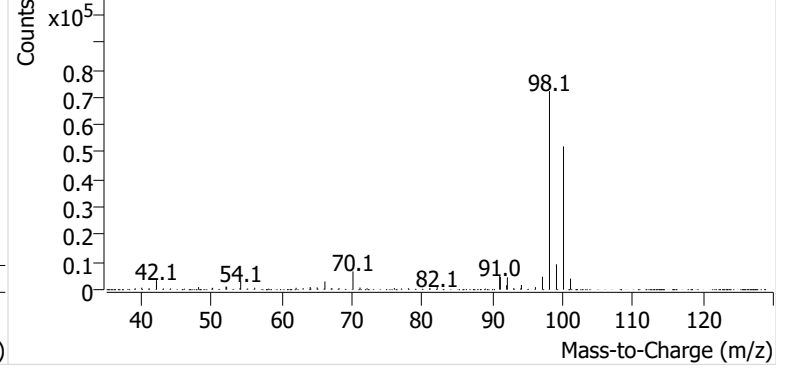


Toluene-d8 (IS)

+ EIC (98.1) Scan F2508336.D

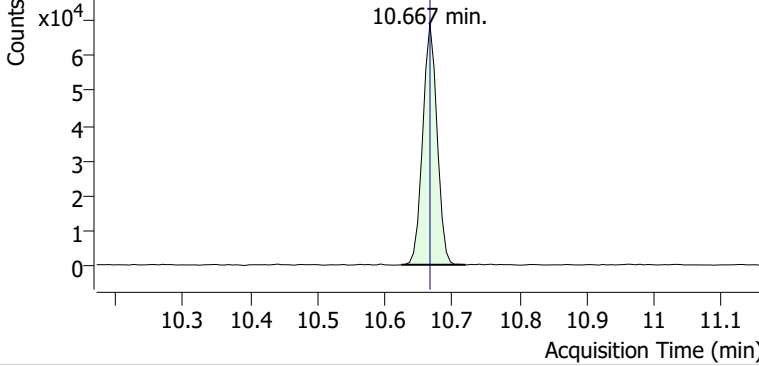


+ Scan (10.526-10.673 min, 25 scans) F2508336.D

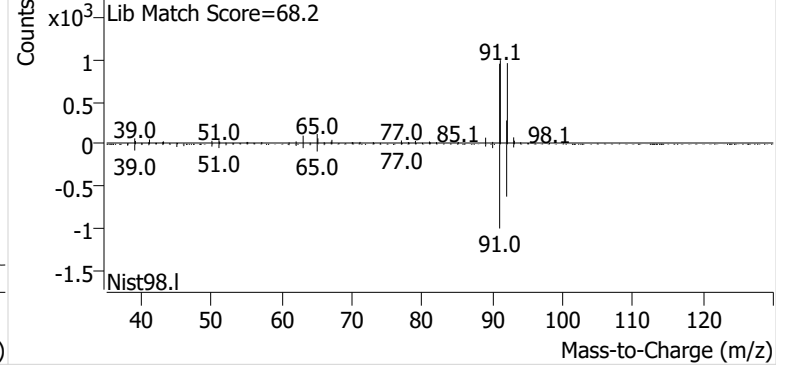


Toluene

+ EIC (91.1) Scan F2508336.D

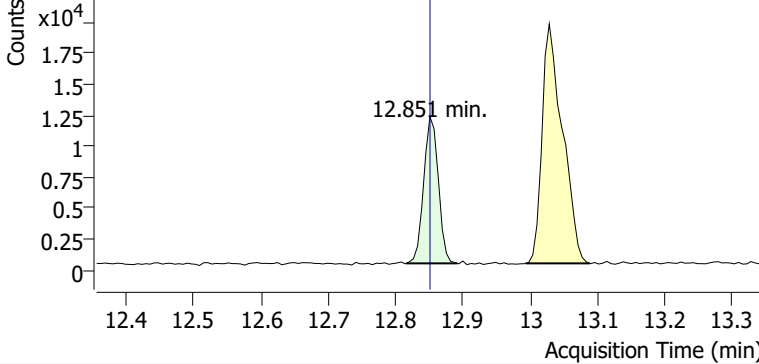


+ Scan (10.625-10.720 min, 15 scans) F2508336.D

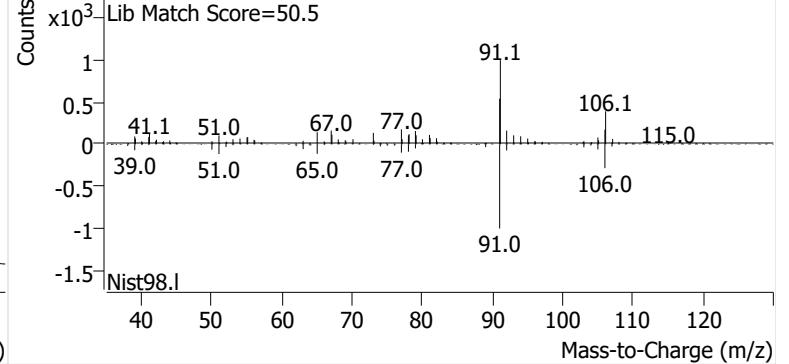


Ethylbenzene

+ EIC (91.1) Scan F2508336.D

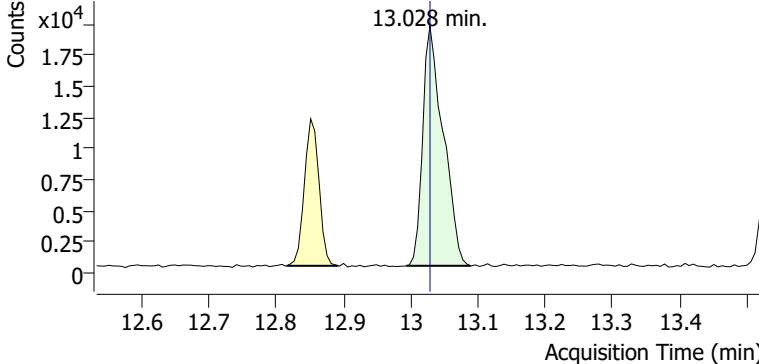


+ Scan (12.816-12.892 min, 12 scans) F2508336.D

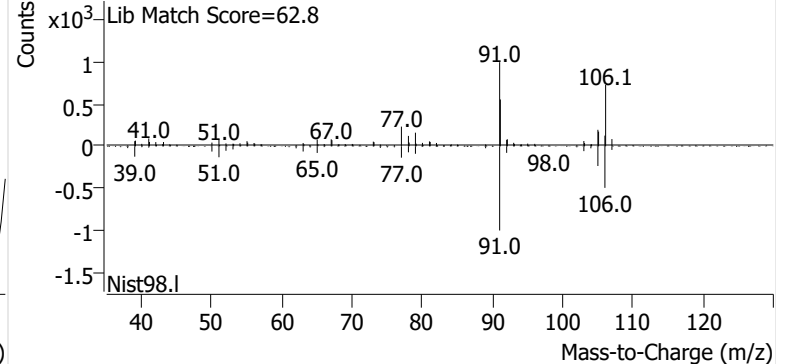


m-/p-Xylenes

+ EIC (91.1) Scan F2508336.D

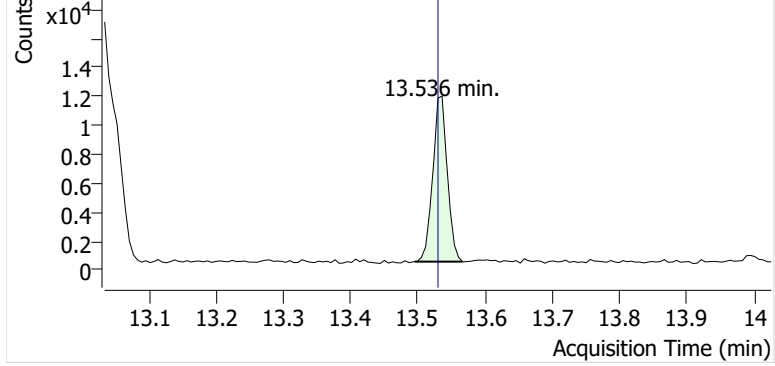


+ Scan (12.993-13.089 min, 15 scans) F2508336.D

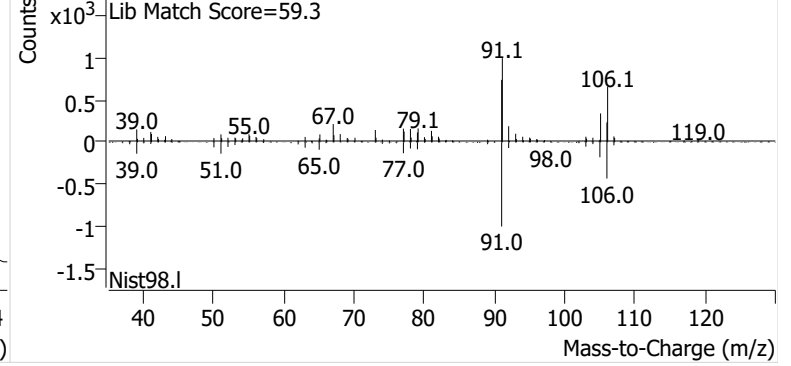


o-Xylene

+ EIC (91.1) Scan F2508336.D

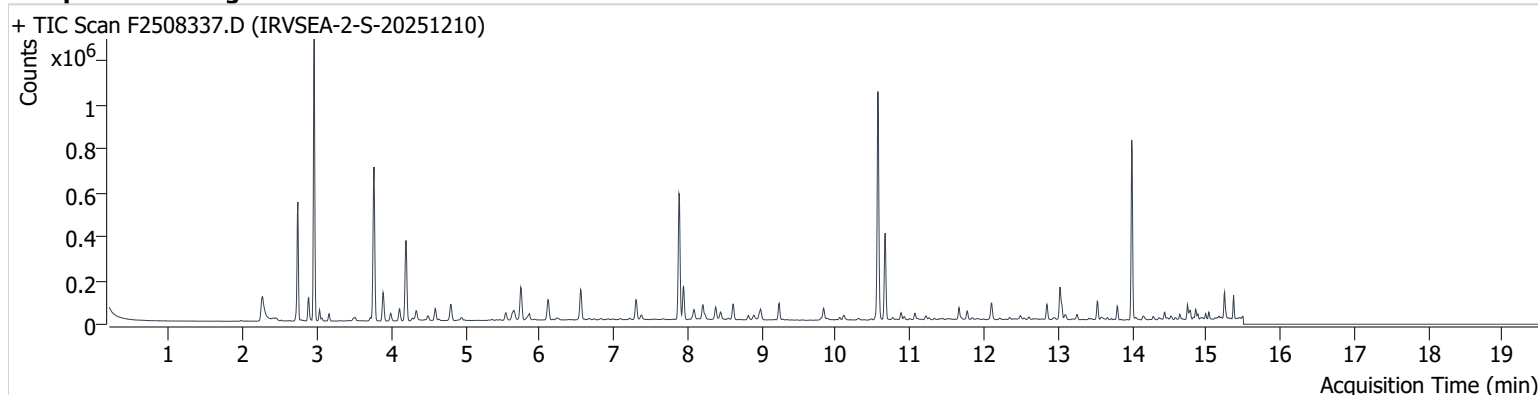


+ Scan (13.495-13.567 min, 11 scans) F2508336.D



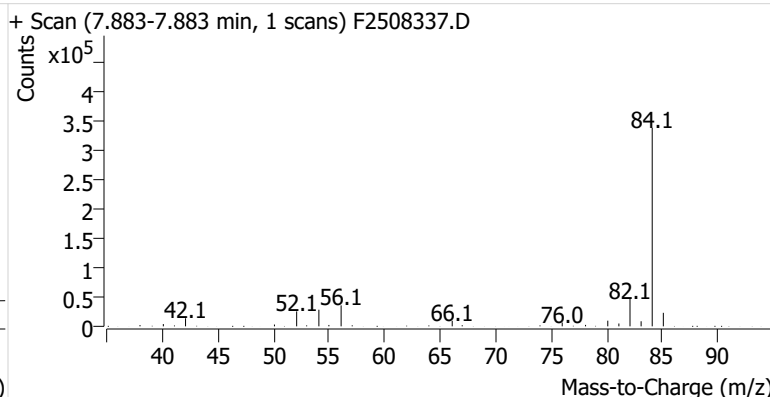
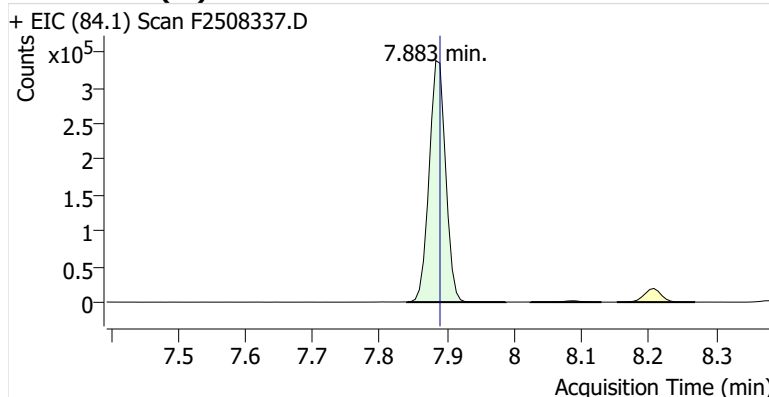
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Acq. Method File M325B-MTD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

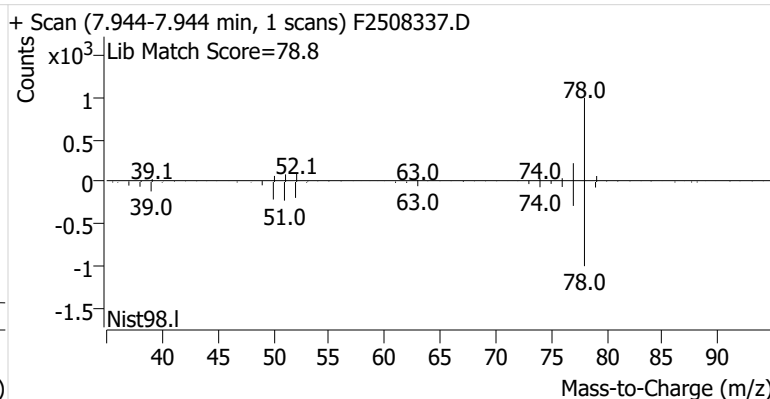
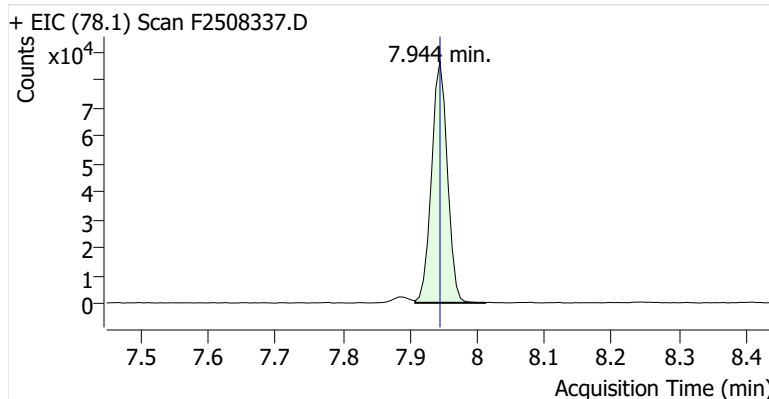


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.883	7.889	574,276	
Benzene	benzene-d6 (IS)	7.944	7.945	141,200	
Toluene-d8 (IS)		10.569	10.569	661,290	
Toluene	Toluene-d8 (IS)	10.667	10.667	267,594	
Ethylbenzene	Toluene-d8 (IS)	12.851	12.851	46,280	
m-/p-Xylenes	Toluene-d8 (IS)	13.028	13.028	111,635	
o-Xylene	Toluene-d8 (IS)	13.530	13.530	47,138	

benzene-d6 (IS)

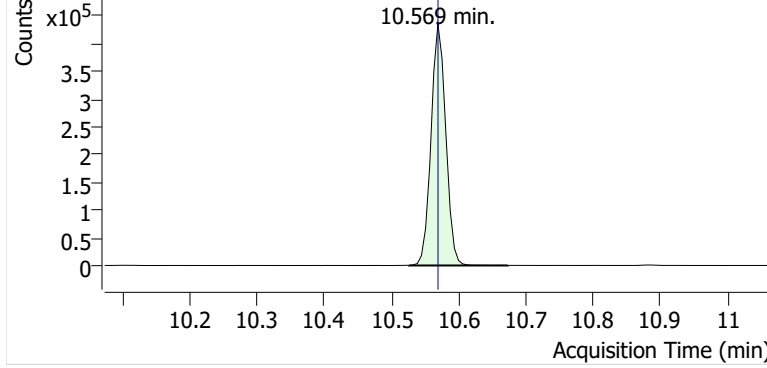


Benzene

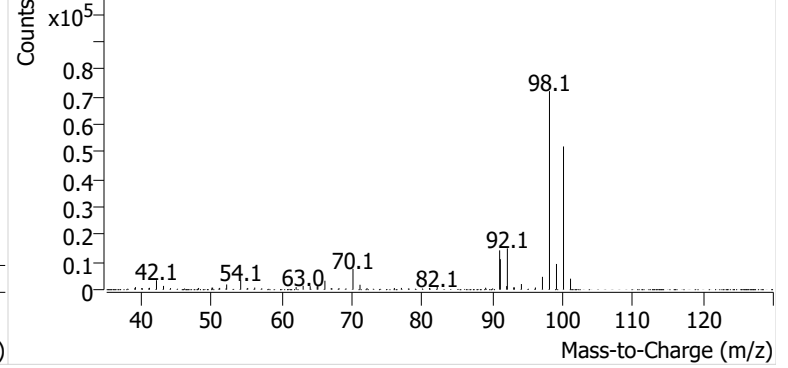


Toluene-d8 (IS)

+ EIC (98.1) Scan F2508337.D

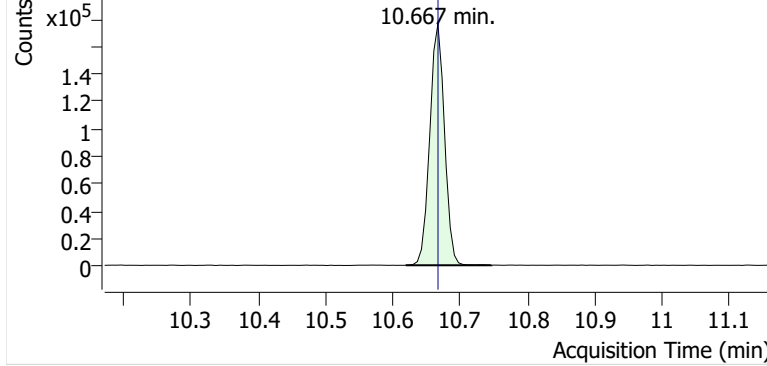


+ Scan (10.526-10.673 min, 25 scans) F2508337.D

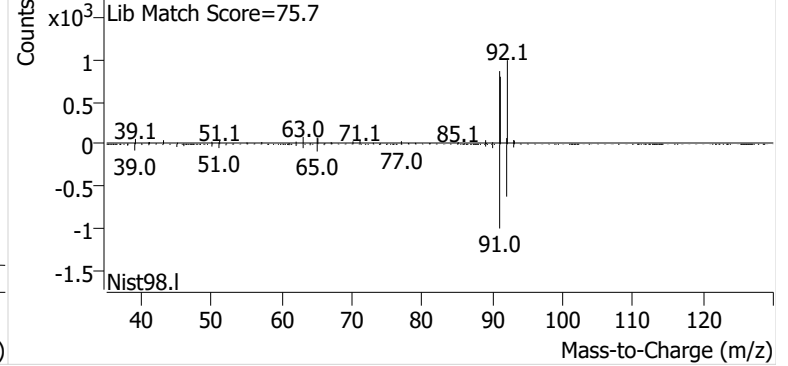


Toluene

+ EIC (91.1) Scan F2508337.D

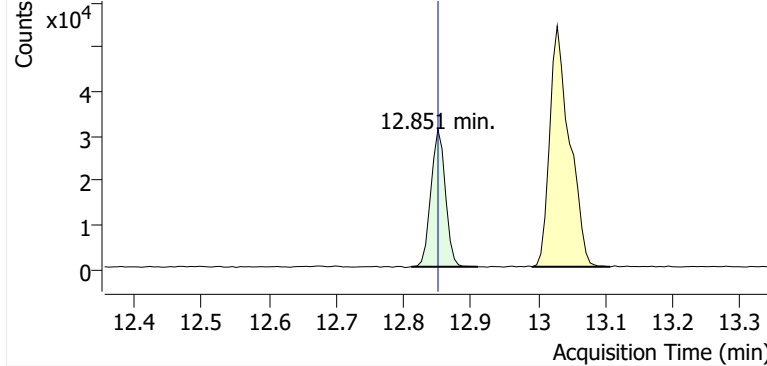


+ Scan (10.619-10.746 min, 21 scans) F2508337.D

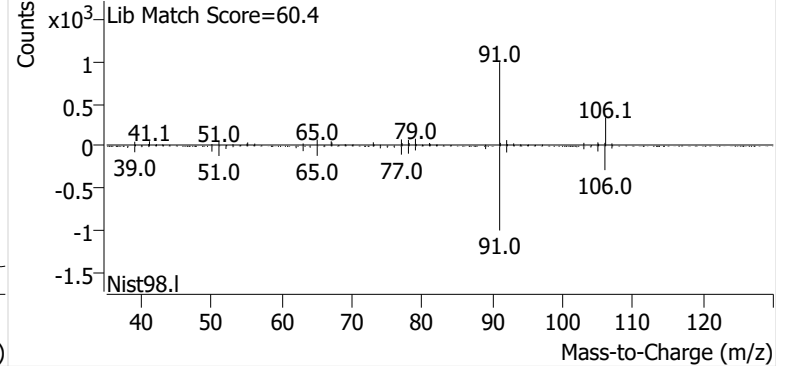


Ethylbenzene

+ EIC (91.1) Scan F2508337.D

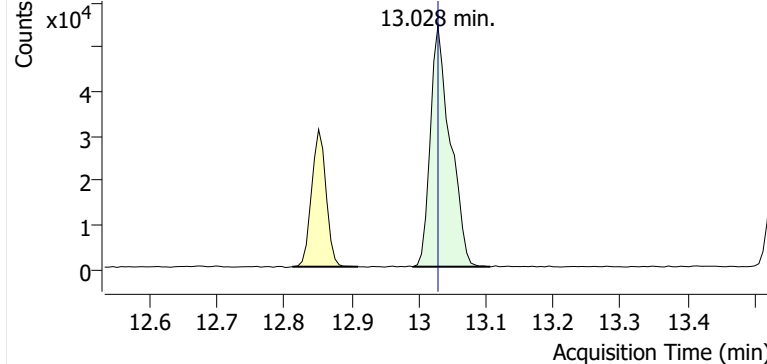


+ Scan (12.811-12.910 min, 16 scans) F2508337.D

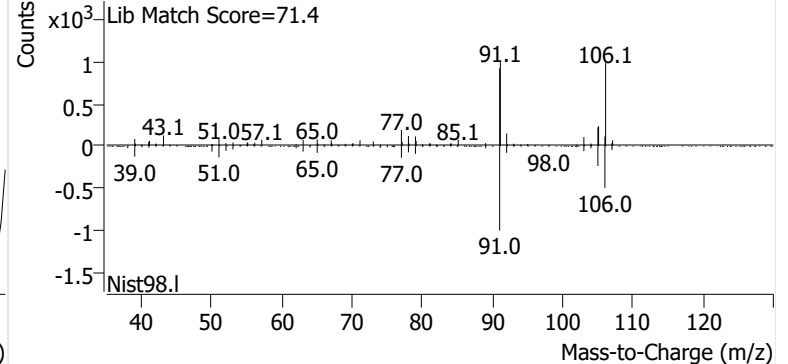


m-/p-Xylenes

+ EIC (91.1) Scan F2508337.D

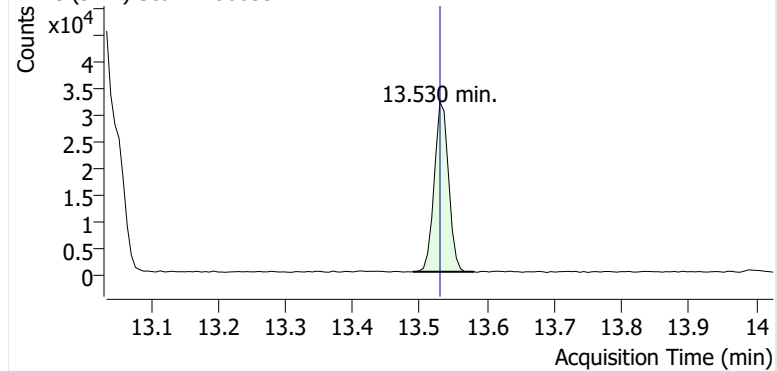


+ Scan (12.992-13.106 min, 19 scans) F2508337.D

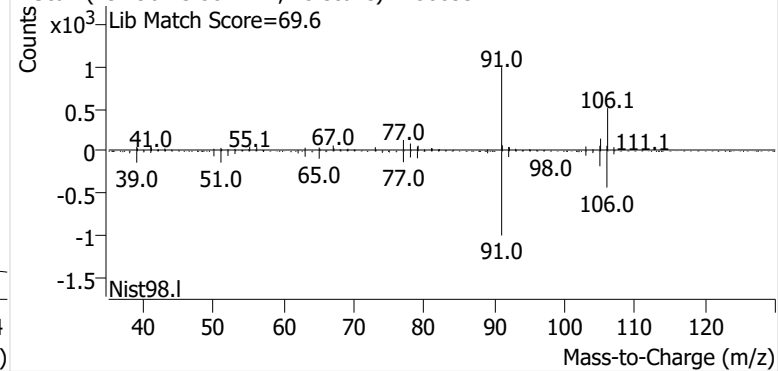


o-Xylene

+ EIC (91.1) Scan F2508337.D

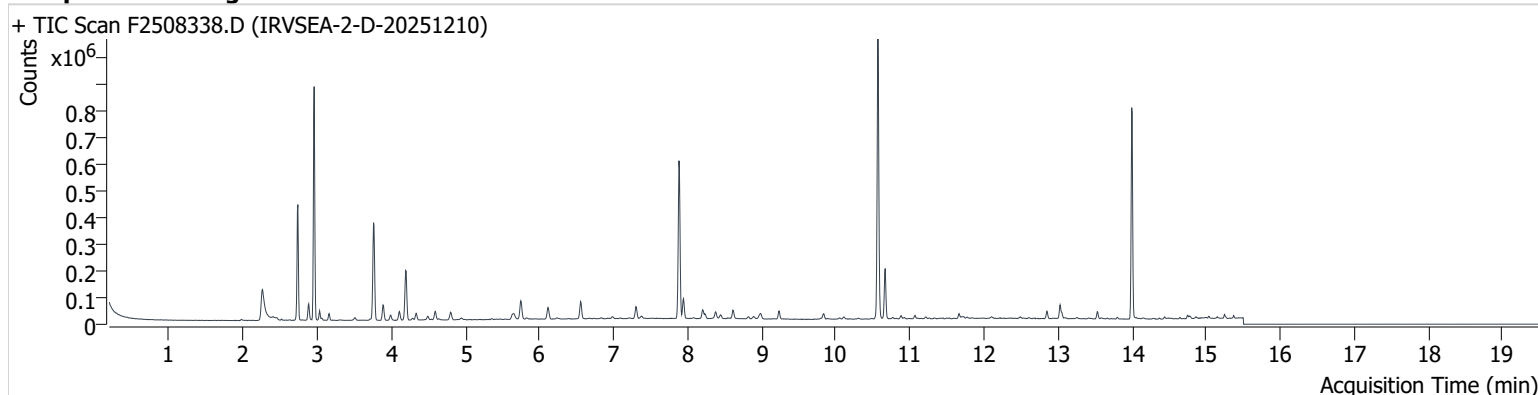


+ Scan (13.490-13.581 min, 15 scans) F2508337.D



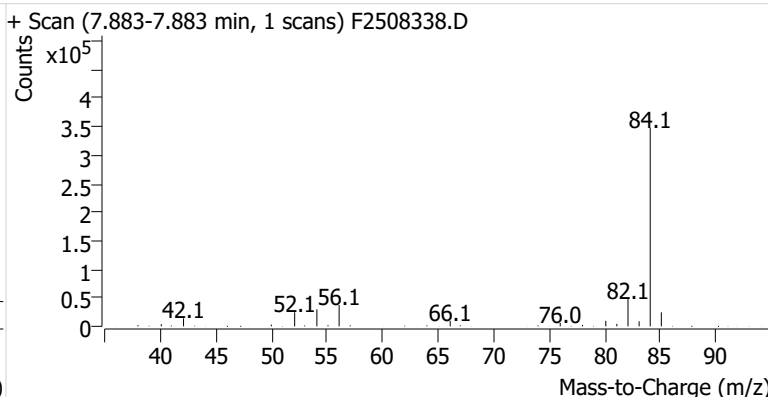
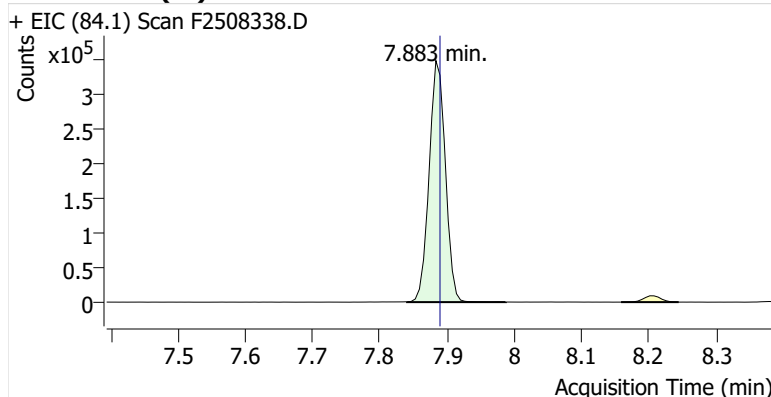
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Comment B52927
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Acq. Date-Time 12/25/2025 9:21:37 AM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

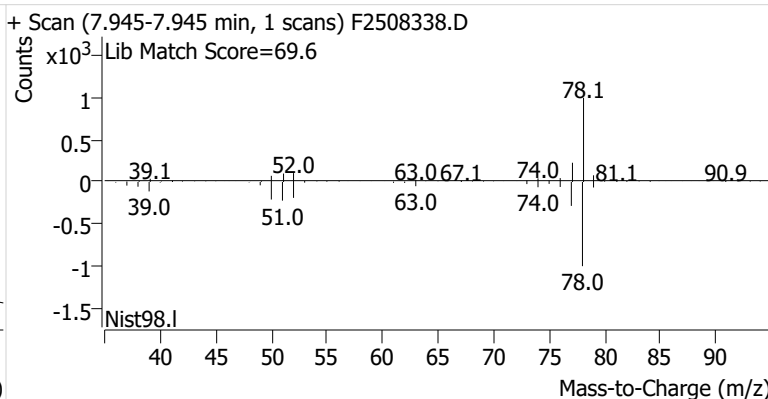
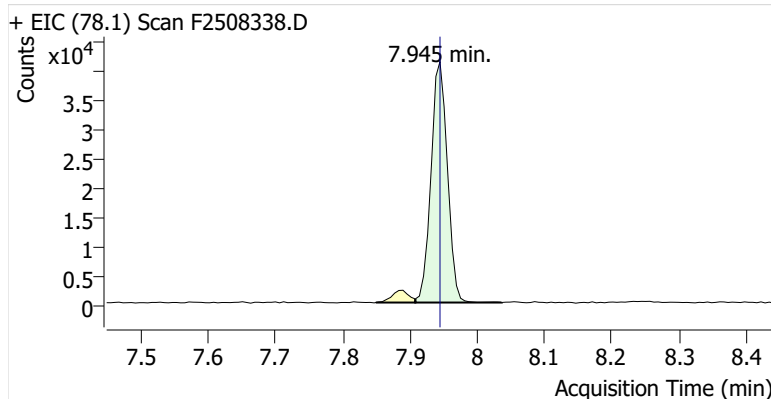


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.883	7.889	582,927	
Benzene	benzene-d6 (IS)	7.945	7.945	69,594	
Toluene-d8 (IS)		10.569	10.569	664,793	
Toluene	Toluene-d8 (IS)	10.667	10.667	125,034	
Ethylbenzene	Toluene-d8 (IS)	12.851	12.851	18,645	
m-/p-Xylenes	Toluene-d8 (IS)	13.028	13.028	37,491	
o-Xylene	Toluene-d8 (IS)	13.530	13.530	15,339	

benzene-d6 (IS)

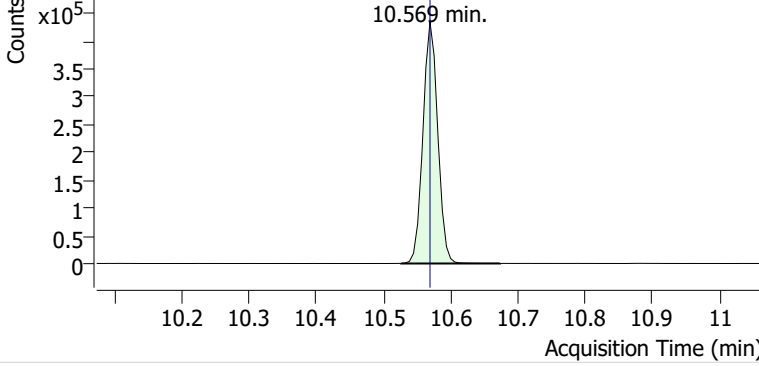


Benzene

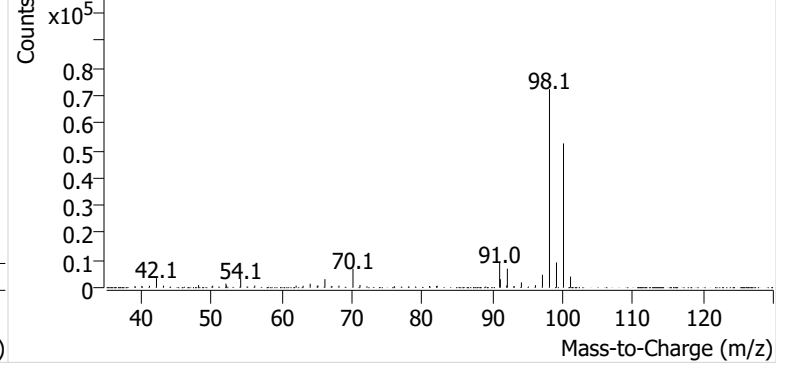


Toluene-d8 (IS)

+ EIC (98.1) Scan F2508338.D

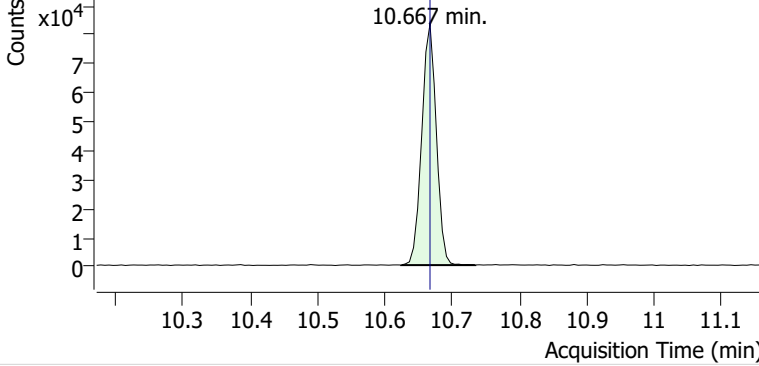


+ Scan (10.526-10.673 min, 25 scans) F2508338.D

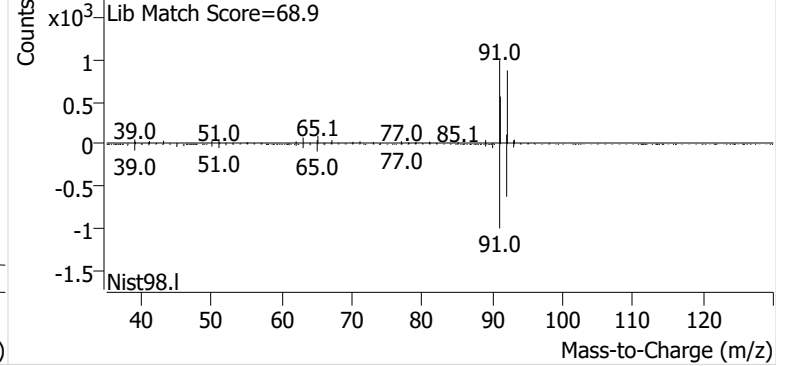


Toluene

+ EIC (91.1) Scan F2508338.D

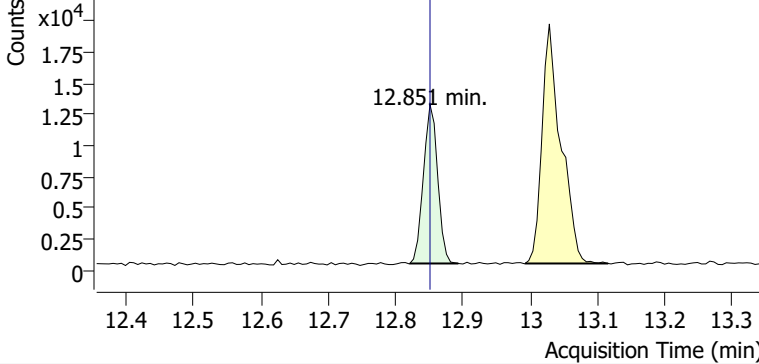


+ Scan (10.624-10.734 min, 19 scans) F2508338.D

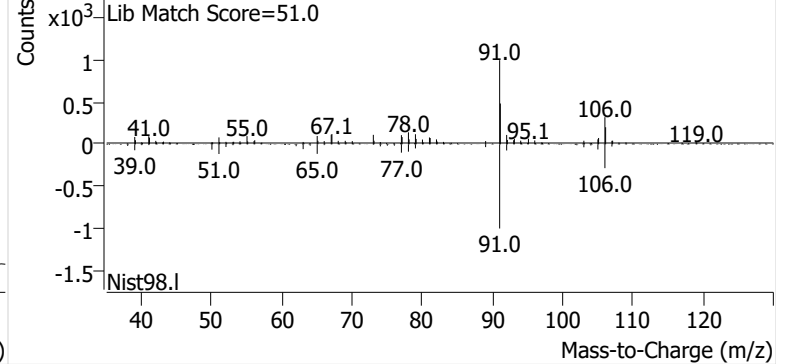


Ethylbenzene

+ EIC (91.1) Scan F2508338.D

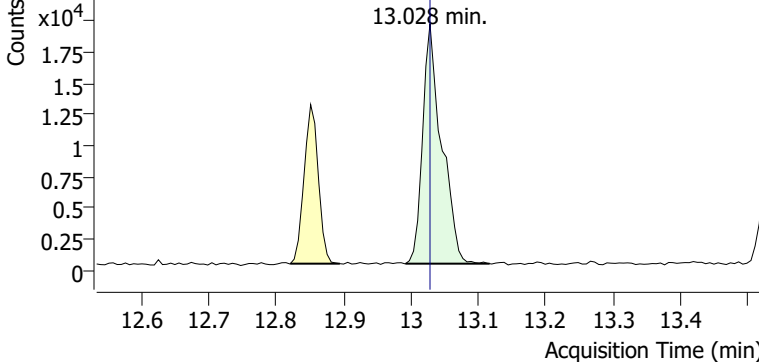


+ Scan (12.821-12.893 min, 11 scans) F2508338.D

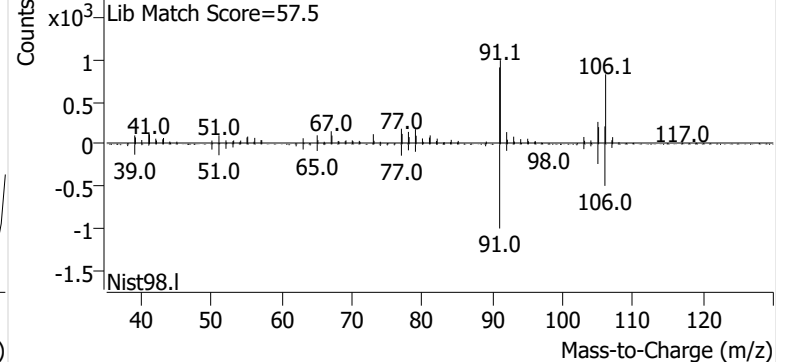


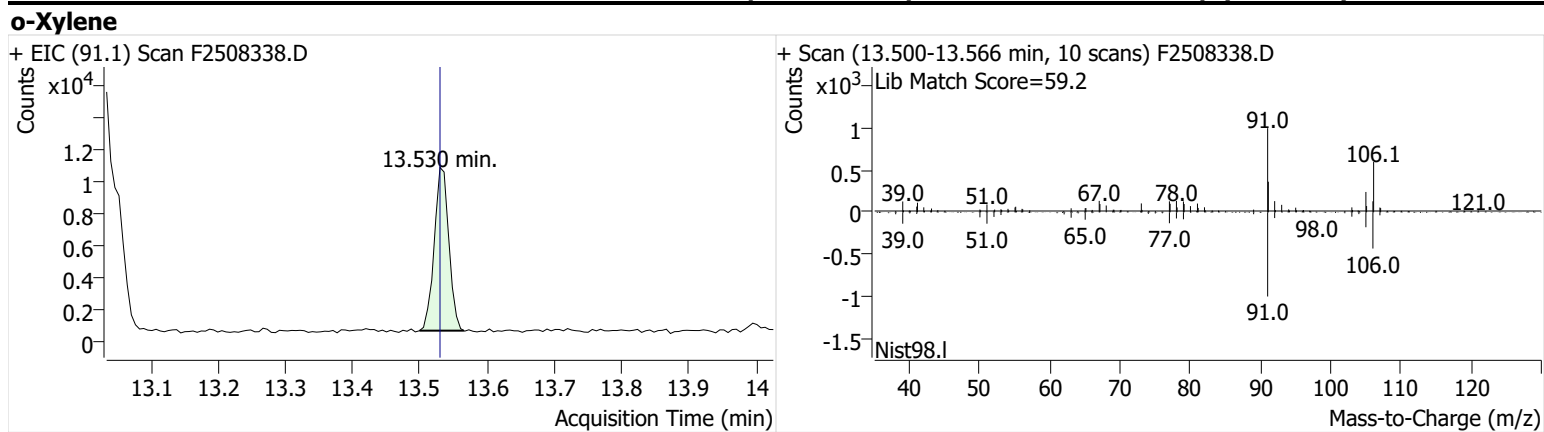
m-/p-Xylenes

+ EIC (91.1) Scan F2508338.D



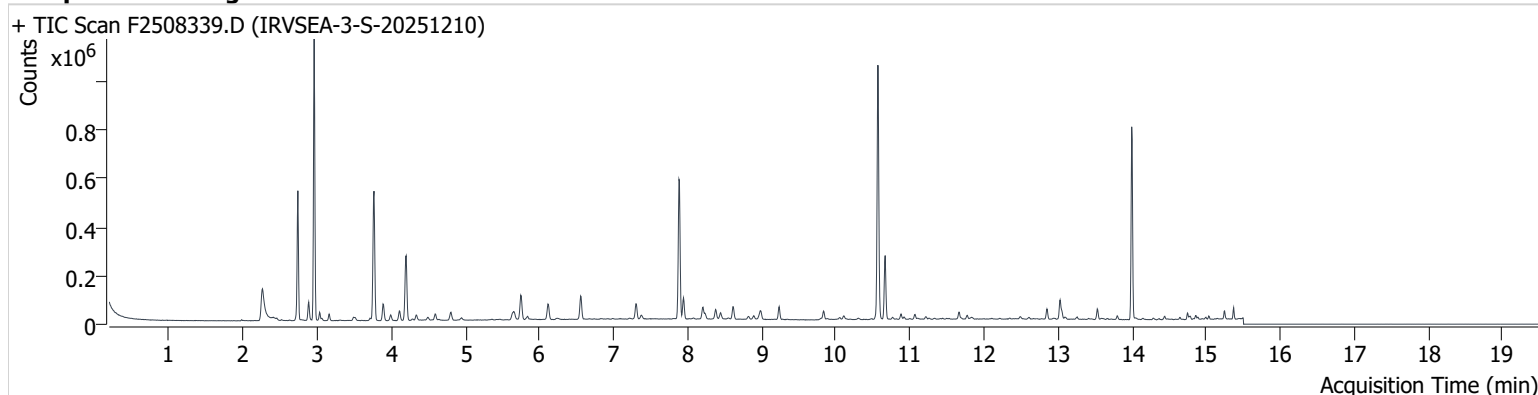
+ Scan (12.992-13.117 min, 20 scans) F2508338.D





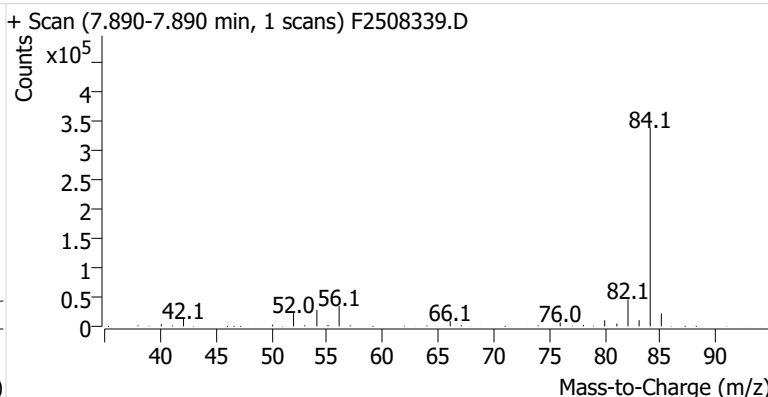
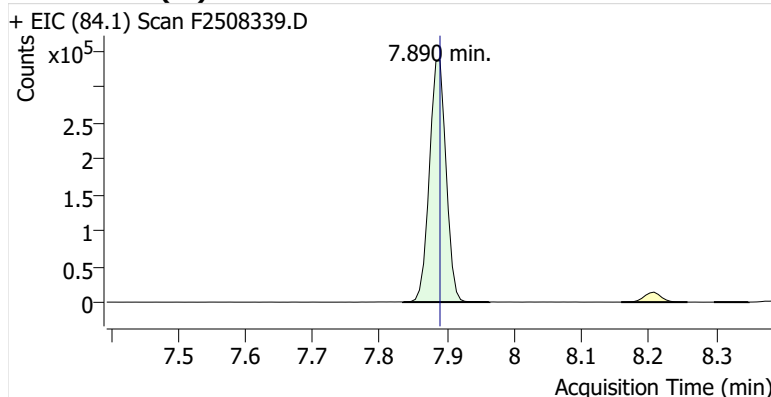
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Comment C39201
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Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

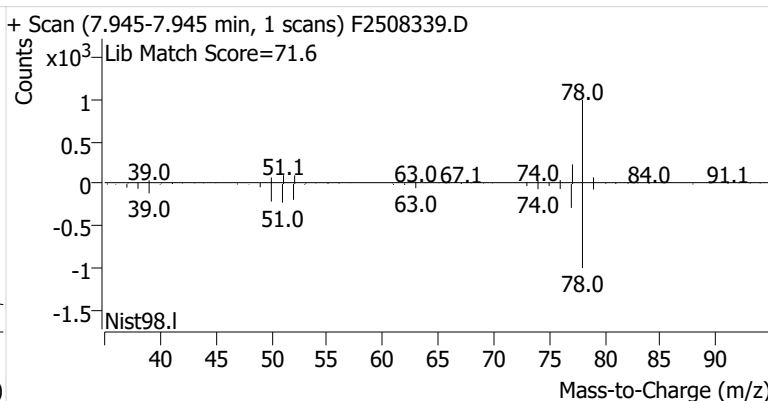
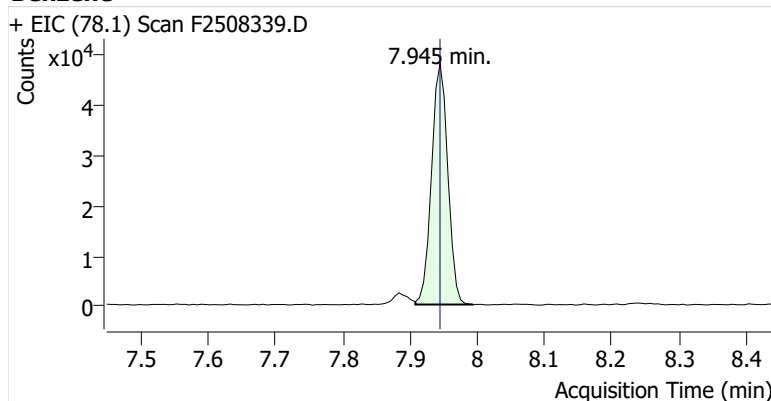


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.890	7.889	580,913	
Benzene	benzene-d6 (IS)	7.945	7.945	80,152	
Toluene-d8 (IS)		10.569	10.569	665,088	
Toluene	Toluene-d8 (IS)	10.667	10.667	177,652	
Ethylbenzene	Toluene-d8 (IS)	12.851	12.851	29,206	
m-/p-Xylenes	Toluene-d8 (IS)	13.028	13.028	60,977	
o-Xylene	Toluene-d8 (IS)	13.530	13.530	24,834	

benzene-d6 (IS)

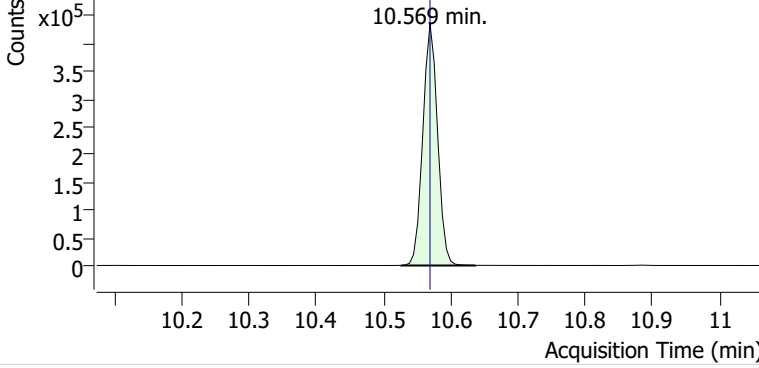


Benzene

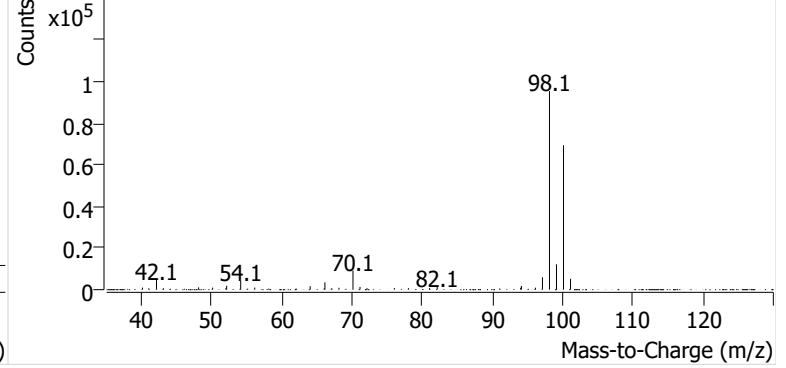


Toluene-d8 (IS)

+ EIC (98.1) Scan F2508339.D

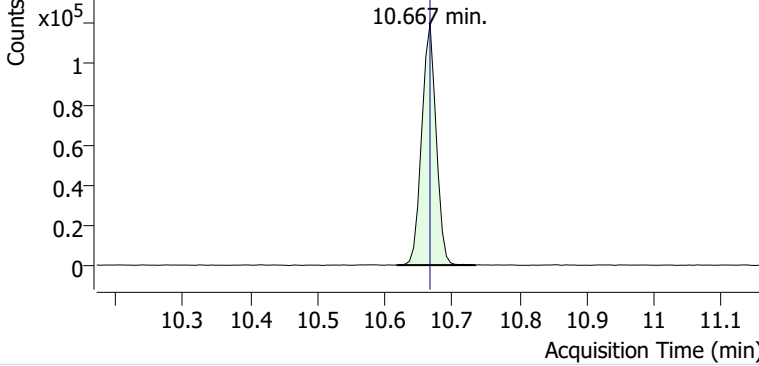


+ Scan (10.526-10.636 min, 19 scans) F2508339.D

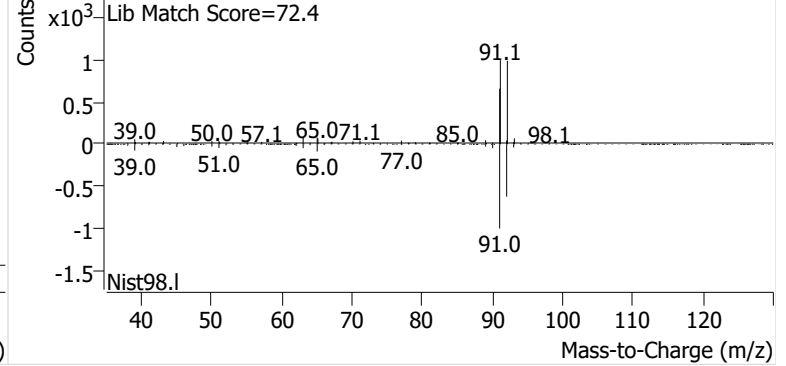


Toluene

+ EIC (91.1) Scan F2508339.D

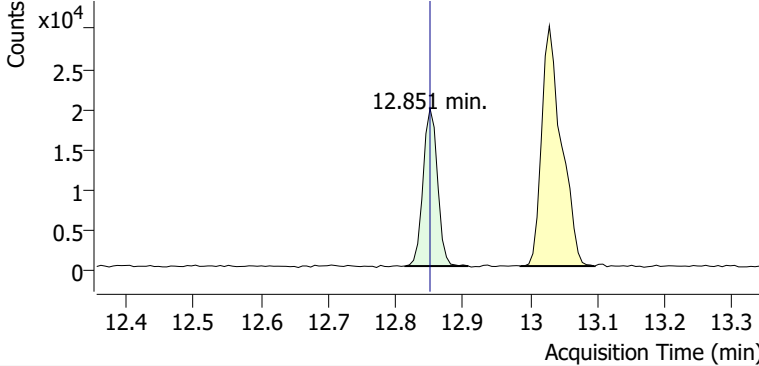


+ Scan (10.618-10.734 min, 20 scans) F2508339.D

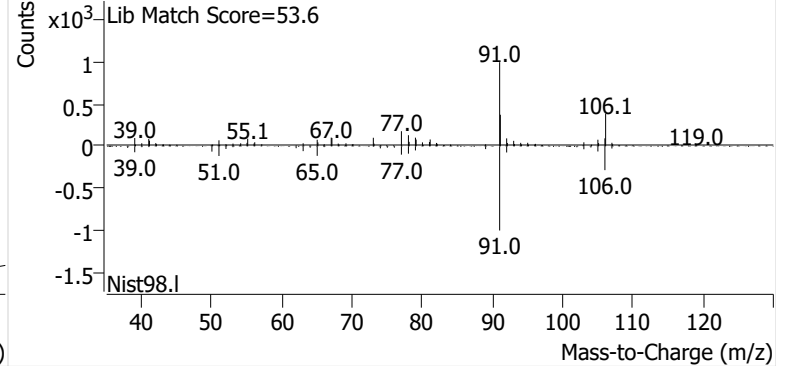


Ethylbenzene

+ EIC (91.1) Scan F2508339.D

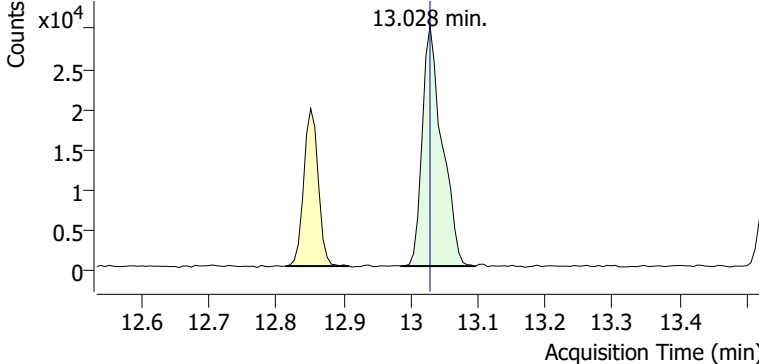


+ Scan (12.814-12.908 min, 16 scans) F2508339.D

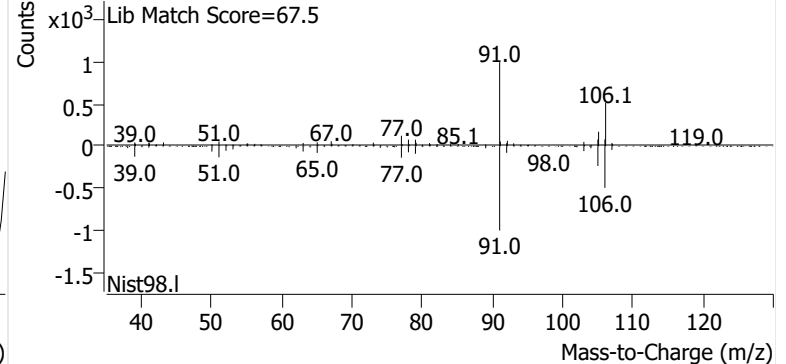


m-/p-Xylenes

+ EIC (91.1) Scan F2508339.D

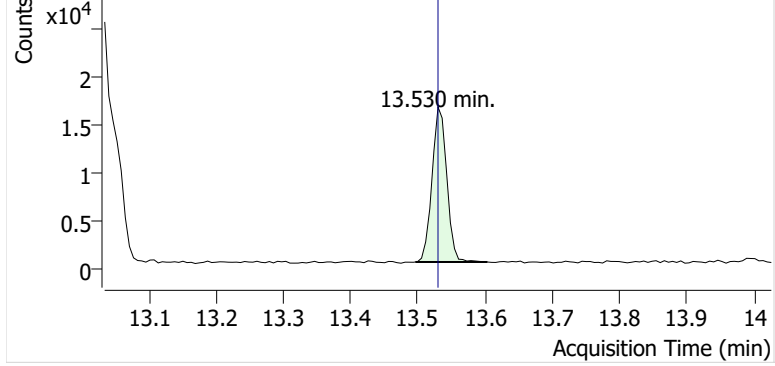


+ Scan (12.986-13.096 min, 19 scans) F2508339.D

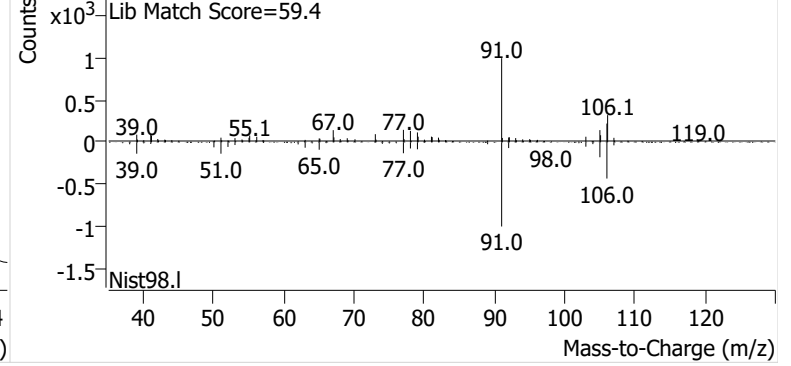


o-Xylene

+ EIC (91.1) Scan F2508339.D

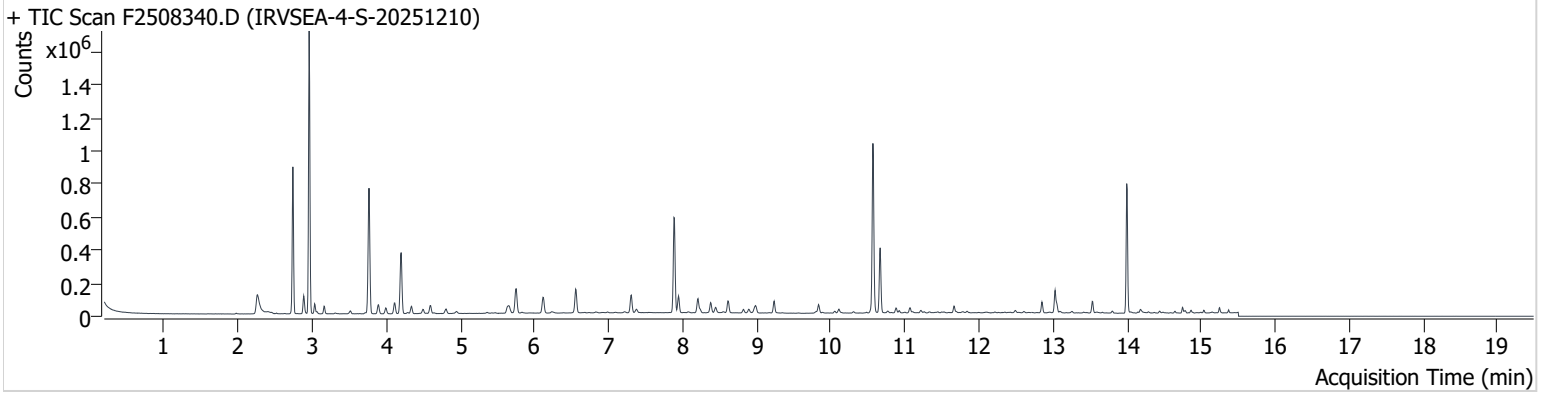


+ Scan (13.496-13.604 min, 17 scans) F2508339.D



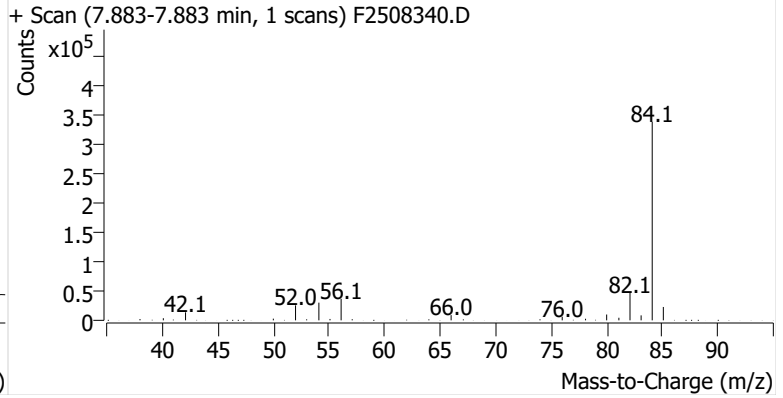
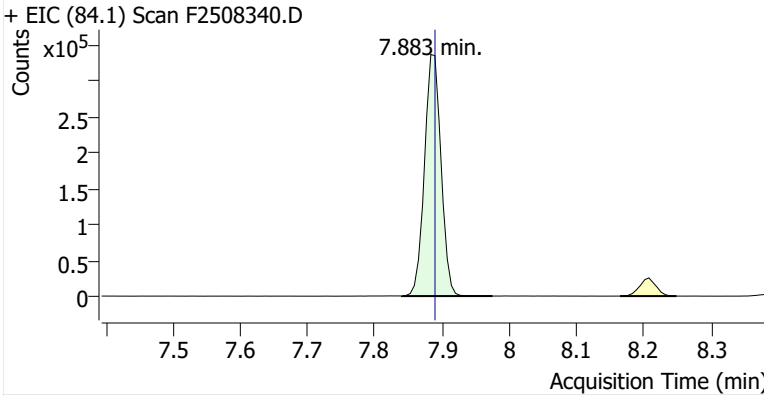
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Comment B43043
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Acq. Date-Time 12/25/2025 10:12:25 AM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

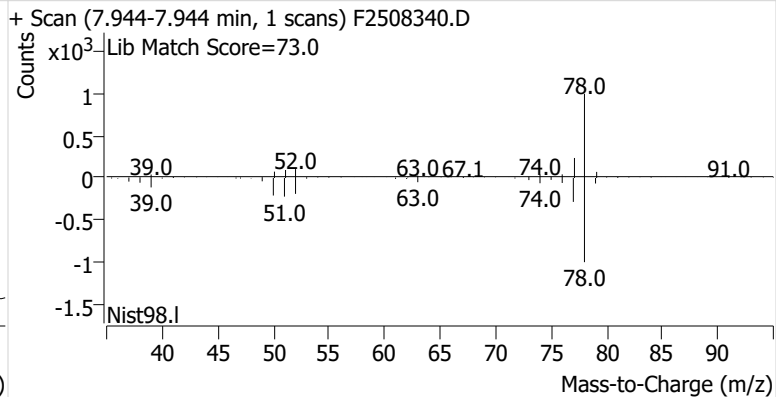
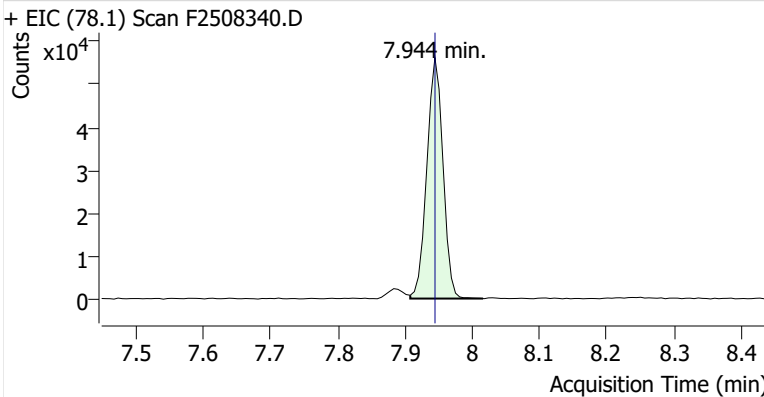


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.883	7.889	577,363	
Benzene	benzene-d6 (IS)	7.944	7.945	93,162	
Toluene-d8 (IS)		10.569	10.569	669,149	
Toluene	Toluene-d8 (IS)	10.667	10.667	270,772	
Ethylbenzene	Toluene-d8 (IS)	12.851	12.851	44,021	
m-/p-Xylenes	Toluene-d8 (IS)	13.028	13.028	99,163	
o-Xylene	Toluene-d8 (IS)	13.530	13.530	41,460	

benzene-d6 (IS)

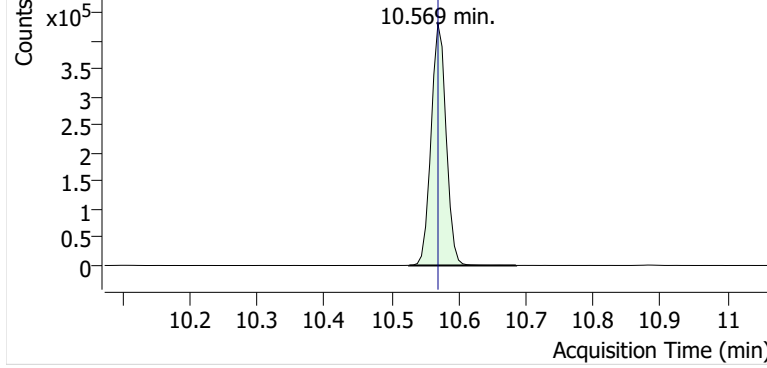


Benzene

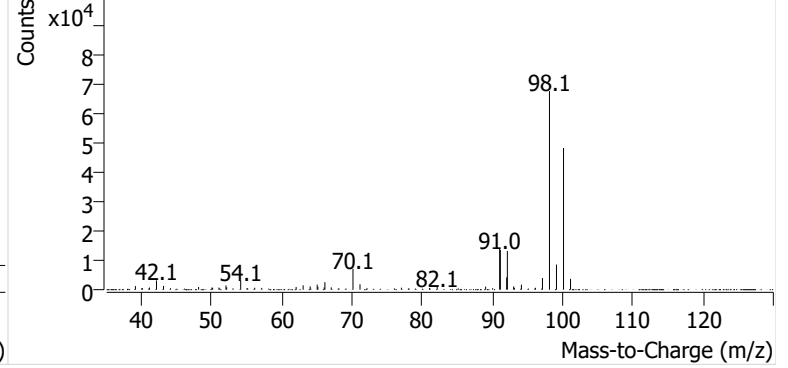


Toluene-d8 (IS)

+ EIC (98.1) Scan F2508340.D

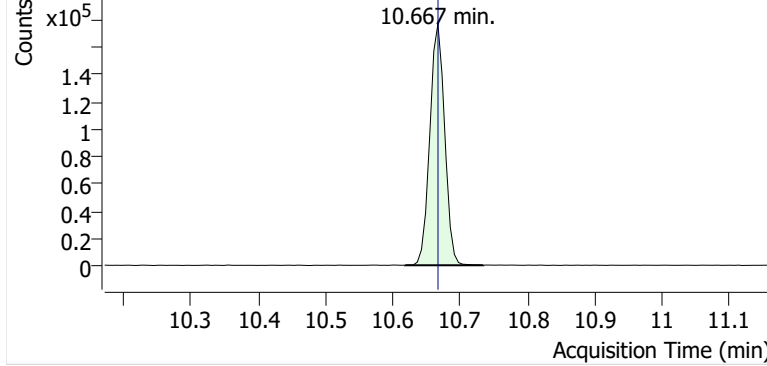


+ Scan (10.526-10.685 min, 27 scans) F2508340.D

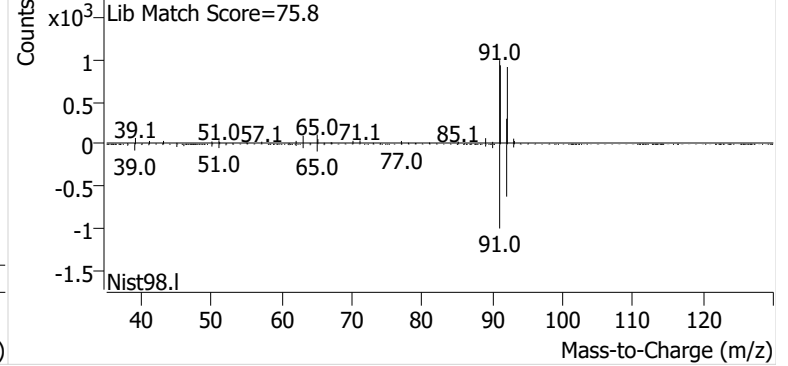


Toluene

+ EIC (91.1) Scan F2508340.D

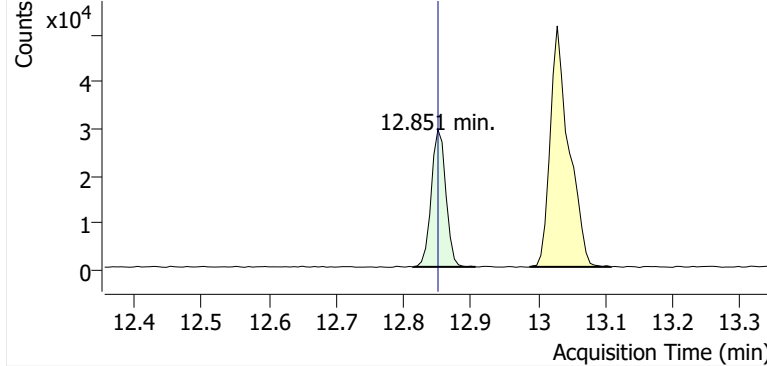


+ Scan (10.618-10.734 min, 20 scans) F2508340.D

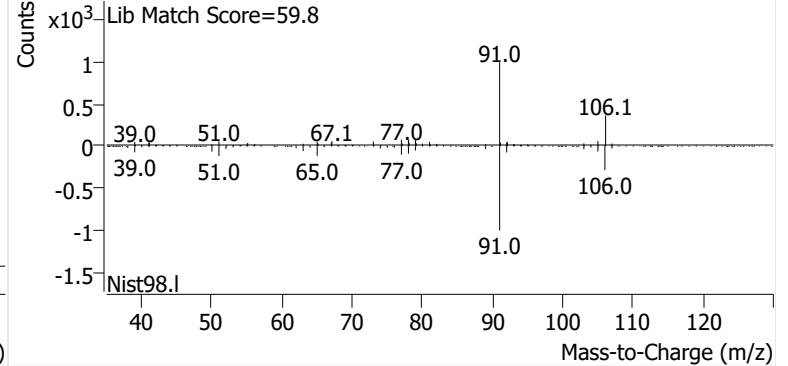


Ethylbenzene

+ EIC (91.1) Scan F2508340.D

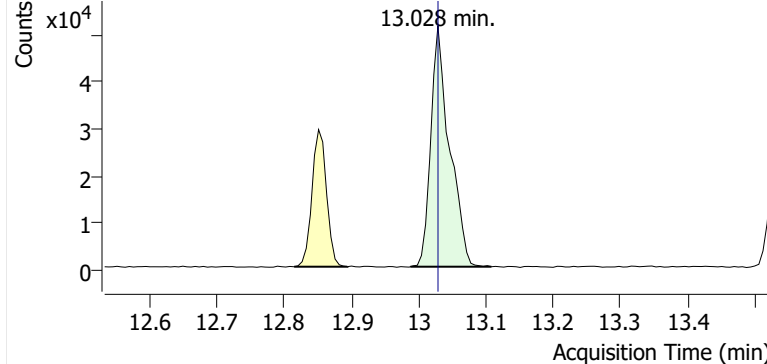


+ Scan (12.814-12.907 min, 16 scans) F2508340.D

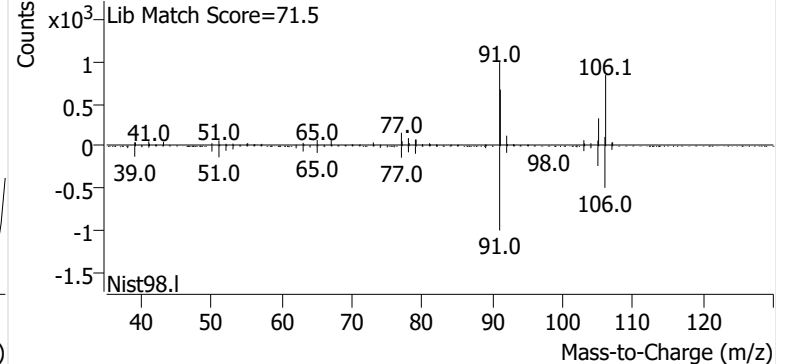


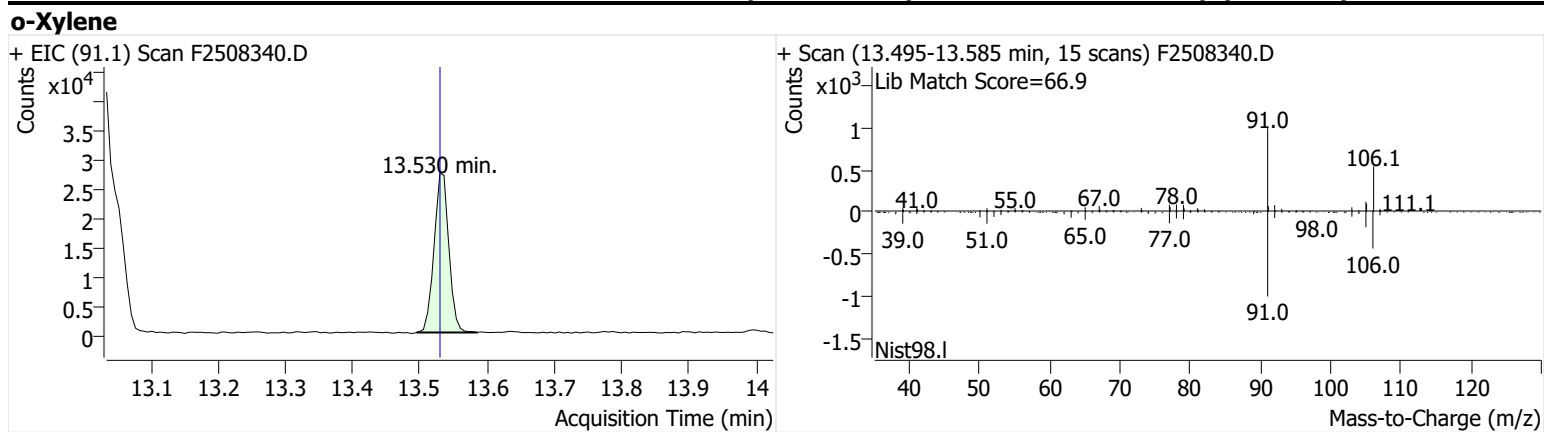
m-/p-Xylenes

+ EIC (91.1) Scan F2508340.D



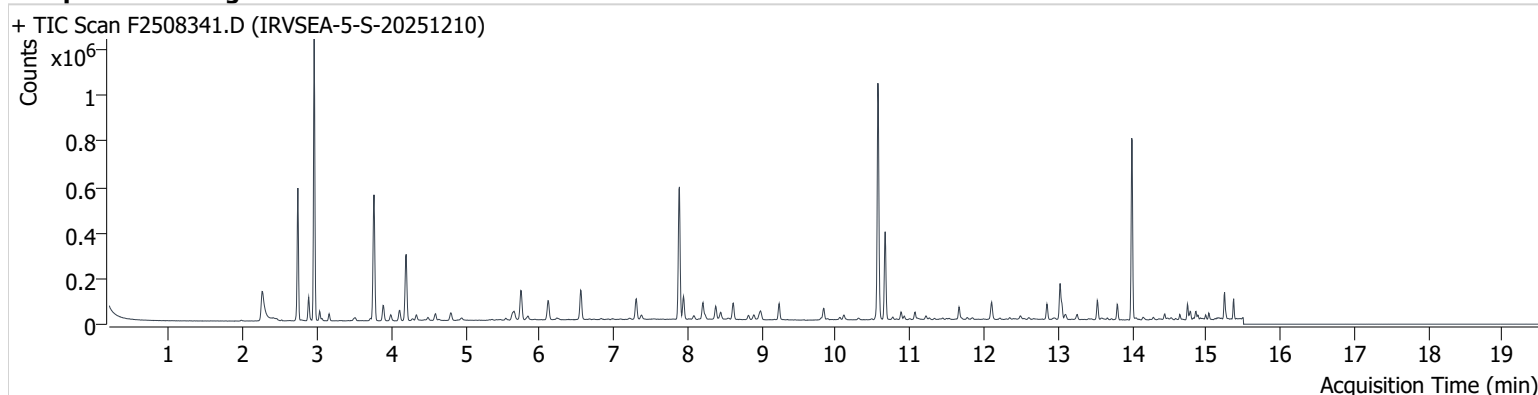
+ Scan (12.987-13.108 min, 19 scans) F2508340.D





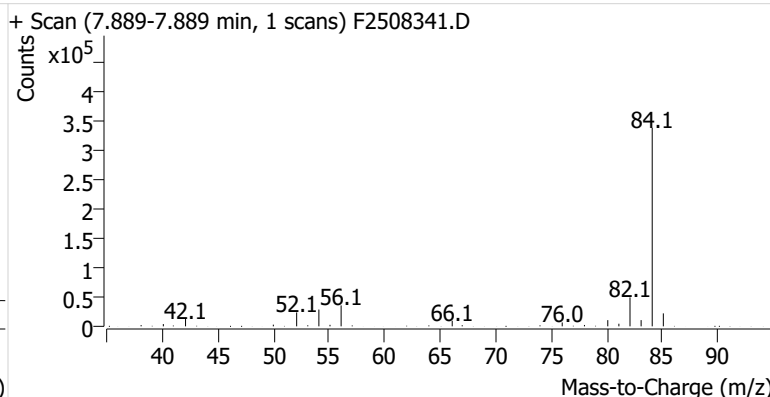
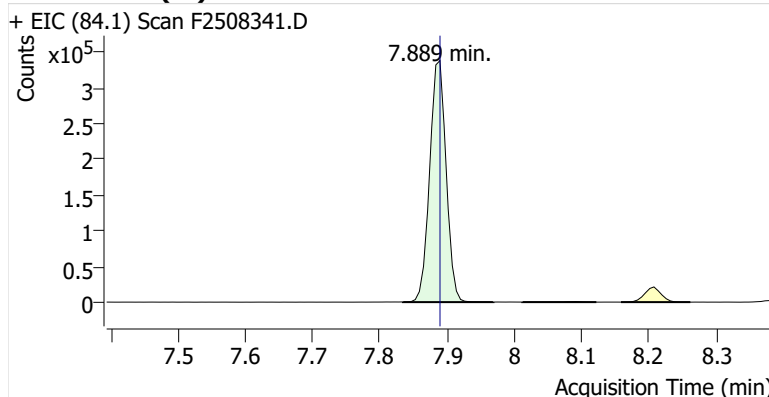
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Comment C60250
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Acq. Date-Time 12/25/2025 10:37:49 AM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

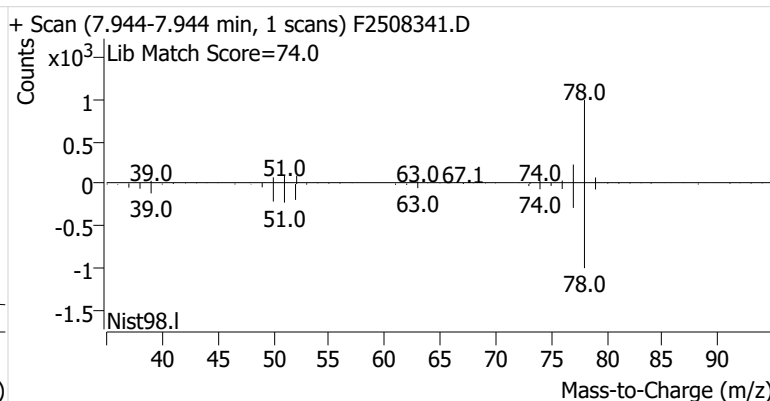
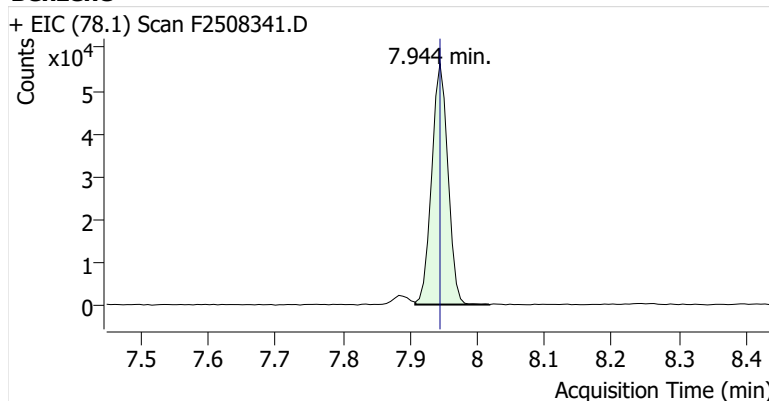


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.889	7.889	574,736	
Benzene	benzene-d6 (IS)	7.944	7.945	93,847	
Toluene-d8 (IS)		10.569	10.569	665,450	
Toluene	Toluene-d8 (IS)	10.667	10.667	263,974	
Ethylbenzene	Toluene-d8 (IS)	12.851	12.851	45,804	
m-/p-Xylenes	Toluene-d8 (IS)	13.028	13.028	118,502	
o-Xylene	Toluene-d8 (IS)	13.530	13.530	46,224	

benzene-d6 (IS)

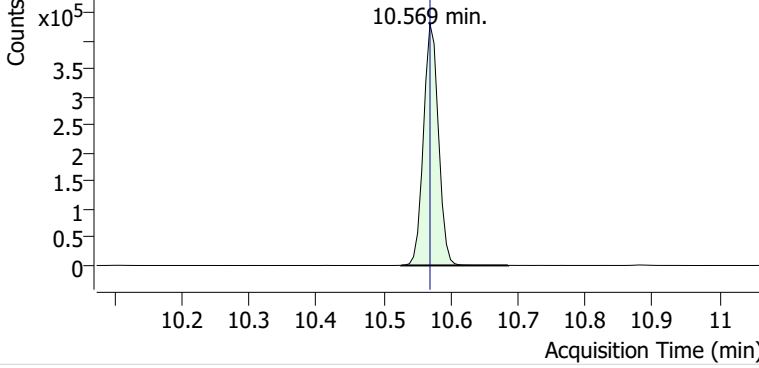


Benzene

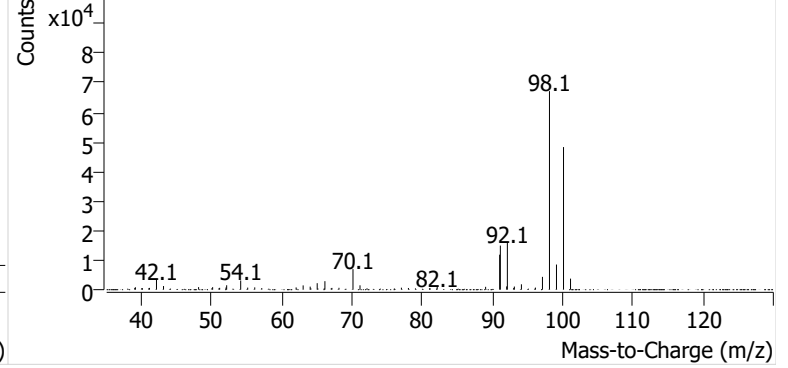


Toluene-d8 (IS)

+ EIC (98.1) Scan F2508341.D

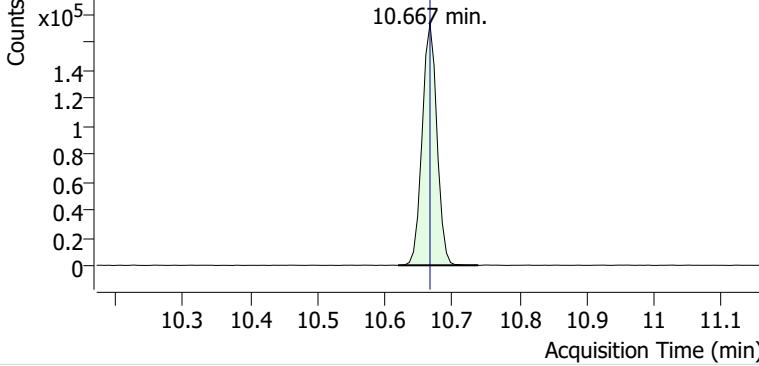


+ Scan (10.526-10.685 min, 27 scans) F2508341.D

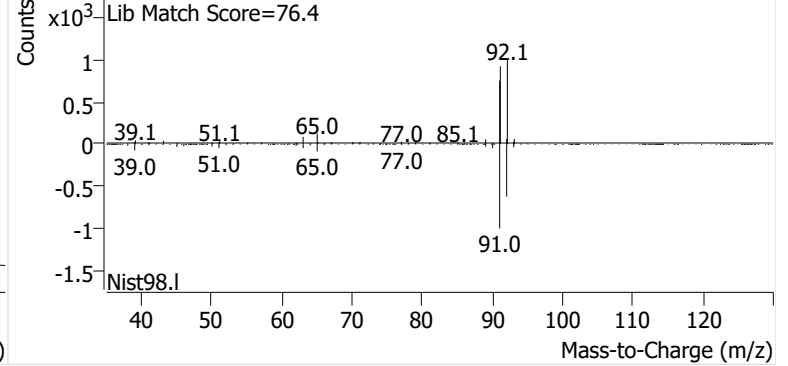


Toluene

+ EIC (91.1) Scan F2508341.D

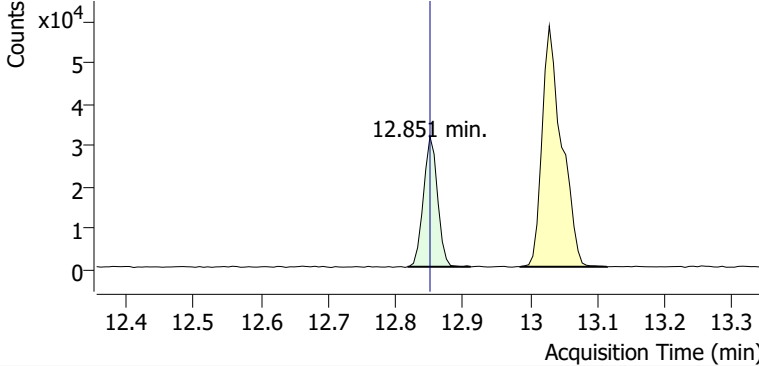


+ Scan (10.619-10.739 min, 19 scans) F2508341.D

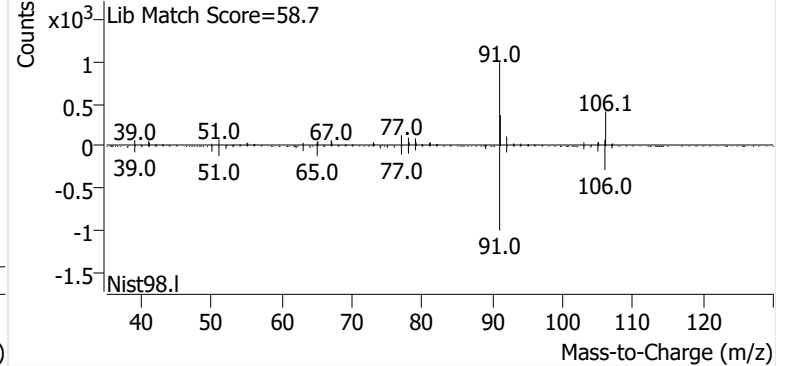


Ethylbenzene

+ EIC (91.1) Scan F2508341.D

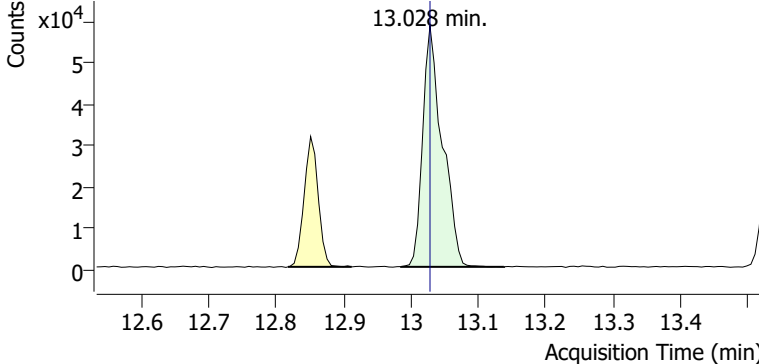


+ Scan (12.818-12.911 min, 15 scans) F2508341.D

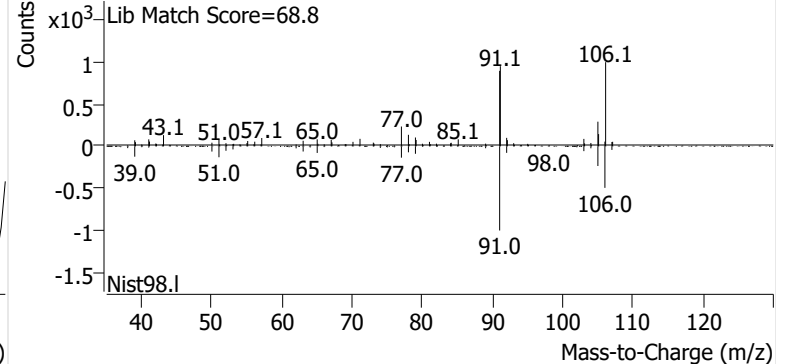


m-/p-Xylenes

+ EIC (91.1) Scan F2508341.D

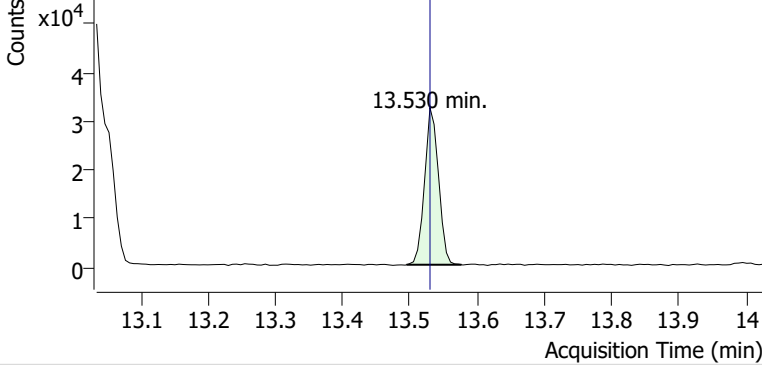


+ Scan (12.986-13.139 min, 26 scans) F2508341.D

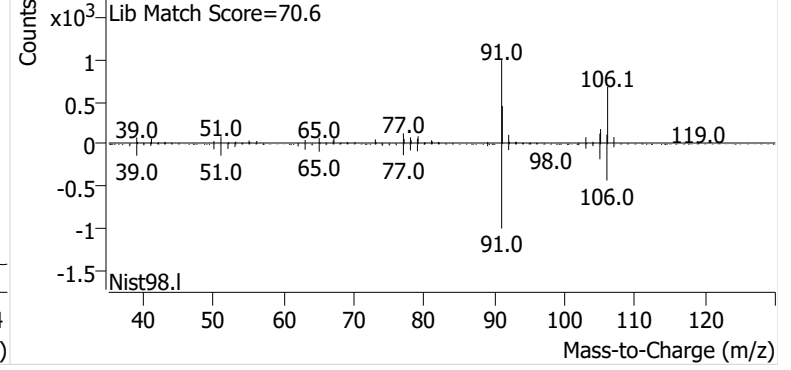


o-Xylene

+ EIC (91.1) Scan F2508341.D

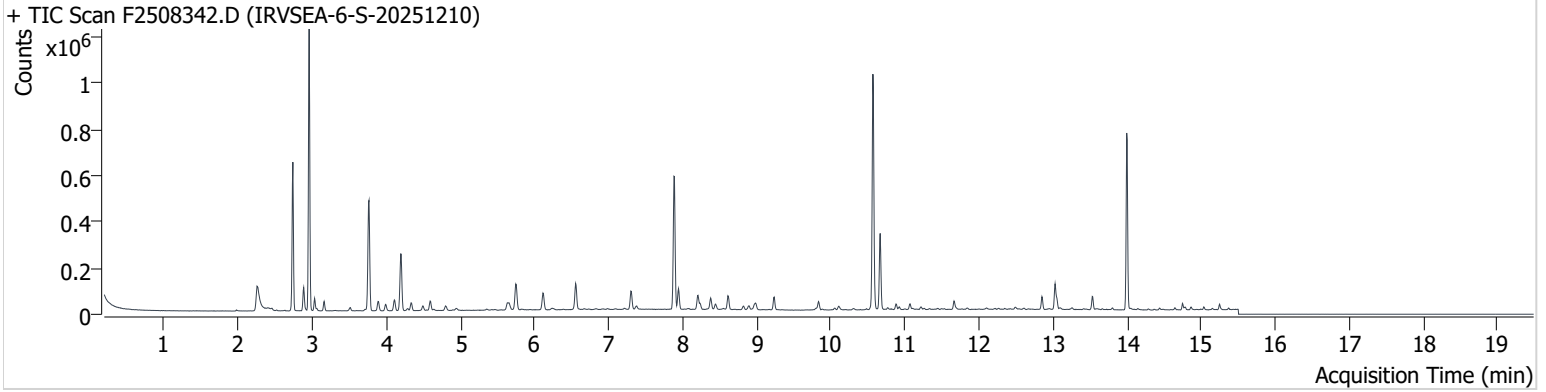


+ Scan (13.495-13.577 min, 13 scans) F2508341.D



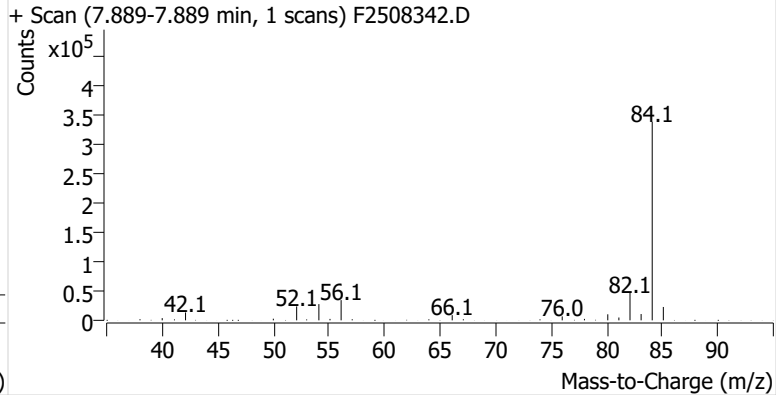
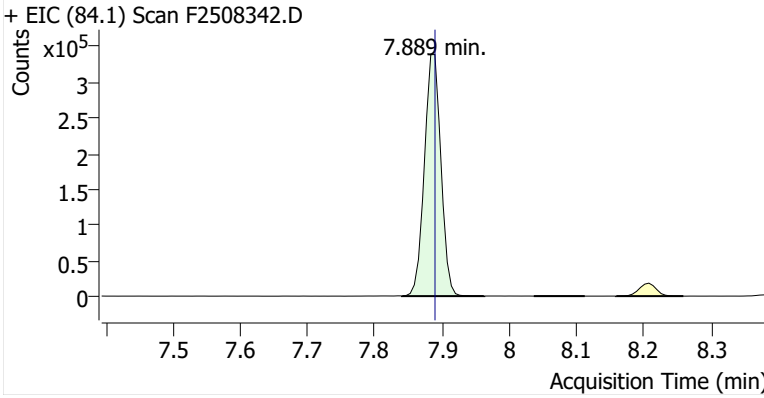
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Comment B40160
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Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

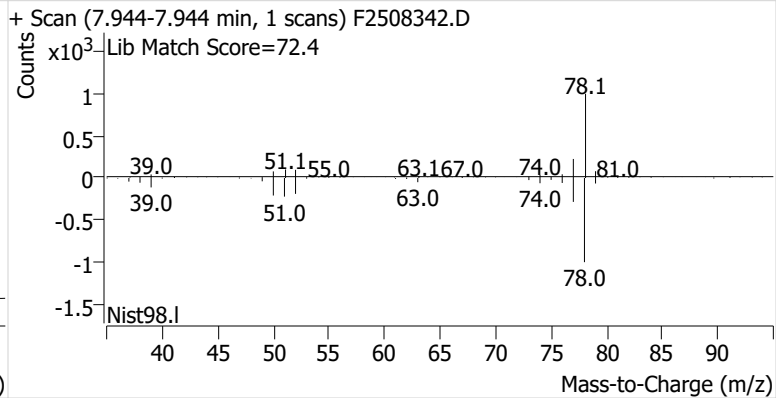
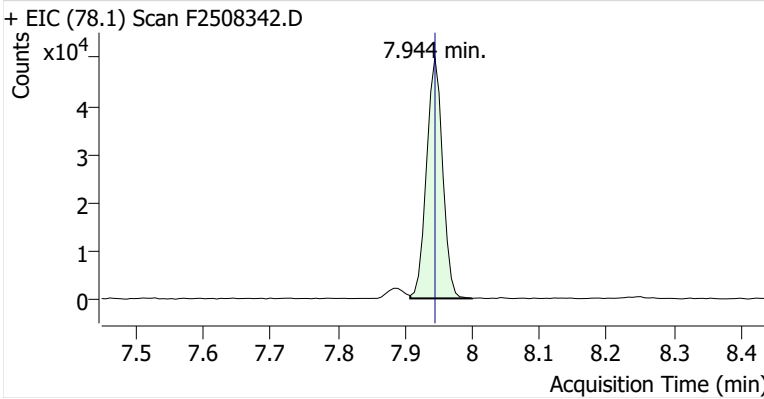


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.889	7.889	580,041	
Benzene	benzene-d6 (IS)	7.944	7.945	82,671	
Toluene-d8 (IS)		10.569	10.569	668,634	
Toluene	Toluene-d8 (IS)	10.667	10.667	225,515	
Ethylbenzene	Toluene-d8 (IS)	12.851	12.851	38,036	
m-/p-Xylenes	Toluene-d8 (IS)	13.028	13.028	82,267	
o-Xylene	Toluene-d8 (IS)	13.530	13.530	33,404	

benzene-d6 (IS)

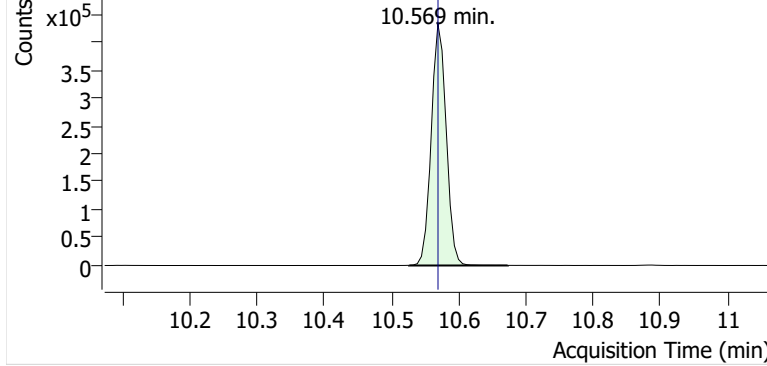


Benzene

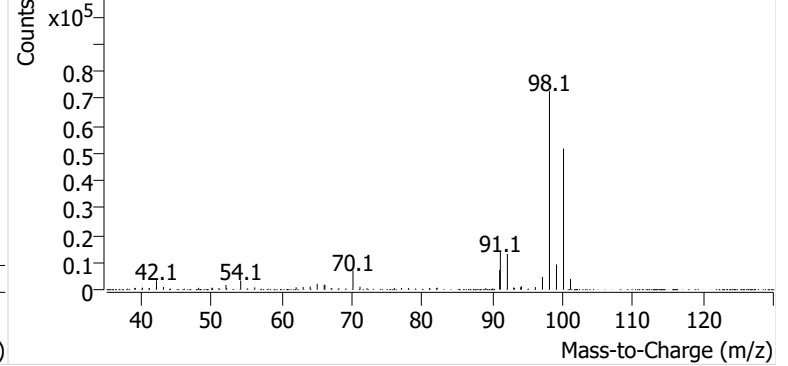


Toluene-d8 (IS)

+ EIC (98.1) Scan F2508342.D

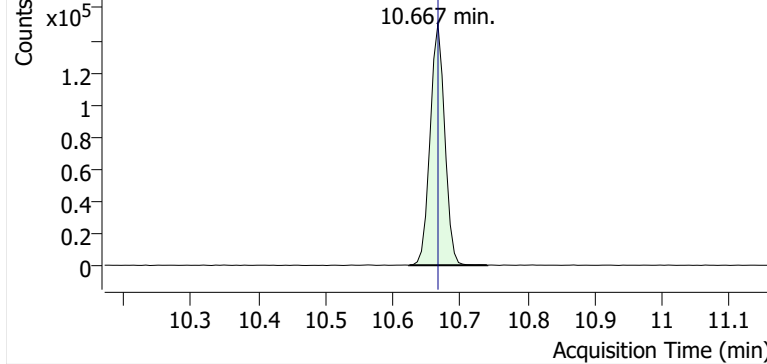


+ Scan (10.526-10.673 min, 25 scans) F2508342.D

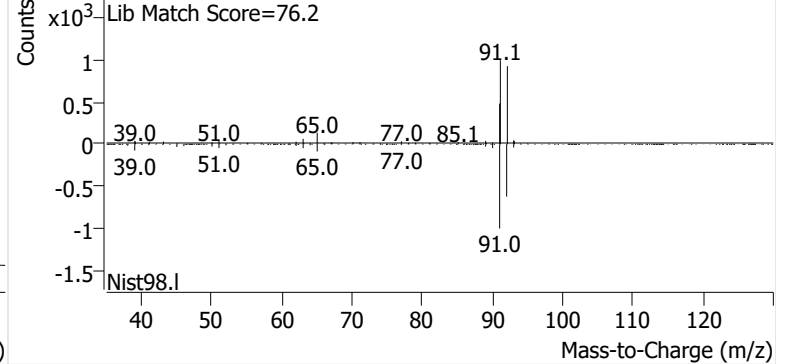


Toluene

+ EIC (91.1) Scan F2508342.D

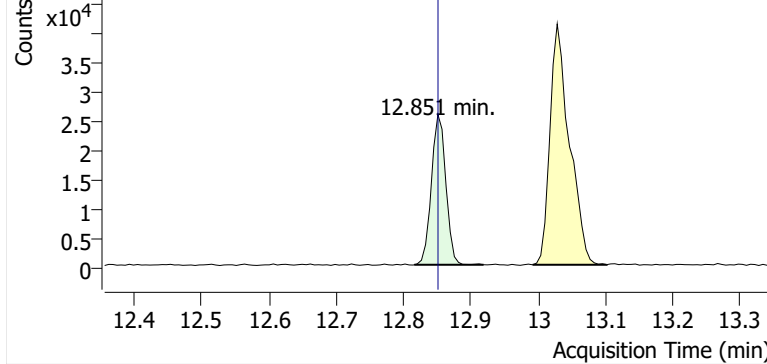


+ Scan (10.624-10.740 min, 20 scans) F2508342.D

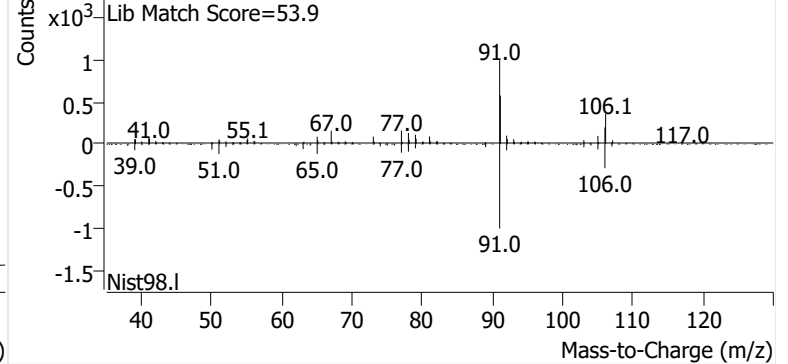


Ethylbenzene

+ EIC (91.1) Scan F2508342.D

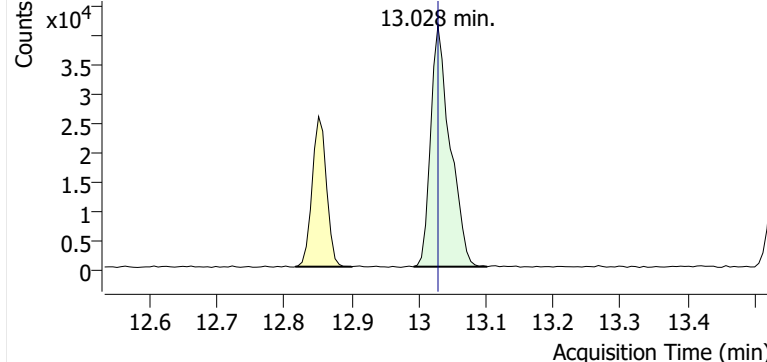


+ Scan (12.816-12.919 min, 17 scans) F2508342.D

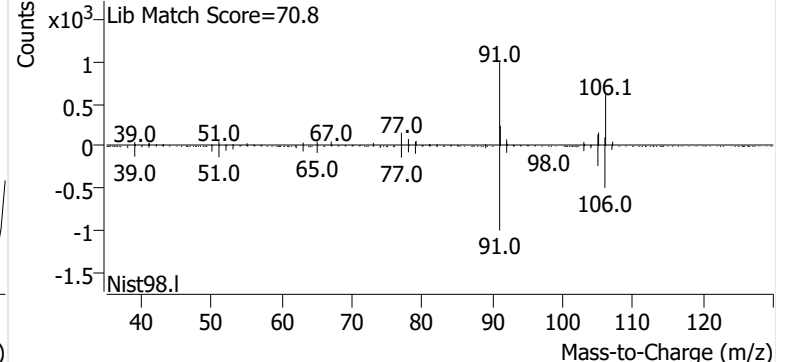


m-/p-Xylenes

+ EIC (91.1) Scan F2508342.D

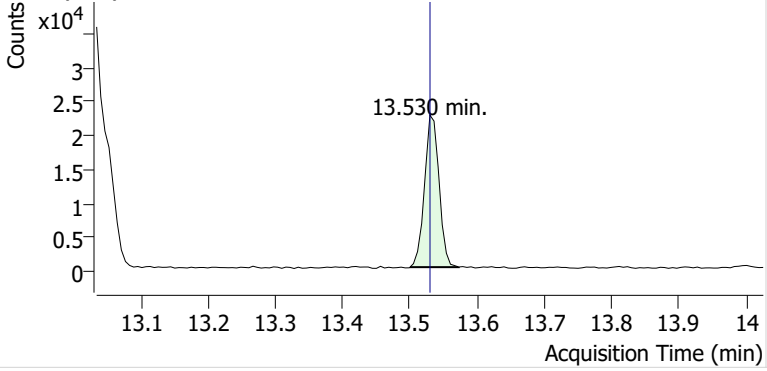


+ Scan (12.992-13.102 min, 17 scans) F2508342.D

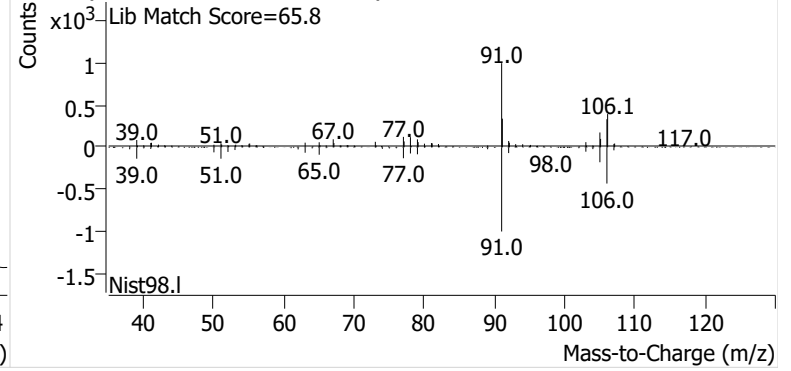


o-Xylene

+ EIC (91.1) Scan F2508342.D

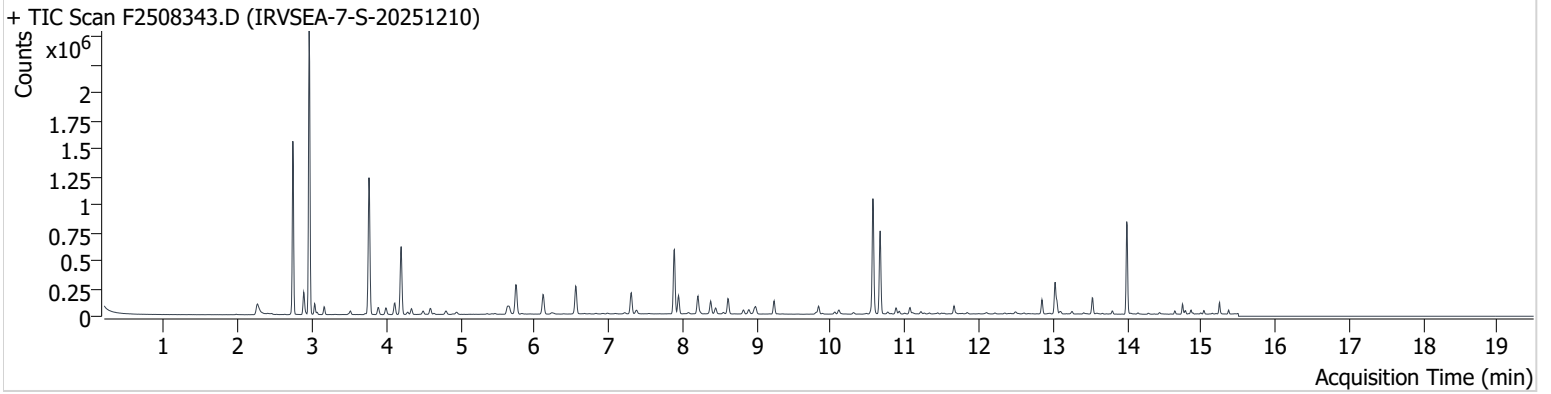


+ Scan (13.500-13.573 min, 12 scans) F2508342.D



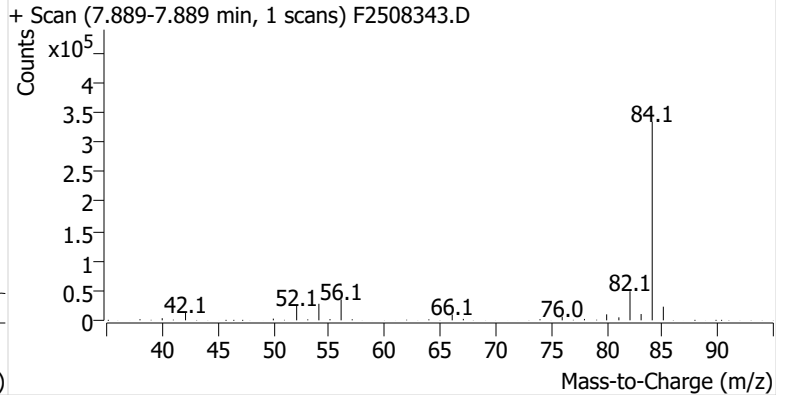
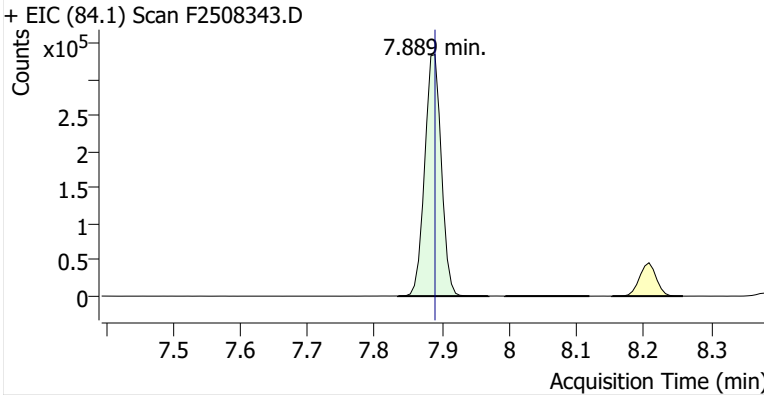
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Comment B47063
Data File F2508343.D
Acq. Date-Time 12/25/2025 11:28:31 AM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

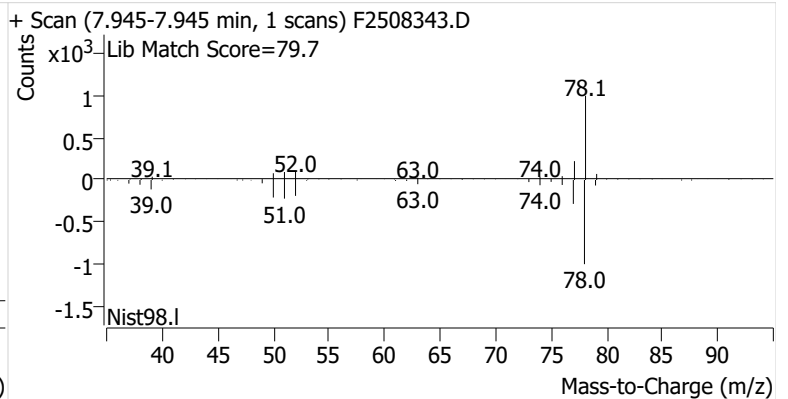
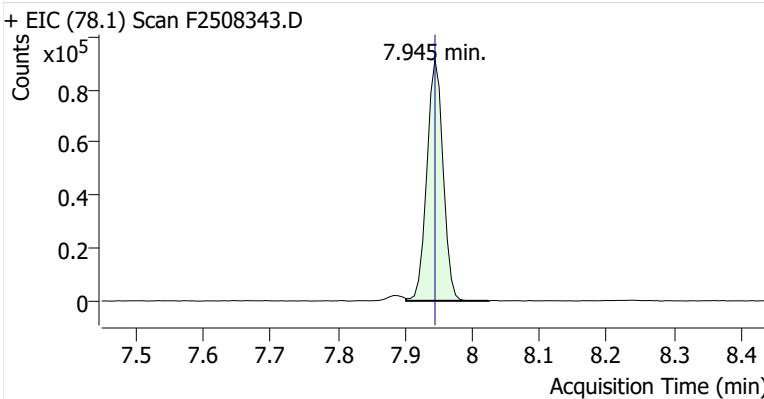


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.889	7.889	574,423	
Benzene	benzene-d6 (IS)	7.945	7.945	152,159	
Toluene-d8 (IS)		10.569	10.569	664,911	
Toluene	Toluene-d8 (IS)	10.667	10.667	509,111	
Ethylbenzene	Toluene-d8 (IS)	12.851	12.851	86,607	
m-/p-Xylenes	Toluene-d8 (IS)	13.028	13.028	214,990	
o-Xylene	Toluene-d8 (IS)	13.530	13.530	84,385	

benzene-d6 (IS)

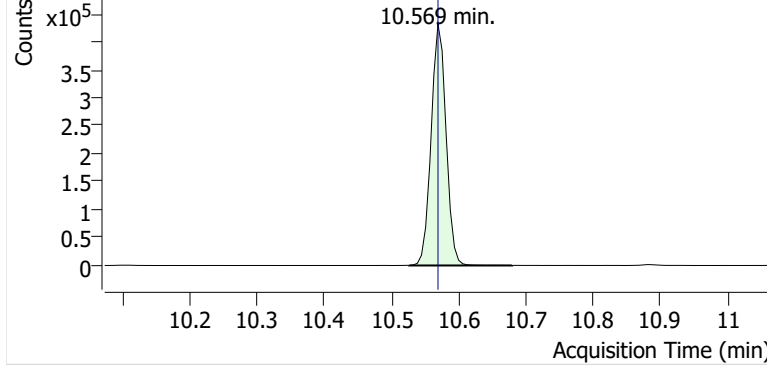


Benzene

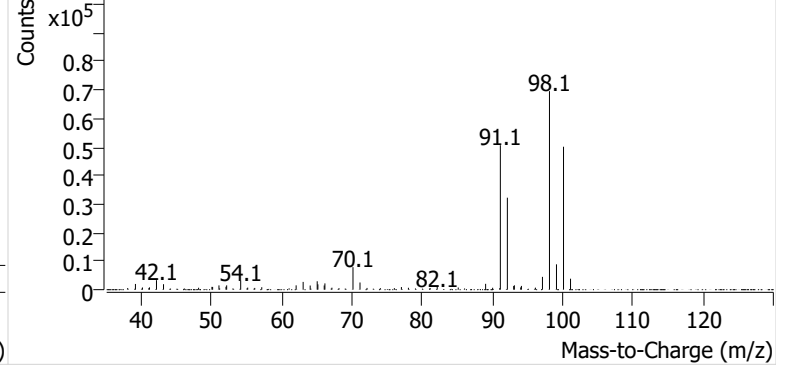


Toluene-d8 (IS)

+ EIC (98.1) Scan F2508343.D

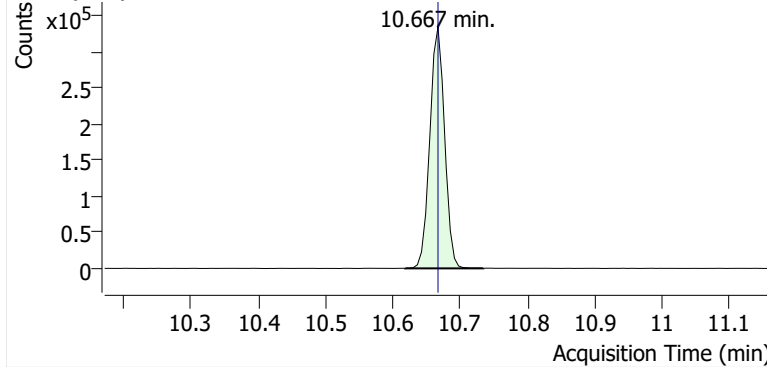


+ Scan (10.526-10.679 min, 26 scans) F2508343.D

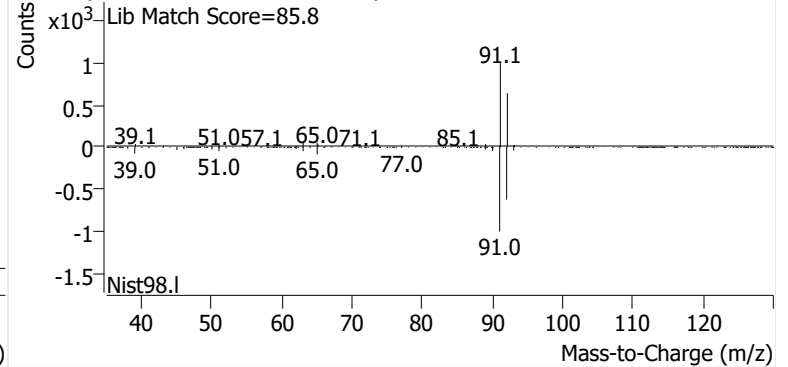


Toluene

+ EIC (91.1) Scan F2508343.D

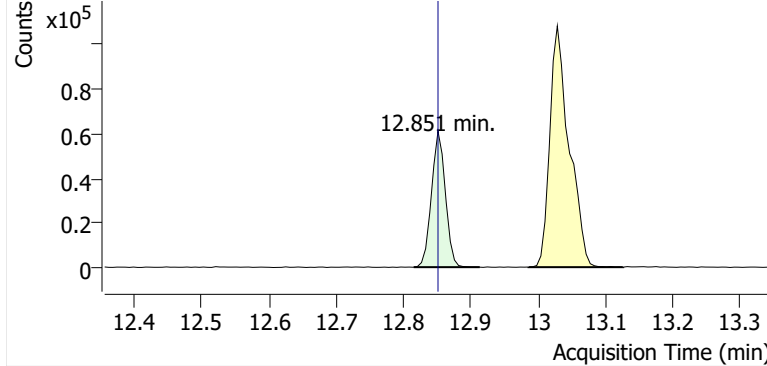


+ Scan (10.618-10.734 min, 20 scans) F2508343.D

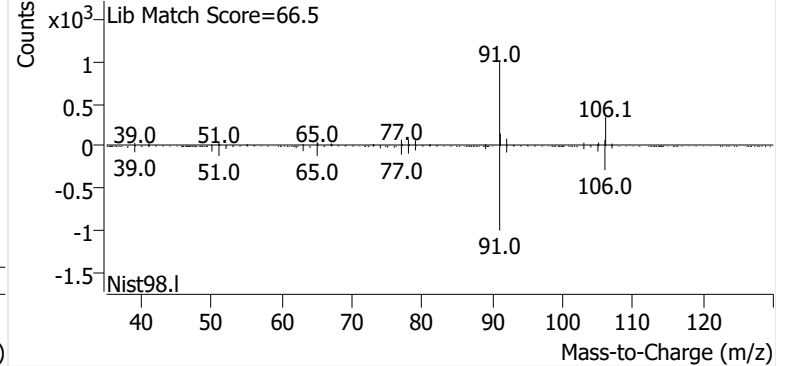


Ethylbenzene

+ EIC (91.1) Scan F2508343.D

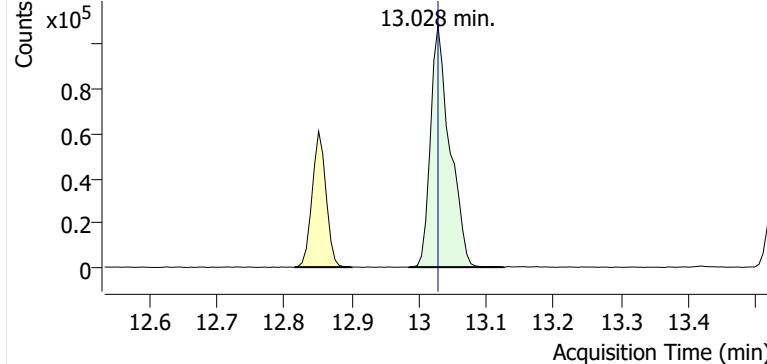


+ Scan (12.815-12.913 min, 16 scans) F2508343.D

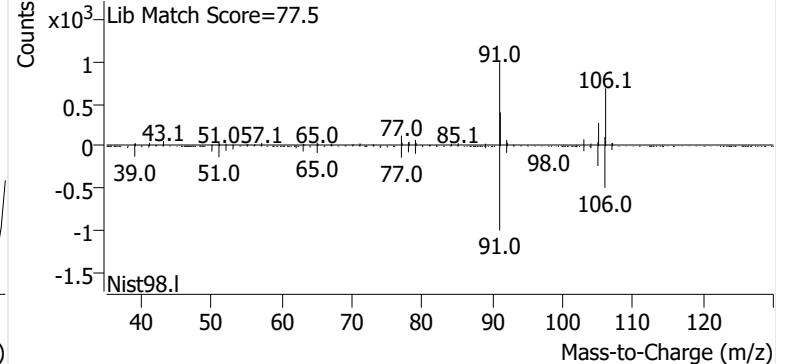


m-/p-Xylenes

+ EIC (91.1) Scan F2508343.D

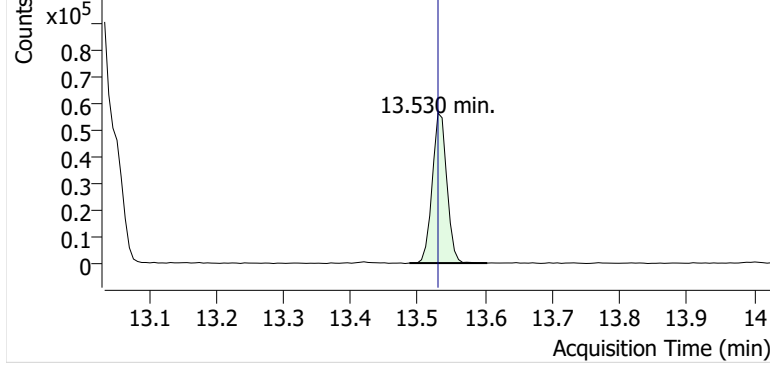


+ Scan (12.986-13.126 min, 24 scans) F2508343.D

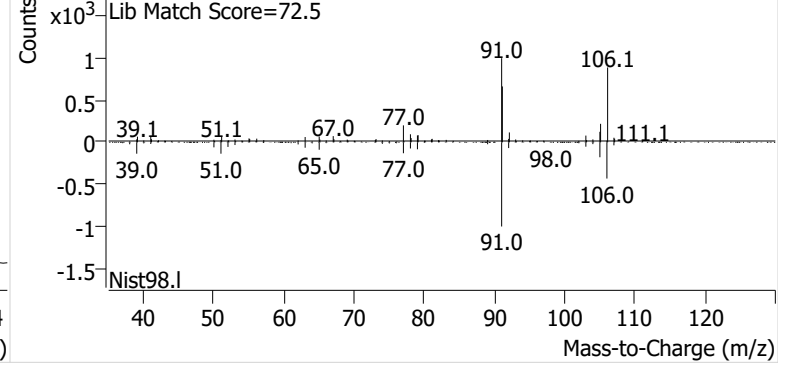


o-Xylene

+ EIC (91.1) Scan F2508343.D

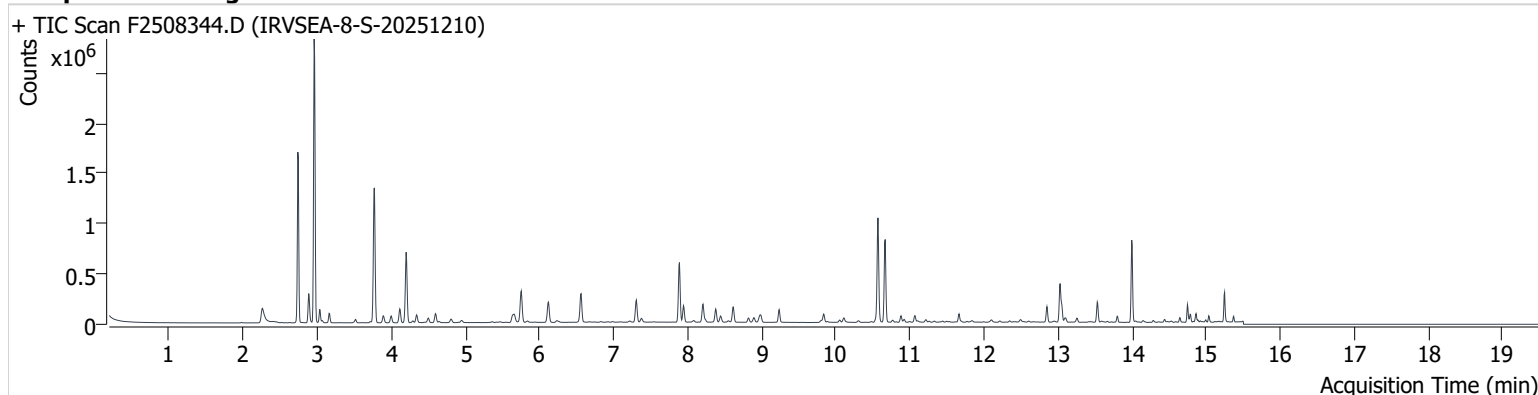


+ Scan (13.488-13.603 min, 18 scans) F2508343.D



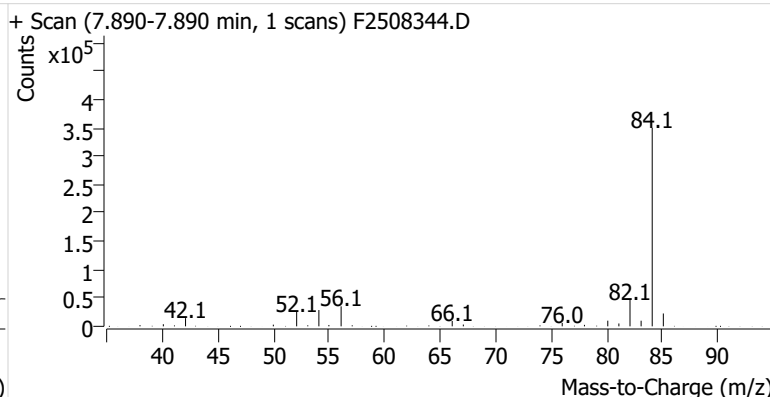
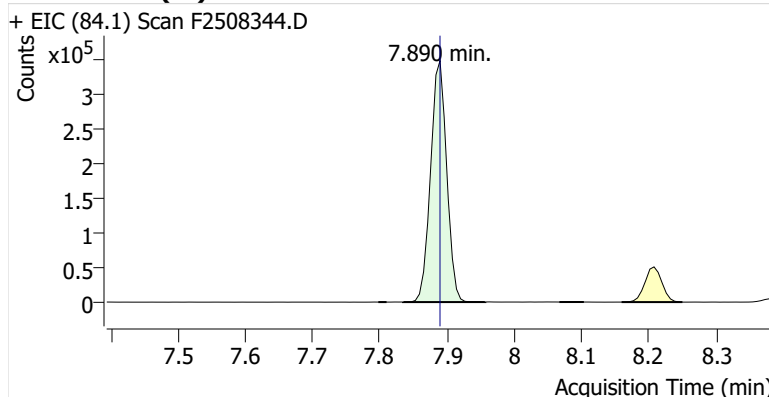
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Comment C55362
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Acq. Date-Time 12/25/2025 11:53:53 AM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

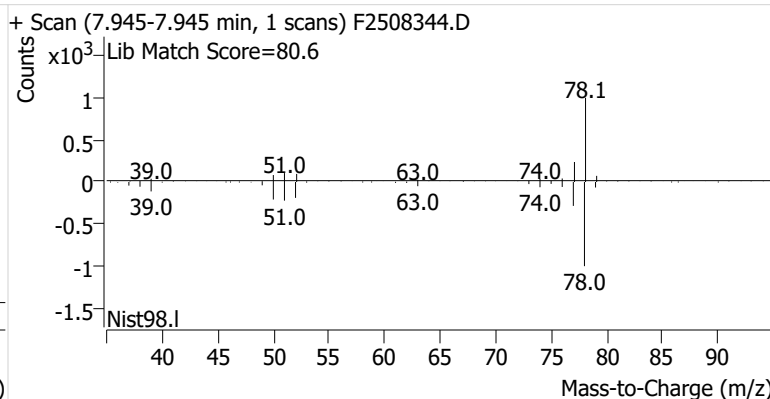
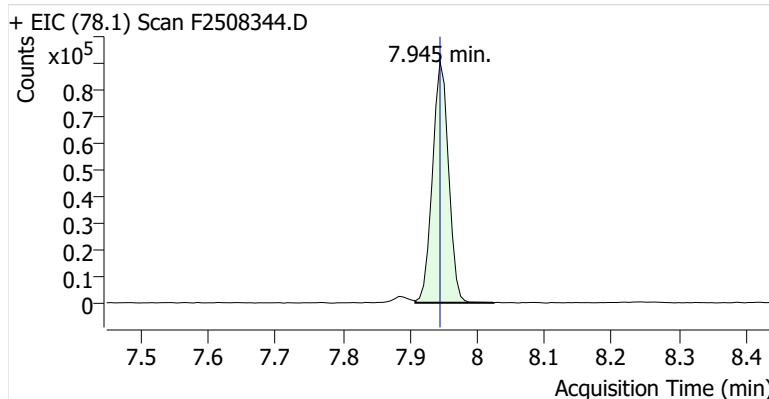


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.890	7.889	581,374	
Benzene	benzene-d6 (IS)	7.945	7.945	150,703	
Toluene-d8 (IS)		10.569	10.569	660,174	
Toluene	Toluene-d8 (IS)	10.667	10.667	577,293	
Ethylbenzene	Toluene-d8 (IS)	12.851	12.851	105,477	
m-/p-Xylenes	Toluene-d8 (IS)	13.029	13.028	297,058	
o-Xylene	Toluene-d8 (IS)	13.530	13.530	118,340	

benzene-d6 (IS)

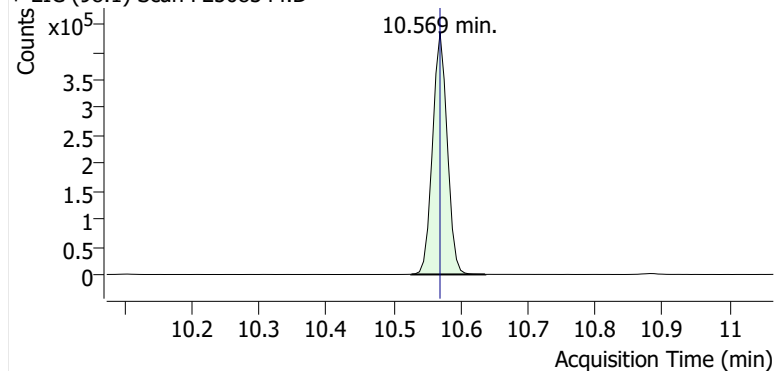


Benzene

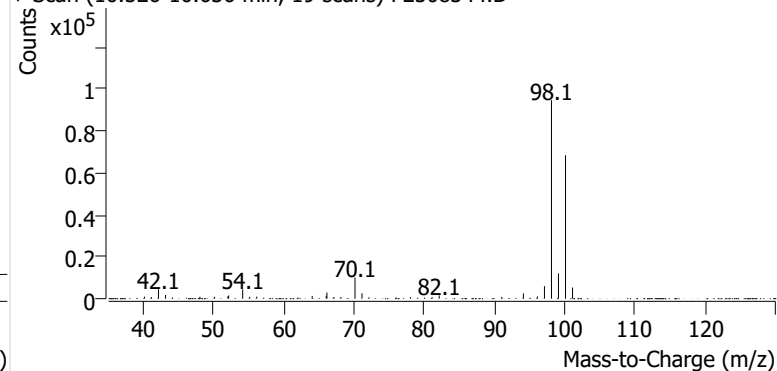


Toluene-d8 (IS)

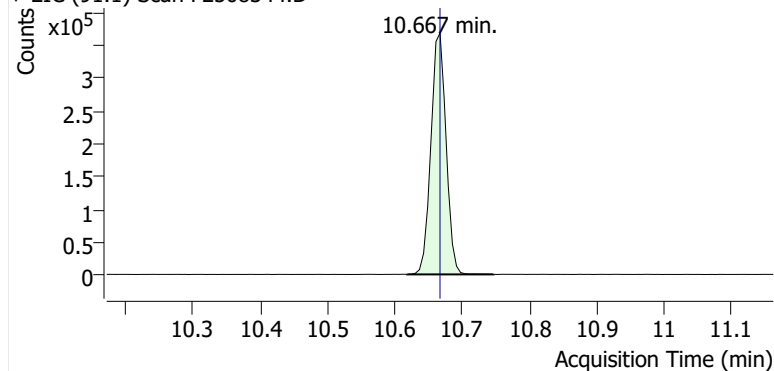
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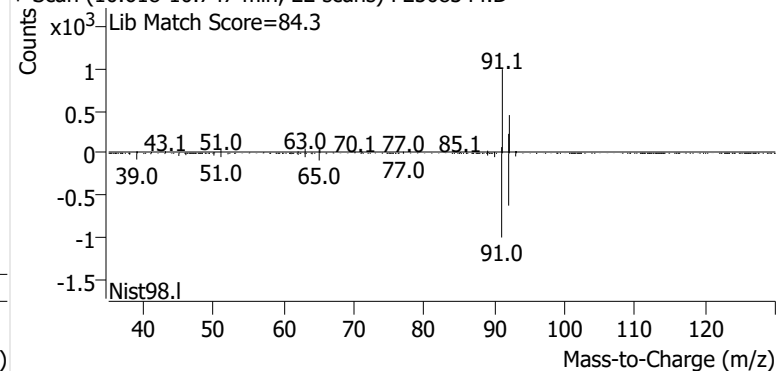
+ Scan (10.526-10.636 min, 19 scans) F2508344.D

**Toluene**

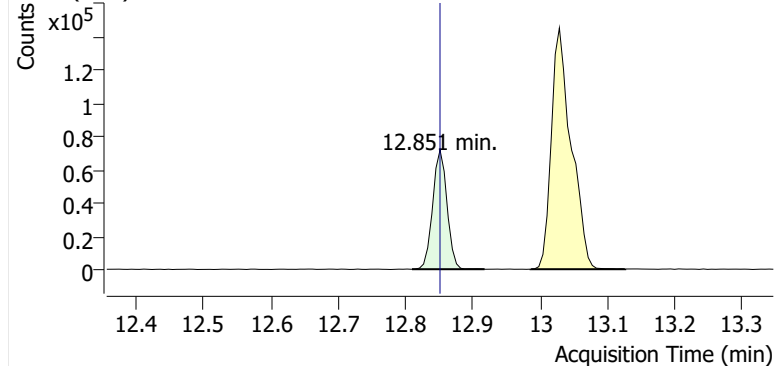
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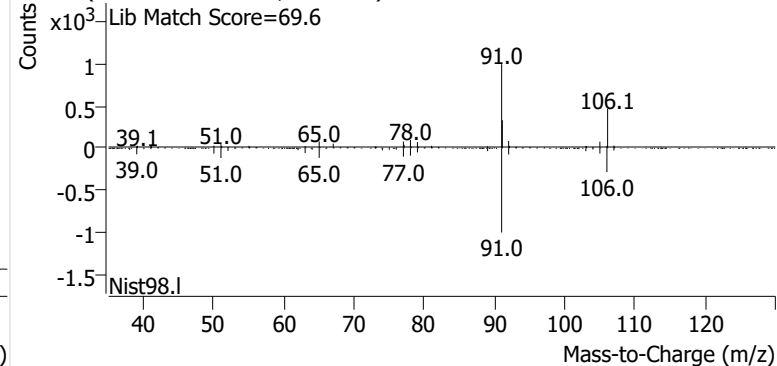
+ Scan (10.618-10.747 min, 22 scans) F2508344.D

**Ethylbenzene**

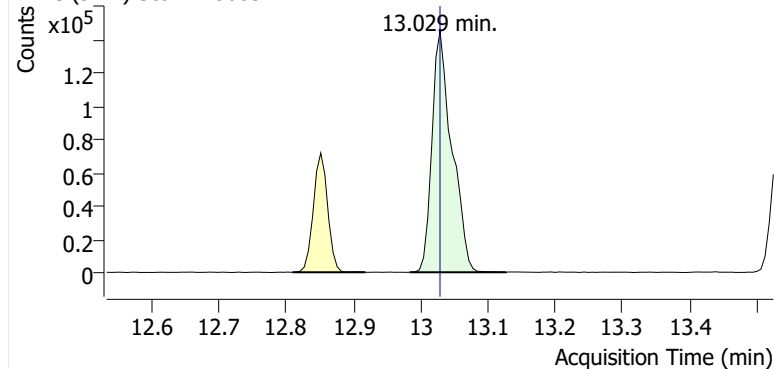
+ EIC (91.1) Scan F2508344.D



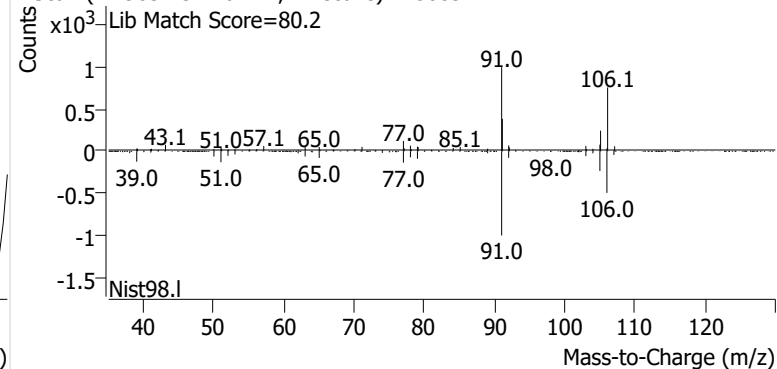
+ Scan (12.809-12.917 min, 17 scans) F2508344.D

**m-/p-Xylenes**

+ EIC (91.1) Scan F2508344.D

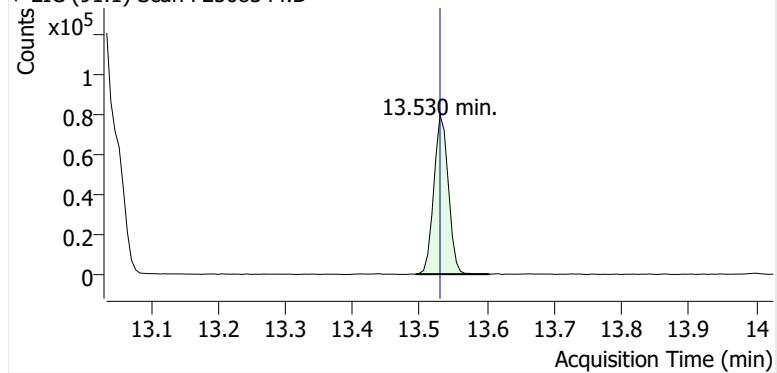


+ Scan (12.983-13.126 min, 24 scans) F2508344.D

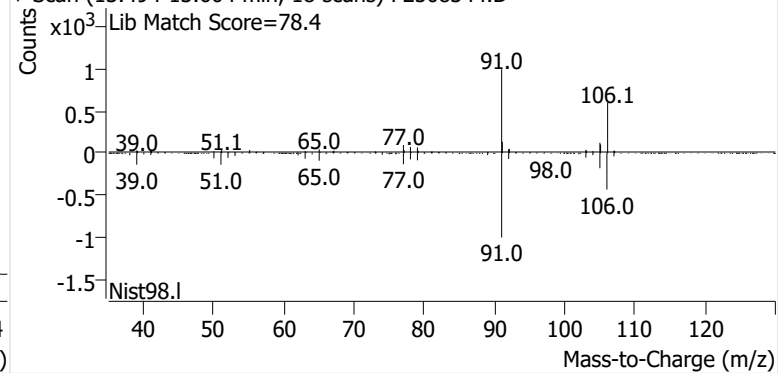


o-Xylene

+ EIC (91.1) Scan F2508344.D

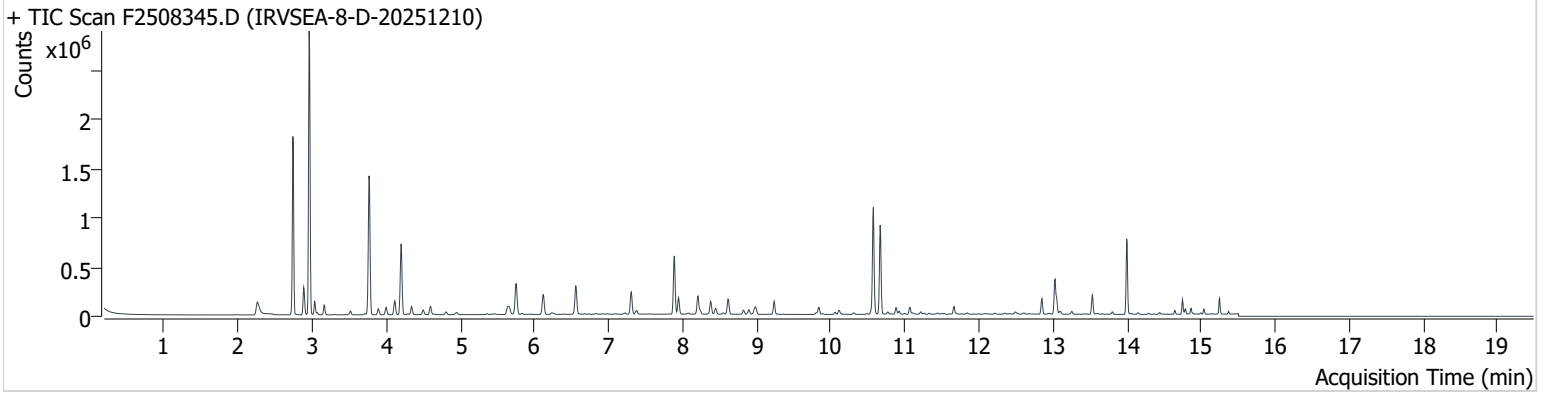


+ Scan (13.494-13.604 min, 18 scans) F2508344.D



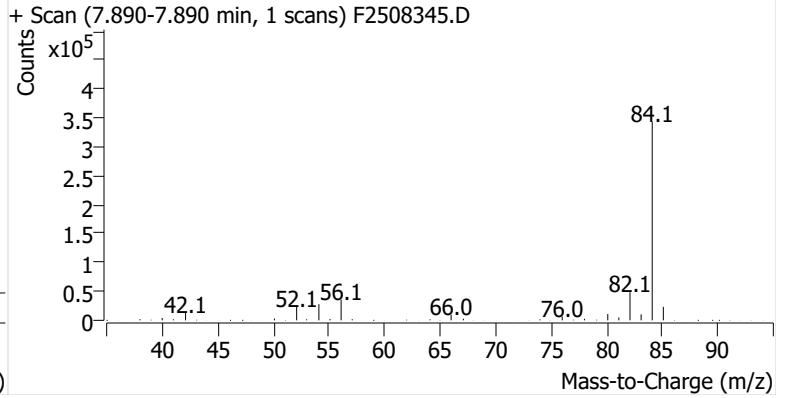
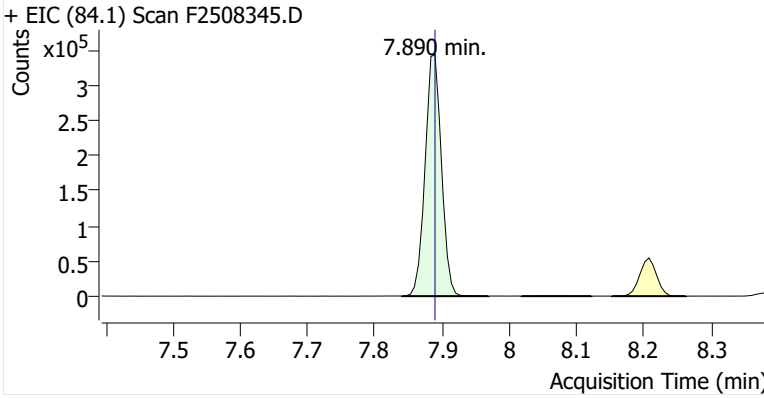
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Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

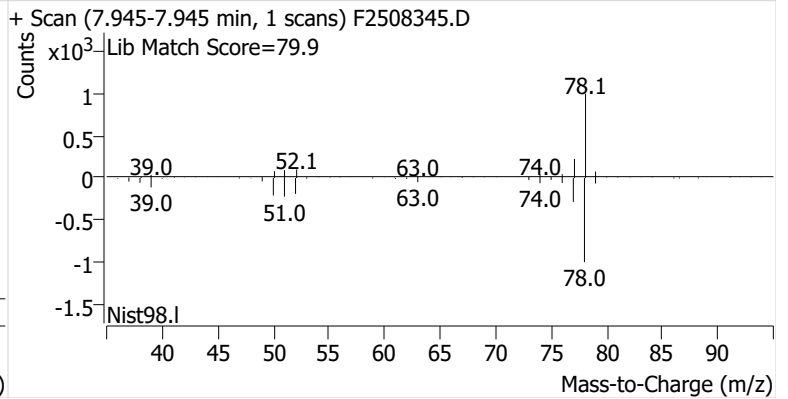
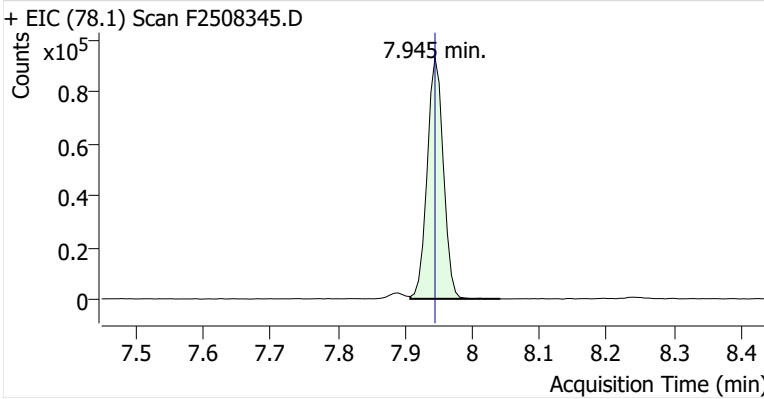


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.890	7.889	579,375	
Benzene	benzene-d6 (IS)	7.945	7.945	155,828	
Toluene-d8 (IS)		10.575	10.569	693,115	
Toluene	Toluene-d8 (IS)	10.667	10.667	621,939	
Ethylbenzene	Toluene-d8 (IS)	12.851	12.851	111,419	
m-/p-Xylenes	Toluene-d8 (IS)	13.028	13.028	278,858	
o-Xylene	Toluene-d8 (IS)	13.530	13.530	112,200	

benzene-d6 (IS)

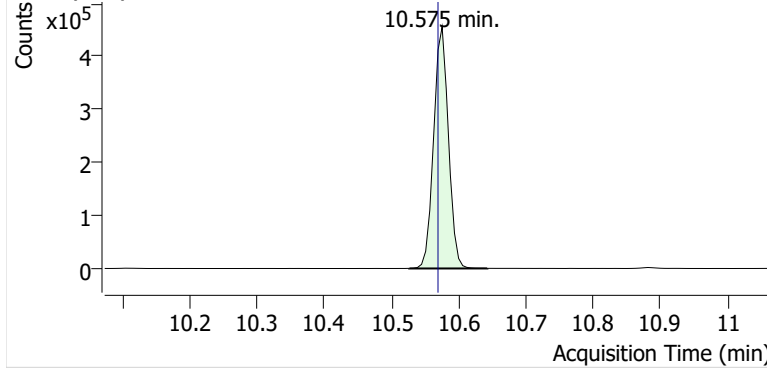


Benzene

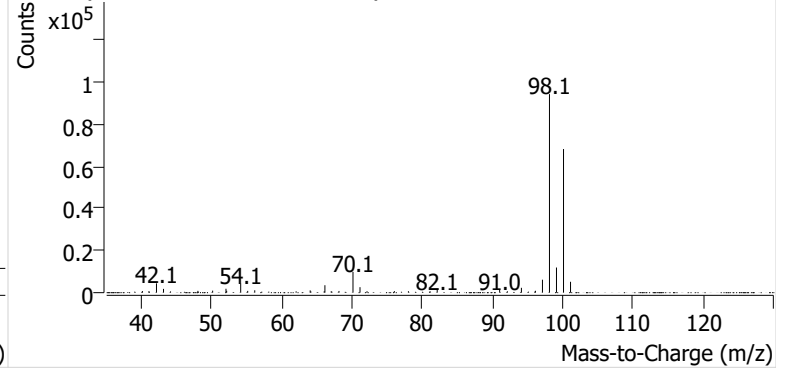


Toluene-d8 (IS)

+ EIC (98.1) Scan F2508345.D

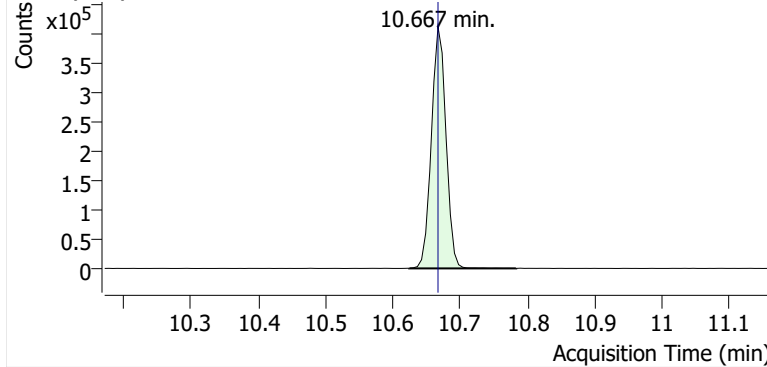


+ Scan (10.526-10.643 min, 20 scans) F2508345.D

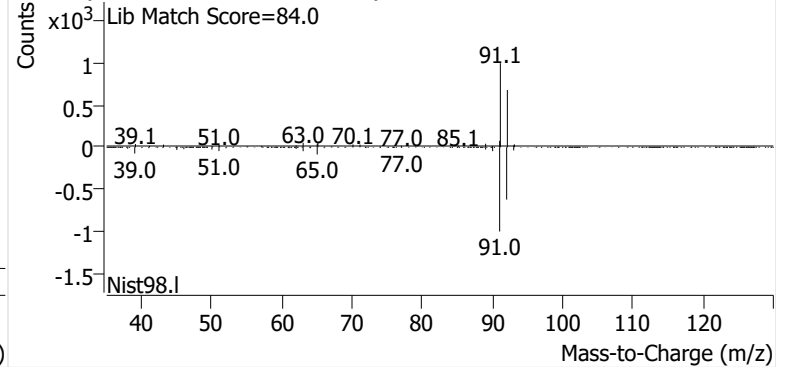


Toluene

+ EIC (91.1) Scan F2508345.D

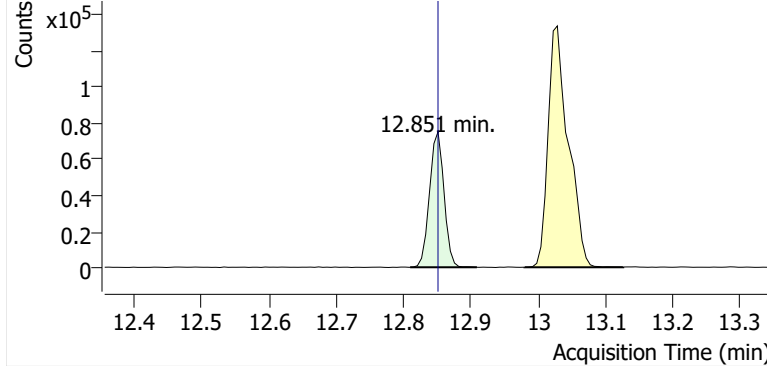


+ Scan (10.624-10.783 min, 27 scans) F2508345.D

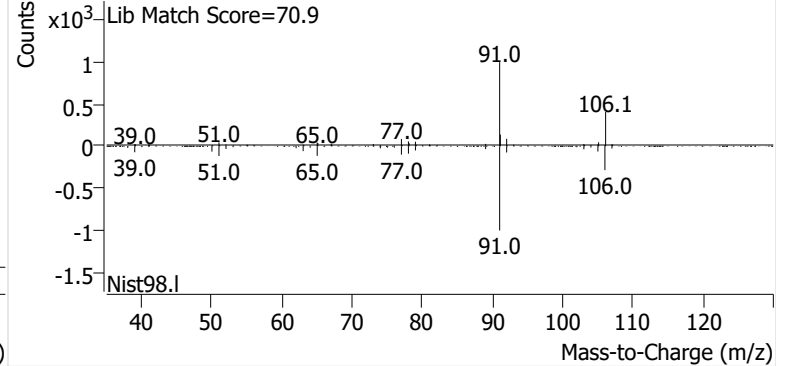


Ethylbenzene

+ EIC (91.1) Scan F2508345.D

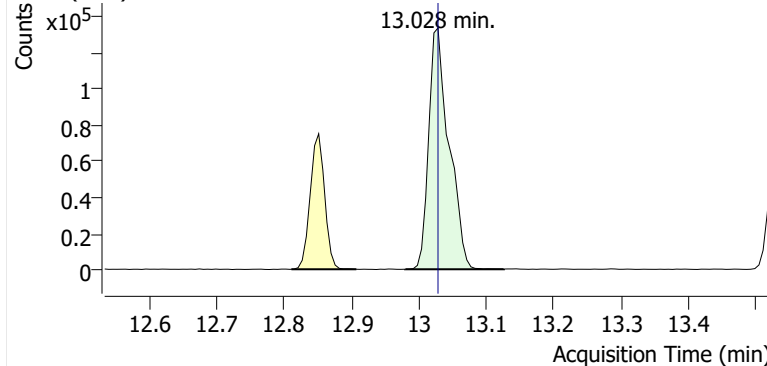


+ Scan (12.810-12.909 min, 16 scans) F2508345.D

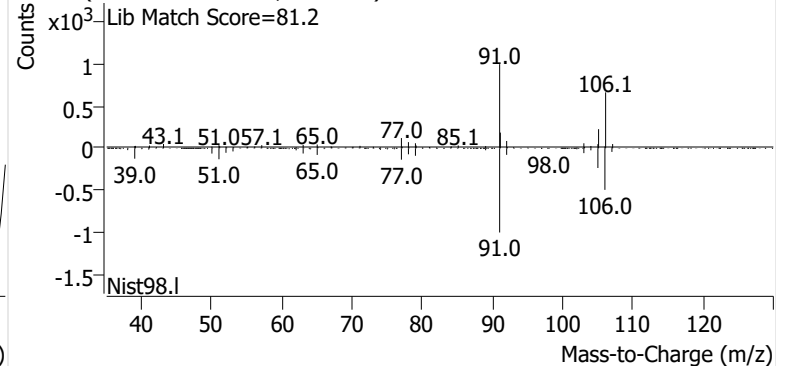


m-/p-Xylenes

+ EIC (91.1) Scan F2508345.D

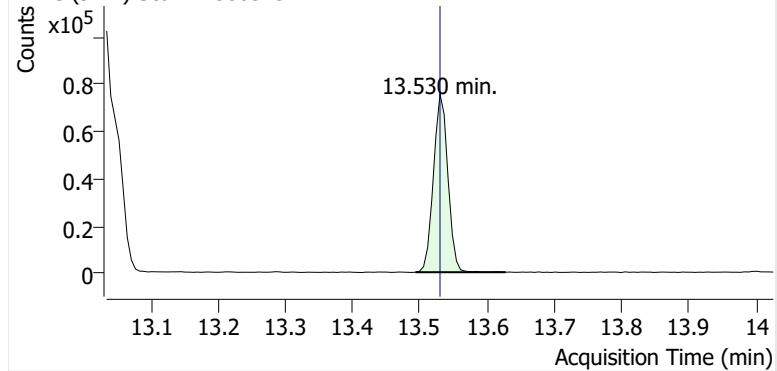


+ Scan (12.980-13.126 min, 25 scans) F2508345.D

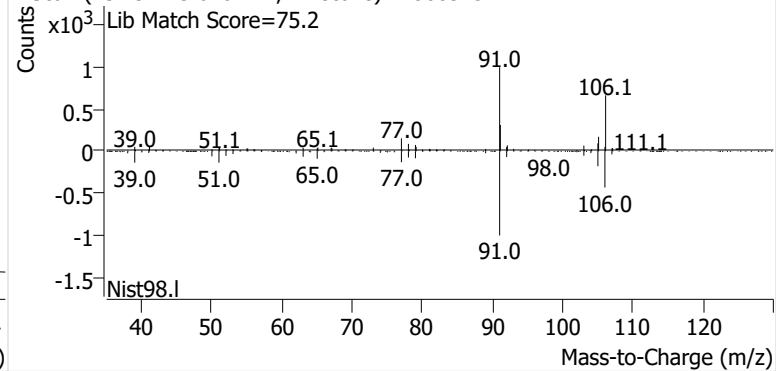


o-Xylene

+ EIC (91.1) Scan F2508345.D

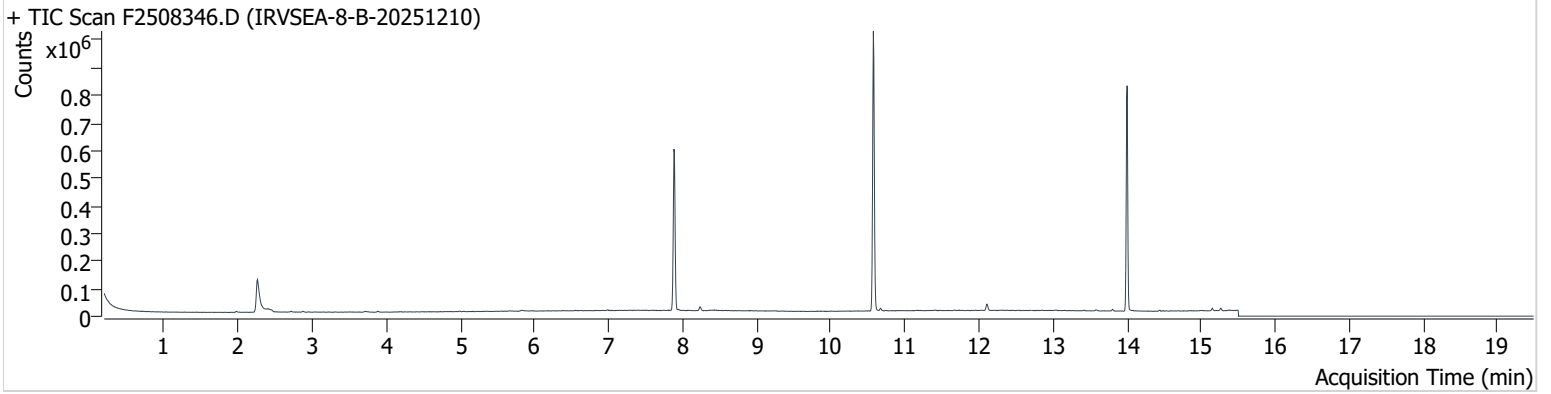


+ Scan (13.494-13.628 min, 21 scans) F2508345.D



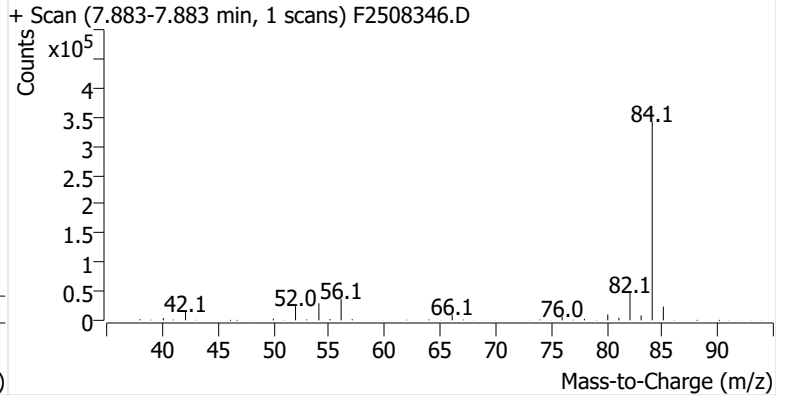
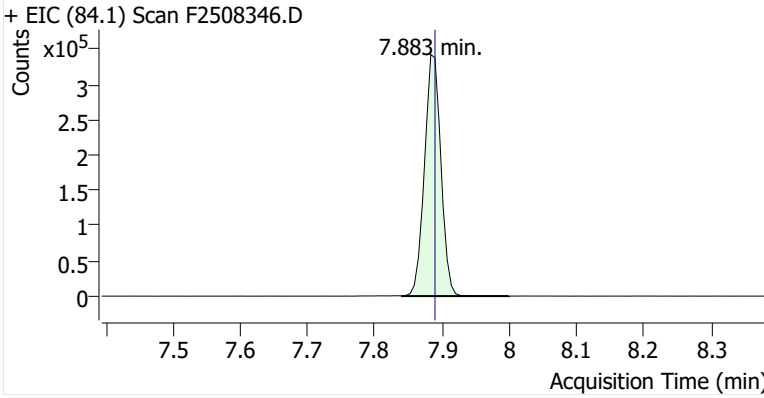
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Comment C24252
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Acq. Date-Time 12/25/2025 12:45:29 PM
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Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

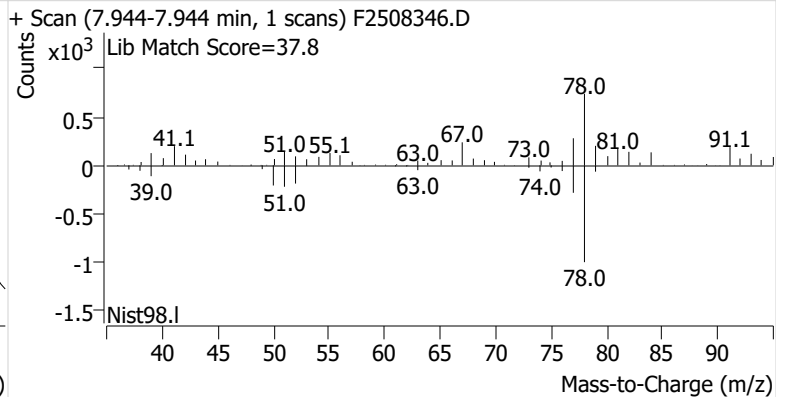
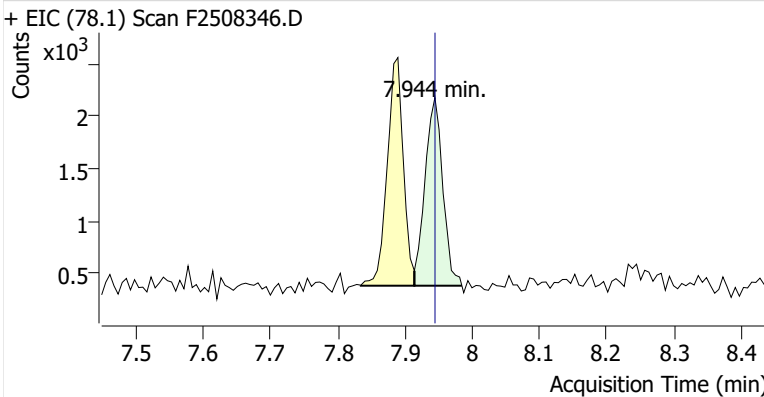


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.883	7.889	580,971	
Benzene	benzene-d6 (IS)	7.944	7.945	3,303	
Toluene-d8 (IS)		10.575	10.569	653,270	
Toluene	Toluene-d8 (IS)	10.673	10.667	5,721	
Ethylbenzene	Toluene-d8 (IS)	12.851	12.851	617	
m-/p-Xylenes	Toluene-d8 (IS)	13.028	13.028	695	
o-Xylene	Toluene-d8 (IS)	13.536	13.530	225	

benzene-d6 (IS)

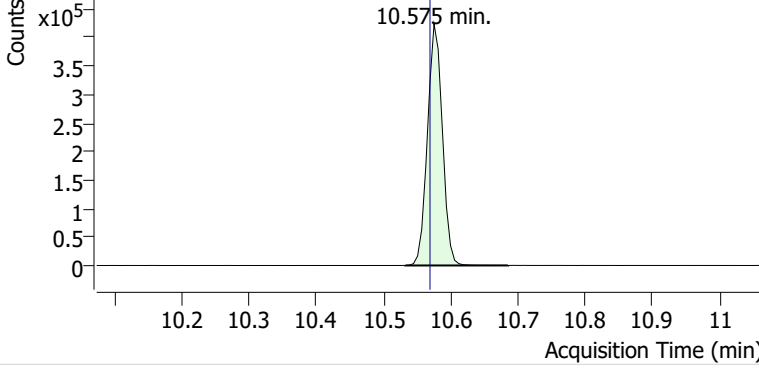


Benzene

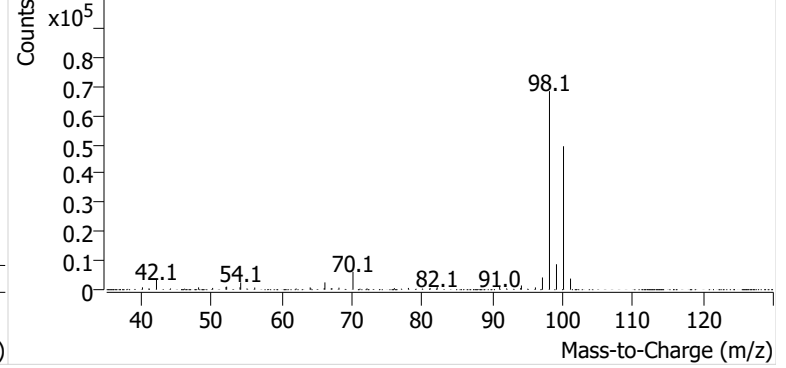


Toluene-d8 (IS)

+ EIC (98.1) Scan F2508346.D

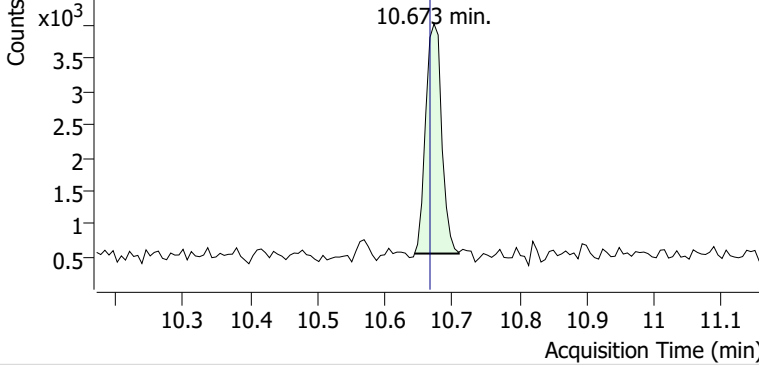


+ Scan (10.532-10.685 min, 26 scans) F2508346.D

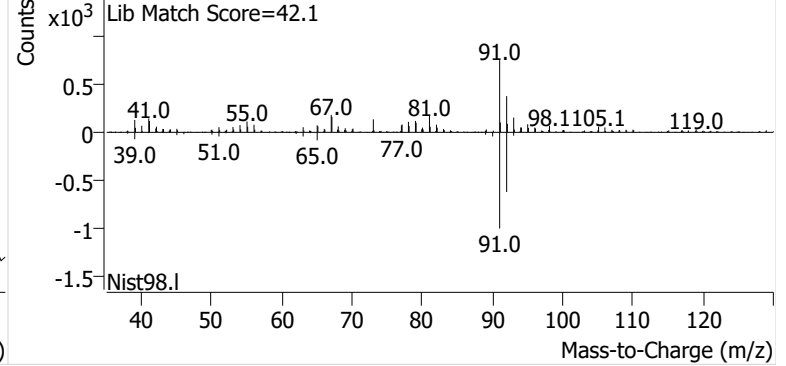


Toluene

+ EIC (91.1) Scan F2508346.D

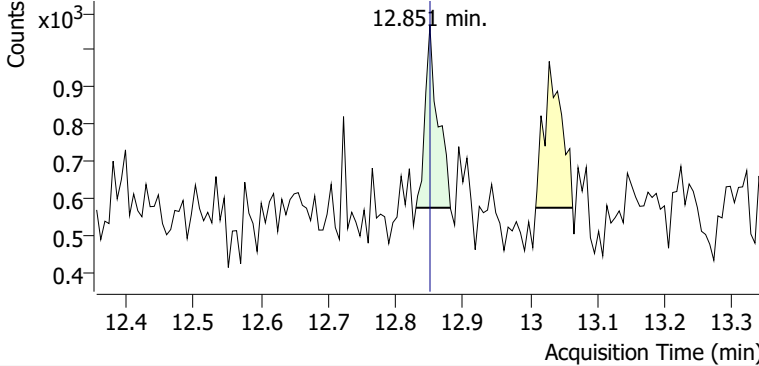


+ Scan (10.644-10.710 min, 11 scans) F2508346.D

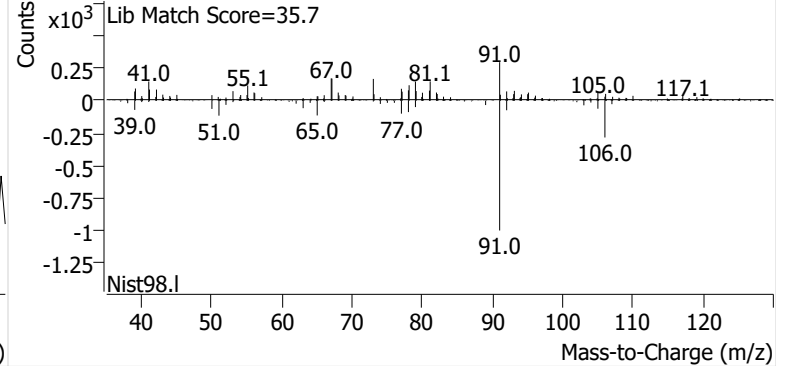


Ethylbenzene

+ EIC (91.1) Scan F2508346.D

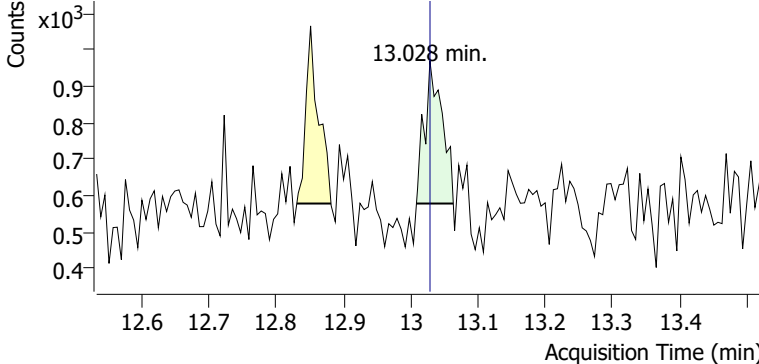


+ Scan (12.830-12.881 min, 8 scans) F2508346.D

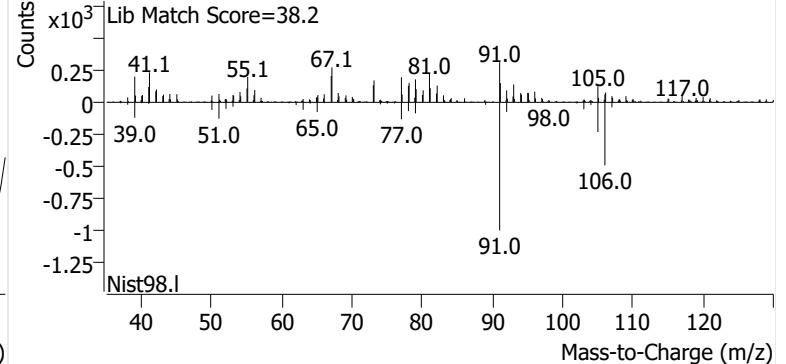


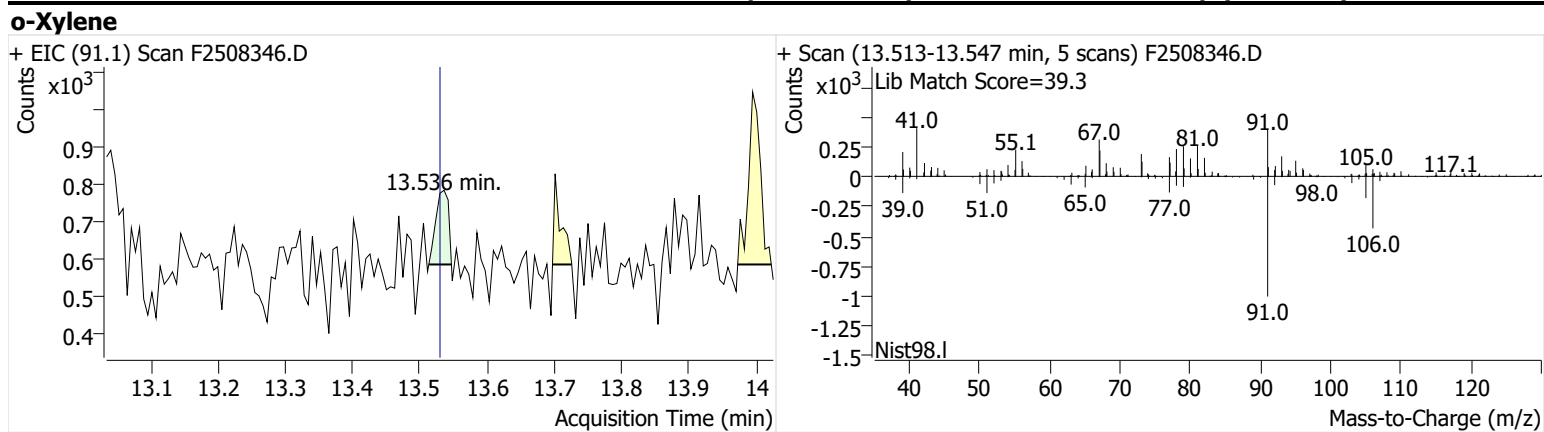
m-/p-Xylenes

+ EIC (91.1) Scan F2508346.D



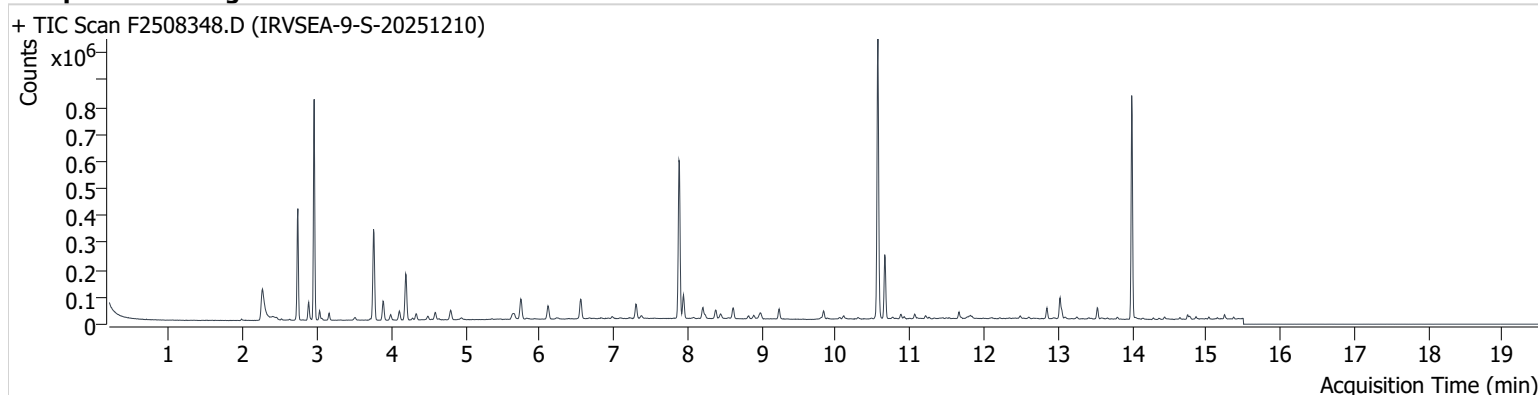
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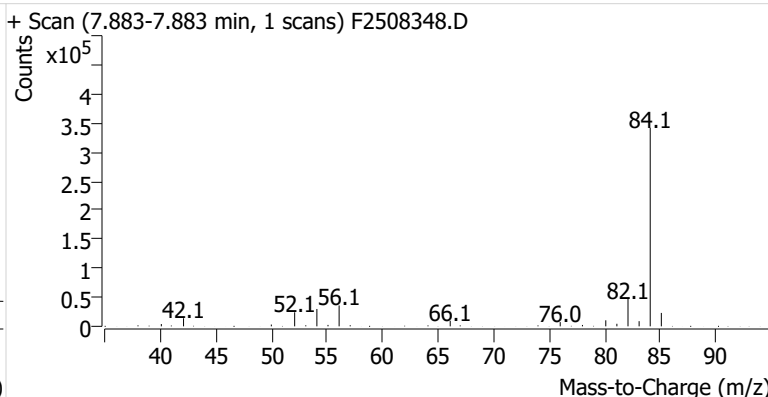
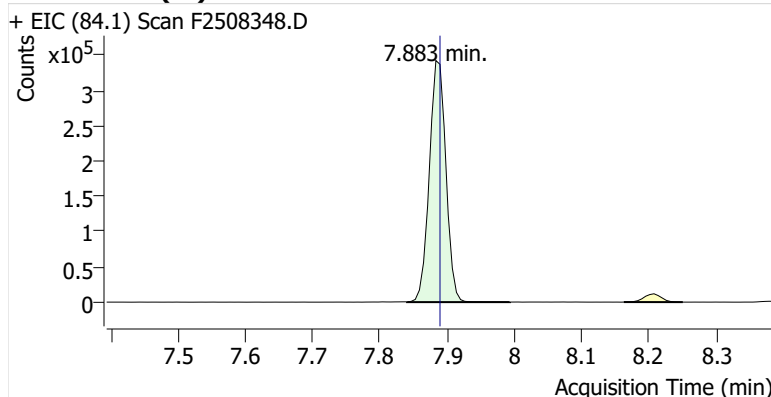
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Comment B52713
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Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

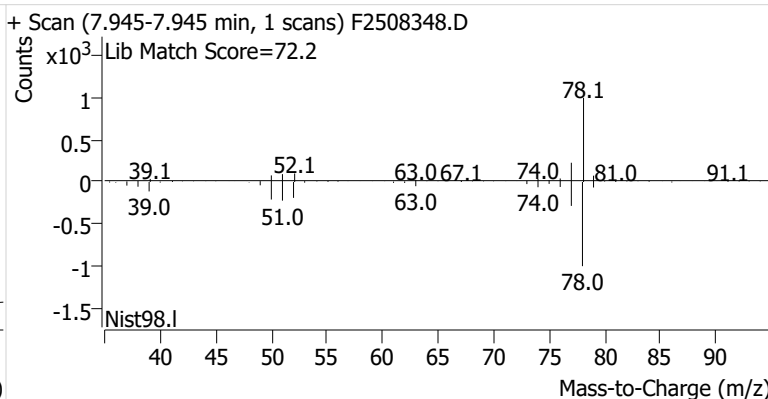
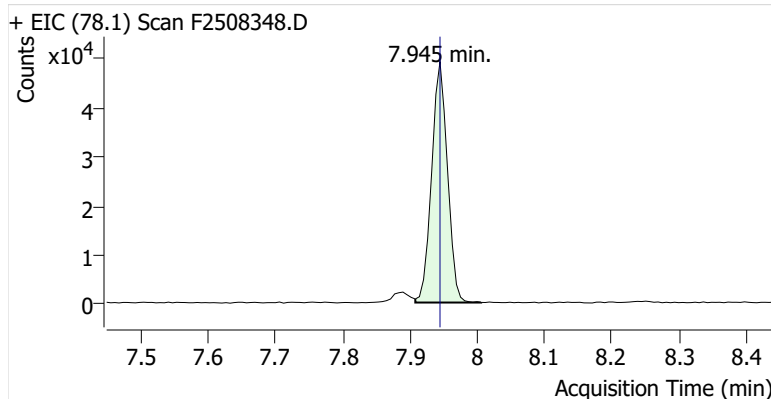


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.883	7.889	585,198	
Benzene	benzene-d6 (IS)	7.945	7.945	80,227	
Toluene-d8 (IS)		10.569	10.569	665,705	
Toluene	Toluene-d8 (IS)	10.661	10.667	164,909	
Ethylbenzene	Toluene-d8 (IS)	12.851	12.851	26,900	
m-/p-Xylenes	Toluene-d8 (IS)	13.028	13.028	57,712	
o-Xylene	Toluene-d8 (IS)	13.530	13.530	24,037	

benzene-d6 (IS)

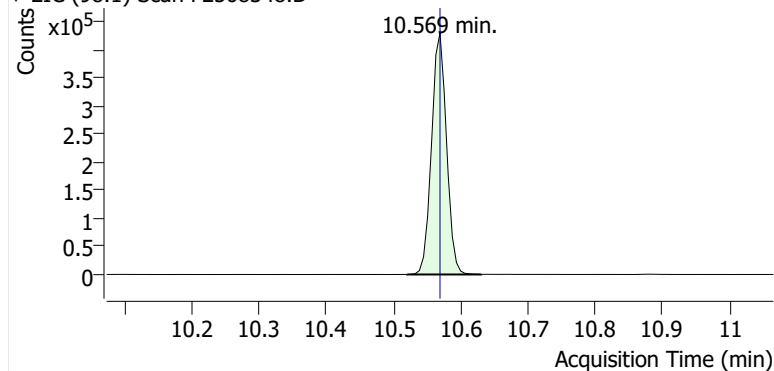


Benzene

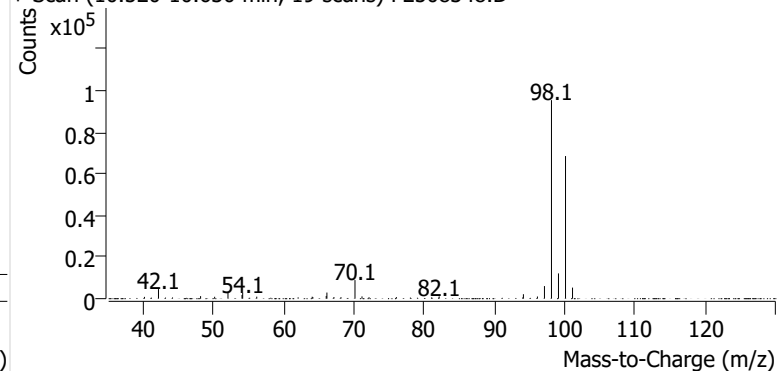


Toluene-d8 (IS)

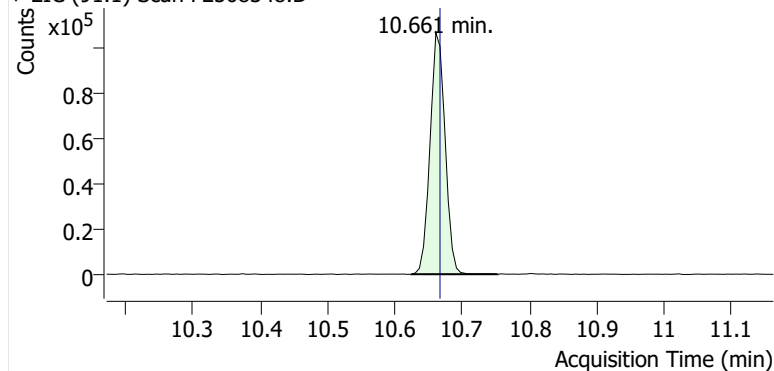
+ EIC (98.1) Scan F2508348.D



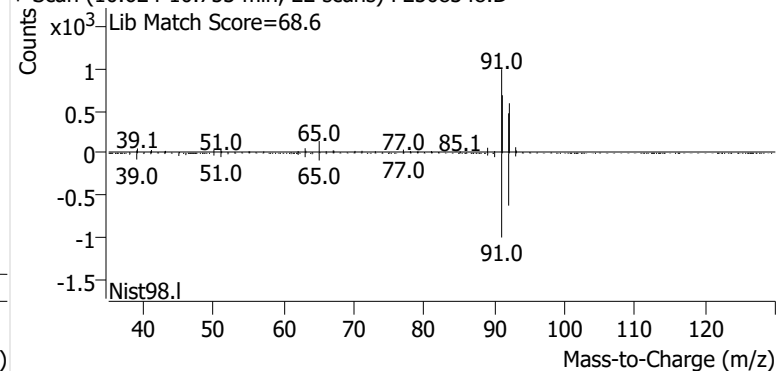
+ Scan (10.520-10.630 min, 19 scans) F2508348.D

**Toluene**

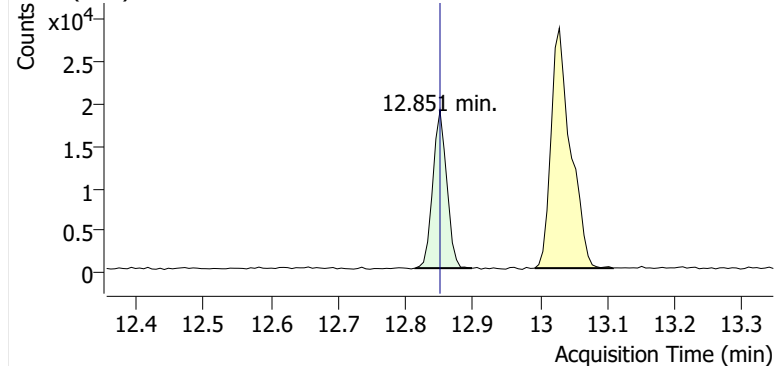
+ EIC (91.1) Scan F2508348.D



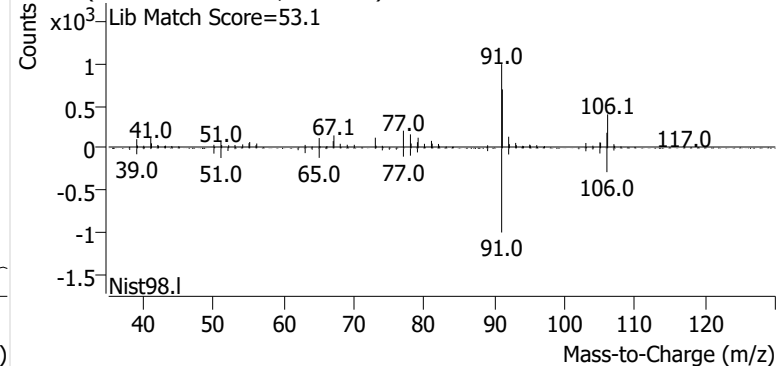
+ Scan (10.624-10.753 min, 22 scans) F2508348.D

**Ethylbenzene**

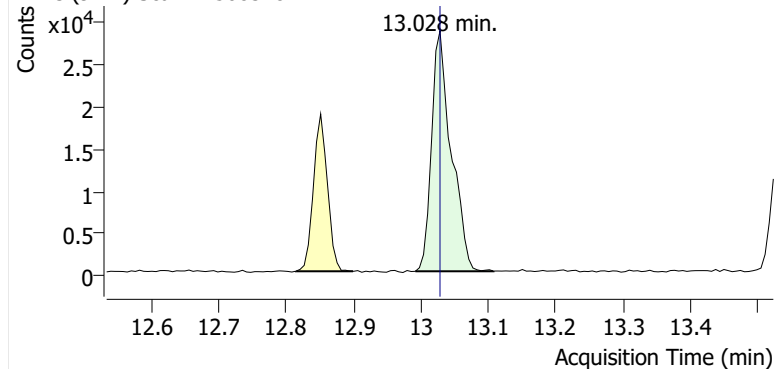
+ EIC (91.1) Scan F2508348.D



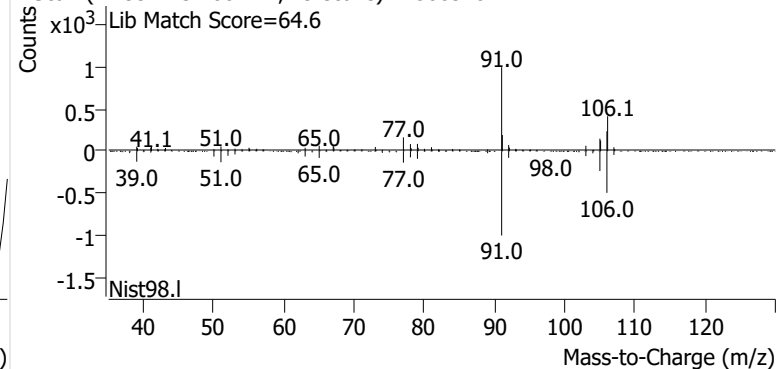
+ Scan (12.814-12.899 min, 14 scans) F2508348.D

**m-/p-Xylenes**

+ EIC (91.1) Scan F2508348.D

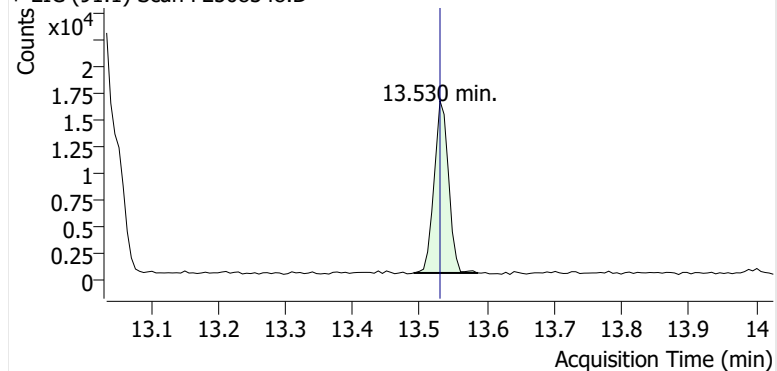


+ Scan (12.992-13.108 min, 19 scans) F2508348.D

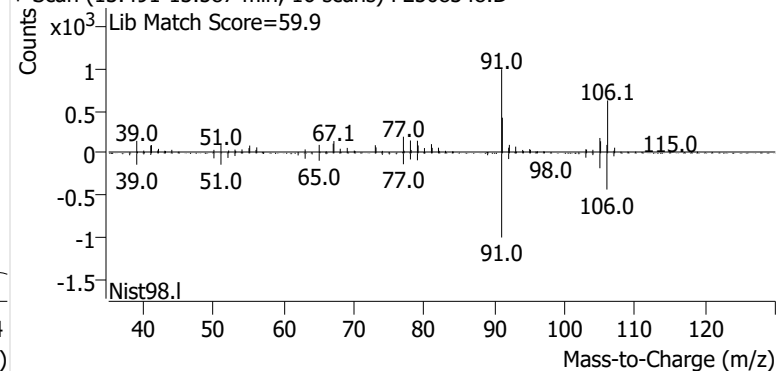


o-Xylene

+ EIC (91.1) Scan F2508348.D

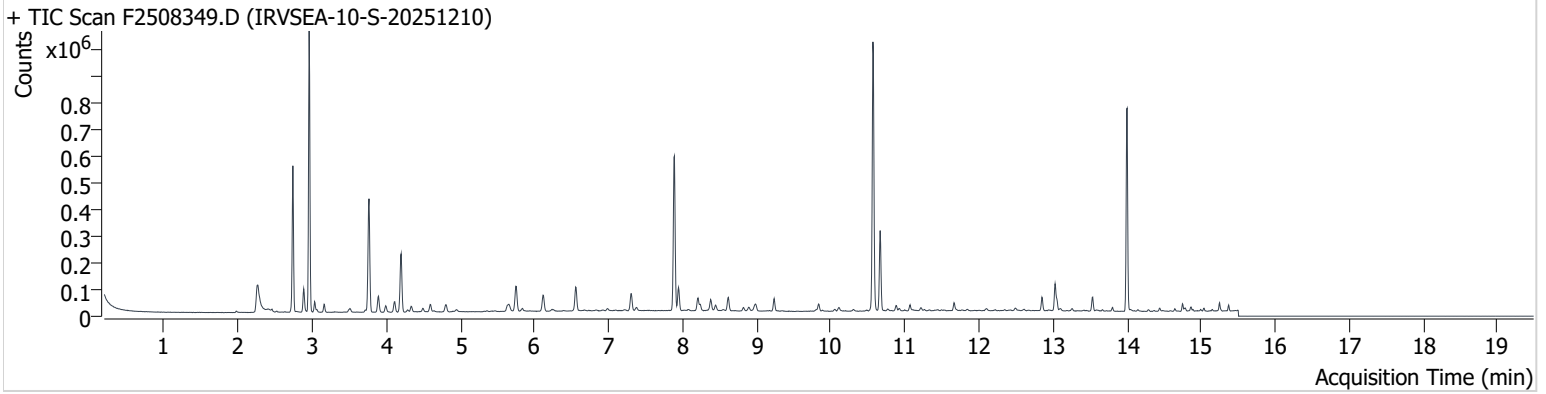


+ Scan (13.491-13.587 min, 16 scans) F2508348.D



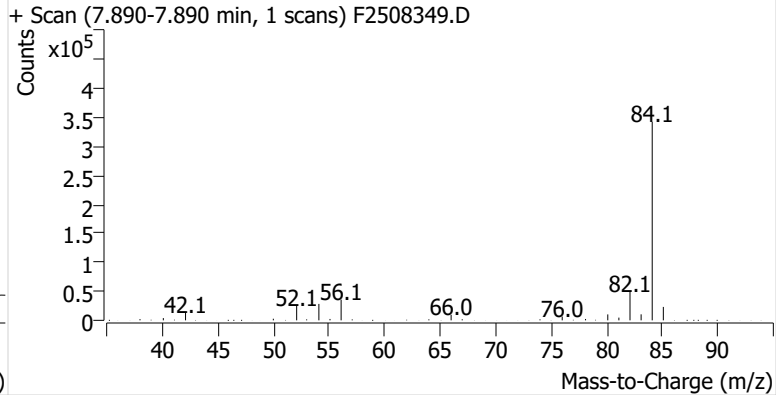
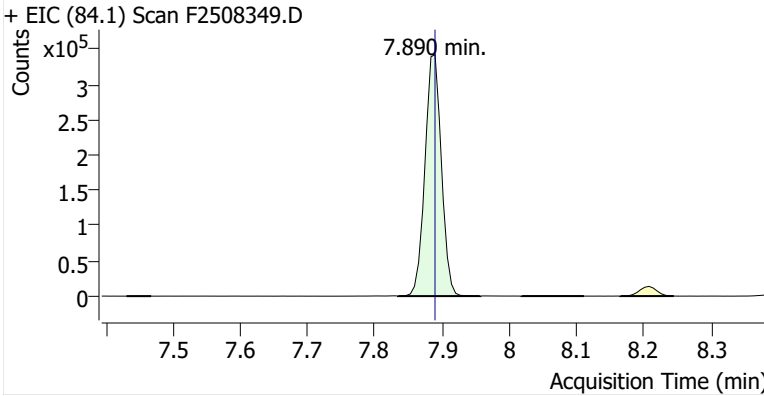
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Comment C20399
Data File F2508349.D
Acq. Date-Time 12/25/2025 2:00:32 PM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

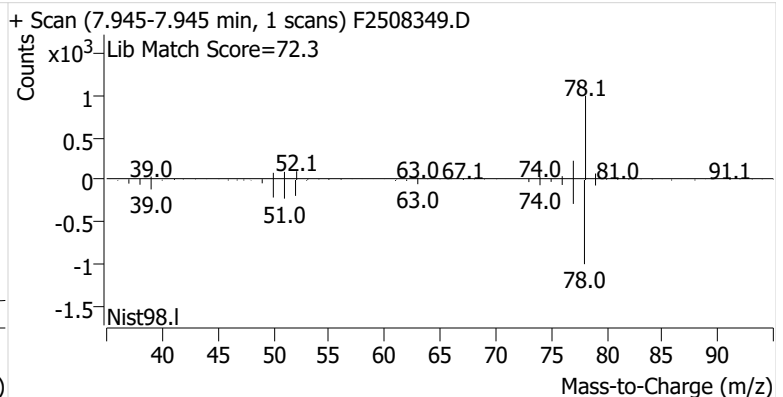
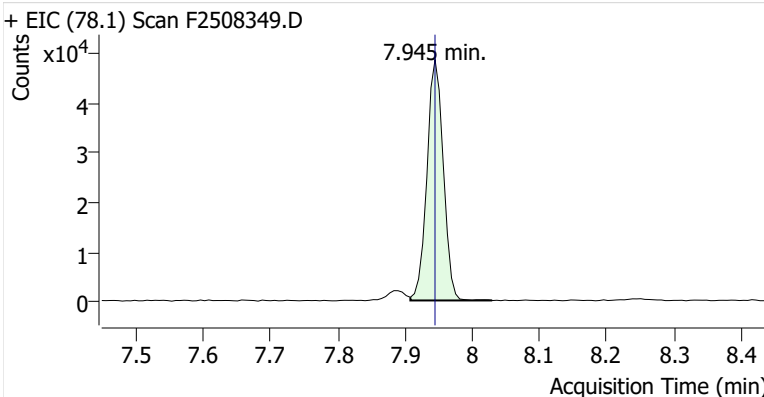


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.890	7.889	580,198	
Benzene	benzene-d6 (IS)	7.945	7.945	81,698	
Toluene-d8 (IS)		10.569	10.569	661,096	
Toluene	Toluene-d8 (IS)	10.667	10.667	205,150	
Ethylbenzene	Toluene-d8 (IS)	12.851	12.851	34,789	
m-/p-Xylenes	Toluene-d8 (IS)	13.029	13.028	75,610	
o-Xylene	Toluene-d8 (IS)	13.536	13.530	30,959	

benzene-d6 (IS)

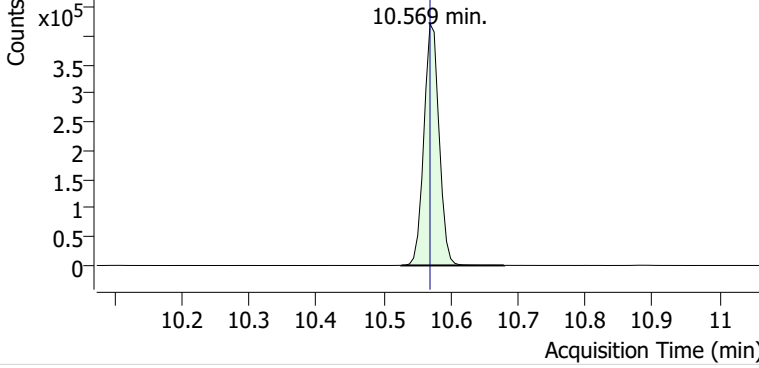


Benzene

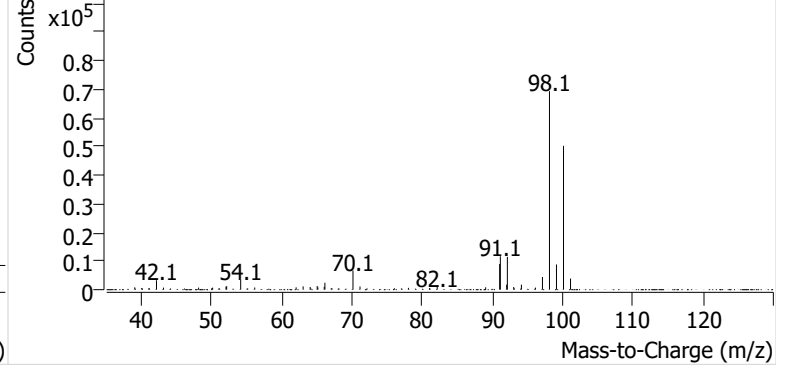


Toluene-d8 (IS)

+ EIC (98.1) Scan F2508349.D

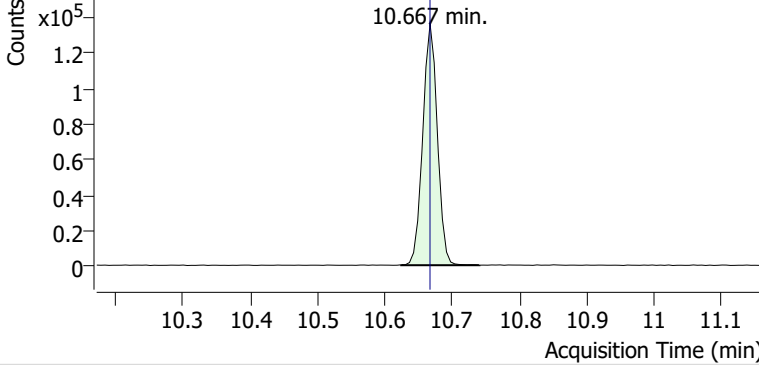


+ Scan (10.526-10.679 min, 26 scans) F2508349.D

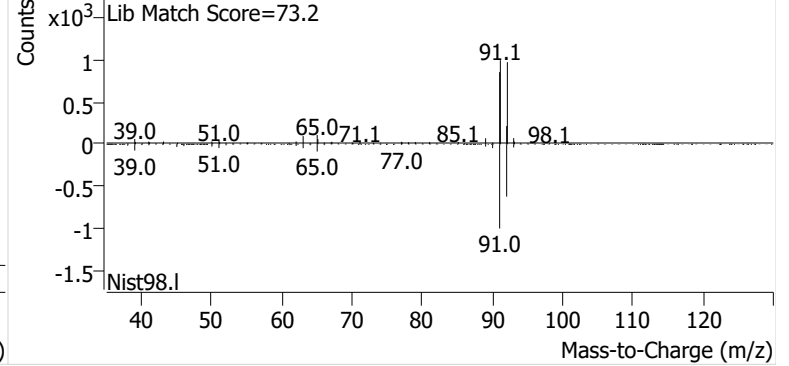


Toluene

+ EIC (91.1) Scan F2508349.D

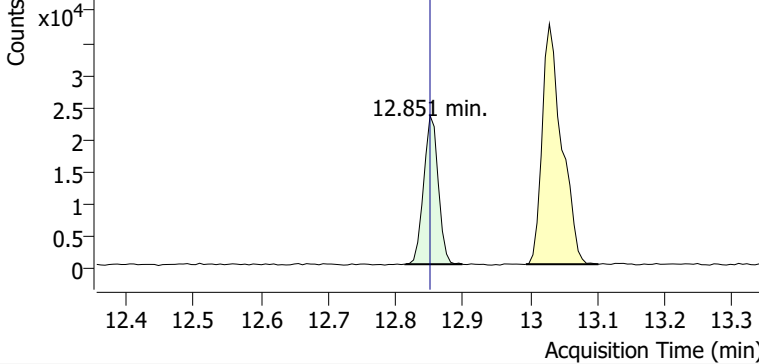


+ Scan (10.624-10.740 min, 20 scans) F2508349.D

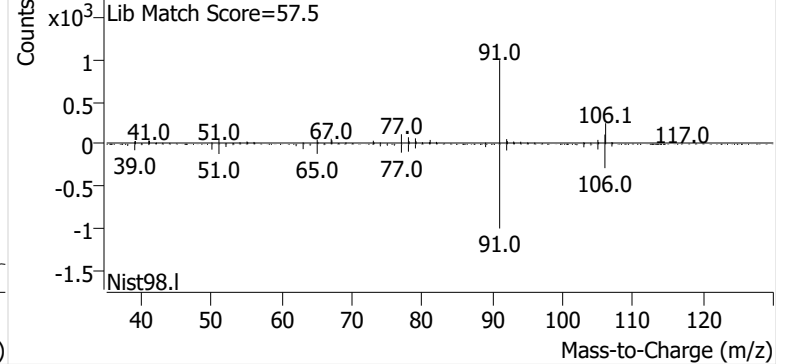


Ethylbenzene

+ EIC (91.1) Scan F2508349.D

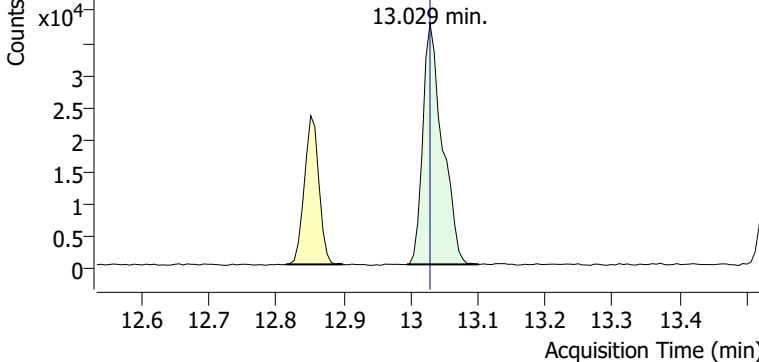


+ Scan (12.814-12.899 min, 14 scans) F2508349.D

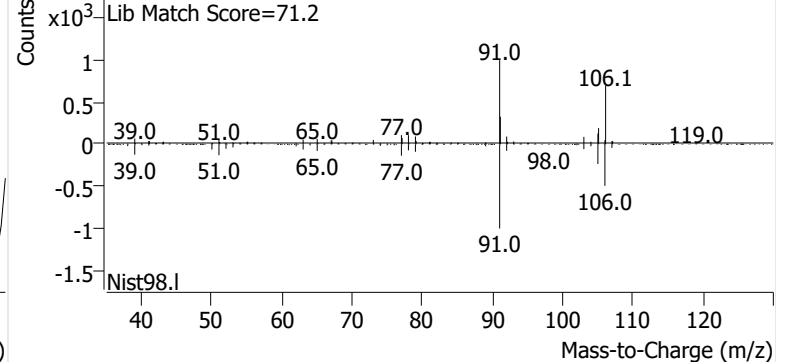


m-/p-Xylenes

+ EIC (91.1) Scan F2508349.D

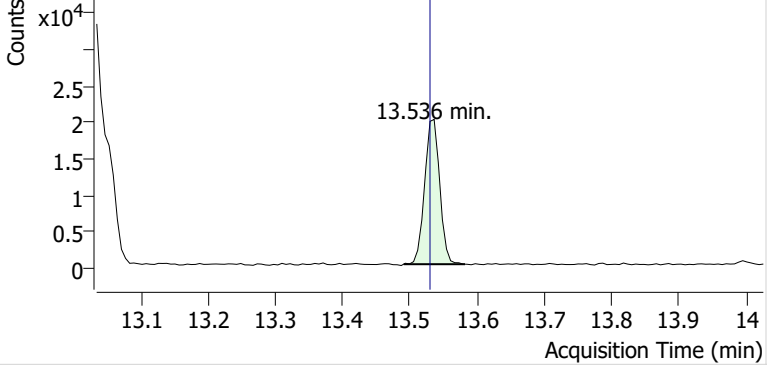


+ Scan (12.994-13.101 min, 17 scans) F2508349.D

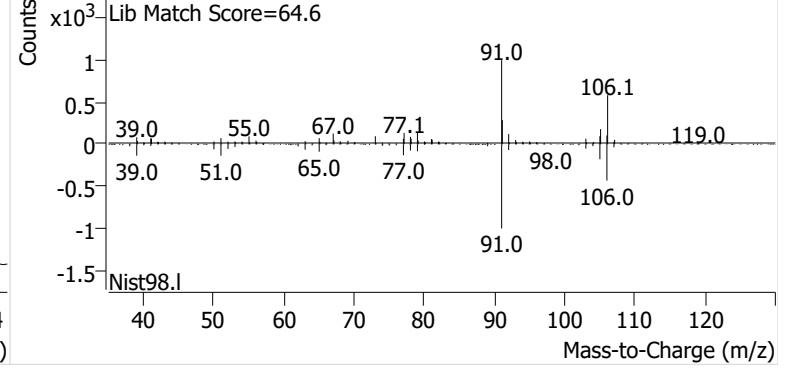


o-Xylene

+ EIC (91.1) Scan F2508349.D

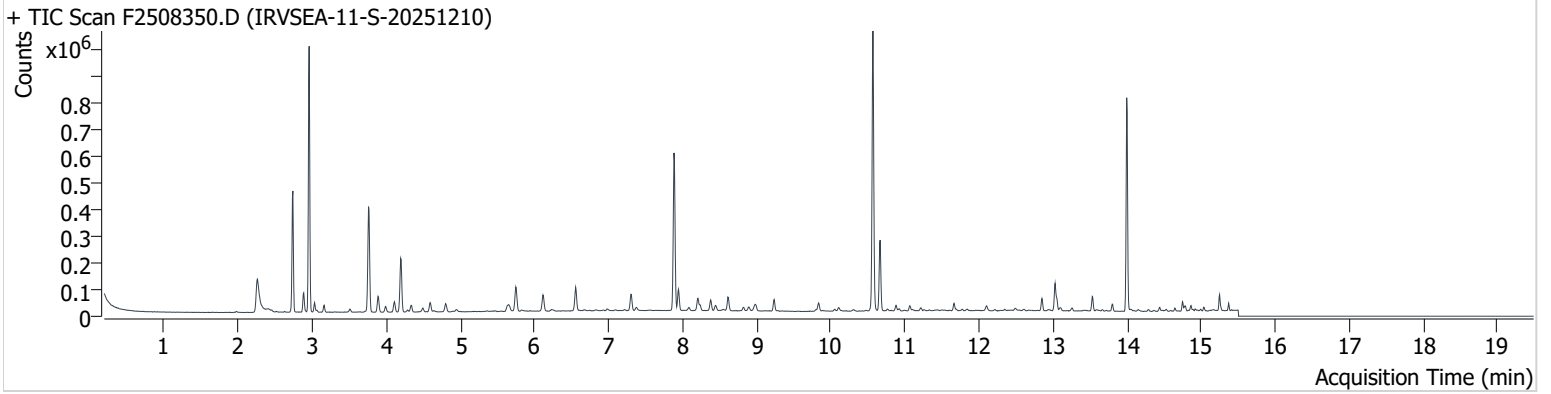


+ Scan (13.491-13.582 min, 15 scans) F2508349.D



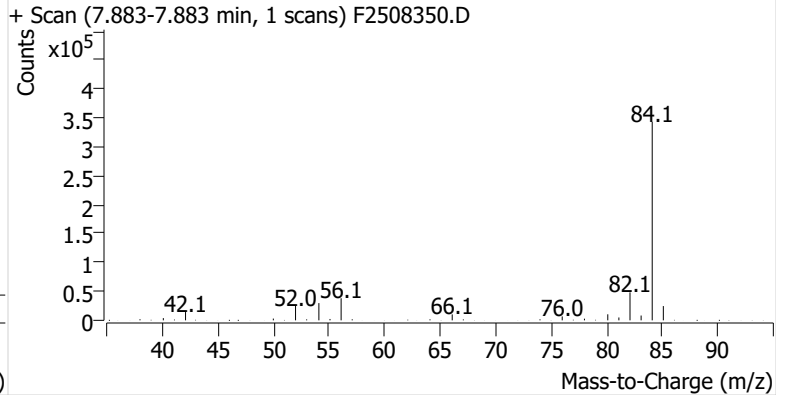
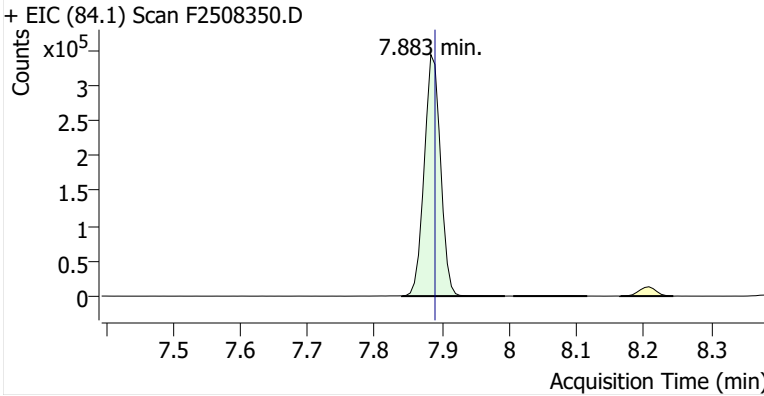
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Comment C24237
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Acq. Date-Time 12/25/2025 2:25:49 PM
Acq. Method File M325B-MTD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

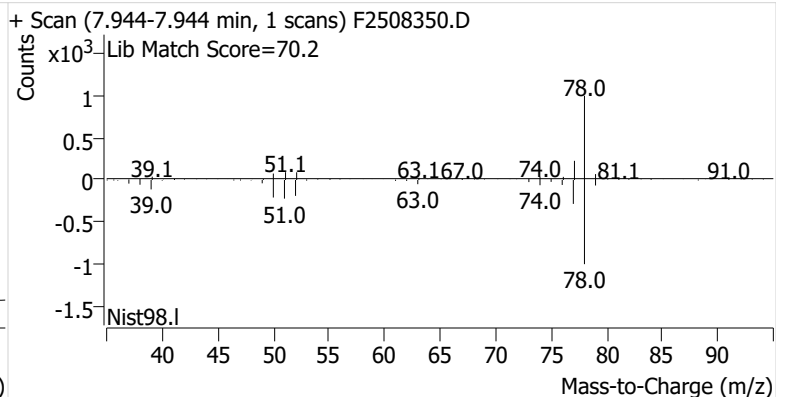
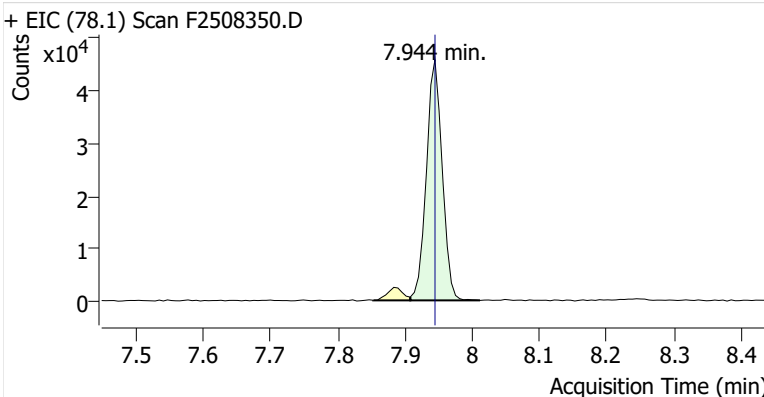


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.883	7.889	578,265	
Benzene	benzene-d6 (IS)	7.944	7.945	74,054	
Toluene-d8 (IS)		10.569	10.569	665,615	
Toluene	Toluene-d8 (IS)	10.667	10.667	188,193	
Ethylbenzene	Toluene-d8 (IS)	12.851	12.851	30,424	
m-/p-Xylenes	Toluene-d8 (IS)	13.028	13.028	78,102	
o-Xylene	Toluene-d8 (IS)	13.530	13.530	31,922	

benzene-d6 (IS)

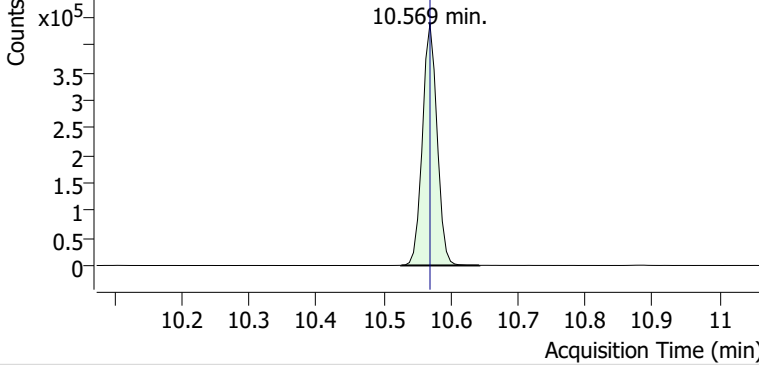


Benzene

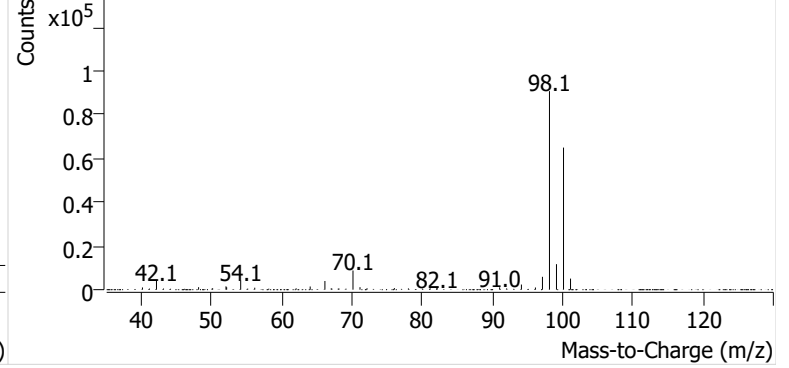


Toluene-d8 (IS)

+ EIC (98.1) Scan F2508350.D

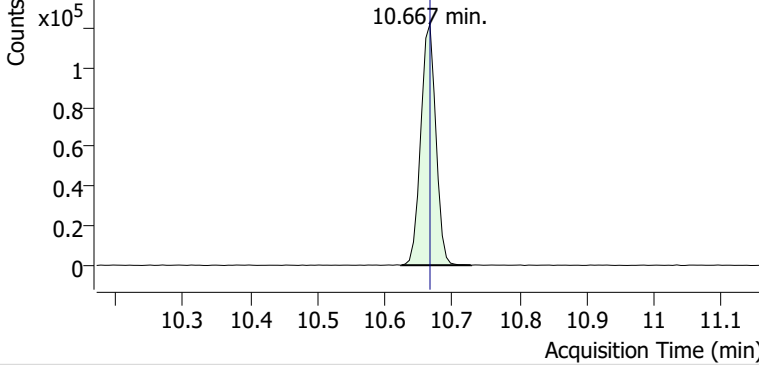


+ Scan (10.526-10.642 min, 20 scans) F2508350.D

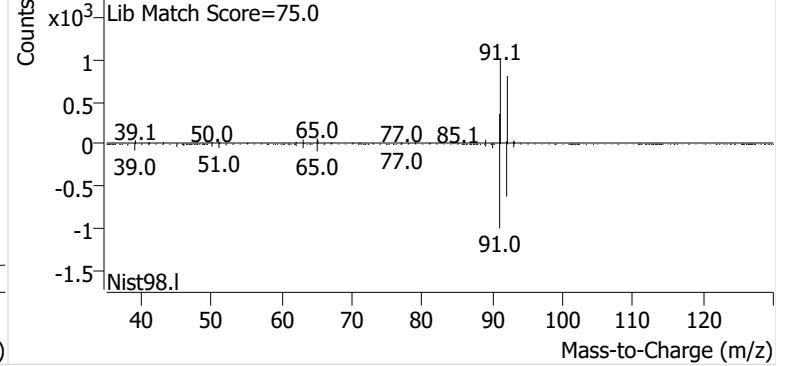


Toluene

+ EIC (91.1) Scan F2508350.D

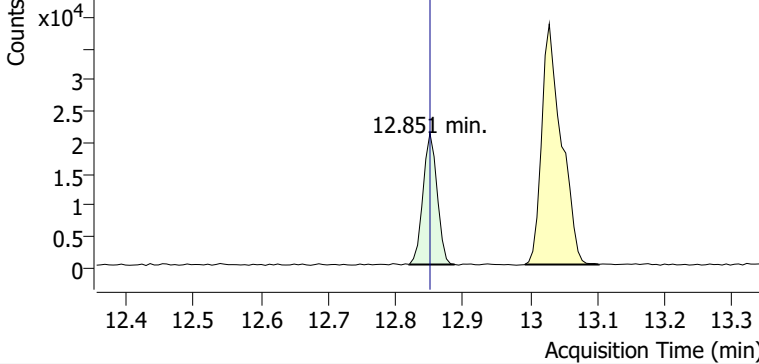


+ Scan (10.624-10.728 min, 18 scans) F2508350.D

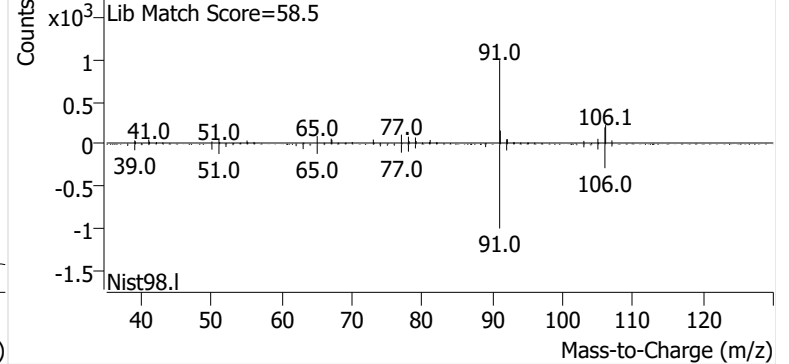


Ethylbenzene

+ EIC (91.1) Scan F2508350.D

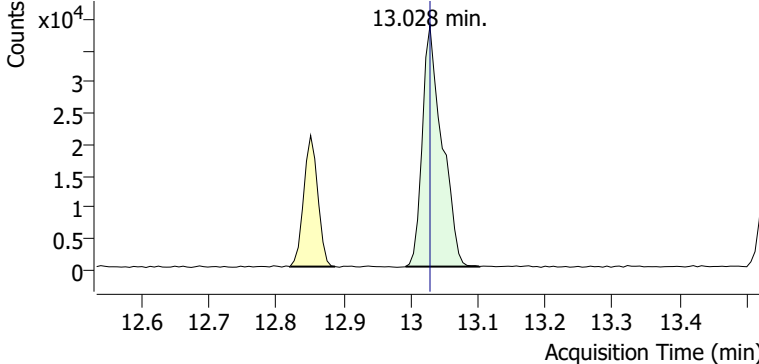


+ Scan (12.820-12.888 min, 11 scans) F2508350.D

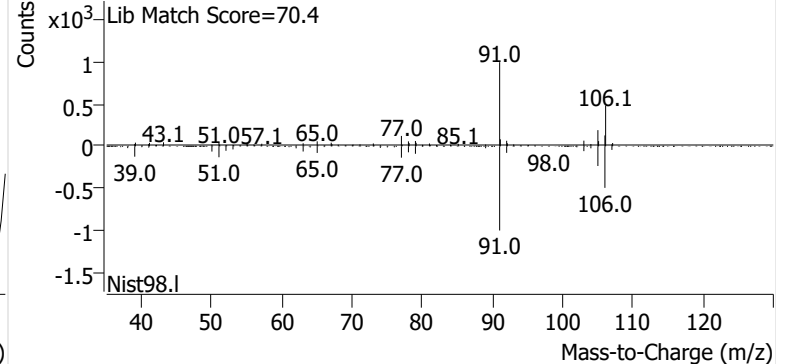


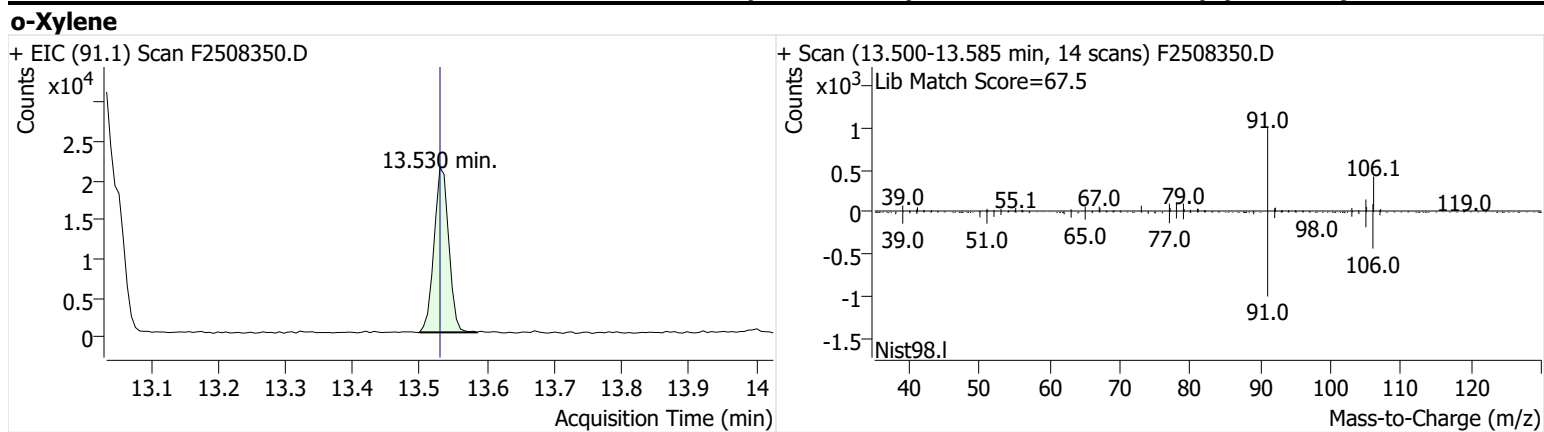
m-/p-Xylenes

+ EIC (91.1) Scan F2508350.D



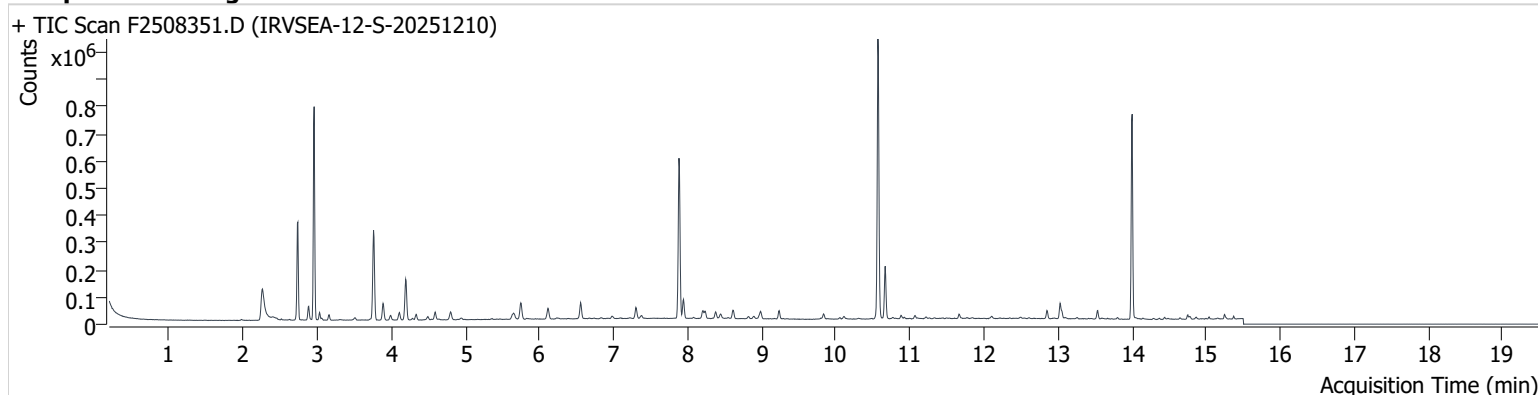
+ Scan (12.992-13.102 min, 18 scans) F2508350.D





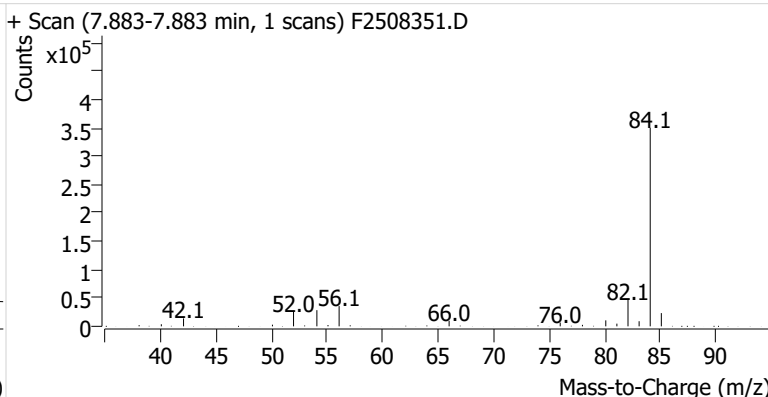
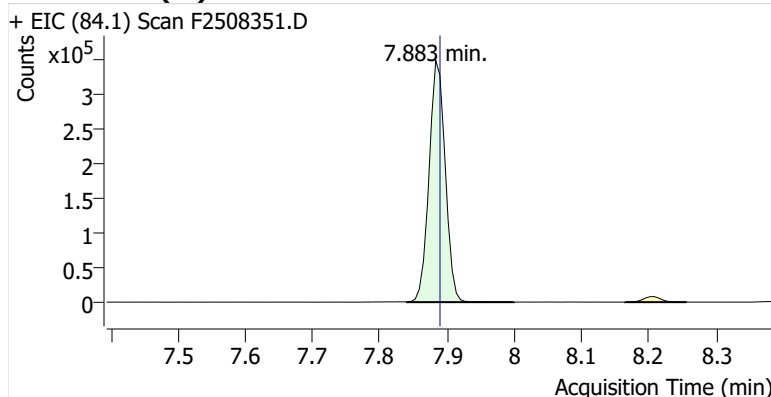
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Comment B42369
Data File F2508351.D
Acq. Date-Time 12/25/2025 2:51:13 PM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

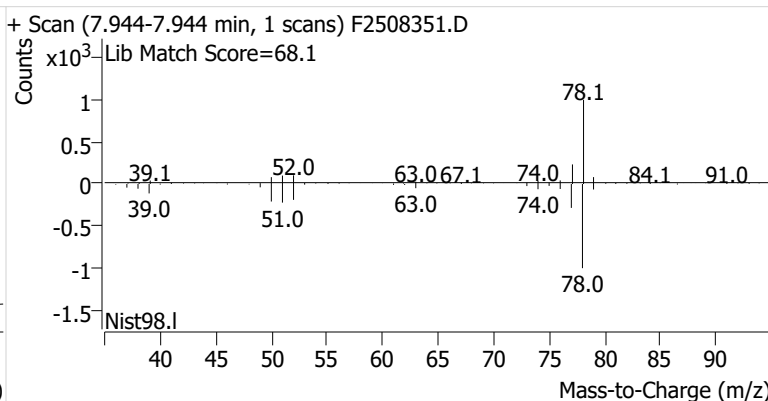
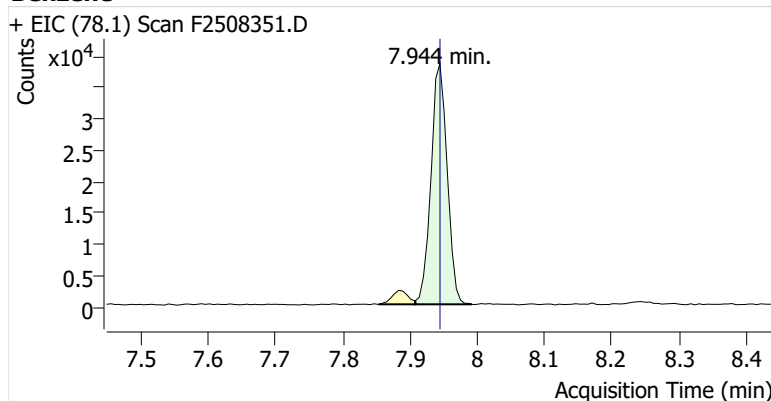


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.883	7.889	583,800	
Benzene	benzene-d6 (IS)	7.944	7.945	64,313	
Toluene-d8 (IS)		10.569	10.569	666,040	
Toluene	Toluene-d8 (IS)	10.667	10.667	128,177	
Ethylbenzene	Toluene-d8 (IS)	12.851	12.851	20,761	
m-/p-Xylenes	Toluene-d8 (IS)	13.028	13.028	44,081	
o-Xylene	Toluene-d8 (IS)	13.536	13.530	17,654	

benzene-d6 (IS)

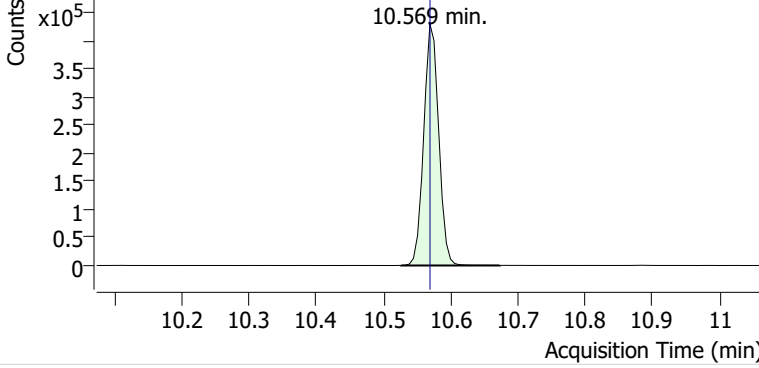


Benzene

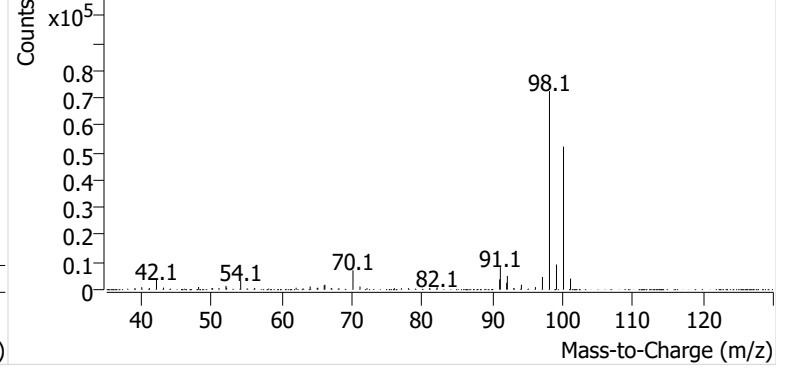


Toluene-d8 (IS)

+ EIC (98.1) Scan F2508351.D

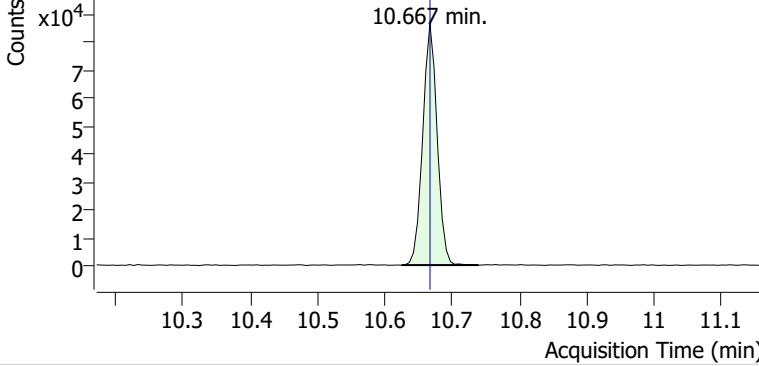


+ Scan (10.526-10.673 min, 25 scans) F2508351.D

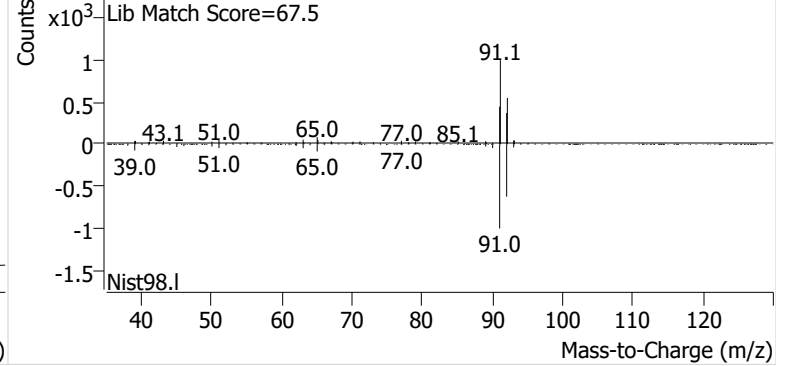


Toluene

+ EIC (91.1) Scan F2508351.D

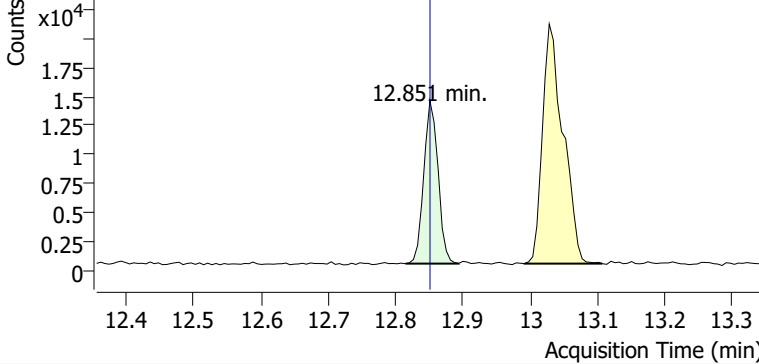


+ Scan (10.625-10.739 min, 18 scans) F2508351.D

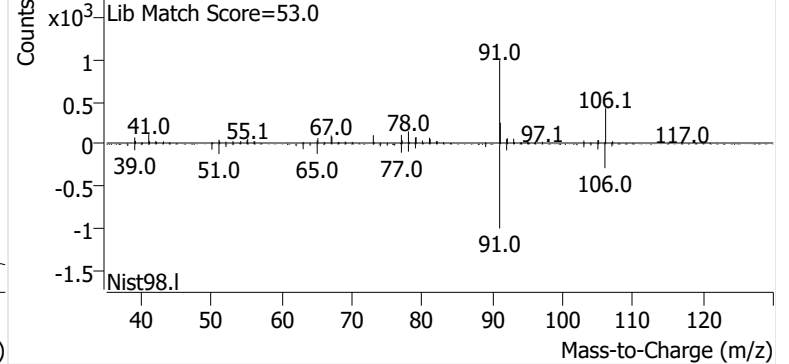


Ethylbenzene

+ EIC (91.1) Scan F2508351.D

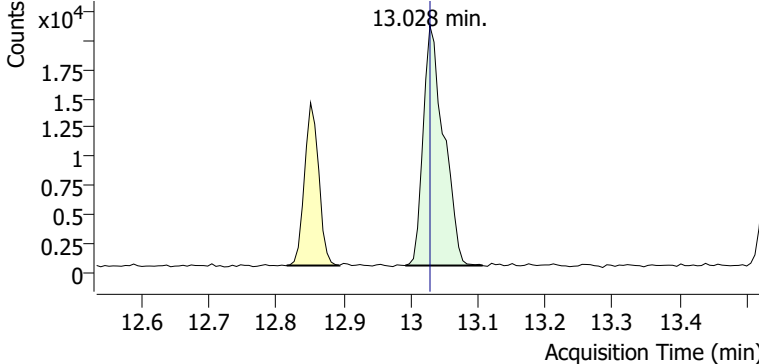


+ Scan (12.815-12.894 min, 13 scans) F2508351.D

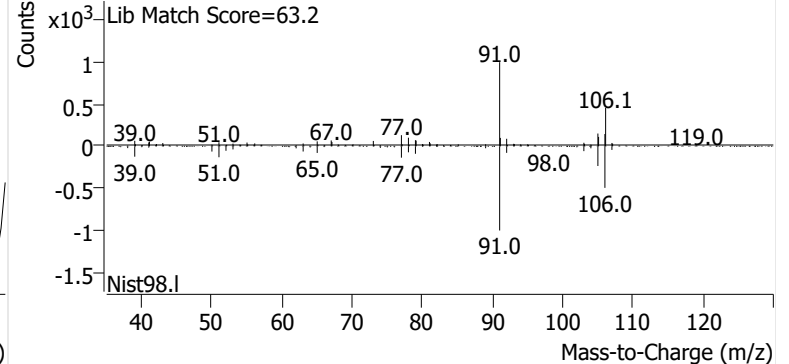


m-/p-Xylenes

+ EIC (91.1) Scan F2508351.D

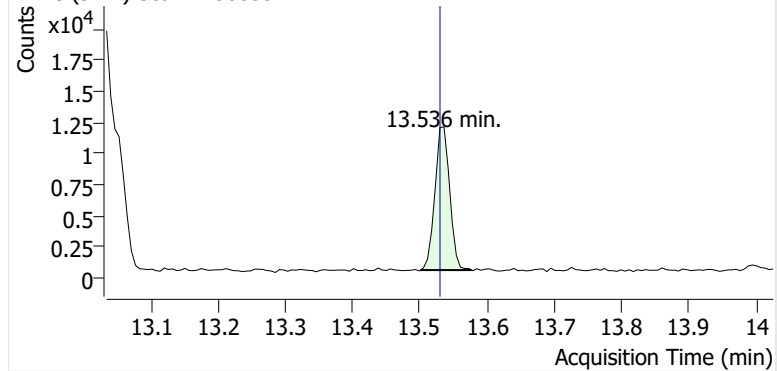


+ Scan (12.992-13.107 min, 18 scans) F2508351.D

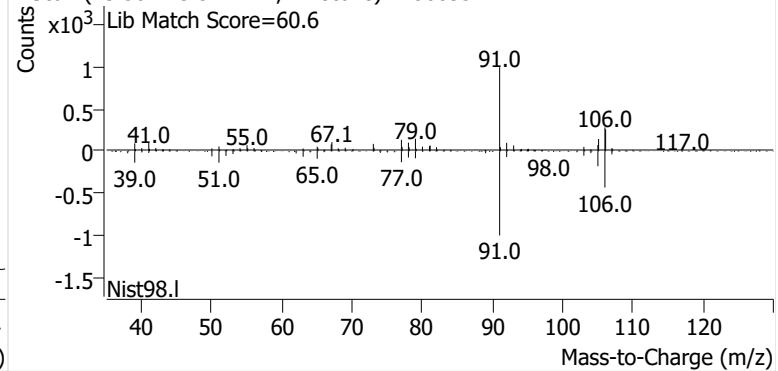


o-Xylene

+ EIC (91.1) Scan F2508351.D

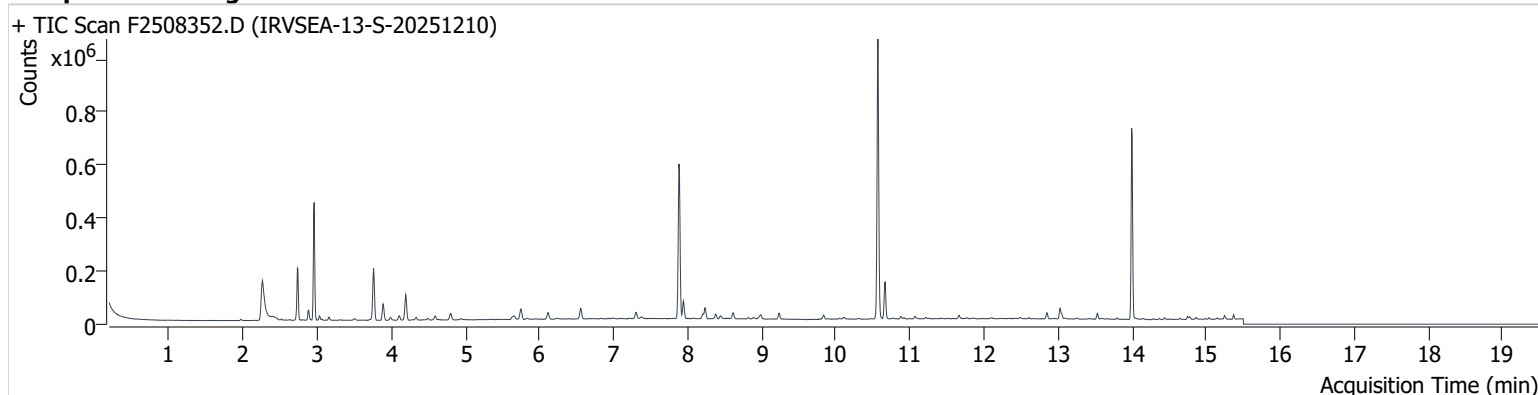


+ Scan (13.501-13.577 min, 12 scans) F2508351.D



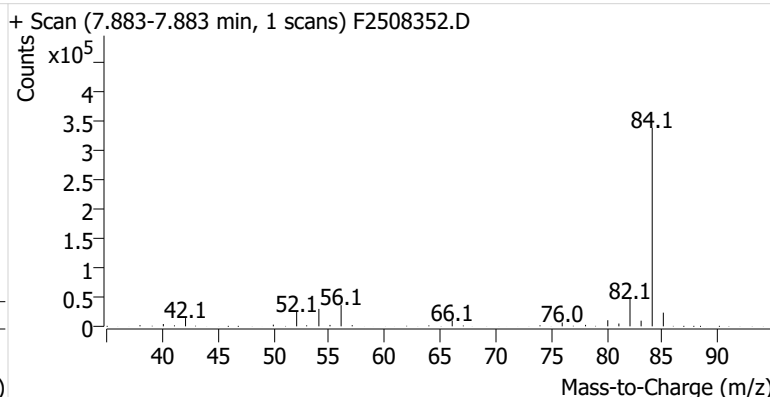
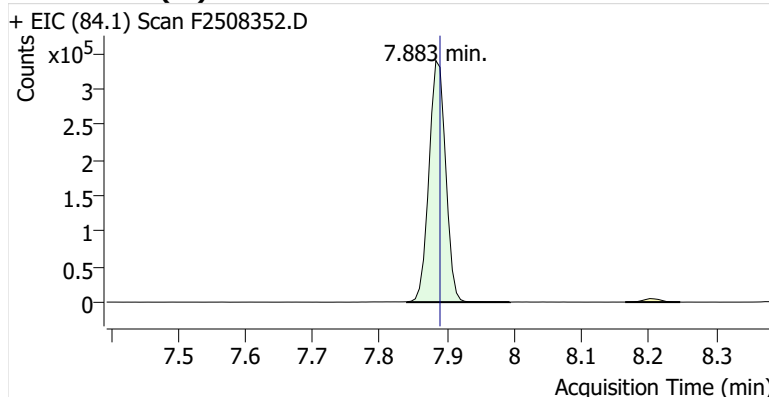
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Comment C37473
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Acq. Date-Time 12/25/2025 3:16:37 PM
Acq. Method File M325B-MTD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

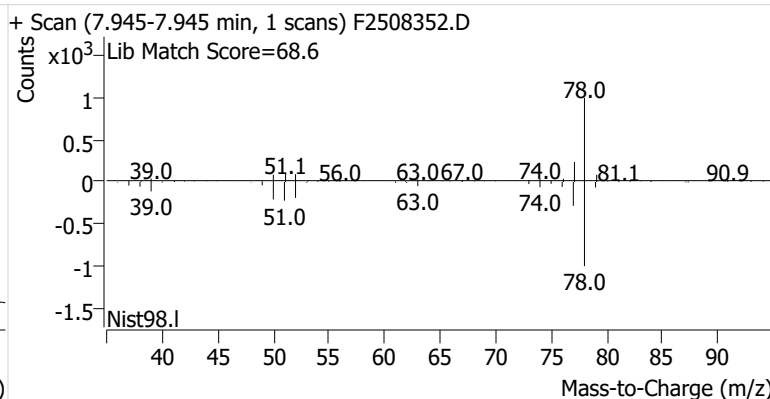
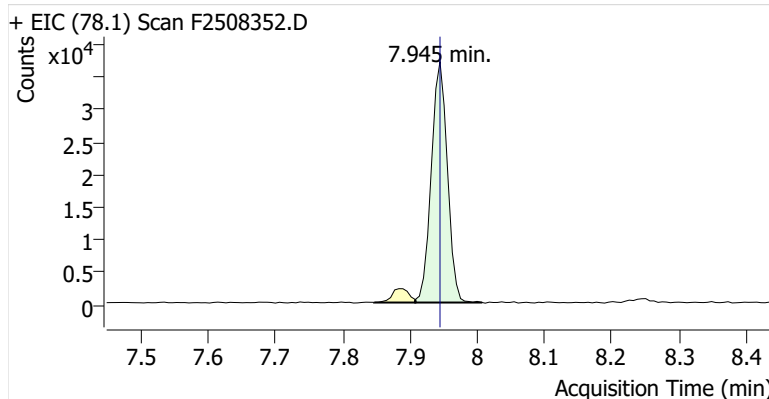


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.883	7.889	584,038	
Benzene	benzene-d6 (IS)	7.945	7.945	61,472	
Toluene-d8 (IS)		10.569	10.569	672,938	
Toluene	Toluene-d8 (IS)	10.667	10.667	98,271	
Ethylbenzene	Toluene-d8 (IS)	12.851	12.851	17,106	
m-/p-Xylenes	Toluene-d8 (IS)	13.028	13.028	29,634	
o-Xylene	Toluene-d8 (IS)	13.530	13.530	12,429	

benzene-d6 (IS)

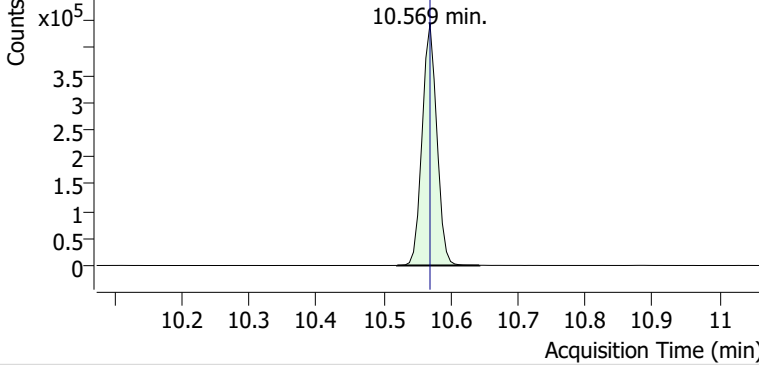


Benzene

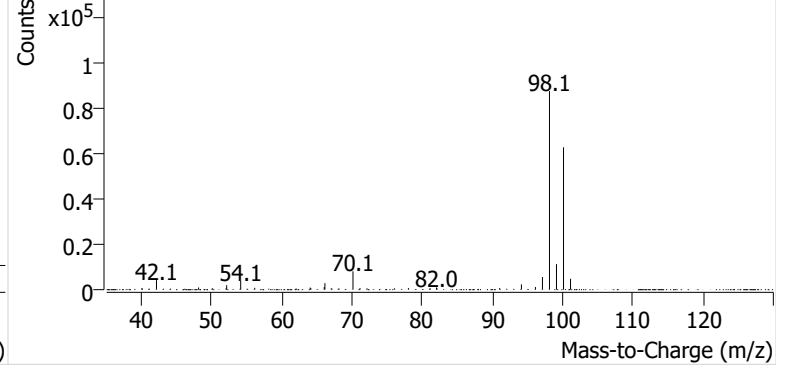


Toluene-d8 (IS)

+ EIC (98.1) Scan F2508352.D

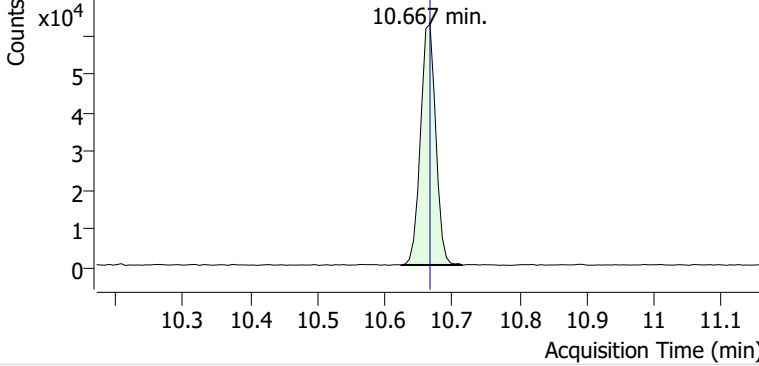


+ Scan (10.520-10.642 min, 21 scans) F2508352.D

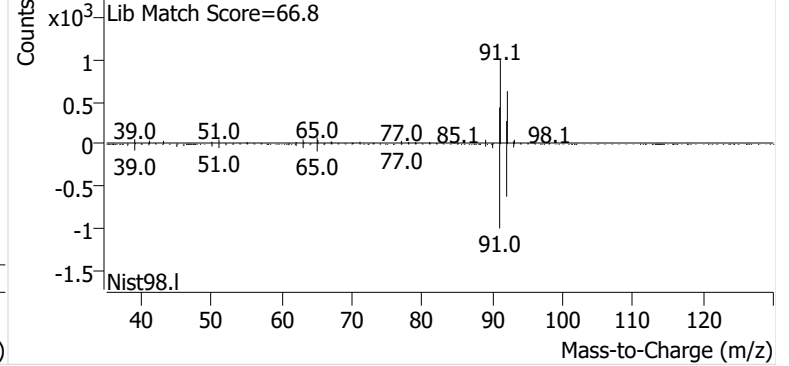


Toluene

+ EIC (91.1) Scan F2508352.D

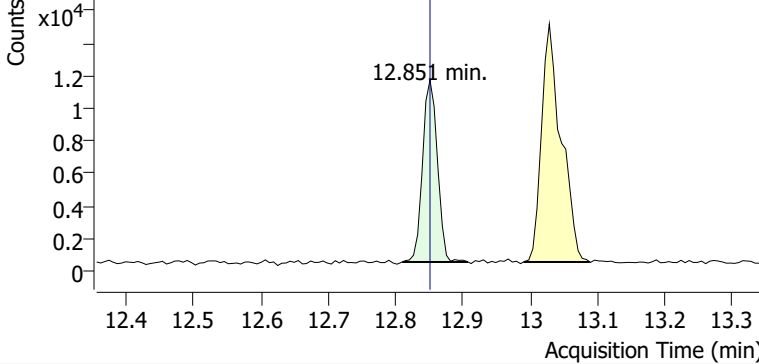


+ Scan (10.624-10.715 min, 15 scans) F2508352.D

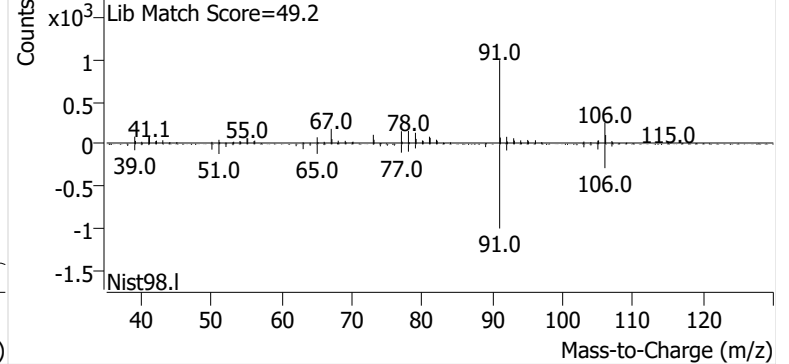


Ethylbenzene

+ EIC (91.1) Scan F2508352.D

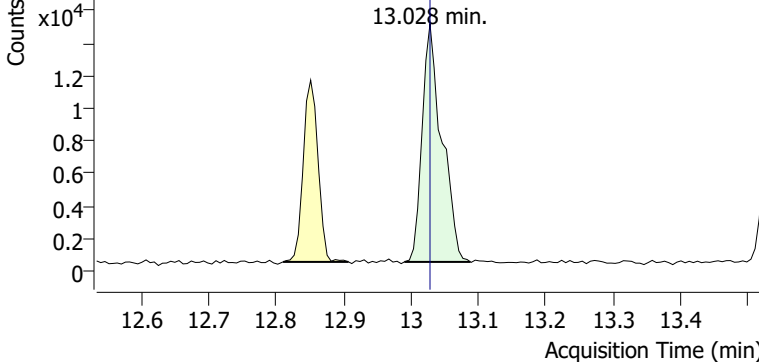


+ Scan (12.810-12.908 min, 16 scans) F2508352.D

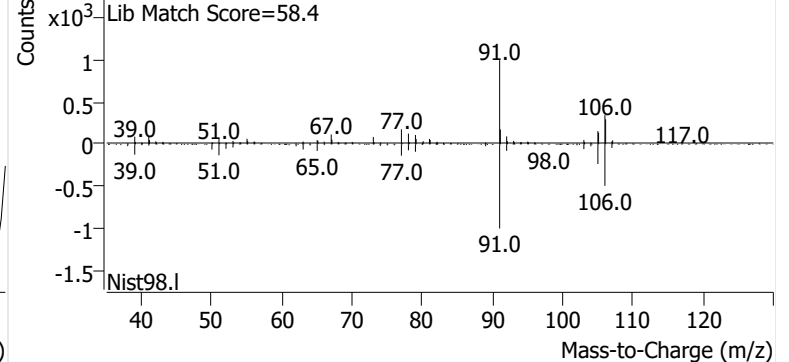


m-/p-Xylenes

+ EIC (91.1) Scan F2508352.D

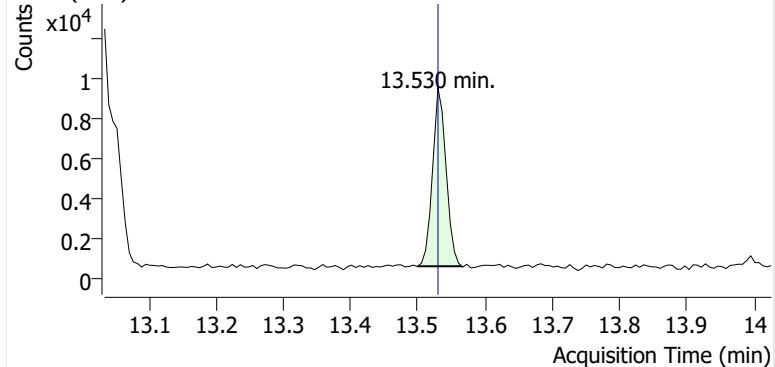


+ Scan (12.990-13.088 min, 16 scans) F2508352.D

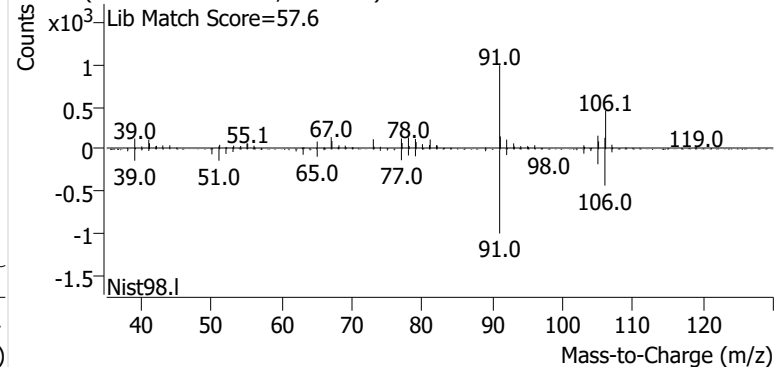


o-Xylene

+ EIC (91.1) Scan F2508352.D

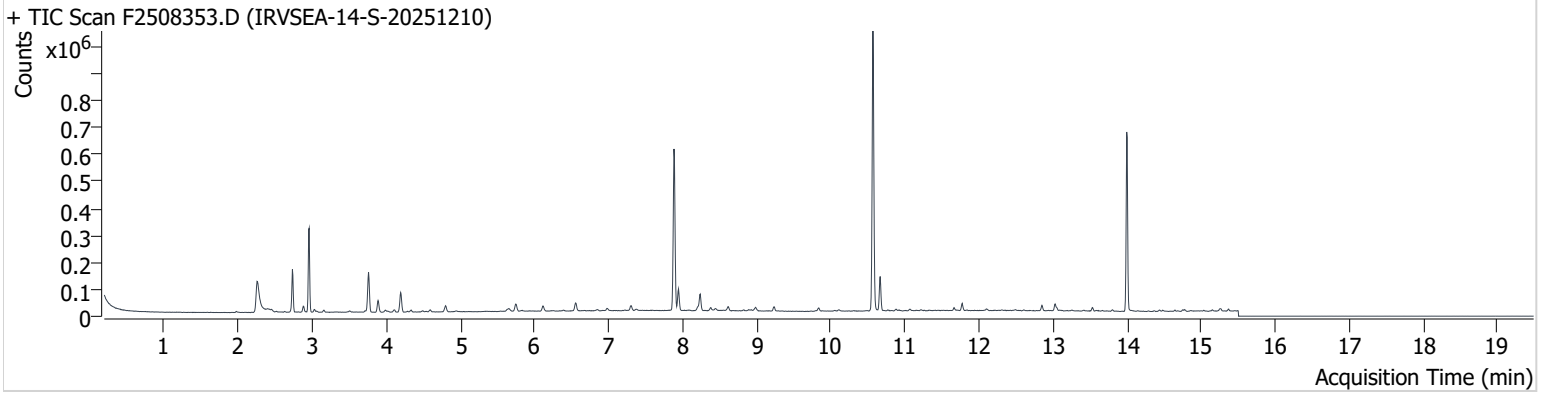


+ Scan (13.500-13.565 min, 10 scans) F2508352.D



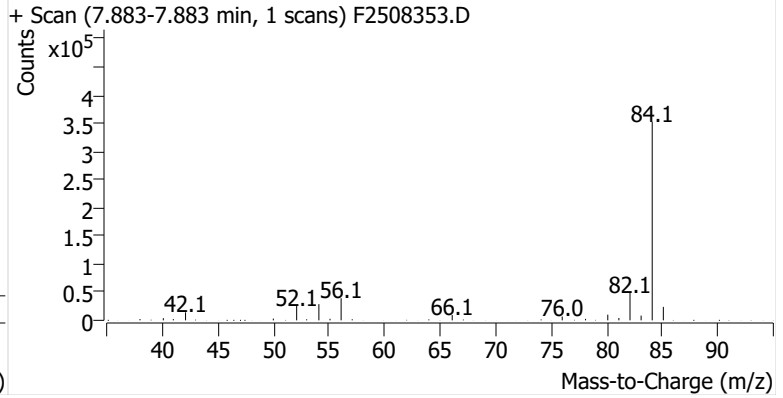
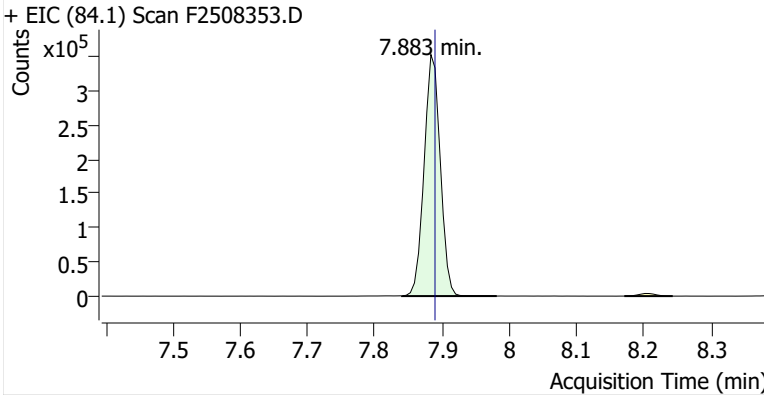
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Comment B15717
Data File F2508353.D
Acq. Date-Time 12/25/2025 3:42:02 PM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

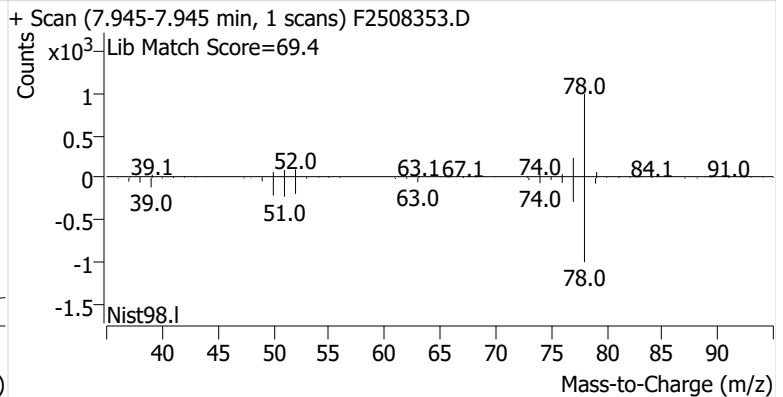
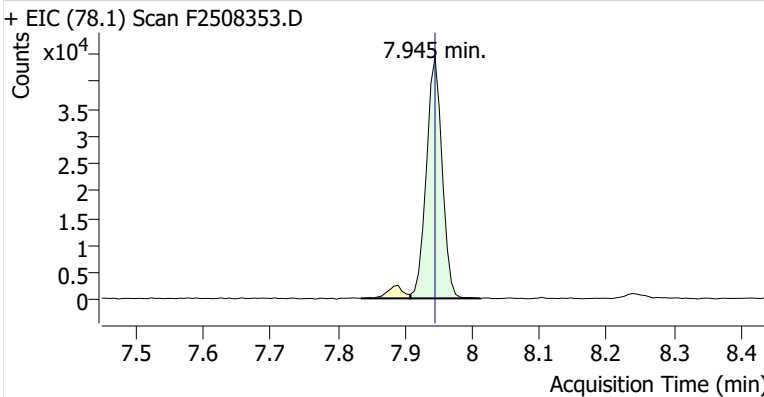


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.883	7.889	587,857	
Benzene	benzene-d6 (IS)	7.945	7.945	71,882	
Toluene-d8 (IS)		10.569	10.569	669,592	
Toluene	Toluene-d8 (IS)	10.667	10.667	85,721	
Ethylbenzene	Toluene-d8 (IS)	12.851	12.851	13,785	
m-/p-Xylenes	Toluene-d8 (IS)	13.028	13.028	18,313	
o-Xylene	Toluene-d8 (IS)	13.530	13.530	7,600	

benzene-d6 (IS)

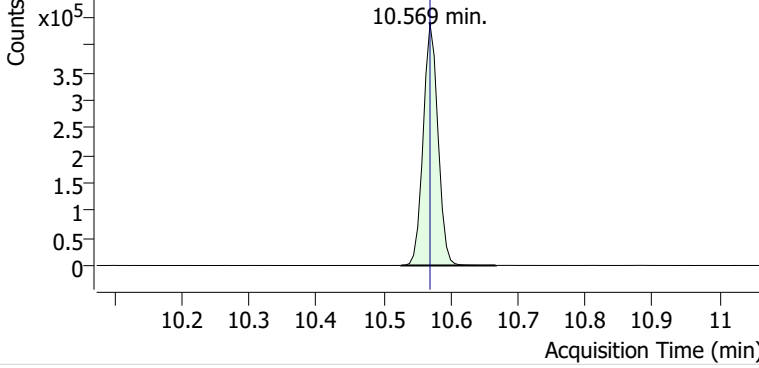


Benzene

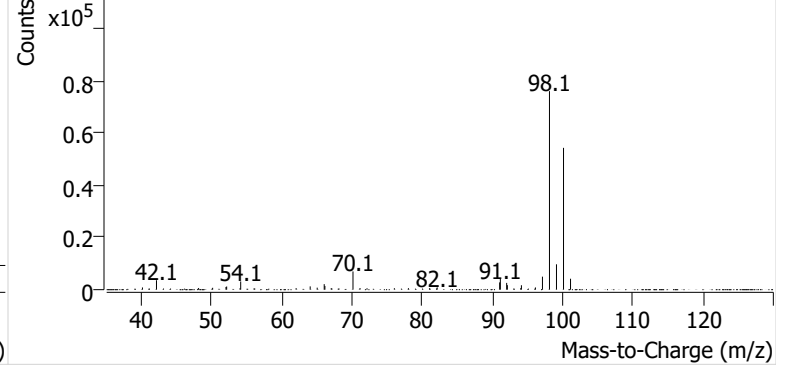


Toluene-d8 (IS)

+ EIC (98.1) Scan F2508353.D

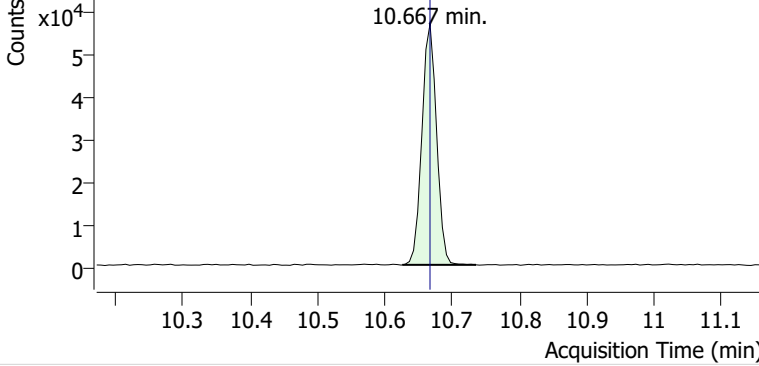


+ Scan (10.526-10.667 min, 24 scans) F2508353.D

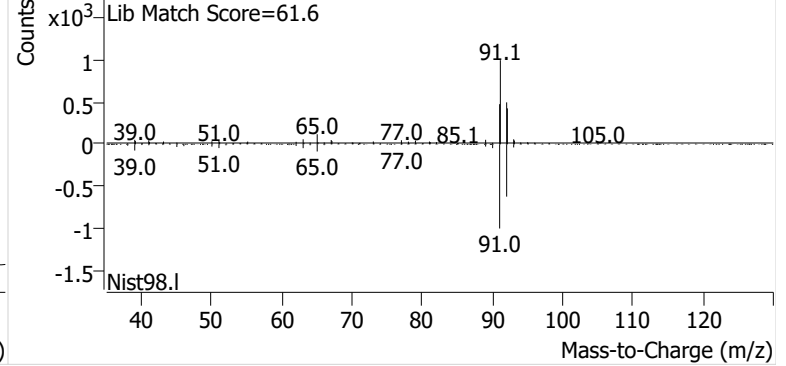


Toluene

+ EIC (91.1) Scan F2508353.D

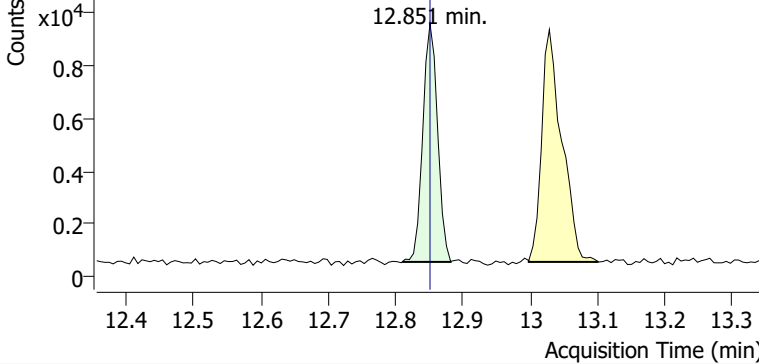


+ Scan (10.626-10.735 min, 18 scans) F2508353.D

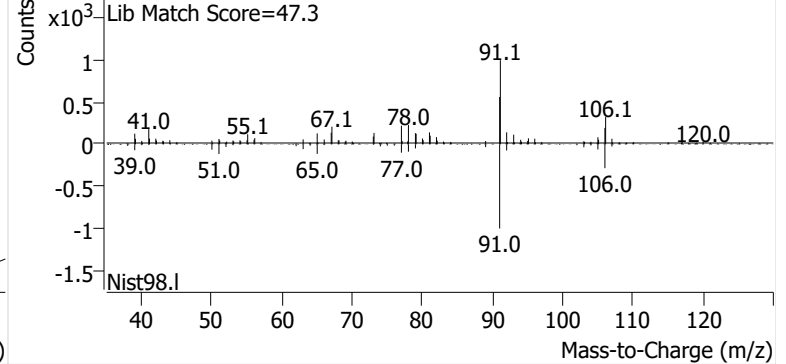


Ethylbenzene

+ EIC (91.1) Scan F2508353.D

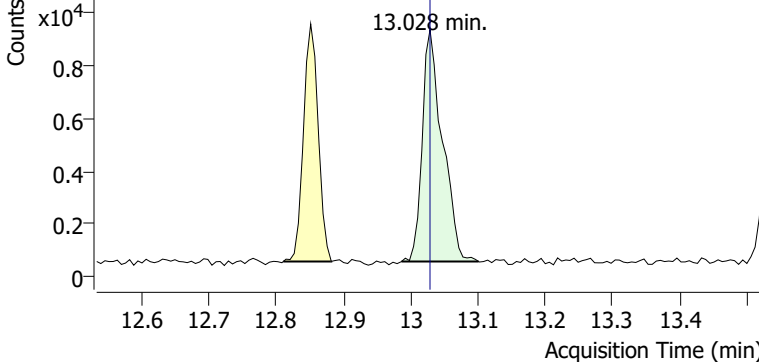


+ Scan (12.810-12.882 min, 12 scans) F2508353.D

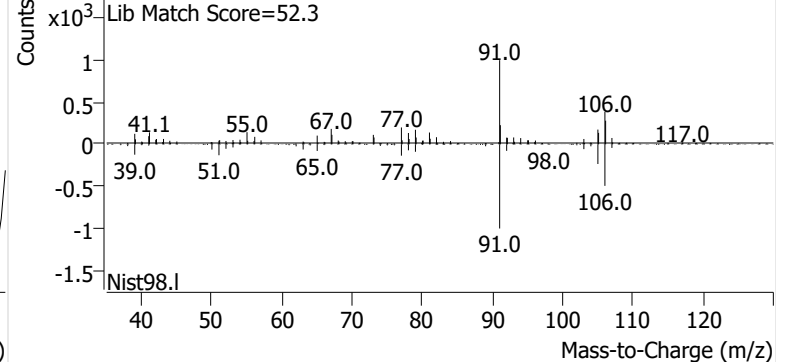


m-/p-Xylenes

+ EIC (91.1) Scan F2508353.D

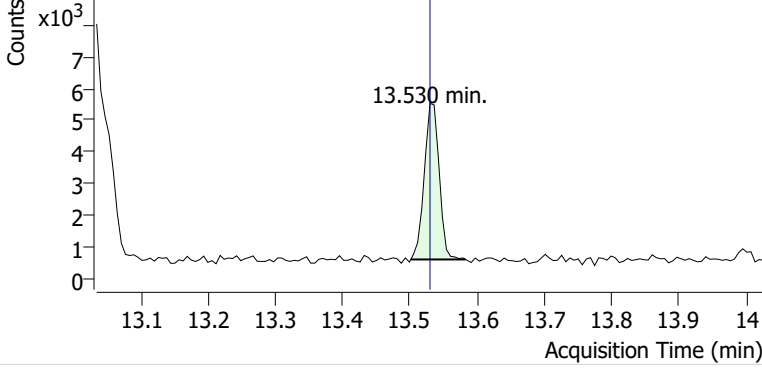


+ Scan (12.986-13.101 min, 18 scans) F2508353.D

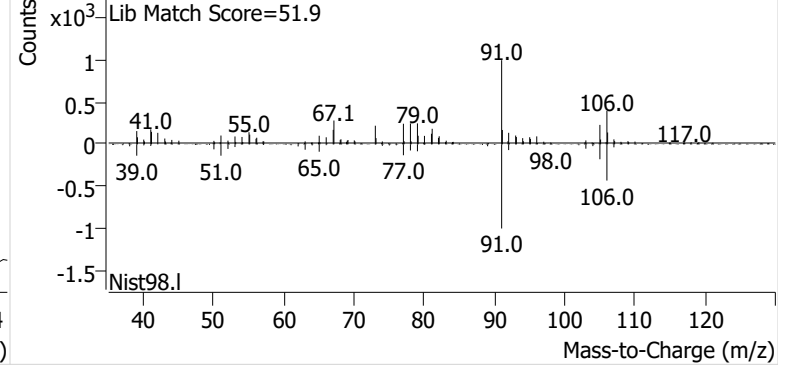


o-Xylene

+ EIC (91.1) Scan F2508353.D

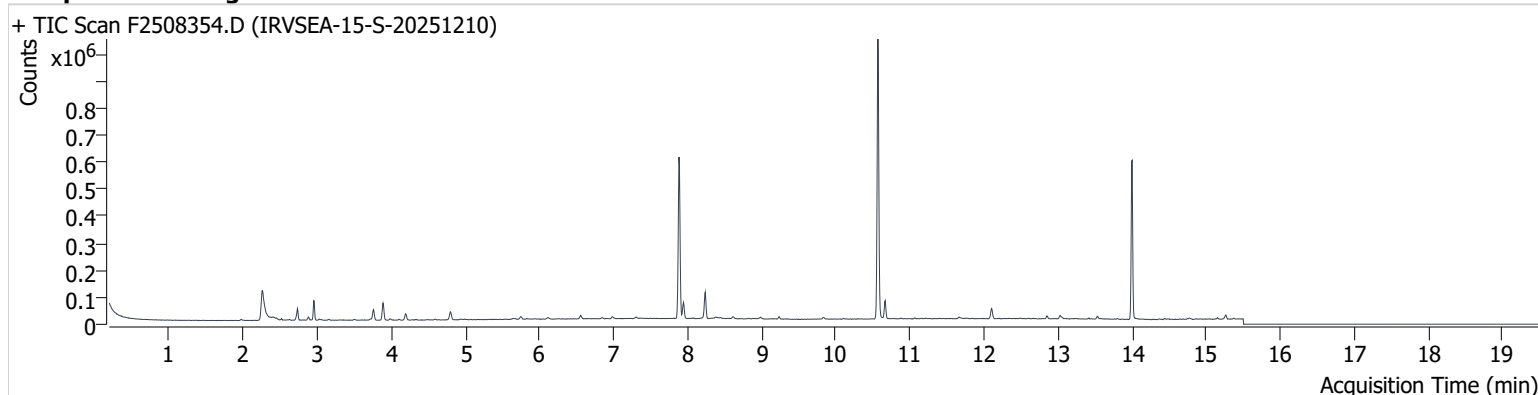


+ Scan (13.502-13.583 min, 13 scans) F2508353.D



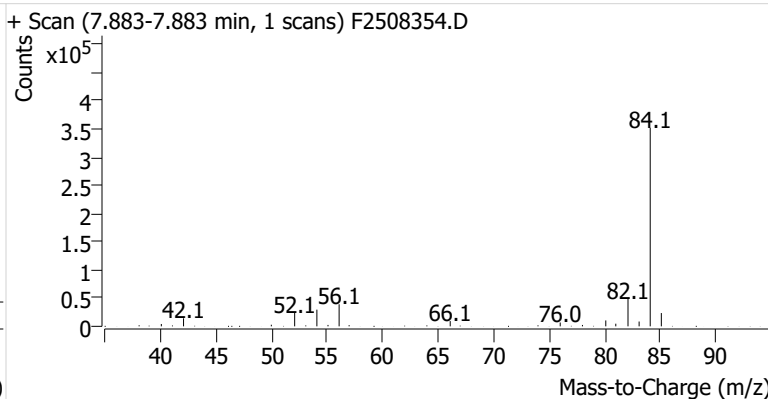
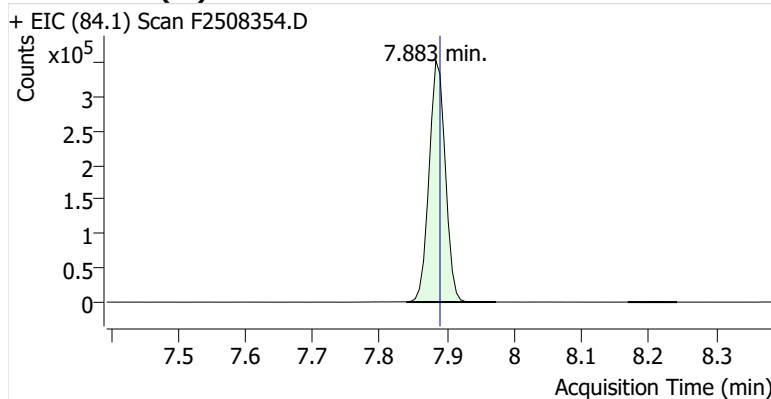
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Comment B17545
Data File F2508354.D
Acq. Date-Time 12/25/2025 4:07:26 PM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

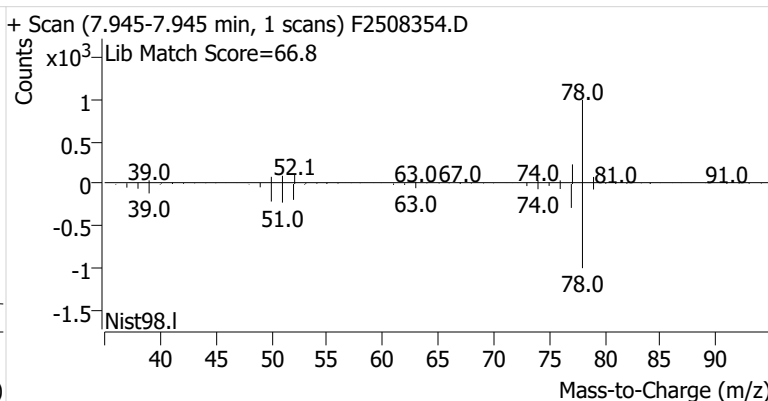
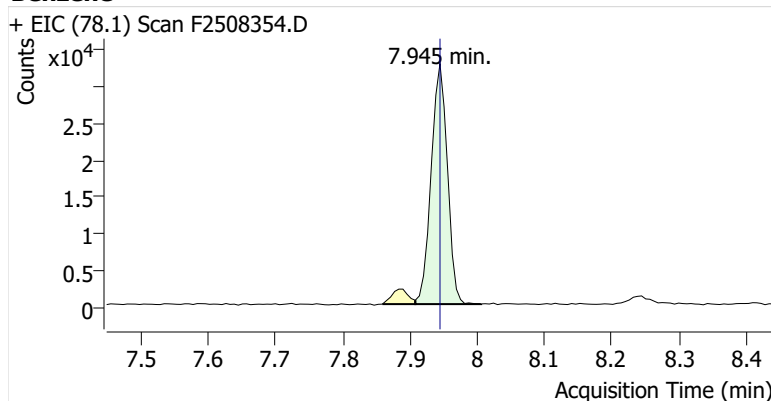


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.883	7.889	588,074	
Benzene	benzene-d6 (IS)	7.945	7.945	54,984	
Toluene-d8 (IS)		10.569	10.569	663,861	
Toluene	Toluene-d8 (IS)	10.667	10.667	46,690	
Ethylbenzene	Toluene-d8 (IS)	12.851	12.851	7,263	
m-/p-Xylenes	Toluene-d8 (IS)	13.028	13.028	9,379	
o-Xylene	Toluene-d8 (IS)	13.536	13.530	4,211	

benzene-d6 (IS)

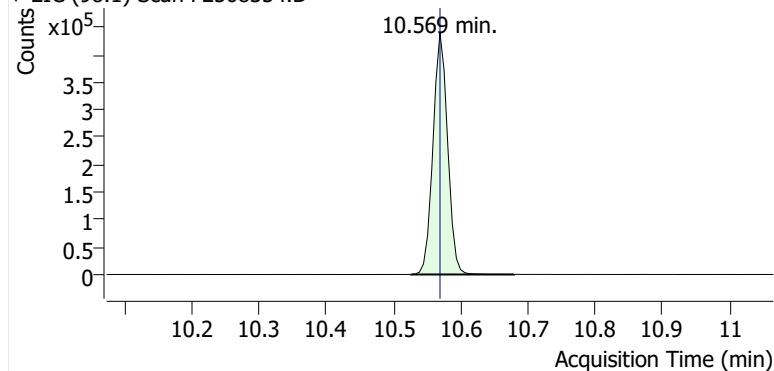


Benzene

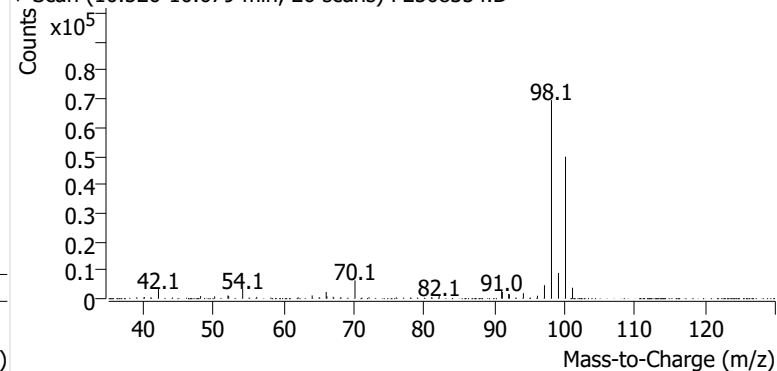


Toluene-d8 (IS)

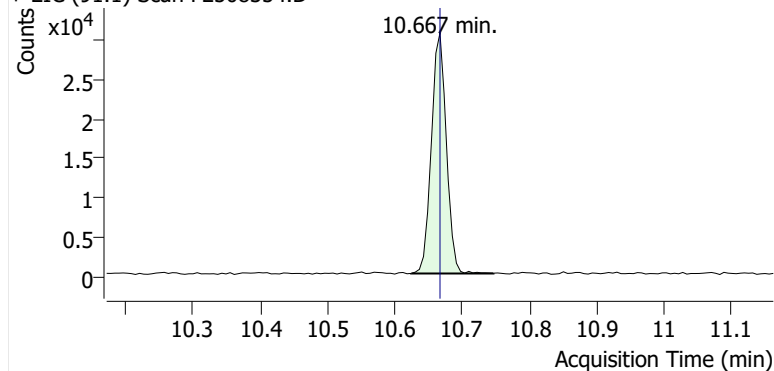
+ EIC (98.1) Scan F2508354.D



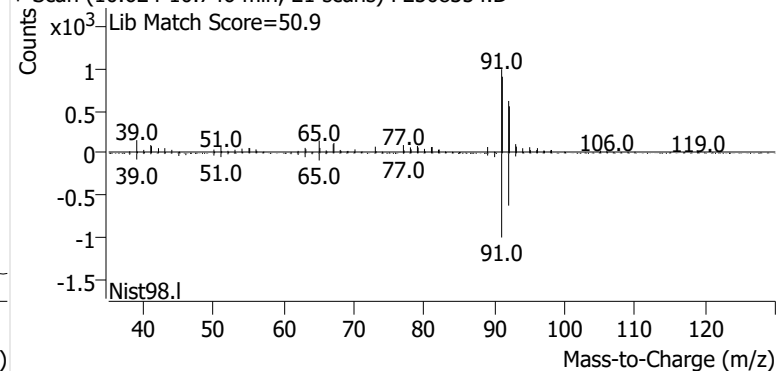
+ Scan (10.526-10.679 min, 26 scans) F2508354.D

**Toluene**

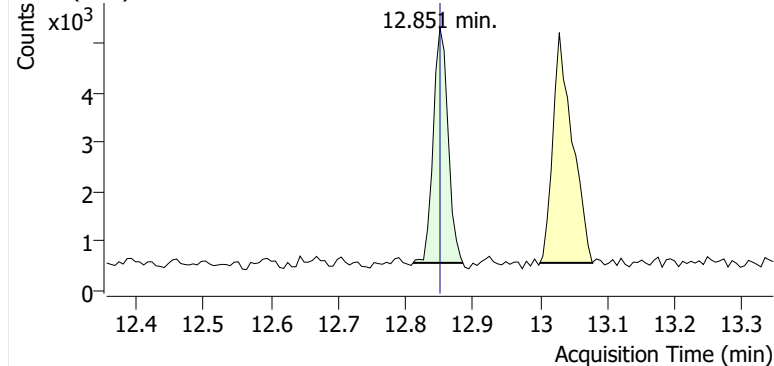
+ EIC (91.1) Scan F2508354.D



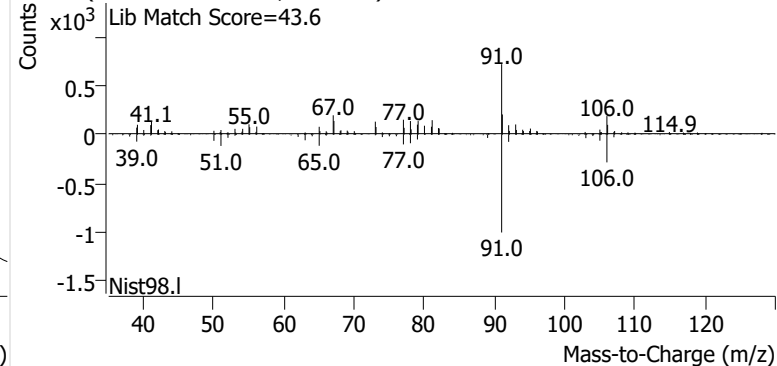
+ Scan (10.624-10.746 min, 21 scans) F2508354.D

**Ethylbenzene**

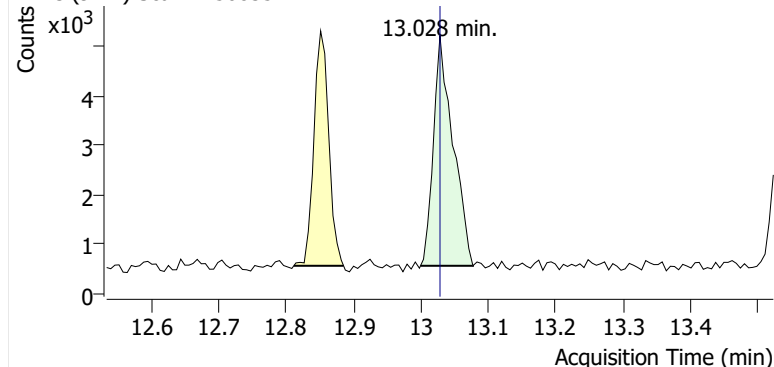
+ EIC (91.1) Scan F2508354.D



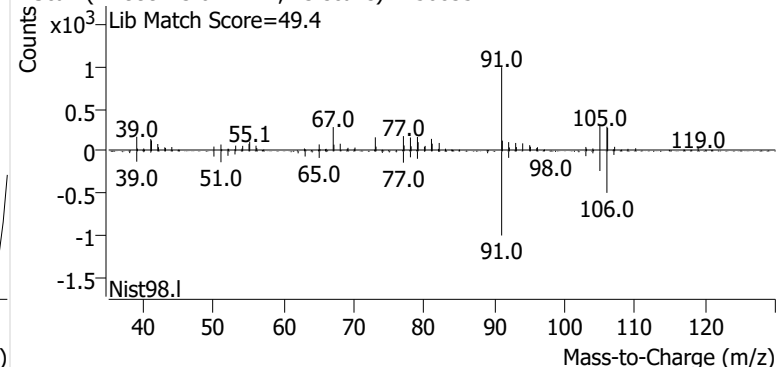
+ Scan (12.811-12.885 min, 12 scans) F2508354.D

**m-/p-Xylenes**

+ EIC (91.1) Scan F2508354.D

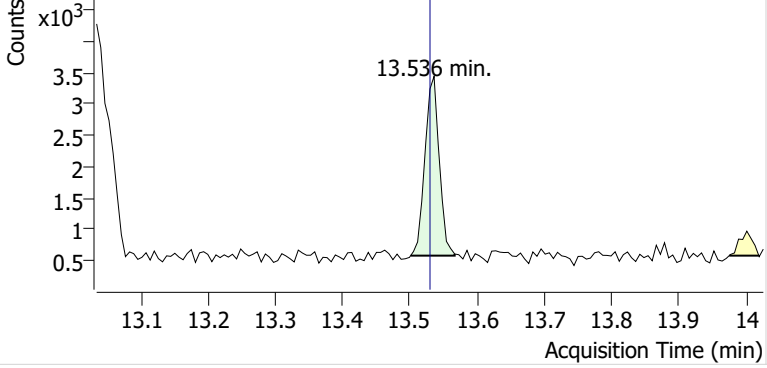


+ Scan (12.999-13.077 min, 13 scans) F2508354.D

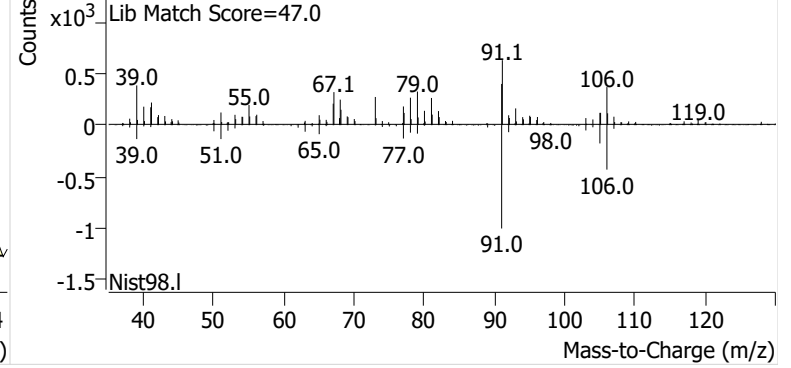


o-Xylene

+ EIC (91.1) Scan F2508354.D

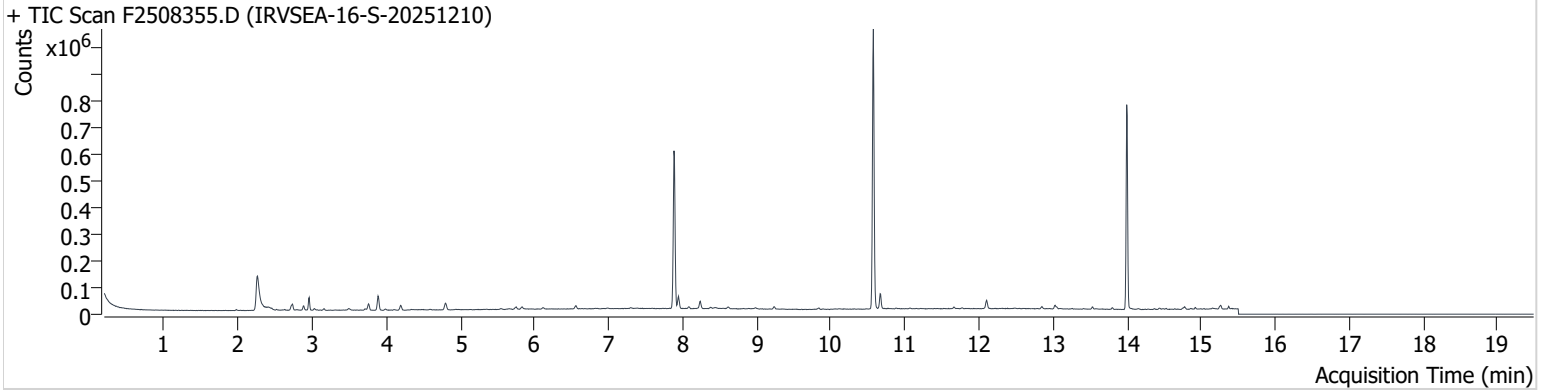


+ Scan (13.501-13.567 min, 11 scans) F2508354.D



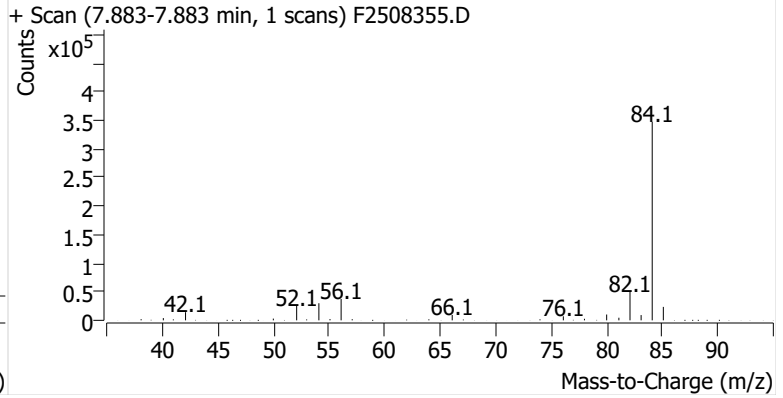
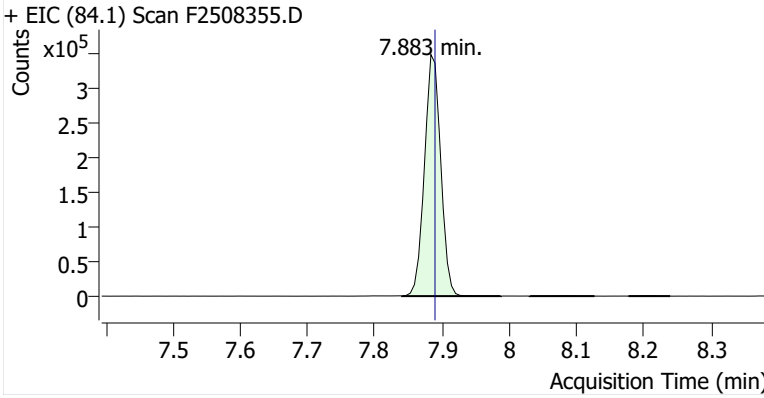
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Comment C57648
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Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

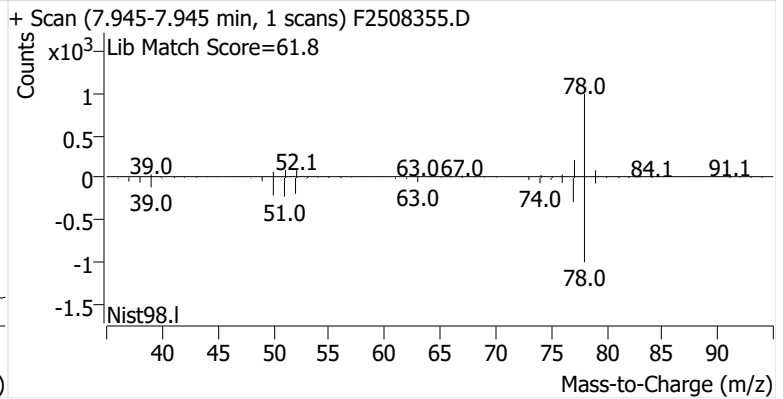
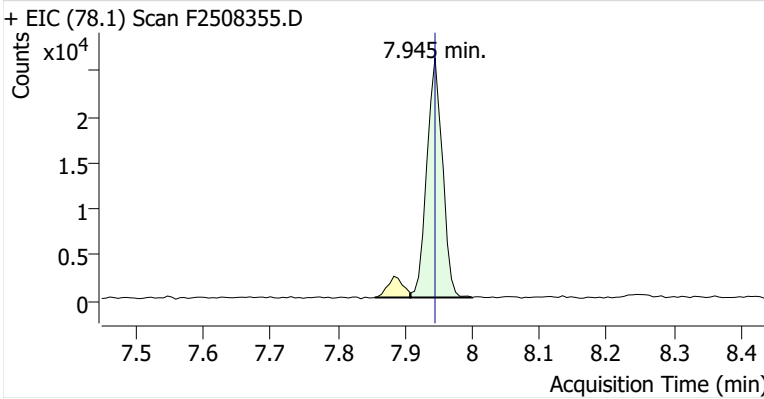


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.883	7.889	583,856	
Benzene	benzene-d6 (IS)	7.945	7.945	42,239	
Toluene-d8 (IS)		10.575	10.569	671,755	
Toluene	Toluene-d8 (IS)	10.667	10.667	39,426	
Ethylbenzene	Toluene-d8 (IS)	12.851	12.851	5,639	
m-/p-Xylenes	Toluene-d8 (IS)	13.028	13.028	10,256	
o-Xylene	Toluene-d8 (IS)	13.536	13.530	4,572	

benzene-d6 (IS)

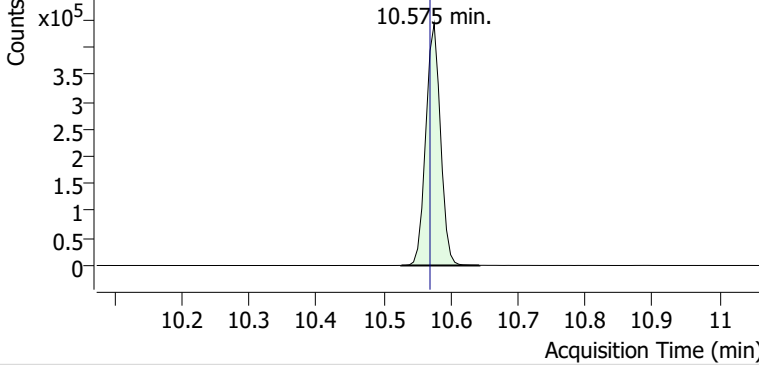


Benzene

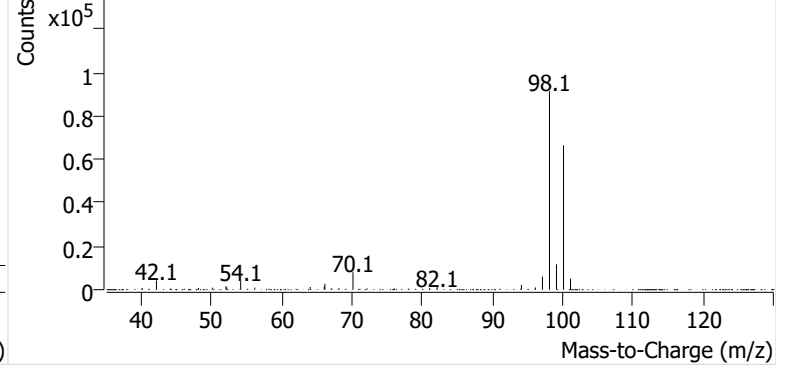


Toluene-d8 (IS)

+ EIC (98.1) Scan F2508355.D

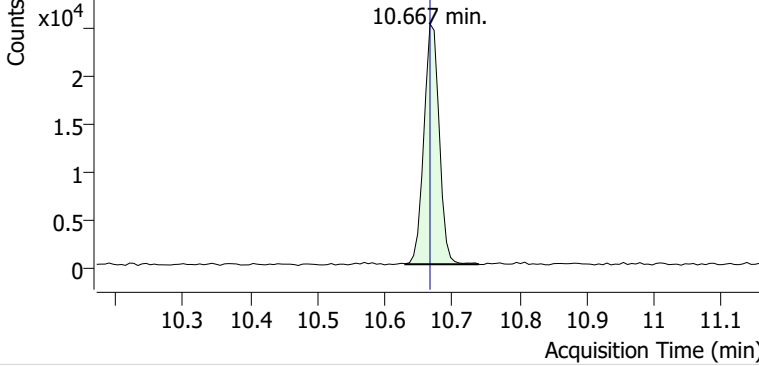


+ Scan (10.526-10.643 min, 20 scans) F2508355.D

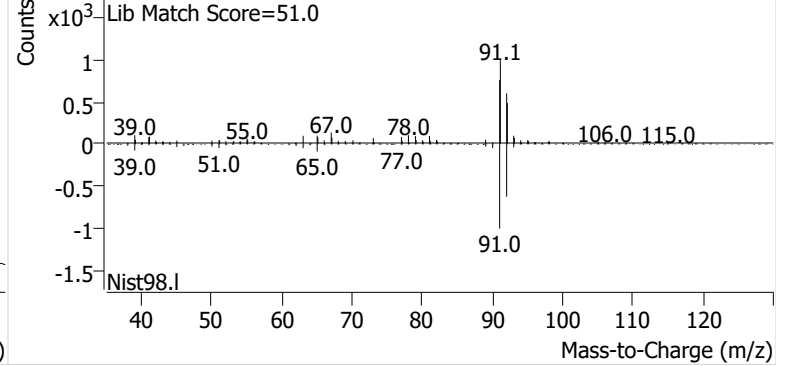


Toluene

+ EIC (91.1) Scan F2508355.D

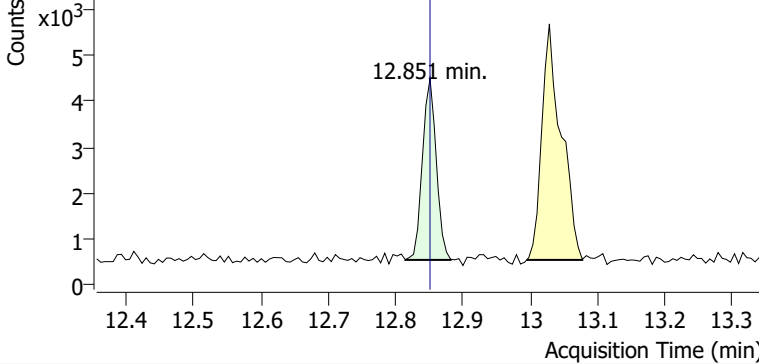


+ Scan (10.630-10.740 min, 18 scans) F2508355.D

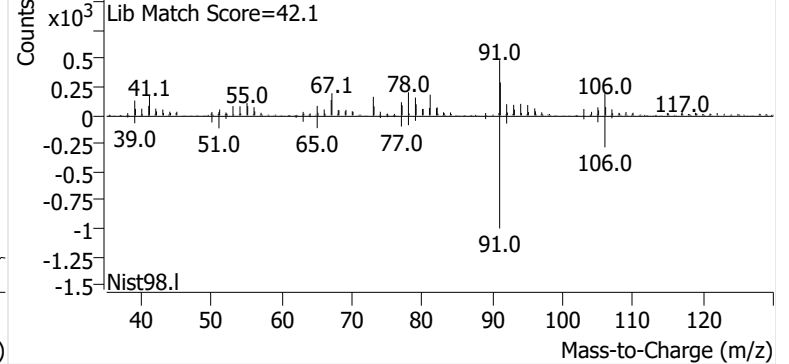


Ethylbenzene

+ EIC (91.1) Scan F2508355.D

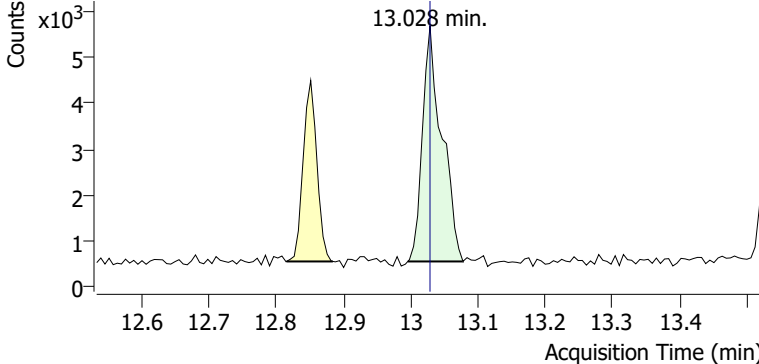


+ Scan (12.814-12.882 min, 12 scans) F2508355.D

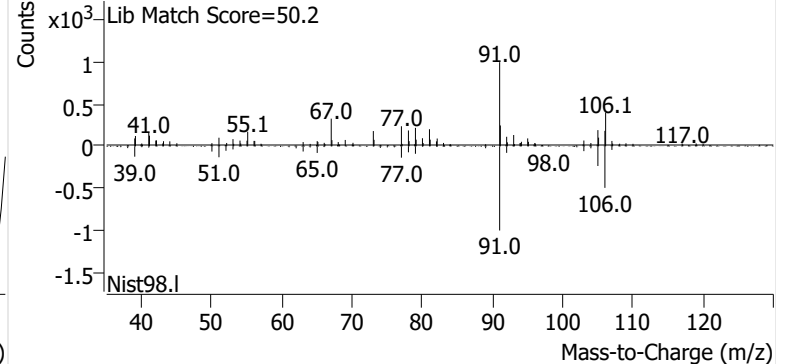


m-/p-Xylenes

+ EIC (91.1) Scan F2508355.D

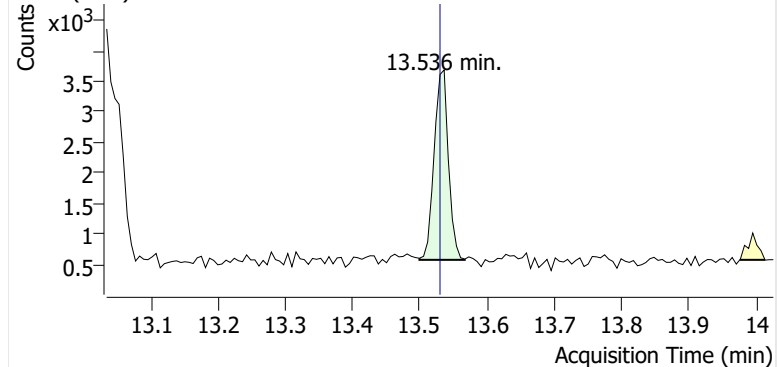


+ Scan (12.995-13.077 min, 14 scans) F2508355.D

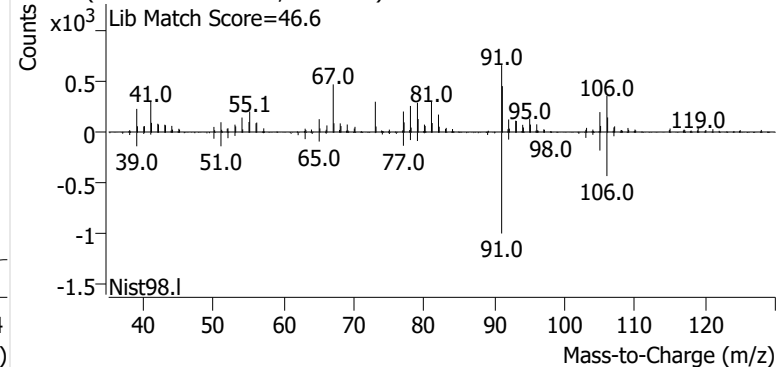


o-Xylene

+ EIC (91.1) Scan F2508355.D

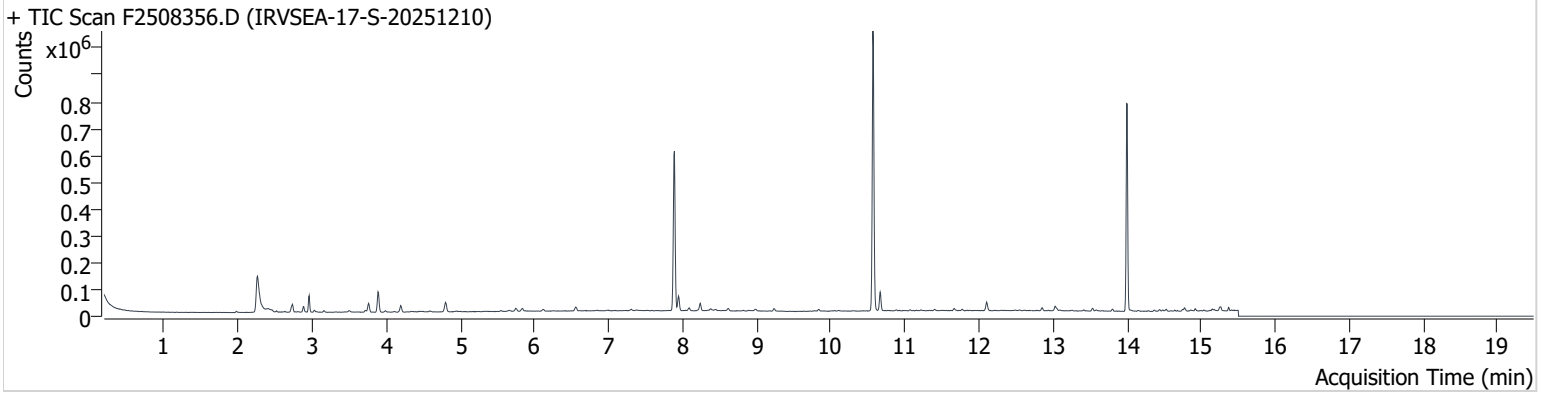


+ Scan (13.500-13.567 min, 12 scans) F2508355.D



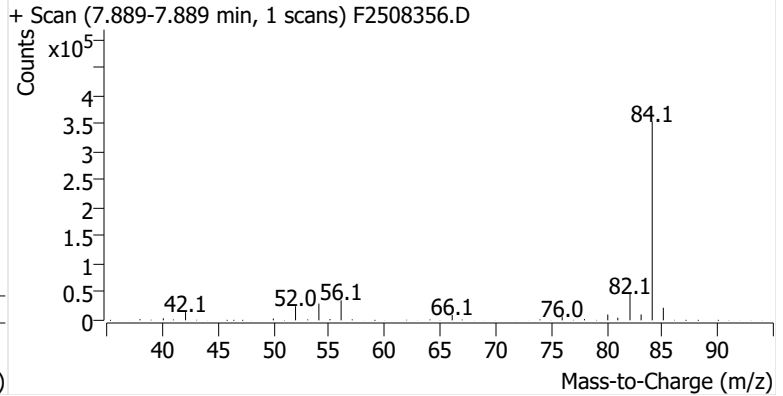
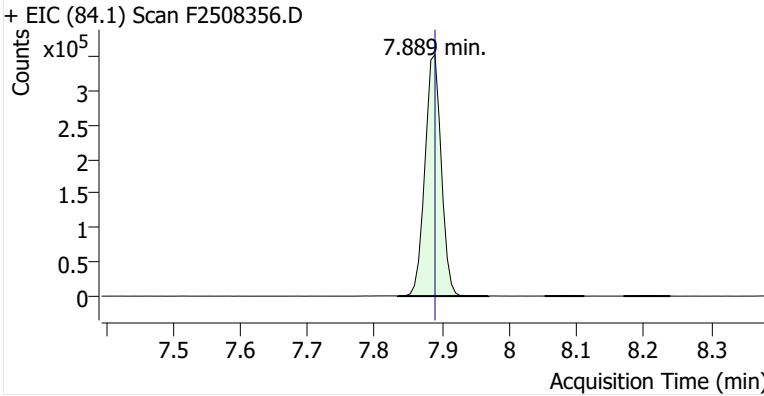
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Comment C57681
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Acq. Date-Time 12/25/2025 4:58:53 PM
Acq. Method File M325B-MTD
Tube Sorbent Carbopack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

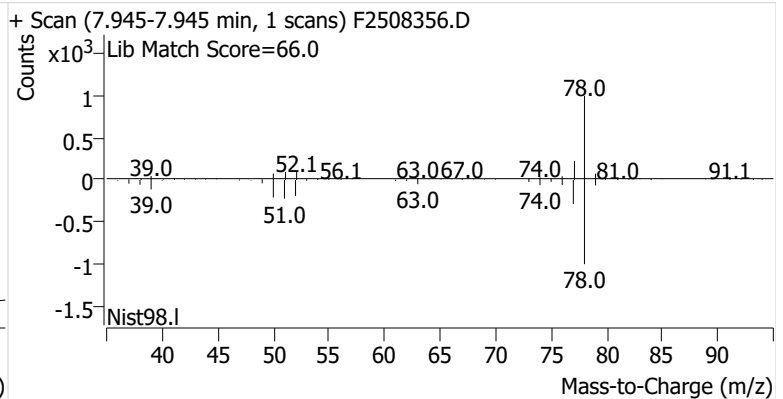
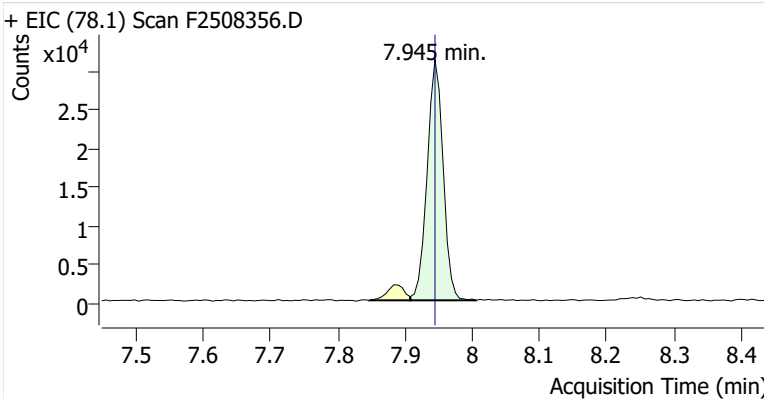


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		7.889	7.889	594,981	
Benzene	benzene-d6 (IS)	7.945	7.945	51,423	
Toluene-d8 (IS)		10.569	10.569	675,576	
Toluene	Toluene-d8 (IS)	10.667	10.667	47,681	
Ethylbenzene	Toluene-d8 (IS)	12.851	12.851	7,663	
m-/p-Xylenes	Toluene-d8 (IS)	13.028	13.028	13,135	
o-Xylene	Toluene-d8 (IS)	13.536	13.530	5,916	

benzene-d6 (IS)

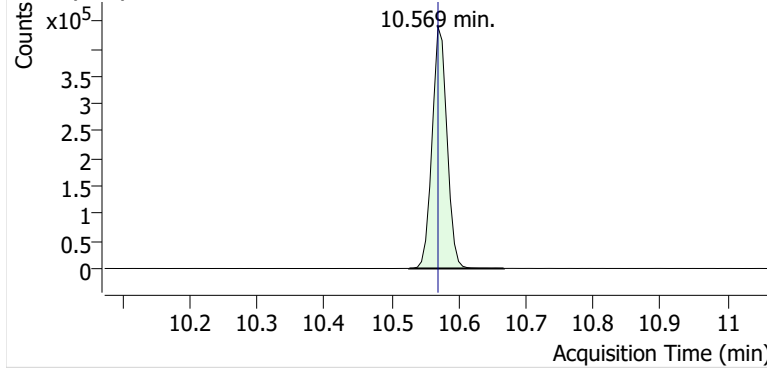


Benzene

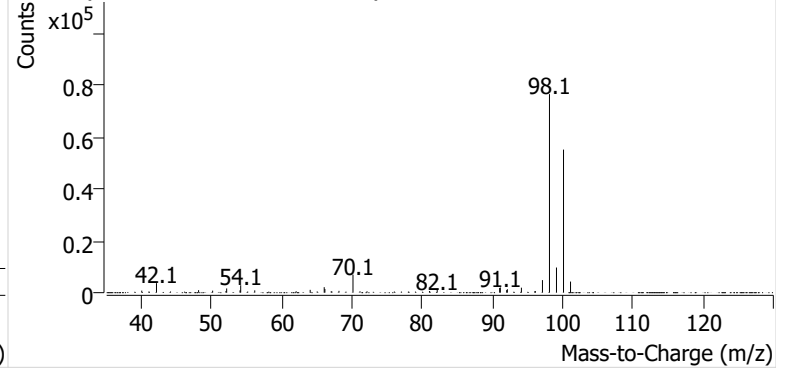


Toluene-d8 (IS)

+ EIC (98.1) Scan F2508356.D

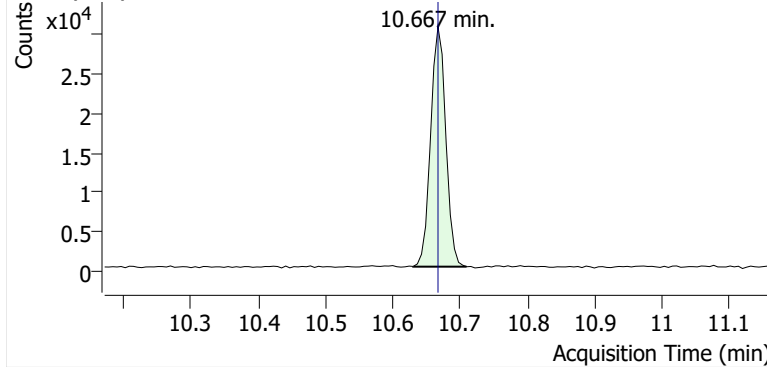


+ Scan (10.526-10.667 min, 24 scans) F2508356.D

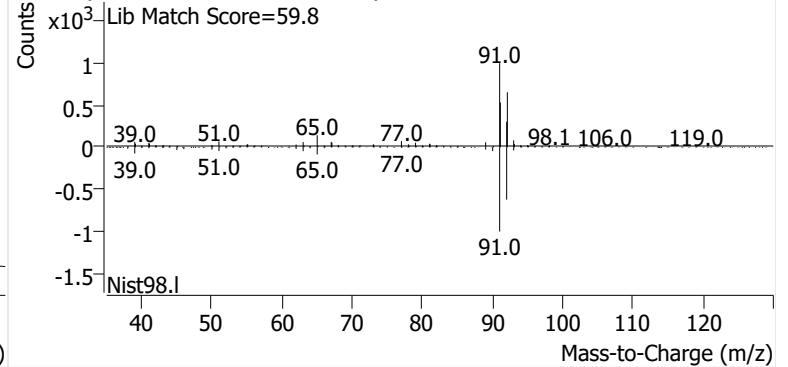


Toluene

+ EIC (91.1) Scan F2508356.D

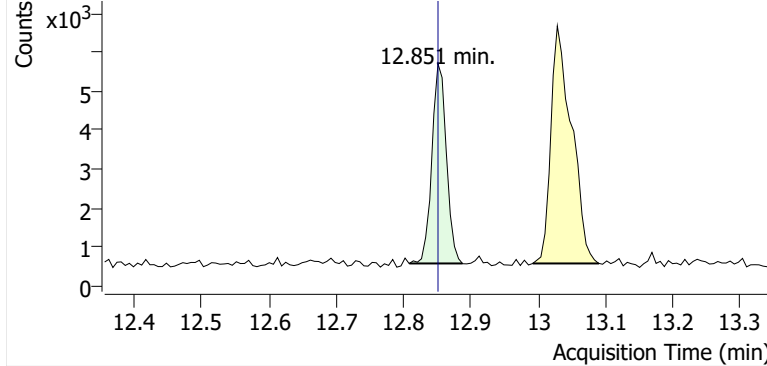


+ Scan (10.630-10.709 min, 13 scans) F2508356.D

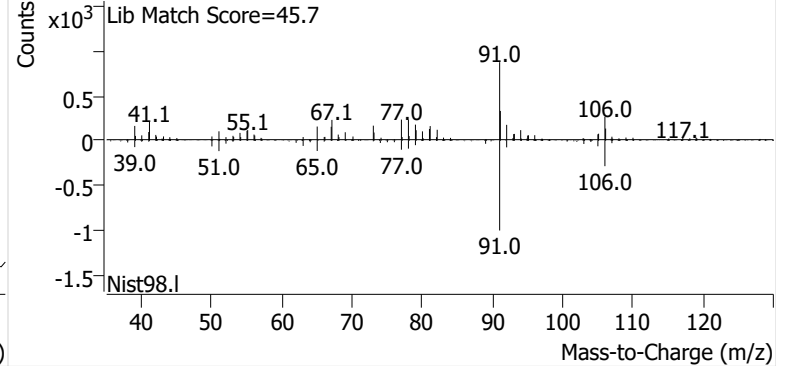


Ethylbenzene

+ EIC (91.1) Scan F2508356.D

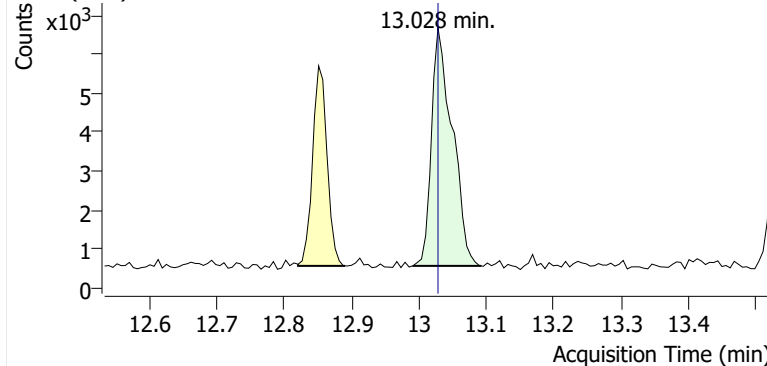


+ Scan (12.808-12.887 min, 12 scans) F2508356.D

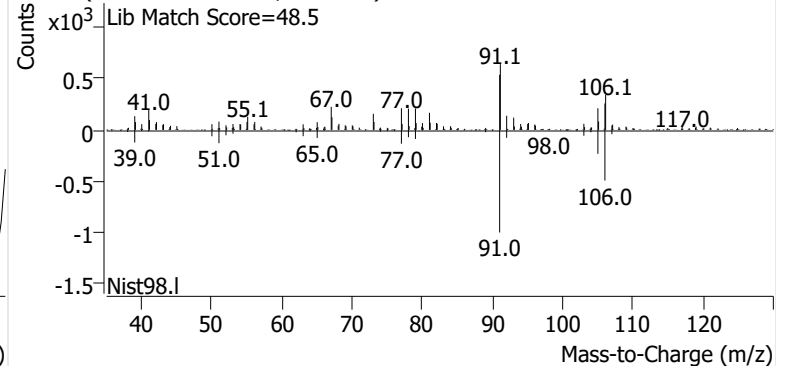


m-/p-Xylenes

+ EIC (91.1) Scan F2508356.D

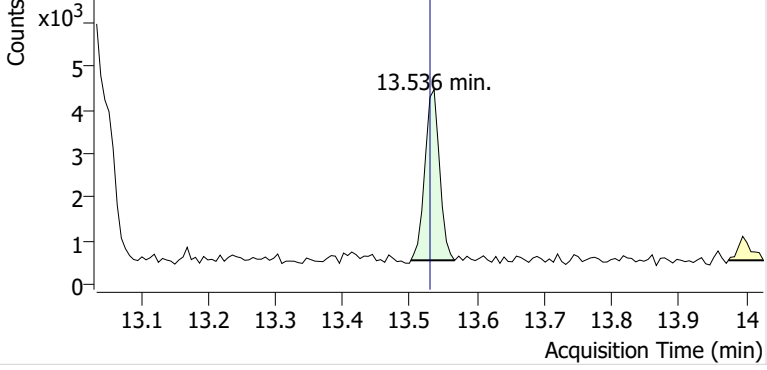


+ Scan (12.992-13.093 min, 17 scans) F2508356.D

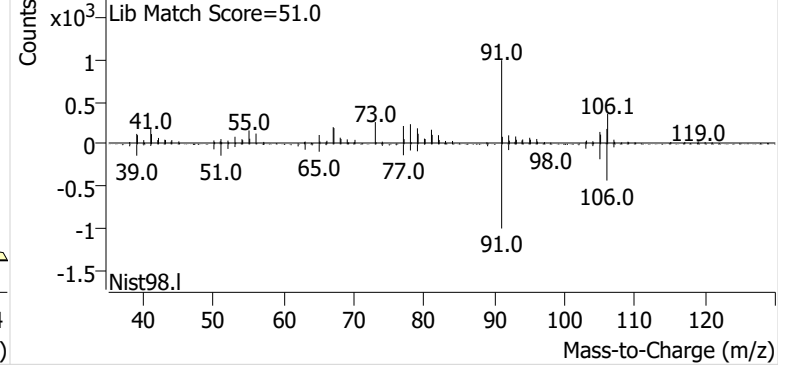


o-Xylene

+ EIC (91.1) Scan F2508356.D



+ Scan (13.502-13.567 min, 10 scans) F2508356.D



Initial Calibration



Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
 Job No.: 2025GG406-1 EPA Method 325B Analysis
 Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
F121725A_CC185154	Benzene	1	F2508171.D	5.96	52606	56.3	529201	0.939	0.039
F121725A_CC185154	Benzene	2	F2508172.D	11.93	90306	56.3	525740	0.811	-0.1
F121725A_CC185154	Benzene	3	F2508173.D	23.85	205594	56.3	535697	0.906	0.0032
F121725A_CC185154	Benzene	4	F2508174.D	47.70	403557	56.3	539152	0.884	-0.022
F121725A_CC185154	Benzene	5	F2508175.D	119.26	1061108	56.3	547207	0.916	0.014
F121725A_CC185154	Benzene	6	F2508176.D	238.51	2220768	56.3	544872	0.963	0.065
F121725A_CC185154	Benzene	7	F2508177.D	715.53	6456657	56.3	561348	0.906	0.0022
						Avg:	540460	0.904	
						%RSD:	2.2%	5.3%	
F121725A_CC185154	Toluene	1	F2508171.D	5.24	53241	66.1	606147	1.108	0.016
F121725A_CC185154	Toluene	2	F2508172.D	10.47	110436	66.1	616680	1.130	0.035
F121725A_CC185154	Toluene	3	F2508173.D	20.95	215705	66.1	622459	1.093	0.0017
F121725A_CC185154	Toluene	4	F2508174.D	41.90	427518	66.1	627442	1.074	-0.015
F121725A_CC185154	Toluene	5	F2508175.D	104.74	1078346	66.1	633720	1.073	-0.016
F121725A_CC185154	Toluene	6	F2508176.D	209.48	2208644	66.1	634907	1.097	0.0055
F121725A_CC185154	Toluene	7	F2508177.D	628.45	6371104	66.1	630656	1.062	-0.027
						Avg:	624573	1.091	
						%RSD:	1.7%	2.1%	
F121725A_CC185154	Ethylbenzene	1	F2508171.D	5.44	52701	66.1	606147	1.055	-0.083
F121725A_CC185154	Ethylbenzene	2	F2508172.D	10.89	103364	66.1	616680	1.017	-0.12
F121725A_CC185154	Ethylbenzene	3	F2508173.D	21.77	249010	66.1	622459	1.214	0.055
F121725A_CC185154	Ethylbenzene	4	F2508174.D	43.54	510214	66.1	627442	1.234	0.073
F121725A_CC185154	Ethylbenzene	5	F2508175.D	108.86	1213007	66.1	633720	1.162	0.0099
F121725A_CC185154	Ethylbenzene	6	F2508176.D	217.72	2518155	66.1	634907	1.204	0.046
F121725A_CC185154	Ethylbenzene	7	F2508177.D	653.16	7272682	66.1	630656	1.166	0.014
						Avg:	624573	1.150	
						%RSD:	1.7%	7.2%	
F121725A_CC185154	m-/p-Xylenes	1	F2508171.D	6.10	45227	66.1	606147	0.808	-0.14
F121725A_CC185154	m-/p-Xylenes	2	F2508172.D	12.20	93766	66.1	616680	0.823	-0.12
F121725A_CC185154	m-/p-Xylenes	3	F2508173.D	24.40	229774	66.1	622459	0.999	0.064
F121725A_CC185154	m-/p-Xylenes	4	F2508174.D	48.80	467094	66.1	627442	1.008	0.072
F121725A_CC185154	m-/p-Xylenes	5	F2508175.D	122.00	1082720	66.1	633720	0.925	-0.015
F121725A_CC185154	m-/p-Xylenes	6	F2508176.D	244.00	2328036	66.1	634907	0.993	0.056
F121725A_CC185154	m-/p-Xylenes	7	F2508177.D	732.01	7137741	66.1	630656	1.021	0.087
						Avg:	624573	0.940	
						%RSD:	1.7%	9.6%	
F121725A_CC185154	o-Xylene	1	F2508171.D	5.67	42268	66.1	606147	0.812	-0.14
F121725A_CC185154	o-Xylene	2	F2508172.D	11.35	85951	66.1	616680	0.812	-0.14
F121725A_CC185154	o-Xylene	3	F2508173.D	22.69	217910	66.1	622459	1.019	0.08

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG406-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
F121725A_CC185154	o-Xylene	4	F2508174.D	45.38	446025	66.1	627442	1.035	0.097
F121725A_CC185154	o-Xylene	5	F2508175.D	113.46	1032192	66.1	633720	0.948	0.0051
F121725A_CC185154	o-Xylene	6	F2508176.D	226.92	2179717	66.1	634907	1.000	0.059
F121725A_CC185154	o-Xylene	7	F2508177.D	680.75	6366952	66.1	630656	0.980	0.038
							Avg:	624573	0.944
							%RSD:	1.7%	10.0%

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
F121725A_CC185154	Benzene	ICV	F2508178.D	443.46	3919944	56.3	563465	0.884	-2.2%
F121725A_CC185154	Toluene	ICV	F2508178.D	454.10	4554523	66.1	629158	1.053	-3.5%
F121725A_CC185154	Ethylbenzene	ICV	F2508178.D	448.99	4890504	66.1	629158	1.144	-0.6%
F121725A_CC185154	m-/p-Xylenes	ICV	F2508178.D	455.97	3870637	66.1	629158	0.891	-5.1%
F121725A_CC185154	o-Xylene	ICV	F2508178.D	456.85	3921714	66.1	629158	0.901	-4.5%

M325B PDF Report ver.20250917

Sample Custody





2025GG406

2025GG407

EPA Method 325 A/B Field Test Data Sheet and Chain of Custody Record

- Standard Turn Around Time (10 business days)
- Rush Turn Around Time
- All TATs Subject to Approval by Enthalpy Analytical, Inc.
- Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Page # 1 of # 1

Site Name: Irving Searsport Terminal	Client Name: Montrose Air Quality Services, LLC	PO#:
Site Address: 52 Station Ave.	Project Number: PROJ-050105	Sample Event #
City: Searsport	Project Manager: Sabarish Selvarajan	Sorbent: Carboapak-X
State: Maine	Email Address: sabarishselvarajan@montrose-env.com	
Zip: 04401	Telephone #: 973-722-7895	

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
1	C69559	S	12/10/25	9:50 AM	12/23/25	10:27 AM	SS/SS		
2	C70079	S	12/10/25	9:53 AM	12/23/25	10:29 AM	SS/SS		
2	B52927	D	12/10/25	9:53 AM	12/23/25	10:29 AM	SS/SS		
2	C36934	B	12/10/25	9:53 AM	12/23/25	10:29 AM	SS/SS		
3	C39201	S	12/10/25	9:55 AM	12/23/25	10:34 AM	SS/SS		
4	B43043	S	12/10/25	9:56 AM	12/23/25	10:35 AM	SS/SS		
5	C60250	S	12/10/25	10:01 AM	12/23/25	10:37 AM	SS/SS		
6	B40160	S	12/10/25	10:08 AM	12/23/25	10:40 AM	SS/SS		
7	B47063	S	12/10/25	10:13 AM	12/23/25	10:42 AM	SS/SS		
8	C55362	S	12/10/25	10:15 AM	12/23/25	10:45 AM	SS/SS		
8	C34288	D	12/10/25	10:15 AM	12/23/25	10:45 AM	SS/SS		
8	C24252	B	12/10/25	10:15 AM	12/23/25	10:45 AM	SS/SS		
9	B52713	S	12/10/25	10:21 AM	12/23/25	10:51 AM	SS/SS		
10	C20399	S	12/10/25	10:28 AM	12/23/25	10:05 AM	SS/SS		
11	C24237	S	12/10/25	10:31 AM	12/23/25	10:55 AM	SS/SS		
12	B42369	S	12/10/25	10:38 AM	12/23/25	11:02 AM	SS/SS		
13	C37473	S	12/10/25	10:40 AM	12/23/25	11:04 AM	SS/SS		
14	B15717	S	12/10/25	10:44 AM	12/23/25	11:07 AM	SS/SS		
15	B17545	S	12/10/25	11:15 AM	12/23/25	11:18 AM	SS/SS		
16	C57648	S	12/10/25	11:22 AM	12/23/25	11:20 AM	SS/SS		
17	C57681	S	12/10/25	11:26 AM	12/23/25	11:23 AM	SS/SS		

Relinquished By (printed): Sabarish Selvarajan	Relinquished By (signature): SS	Relinquished Date: 12/23/2025	Relinquished Time: 17:00
Received By (printed): David Taylor	Received By (signature): <i>[Signature]</i>	Receipt Date: 12/24/25	Receipt Time: 11:55 AM
Sample Condition upon Receipt: Good	Compound List:	Custody Seal intact? Y/N: Y	Delivery tracking #
Temp: 19.9	Blank Temp: Fluke 4	Add Custody Seal # below: 25006471	

Comments: For Sample Location 4: diffusion cap filter missing, replaced diffusion cap. For Sample Location 15: spider found inside sample shelter. Webs were cleared.

**This Is The Last Page
Of This Report.**



Appendix B

A series of field errors attributed to the Montrose field technician were identified during Quarter 4 2025 at the Irving Oil FLM sites. These errors resulted in missing samples and extended sample collection periods. In response to these field errors, Montrose developed the Corrective Action Plan included in Appendix C.

There were samples that ran for 21 days instead of 14 days that were received at the lab in good condition and analyzed. These results are reported below with a flag noting the field error(s). Section 6, paragraph B(3) of our Chapter 171 states: "A maximum 14-day sampling period shall be used except under extenuating circumstances as described below. Upon approval by the Department, the owner or operator may use a shorter sampling period. When extenuating circumstances do not permit safe deployment or retrieval of passive samplers (e.g., extreme weather, power failure), sampler placement or retrieval earlier or later than the prescribed schedule is allowed but must occur as soon as safe access to sampling sites is possible."

Project **Discrepancy**
 IRVING OIL The samples below were sampled outside the method-specified window of 14±1 Days. Sample start date 11/05/2025, sample stop date 11/26/2025, 21 days. Samples collected between October 16, 2025 and November 5, 2025 were not received by the analytical laboratory. These samples are considered missing and have not been recovered.

LAB NAME	SAMPLE ID	SAMPLE LOC.	BATCH ID	SAMPLE DATE	SAMPLE TIME	LAB ID	ACQ DATE	ACQ TIME	TEST METHOD	SAMPLE TYPE	COMPOUND TYPE	CAS NUMBER	COMPOUND NAME	DILUTION FACTOR	RESULT	RESULT UNITS	RESULT2	RESULT UNITS2	RESULT3	RESULT UNITS3	LAB FLAGS
ENT	IRVSEA-1-S-20251105	1	P120825A	11/26/2025	09:15	P2507493.D	12/8/2025	14:16	EPA M325B	Sample	Target	71-43-2	Benzene	1	0.00894	ug	0.144	ppbv	0.459	ug/m3	P,D
ENT	IRVSEA-1-S-20251105	1	P120825A	11/26/2025	09:15	P2507493.D	12/8/2025	14:16	EPA M325B	Sample	Target	100-41-4	Ethylbenzene	1	ND	ug	ND	ppbv	ND	ug/m3	ND,D
ENT	IRVSEA-1-S-20251105	1	P120825A	11/26/2025	09:15	P2507493.D	12/8/2025	14:16	EPA M325B	Sample	Target	8-38-3/106-42	m-/p-Xylenes	1	0.0028	ug	0.0482	ppbv	0.209	ug/m3	J,D
ENT	IRVSEA-1-S-20251105	1	P120825A	11/26/2025	09:15	P2507493.D	12/8/2025	14:16	EPA M325B	Sample	Target	95-47-6	o-Xylene	1	ND	ug	ND	ppbv	ND	ug/m3	ND,D
ENT	IRVSEA-1-S-20251105	1	P120825A	11/26/2025	09:15	P2507493.D	12/8/2025	14:16	EPA M325B	Sample	Target	108-88-3	Toluene	1	0.00791	ug	0.139	ppbv	0.522	ug/m3	D
ENT	IRVSEA-2-S-20251105	2	P120825A	11/26/2025	09:28	P2507494.D	12/8/2025	14:54	EPA M325B	Sample	Target	71-43-2	Benzene	1	0.0115	ug	0.185	ppbv	0.59	ug/m3	P,D
ENT	IRVSEA-2-S-20251105	2	P120825A	11/26/2025	09:28	P2507494.D	12/8/2025	14:54	EPA M325B	Sample	Target	100-41-4	Ethylbenzene	1	ND	ug	ND	ppbv	ND	ug/m3	ND,D
ENT	IRVSEA-2-S-20251105	2	P120825A	11/26/2025	09:28	P2507494.D	12/8/2025	14:54	EPA M325B	Sample	Target	8-38-3/106-42	m-/p-Xylenes	1	0.00677	ug	0.116	ppbv	0.505	ug/m3	D
ENT	IRVSEA-2-S-20251105	2	P120825A	11/26/2025	09:28	P2507494.D	12/8/2025	14:54	EPA M325B	Sample	Target	95-47-6	o-Xylene	1	ND	ug	ND	ppbv	ND	ug/m3	ND,D
ENT	IRVSEA-2-S-20251105	2	P120825A	11/26/2025	09:28	P2507494.D	12/8/2025	14:54	EPA M325B	Sample	Target	108-88-3	Toluene	1	0.016	ug	0.281	ppbv	1.06	ug/m3	D
ENT	IRVSEA-2-D-20251105	2	P120825A	11/26/2025	09:28	P2507495.D	12/8/2025	15:31	EPA M325B	Duplicate	Target	71-43-2	Benzene	1	0.0165	ug	0.265	ppbv	0.847	ug/m3	P,D
ENT	IRVSEA-2-D-20251105	2	P120825A	11/26/2025	09:28	P2507495.D	12/8/2025	15:31	EPA M325B	Duplicate	Target	100-41-4	Ethylbenzene	1	0.00256	ug	0.044	ppbv	0.191	ug/m3	J,D
ENT	IRVSEA-2-D-20251105	2	P120825A	11/26/2025	09:28	P2507495.D	12/8/2025	15:31	EPA M325B	Duplicate	Target	8-38-3/106-42	m-/p-Xylenes	1	0.00851	ug	0.146	ppbv	0.636	ug/m3	D
ENT	IRVSEA-2-D-20251105	2	P120825A	11/26/2025	09:28	P2507495.D	12/8/2025	15:31	EPA M325B	Duplicate	Target	95-47-6	o-Xylene	1	0.0032	ug	0.0551	ppbv	0.239	ug/m3	J,D
ENT	IRVSEA-2-D-20251105	2	P120825A	11/26/2025	09:28	P2507495.D	12/8/2025	15:31	EPA M325B	Duplicate	Target	108-88-3	Toluene	1	0.0208	ug	0.365	ppbv	1.37	ug/m3	D
ENT	IRVSEA-2-B-20251105	2	P120825A	11/26/2025	09:28	P2507491.D	12/8/2025	13:02	EPA M325B	Blank	Target	71-43-2	Benzene	1	ND	ug	ND	ppbv	ND	ug/m3	ND,P,D
ENT	IRVSEA-2-B-20251105	2	P120825A	11/26/2025	09:28	P2507491.D	12/8/2025	13:02	EPA M325B	Blank	Target	100-41-4	Ethylbenzene	1	ND	ug	ND	ppbv	ND	ug/m3	ND,D
ENT	IRVSEA-2-B-20251105	2	P120825A	11/26/2025	09:28	P2507491.D	12/8/2025	13:02	EPA M325B	Blank	Target	8-38-3/106-42	m-/p-Xylenes	1	ND	ug	ND	ppbv	ND	ug/m3	ND,D
ENT	IRVSEA-2-B-20251105	2	P120825A	11/26/2025	09:28	P2507491.D	12/8/2025	13:02	EPA M325B	Blank	Target	95-47-6	o-Xylene	1	ND	ug	ND	ppbv	ND	ug/m3	ND,D
ENT	IRVSEA-2-B-20251105	2	P120825A	11/26/2025	09:28	P2507491.D	12/8/2025	13:02	EPA M325B	Blank	Target	108-88-3	Toluene	1	ND	ug	ND	ppbv	ND	ug/m3	ND,D
ENT	IRVSEA-3-S-20251105	3	P120825A	11/26/2025	09:31	P2507496.D	12/8/2025	16:09	EPA M325B	Sample	Target	71-43-2	Benzene	1	0.0117	ug	0.189	ppbv	0.602	ug/m3	P,D
ENT	IRVSEA-3-S-20251105	3	P120825A	11/26/2025	09:31	P2507496.D	12/8/2025	16:09	EPA M325B	Sample	Target	100-41-4	Ethylbenzene	1	0.00466	ug	0.0802	ppbv	0.348	ug/m3	J,D
ENT	IRVSEA-3-S-20251105	3	P120825A	11/26/2025	09:31	P2507496.D	12/8/2025	16:09	EPA M325B	Sample	Target	8-38-3/106-42	m-/p-Xylenes	1	0.0146	ug	0.251	ppbv	1.09	ug/m3	D
ENT	IRVSEA-3-S-20251105	3	P120825A	11/26/2025	09:31	P2507496.D	12/8/2025	16:09	EPA M325B	Sample	Target	95-47-6	o-Xylene	1	0.00502	ug	0.0863	ppbv	0.375	ug/m3	J,D
ENT	IRVSEA-3-S-20251105	3	P120825A	11/26/2025	09:31	P2507496.D	12/8/2025	16:09	EPA M325B	Sample	Target	108-88-3	Toluene	1	0.024	ug	0.421	ppbv	1.59	ug/m3	D
ENT	IRVSEA-4-S-20251105	4	P120825A	11/26/2025	09:35	P2507497.D	12/8/2025	16:46	EPA M325B	Sample	Target	71-43-2	Benzene	1	0.0212	ug	0.34	ppbv	1.08	ug/m3	P,D
ENT	IRVSEA-4-S-20251105	4	P120825A	11/26/2025	09:35	P2507497.D	12/8/2025	16:46	EPA M325B	Sample	Target	100-41-4	Ethylbenzene	1	0.0116	ug	0.2	ppbv	0.866	ug/m3	D
ENT	IRVSEA-4-S-20251105	4	P120825A	11/26/2025	09:35	P2507497.D	12/8/2025	16:46	EPA M325B	Sample	Target	8-38-3/106-42	m-/p-Xylenes	1	0.0384	ug	0.661	ppbv	2.87	ug/m3	D
ENT	IRVSEA-4-S-20251105	4	P120825A	11/26/2025	09:35	P2507497.D	12/8/2025	16:46	EPA M325B	Sample	Target	95-47-6	o-Xylene	1	0.0118	ug	0.203	ppbv	0.883	ug/m3	D
ENT	IRVSEA-4-S-20251105	4	P120825A	11/26/2025	09:35	P2507497.D	12/8/2025	16:46	EPA M325B	Sample	Target	108-88-3	Toluene	1	0.0492	ug	0.864	ppbv	3.25	ug/m3	D
ENT	IRVSEA-5-S-20251105	5	P120825A	11/26/2025	09:46	P2507498.D	12/8/2025	17:23	EPA M325B	Sample	Target	71-43-2	Benzene	1	0.0186	ug	0.299	ppbv	0.954	ug/m3	P,D
ENT	IRVSEA-5-S-20251105	5	P120825A	11/26/2025	09:46	P2507498.D	12/8/2025	17:23	EPA M325B	Sample	Target	100-41-4	Ethylbenzene	1	0.00724	ug	0.125	ppbv	0.541	ug/m3	D
ENT	IRVSEA-5-S-20251105	5	P120825A	11/26/2025	09:46	P2507498.D	12/8/2025	17:23	EPA M325B	Sample	Target	8-38-3/106-42	m-/p-Xylenes	1	0.0222	ug	0.382	ppbv	1.66	ug/m3	D
ENT	IRVSEA-5-S-20251105	5	P120825A	11/26/2025	09:46	P2507498.D	12/8/2025	17:23	EPA M325B	Sample	Target	95-47-6	o-Xylene	1	0.00793	ug	0.136	ppbv	0.592	ug/m3	D
ENT	IRVSEA-5-S-20251105	5	P120825A	11/26/2025	09:46	P2507498.D	12/8/2025	17:23	EPA M325B	Sample	Target	108-88-3	Toluene	1	0.0414	ug	0.727	ppbv	2.74	ug/m3	D
ENT	IRVSEA-6-S-20251105	6	P120825A	11/26/2025	09:55	P2507499.D	12/8/2025	18:01	EPA M325B	Sample	Target	71-43-2	Benzene	1	0.0255	ug	0.41	ppbv	1.31	ug/m3	P,D
ENT	IRVSEA-6-S-20251105	6	P120825A	11/26/2025	09:55	P2507499.D	12/8/2025	18:01	EPA M325B	Sample	Target	100-41-4	Ethylbenzene	1	0.0124	ug	0.213	ppbv	0.925	ug/m3	D
ENT	IRVSEA-6-S-20251105	6	P120825A	11/26/2025	09:55	P2507499.D	12/8/2025	18:01	EPA M325B	Sample	Target	8-38-3/106-42	m-/p-Xylenes	1	0.0434	ug	0.747	ppbv	3.24	ug/m3	D
ENT	IRVSEA-6-S-20251105	6	P120825A	11/26/2025	09:55	P2507499.D	12/8/2025	18:01	EPA M325B	Sample	Target	95-47-6	o-Xylene	1	0.013	ug	0.224	ppbv	0.974	ug/m3	D
ENT	IRVSEA-6-S-20251105	6	P120825A	11/26/2025	09:55	P2507499.D	12/8/2025	18:01	EPA M325B	Sample	Target	108-88-3	Toluene	1	0.0648	ug	1.14	ppbv	4.28	ug/m3	D
ENT	IRVSEA-7-S-20251105	7	P120825A	11/26/2025	09:56	P2507500.D	12/8/2025	18:38	EPA M325B	Sample	Target	71-43-2	Benzene	1	0.0457	ug	0.734	ppbv	2.34	ug/m3	P,D
ENT	IRVSEA-7-S-20251105	7	P120825A	11/26/2025	09:56	P2507500.D	12/8/2025	18:38	EPA M325B	Sample	Target	100-41-4	Ethylbenzene	1	0.0393	ug	0.676	ppbv	2.94	ug/m3	D
ENT	IRVSEA-7-S-20251105	7	P120825A	11/26/2025	09:56	P2507500.D	12/8/2025	18:38	EPA M325B	Sample	Target	8-38-3/106-42	m-/p-Xylenes	1	0.15	ug	2.58	ppbv	11.2	ug/m3	D
ENT	IRVSEA-7-S-20251105	7	P120825A	11/26/2025	09:56	P2507500.D	12/8/2025	18:38	EPA M325B	Sample	Target	95-47-6	o-Xylene	1	0.0403	ug	0.694	ppbv	3.01	ug/m3	D

Appendix B

A series of field errors attributed to the Montrose field technician were identified during Quarter 4 2025 at the Irving Oil FLM sites. These errors resulted in missing samples and extended sample collection periods. In response to these field errors, Montrose developed the Corrective Action Plan included in Appendix C.

There were samples that ran for 21 days instead of 14 days that were received at the lab in good condition and analyzed. These results are reported below with a flag noting the field error(s). Section 6, paragraph B(3) of our Chapter 171 states: "A maximum 14-day sampling period shall be used except under extenuating circumstances as described below. Upon approval by the Department, the owner or operator may use a shorter sampling period. When extenuating circumstances do not permit safe deployment or retrieval of passive samplers (e.g., extreme weather, power failure), sampler placement or retrieval earlier or later than the prescribed schedule is allowed but must occur as soon as safe access to sampling sites is possible."

Project **Discrepancy**
 IRVING OIL The samples below were sampled outside the method-specified window of 14±1 Days. Sample start date 11/05/2025, sample stop date 11/26/2025, 21 days. Samples collected between October 16, 2025 and November 5, 2025 were not received by the analytical laboratory. These samples are considered missing and have not been recovered.

LAB NAME	SAMPLE ID	SAMPLE LOC.	BATCH ID	SAMPLE DATE	SAMPLE TIME	LAB ID	ACQ DATE	ACQ TIME	TEST METHOD	SAMPLE TYPE	COMPOUND TYPE	CAS NUMBER	COMPOUND NAME	DILUTION FACTOR	RESULT	RESULT UNITS	RESULT2	RESULT UNITS2	RESULT3	RESULT UNITS3	LAB FLAGS
ENT	IRVSEA-7-S-20251105	7	P120825A	11/26/2025	09:56	P2507500.D	12/8/2025	18:38	EPA M325B	Sample	Target	108-88-3	Toluene	1	0.127	ug	2.23	ppbv	8.4	ug/m3	D
ENT	IRVSEA-8-S-20251105	8	P120825A	11/26/2025	10:00	P2507501.D	12/8/2025	19:15	EPA M325B	Sample	Target	71-43-2	Benzene	1	0.055	ug	0.884	ppbv	2.82	ug/m3	P,D
ENT	IRVSEA-8-S-20251105	8	P120825A	11/26/2025	10:00	P2507501.D	12/8/2025	19:15	EPA M325B	Sample	Target	100-41-4	Ethylbenzene	1	0.0921	ug	1.59	ppbv	6.88	ug/m3	D
ENT	IRVSEA-8-S-20251105	8	P120825A	11/26/2025	10:00	P2507501.D	12/8/2025	19:15	EPA M325B	Sample	Target	8-38-3/106-42	m-/p-Xylenes	1	0.35	ug	6.02	ppbv	26.1	ug/m3	D
ENT	IRVSEA-8-S-20251105	8	P120825A	11/26/2025	10:00	P2507501.D	12/8/2025	19:15	EPA M325B	Sample	Target	95-47-6	o-Xylene	1	0.0841	ug	1.45	ppbv	6.28	ug/m3	D
ENT	IRVSEA-8-S-20251105	8	P120825A	11/26/2025	10:00	P2507501.D	12/8/2025	19:15	EPA M325B	Sample	Target	108-88-3	Toluene	1	0.167	ug	2.92	ppbv	11	ug/m3	D
ENT	IRVSEA-8-D-20251105	8	P120825A	11/26/2025	10:00	P2507503.D	12/8/2025	20:54	EPA M325B	Duplicate	Target	71-43-2	Benzene	1	0.0553	ug	0.888	ppbv	2.83	ug/m3	P,D
ENT	IRVSEA-8-D-20251105	8	P120825A	11/26/2025	10:00	P2507503.D	12/8/2025	20:54	EPA M325B	Duplicate	Target	100-41-4	Ethylbenzene	1	0.0902	ug	1.55	ppbv	6.73	ug/m3	D
ENT	IRVSEA-8-D-20251105	8	P120825A	11/26/2025	10:00	P2507503.D	12/8/2025	20:54	EPA M325B	Duplicate	Target	8-38-3/106-42	m-/p-Xylenes	1	0.355	ug	6.1	ppbv	26.5	ug/m3	D
ENT	IRVSEA-8-D-20251105	8	P120825A	11/26/2025	10:00	P2507503.D	12/8/2025	20:54	EPA M325B	Duplicate	Target	95-47-6	o-Xylene	1	0.0856	ug	1.47	ppbv	6.39	ug/m3	D
ENT	IRVSEA-8-D-20251105	8	P120825A	11/26/2025	10:00	P2507503.D	12/8/2025	20:54	EPA M325B	Duplicate	Target	108-88-3	Toluene	1	0.165	ug	2.89	ppbv	10.9	ug/m3	D
ENT	IRVSEA-8-B-20251105	8	P120825A	11/26/2025	10:00	P2507492.D	12/8/2025	13:39	EPA M325B	Blank	Target	71-43-2	Benzene	1	ND	ug	ND	ppbv	ND	ug/m3	ND,P,D
ENT	IRVSEA-8-B-20251105	8	P120825A	11/26/2025	10:00	P2507492.D	12/8/2025	13:39	EPA M325B	Blank	Target	100-41-4	Ethylbenzene	1	ND	ug	ND	ppbv	ND	ug/m3	ND,D
ENT	IRVSEA-8-B-20251105	8	P120825A	11/26/2025	10:00	P2507492.D	12/8/2025	13:39	EPA M325B	Blank	Target	8-38-3/106-42	m-/p-Xylenes	1	ND	ug	ND	ppbv	ND	ug/m3	ND,D
ENT	IRVSEA-8-B-20251105	8	P120825A	11/26/2025	10:00	P2507492.D	12/8/2025	13:39	EPA M325B	Blank	Target	95-47-6	o-Xylene	1	ND	ug	ND	ppbv	ND	ug/m3	ND,D
ENT	IRVSEA-8-B-20251105	8	P120825A	11/26/2025	10:00	P2507492.D	12/8/2025	13:39	EPA M325B	Blank	Target	108-88-3	Toluene	1	ND	ug	ND	ppbv	ND	ug/m3	ND,D
ENT	IRVSEA-9-S-20251105	9	P120825A	11/26/2025	10:02	P2507504.D	12/8/2025	21:31	EPA M325B	Sample	Target	71-43-2	Benzene	1	0.0209	ug	0.336	ppbv	1.07	ug/m3	P,D
ENT	IRVSEA-9-S-20251105	9	P120825A	11/26/2025	10:02	P2507504.D	12/8/2025	21:31	EPA M325B	Sample	Target	100-41-4	Ethylbenzene	1	0.0161	ug	0.277	ppbv	1.2	ug/m3	D
ENT	IRVSEA-9-S-20251105	9	P120825A	11/26/2025	10:02	P2507504.D	12/8/2025	21:31	EPA M325B	Sample	Target	8-38-3/106-42	m-/p-Xylenes	1	0.0621	ug	1.07	ppbv	4.63	ug/m3	D
ENT	IRVSEA-9-S-20251105	9	P120825A	11/26/2025	10:02	P2507504.D	12/8/2025	21:31	EPA M325B	Sample	Target	95-47-6	o-Xylene	1	0.0155	ug	0.267	ppbv	1.16	ug/m3	D
ENT	IRVSEA-9-S-20251105	9	P120825A	11/26/2025	10:02	P2507504.D	12/8/2025	21:31	EPA M325B	Sample	Target	108-88-3	Toluene	1	0.05	ug	0.876	ppbv	3.3	ug/m3	D
ENT	IRVSEA-10-S-20251105	10	P120825A	11/26/2025	10:04	P2507505.D	12/8/2025	22:09	EPA M325B	Sample	Target	71-43-2	Benzene	1	0.0275	ug	0.441	ppbv	1.41	ug/m3	P,D
ENT	IRVSEA-10-S-20251105	10	P120825A	11/26/2025	10:04	P2507505.D	12/8/2025	22:09	EPA M325B	Sample	Target	100-41-4	Ethylbenzene	1	0.00961	ug	0.165	ppbv	0.717	ug/m3	D
ENT	IRVSEA-10-S-20251105	10	P120825A	11/26/2025	10:04	P2507505.D	12/8/2025	22:09	EPA M325B	Sample	Target	8-38-3/106-42	m-/p-Xylenes	1	0.0334	ug	0.574	ppbv	2.49	ug/m3	D
ENT	IRVSEA-10-S-20251105	10	P120825A	11/26/2025	10:04	P2507505.D	12/8/2025	22:09	EPA M325B	Sample	Target	95-47-6	o-Xylene	1	0.012	ug	0.207	ppbv	0.897	ug/m3	D
ENT	IRVSEA-10-S-20251105	10	P120825A	11/26/2025	10:04	P2507505.D	12/8/2025	22:09	EPA M325B	Sample	Target	108-88-3	Toluene	1	0.0715	ug	1.25	ppbv	4.72	ug/m3	D
ENT	IRVSEA-11-S-20251105	11	P120825A	11/26/2025	10:09	P2507506.D	12/8/2025	22:46	EPA M325B	Sample	Target	71-43-2	Benzene	1	0.0188	ug	0.302	ppbv	0.966	ug/m3	P,D
ENT	IRVSEA-11-S-20251105	11	P120825A	11/26/2025	10:09	P2507506.D	12/8/2025	22:46	EPA M325B	Sample	Target	100-41-4	Ethylbenzene	1	0.00714	ug	0.123	ppbv	0.533	ug/m3	D
ENT	IRVSEA-11-S-20251105	11	P120825A	11/26/2025	10:09	P2507506.D	12/8/2025	22:46	EPA M325B	Sample	Target	8-38-3/106-42	m-/p-Xylenes	1	0.0266	ug	0.458	ppbv	1.99	ug/m3	D
ENT	IRVSEA-11-S-20251105	11	P120825A	11/26/2025	10:09	P2507506.D	12/8/2025	22:46	EPA M325B	Sample	Target	95-47-6	o-Xylene	1	0.00956	ug	0.164	ppbv	0.713	ug/m3	D
ENT	IRVSEA-11-S-20251105	11	P120825A	11/26/2025	10:09	P2507506.D	12/8/2025	22:46	EPA M325B	Sample	Target	108-88-3	Toluene	1	0.0478	ug	0.837	ppbv	3.15	ug/m3	D
ENT	IRVSEA-12-S-20251105	12	P120825A	11/26/2025	10:12	P2507507.D	12/8/2025	23:24	EPA M325B	Sample	Target	71-43-2	Benzene	1	0.0105	ug	0.169	ppbv	0.539	ug/m3	P,D
ENT	IRVSEA-12-S-20251105	12	P120825A	11/26/2025	10:12	P2507507.D	12/8/2025	23:24	EPA M325B	Sample	Target	100-41-4	Ethylbenzene	1	0.00251	ug	0.0432	ppbv	0.188	ug/m3	J,D
ENT	IRVSEA-12-S-20251105	12	P120825A	11/26/2025	10:12	P2507507.D	12/8/2025	23:24	EPA M325B	Sample	Target	8-38-3/106-42	m-/p-Xylenes	1	0.00733	ug	0.126	ppbv	0.547	ug/m3	D
ENT	IRVSEA-12-S-20251105	12	P120825A	11/26/2025	10:12	P2507507.D	12/8/2025	23:24	EPA M325B	Sample	Target	95-47-6	o-Xylene	1	0.00266	ug	0.0457	ppbv	0.199	ug/m3	J,D
ENT	IRVSEA-12-S-20251105	12	P120825A	11/26/2025	10:12	P2507507.D	12/8/2025	23:24	EPA M325B	Sample	Target	108-88-3	Toluene	1	0.0182	ug	0.319	ppbv	1.2	ug/m3	D
ENT	IRVSEA-13-S-20251105	13	P120825A	11/26/2025	10:15	P2507508.D	12/9/2025	00:01	EPA M325B	Sample	Target	71-43-2	Benzene	1	0.00733	ug	0.118	ppbv	0.376	ug/m3	P,D
ENT	IRVSEA-13-S-20251105	13	P120825A	11/26/2025	10:15	P2507508.D	12/9/2025	00:01	EPA M325B	Sample	Target	100-41-4	Ethylbenzene	1	ND	ug	ND	ppbv	ND	ug/m3	ND,D
ENT	IRVSEA-13-S-20251105	13	P120825A	11/26/2025	10:15	P2507508.D	12/9/2025	00:01	EPA M325B	Sample	Target	8-38-3/106-42	m-/p-Xylenes	1	0.00384	ug	0.0661	ppbv	0.287	ug/m3	J,D
ENT	IRVSEA-13-S-20251105	13	P120825A	11/26/2025	10:15	P2507508.D	12/9/2025	00:01	EPA M325B	Sample	Target	95-47-6	o-Xylene	1	ND	ug	ND	ppbv	ND	ug/m3	ND,D
ENT	IRVSEA-13-S-20251105	13	P120825A	11/26/2025	10:15	P2507508.D	12/9/2025	00:01	EPA M325B	Sample	Target	108-88-3	Toluene	1	0.00907	ug	0.159	ppbv	0.599	ug/m3	D
ENT	IRVSEA-14-S-20251105	14	P120825A	11/26/2025	10:17	P2507509.D	12/9/2025	00:38	EPA M325B	Sample	Target	71-43-2	Benzene	1	0.00843	ug	0.135	ppbv	0.432	ug/m3	P,D
ENT	IRVSEA-14-S-20251105	14	P120825A	11/26/2025	10:17	P2507509.D	12/9/2025	00:38	EPA M325B	Sample	Target	100-41-4	Ethylbenzene	1	ND	ug	ND	ppbv	ND	ug/m3	ND,D
ENT	IRVSEA-14-S-20251105	14	P120825A	11/26/2025	10:17	P2507509.D	12/9/2025	00:38	EPA M325B	Sample	Target	8-38-3/106-42	m-/p-Xylenes	1	0.00277	ug	0.0476	ppbv	0.207	ug/m3	J,D

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 IRVING OIL The samples below were sampled outside the method-specified window of 14±1 Days. Sample start date 11/05/2025, sample stop date 11/26/2025, 21 days. Samples collected between October 16, 2025 and November 5, 2025 were not received by the analytical laboratory. These samples are considered missing and have not been recovered.

LAB NAME	SAMPLE ID	SAMPLE LOC.	BATCH ID	SAMPLE DATE	SAMPLE TIME	LAB ID	ACQ DATE	ACQ TIME	TEST METHOD	SAMPLE TYPE	COMPOUND TYPE	CAS NUMBER	COMPOUND NAME	DILUTION FACTOR	RESULT	RESULT UNITS	RESULT2	RESULT UNITS2	RESULT3	RESULT UNITS3	LAB FLAGS
ENT	IRVSEA-14-S-20251105	14	P120825A	11/26/2025	10:17	P2507509.D	12/9/2025	00:38	EPA M325B	Sample	Target	95-47-6	o-Xylene	1	ND	ug	ND	ppbv	ND	ug/m3	ND,D
ENT	IRVSEA-14-S-20251105	14	P120825A	11/26/2025	10:17	P2507509.D	12/9/2025	00:38	EPA M325B	Sample	Target	108-88-3	Toluene	1	0.00816	ug	0.143	ppbv	0.539	ug/m3	D
ENT	IRVSEA-15-S-20251105	15	P120825A	11/26/2025	10:56	P2507510.D	12/9/2025	01:16	EPA M325B	Sample	Target	71-43-2	Benzene	1	0.0105	ug	0.169	ppbv	0.541	ug/m3	P,D
ENT	IRVSEA-15-S-20251105	15	P120825A	11/26/2025	10:56	P2507510.D	12/9/2025	01:16	EPA M325B	Sample	Target	100-41-4	Ethylbenzene	1	ND	ug	ND	ppbv	ND	ug/m3	ND,D
ENT	IRVSEA-15-S-20251105	15	P120825A	11/26/2025	10:56	P2507510.D	12/9/2025	01:16	EPA M325B	Sample	Target	8-38-3/106-42	m-/p-Xylenes	1	0.00508	ug	0.0875	ppbv	0.38	ug/m3	J,D
ENT	IRVSEA-15-S-20251105	15	P120825A	11/26/2025	10:56	P2507510.D	12/9/2025	01:16	EPA M325B	Sample	Target	95-47-6	o-Xylene	1	ND	ug	ND	ppbv	ND	ug/m3	ND,D
ENT	IRVSEA-15-S-20251105	15	P120825A	11/26/2025	10:56	P2507510.D	12/9/2025	01:16	EPA M325B	Sample	Target	108-88-3	Toluene	1	0.0101	ug	0.178	ppbv	0.67	ug/m3	D
ENT	IRVSEA-16-S-20251105	16	P120825A	11/26/2025	11:08	P2507511.D	12/9/2025	01:53	EPA M325B	Sample	Target	71-43-2	Benzene	1	0.00631	ug	0.101	ppbv	0.323	ug/m3	P,D
ENT	IRVSEA-16-S-20251105	16	P120825A	11/26/2025	11:08	P2507511.D	12/9/2025	01:53	EPA M325B	Sample	Target	100-41-4	Ethylbenzene	1	ND	ug	ND	ppbv	ND	ug/m3	ND,D
ENT	IRVSEA-16-S-20251105	16	P120825A	11/26/2025	11:08	P2507511.D	12/9/2025	01:53	EPA M325B	Sample	Target	8-38-3/106-42	m-/p-Xylenes	1	0.00267	ug	0.0459	ppbv	0.199	ug/m3	J,D
ENT	IRVSEA-16-S-20251105	16	P120825A	11/26/2025	11:08	P2507511.D	12/9/2025	01:53	EPA M325B	Sample	Target	95-47-6	o-Xylene	1	ND	ug	ND	ppbv	ND	ug/m3	ND,D
ENT	IRVSEA-16-S-20251105	16	P120825A	11/26/2025	11:08	P2507511.D	12/9/2025	01:53	EPA M325B	Sample	Target	108-88-3	Toluene	1	0.00614	ug	0.108	ppbv	0.405	ug/m3	D
ENT	IRVSEA-17-S-20251105	17	P120825A	11/26/2025	11:15	P2507512.D	12/9/2025	02:31	EPA M325B	Sample	Target	71-43-2	Benzene	1	0.00845	ug	0.136	ppbv	0.433	ug/m3	P,D
ENT	IRVSEA-17-S-20251105	17	P120825A	11/26/2025	11:15	P2507512.D	12/9/2025	02:31	EPA M325B	Sample	Target	100-41-4	Ethylbenzene	1	ND	ug	ND	ppbv	ND	ug/m3	ND,D
ENT	IRVSEA-17-S-20251105	17	P120825A	11/26/2025	11:15	P2507512.D	12/9/2025	02:31	EPA M325B	Sample	Target	8-38-3/106-42	m-/p-Xylenes	1	0.0045	ug	0.0775	ppbv	0.336	ug/m3	J,D
ENT	IRVSEA-17-S-20251105	17	P120825A	11/26/2025	11:15	P2507512.D	12/9/2025	02:31	EPA M325B	Sample	Target	95-47-6	o-Xylene	1	ND	ug	ND	ppbv	ND	ug/m3	ND,D
ENT	IRVSEA-17-S-20251105	17	P120825A	11/26/2025	11:15	P2507512.D	12/9/2025	02:31	EPA M325B	Sample	Target	108-88-3	Toluene	1	0.00862	ug	0.151	ppbv	0.569	ug/m3	D

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (11/5/25 9:00 to 11/26/25 11:00)**

Date & Time	Wind Speed	Wind Direction	Temperature	Barometric Pressure
	m/s	Deg.	°C	mb
11/5/25 9:00	3.7	223	7.4	1007
11/5/25 10:00	4.4	230	8.5	1007
11/5/25 11:00	4.8	242	8.9	1006
11/5/25 12:00	3.9	227	8.9	1004
11/5/25 13:00	3.8	246	8.3	1003
11/5/25 14:00	3.3	235	6.9	1002
11/5/25 15:00	2.8	196	6.7	1001
11/5/25 16:00	2.9	190	5.9	1000
11/5/25 17:00	2.6	180	5.2	999
11/5/25 18:00	3.3	173	5.2	998
11/5/25 19:00	1.8	143	4.4	996
11/5/25 20:00	2.3	117	5.0	994
11/5/25 21:00	3.2	75	5.0	992
11/5/25 22:00	2.8	32	5.0	990
11/5/25 23:00	4.3	7	4.6	989
11/6/25 0:00	4.4	15	4.4	988
11/6/25 1:00	5.2	357	4.0	988
11/6/25 2:00	6.5	347	4.0	988
11/6/25 3:00	7.9	333	3.5	989
11/6/25 4:00	5.7	328	3.0	990
11/6/25 5:00	5.0	310	3.0	991
11/6/25 6:00	4.8	308	3.0	992
11/6/25 7:00	6.1	308	3.7	994
11/6/25 8:00	6.7	306	5.2	995
11/6/25 9:00	7.3	310	6.1	996
11/6/25 10:00	6.6	307	6.3	997
11/6/25 11:00	6.6	302	6.5	998
11/6/25 12:00	6.4	300	6.4	998
11/6/25 13:00	8.5	307	6.4	999
11/6/25 14:00	8.1	308	6.0	1001
11/6/25 15:00	6.4	302	5.5	1002
11/6/25 16:00	5.0	301	4.7	1003
11/6/25 17:00	4.0	294	4.0	1004
11/6/25 18:00	2.4	291	3.0	1005
11/6/25 19:00	2.1	298	3.0	1006
11/6/25 20:00	1.7	253	2.3	1007
11/6/25 21:00	2.0	253	1.7	1007
11/6/25 22:00	2.7	254	2.0	1007
11/6/25 23:00	2.2	269	2.2	1007
11/7/25 0:00	2.5	281	2.6	1007
11/7/25 1:00	2.9	273	2.6	1008

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (11/5/25 9:00 to 11/26/25 11:00)**

11/7/25 2:00	3.5	276	1.5	1008
11/7/25 3:00	2.7	258	0.7	1008
11/7/25 4:00	3.0	288	-0.4	1008
11/7/25 5:00	2.4	280	-1.0	1008
11/7/25 6:00	2.3	280	-1.2	1009
11/7/25 7:00	2.0	271	0.1	1009
11/7/25 8:00	3.8	279	1.1	1009
11/7/25 9:00	3.6	275	1.8	1009
11/7/25 10:00	4.2	270	2.7	1008
11/7/25 11:00	3.7	250	3.2	1008
11/7/25 12:00	2.7	254	3.0	1007
11/7/25 13:00	3.0	269	3.9	1007
11/7/25 14:00	1.9	235	4.0	1006
11/7/25 15:00	2.3	198	4.0	1005
11/7/25 16:00	2.5	135	2.3	1004
11/7/25 17:00	3.0	161	2.8	1003
11/7/25 18:00	1.6	140	1.7	1002
11/7/25 19:00	2.2	135	3.0	1001
11/7/25 20:00	3.7	140	3.7	1000
11/7/25 21:00	3.8	148	4.1	999
11/7/25 22:00	4.3	154	6.1	997
11/7/25 23:00	6.3	180	8.4	997
11/8/25 0:00	5.7	184	8.9	996
11/8/25 1:00	4.6	184	9.0	995
11/8/25 2:00	3.5	190	9.0	994
11/8/25 3:00	4.1	189	9.5	994
11/8/25 4:00	4.0	191	10.0	994
11/8/25 5:00	3.1	191	10.0	994
11/8/25 6:00	3.3	197	9.9	994
11/8/25 7:00	3.4	202	9.9	994
11/8/25 8:00	1.9	207	10.5	995
11/8/25 9:00	2.5	216	11.3	995
11/8/25 10:00	2.9	242	12.1	995
11/8/25 11:00	3.6	267	12.5	995
11/8/25 12:00	4.6	297	12.0	996
11/8/25 13:00	5.0	299	12.2	996
11/8/25 14:00	6.4	315	11.5	997
11/8/25 15:00	5.2	313	10.4	998
11/8/25 16:00	4.2	314	8.3	1000
11/8/25 17:00	3.4	316	6.5	1001
11/8/25 18:00	3.8	322	5.4	1003
11/8/25 19:00	3.3	316	4.1	1004
11/8/25 20:00	3.3	316	3.3	1005
11/8/25 21:00	3.1	308	2.8	1005

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (11/5/25 9:00 to 11/26/25 11:00)**

11/8/25 22:00	2.4	297	2.4	1006
11/8/25 23:00	2.2	298	0.5	1007
11/9/25 0:00	ND	ND	-1.6	1007
11/9/25 1:00	ND	ND	-2.2	1008
11/9/25 2:00	0.0	ND	-2.0	1009
11/9/25 3:00	ND	ND	-1.7	1010
11/9/25 4:00	ND	ND	-1.3	1010
11/9/25 5:00	1.5	63	-0.3	1011
11/9/25 6:00	1.5	46	0.7	1012
11/9/25 7:00	1.5	30	1.0	1013
11/9/25 8:00	2.2	60	1.1	1013
11/9/25 9:00	2.5	64	2.0	1013
11/9/25 10:00	2.3	42	2.0	1013
11/9/25 11:00	2.6	55	2.4	1012
11/9/25 12:00	2.2	56	2.0	1013
11/9/25 13:00	2.7	41	2.0	1013
11/9/25 14:00	3.3	57	2.2	1013
11/9/25 15:00	3.2	58	2.0	1013
11/9/25 16:00	3.6	52	2.0	1012
11/9/25 17:00	3.0	41	2.3	1012
11/9/25 18:00	3.2	42	3.0	1012
11/9/25 19:00	3.2	70	3.3	1011
11/9/25 20:00	3.1	68	4.2	1011
11/9/25 21:00	3.5	80	4.0	1010
11/9/25 22:00	5.2	74	4.0	1009
11/9/25 23:00	4.9	80	4.9	1008
11/10/25 0:00	5.3	79	6.0	1006
11/10/25 1:00	5.5	90	6.9	1005
11/10/25 2:00	4.4	99	7.7	1004
11/10/25 3:00	5.2	109	8.0	1003
11/10/25 4:00	6.6	116	8.0	1003
11/10/25 5:00	5.6	116	8.1	1002
11/10/25 6:00	7.4	110	8.9	1001
11/10/25 7:00	4.3	115	9.0	1001
11/10/25 8:00	3.1	85	9.2	1001
11/10/25 9:00	2.1	38	9.7	1000
11/10/25 10:00	2.4	46	10.0	999
11/10/25 11:00	2.1	36	10.8	998
11/10/25 12:00	3.0	1	10.4	997
11/10/25 13:00	3.0	17	10.4	996
11/10/25 14:00	2.9	10	10.9	995
11/10/25 15:00	3.8	354	10.6	994
11/10/25 16:00	4.6	4	9.4	993
11/10/25 17:00	4.4	344	8.2	992

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (11/5/25 9:00 to 11/26/25 11:00)**

11/10/25 18:00	3.8	4	8.0	991
11/10/25 19:00	3.4	47	7.2	989
11/10/25 20:00	2.1	43	7.3	988
11/10/25 21:00	1.8	61	7.7	986
11/10/25 22:00	4.7	183	8.4	985
11/10/25 23:00	4.8	211	11.2	985
11/11/25 0:00	1.6	240	8.2	985
11/11/25 1:00	1.9	230	7.1	986
11/11/25 2:00	2.4	227	7.1	986
11/11/25 3:00	3.2	257	6.4	987
11/11/25 4:00	3.1	293	5.4	987
11/11/25 5:00	2.5	289	3.6	988
11/11/25 6:00	2.0	301	3.0	988
11/11/25 7:00	2.8	249	2.7	989
11/11/25 8:00	2.8	239	2.4	989
11/11/25 9:00	2.4	245	3.1	988
11/11/25 10:00	2.8	243	4.2	988
11/11/25 11:00	2.4	246	3.9	987
11/11/25 12:00	2.4	215	4.0	986
11/11/25 13:00	3.3	258	3.9	986
11/11/25 14:00	3.7	277	3.0	985
11/11/25 15:00	3.9	290	1.7	985
11/11/25 16:00	3.2	285	0.9	986
11/11/25 17:00	4.3	279	0.6	986
11/11/25 18:00	3.0	277	-0.8	987
11/11/25 19:00	4.0	255	-1.1	988
11/11/25 20:00	4.2	245	-1.9	988
11/11/25 21:00	4.6	254	-1.9	988
11/11/25 22:00	5.2	266	-1.9	989
11/11/25 23:00	5.6	283	-1.3	989
11/12/25 0:00	5.5	288	-1.6	990
11/12/25 1:00	4.8	279	-1.1	992
11/12/25 2:00	3.5	257	-1.0	993
11/12/25 3:00	2.9	240	-1.0	994
11/12/25 4:00	4.2	242	-0.8	995
11/12/25 5:00	4.4	245	-0.3	996
11/12/25 6:00	4.9	250	0.2	996
11/12/25 7:00	4.9	251	1.0	996
11/12/25 8:00	4.9	251	1.4	997
11/12/25 9:00	4.6	245	2.3	997
11/12/25 10:00	4.9	240	3.1	997
11/12/25 11:00	4.3	240	4.0	997
11/12/25 12:00	5.0	242	4.8	996
11/12/25 13:00	3.7	222	5.1	996

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (11/5/25 9:00 to 11/26/25 11:00)**

11/12/25 14:00	3.2	217	5.1	996
11/12/25 15:00	2.5	222	4.6	996
11/12/25 16:00	1.6	211	3.0	996
11/12/25 17:00	0.8	225	0.8	996
11/12/25 18:00	1.5	197	0.8	996
11/12/25 19:00	1.5	150	-1.3	996
11/12/25 20:00	1.5	190	-1.2	996
11/12/25 21:00	1.5	140	-1.5	996
11/12/25 22:00	ND	ND	-1.6	996
11/12/25 23:00	1.5	190	-1.5	996
11/13/25 0:00	0.0	ND	-1.4	996
11/13/25 1:00	ND	ND	-1.9	997
11/13/25 2:00	ND	ND	-1.8	997
11/13/25 3:00	ND	ND	-2.0	997
11/13/25 4:00	1.5	230	-2.0	998
11/13/25 5:00	ND	ND	-1.9	998
11/13/25 6:00	ND	ND	-2.2	998
11/13/25 7:00	ND	ND	-1.8	999
11/13/25 8:00	1.5	340	0.2	999
11/13/25 9:00	1.5	14	1.9	999
11/13/25 10:00	1.7	358	3.0	999
11/13/25 11:00	2.1	345	3.2	999
11/13/25 12:00	1.7	344	4.0	999
11/13/25 13:00	2.1	331	4.0	999
11/13/25 14:00	2.5	358	4.1	1000
11/13/25 15:00	1.4	331	3.2	1000
11/13/25 16:00	1.5	299	2.8	1001
11/13/25 17:00	1.8	310	2.5	1001
11/13/25 18:00	2.1	315	2.9	1002
11/13/25 19:00	3.1	354	2.8	1002
11/13/25 20:00	3.3	14	2.0	1002
11/13/25 21:00	2.9	4	2.0	1003
11/13/25 22:00	3.3	357	1.9	1003
11/13/25 23:00	3.3	347	1.0	1003
11/14/25 0:00	2.6	328	0.3	1003
11/14/25 1:00	2.6	329	-0.1	1003
11/14/25 2:00	2.3	314	-1.0	1003
11/14/25 3:00	2.5	352	-2.0	1004
11/14/25 4:00	3.1	334	-2.3	1004
11/14/25 5:00	3.0	322	-1.8	1005
11/14/25 6:00	3.1	337	-2.7	1005
11/14/25 7:00	2.5	313	-2.2	1006
11/14/25 8:00	4.4	344	-0.3	1006
11/14/25 9:00	5.1	356	1.4	1005

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (11/5/25 9:00 to 11/26/25 11:00)**

11/14/25 10:00	5.1	336	2.6	1005
11/14/25 11:00	5.6	333	3.6	1004
11/14/25 12:00	5.3	320	3.9	1003
11/14/25 13:00	6.2	333	4.6	1003
11/14/25 14:00	6.5	329	4.3	1003
11/14/25 15:00	4.5	308	2.9	1003
11/14/25 16:00	3.2	310	1.7	1003
11/14/25 17:00	2.7	297	1.0	1003
11/14/25 18:00	2.7	311	0.0	1003
11/14/25 19:00	2.7	283	0.8	1003
11/14/25 20:00	2.7	296	1.0	1002
11/14/25 21:00	3.0	300	0.9	1002
11/14/25 22:00	1.8	301	0.9	1001
11/14/25 23:00	2.7	296	0.9	1001
11/15/25 0:00	2.0	302	0.9	1001
11/15/25 1:00	3.5	329	1.0	1001
11/15/25 2:00	3.7	339	1.0	1001
11/15/25 3:00	4.9	340	0.1	1001
11/15/25 4:00	4.6	345	-0.8	1001
11/15/25 5:00	3.4	340	-1.0	1000
11/15/25 6:00	3.9	309	-1.1	1000
11/15/25 7:00	5.2	312	-0.9	1000
11/15/25 8:00	5.8	316	0.6	999
11/15/25 9:00	4.8	301	1.4	999
11/15/25 10:00	4.8	298	2.0	998
11/15/25 11:00	5.0	310	3.0	997
11/15/25 12:00	4.7	304	3.3	995
11/15/25 13:00	4.8	301	4.0	995
11/15/25 14:00	3.2	297	4.0	994
11/15/25 15:00	2.6	278	3.7	993
11/15/25 16:00	2.6	289	2.4	993
11/15/25 17:00	1.5	251	0.7	992
11/15/25 18:00	2.3	262	0.0	992
11/15/25 19:00	1.5	257	-1.7	991
11/15/25 20:00	1.7	168	-3.4	990
11/15/25 21:00	ND	ND	-3.7	990
11/15/25 22:00	ND	ND	-3.9	989
11/15/25 23:00	1.5	200	-3.5	987
11/16/25 0:00	ND	ND	-3.5	986
11/16/25 1:00	ND	ND	-2.5	984
11/16/25 2:00	1.5	220	-2.0	983
11/16/25 3:00	1.6	48	-2.0	982
11/16/25 4:00	1.5	40	-1.1	980
11/16/25 5:00	1.8	89	0.3	979

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (11/5/25 9:00 to 11/26/25 11:00)**

11/16/25 6:00	1.9	30	1.0	978
11/16/25 7:00	3.0	41	1.0	977
11/16/25 8:00	2.6	27	1.1	976
11/16/25 9:00	2.5	9	1.8	976
11/16/25 10:00	3.2	352	2.1	975
11/16/25 11:00	3.5	303	1.5	974
11/16/25 12:00	4.0	309	1.5	975
11/16/25 13:00	3.4	313	1.7	975
11/16/25 14:00	3.0	295	2.0	976
11/16/25 15:00	2.5	294	1.2	977
11/16/25 16:00	2.9	299	0.9	977
11/16/25 17:00	3.1	296	1.0	978
11/16/25 18:00	3.1	292	1.0	978
11/16/25 19:00	2.9	294	0.1	978
11/16/25 20:00	3.1	287	0.0	979
11/16/25 21:00	3.7	296	-0.3	979
11/16/25 22:00	5.2	293	-1.0	978
11/16/25 23:00	4.0	289	-1.0	978
11/17/25 0:00	4.3	292	-0.9	978
11/17/25 1:00	4.7	292	-1.0	978
11/17/25 2:00	3.9	283	-1.0	979
11/17/25 3:00	4.0	271	-1.0	979
11/17/25 4:00	4.2	274	-1.0	979
11/17/25 5:00	3.9	277	-1.0	980
11/17/25 6:00	4.0	280	-1.1	980
11/17/25 7:00	3.9	276	-0.9	981
11/17/25 8:00	4.7	287	-0.6	982
11/17/25 9:00	4.6	274	-0.8	983
11/17/25 10:00	4.0	286	1.3	983
11/17/25 11:00	4.5	289	2.6	984
11/17/25 12:00	4.7	294	3.1	985
11/17/25 13:00	5.1	286	3.1	986
11/17/25 14:00	5.2	288	3.0	987
11/17/25 15:00	5.2	284	2.1	988
11/17/25 16:00	4.0	286	1.7	990
11/17/25 17:00	4.3	292	1.0	991
11/17/25 18:00	4.1	297	1.0	992
11/17/25 19:00	3.2	285	1.0	993
11/17/25 20:00	3.8	286	1.0	993
11/17/25 21:00	4.0	284	0.9	994
11/17/25 22:00	3.6	274	0.9	995
11/17/25 23:00	3.3	274	0.9	995
11/18/25 0:00	4.6	281	1.0	996
11/18/25 1:00	5.3	288	1.0	997

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (11/5/25 9:00 to 11/26/25 11:00)**

11/18/25 2:00	3.4	271	1.0	997
11/18/25 3:00	3.3	250	-0.3	998
11/18/25 4:00	3.1	260	-0.6	998
11/18/25 5:00	3.8	267	0.5	999
11/18/25 6:00	3.5	277	0.9	1000
11/18/25 7:00	3.9	277	1.0	1001
11/18/25 8:00	4.9	286	1.9	1001
11/18/25 9:00	6.2	295	2.7	1002
11/18/25 10:00	5.8	291	3.2	1002
11/18/25 11:00	5.4	275	4.2	1003
11/18/25 12:00	6.4	285	4.9	1003
11/18/25 13:00	6.4	294	5.4	1003
11/18/25 14:00	4.9	281	4.2	1004
11/18/25 15:00	4.5	294	3.5	1005
11/18/25 16:00	3.7	299	2.5	1006
11/18/25 17:00	2.4	297	1.7	1007
11/18/25 18:00	2.3	270	1.0	1008
11/18/25 19:00	2.3	265	0.9	1009
11/18/25 20:00	3.8	261	0.7	1009
11/18/25 21:00	3.7	243	-0.2	1010
11/18/25 22:00	2.6	260	-1.0	1010
11/18/25 23:00	2.1	238	-1.3	1010
11/19/25 0:00	1.9	239	-2.0	1010
11/19/25 1:00	2.1	231	-2.0	1011
11/19/25 2:00	1.9	237	-2.1	1012
11/19/25 3:00	1.9	253	-2.0	1011
11/19/25 4:00	1.7	247	-2.3	1012
11/19/25 5:00	1.5	210	-3.4	1012
11/19/25 6:00	ND	ND	-5.3	1013
11/19/25 7:00	1.3	209	-2.8	1013
11/19/25 8:00	2.2	259	-0.5	1013
11/19/25 9:00	2.6	282	1.9	1013
11/19/25 10:00	2.4	281	3.3	1013
11/19/25 11:00	2.8	277	4.2	1013
11/19/25 12:00	2.5	286	5.4	1012
11/19/25 13:00	3.4	320	6.0	1012
11/19/25 14:00	4.2	322	6.0	1013
11/19/25 15:00	1.8	307	3.5	1013
11/19/25 16:00	2.3	318	2.4	1014
11/19/25 17:00	3.5	320	2.1	1015
11/19/25 18:00	3.4	318	0.9	1015
11/19/25 19:00	2.1	314	0.5	1016
11/19/25 20:00	ND	ND	-2.1	1016
11/19/25 21:00	ND	ND	-3.2	1016

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (11/5/25 9:00 to 11/26/25 11:00)**

11/19/25 22:00	1.0	230	-3.6	1017
11/19/25 23:00	0.8	13	-4.0	1016
11/20/25 0:00	1.5	310	-4.0	1016
11/20/25 1:00	1.5	280	-4.7	1017
11/20/25 2:00	ND	ND	-5.5	1017
11/20/25 3:00	1.5	230	-5.8	1017
11/20/25 4:00	ND	ND	-6.0	1017
11/20/25 5:00	ND	ND	-6.2	1017
11/20/25 6:00	ND	ND	-6.4	1017
11/20/25 7:00	ND	ND	-4.9	1018
11/20/25 8:00	1.0	270	-1.8	1018
11/20/25 9:00	1.3	7	0.5	1018
11/20/25 10:00	0.5	270	1.9	1017
11/20/25 11:00	1.7	251	2.7	1016
11/20/25 12:00	1.7	256	3.5	1016
11/20/25 13:00	1.7	256	3.9	1015
11/20/25 14:00	1.3	305	4.0	1015
11/20/25 15:00	1.5	270	3.0	1015
11/20/25 16:00	ND	ND	-0.1	1015
11/20/25 17:00	0.1	ND	-1.7	1015
11/20/25 18:00	ND	ND	-2.7	1015
11/20/25 19:00	1.5	190	-2.6	1015
11/20/25 20:00	ND	ND	-3.6	1015
11/20/25 21:00	ND	ND	-3.9	1014
11/20/25 22:00	0.0	ND	-4.5	1014
11/20/25 23:00	ND	ND	-4.0	1014
11/21/25 0:00	0.0	ND	-4.0	1014
11/21/25 1:00	ND	ND	-4.2	1013
11/21/25 2:00	ND	ND	-5.5	1013
11/21/25 3:00	0.0	ND	-5.8	1012
11/21/25 4:00	ND	ND	-6.1	1012
11/21/25 5:00	ND	ND	-5.4	1012
11/21/25 6:00	ND	ND	-4.9	1012
11/21/25 7:00	ND	ND	-4.3	1011
11/21/25 8:00	1.5	180	-1.7	1011
11/21/25 9:00	2.0	182	2.0	1010
11/21/25 10:00	2.9	190	3.4	1009
11/21/25 11:00	4.4	180	4.9	1007
11/21/25 12:00	4.4	180	6.1	1006
11/21/25 13:00	3.6	190	6.7	1006
11/21/25 14:00	2.8	166	6.0	1005
11/21/25 15:00	3.2	178	6.0	1004
11/21/25 16:00	2.9	194	5.9	1004
11/21/25 17:00	2.9	198	5.9	1004

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (11/5/25 9:00 to 11/26/25 11:00)**

11/21/25 18:00	2.6	193	5.2	1004
11/21/25 19:00	1.9	212	3.9	1003
11/21/25 20:00	2.0	202	3.9	1003
11/21/25 21:00	2.5	197	3.9	1003
11/21/25 22:00	1.9	211	3.2	1003
11/21/25 23:00	1.7	201	3.3	1003
11/22/25 0:00	1.8	196	2.9	1002
11/22/25 1:00	1.7	198	2.1	1002
11/22/25 2:00	1.1	223	1.6	1002
11/22/25 3:00	1.5	290	-0.4	1002
11/22/25 4:00	ND	ND	-2.2	1003
11/22/25 5:00	1.5	335	-2.0	1003
11/22/25 6:00	2.3	337	-1.2	1003
11/22/25 7:00	1.8	334	0.4	1003
11/22/25 8:00	1.4	164	1.1	1003
11/22/25 9:00	2.1	185	2.3	1003
11/22/25 10:00	1.7	210	3.4	1002
11/22/25 11:00	2.1	232	4.8	1002
11/22/25 12:00	1.8	209	6.5	1001
11/22/25 13:00	2.7	296	7.7	1001
11/22/25 14:00	3.8	287	7.4	1001
11/22/25 15:00	2.1	268	5.7	1001
11/22/25 16:00	4.8	312	4.4	1002
11/22/25 17:00	5.7	315	3.1	1003
11/22/25 18:00	2.4	299	1.5	1004
11/22/25 19:00	3.4	303	0.9	1005
11/22/25 20:00	3.0	294	0.1	1005
11/22/25 21:00	2.3	296	-1.0	1005
11/22/25 22:00	2.1	280	-1.6	1006
11/22/25 23:00	1.3	255	-3.0	1006
11/23/25 0:00	1.7	270	-4.2	1005
11/23/25 1:00	1.8	241	-4.8	1006
11/23/25 2:00	1.7	208	-4.8	1006
11/23/25 3:00	1.8	269	-5.0	1006
11/23/25 4:00	1.9	248	-4.0	1006
11/23/25 5:00	2.1	207	-5.1	1006
11/23/25 6:00	2.3	202	-4.6	1007
11/23/25 7:00	1.4	199	-3.9	1007
11/23/25 8:00	1.7	203	-2.4	1007
11/23/25 9:00	1.3	195	-1.2	1007
11/23/25 10:00	1.9	191	-0.1	1007
11/23/25 11:00	1.3	204	1.0	1006
11/23/25 12:00	1.6	215	1.7	1006
11/23/25 13:00	2.0	250	2.8	1005

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (11/5/25 9:00 to 11/26/25 11:00)**

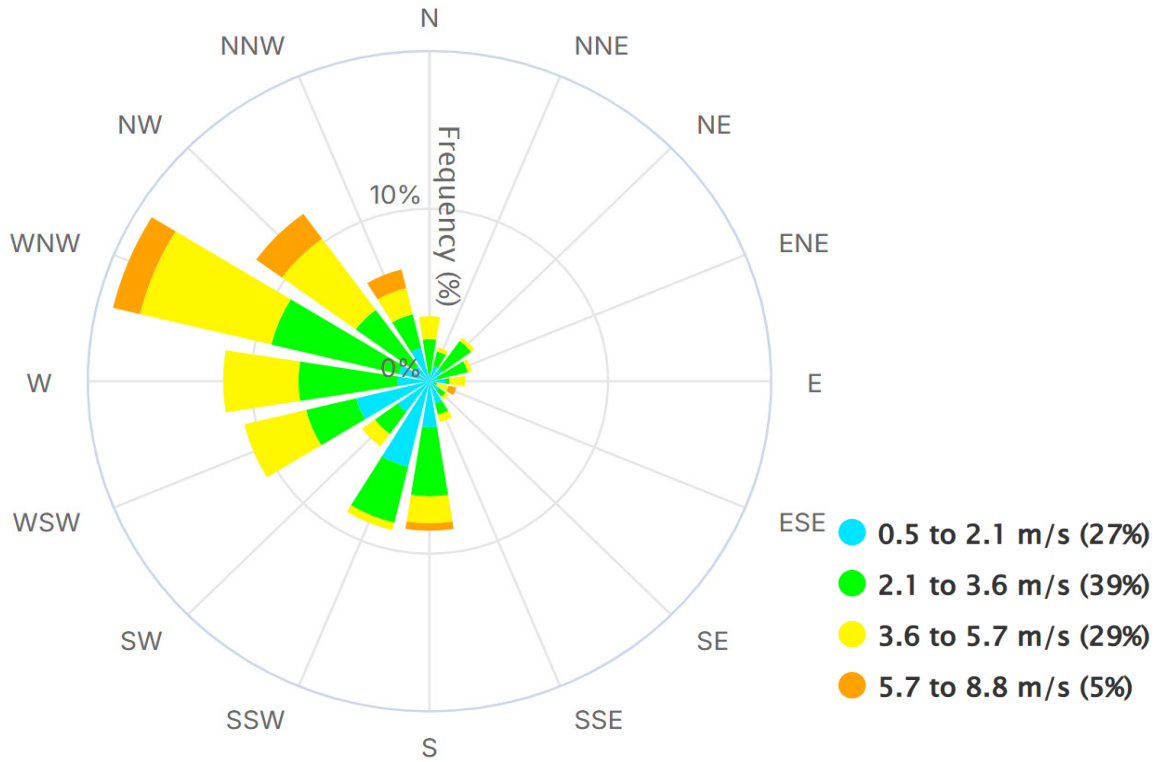
11/23/25 14:00	1.5	170	3.0	1005
11/23/25 15:00	1.5	163	2.0	1005
11/23/25 16:00	2.1	320	0.5	1005
11/23/25 17:00	0.0	ND	-0.6	1005
11/23/25 18:00	ND	ND	-0.7	1005
11/23/25 19:00	ND	ND	-0.6	1005
11/23/25 20:00	0.0	ND	-1.0	1005
11/23/25 21:00	ND	ND	-1.2	1005
11/23/25 22:00	ND	ND	-1.8	1005
11/23/25 23:00	1.1	343	-1.2	1005
11/24/25 0:00	1.6	326	-1.0	1005
11/24/25 1:00	2.3	317	-0.7	1005
11/24/25 2:00	1.5	300	-1.7	1006
11/24/25 3:00	ND	ND	-2.0	1006
11/24/25 4:00	1.2	250	-2.5	1006
11/24/25 5:00	ND	ND	-3.2	1007
11/24/25 6:00	ND	ND	-3.2	1008
11/24/25 7:00	1.5	237	-1.8	1009
11/24/25 8:00	2.1	283	0.2	1009
11/24/25 9:00	2.6	308	2.7	1009
11/24/25 10:00	4.6	309	3.8	1010
11/24/25 11:00	5.2	316	5.3	1010
11/24/25 12:00	4.3	315	5.8	1010
11/24/25 13:00	6.2	332	5.7	1010
11/24/25 14:00	5.6	316	5.1	1011
11/24/25 15:00	4.6	312	4.6	1012
11/24/25 16:00	4.3	311	3.9	1013
11/24/25 17:00	3.6	304	3.8	1013
11/24/25 18:00	4.8	318	3.0	1014
11/24/25 19:00	3.6	317	2.1	1014
11/24/25 20:00	2.4	290	1.9	1015
11/24/25 21:00	2.2	294	1.4	1015
11/24/25 22:00	1.5	223	-1.1	1015
11/24/25 23:00	1.5	210	-2.3	1015
11/25/25 0:00	1.6	231	-1.1	1015
11/25/25 1:00	1.7	195	-1.2	1015
11/25/25 2:00	2.7	190	-1.0	1015
11/25/25 3:00	2.4	196	-0.1	1015
11/25/25 4:00	2.7	195	0.2	1015
11/25/25 5:00	2.3	180	0.3	1015
11/25/25 6:00	2.7	183	0.7	1014
11/25/25 7:00	3.6	189	1.1	1014
11/25/25 8:00	3.5	191	2.0	1015
11/25/25 9:00	3.0	191	3.1	1015

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (11/5/25 9:00 to 11/26/25 11:00)**

11/25/25 10:00	2.8	208	4.3	1014
11/25/25 11:00	2.2	196	5.7	1013
11/25/25 12:00	4.2	193	6.8	1013
11/25/25 13:00	3.1	188	7.6	1013
11/25/25 14:00	2.3	188	8.0	1013
11/25/25 15:00	2.0	155	6.7	1013
11/25/25 16:00	2.0	170	6.1	1012
11/25/25 17:00	2.0	184	5.9	1012
11/25/25 18:00	1.3	168	4.5	1012
11/25/25 19:00	ND	ND	3.5	1011
11/25/25 20:00	1.8	185	3.8	1011
11/25/25 21:00	3.0	180	4.9	1010
11/25/25 22:00	2.5	187	5.2	1010
11/25/25 23:00	2.1	185	5.9	1010
11/26/25 0:00	3.0	178	6.4	1009
11/26/25 1:00	2.6	157	7.0	1008
11/26/25 2:00	2.2	175	7.3	1008
11/26/25 3:00	1.8	164	7.1	1007
11/26/25 4:00	1.7	114	6.9	1006
11/26/25 5:00	1.1	80	7.0	1005
11/26/25 6:00	1.6	85	7.5	1004
11/26/25 7:00	1.5	ND	7.9	1003
11/26/25 8:00	1.5	90	8.5	1002
11/26/25 9:00	1.5	340	9.0	1002
11/26/25 10:00	1.8	337	9.8	1001
11/26/25 11:00	1.9	333	9.3	1000

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (11/5/25 9:00 to 11/26/25 11:00)

BGR Wind Rose 11/5/25 9:00 - 11/26/25 11:00



Appendix C - Corrective Action Plan

MONTROSE AIR QUALITY SERVICES, LLC

MAINE CH. 171 FENCELINE MONITORING CORRECTIVE ACTION PLAN

PURPOSE	To minimize field sampling errors possible during Maine DEP Ch. 171 petroleum storage terminal fence line sampling for BTEX using EPA Method 325A sample process.		
REASON	Field sampling errors can occur including: a lost individual or multiple samples; a sample for a duration other than provided for in the sampling method; documentation errors; and low duplicate precision.		
ACTION PLAN SPONSOR	Kevin Ruggiero, Operations Manager	DATE	January 26, 2026
STRATEGIC ACTION	MONTROSE PERSONNEL RESPONSIBLE	DATE DUE	COMMENTS
Engage new field personnel	Operations Manager	Interim: 11/23/25; On-going: 2/3/26.	New field personnel that are existing, local full-time Montrose staff will be fully trained and integrated into the monitoring program.
Provide formal video and written training	Project Manager	02/03/26	Montrose has a formal training program on EPA Method 325A field sampling techniques that all personnel involved in the project will be required to take.
Provide in the field training	Project Manager	2/3/26-2/11/26	A Montrose project manager experienced in EPA Method 325A field sampling will provide training in the field for new field personnel. The training will include a comprehensive overview of the sampling methodology as well as monitoring site-specific training needed. The trainer confirms mastery of associated tasks.
Check-ins between the field personnel and project manager to confirm completion of tasks	Field Technician, Project Manager	Each sample day.	Field personnel will be required to check-in with the project manager each sample day to review that all scheduled activities were conducted and identify any non-conformance or corrective actions needed.
Review of sample kit before released for shipping	Field Technician	Prior to release of every sample shipment.	Field personnel required to perform a secondary review of samples prior to shipping to identify any non-conformance prior to samples being released.
Tracking of outbound sample shipments to laboratory	Project Manager	As received.	Review of automated FedEx courier tracking notifications of sample shipments from the field to the analytical laboratory for confirmation of sample shipment and receipt.
Review of sample documentation	Project Manager	Within 3 business days of receipt.	
Review of fleet tracking data	Project Manager	Weekly.	Review of vehicle monitoring device to confirm field personnel movements.
Periodic on site field assessments	Project Manager	After end of Q1, 2026.	Periodic in-person observation of field personnel by project manager.
Provide remedial training	Project Manager	As needed.	Review of field sampling activities to identify any additional training needed to remediate any non-conformance events.
Regular meetings with client to discuss recent sampling results	Operations Manager, Project Manager, Data Manager	Once per quarter, scheduled when draft report has been prepared.	Scheduled cadence of status update meetings between Montrose project personnel and client project personnel
Communication of any irregularities with client	Operations Manager, Project Manager, Data Manager	Within 3 business days of discovery.	Promptly notify client of any irregularities in sampling.