Energy Laboratories Inc

ANALYTICAL RUN Summary

08-Dec-21

Run ID SV5972.I_211203B

Run Start Date:	12/3/2021
Analyst:	Steve Dilts
Ical:	0
Column ID:	DB-624
Comments:	DOD BTEX

Std ID	Std Name	Std Amount	Std Units	Samp Amount	Samp Units	SampType	Expiration Date
VOCF3463	Internals	8.4	ul	42	ml	CAL	12/31/2021
VOCF3497B	Liquids			42	ml	CAL	12/11/2021
VOCF3505B	2nd Source Liquids	1.05	ul	42	ml	ICV	12/23/2021
VOCF3517	Internal Standard / Surrogates (INT/SURR)	8.4	ul	42	ml	MBLK, ICV	12/31/2022
VOCF3518	Calibration Surrogates			42	ml	CAL	12/31/2022

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907620	03DEC04_D_T	VOC-8260-BFB	TUNE	V5972.I\SB120321	2/3/2021 12:21:	1	R371349		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
173, % of mass 174	A	%	0	0		100	0	0	0	0	0	0%	0	1.99	0%	
174, % of mass 95	A	%	94.2	94.2		100	0	0	0	0	0	94%	50	99.99	0%	
175, % of mass 174	A	%	8	8		100	0	0	0	0	0	8%	5	9	0%	
176, % of mass 174	A	%	99.5	99.5		100	0	0	0	0	0	100%	95	101	0%	
177, % of mass 176	A	%	6.4	6.4		100	0	0	0	0	0	6%	5	9	0%	
50, % of mass 95	A	%	15.1	15.1		100	0	0	0	0	0	15%	15	40	0%	
75, % of mass 95	A	%	39.6	39.6		100	0	0	0	0	0	40%	30	60	0%	
95, Base Peak	A	%	100	100		100	0	0	0	0	0	100%	0	100	0%	
96, % of mass 95	A	%	6.5	6.5		100	0	0	0	0	0	7%	5	9	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907686	MBLK120321	VOC-8260-W-Q	MBLK	V5972.I\SB120321	2/3/2021 12:46:	1	R371349		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.0679	0.5	500	0%	0	0	0%	
Benzene	A	ug/L	0	0		0	0	0	0.0481	0.5	500	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907686	MBLK120321	VOC-8260-W-Q	MBLK	V5972.I\SB1203212/3/2021 12:46:		1	R371349		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	0.5	500	0%	0	0	0%	
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	0.5	1000	0%	0	0	0%	
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	0.5	500	0%	0	0	0%	
Toluene	A	ug/L	0	0		0	0	0	0.0606	0.5	500	0%	0	0	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	0.5	1500	0%	0	0	0%	
1,2-Dichloroethane-d4	S	ug/L	233.02227	9.3208908		10	0	0	0.0944	0.5	500	93%	70	130	0%	
Dibromofluoromethane	S	ug/L	249.77913	9.9911652		10	0	0	0.07	0.5	500	100%	77	126	0%	
p-Bromofluorobenzene	S	ug/L	250.50207	10.0200828		10	0	0	0.112	0.5	500	100%	76	127	0%	
Toluene-d8	S	ug/L	236.55186	9.4620744		10	0	0	0.081	0.5	500	95%	79	122	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907687	ICAL120321_1	VOC-8260-W-Q	CAL1	V5972.I\SB1203212/3/2021 1:11:0		1	R371349		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichloroethane	A	ug/L	2.18433	0.0873732		0.1	0	0	0.0679	0.5	500	87%	50	150	0%	
Benzene	A	ug/L	2.4439	0.097756		0.1	0	0	0.0481	0.5	500	98%	50	150	0%	
Ethylbenzene	A	ug/L	2.38435	0.095374		0.1	0	0	0.05	0.5	500	95%	50	150	0%	
m+p-Xylenes	A	ug/L	4.52408	0.1809632		0.2	0	0	0.0688	0.5	1000	90%	50	150	0%	
o-Xylene	A	ug/L	2.25007	0.0900028		0.1	0	0	0.0436	0.5	500	90%	50	150	0%	
Toluene	A	ug/L	2.18964	0.0875856		0.1	0	0	0.0606	0.5	500	88%	50	150	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	50	150	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	50	150	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	50	150	0%	
Xylenes, Total	M	ug/L	6.77415	0.270966		0.3	0	0	0.0436	0.5	1500	90%	50	150	0%	
1,2-Dichloroethane-d4	S	ug/L	4.97701	0.1990804		0.1	0	0	0.0944	0.5	500	199%	50	150	0%	S
Dibromofluoromethane	S	ug/L	2.89527	0.1158108		0.1	0	0	0.07	0.5	500	116%	50	150	0%	
p-Bromofluorobenzene	S	ug/L	4.15767	0.1663068		0.1	0	0	0.112	0.5	500	166%	50	150	0%	S
Toluene-d8	S	ug/L	2.86961	0.1147844		0.1	0	0	0.081	0.5	500	115%	50	150	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907688	ICAL120321_2	VOC-8260-W-Q	CAL2	V5972.I\SB1203212/3/2021	1:37:0	1	R371349		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichloroethane	A	ug/L	12.06374	0.4825496		0.5	0	0	0.0679	0.5	500	97%	70	130	0%	
Benzene	A	ug/L	12.01783	0.4807132		0.5	0	0	0.0481	0.5	500	96%	70	130	0%	
Ethylbenzene	A	ug/L	11.8337	0.473348		0.5	0	0	0.05	0.5	500	95%	70	130	0%	
m+p-Xylenes	A	ug/L	23.30236	0.9320944		1	0	0	0.0688	0.5	1000	93%	70	130	0%	
o-Xylene	A	ug/L	11.90989	0.4763956		0.5	0	0	0.0436	0.5	500	95%	70	130	0%	
Toluene	A	ug/L	11.78235	0.471294		0.5	0	0	0.0606	0.5	500	94%	70	130	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	50	150	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	50	150	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	50	150	0%	
Xylenes, Total	M	ug/L	35.21225	1.40849		1.5	0	0	0.0436	0.5	1500	94%	50	150	0%	
1,2-Dichloroethane-d4	S	ug/L	14.32304	0.5729216		0.5	0	0	0.0944	0.5	500	115%	50	150	0%	
Dibromofluoromethane	S	ug/L	11.54401	0.4617604		0.5	0	0	0.07	0.5	500	92%	50	150	0%	
p-Bromofluorobenzene	S	ug/L	12.4735	0.49894		0.5	0	0	0.112	0.5	500	100%	50	150	0%	
Toluene-d8	S	ug/L	11.57329	0.4629316		0.5	0	0	0.081	0.5	500	93%	50	150	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907689	ICAL120321_3	VOC-8260-W-Q	CAL3	V5972.I\SB1203212/3/2021	2:02:0	1	R371349		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichloroethane	A	ug/L	23.44083	0.9376332		1	0	0	0.0679	0.5	500	94%	70	130	0%	
Benzene	A	ug/L	24.15242	0.9660968		1	0	0	0.0481	0.5	500	97%	70	130	0%	
Ethylbenzene	A	ug/L	23.50959	0.9403836		1	0	0	0.05	0.5	500	94%	70	130	0%	
m+p-Xylenes	A	ug/L	47.4193	1.896772		2	0	0	0.0688	0.5	1000	95%	70	130	0%	
o-Xylene	A	ug/L	23.11579	0.9246316		1	0	0	0.0436	0.5	500	92%	70	130	0%	
Toluene	A	ug/L	23.50852	0.9403408		1	0	0	0.0606	0.5	500	94%	70	130	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Xylenes, Total	M	ug/L	70.53509	2.8214036		3	0	0	0.0436	0.5	1500	94%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	24.86613	0.9946452		1	0	0	0.0944	0.5	500	99%	70	130	0%	
Dibromofluoromethane	S	ug/L	24.88389	0.9953556		1	0	0	0.07	0.5	500	100%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	24.62444	0.9849776		1	0	0	0.112	0.5	500	98%	70	130	0%	
Toluene-d8	S	ug/L	23.28203	0.9312812		1	0	0	0.081	0.5	500	93%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907690	ICAL120321_4	VOC-8260-W-Q	CAL4	V5972.I\SB1203212/3/2021	2:28:0	1	R371349		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichloroethane	A	ug/L	50.94376	2.0377504		2	0	0	0.0679	0.5	500	102%	70	130	0%	
Benzene	A	ug/L	50.27361	2.0109444		2	0	0	0.0481	0.5	500	101%	70	130	0%	
Ethylbenzene	A	ug/L	51.5342	2.061368		2	0	0	0.05	0.5	500	103%	70	130	0%	
m+p-Xylenes	A	ug/L	104.50904	4.1803616		4	0	0	0.0688	0.5	1000	105%	70	130	0%	
o-Xylene	A	ug/L	51.99821	2.0799284		2	0	0	0.0436	0.5	500	104%	70	130	0%	
Toluene	A	ug/L	52.25505	2.090202		2	0	0	0.0606	0.5	500	105%	70	130	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Xylenes, Total	M	ug/L	156.50725	6.26029		6	0	0	0.0436	0.5	1500	104%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	51.44237	2.0576948		2	0	0	0.0944	0.5	500	103%	70	130	0%	
Dibromofluoromethane	S	ug/L	50.07162	2.0028648		2	0	0	0.07	0.5	500	100%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	51.28715	2.051486		2	0	0	0.112	0.5	500	103%	70	130	0%	
Toluene-d8	S	ug/L	49.85747	1.9942988		2	0	0	0.081	0.5	500	100%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907691	ICAL120321_5	VOC-8260-W-Q	CAL5	V5972.I\SB1203212/3/2021	3:19:0	1	R371349		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichloroethane	A	ug/L	134.55097	5.3820388		5	0	0	0.0679	0.5	500	108%	70	130	0%	
Benzene	A	ug/L	130.80027	5.2320108		5	0	0	0.0481	0.5	500	105%	70	130	0%	
Ethylbenzene	A	ug/L	132.14526	5.2858104		5	0	0	0.05	0.5	500	106%	70	130	0%	
m+p-Xylenes	A	ug/L	268.42566	10.7370264		10	0	0	0.0688	0.5	1000	107%	70	130	0%	
o-Xylene	A	ug/L	133.4741	5.338964		5	0	0	0.0436	0.5	500	107%	70	130	0%	
Toluene	A	ug/L	134.54042	5.3816168		5	0	0	0.0606	0.5	500	108%	70	130	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Xylenes, Total	M	ug/L	401.89976	16.0759904		15	0	0	0.0436	0.5	1500	107%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	127.70027	5.1080108		5	0	0	0.0944	0.5	500	102%	70	130	0%	
Dibromofluoromethane	S	ug/L	132.24637	5.2898548		5	0	0	0.07	0.5	500	106%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	129.48335	5.179334		5	0	0	0.112	0.5	500	104%	70	130	0%	
Toluene-d8	S	ug/L	128.32928	5.1331712		5	0	0	0.081	0.5	500	103%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907692	ICAL120321_6	VOC-8260-W-Q	CAL6	V5972.I\SB1203212/3/2021 4:09:0		1	R371349		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichloroethane	A	ug/L	261.98843	10.4795372		10	0	0	0.0679	0.5	500	105%	70	130	0%	
Benzene	A	ug/L	255.8218	10.232872		10	0	0	0.0481	0.5	500	102%	70	130	0%	
Ethylbenzene	A	ug/L	257.6433	10.305732		10	0	0	0.05	0.5	500	103%	70	130	0%	
m+p-Xylenes	A	ug/L	519.6511	20.786044		20	0	0	0.0688	0.5	1000	104%	70	130	0%	
o-Xylene	A	ug/L	260.90252	10.4361008		10	0	0	0.0436	0.5	500	104%	70	130	0%	
Toluene	A	ug/L	262.2903	10.491612		10	0	0	0.0606	0.5	500	105%	70	130	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Xylenes, Total	M	ug/L	780.55362	31.2221448		30	0	0	0.0436	0.5	1500	104%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	238.98008	9.5592032		10	0	0	0.0944	0.5	500	96%	70	130	0%	
Dibromofluoromethane	S	ug/L	254.74812	10.1899248		10	0	0	0.07	0.5	500	102%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	247.18963	9.8875852		10	0	0	0.112	0.5	500	99%	70	130	0%	
Toluene-d8	S	ug/L	250.57787	10.0231148		10	0	0	0.081	0.5	500	100%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907693	ICAL120321_7	VOC-8260-W-Q	CAL7	V5972.I\SB1203212/3/2021 5:00:0		1	R371349		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichloroethane	A	ug/L	383.7124	15.348496		15	0	0	0.0679	0.5	500	102%	70	130	0%	
Benzene	A	ug/L	374.79003	14.9916012		15	0	0	0.0481	0.5	500	100%	70	130	0%	
Ethylbenzene	A	ug/L	378.53979	15.1415916		15	0	0	0.05	0.5	500	101%	70	130	0%	
m+p-Xylenes	A	ug/L	766.29401	30.6517604		30	0	0	0.0688	0.5	1000	102%	70	130	0%	
o-Xylene	A	ug/L	384.92542	15.3970168		15	0	0	0.0436	0.5	500	103%	70	130	0%	
Toluene	A	ug/L	384.77118	15.3908472		15	0	0	0.0606	0.5	500	103%	70	130	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Xylenes, Total	M	ug/L	1151.21943	46.0487772		45	0	0	0.0436	0.5	1500	102%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	345.92451	13.8369804		15	0	0	0.0944	0.5	500	92%	70	130	0%	
Dibromofluoromethane	S	ug/L	370.9483	14.837932		15	0	0	0.07	0.5	500	99%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	368.50348	14.7401392		15	0	0	0.112	0.5	500	98%	70	130	0%	
Toluene-d8	S	ug/L	364.16405	14.566562		15	0	0	0.081	0.5	500	97%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907694	ICAL120321_8	VOC-8260-W-Q	CAL8	V5972.I\SB1203212/3/2021 5:51:0		1	R371349		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichloroethane	A	ug/L	528.53225	21.14129		20	0	0	0.0679	0.5	500	106%	70	130	0%	
Benzene	A	ug/L	510.15798	20.4063192		20	0	0	0.0481	0.5	500	102%	70	130	0%	
Ethylbenzene	A	ug/L	515.66123	20.6264492		20	0	0	0.05	0.5	500	103%	70	130	0%	
m+p-Xylenes	A	ug/L	1034.88242	41.3952968		40	0	0	0.0688	0.5	1000	103%	70	130	0%	
o-Xylene	A	ug/L	522.35659	20.8942636		20	0	0	0.0436	0.5	500	104%	70	130	0%	
Toluene	A	ug/L	522.28784	20.8915136		20	0	0	0.0606	0.5	500	104%	70	130	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Xylenes, Total	M	ug/L	1557.23901	62.2895604		60	0	0	0.0436	0.5	1500	104%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	465.33805	18.613522		20	0	0	0.0944	0.5	500	93%	70	130	0%	
Dibromofluoromethane	S	ug/L	506.76601	20.2706404		20	0	0	0.07	0.5	500	101%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	492.04877	19.6819508		20	0	0	0.112	0.5	500	98%	70	130	0%	
Toluene-d8	S	ug/L	498.90667	19.9562668		20	0	0	0.081	0.5	500	100%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907695	ICV120321	VOC-8260-W-Q	ICV	V5972.I\SB1203212/3/2021 6:42:0		1	R371349		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichloroethane	A	ug/L	117.8505	4.71402		5	0	0	0.0679	0.5	500	94%	80	120	0%	
Benzene	A	ug/L	114.54501	4.5818004		5	0	0	0.0481	0.5	500	92%	80	120	0%	
Ethylbenzene	A	ug/L	116.87786	4.6751144		5	0	0	0.05	0.5	500	94%	80	120	0%	
m+p-Xylenes	A	ug/L	230.56246	9.2224984		10	0	0	0.0688	0.5	1000	92%	80	120	0%	
o-Xylene	A	ug/L	119.54888	4.7819552		5	0	0	0.0436	0.5	500	96%	80	120	0%	
Toluene	A	ug/L	117.11041	4.6844164		5	0	0	0.0606	0.5	500	94%	80	120	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	350.11134	14.0044536		15	0	0	0.0436	0.5	1500	93%	80	120	0%	
1,2-Dichloroethane-d4	S	ug/L	228.24388	9.1297552		10	0	0	0.0944	0.5	500	91%	80	120	0%	
Dibromofluoromethane	S	ug/L	246.41062	9.8564248		10	0	0	0.07	0.5	500	99%	80	120	0%	
p-Bromofluorobenzene	S	ug/L	244.14109	9.7656436		10	0	0	0.112	0.5	500	98%	80	120	0%	
Toluene-d8	S	ug/L	234.29014	9.3716056		10	0	0	0.081	0.5	500	94%	80	120	0%	

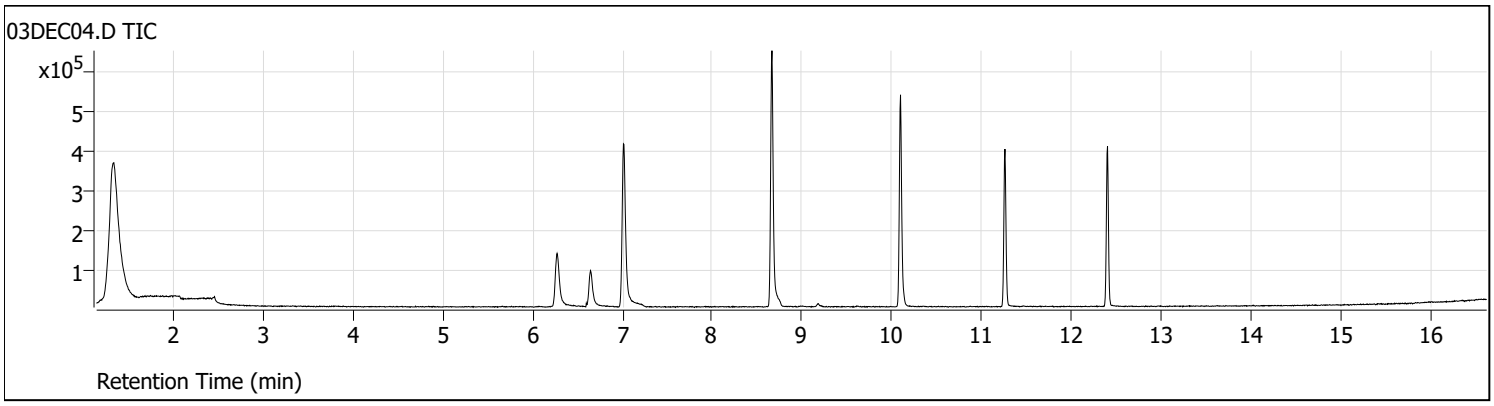
Injection Log

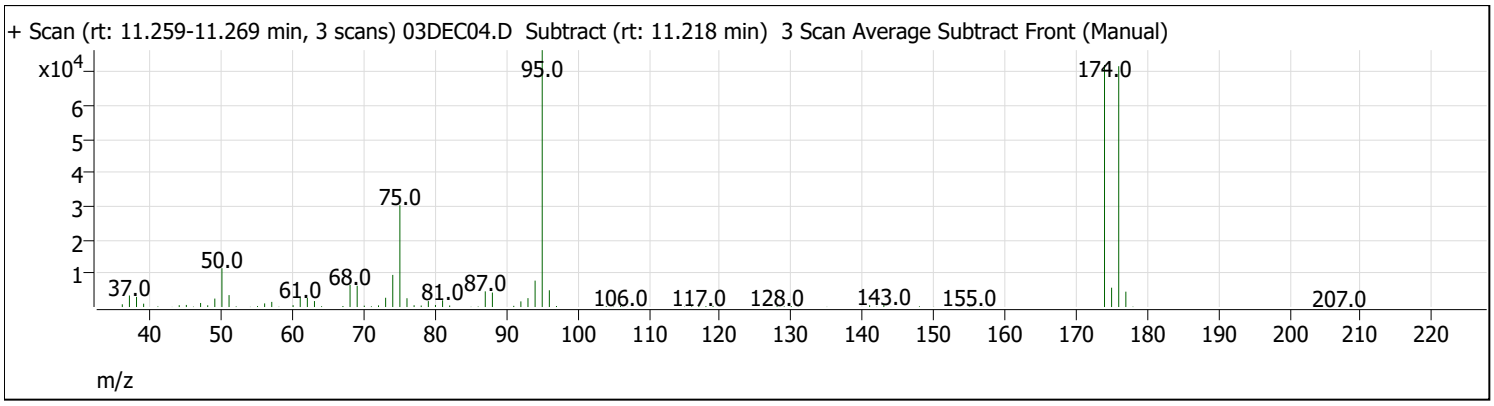
Directory: C:\HPCHEM\1\DATA\SB120321

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	03DEC01.D	1.	BLK		3 Dec 2021 09:24
2	2	03DEC02.D	1.	BLK		3 Dec 2021 10:58
3	3	03DEC03.D	1.	BFB120321		3 Dec 2021 11:36
4	4	03DEC04.D	1.	BFB120321		3 Dec 2021 12:21
5	5	03DEC05.D	1.	MBLK120321		3 Dec 2021 12:46
6	6	03DEC06.D	1.	ICAL120321_1		3 Dec 2021 13:11
7	7	03DEC07.D	1.	ICAL120321_2		3 Dec 2021 13:37
8	8	03DEC08.D	1.	ICAL120321_3		3 Dec 2021 14:02
9	9	03DEC09.D	1.	ICAL120321_4		3 Dec 2021 14:28
10	10	03DEC10.D	1.	BLK		3 Dec 2021 14:53
11	11	03DEC11.D	1.	ICAL120321_5		3 Dec 2021 15:19
12	12	03DEC12.D	1.	BLK		3 Dec 2021 15:44
13	13	03DEC13.D	1.	ICAL120321_6		3 Dec 2021 16:09
14	14	03DEC14.D	1.	BLK		3 Dec 2021 16:35
15	15	03DEC15.D	1.	ICAL120321_7		3 Dec 2021 17:00
16	16	03DEC16.D	1.	BLK		3 Dec 2021 17:26
17	17	03DEC17.D	1.	ICAL120321_8		3 Dec 2021 17:51
18	18	03DEC18.D	1.	BLK		3 Dec 2021 18:16
19	19	03DEC19.D	1.	ICV120321		3 Dec 2021 18:42
20	20	03DEC20.D	1.	BLK		3 Dec 2021 19:07
21	21	03DEC21.D	1.	BLK		3 Dec 2021 19:32

Tune Evaluation Report

Data Path:	D:\Org\Data\SV5972.I\SB120321\03DEC04.D
Acq on:	12/3/2021 12:21:00 PM
Operator:	SBD
Sample:	BFB120321
Inst Name:	GC/MS Ins
ALS Vial:	4
Method:	\\masshunter\Org\Data\Methods\Quant\BFB3scans.m





Target Mass	Rel. To Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Pass/Fail
50	95	15	40	15.1	11555	Pass
75	95	30	60	39.6	30312	Pass
95	95	100	100	100.0	76533	Pass
96	95	5	9	6.5	4993	Pass
173	174	0	2	0.0	0	Pass
174	95	50	100	94.2	72115	Pass
175	174	5	9	8.0	5758	Pass
176	174	95	101	99.5	71749	Pass
177	176	5	9	6.4	4577	Pass

Quantitative Analysis Results Summary Report

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Batch Path	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin		
Analysis Time	12/8/2021 10:17 AM	**Analyst Name**	BL2000\steve
Report Time	12/8/2021 10:19:46 AM	**Reporter Name**	BL2000\steve
Last Calib Update	12/6/2021 11:27 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Sequence Table

Data File	sample Name	Sample Type	Vial Position	Inj Vol	Level	Acq Method File
03DEC05.D	MBLK120321	Method Blank	5	0		5972ACQ
03DEC06.D	ICAL120321_1	Cal	6	0	1	5972ACQ
03DEC07.D	ICAL120321_2	Cal	7	0	2	5972ACQ
03DEC08.D	ICAL120321_3	Cal	8	0	3	5972ACQ
03DEC09.D	ICAL120321_4	Cal	9	0	4	5972ACQ
03DEC11.D	ICAL120321_5	Cal	11	0	5	5972ACQ
03DEC13.D	ICAL120321_6	Cal	13	0	6	5972ACQ
03DEC15.D	ICAL120321_7	Cal	15	0	7	5972ACQ
03DEC17.D	ICAL120321_8	Cal	17	0	8	5972ACQ
03DEC19.D	ICV120321	QC	19	0	QC	5972ACQ

Quantitation Results

Compound: Dibromofluoromethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
03DEC05.D	Blank	Fluorobenzene	6.269	243769	978236	0.2492	249.7791		
03DEC06.D	Calibration	Fluorobenzene	6.274	2726	943754	0.0029	2.8953	2.5000	115.8
03DEC07.D	Calibration	Fluorobenzene	6.273	11178	970574	0.0115	11.5440	12.5000	92.4
03DEC08.D	Calibration	Fluorobenzene	6.269	24348	980768	0.0248	24.8839	25.0000	99.5
03DEC09.D	Calibration	Fluorobenzene	6.268	48713	975157	0.0500	50.0716	50.0000	100.1
03DEC11.D	Calibration	Fluorobenzene	6.274	132968	1007824	0.1319	132.2464	125.0000	105.8
03DEC13.D	Calibration	Fluorobenzene	6.269	257488	1013135	0.2541	254.7481	250.0000	101.9
03DEC15.D	Calibration	Fluorobenzene	6.262	387572	1047274	0.3701	370.9483	375.0000	98.9
03DEC17.D	Calibration	Fluorobenzene	6.263	513268	1015215	0.5056	506.7660	500.0000	101.4
03DEC19.D	QC	Fluorobenzene	6.269	239776	975366	0.2458	246.4106	250.0000	

Compound: 1,2-Dichloroethane-d4

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
03DEC05.D	Blank	Fluorobenzene	6.642	87169	978236	0.0891	233.0223		
03DEC06.D	Calibration	Fluorobenzene	6.641	1796	943754	0.0019	4.9770	2.5000	199.1
03DEC07.D	Calibration	Fluorobenzene	6.646	5316	970574	0.0055	14.3230	12.5000	114.6
03DEC08.D	Calibration	Fluorobenzene	6.647	9326	980768	0.0095	24.8661	25.0000	99.5
03DEC09.D	Calibration	Fluorobenzene	6.640	19183	975157	0.0197	51.4424	50.0000	102.9
03DEC11.D	Calibration	Fluorobenzene	6.647	49215	1007824	0.0488	127.7003	125.0000	102.2
03DEC13.D	Calibration	Fluorobenzene	6.647	92587	1013135	0.0914	238.9801	250.0000	95.6
03DEC15.D	Calibration	Fluorobenzene	6.640	138536	1047274	0.1323	345.9245	375.0000	92.2
03DEC17.D	Calibration	Fluorobenzene	6.641	180654	1015215	0.1779	465.3381	500.0000	93.1

Compound: 1,2-Dichloroethane-d4

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
03DEC19.D	QC	Fluorobenzene	6.641	85131	975366	0.0873	228.2439	250.0000	

Compound: Benzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
03DEC05.D	Blank	Fluorobenzene			978236		ND		
03DEC06.D	Calibration	Fluorobenzene	6.688	9610	943754	0.0102	2.4439	2.5000	97.8
03DEC07.D	Calibration	Fluorobenzene	6.687	48600	970574	0.0501	12.0178	12.5000	96.1
03DEC08.D	Calibration	Fluorobenzene	6.683	98698	980768	0.1006	24.1524	25.0000	96.6
03DEC09.D	Calibration	Fluorobenzene	6.687	204266	975157	0.2095	50.2736	50.0000	100.5
03DEC11.D	Calibration	Fluorobenzene	6.683	549256	1007824	0.5450	130.8003	125.0000	104.6
03DEC13.D	Calibration	Fluorobenzene	6.683	1079907	1013135	1.0659	255.8218	250.0000	102.3
03DEC15.D	Calibration	Fluorobenzene	6.681	1635422	1047274	1.5616	374.7900	375.0000	99.9
03DEC17.D	Calibration	Fluorobenzene	6.682	2157964	1015215	2.1256	510.1580	500.0000	102.0
03DEC19.D	QC	Fluorobenzene	6.688	465506	975366	0.4773	114.5450	125.0000	

Compound: 1,2-Dichloroethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
03DEC05.D	Blank	Fluorobenzene			978236		ND		
03DEC06.D	Calibration	Fluorobenzene	6.724	1534	943754	0.0016	2.1843	2.5000	87.4
03DEC07.D	Calibration	Fluorobenzene	6.723	8710	970574	0.0090	12.0637	12.5000	96.5
03DEC08.D	Calibration	Fluorobenzene	6.730	17102	980768	0.0174	23.4408	25.0000	93.8
03DEC09.D	Calibration	Fluorobenzene	6.728	36955	975157	0.0379	50.9438	50.0000	101.9
03DEC11.D	Calibration	Fluorobenzene	6.729	100874	1007824	0.1001	134.5510	125.0000	107.6
03DEC13.D	Calibration	Fluorobenzene	6.724	197450	1013135	0.1949	261.9884	250.0000	104.8
03DEC15.D	Calibration	Fluorobenzene	6.728	298933	1047274	0.2854	383.7124	375.0000	102.3
03DEC17.D	Calibration	Fluorobenzene	6.729	399151	1015215	0.3932	528.5323	500.0000	105.7
03DEC19.D	QC	Fluorobenzene	6.729	85508	975366	0.0877	117.8505	125.0000	

Compound: Toluene-d8

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
03DEC05.D	Blank	Chlorobenzene-d5	8.664	875349	301164	2.9066	236.5519		
03DEC06.D	Calibration	Chlorobenzene-d5	8.664	10585	300204	0.0353	2.8696	2.5000	114.8
03DEC07.D	Calibration	Chlorobenzene-d5	8.663	43443	305500	0.1422	11.5733	12.5000	92.6
03DEC08.D	Calibration	Chlorobenzene-d5	8.664	87835	307040	0.2861	23.2820	25.0000	93.1
03DEC09.D	Calibration	Chlorobenzene-d5	8.663	179538	293072	0.6126	49.8575	50.0000	99.7
03DEC11.D	Calibration	Chlorobenzene-d5	8.664	475751	301719	1.5768	128.3293	125.0000	102.7
03DEC13.D	Calibration	Chlorobenzene-d5	8.664	922467	299610	3.0789	250.5779	250.0000	100.2
03DEC15.D	Calibration	Chlorobenzene-d5	8.662	1395369	311846	4.4745	364.1641	375.0000	97.1
03DEC17.D	Calibration	Chlorobenzene-d5	8.664	1836967	299661	6.1302	498.9067	500.0000	99.8
03DEC19.D	QC	Chlorobenzene-d5	8.664	855977	297342	2.8788	234.2901	250.0000	

Compound: Toluene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
03DEC05.D	Blank	Chlorobenzene-d5			301164		ND		
03DEC06.D	Calibration	Chlorobenzene-d5	8.731	5558	300204	0.0185	2.1896	2.5000	87.6
03DEC07.D	Calibration	Chlorobenzene-d5	8.730	30435	305500	0.0996	11.7823	12.5000	94.3
03DEC08.D	Calibration	Chlorobenzene-d5	8.732	61031	307040	0.1988	23.5085	25.0000	94.0
03DEC09.D	Calibration	Chlorobenzene-d5	8.730	129489	293072	0.4418	52.2550	50.0000	104.5
03DEC11.D	Calibration	Chlorobenzene-d5	8.731	343230	301719	1.1376	134.5404	125.0000	107.6
03DEC13.D	Calibration	Chlorobenzene-d5	8.731	664460	299610	2.2177	262.2903	250.0000	104.9
03DEC15.D	Calibration	Chlorobenzene-d5	8.730	1014549	311846	3.2534	384.7712	375.0000	102.6
03DEC17.D	Calibration	Chlorobenzene-d5	8.731	1323337	299661	4.4161	522.2878	500.0000	104.5
03DEC19.D	QC	Chlorobenzene-d5	8.731	294430	297342	0.9902	117.1104	125.0000	

Compound: Ethylbenzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
03DEC05.D	Blank	Chlorobenzene-d5			301164		ND		
03DEC06.D	Calibration	Chlorobenzene-d5	10.241	10013	300204	0.0334	2.3843	2.5000	95.4
03DEC07.D	Calibration	Chlorobenzene-d5	10.236	50572	305500	0.1655	11.8337	12.5000	94.7
03DEC08.D	Calibration	Chlorobenzene-d5	10.237	100976	307040	0.3289	23.5096	25.0000	94.0
03DEC09.D	Calibration	Chlorobenzene-d5	10.236	211275	293072	0.7209	51.5342	50.0000	103.1
03DEC11.D	Calibration	Chlorobenzene-d5	10.237	557740	301719	1.8485	132.1453	125.0000	105.7
03DEC13.D	Calibration	Chlorobenzene-d5	10.237	1079825	299610	3.6041	257.6433	250.0000	103.1
03DEC15.D	Calibration	Chlorobenzene-d5	10.235	1651315	311846	5.2953	378.5398	375.0000	100.9
03DEC17.D	Calibration	Chlorobenzene-d5	10.236	2161588	299661	7.2134	515.6612	500.0000	103.1
03DEC19.D	QC	Chlorobenzene-d5	10.236	486146	297342	1.6350	116.8779	125.0000	

Compound: m+p-Xylenes

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
03DEC05.D	Blank	Chlorobenzene-d5			301164		ND		
03DEC06.D	Calibration	Chlorobenzene-d5	10.350	7173	300204	0.0239	4.5241	5.0000	90.5
03DEC07.D	Calibration	Chlorobenzene-d5	10.355	37598	305500	0.1231	23.3024	25.0000	93.2
03DEC08.D	Calibration	Chlorobenzene-d5	10.351	76896	307040	0.2504	47.4193	50.0000	94.8
03DEC09.D	Calibration	Chlorobenzene-d5	10.355	161764	293072	0.5520	104.5090	100.0000	104.5
03DEC11.D	Calibration	Chlorobenzene-d5	10.355	427740	301719	1.4177	268.4257	250.0000	107.4
03DEC13.D	Calibration	Chlorobenzene-d5	10.355	822284	299610	2.7445	519.6511	500.0000	103.9
03DEC15.D	Calibration	Chlorobenzene-d5	10.354	1262087	311846	4.0471	766.2940	750.0000	102.2
03DEC17.D	Calibration	Chlorobenzene-d5	10.355	1637853	299661	5.4657	1034.8824	1000.0000	103.5
03DEC19.D	QC	Chlorobenzene-d5	10.355	362075	297342	1.2177	230.5625	250.0000	

Compound: o-Xylene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
03DEC05.D	Blank	Chlorobenzene-d5			301164		ND		
03DEC06.D	Calibration	Chlorobenzene-d5	10.743	3154	300204	0.0105	2.2501	2.5000	90.0
03DEC07.D	Calibration	Chlorobenzene-d5	10.743	16989	305500	0.0556	11.9099	12.5000	95.3

Compound: o-Xylene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
03DEC08.D	Calibration	Chlorobenzene-d5	10.744	33140	307040	0.1079	23.1158	25.0000	92.5
03DEC09.D	Calibration	Chlorobenzene-d5	10.743	71156	293072	0.2428	51.9982	50.0000	104.0
03DEC11.D	Calibration	Chlorobenzene-d5	10.743	188039	301719	0.6232	133.4741	125.0000	106.8
03DEC13.D	Calibration	Chlorobenzene-d5	10.743	364992	299610	1.2182	260.9025	250.0000	104.4
03DEC15.D	Calibration	Chlorobenzene-d5	10.742	560487	311846	1.7973	384.9254	375.0000	102.6
03DEC17.D	Calibration	Chlorobenzene-d5	10.743	730880	299661	2.4390	522.3566	500.0000	104.5
03DEC19.D	QC	Chlorobenzene-d5	10.743	165978	297342	0.5582	119.5489	125.0000	

Compound: p-Bromofluorobenzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
03DEC05.D	Blank	1,4-Dichlorobenzene-d4	11.261	223429	192343	1.1616	250.5021		
03DEC06.D	Calibration	1,4-Dichlorobenzene-d4	11.266	3827	198498	0.0193	4.1577	2.5000	166.3
03DEC07.D	Calibration	1,4-Dichlorobenzene-d4	11.260	11660	201585	0.0578	12.4735	12.5000	99.8
03DEC08.D	Calibration	1,4-Dichlorobenzene-d4	11.261	22902	200565	0.1142	24.6244	25.0000	98.5
03DEC09.D	Calibration	1,4-Dichlorobenzene-d4	11.265	46121	193927	0.2378	51.2872	50.0000	102.6
03DEC11.D	Calibration	1,4-Dichlorobenzene-d4	11.261	124320	207050	0.6004	129.4833	125.0000	103.6
03DEC13.D	Calibration	1,4-Dichlorobenzene-d4	11.261	232375	202725	1.1463	247.1896	250.0000	98.9
03DEC15.D	Calibration	1,4-Dichlorobenzene-d4	11.264	365345	213801	1.7088	368.5035	375.0000	98.3
03DEC17.D	Calibration	1,4-Dichlorobenzene-d4	11.260	475104	208223	2.2817	492.0488	500.0000	98.4
03DEC19.D	QC	1,4-Dichlorobenzene-d4	11.260	222507	196540	1.1321	244.1411	250.0000	

Initial Calibration Report - GC/MS Ins

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Method Path	\\MASSHUNTER\Org\Data\Methods\Quant\SV5972\SV5972_120321_CAL
Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m
Batch Name	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin
Last Calib Update	12/6/2021 11:27:16 AM

Level Name	Calibration Files	Acq. Date-Time	Level Last Update Time
1	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC06.D	12/3/2021 1:11:00 PM	12/6/2021 11:27:16 AM
2	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC07.D	12/3/2021 1:37:00 PM	12/6/2021 11:27:16 AM
3	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC08.D	12/3/2021 2:02:00 PM	12/6/2021 11:27:16 AM
4	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC09.D	12/3/2021 2:28:00 PM	12/6/2021 11:27:16 AM
5	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC11.D	12/3/2021 3:19:00 PM	12/6/2021 11:27:16 AM
6	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC13.D	12/3/2021 4:09:00 PM	12/6/2021 11:27:16 AM
7	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC15.D	12/3/2021 5:00:00 PM	12/6/2021 11:27:16 AM
8	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC17.D	12/3/2021 5:51:00 PM	12/6/2021 11:27:16 AM

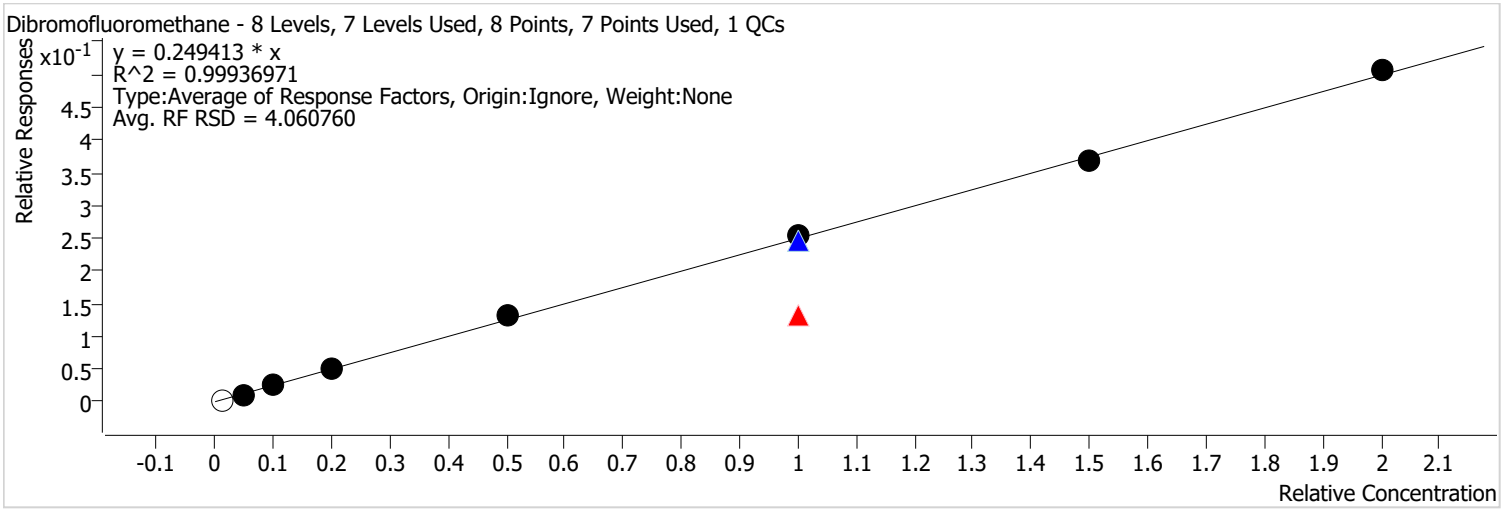
Compound	Curve Fit	1	2	3	4	5	6	7	8	Avg RF	%RSD
I Fluorobenzene				---------- ISTD ----------							
S Dibromofluoromethane	Avg RF		0.2303	0.2483	0.2498	0.2639	0.2541	0.2467	0.2528	0.2494	4.061
S 1,2-Dichloroethane-d4	Avg RF		0.1095	0.0951	0.0984	0.0977	0.0914	0.0882	0.0890	0.0956 #	7.677
T Benzene	Avg RF	1.0183	1.0015	1.0063	1.0473	1.0900	1.0659	1.0411	1.0628	1.0416	2.995
T 1,2-Dichloroethane	Avg RF	0.1625	0.1795	0.1744	0.1895	0.2002	0.1949	0.1903	0.1966	0.1860	6.901
I Chlorobenzene-d5				---------- ISTD ----------							
S Toluene-d8	Avg RF	3.5259	2.8441	2.8607	3.0630	3.1536	3.0789	2.9830	3.0651	3.0718	6.932
T Toluene	Avg RF	1.8514	1.9925	1.9877	2.2092	2.2752	2.2177	2.1689	2.2081	2.1138	7.092
T Ethylbenzene	Avg RF	3.3354	3.3108	3.2887	3.6045	3.6971	3.6041	3.5302	3.6067	3.4972	4.590
T m+p-Xylenes	Avg RF	1.1947	1.2307	1.2522	1.3799	1.4177	1.3723	1.3490	1.3664	1.3204	6.214
T o-Xylene	Avg RF	1.0506	1.1122	1.0793	1.2140	1.2465	1.2182	1.1982	1.2195	1.1673	6.403
I 1,4-Dichlorobenzene-d4				---------- ISTD ----------							
S p-Bromofluorobenzene	Avg RF		1.1568	1.1419	1.1891	1.2009	1.1463	1.1392	1.1409	1.1593	2.183

(RedFont and #) = Outlier Flag; (I) = Internal Standard; (T) = Target; (S) = Surrogate; (M) = Matrix Spike

Calibration Report

Batch Path	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin		
Analysis Time	12/8/2021 10:17 AM	**Analyst Name**	BL2000\steve
Report Time	12/8/2021 10:19:39 AM	**Reporter Name**	BL2000\steve
Last Calib Update	12/6/2021 11:27 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Dibromofluoromethane %RSE =



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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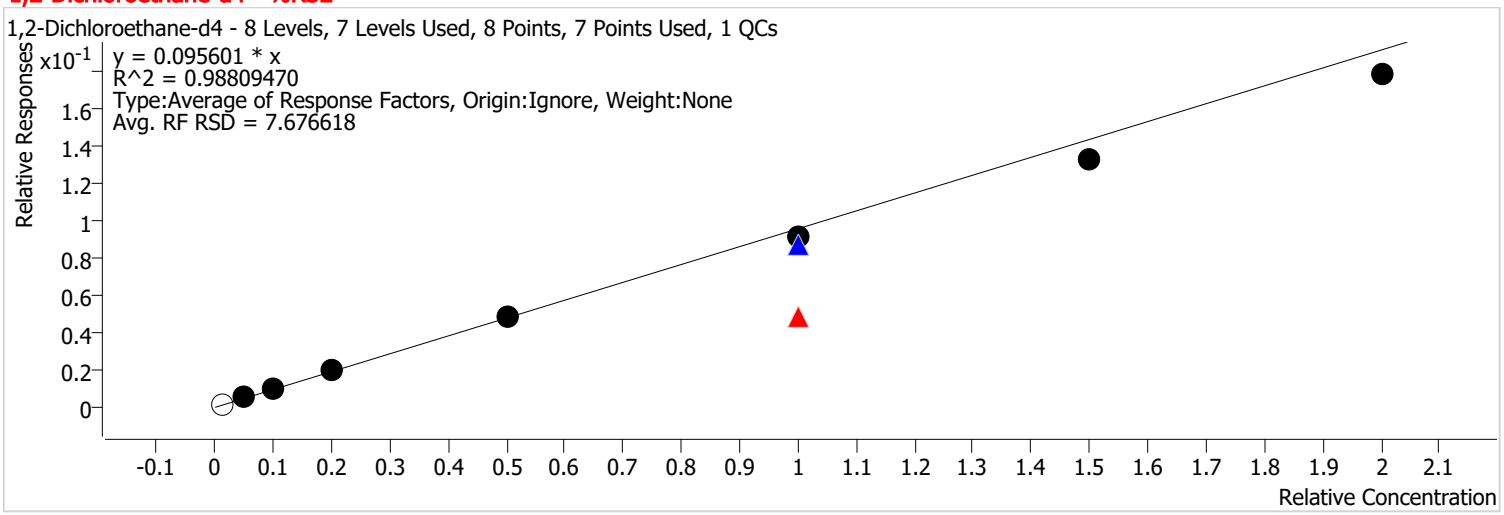
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC07.D	Calibration	2	x	11178	12.5000	0.2303	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC08.D	Calibration	3	x	24348	25.0000	0.2483	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC09.D	Calibration	4	x	48713	50.0000	0.2498	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC11.D	Calibration	5	x	132968	125.0000	0.2639	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\CC03DEC11.D	CC	CC	x	132968	250.0000	0.1319	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC19.D	QC	QC	x	239776	250.0000	0.2458	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC13.D	Calibration	6	x	257488	250.0000	0.2541	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC15.D	Calibration	7	x	387572	375.0000	0.2467	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC17.D	Calibration	8	x	513268	500.0000	0.2528	

Batch Path	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin		
Analysis Time	12/8/2021 10:17 AM	**Analyst Name**	BL2000\steve
Report Time	12/8/2021 10:19:43 AM	**Reporter Name**	BL2000\steve
Last Calib Update	12/6/2021 11:27 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,2-Dichloroethane-d4 %RSE =



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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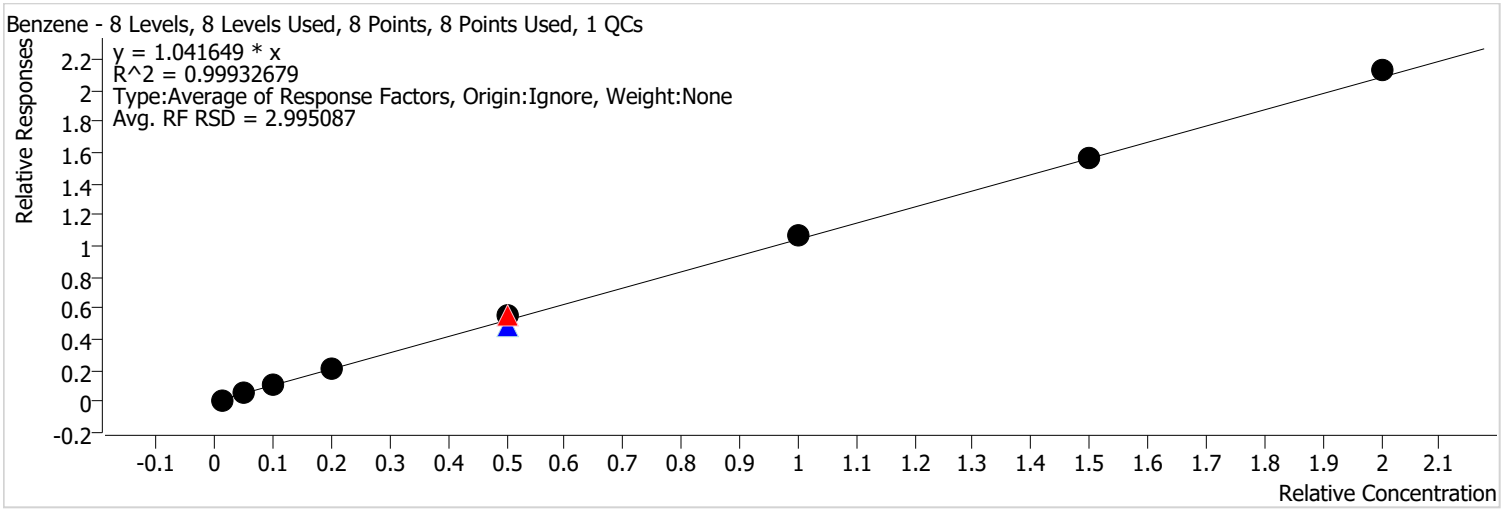
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC07.D	Calibration	2	x	5316	12.5000	0.1095	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC08.D	Calibration	3	x	9326	25.0000	0.0951	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC09.D	Calibration	4	x	19183	50.0000	0.0984	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC11.D	Calibration	5	x	49215	125.0000	0.0977	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\CC03DEC11.D	CC	CC	x	49215	250.0000	0.0488	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC19.D	QC	QC	x	85131	250.0000	0.0873	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC13.D	Calibration	6	x	92587	250.0000	0.0914	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC15.D	Calibration	7	x	138536	375.0000	0.0882	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC17.D	Calibration	8	x	180654	500.0000	0.0890	

Calibration Report

Batch Path	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin		
Analysis Time	12/8/2021 10:17 AM	**Analyst Name**	BL2000\steve
Report Time	12/8/2021 10:19:43 AM	**Reporter Name**	BL2000\steve
Last Calib Update	12/6/2021 11:27 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Benzene %RSE = 3.0



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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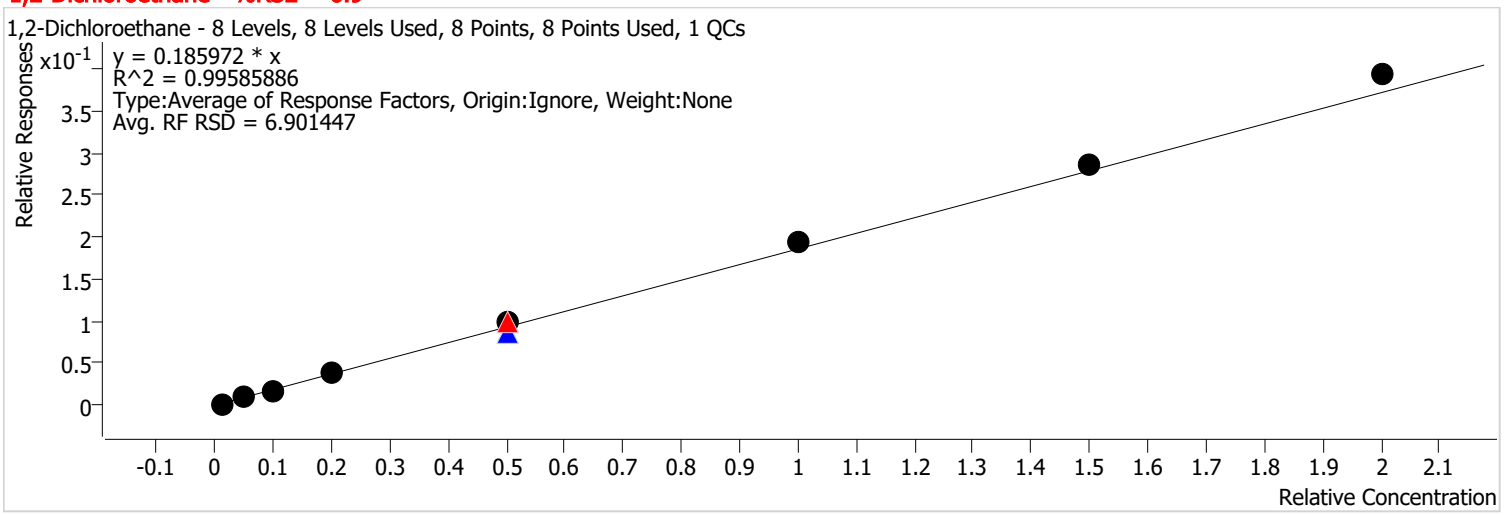
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC08.D	Calibration	3	x	98698	25.0000	1.0063	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC09.D	Calibration	4	x	204266	50.0000	1.0473	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\CC03DEC11.D	CC	CC	x	549256	125.0000	1.0900	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC19.D	QC	QC	x	465506	125.0000	0.9545	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC11.D	Calibration	5	x	549256	125.0000	1.0900	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC13.D	Calibration	6	x	1079907	250.0000	1.0659	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC15.D	Calibration	7	x	1635422	375.0000	1.0411	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC17.D	Calibration	8	x	2157964	500.0000	1.0628	

Batch Path	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin		
Analysis Time	12/8/2021 10:17 AM	**Analyst Name**	BL2000\steve
Report Time	12/8/2021 10:19:43 AM	**Reporter Name**	BL2000\steve
Last Calib Update	12/6/2021 11:27 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,2-Dichloroethane %RSE = 6.9



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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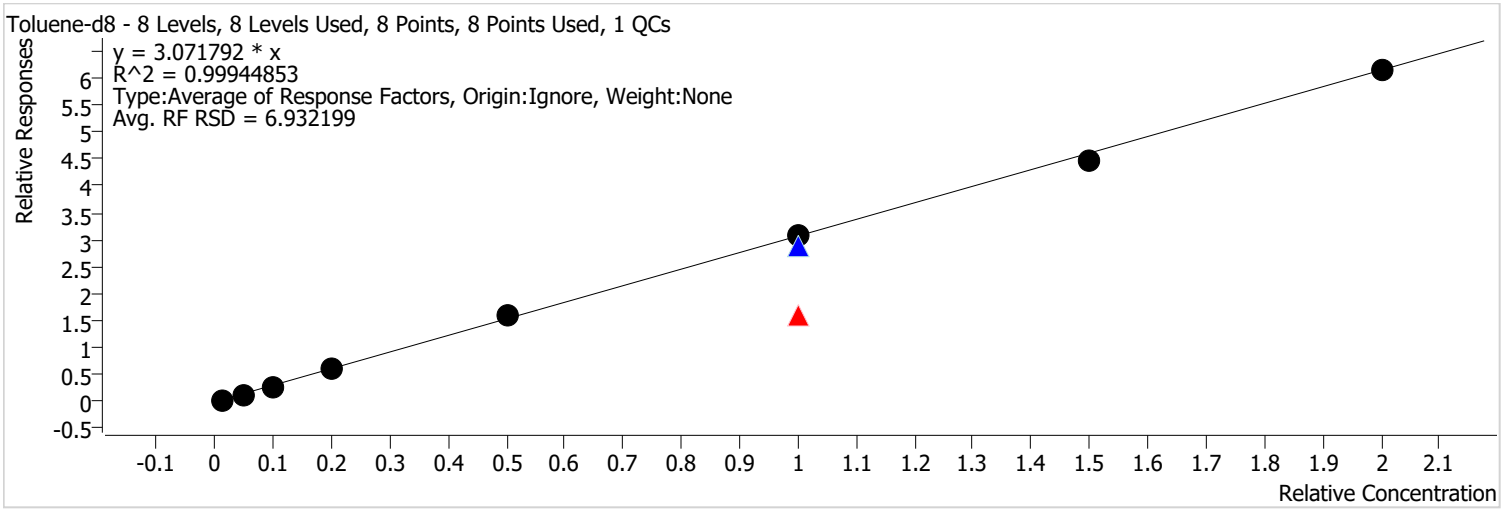
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC08.D	Calibration	3	x	17102	25.0000	0.1744	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC09.D	Calibration	4	x	36955	50.0000	0.1895	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\CC03DEC11.D	CC	CC	x	100874	125.0000	0.2002	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC19.D	QC	QC	x	85508	125.0000	0.1753	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC11.D	Calibration	5	x	100874	125.0000	0.2002	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC13.D	Calibration	6	x	197450	250.0000	0.1949	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC15.D	Calibration	7	x	298933	375.0000	0.1903	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC17.D	Calibration	8	x	399151	500.0000	0.1966	

Batch Path	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin		
Analysis Time	12/8/2021 10:17 AM	**Analyst Name**	BL2000\steve
Report Time	12/8/2021 10:19:43 AM	**Reporter Name**	BL2000\steve
Last Calib Update	12/6/2021 11:27 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Toluene-d8 %RSE =



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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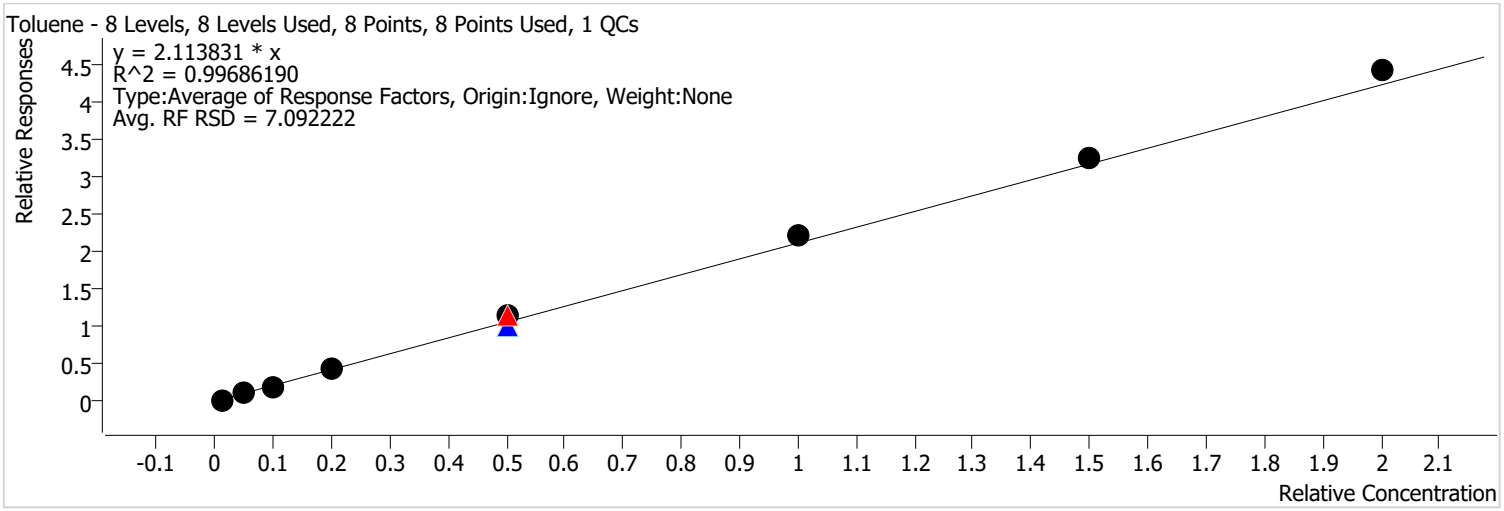
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC07.D	Calibration	2	x	43443	12.5000	2.8441	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC08.D	Calibration	3	x	87835	25.0000	2.8607	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC09.D	Calibration	4	x	179538	50.0000	3.0630	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC11.D	Calibration	5	x	475751	125.0000	3.1536	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\CC03DEC11.D	CC	CC	x	475751	250.0000	1.5768	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC19.D	QC	QC	x	855977	250.0000	2.8788	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC13.D	Calibration	6	x	922467	250.0000	3.0789	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC15.D	Calibration	7	x	1395369	375.0000	2.9830	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC17.D	Calibration	8	x	1836967	500.0000	3.0651	

Batch Path	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin		
Analysis Time	12/8/2021 10:17 AM	**Analyst Name**	BL2000\steve
Report Time	12/8/2021 10:19:43 AM	**Reporter Name**	BL2000\steve
Last Calib Update	12/6/2021 11:27 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Toluene %RSE = 7.1



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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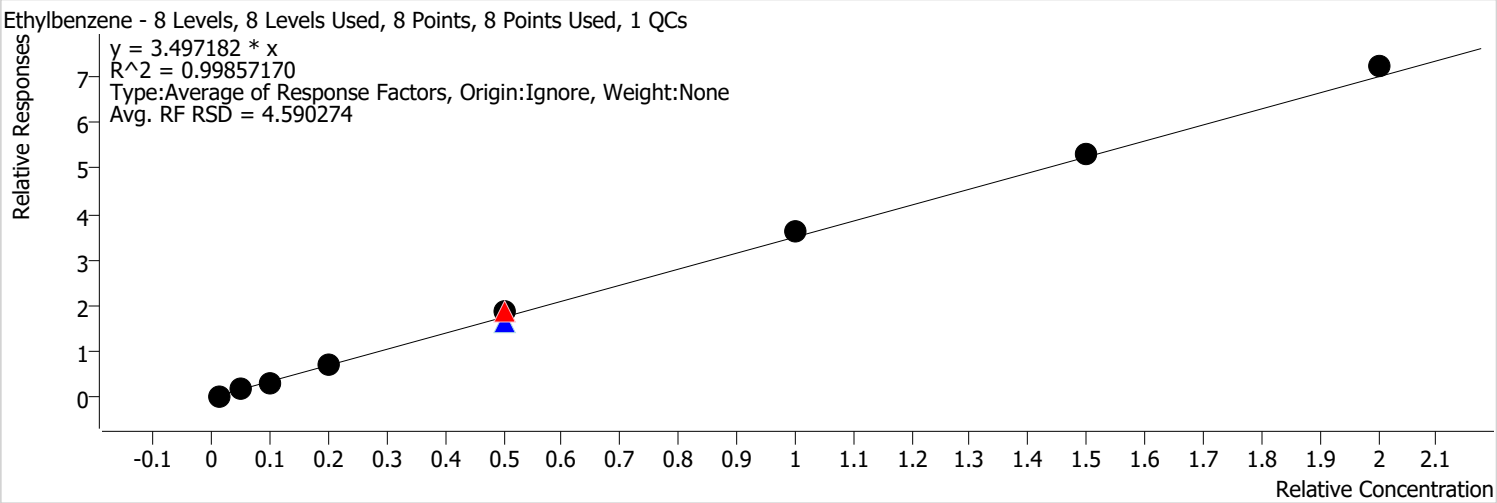
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC09.D	Calibration	4	x	129489	50.0000	2.2092	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\CC03DEC11.D	CC	CC	x	343230	125.0000	2.2752	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC19.D	QC	QC	x	294430	125.0000	1.9804	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC11.D	Calibration	5	x	343230	125.0000	2.2752	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC13.D	Calibration	6	x	664460	250.0000	2.2177	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC15.D	Calibration	7	x	1014549	375.0000	2.1689	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC17.D	Calibration	8	x	1323337	500.0000	2.2081	

Batch Path	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin		
Analysis Time	12/8/2021 10:17 AM	**Analyst Name**	BL2000\steve
Report Time	12/8/2021 10:19:43 AM	**Reporter Name**	BL2000\steve
Last Calib Update	12/6/2021 11:27 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Ethylbenzene %RSE = 4.6



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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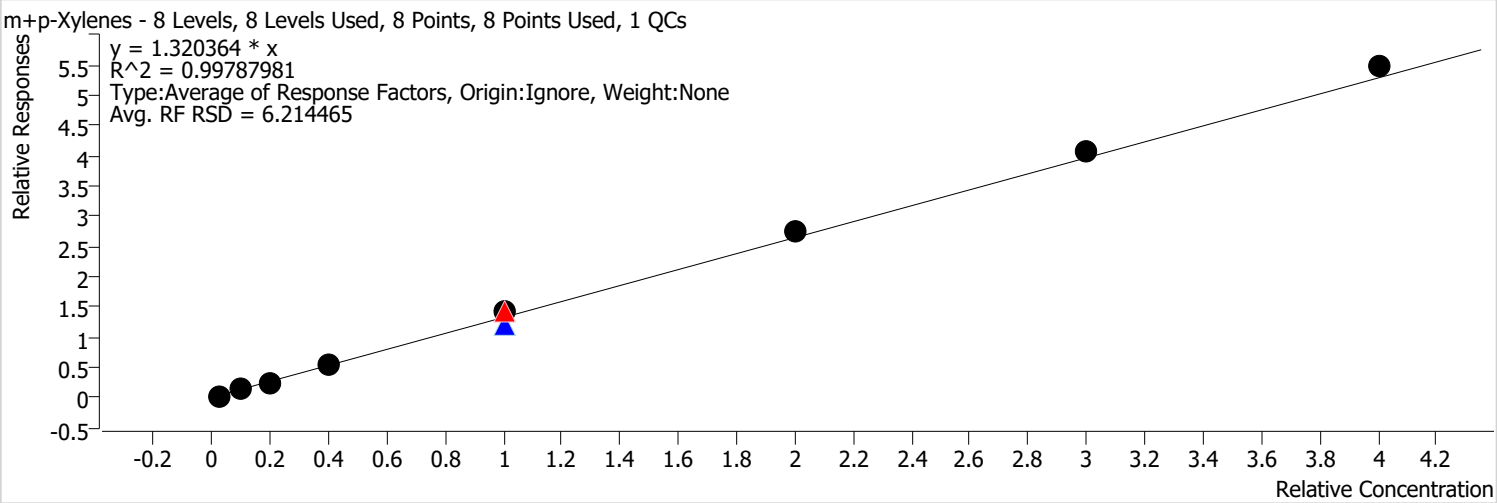
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC09.D	Calibration	4	x	211275	50.0000	3.6045	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\CC03DEC11.D	CC	CC	x	557740	125.0000	3.6971	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC19.D	QC	QC	x	486146	125.0000	3.2699	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC11.D	Calibration	5	x	557740	125.0000	3.6971	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC13.D	Calibration	6	x	1079825	250.0000	3.6041	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC15.D	Calibration	7	x	1651315	375.0000	3.5302	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC17.D	Calibration	8	x	2161588	500.0000	3.6067	

Batch Path	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin		
Analysis Time	12/8/2021 10:17 AM	**Analyst Name**	BL2000\steve
Report Time	12/8/2021 10:19:43 AM	**Reporter Name**	BL2000\steve
Last Calib Update	12/6/2021 11:27 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

m+p-Xylenes %RSE = 6.2



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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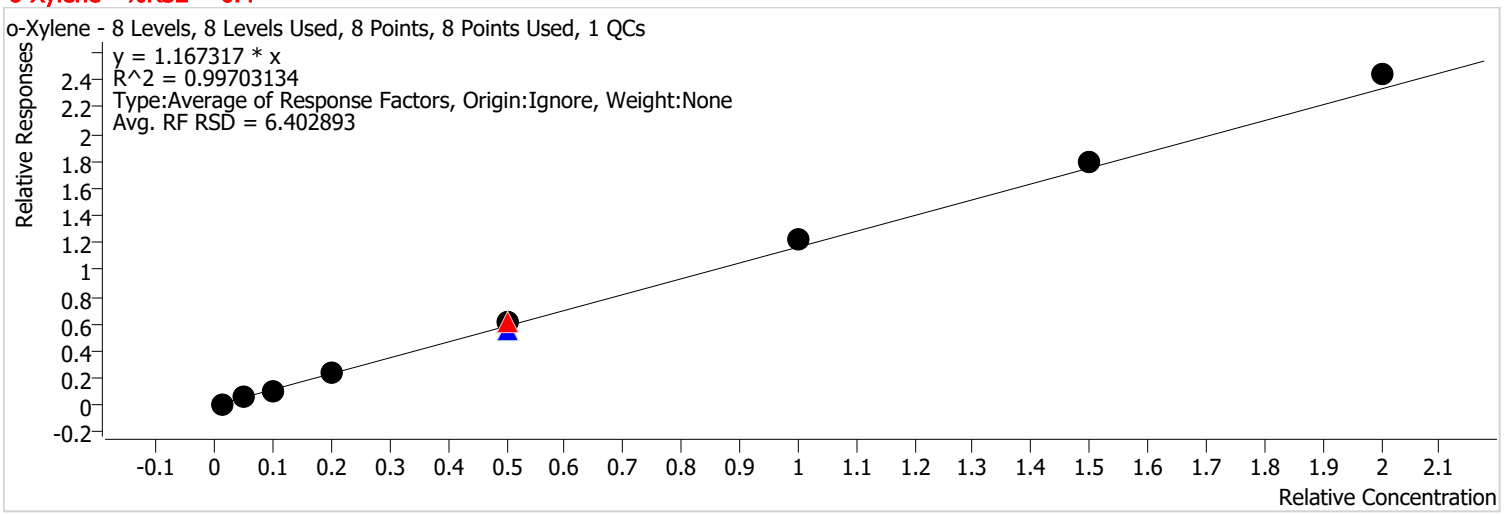
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC08.D	Calibration	3	x	76896	50.0000	1.2522	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC09.D	Calibration	4	x	161764	100.0000	1.3799	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\CC03DEC11.D	CC	CC	x	427740	250.0000	1.4177	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC19.D	QC	QC	x	362075	250.0000	1.2177	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC11.D	Calibration	5	x	427740	250.0000	1.4177	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC13.D	Calibration	6	x	822284	500.0000	1.3723	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC15.D	Calibration	7	x	1262087	750.0000	1.3490	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC17.D	Calibration	8	x	1637853	1000.0000	1.3664	

Batch Path	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin		
Analysis Time	12/8/2021 10:17 AM	**Analyst Name**	BL2000\steve
Report Time	12/8/2021 10:19:43 AM	**Reporter Name**	BL2000\steve
Last Calib Update	12/6/2021 11:27 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

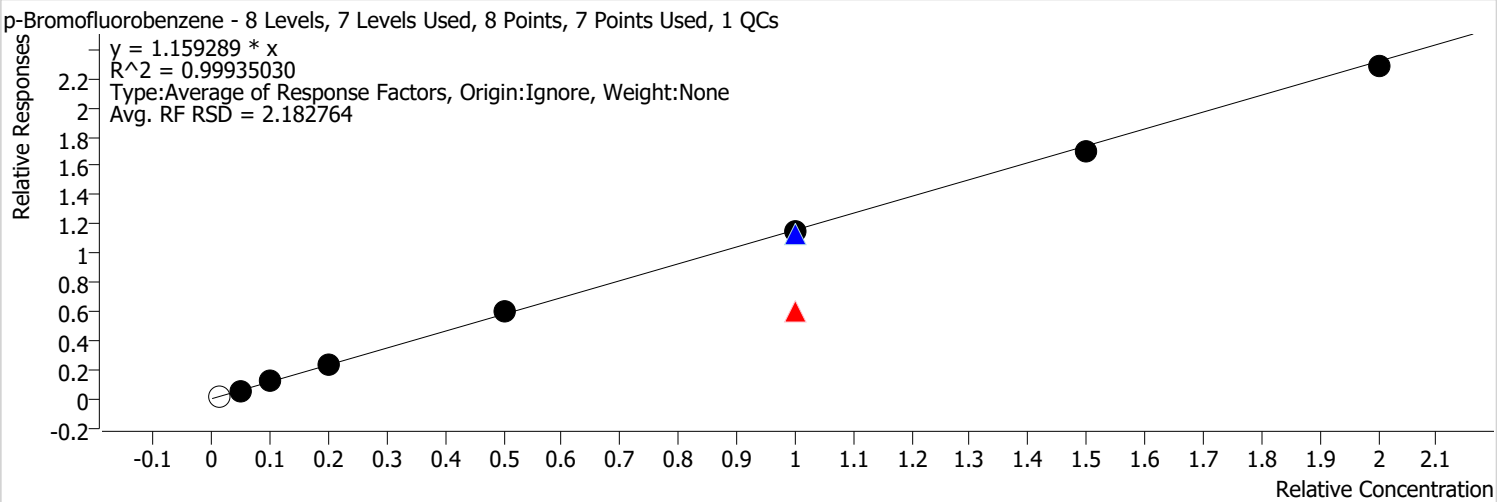
o-Xylene %RSE = 6.4



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC06.D	Calibration	1	x	3154	2.5000	1.0506	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC07.D	Calibration	2	x	16989	12.5000	1.1122	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC08.D	Calibration	3	x	33140	25.0000	1.0793	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC09.D	Calibration	4	x	71156	50.0000	1.2140	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\CC03DEC11.D	CC	CC	x	188039	125.0000	1.2465	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC19.D	QC	QC	x	165978	125.0000	1.1164	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC11.D	Calibration	5	x	188039	125.0000	1.2465	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC13.D	Calibration	6	x	364992	250.0000	1.2182	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC15.D	Calibration	7	x	560487	375.0000	1.1982	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC17.D	Calibration	8	x	730880	500.0000	1.2195	

Batch Path	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin		
Analysis Time	12/8/2021 10:17 AM	**Analyst Name**	BL2000\steve
Report Time	12/8/2021 10:19:43 AM	**Reporter Name**	BL2000\steve
Last Calib Update	12/6/2021 11:27 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

p-Bromofluorobenzene %RSE =



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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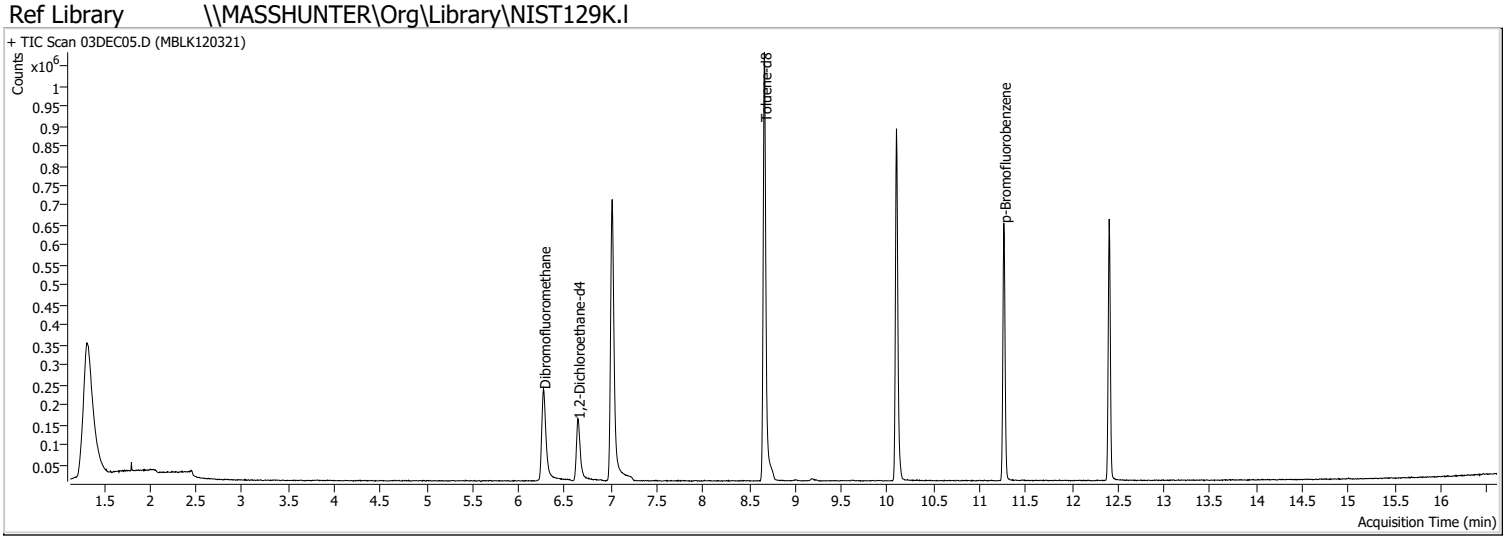
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC07.D	Calibration	2	x	11660	12.5000	1.1568	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC08.D	Calibration	3	x	22902	25.0000	1.1419	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC09.D	Calibration	4	x	46121	50.0000	1.1891	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC11.D	Calibration	5	x	124320	125.0000	1.2009	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\CC03DEC11.D	CC	CC	x	124320	250.0000	0.6004	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC19.D	QC	QC	x	222507	250.0000	1.1321	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC13.D	Calibration	6	x	232375	250.0000	1.1463	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC15.D	Calibration	7	x	365345	375.0000	1.1392	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC17.D	Calibration	8	x	475104	500.0000	1.1409	

Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

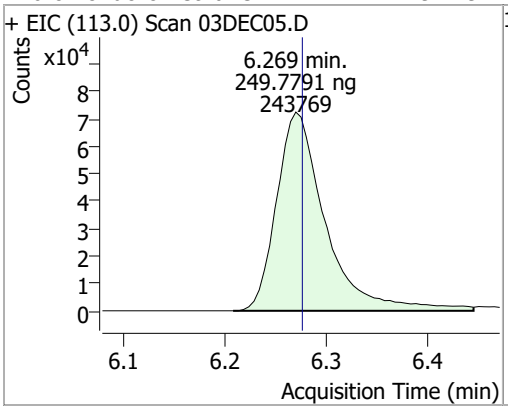
Data File	03DEC05.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/3/2021 12:46:00 PM
Sample Name	MBLK120321	Instrument	GC/MS Ins
Vial	5	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120321_8260B_624pt1_L4.batch.bin	Last Calib Update	12/6/2021 11:27:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

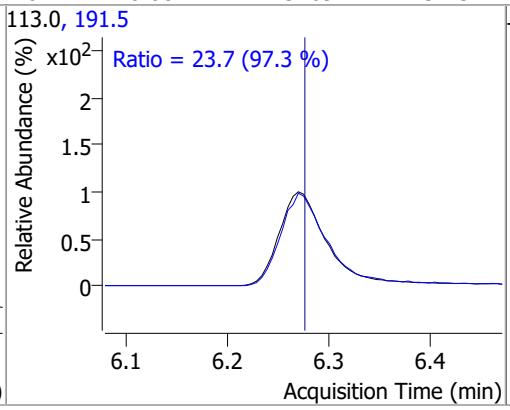


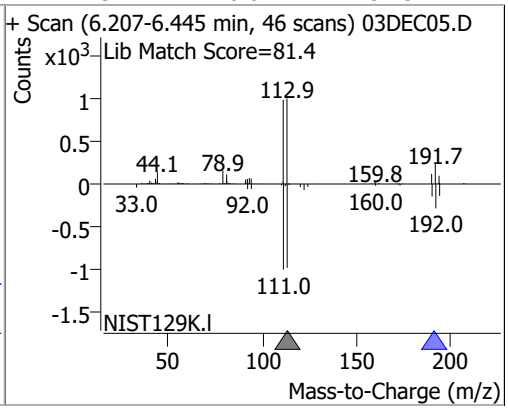
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.014	96.0	978236	250.0000	ng	0.000
M Chlorobenzene-d5	10.097	82.0	301164	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.404	152.0	192343	250.0000	ng	0.000
System Monitoring Compounds						
S Dibromofluoromethane	6.269	113.0	243769	249.7791	ng	-0.005
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 99.91%		
S 1,2-Dichloroethane-d4	6.642	67.0	87169	233.0223	ng	-0.005
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 93.21%		
S Toluene-d8	8.664	98.0	875349	236.5519	ng	0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 94.62%		
S p-Bromofluorobenzene	11.261	95.0	223429	250.5021	ng	0.000
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 100.20%		
Target Compounds						**QValue**
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Toluene	0.000		0	N.D.		
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	0.000		0	N.D.		
T o-Xylene	0.000		0	N.D.		

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

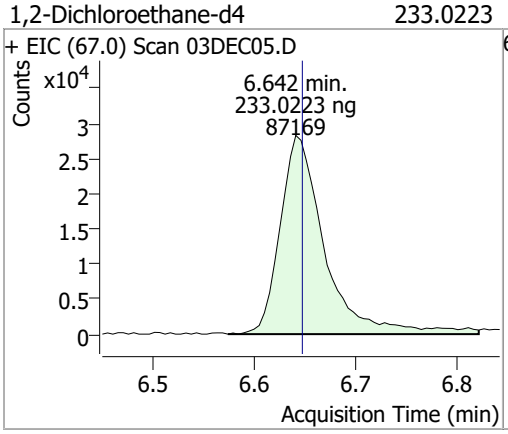
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	249.7791	6.27	0.00	243769	191.5	23.7	0.0	54.3

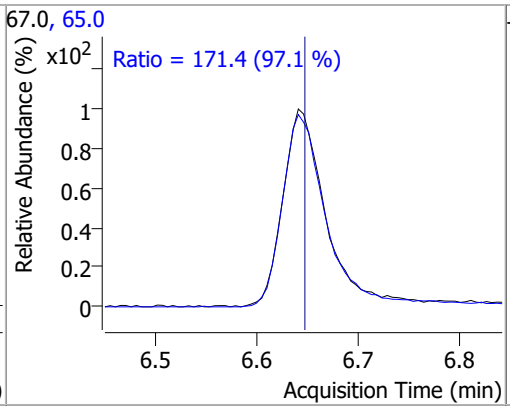


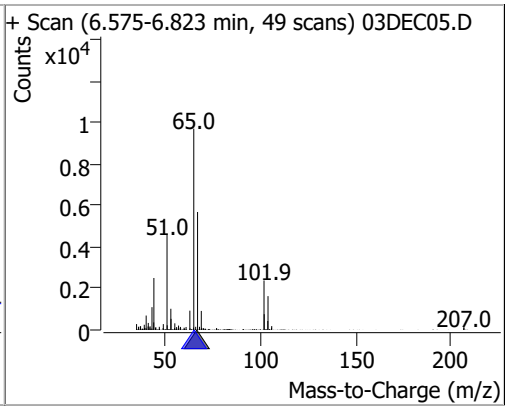




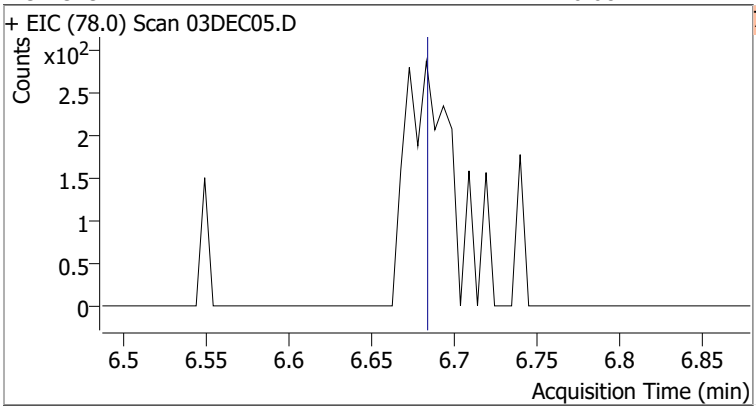
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	233.0223	6.64	0.00	87169	65.0	171.4	146.6	206.6

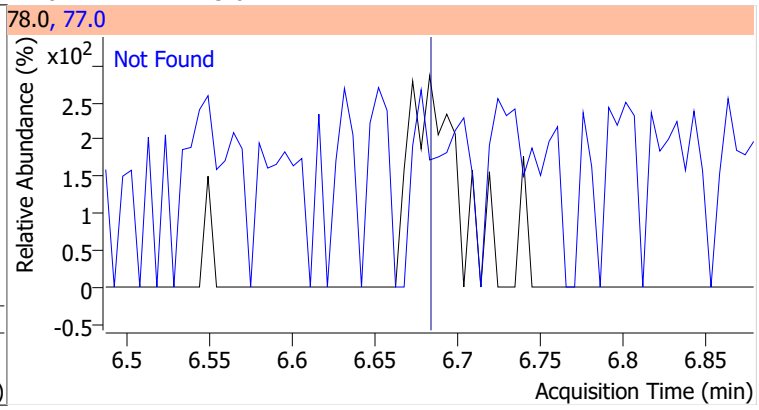




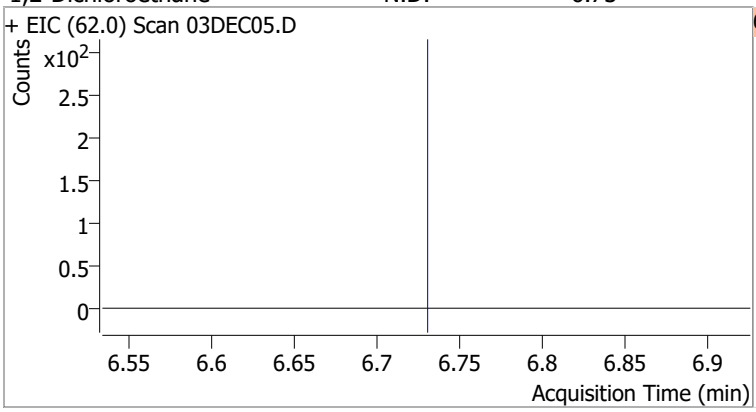


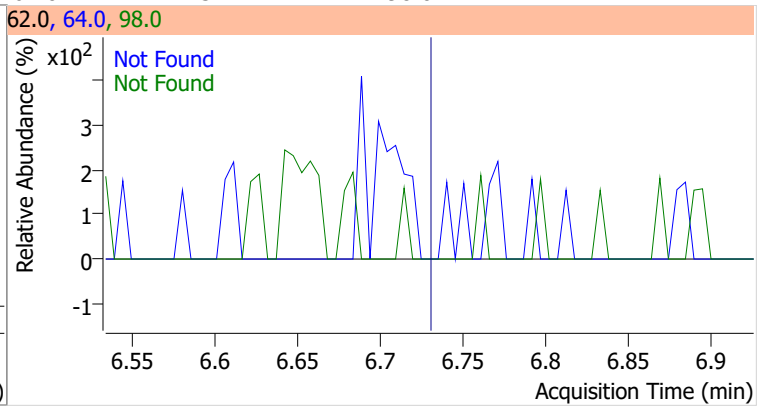
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.68	77.0	23.6



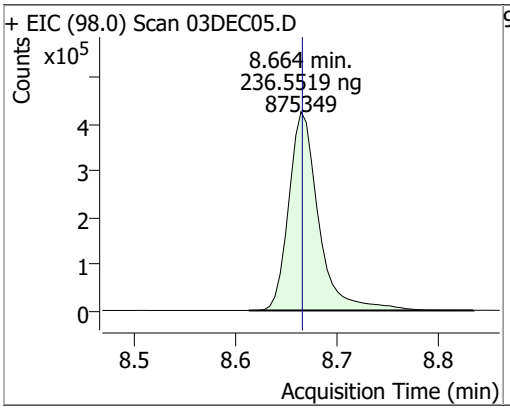


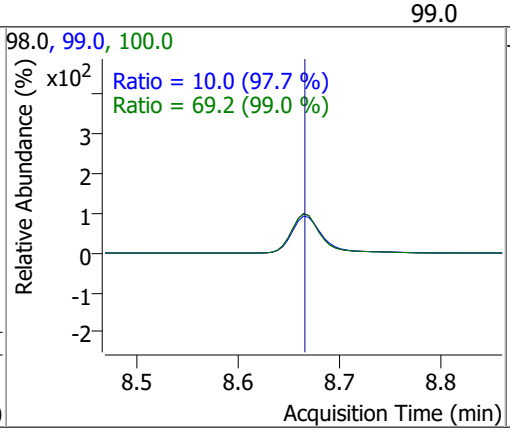
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

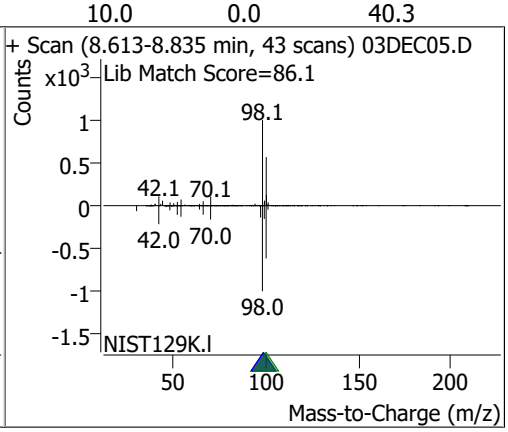




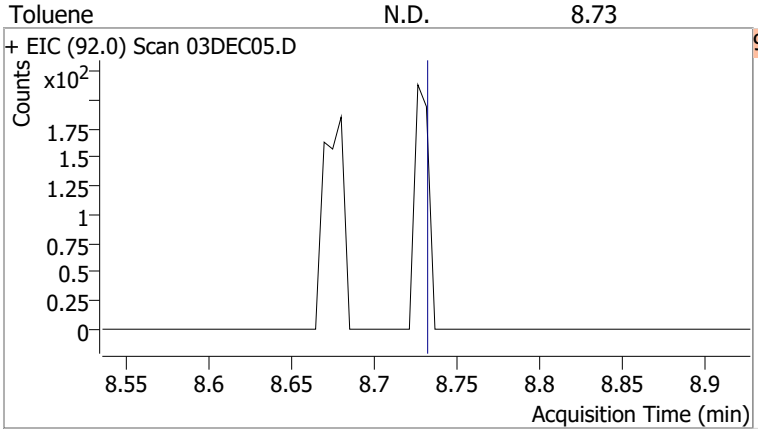
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	236.5519	8.66	0.00	875349	100.0	69.2	39.9	99.9
					99.0	10.0	0.0	40.3

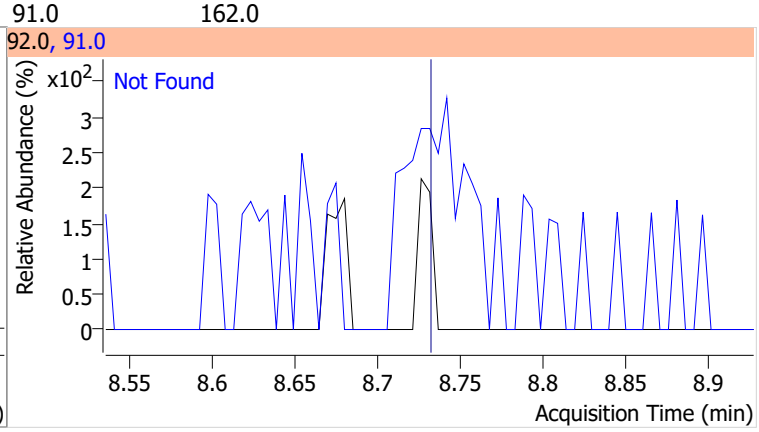




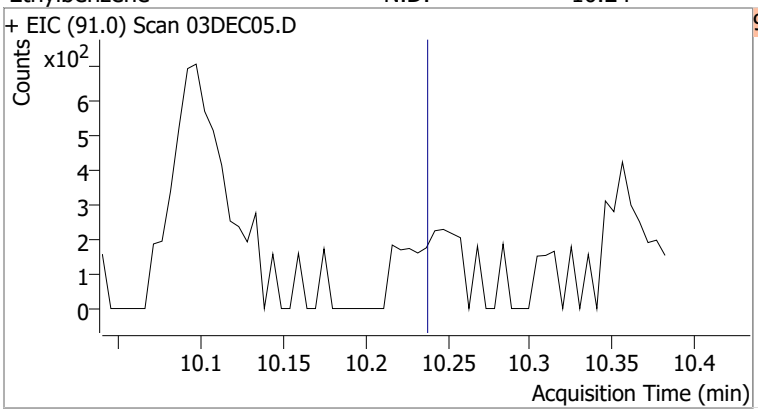


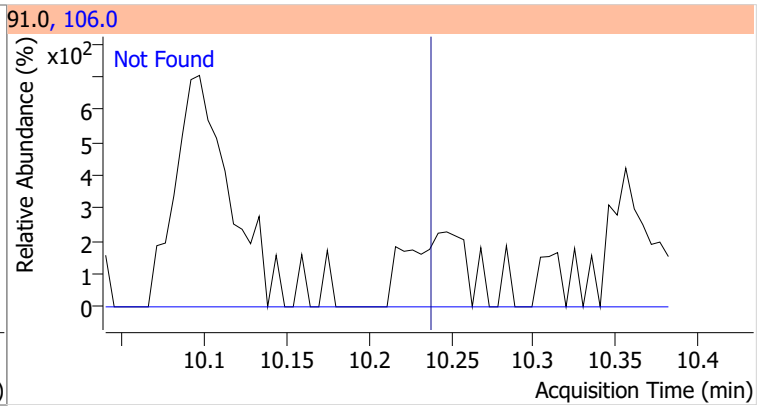
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.73	91.0	162.0



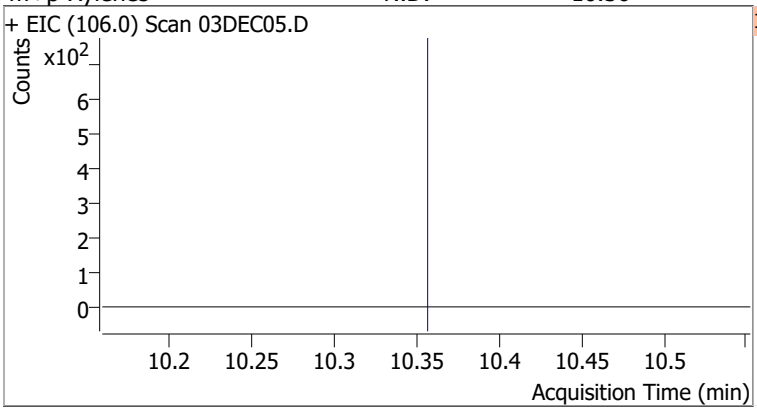


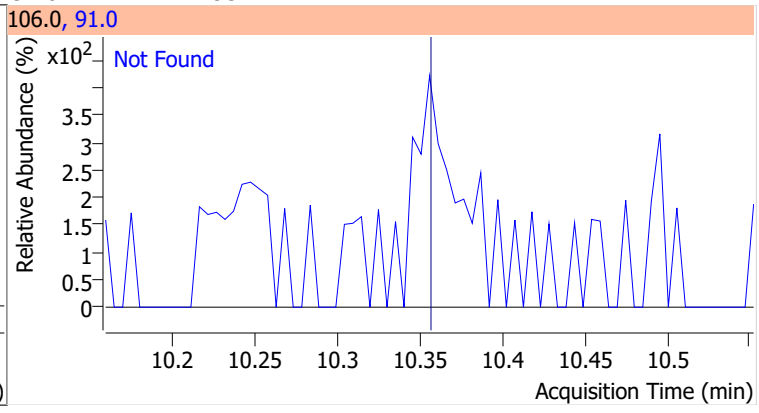
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	10.24	106.0	30.4



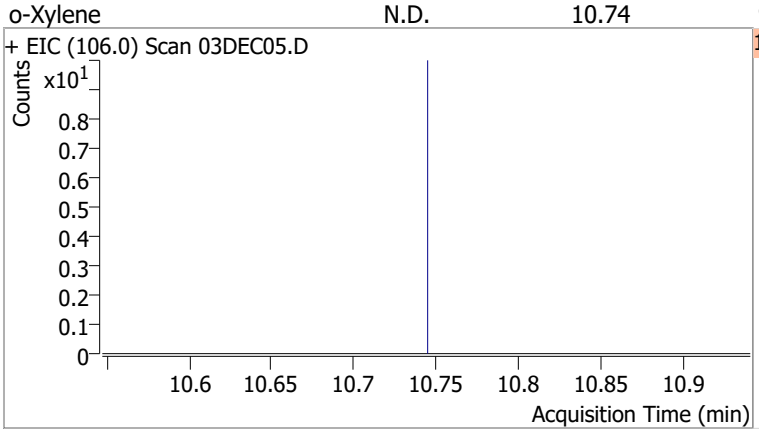


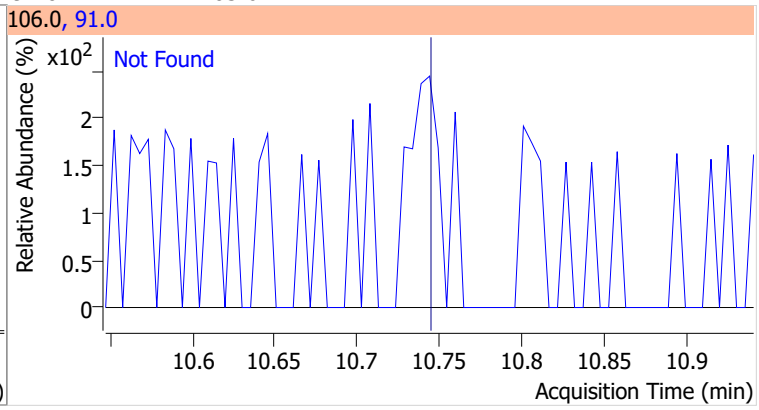
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.36	91.0	193.7



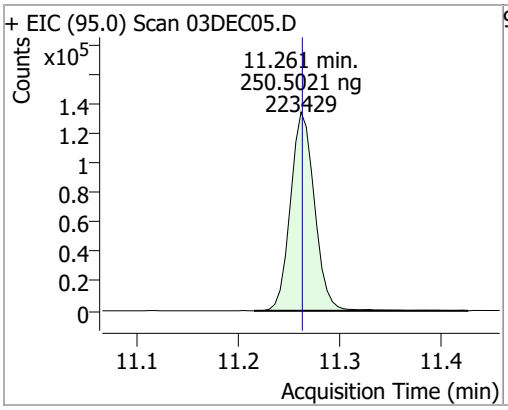


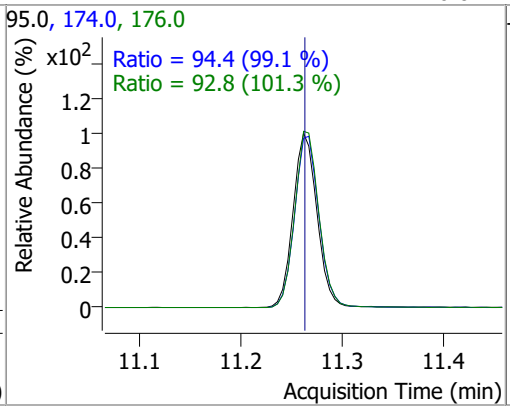
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.74	91.0	203.6

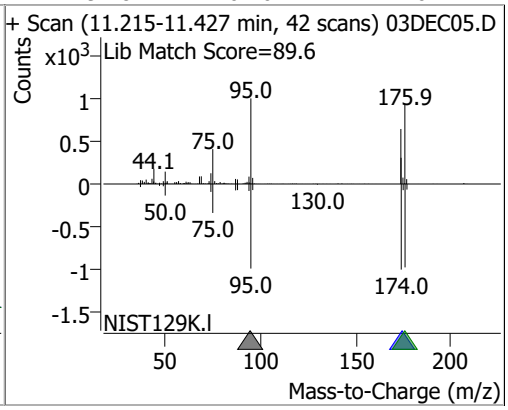




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	250.5021	11.26	0.00	223429	174.0	94.4	65.3	125.3
					176.0	92.8	61.6	121.6

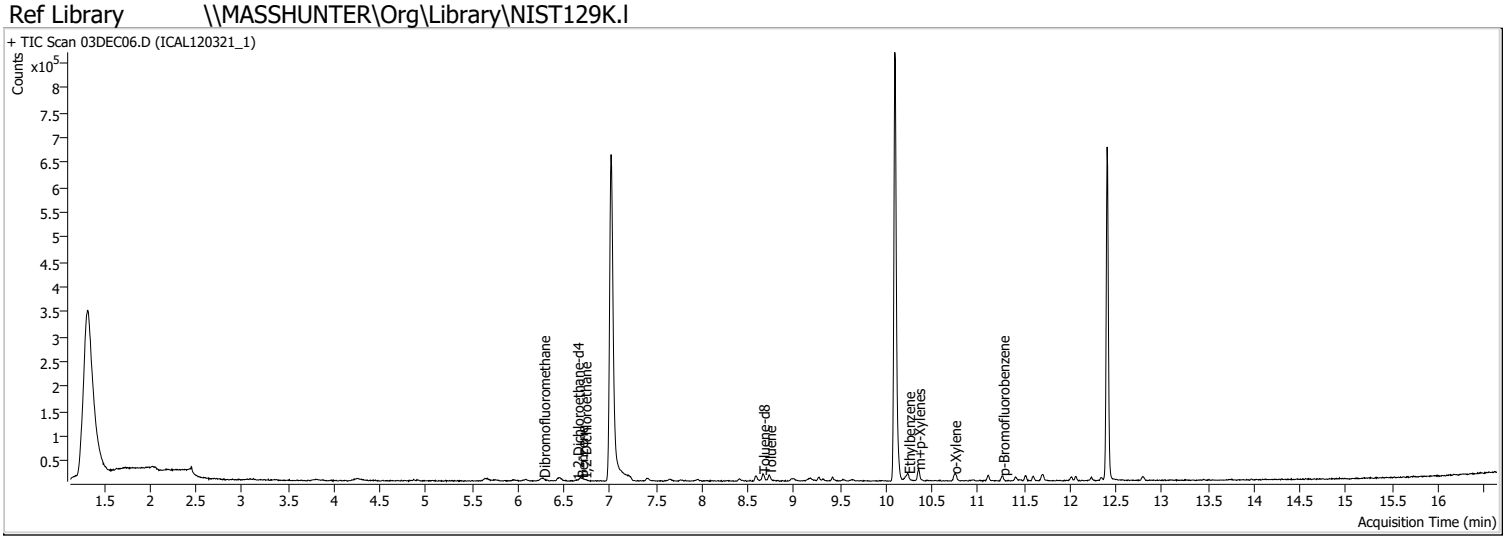






Quantitation Results Report (QT Reviewed)

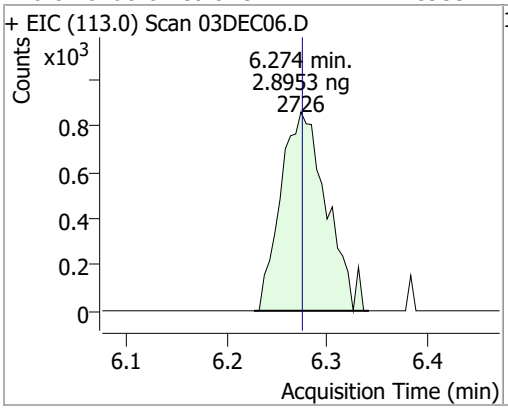
Data File	03DEC06.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/3/2021 1:11:00 PM
Sample Name	ICAL120321_1	Instrument	GC/MS Ins
Vial	6	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120321_8260B_624pt1_L4.batch.bin	Last Calib Update	12/6/2021 11:27:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

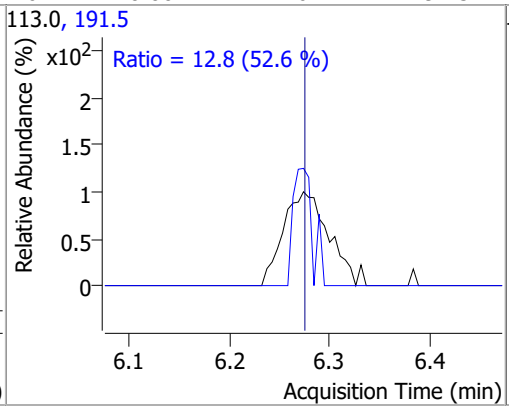


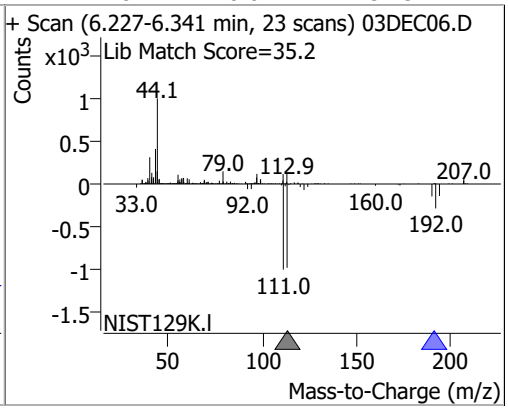
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	7.013	96.0	943754	250.0000	ng		0.000
M Chlorobenzene-d5	10.096	82.0	300204	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.404	152.0	198498	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	6.274	113.0	2726	2.8953	ng		0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 1.16%		*	
S 1,2-Dichloroethane-d4	6.641	67.0	1796	4.9770	ng	#m	-0.006
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 1.99%		*	
S Toluene-d8	8.664	98.0	10585	2.8696	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 1.15%		*	
S p-Bromofluorobenzene	11.266	95.0	3827	4.1577	ng		0.005
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 1.66%		*	
Target Compounds							**QValue**
T Benzene	6.688	78.0	9610	2.4439	ng		69
T 1,2-Dichloroethane	6.724	62.0	1534	2.1843	ng	m	75
T Toluene	8.731	92.0	5558	2.1896	ng		79
T Ethylbenzene	10.241	91.0	10013	2.3843	ng		97
T m+p-Xylenes	10.350	106.0	7173	4.5241	ng		97
T o-Xylene	10.743	106.0	3154	2.2501	ng		86

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

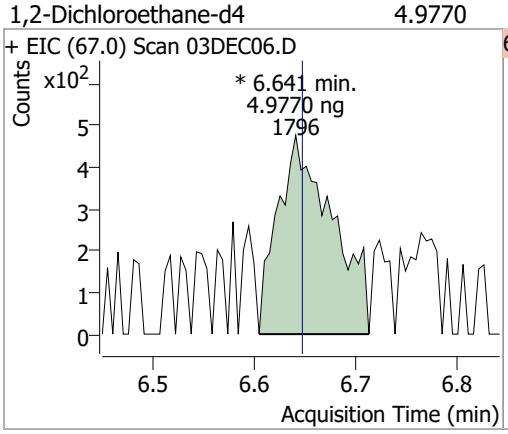
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	2.8953	6.27	0.00	2726	191.5	12.8	0.0	54.3

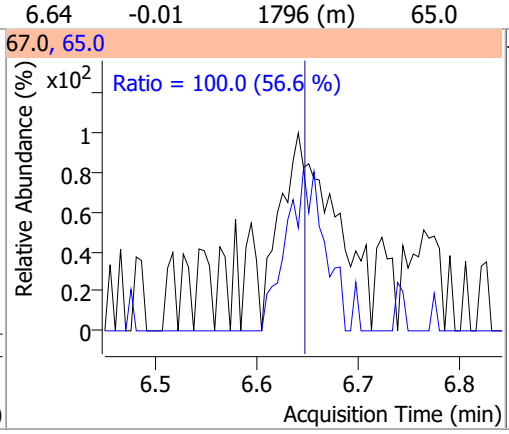


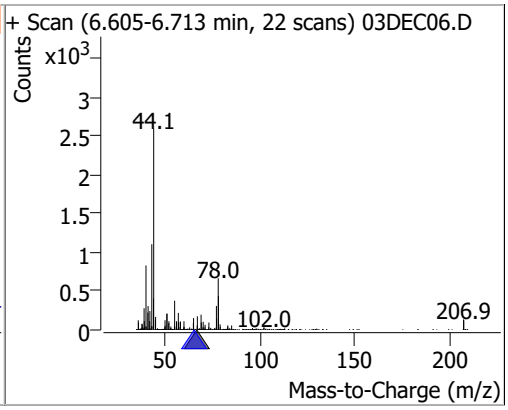




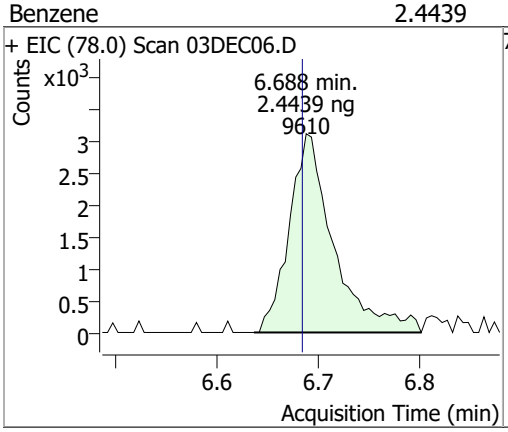
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	4.9770	6.64	-0.01	1796 (m)	65.0	100.0	146.6	206.6

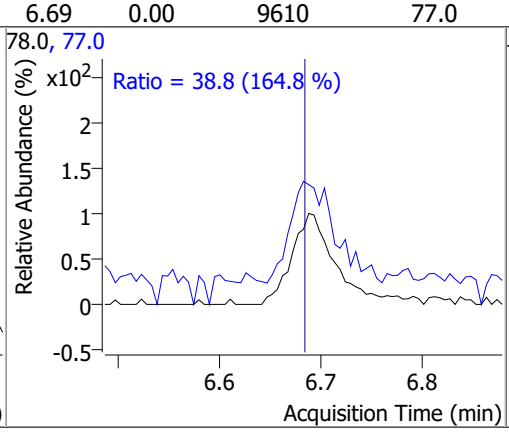


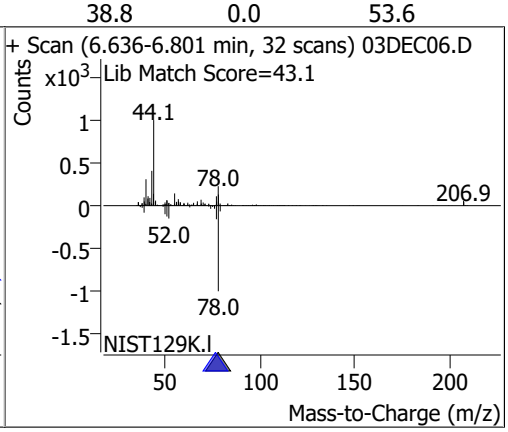




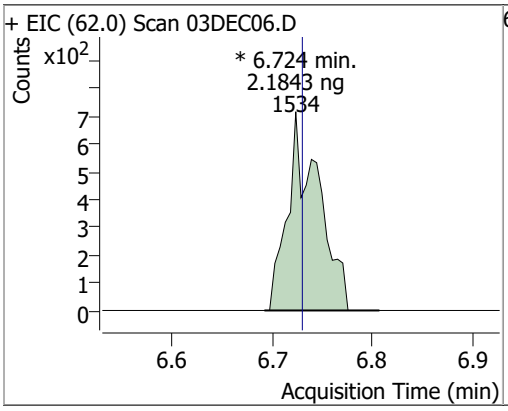
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	2.4439	6.69	0.00	9610	77.0	38.8	0.0	53.6

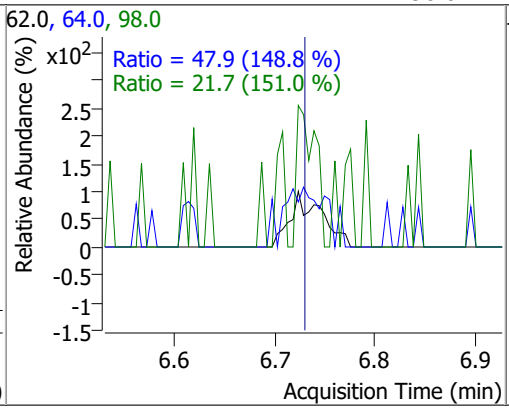


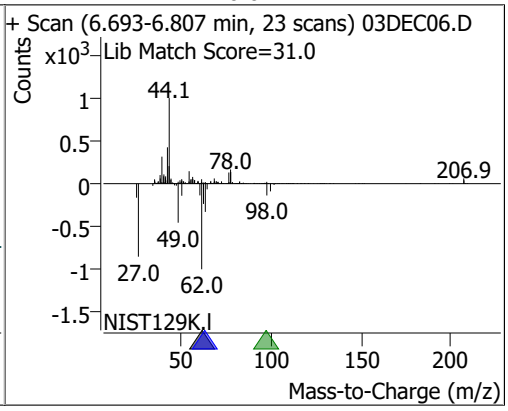




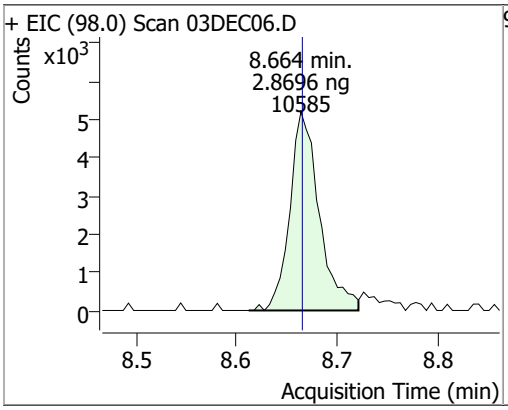
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	2.1843	6.72	-0.01	1534 (m)	64.0	47.9	2.2	62.2
					98.0	21.7	0.0	44.4

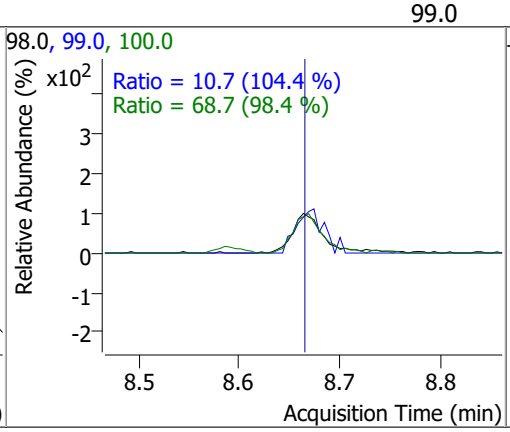


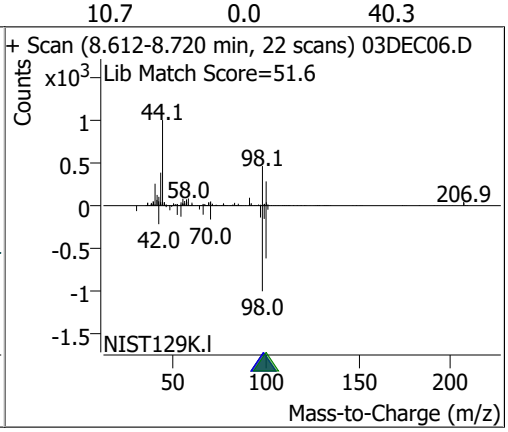




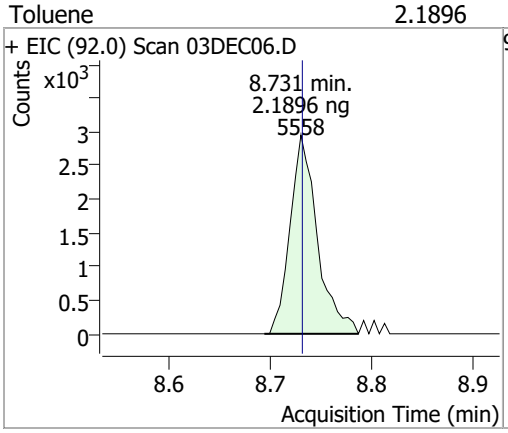
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	2.8696	8.66	0.00	10585	100.0	68.7	39.9	99.9
					99.0	10.7	0.0	40.3

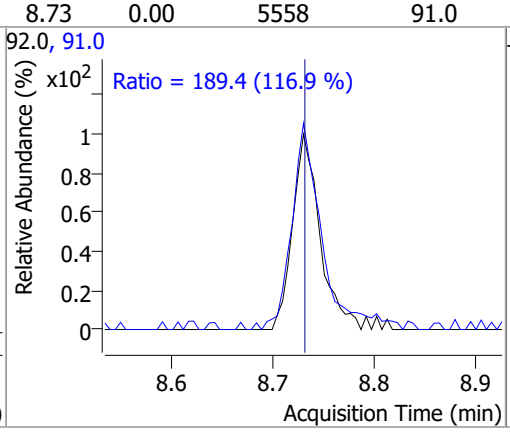


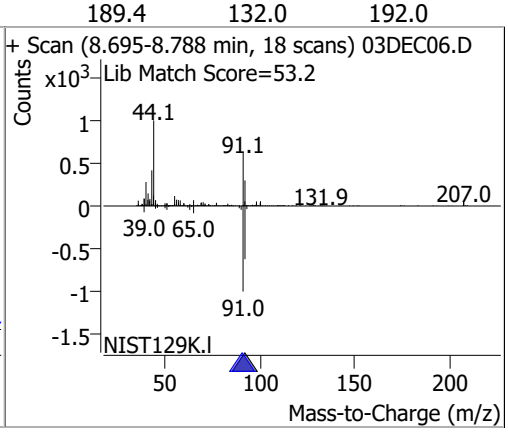




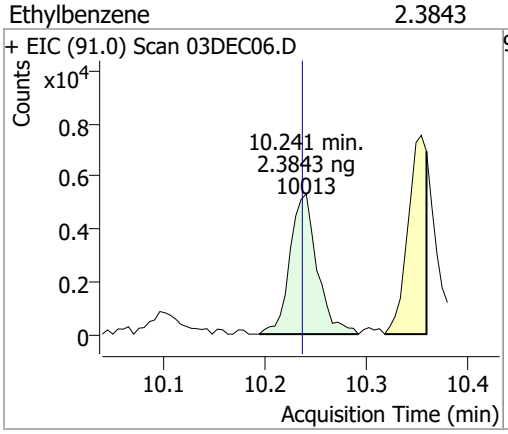
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	2.1896	8.73	0.00	5558	91.0	189.4	132.0	192.0

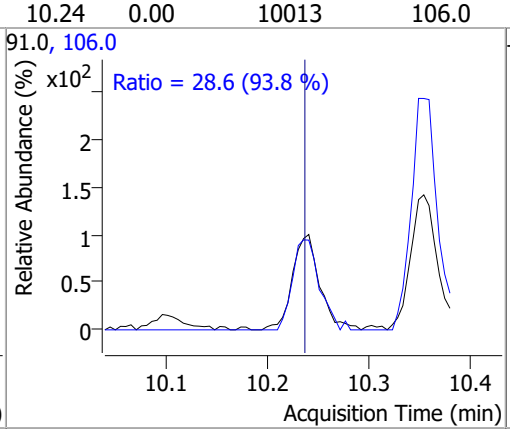


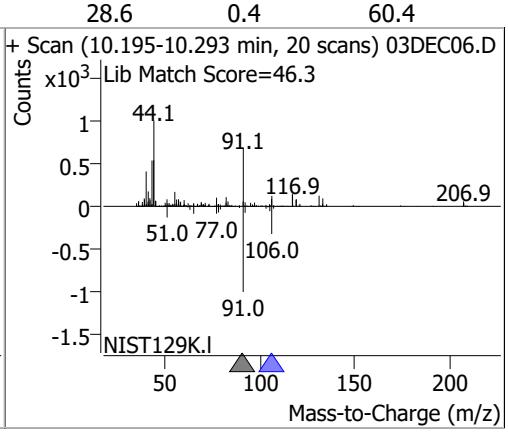




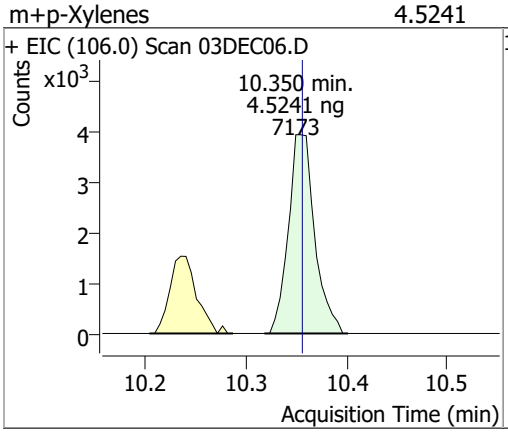
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	2.3843	10.24	0.00	10013	106.0	28.6	0.4	60.4

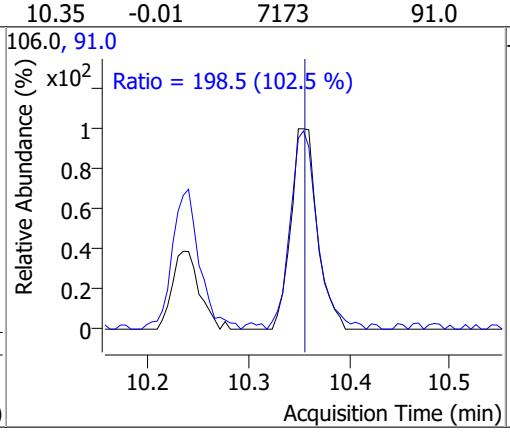


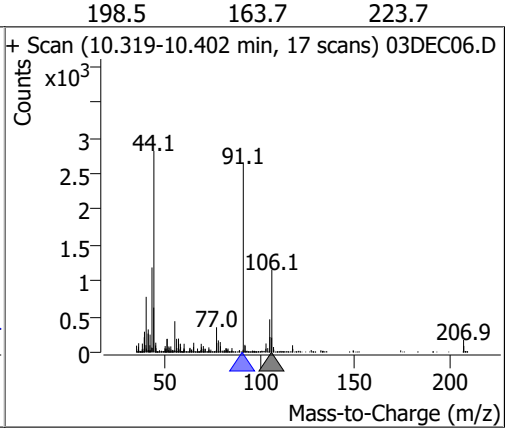




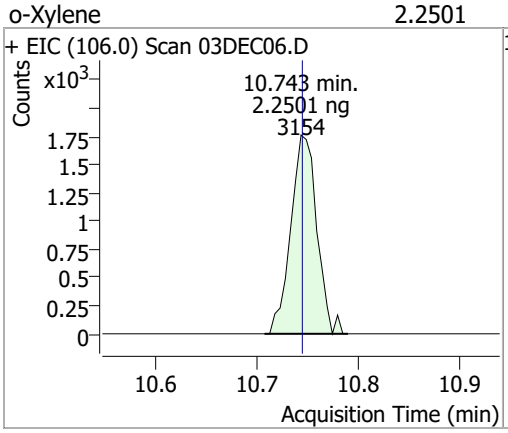
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	4.5241	10.35	-0.01	7173	91.0	198.5	163.7	223.7

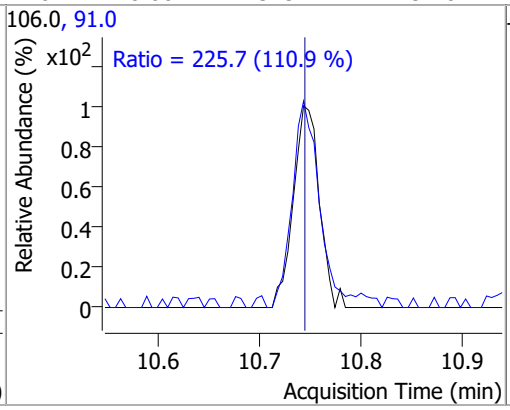


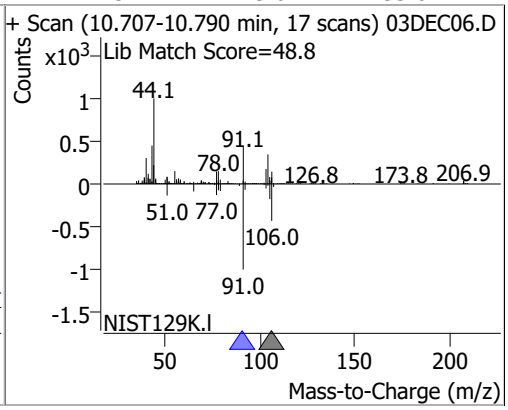




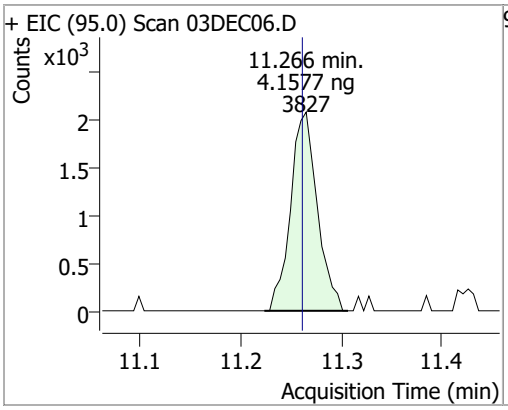
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	2.2501	10.74	0.00	3154	91.0	225.7	173.6	233.6

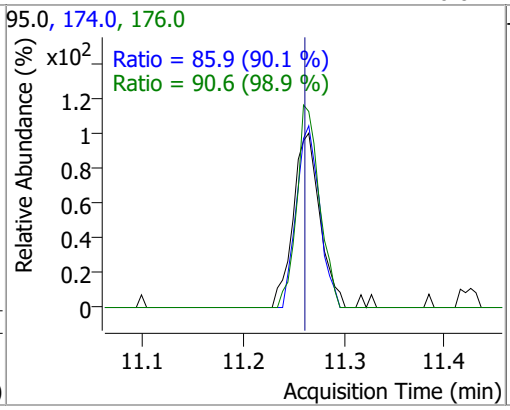


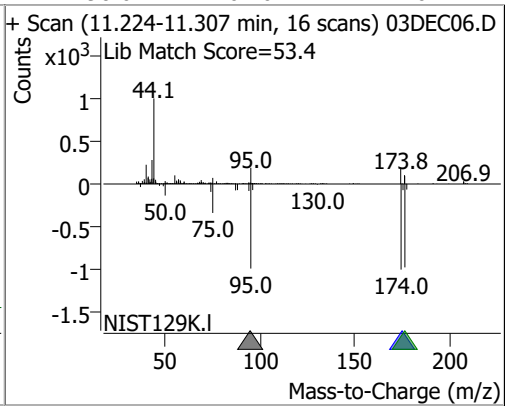




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	4.1577	11.27	0.00	3827	174.0	85.9	65.3	125.3
					176.0	90.6	61.6	121.6



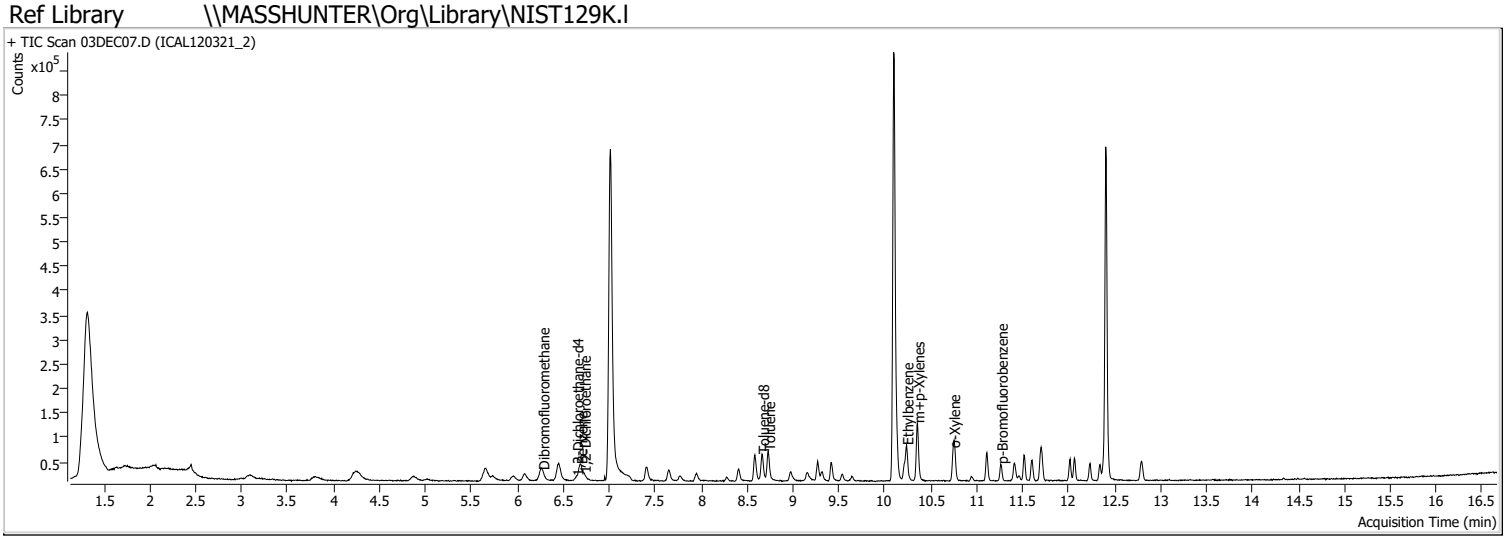




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

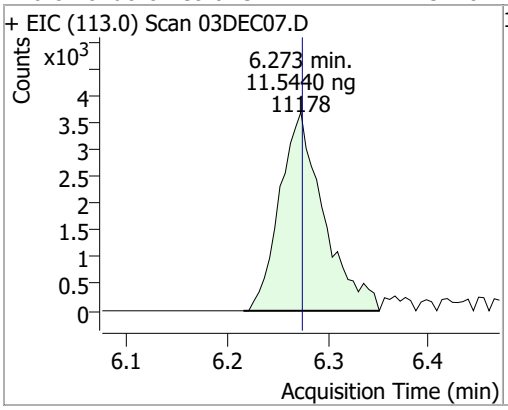
Data File	03DEC07.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/3/2021 1:37:00 PM
Sample Name	ICAL120321_2	Instrument	GC/MS Ins
Vial	7	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120321_8260B_624pt1_L4.batch.bin	Last Calib Update	12/6/2021 11:27:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

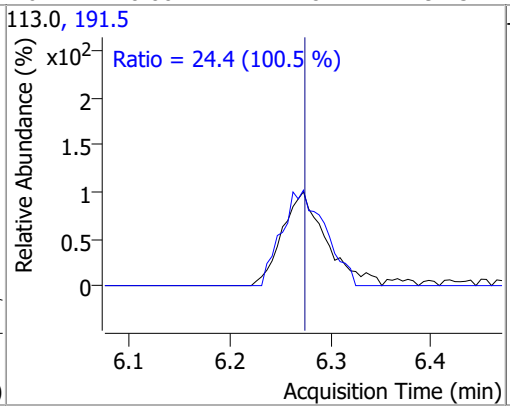


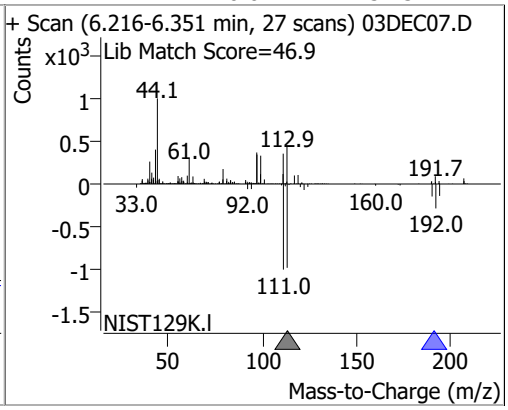
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	7.013	96.0	970574	250.0000	ng		-0.001
M Chlorobenzene-d5	10.096	82.0	305500	250.0000	ng		-0.001
M 1,4-Dichlorobenzene-d4	12.403	152.0	201585	250.0000	ng		-0.001
System Monitoring Compounds							
S Dibromofluoromethane	6.273	113.0	11178	11.5440	ng		-0.001
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 4.62%		*	
S 1,2-Dichloroethane-d4	6.646	67.0	5316	14.3230	ng		-0.001
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 5.73%		*	
S Toluene-d8	8.663	98.0	43443	11.5733	ng		-0.001
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 4.63%		*	
S p-Bromofluorobenzene	11.260	95.0	11660	12.4735	ng		-0.001
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 4.99%		*	
Target Compounds							**QValue**
T Benzene	6.687	78.0	48600	12.0178	ng		97
T 1,2-Dichloroethane	6.723	62.0	8710	12.0637	ng		91
T Toluene	8.730	92.0	30435	11.7823	ng		96
T Ethylbenzene	10.236	91.0	50572	11.8337	ng		98
T m+p-Xylenes	10.355	106.0	37598	23.3024	ng		93
T o-Xylene	10.743	106.0	16989	11.9099	ng		99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

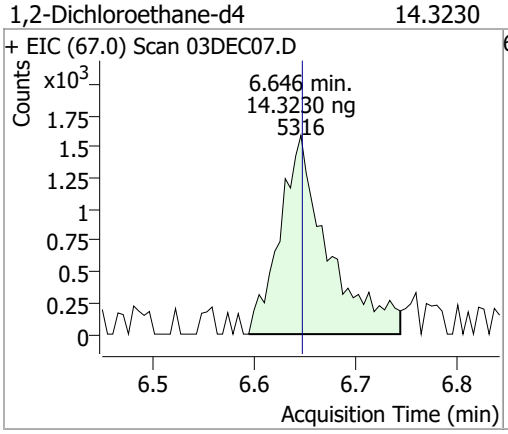
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	11.5440	6.27	0.00	11178	191.5	24.4	0.0	54.3

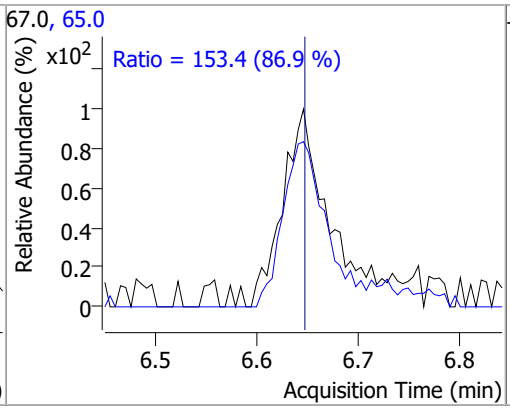


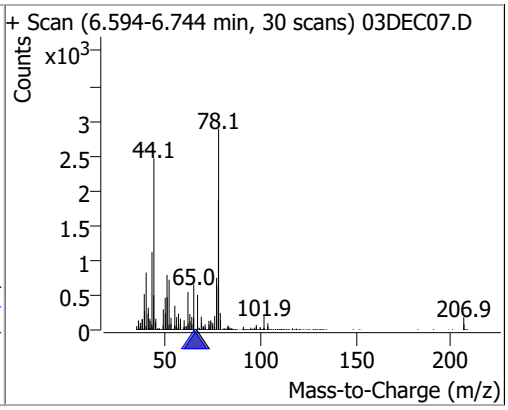




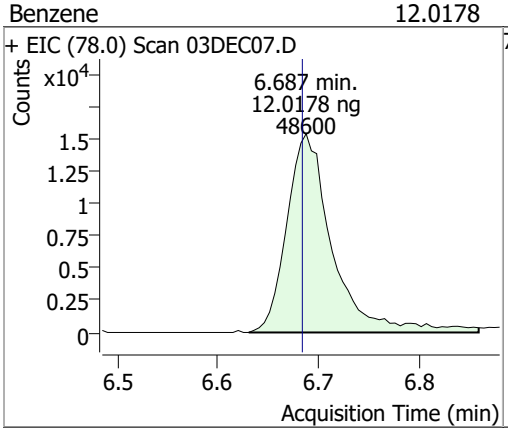
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	14.3230	6.65	0.00	5316	65.0	153.4	146.6	206.6

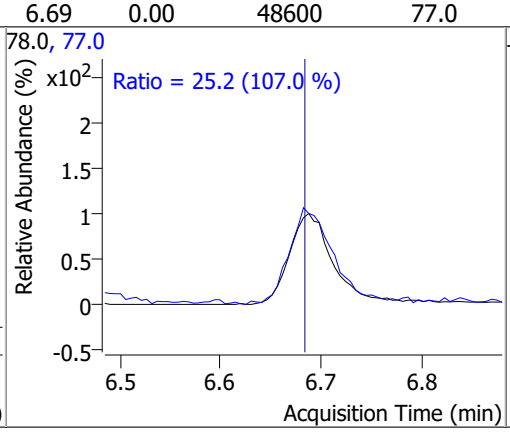


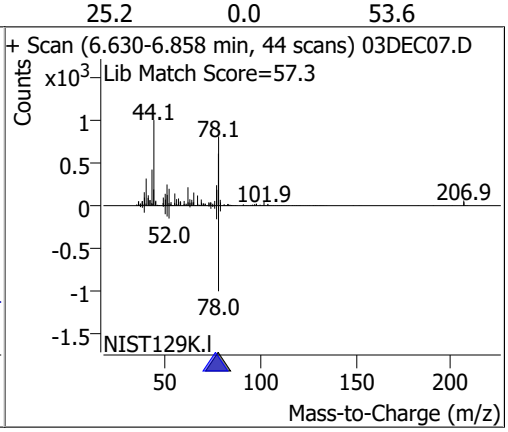




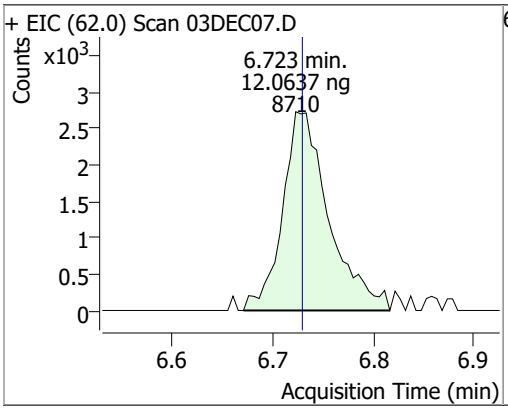
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	12.0178	6.69	0.00	48600	77.0	25.2	0.0	53.6

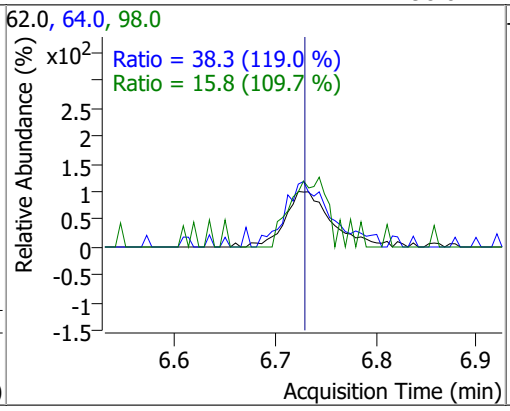


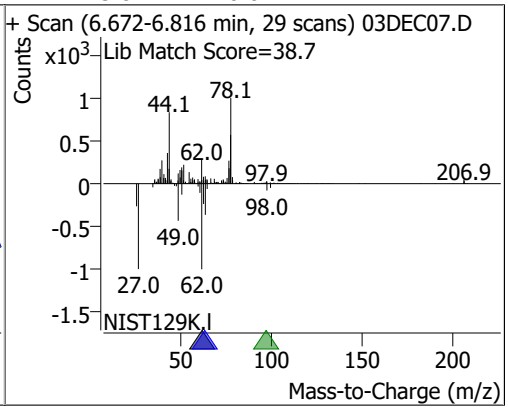




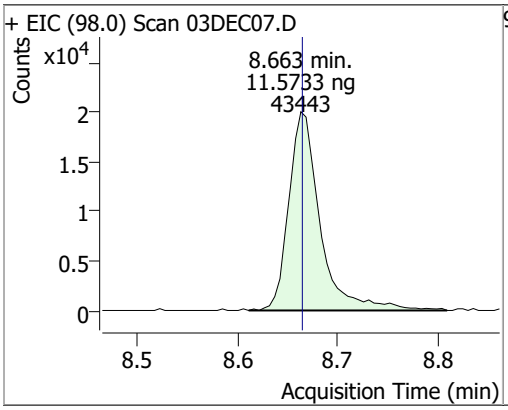
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	12.0637	6.72	-0.01	8710	64.0	38.3	2.2	62.2
					98.0	15.8	0.0	44.4

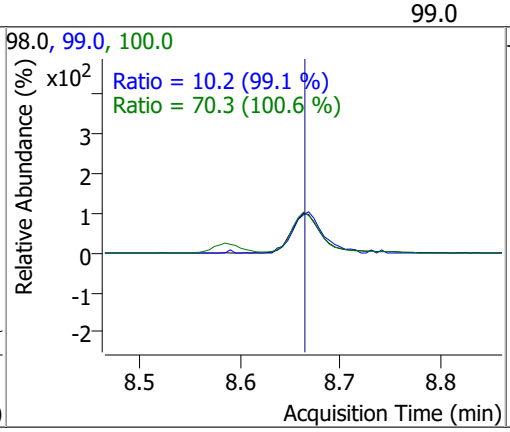


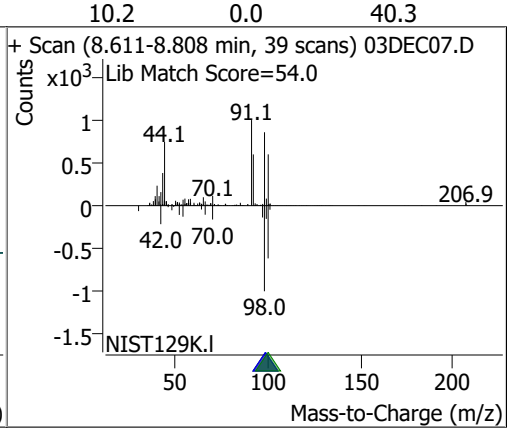




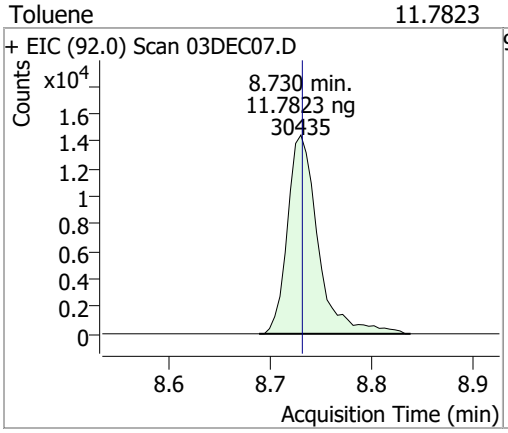
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	11.5733	8.66	0.00	43443	100.0	70.3	39.9	99.9
					99.0	10.2	0.0	40.3

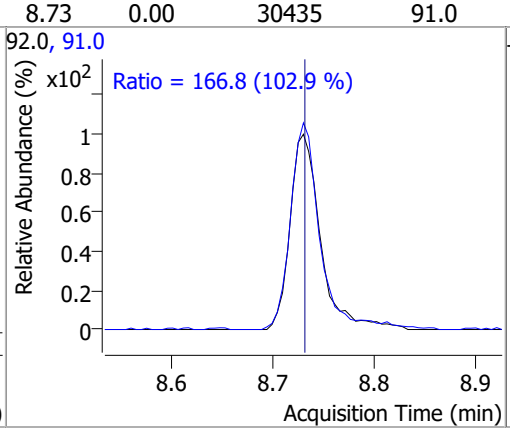


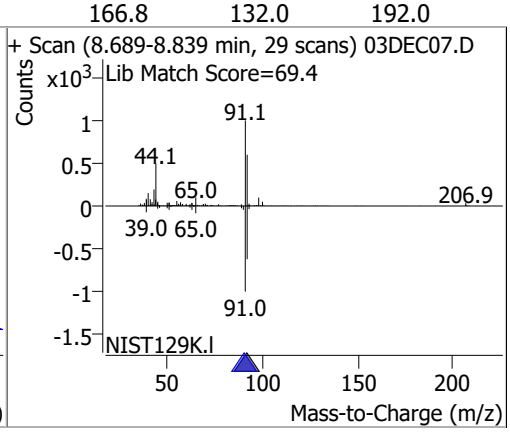




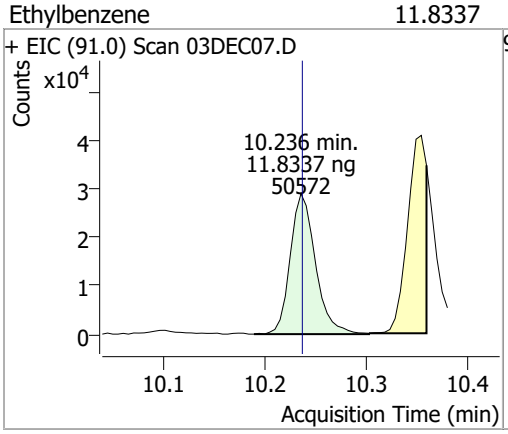
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	11.7823	8.73	0.00	30435	91.0	166.8	132.0	192.0

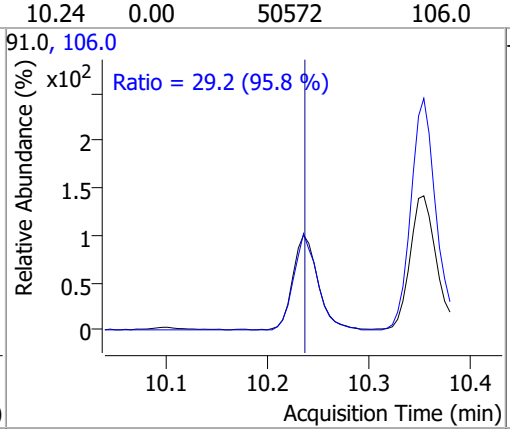


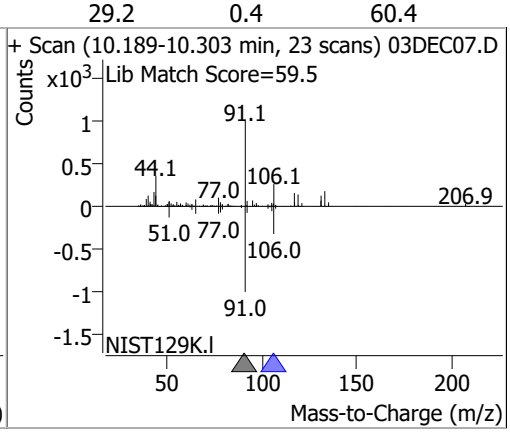




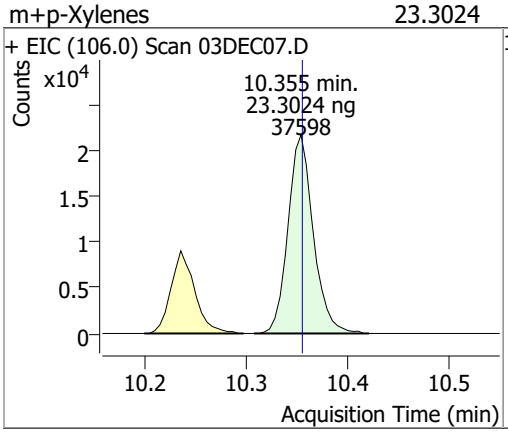
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	11.8337	10.24	0.00	50572	106.0	29.2	0.4	60.4

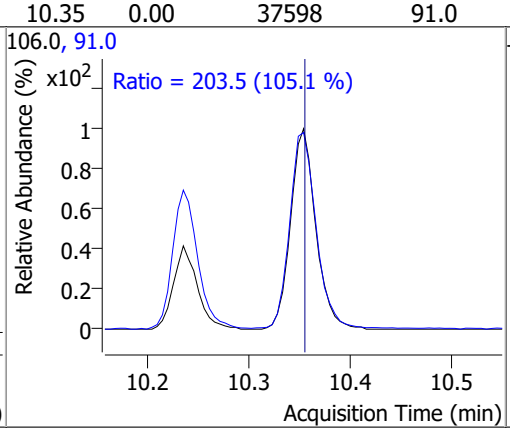


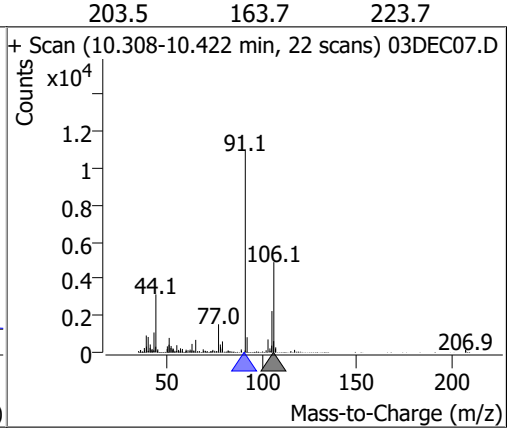




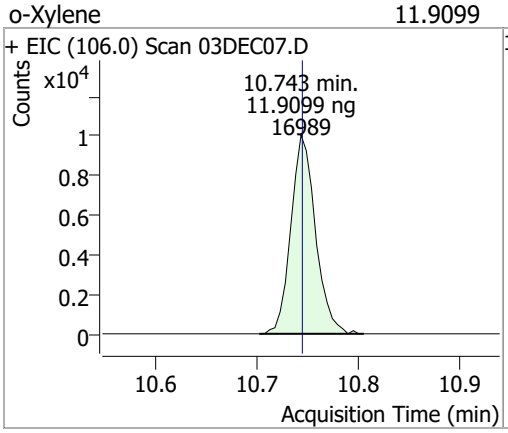
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	23.3024	10.35	0.00	37598	91.0	203.5	163.7	223.7

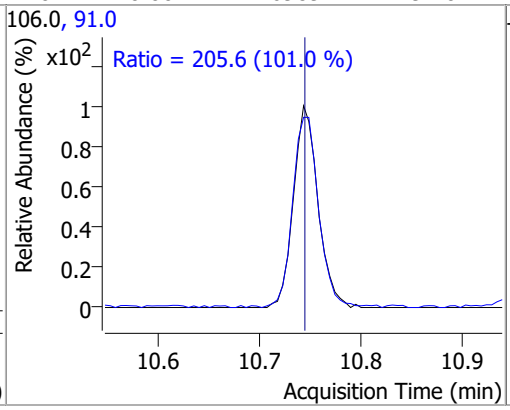


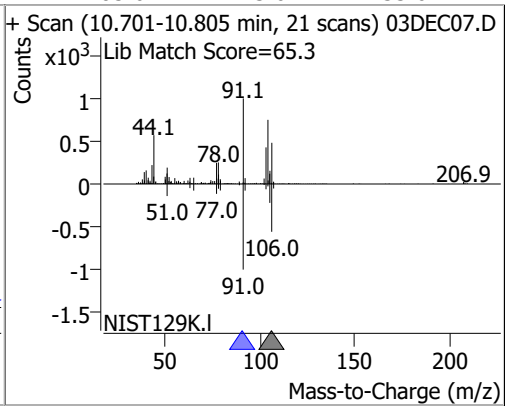




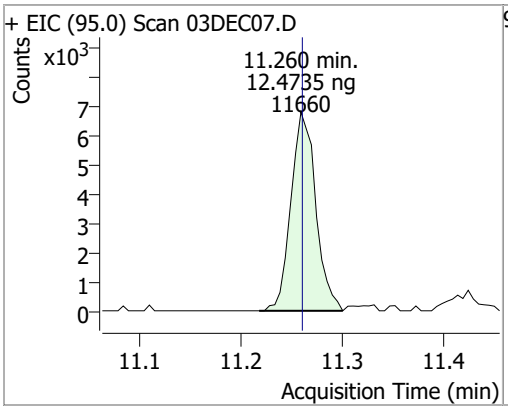
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	11.9099	10.74	0.00	16989	91.0	205.6	173.6	233.6

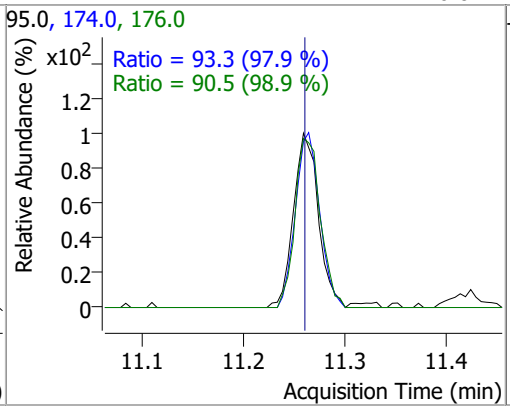


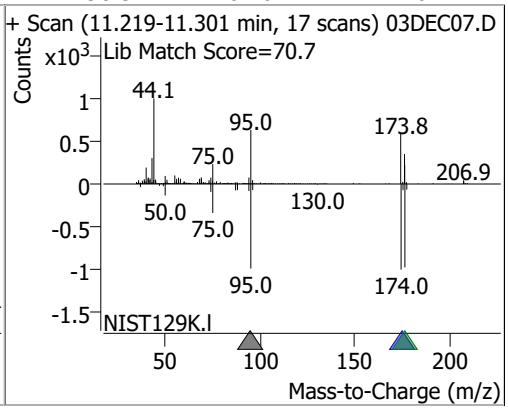




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	12.4735	11.26	0.00	11660	174.0	93.3	65.3	125.3
					176.0	90.5	61.6	121.6

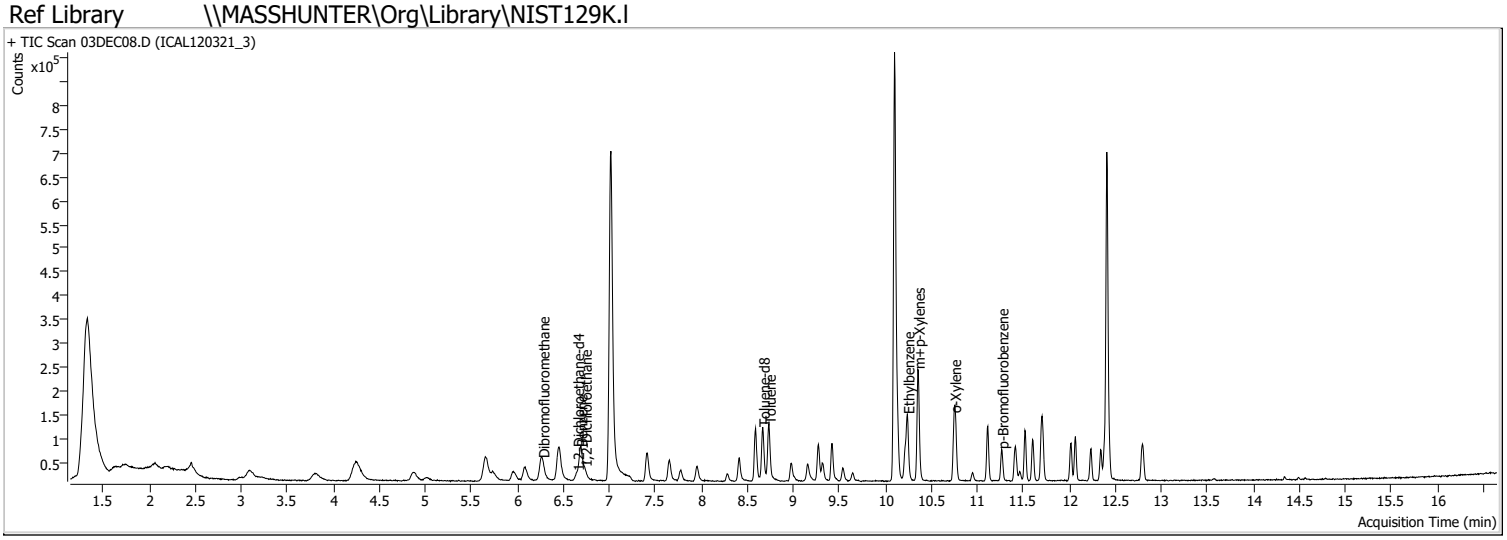






Quantitation Results Report (QT Reviewed)

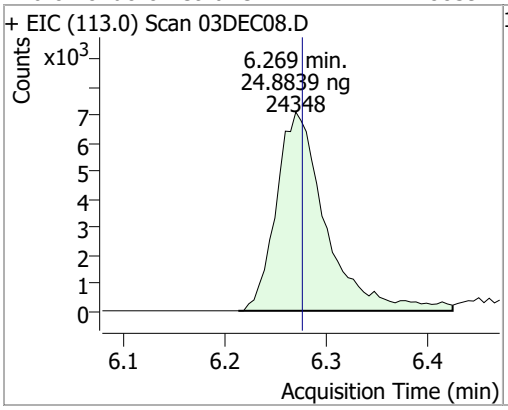
Data File	03DEC08.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/3/2021 2:02:00 PM
Sample Name	ICAL120321_3	Instrument	GC/MS Ins
Vial	8	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120321_8260B_624pt1_L4.batch.bin	Last Calib Update	12/6/2021 11:27:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

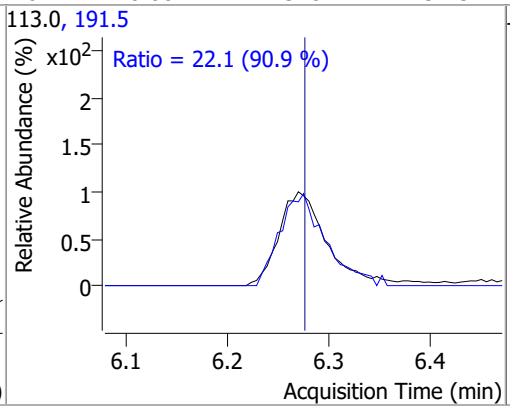


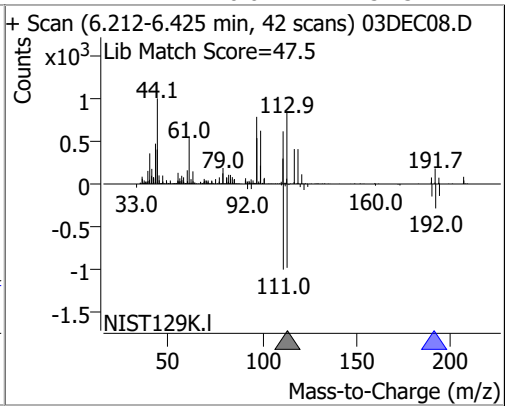
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	7.014	96.0	980768	250.0000	ng		0.000
M Chlorobenzene-d5	10.097	82.0	307040	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.404	152.0	200565	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	6.269	113.0	24348	24.8839	ng		-0.005
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 9.95%		*	
S 1,2-Dichloroethane-d4	6.647	67.0	9326	24.8661	ng		0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 9.95%		*	
S Toluene-d8	8.664	98.0	87835	23.2820	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 9.31%		*	
S p-Bromofluorobenzene	11.261	95.0	22902	24.6244	ng		0.000
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 9.85%		*	
Target Compounds							**QValue**
T Benzene	6.683	78.0	98698	24.1524	ng		99
T 1,2-Dichloroethane	6.730	62.0	17102	23.4408	ng		91
T Toluene	8.732	92.0	61031	23.5085	ng		98
T Ethylbenzene	10.237	91.0	100976	23.5096	ng		100
T m+p-Xylenes	10.351	106.0	76896	47.4193	ng		99
T o-Xylene	10.744	106.0	33140	23.1158	ng		93

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

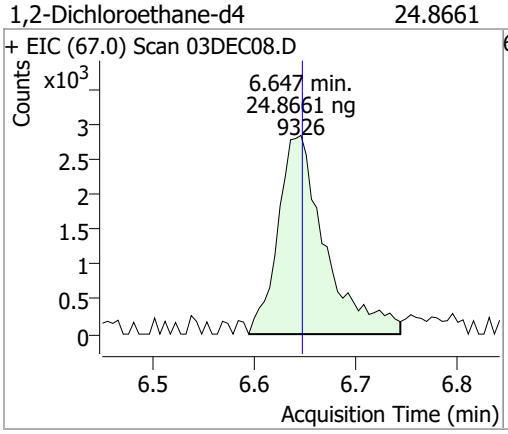
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	24.8839	6.27	0.00	24348	191.5	22.1	0.0	54.3

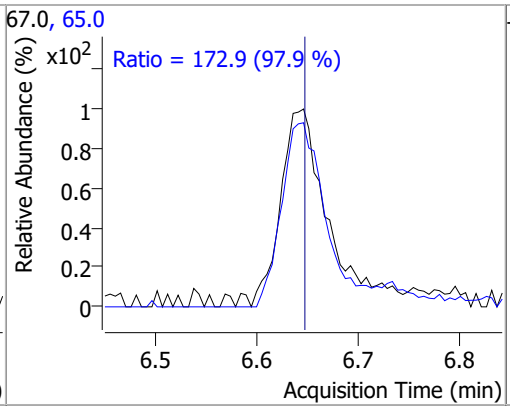


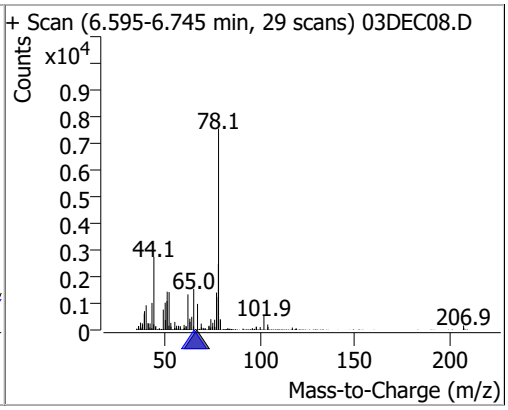




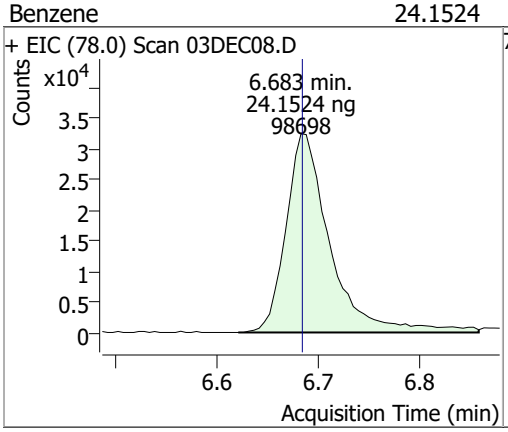
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	24.8661	6.65	0.00	9326	65.0	172.9	146.6	206.6

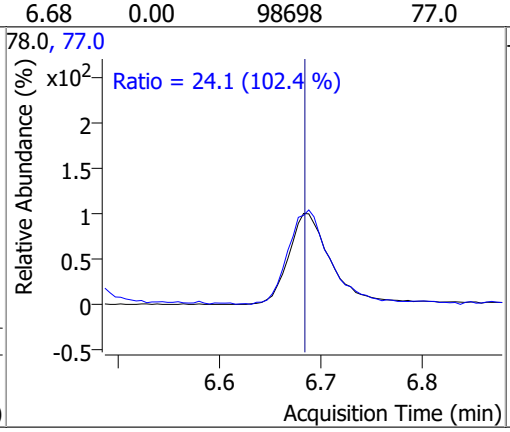


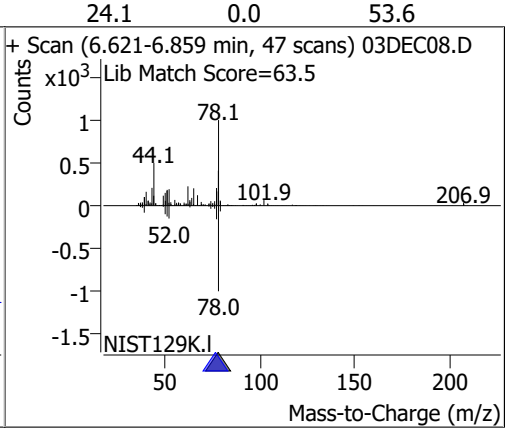




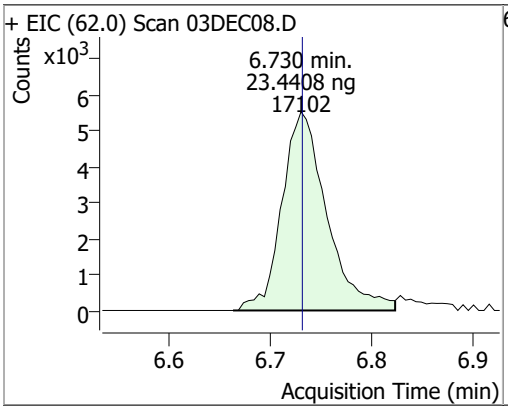
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	24.1524	6.68	0.00	98698	77.0	24.1	0.0	53.6

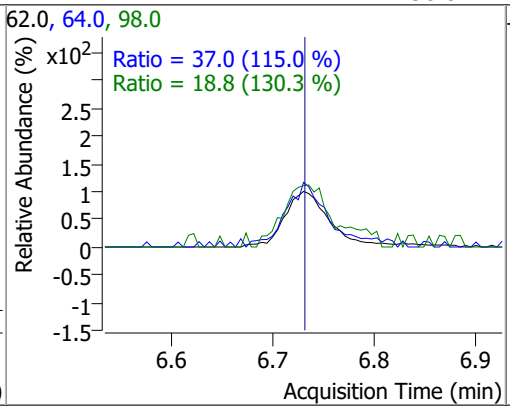


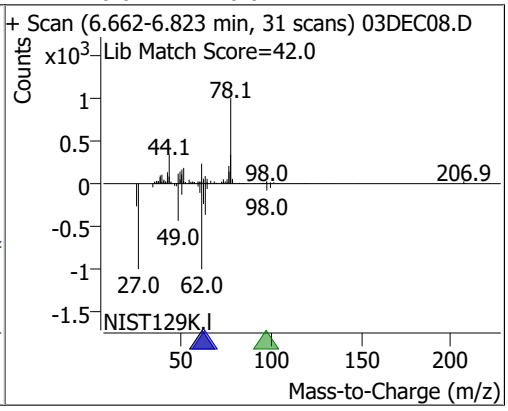




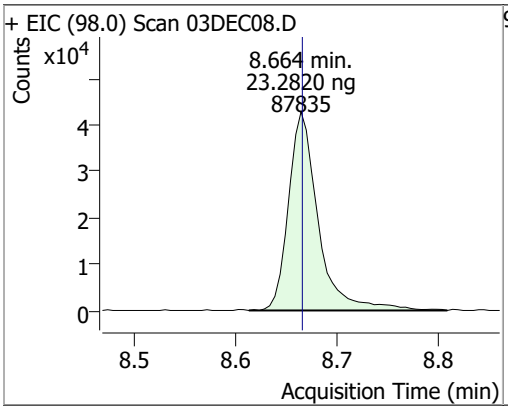
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	23.4408	6.73	0.00	17102	64.0	37.0	2.2	62.2
					98.0	18.8	0.0	44.4

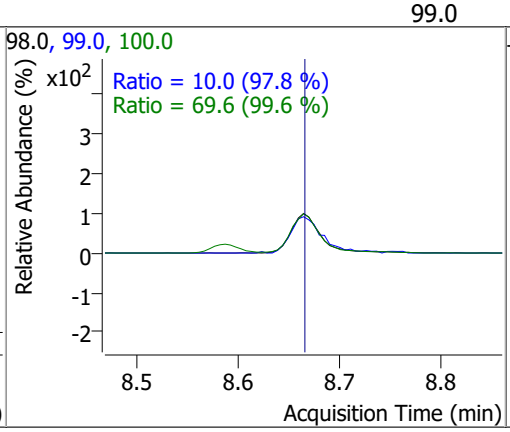


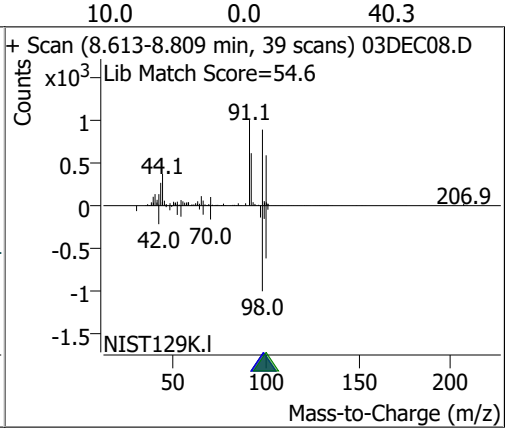




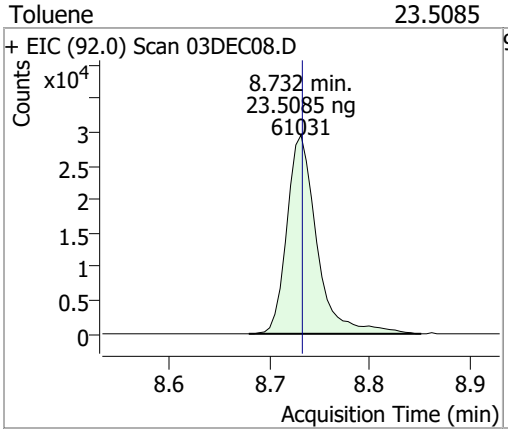
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	23.2820	8.66	0.00	87835	100.0	69.6	39.9	99.9
					99.0	10.0	0.0	40.3

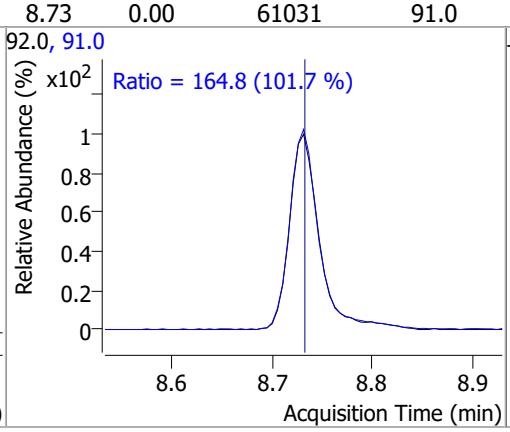


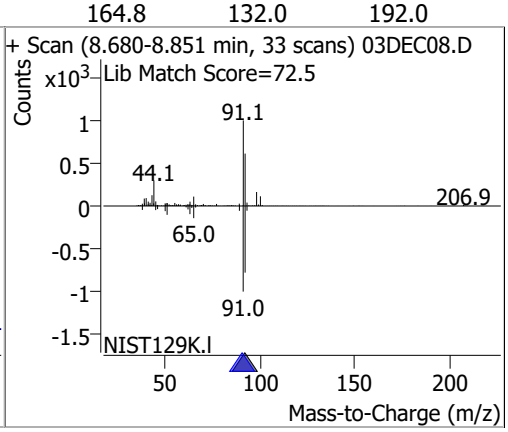




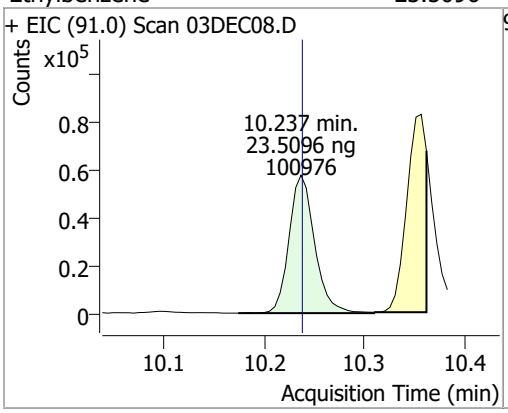
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	23.5085	8.73	0.00	61031	91.0	164.8	132.0	192.0

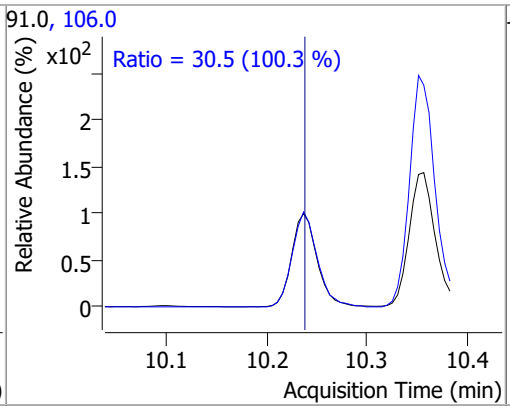


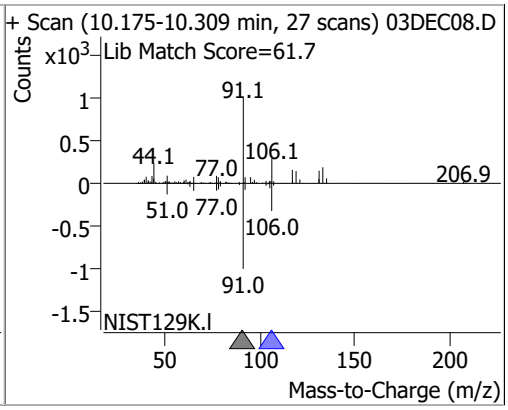




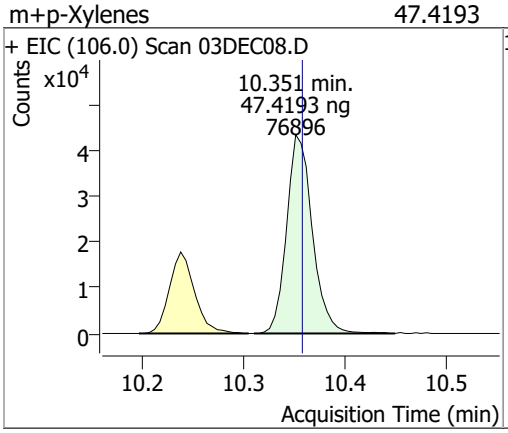
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	23.5096	10.24	0.00	100976	106.0	30.5	0.4	60.4

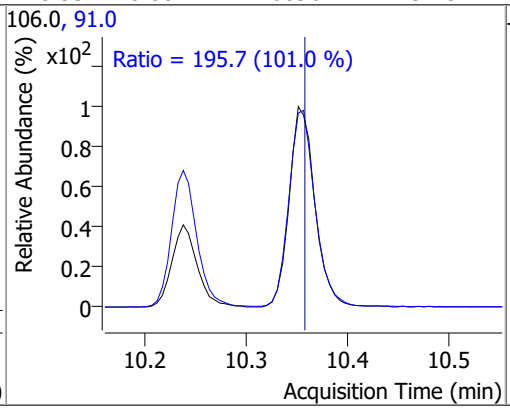


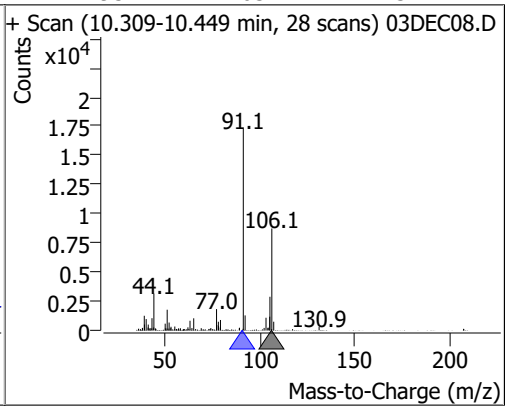




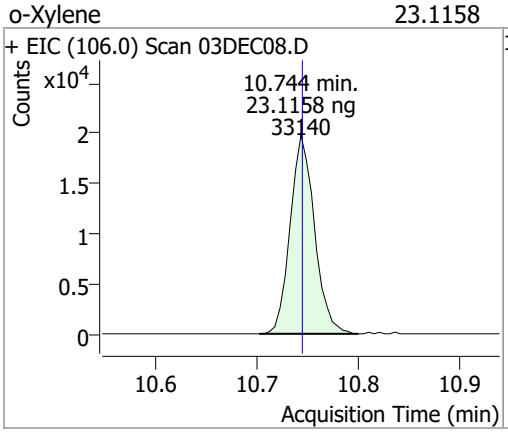
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	47.4193	10.35	0.00	76896	91.0	195.7	163.7	223.7

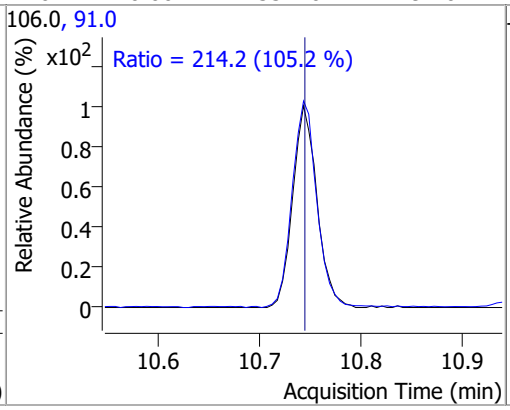


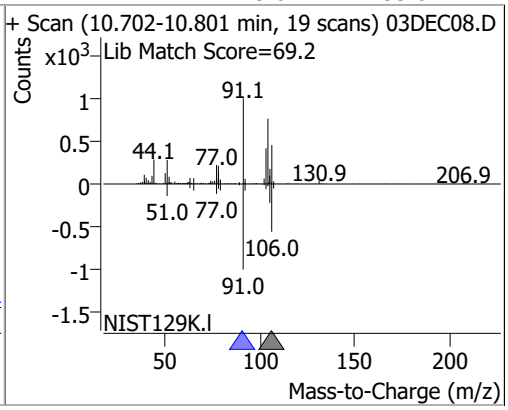




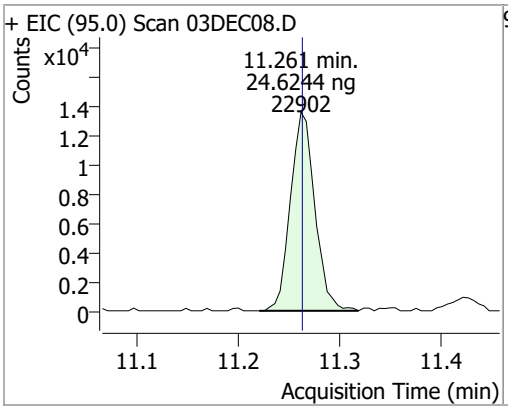
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	23.1158	10.74	0.00	33140	91.0	214.2	173.6	233.6

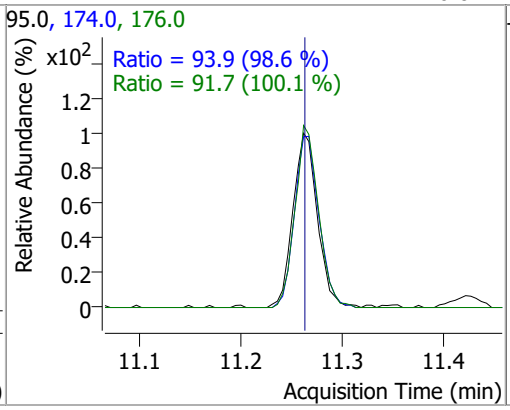


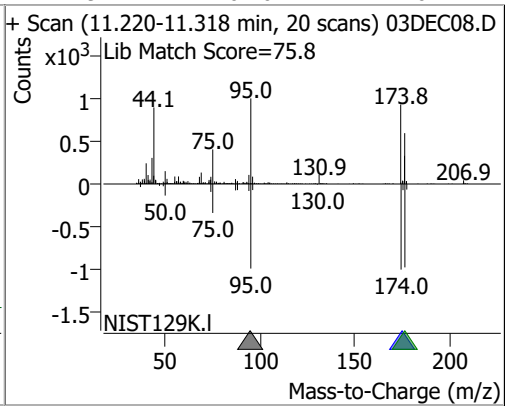




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	24.6244	11.26	0.00	22902	174.0	93.9	65.3	125.3
					176.0	91.7	61.6	121.6

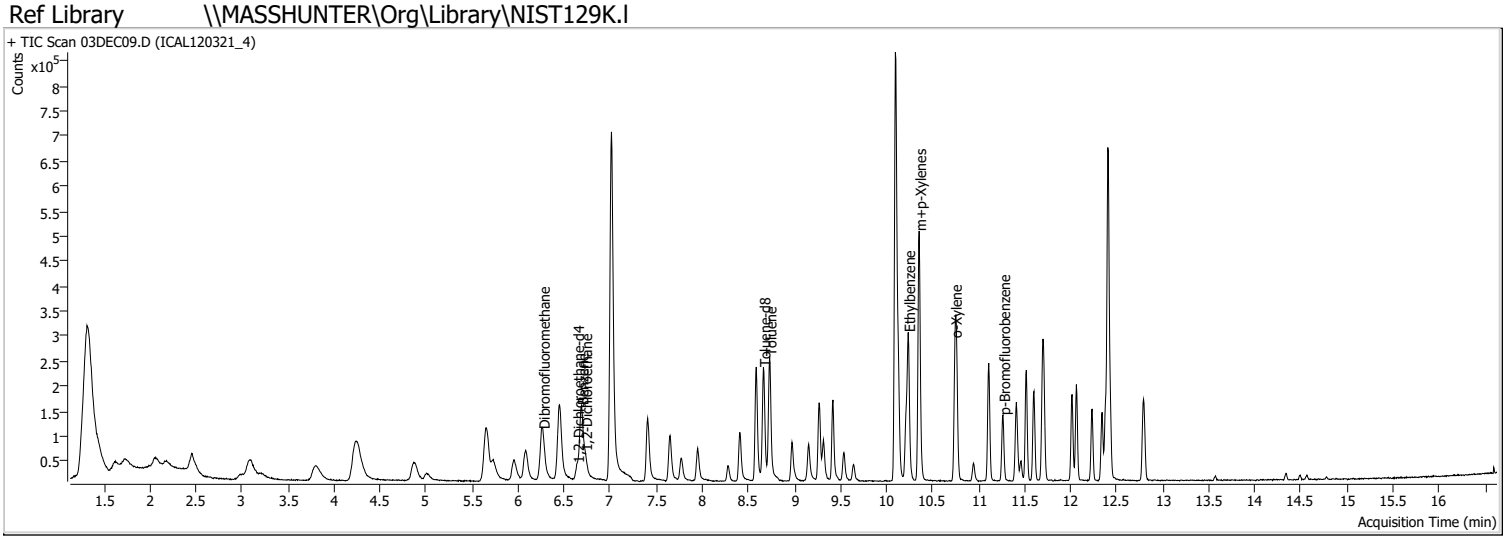






Quantitation Results Report (QT Reviewed)

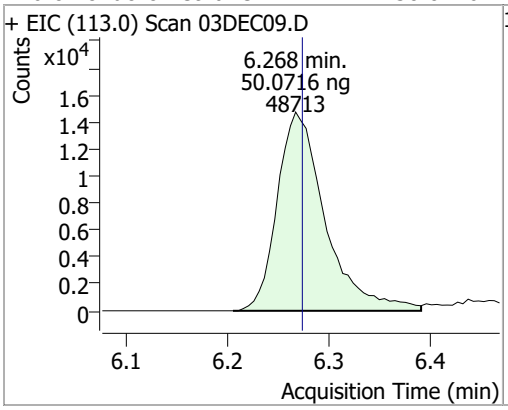
Data File	03DEC09.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/3/2021 2:28:00 PM
Sample Name	ICAL120321_4	Instrument	GC/MS Ins
Vial	9	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120321_8260B_624pt1_L4.batch.bin	Last Calib Update	12/6/2021 11:27:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

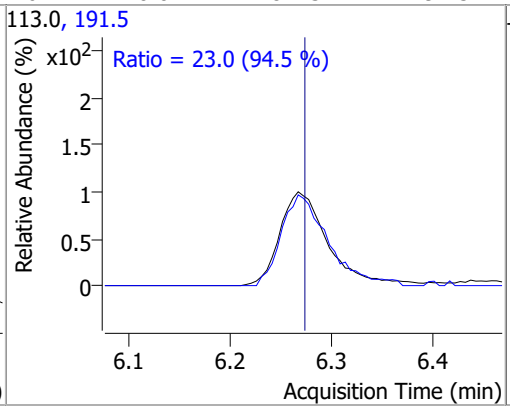


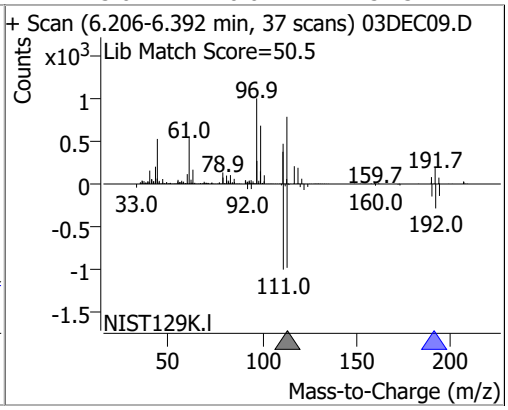
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	7.013	96.0	975157	250.0000	ng		-0.001
M Chlorobenzene-d5	10.096	82.0	293072	250.0000	ng		-0.001
M 1,4-Dichlorobenzene-d4	12.408	152.0	193927	250.0000	ng		0.004
System Monitoring Compounds							
S Dibromofluoromethane	6.268	113.0	48713	50.0716	ng		-0.006
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 20.03%		*	
S 1,2-Dichloroethane-d4	6.640	67.0	19183	51.4424	ng		-0.006
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 20.58%		*	
S Toluene-d8	8.663	98.0	179538	49.8575	ng		-0.001
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 19.94%		*	
S p-Bromofluorobenzene	11.265	95.0	46121	51.2872	ng		0.004
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 20.51%		*	
Target Compounds							**QValue**
T Benzene	6.687	78.0	204266	50.2736	ng		98
T 1,2-Dichloroethane	6.728	62.0	36955	50.9438	ng		97
T Toluene	8.730	92.0	129489	52.2550	ng		98
T Ethylbenzene	10.236	91.0	211275	51.5342	ng		99
T m+p-Xylenes	10.355	106.0	161764	104.5090	ng		100
T o-Xylene	10.743	106.0	71156	51.9982	ng		99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

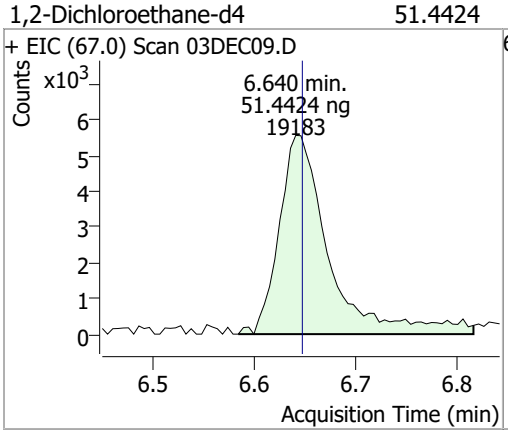
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	50.0716	6.27	-0.01	48713	191.5	23.0	0.0	54.3

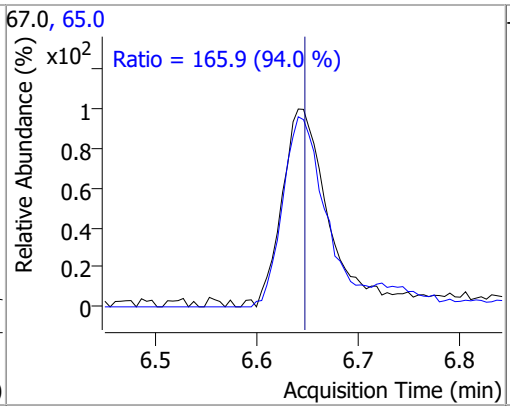


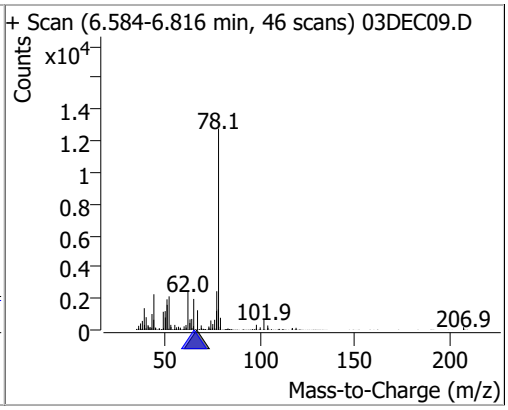




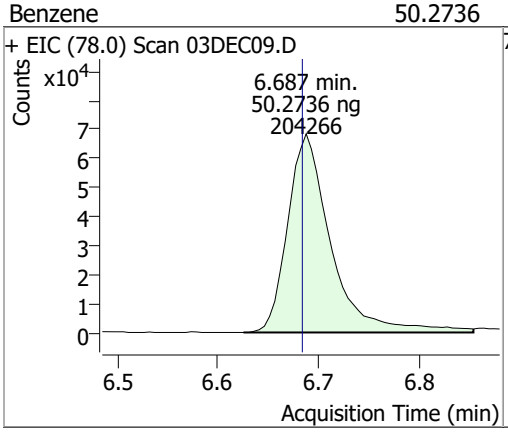
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	51.4424	6.64	-0.01	19183	65.0	165.9	146.6	206.6

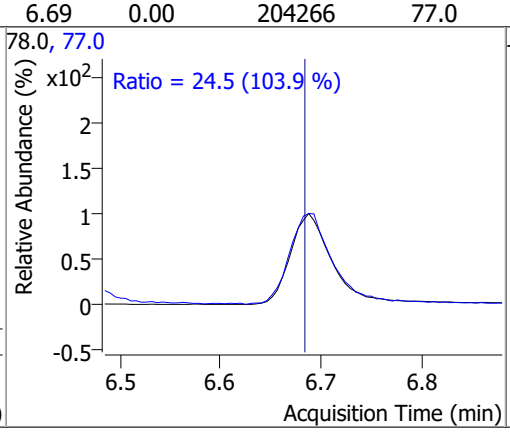


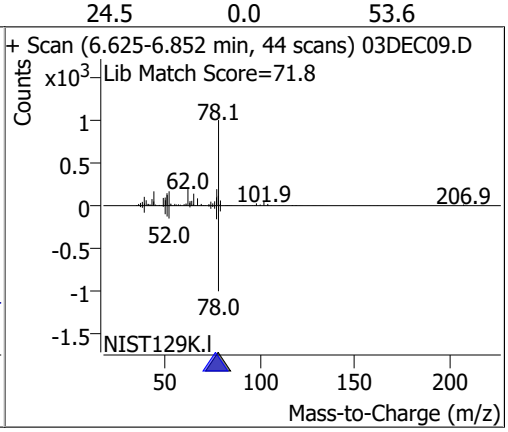




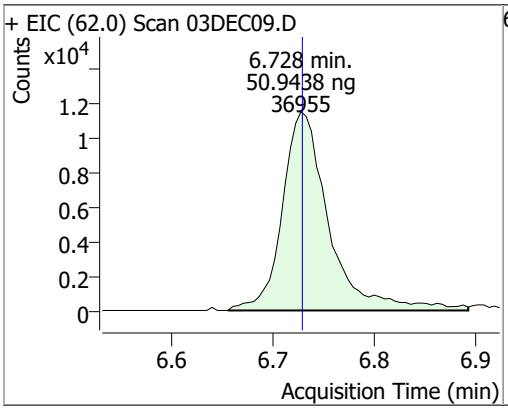
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	50.2736	6.69	0.00	204266	77.0	24.5	0.0	53.6

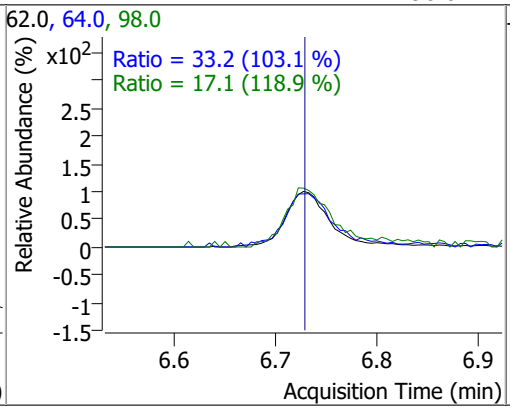


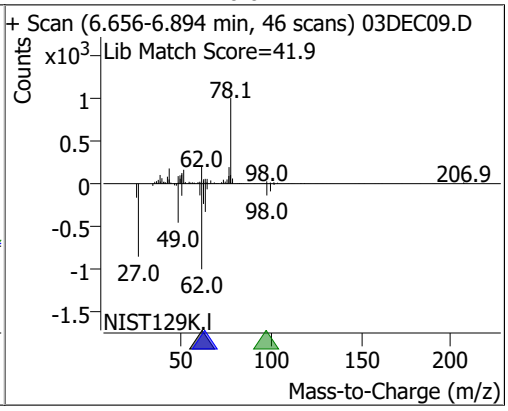




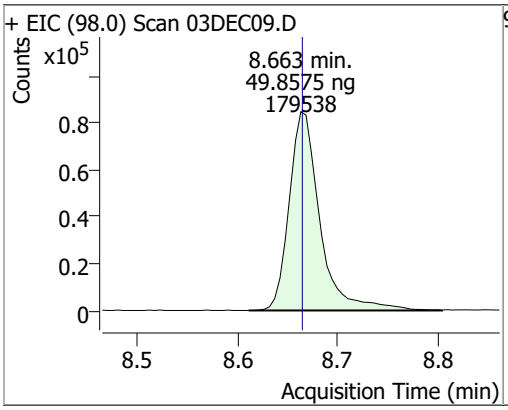
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	50.9438	6.73	0.00	36955	64.0	33.2	2.2	62.2
					98.0	17.1	0.0	44.4

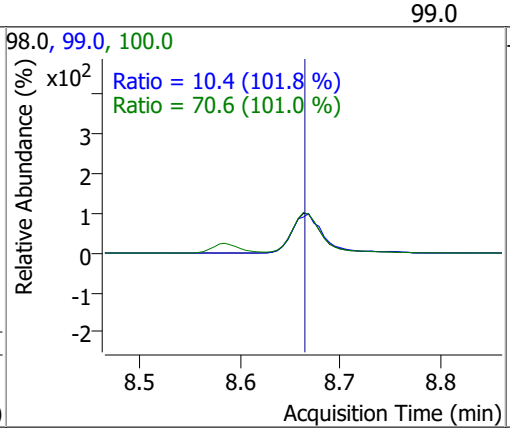


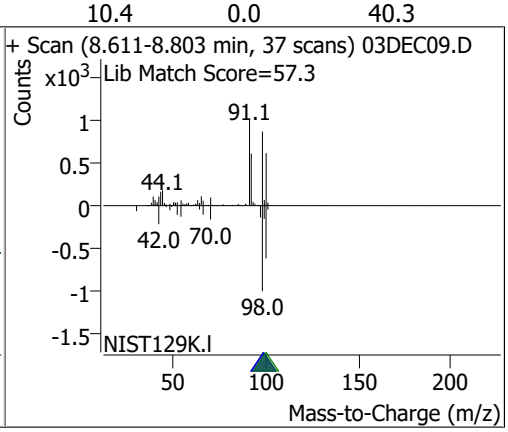




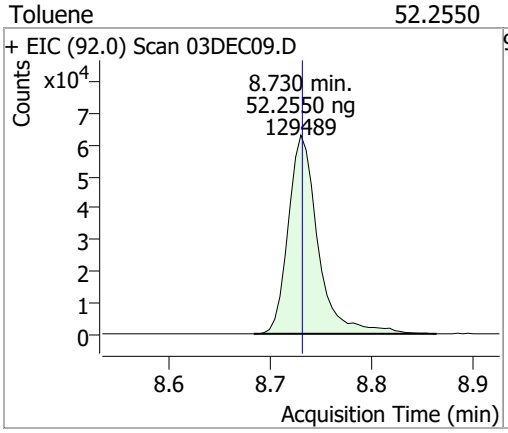
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	49.8575	8.66	0.00	179538	100.0	70.6	39.9	99.9
					99.0	10.4	0.0	40.3

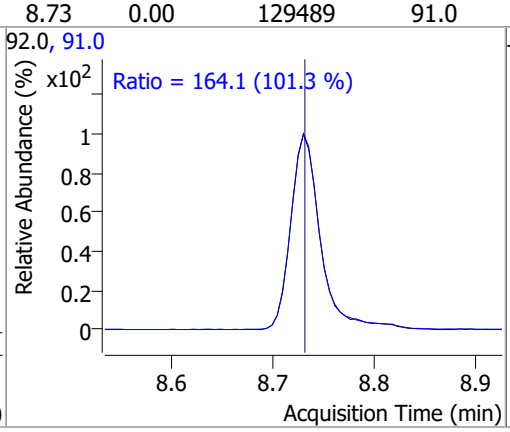


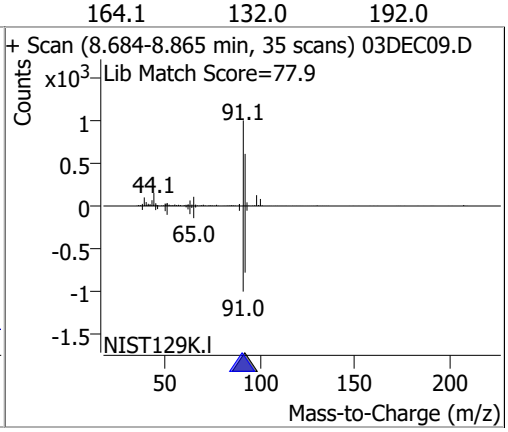




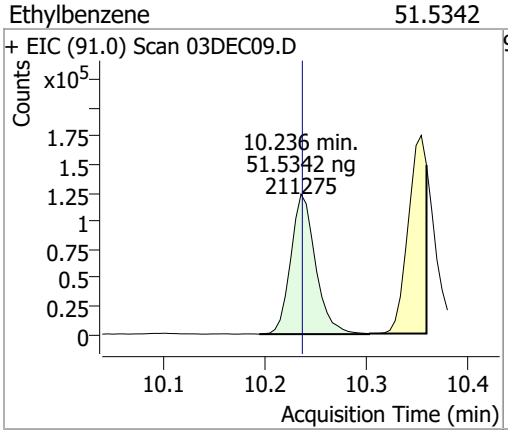
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	52.2550	8.73	0.00	129489	91.0	164.1	132.0	192.0

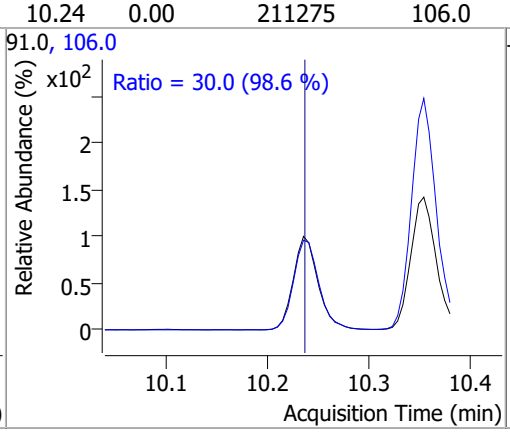


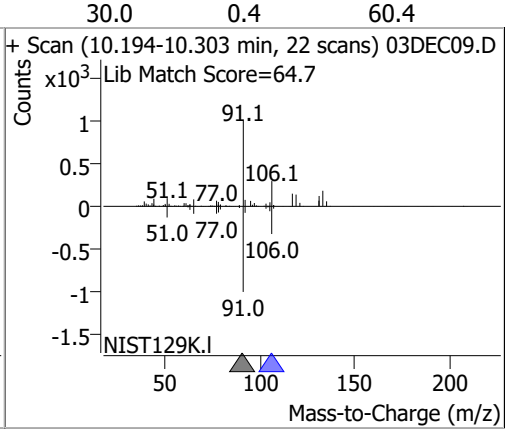




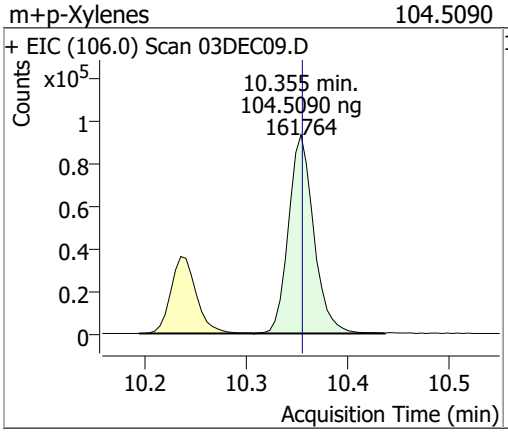
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	51.5342	10.24	0.00	211275	106.0	30.0	0.4	60.4

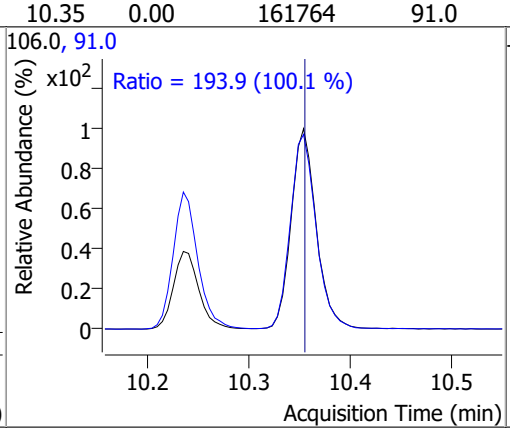


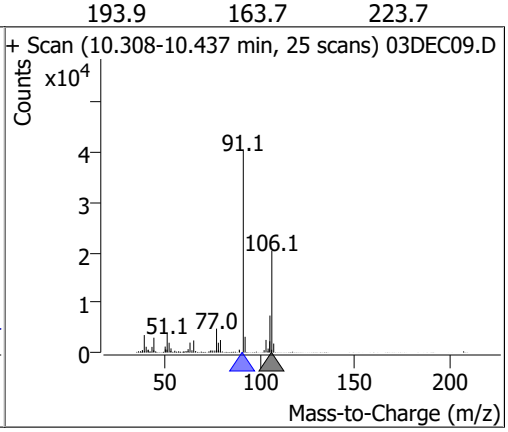




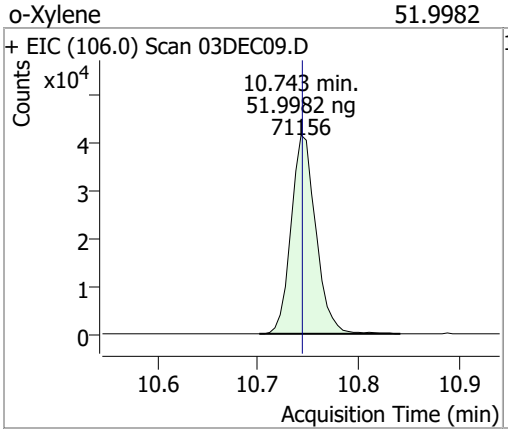
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	104.5090	10.35	0.00	161764	91.0	193.9	163.7	223.7

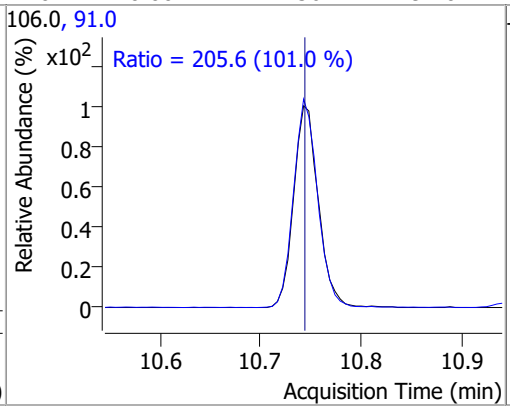


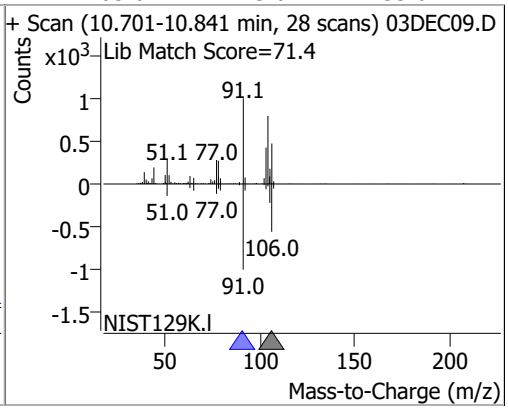




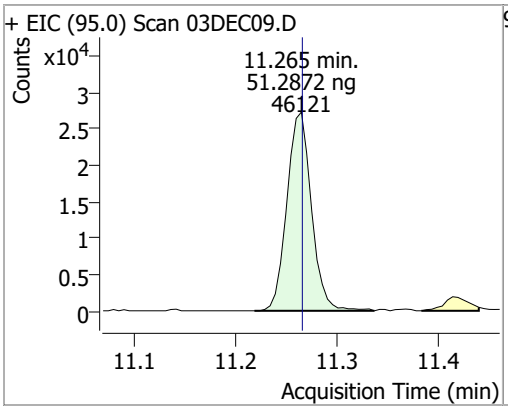
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	51.9982	10.74	0.00	71156	91.0	205.6	173.6	233.6

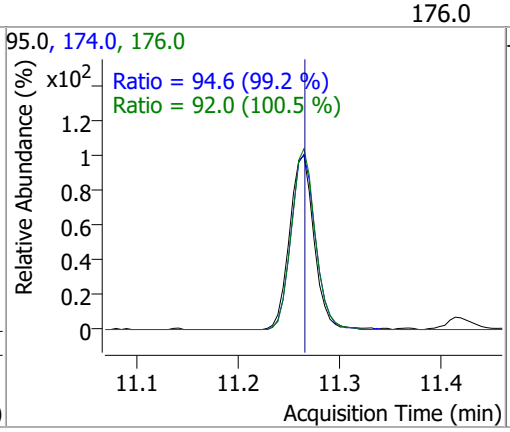


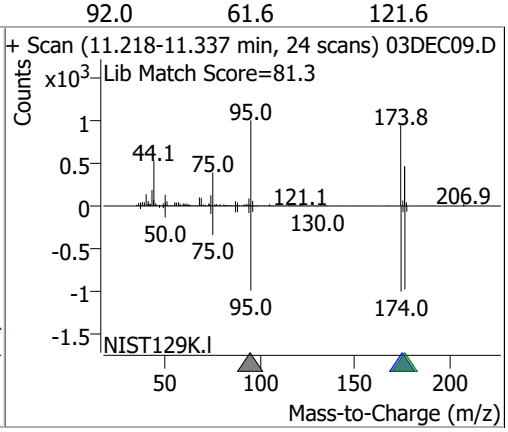




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	51.2872	11.26	0.00	46121	174.0	94.6	65.3	125.3
					176.0	92.0	61.6	121.6

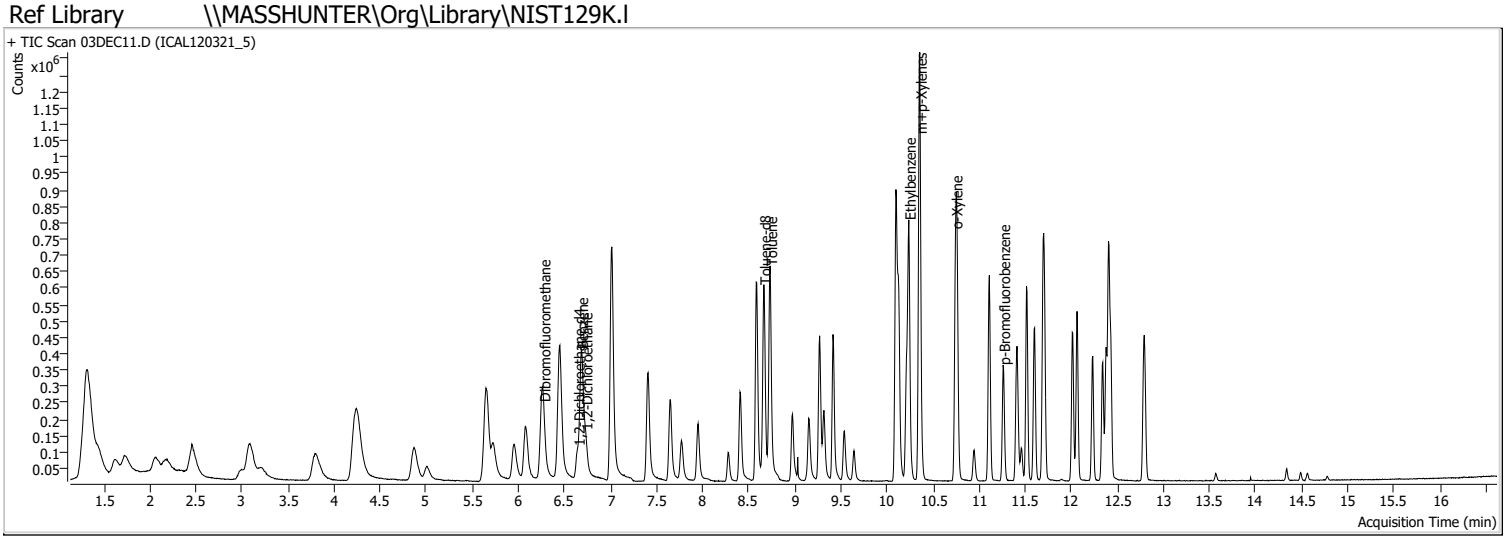






Quantitation Results Report (QT Reviewed)

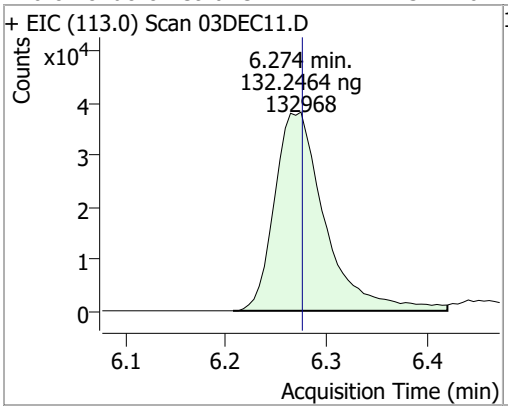
Data File	03DEC11.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/3/2021 3:19:00 PM
Sample Name	ICAL120321_5	Instrument	GC/MS Ins
Vial	11	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120321_8260B_624pt1_L4.batch.bin	Last Calib Update	12/6/2021 11:27:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

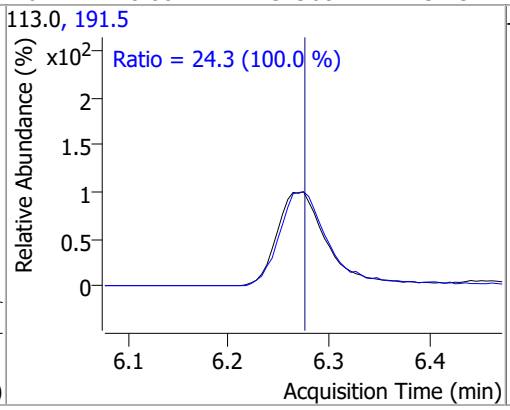


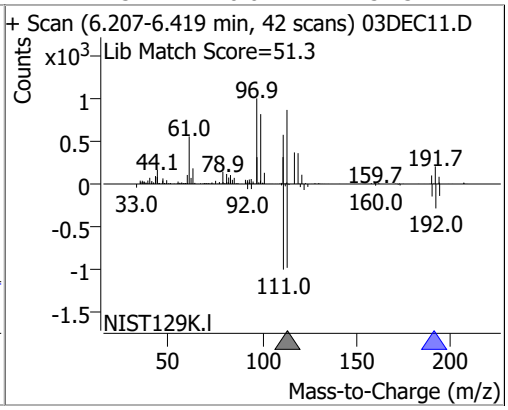
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	7.014	96.0	1007824	250.0000	ng		0.000
M Chlorobenzene-d5	10.097	82.0	301719	250.0000	ng	m	0.000
M 1,4-Dichlorobenzene-d4	12.404	152.0	207050	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	6.274	113.0	132968	132.2464	ng		0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 52.90%		*	
S 1,2-Dichloroethane-d4	6.647	67.0	49215	127.7003	ng		0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 51.08%		*	
S Toluene-d8	8.664	98.0	475751	128.3293	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 51.33%		*	
S p-Bromofluorobenzene	11.261	95.0	124320	129.4833	ng		0.000
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 51.79%		*	
Target Compounds							**QValue**
T Benzene	6.683	78.0	549256	130.8003	ng		100
T 1,2-Dichloroethane	6.729	62.0	100874	134.5510	ng		100
T Toluene	8.731	92.0	343230	134.5404	ng		100
T Ethylbenzene	10.237	91.0	557740	132.1453	ng	m	100
T m+p-Xylenes	10.355	106.0	427740	268.4257	ng		100
T o-Xylene	10.743	106.0	188039	133.4741	ng		100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

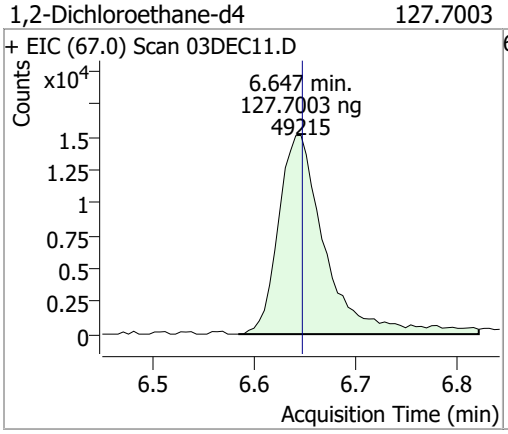
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	132.2464	6.27	0.00	132968	191.5	24.3	0.0	54.3

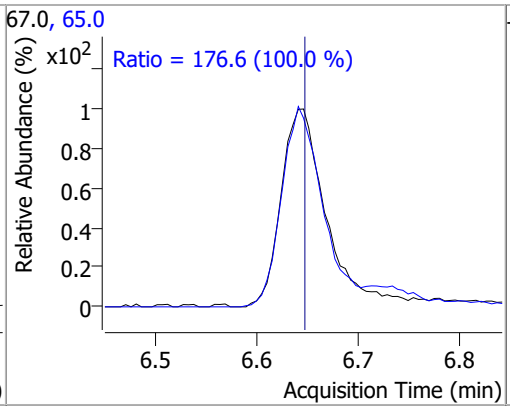


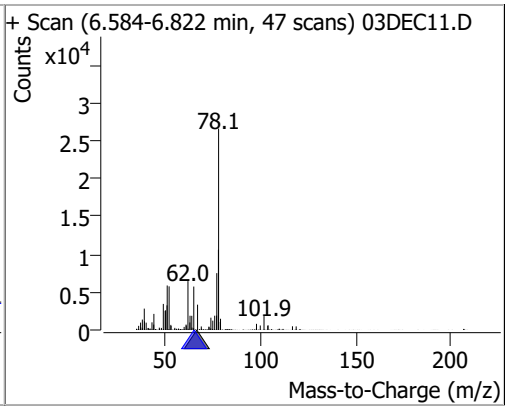




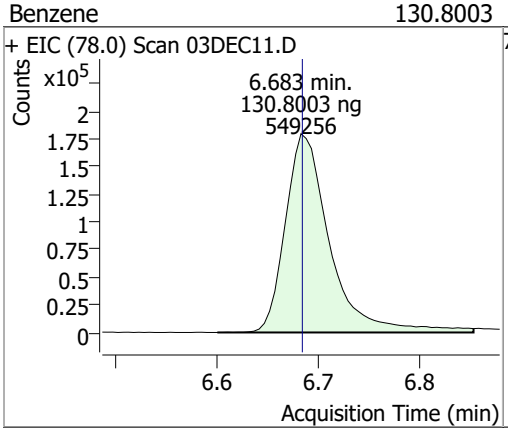
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	127.7003	6.65	0.00	49215	65.0	176.6	146.6	206.6

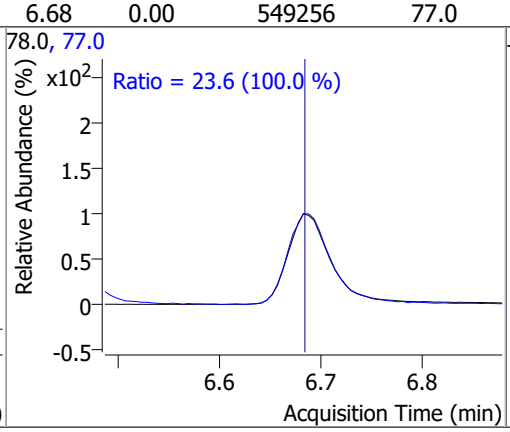


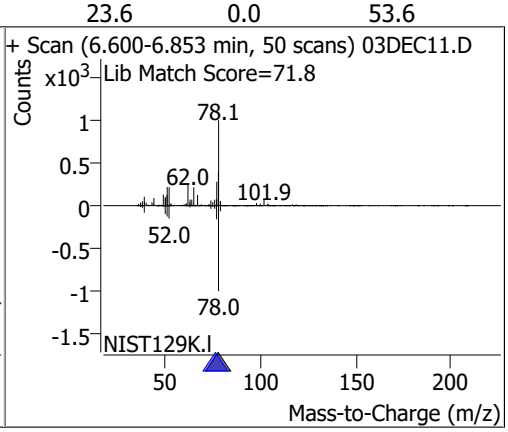




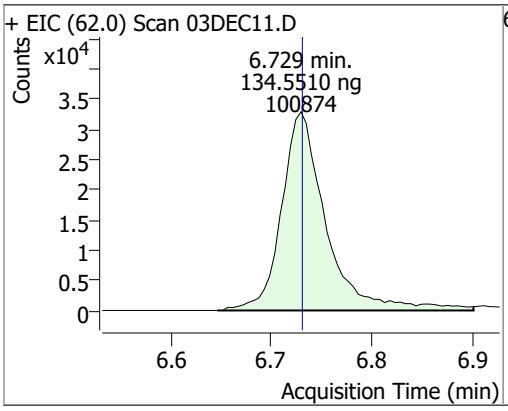
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	130.8003	6.68	0.00	549256	77.0	23.6	0.0	53.6

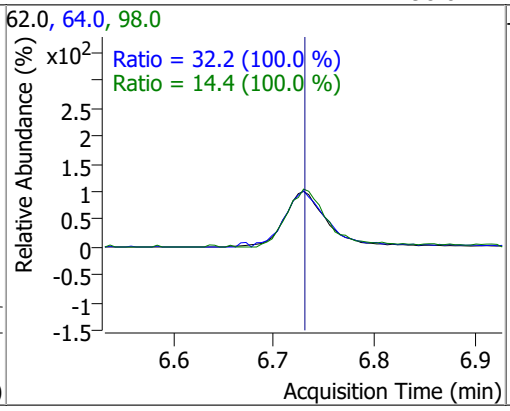


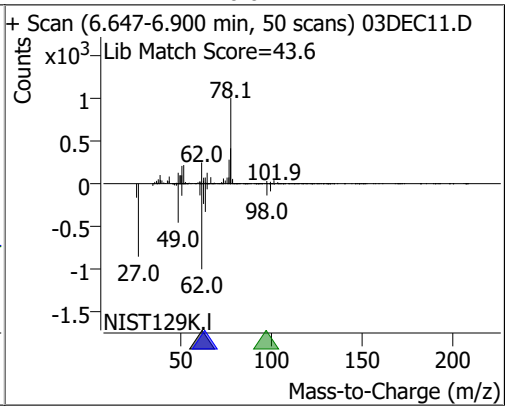




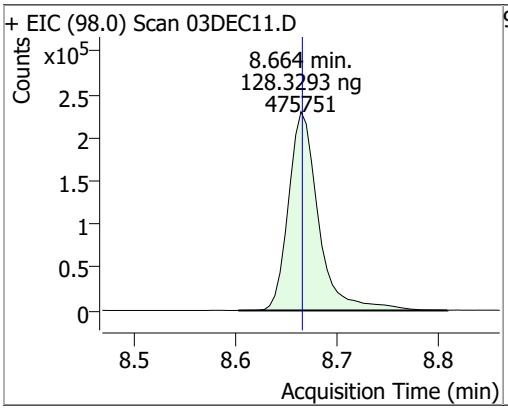
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	134.5510	6.73	0.00	100874	64.0	32.2	2.2	62.2
					98.0	14.4	0.0	44.4

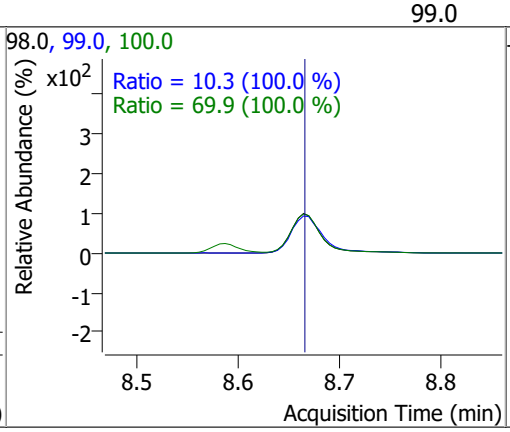


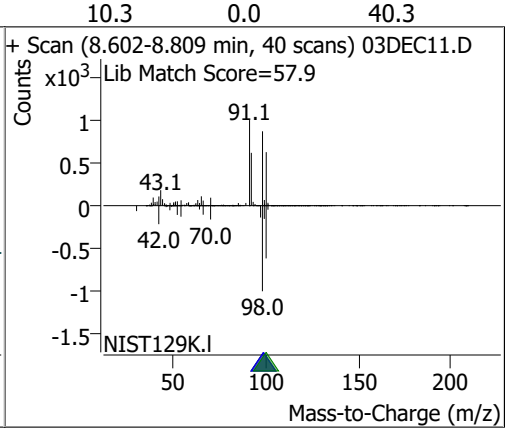




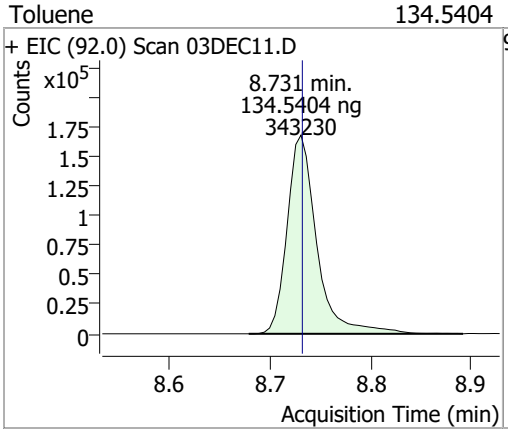
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	128.3293	8.66	0.00	475751	100.0	69.9	39.9	99.9
					99.0	10.3	0.0	40.3

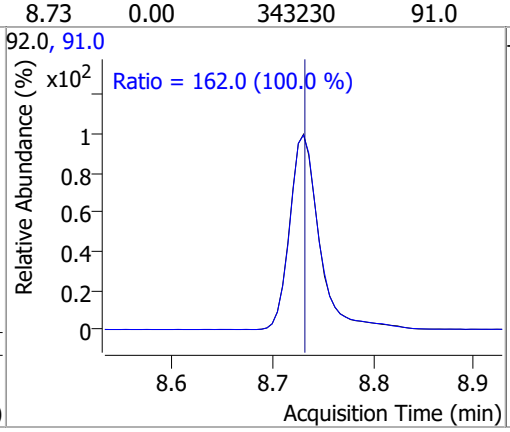


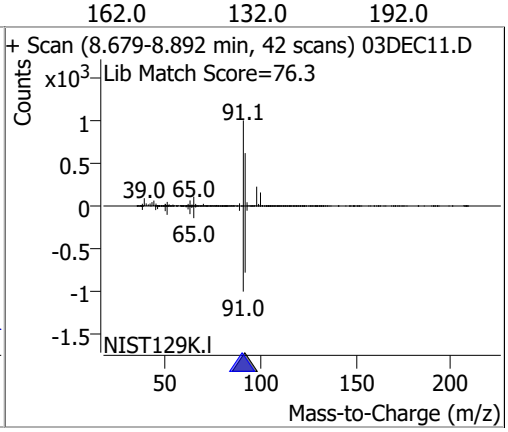




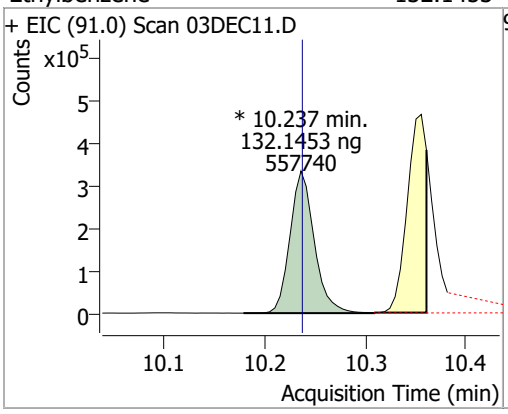
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	134.5404	8.73	0.00	343230	91.0	162.0	132.0	192.0

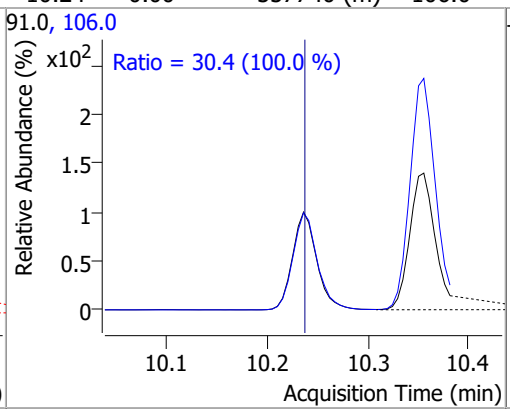


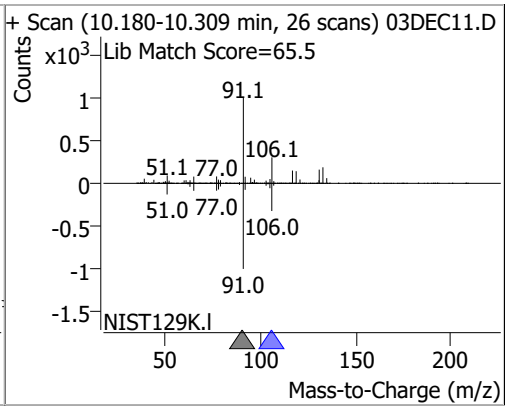




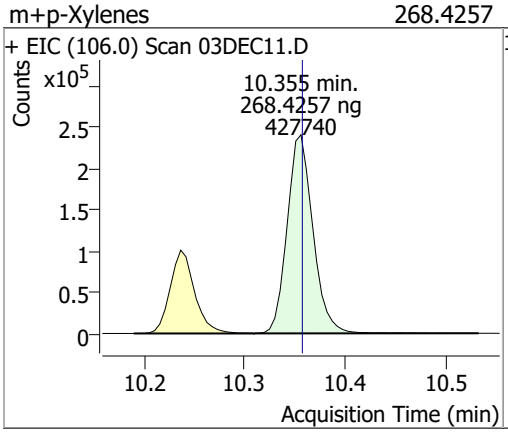
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	132.1453	10.24	0.00	557740 (m)	106.0	30.4	0.4	60.4

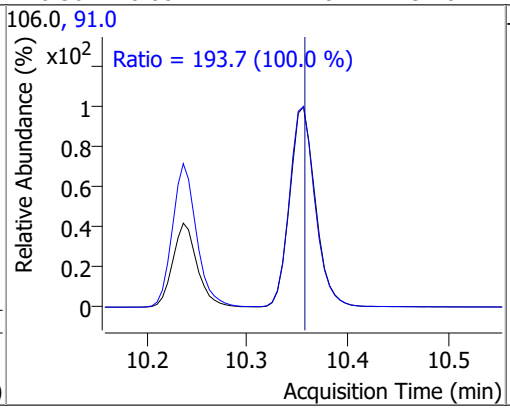


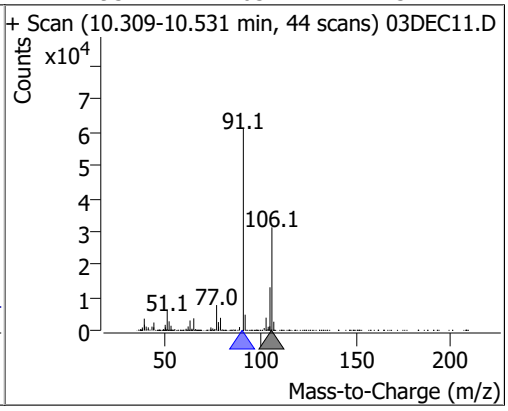




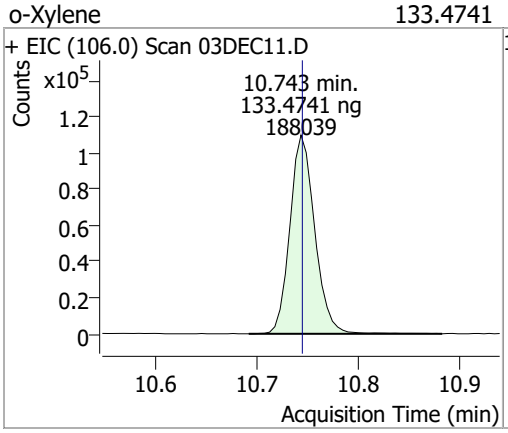
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	268.4257	10.36	0.00	427740	91.0	193.7	163.7	223.7

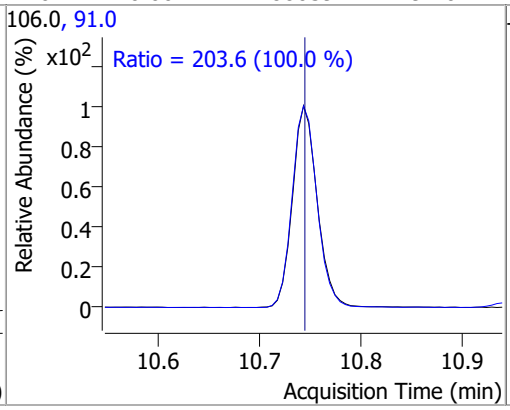


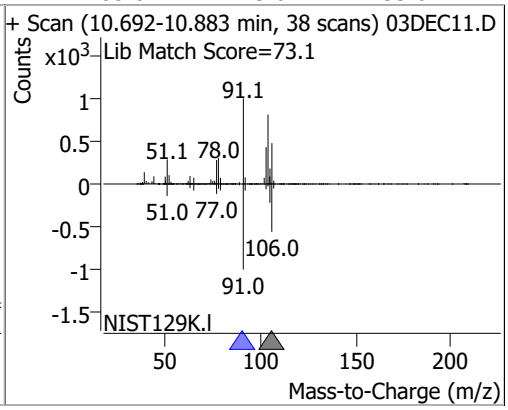




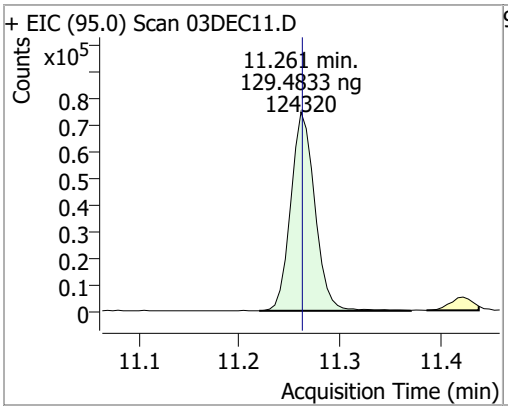
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	133.4741	10.74	0.00	188039	91.0	203.6	173.6	233.6

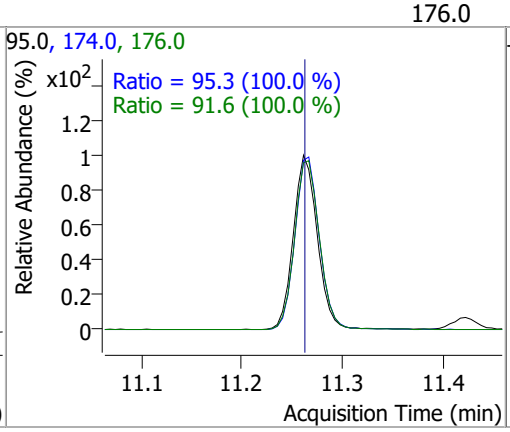


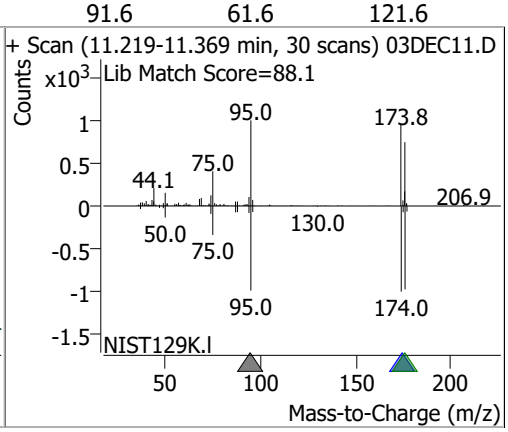




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	129.4833	11.26	0.00	124320	174.0	95.3	65.3	125.3
					176.0	91.6	61.6	121.6

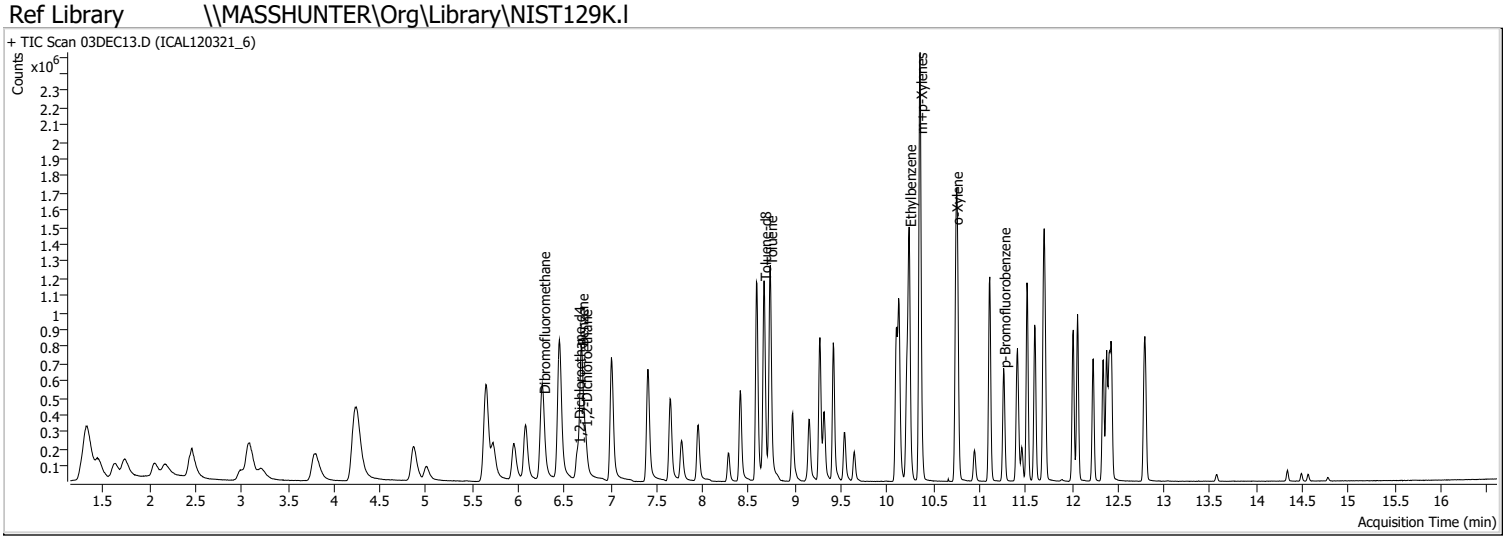






Quantitation Results Report (QT Reviewed)

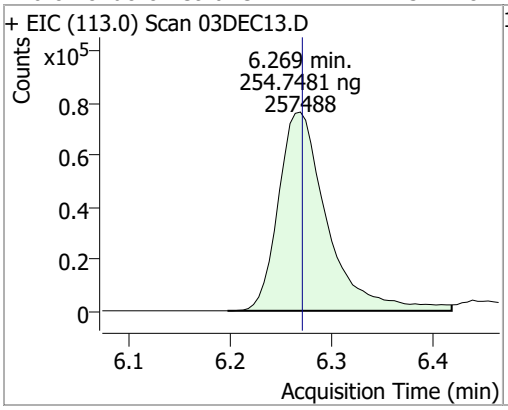
Data File	03DEC13.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/3/2021 4:09:00 PM
Sample Name	ICAL120321_6	Instrument	GC/MS Ins
Vial	13	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120321_8260B_624pt1_L4.batch.bin	Last Calib Update	12/6/2021 11:27:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

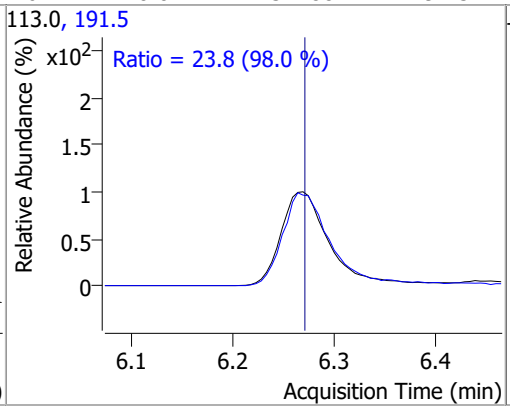


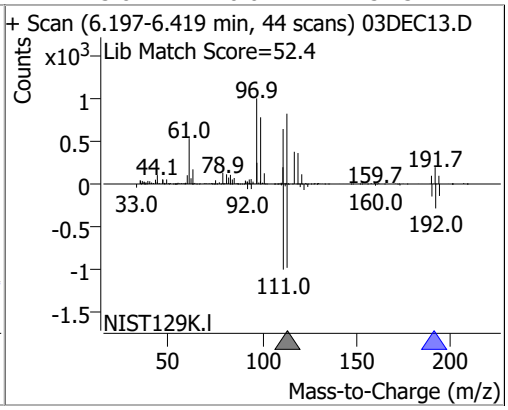
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.009	96.0	1013135	250.0000	ng	-0.005
M Chlorobenzene-d5	10.097	82.0	299610	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.404	152.0	202725	250.0000	ng	0.000
System Monitoring Compounds						
S Dibromofluoromethane	6.269	113.0	257488	254.7481	ng	-0.005
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 101.90%		
S 1,2-Dichloroethane-d4	6.647	67.0	92587	238.9801	ng	0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 95.59%		
S Toluene-d8	8.664	98.0	922467	250.5779	ng	0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 100.23%		
S p-Bromofluorobenzene	11.261	95.0	232375	247.1896	ng	0.000
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 98.88%		
Target Compounds						**QValue**
T Benzene	6.683	78.0	1079907	255.8218	ng	100
T 1,2-Dichloroethane	6.724	62.0	197450	261.9884	ng	99
T Toluene	8.731	92.0	664460	262.2903	ng	99
T Ethylbenzene	10.237	91.0	1079825	257.6433	ng	100
T m+p-Xylenes	10.355	106.0	822284	519.6511	ng	99
T o-Xylene	10.743	106.0	364992	260.9025	ng	99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

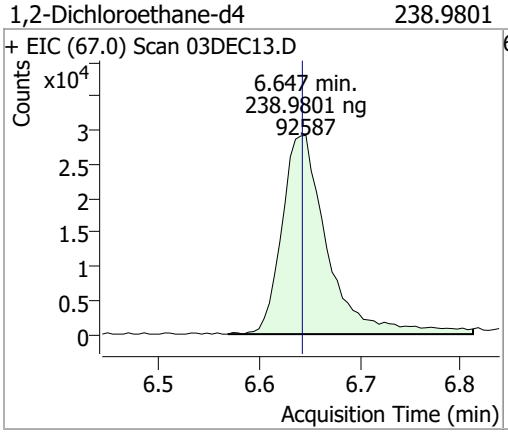
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	254.7481	6.27	-0.01	257488	191.5	23.8	0.0	54.3

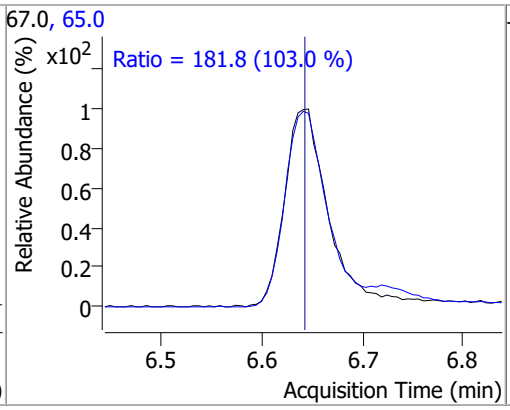


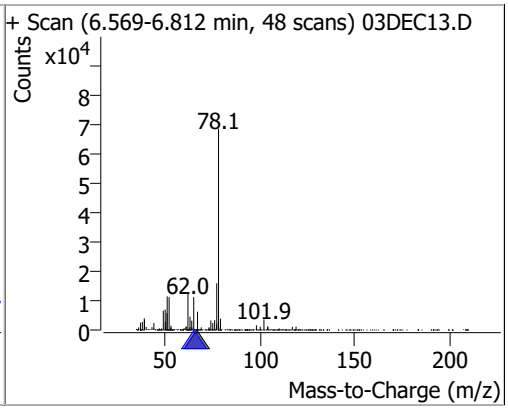




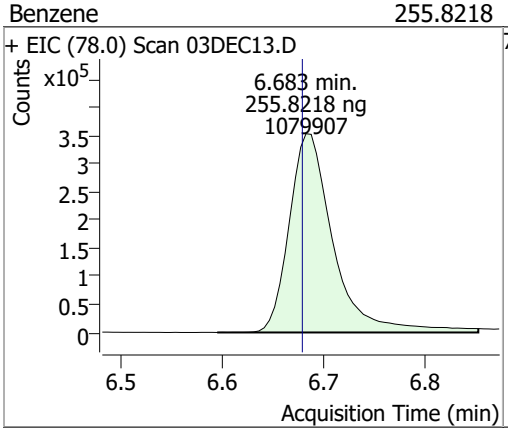
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	238.9801	6.65	0.00	92587	65.0	181.8	146.6	206.6

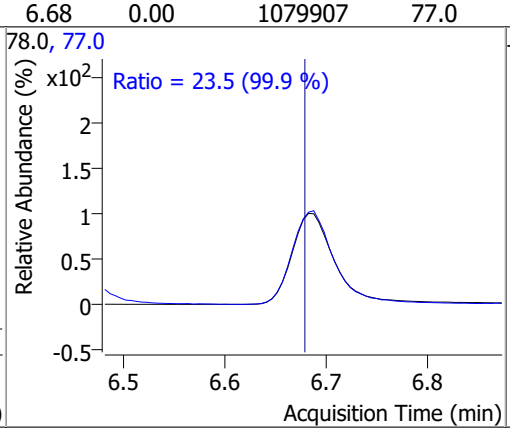


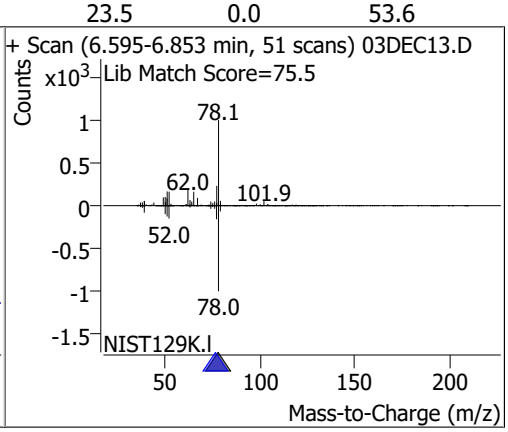




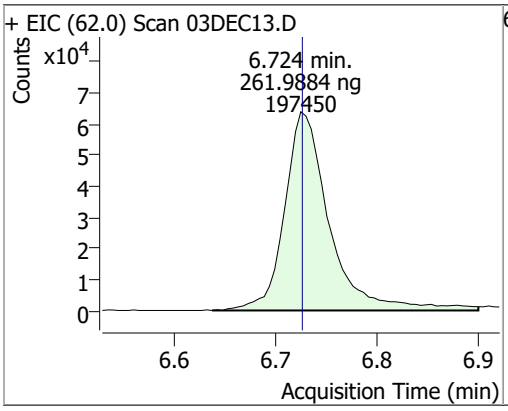
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	255.8218	6.68	0.00	1079907	77.0	23.5	0.0	53.6

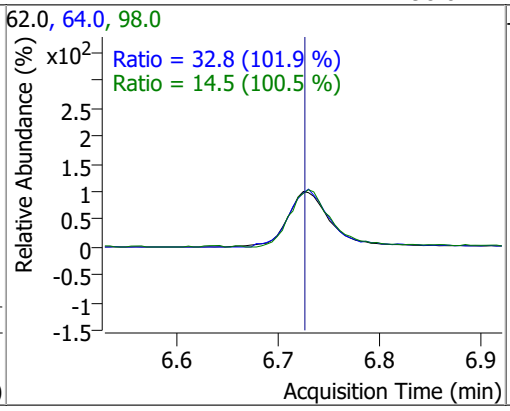


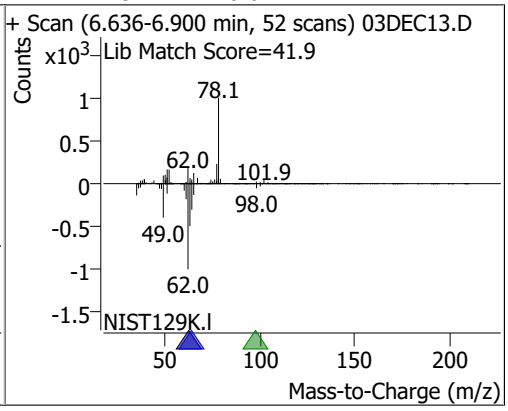




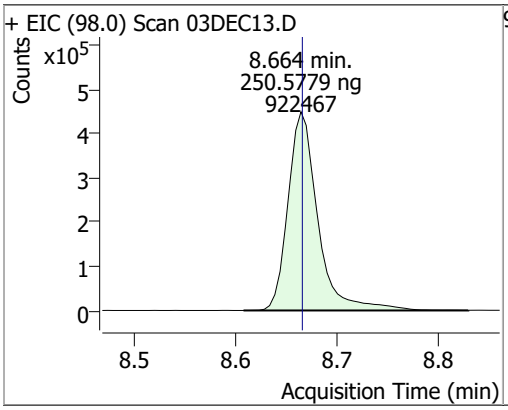
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	261.9884	6.72	-0.01	197450	64.0	32.8	2.2	62.2
					98.0	14.5	0.0	44.4

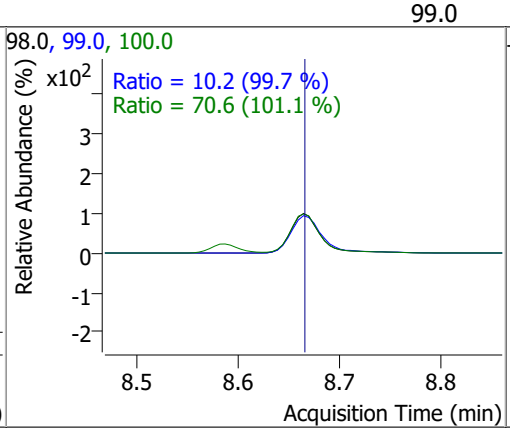


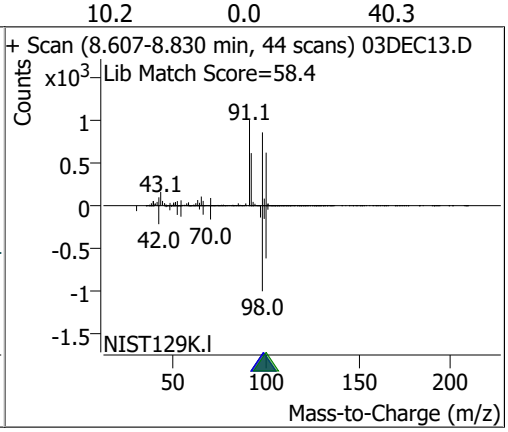




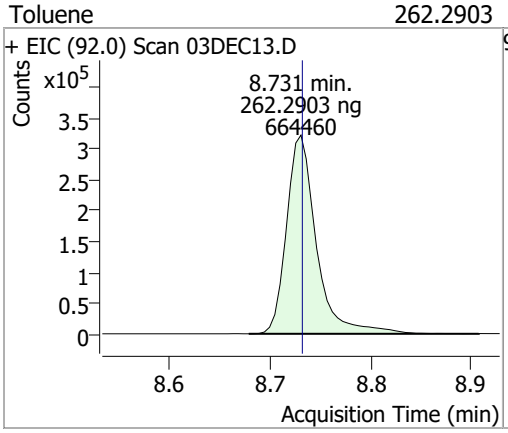
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	250.5779	8.66	0.00	922467	100.0	70.6	39.9	99.9
					99.0	10.2	0.0	40.3

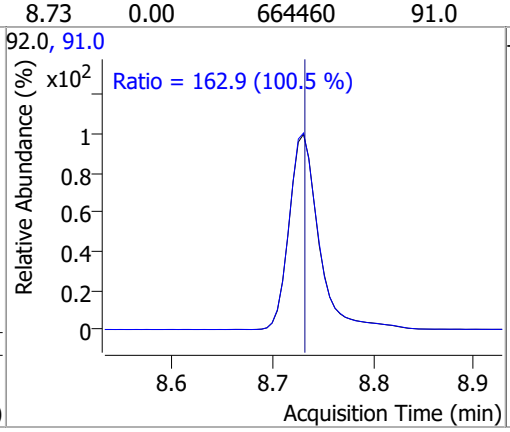


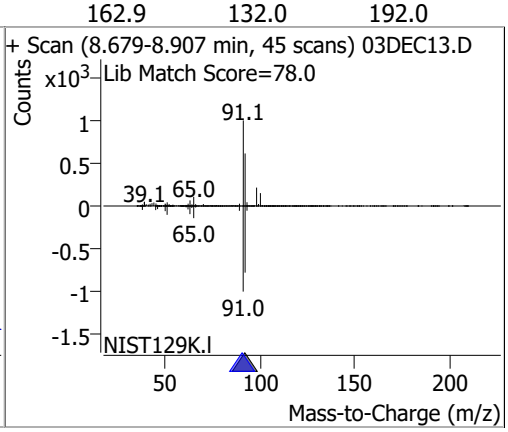




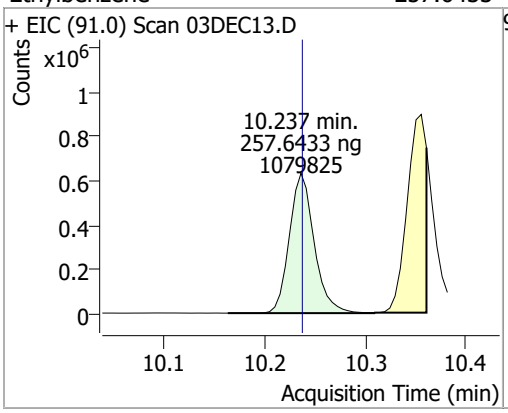
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	262.2903	8.73	0.00	664460	91.0	162.9	132.0	192.0

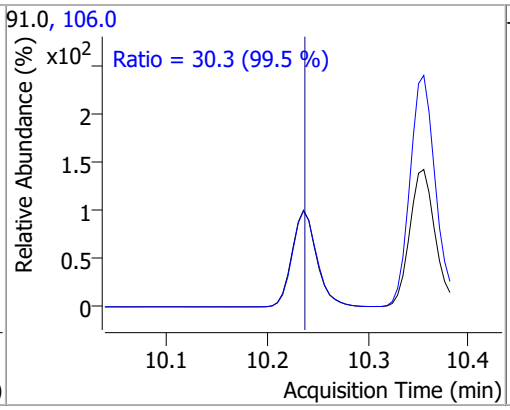


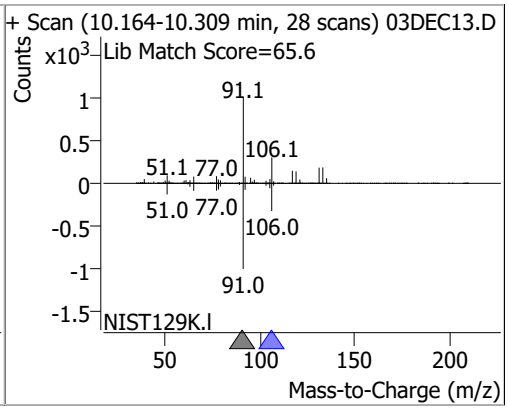




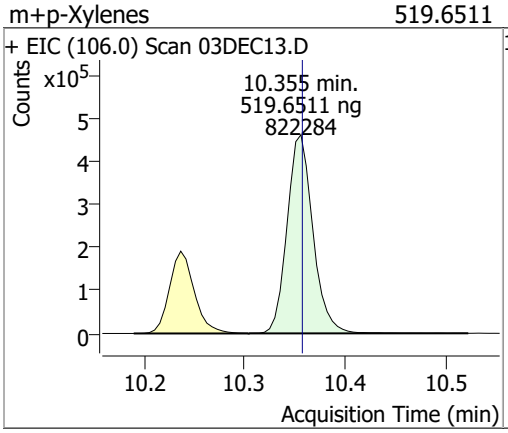
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	257.6433	10.24	0.00	1079825	106.0	30.3	0.4	60.4

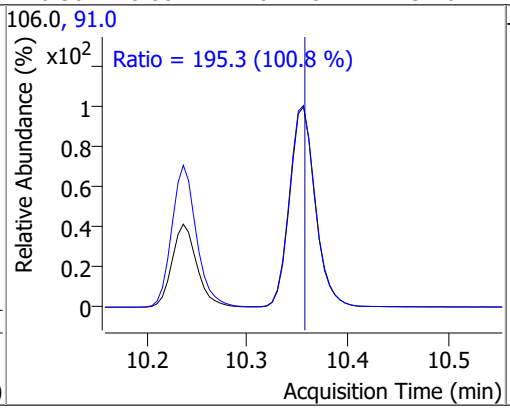


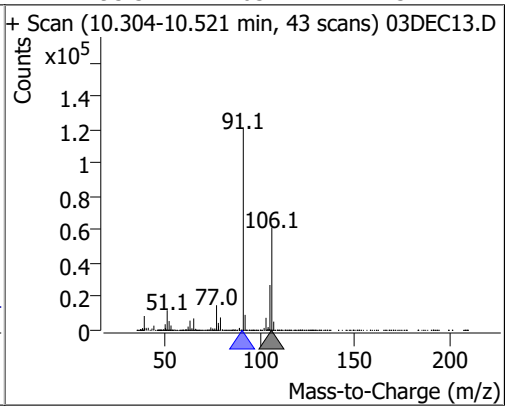




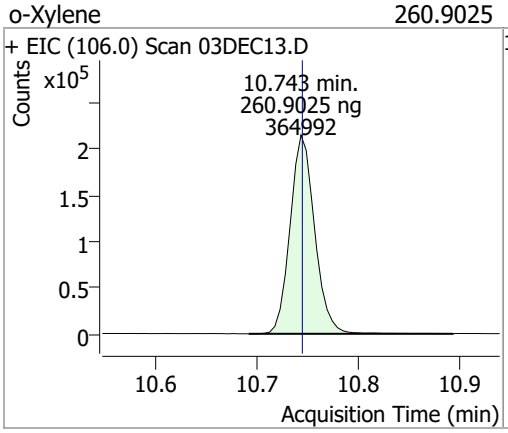
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	519.6511	10.36	0.00	822284	91.0	195.3	163.7	223.7

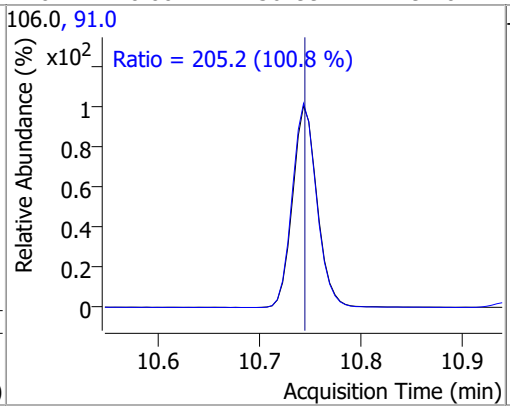


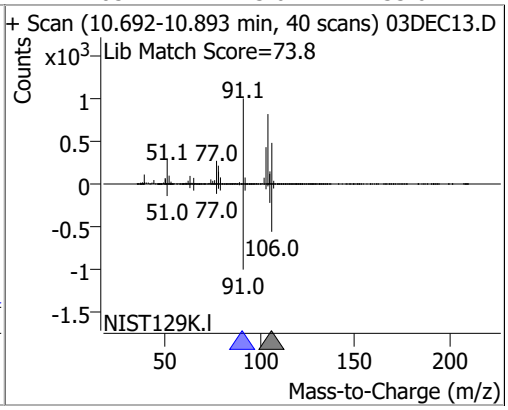




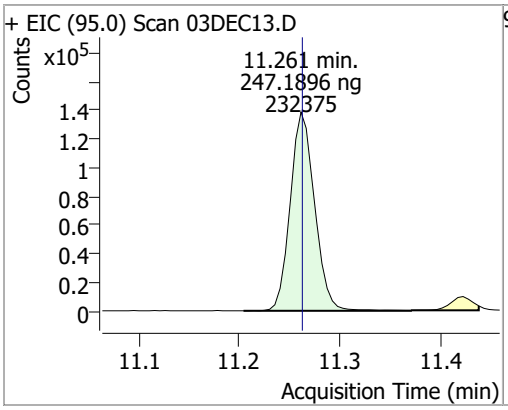
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	260.9025	10.74	0.00	364992	91.0	205.2	173.6	233.6

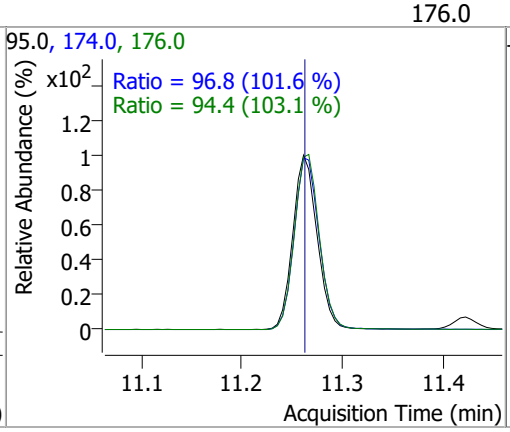


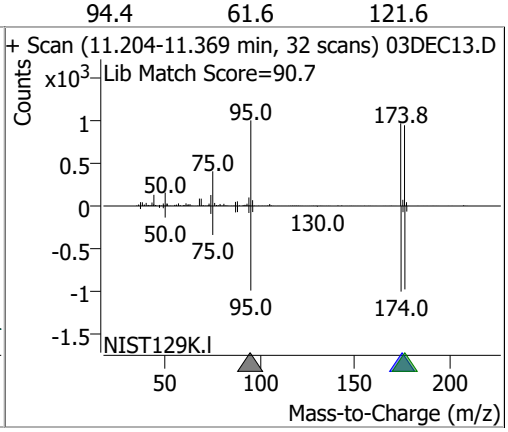




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	247.1896	11.26	0.00	232375	174.0	96.8	65.3	125.3
					176.0	94.4	61.6	121.6



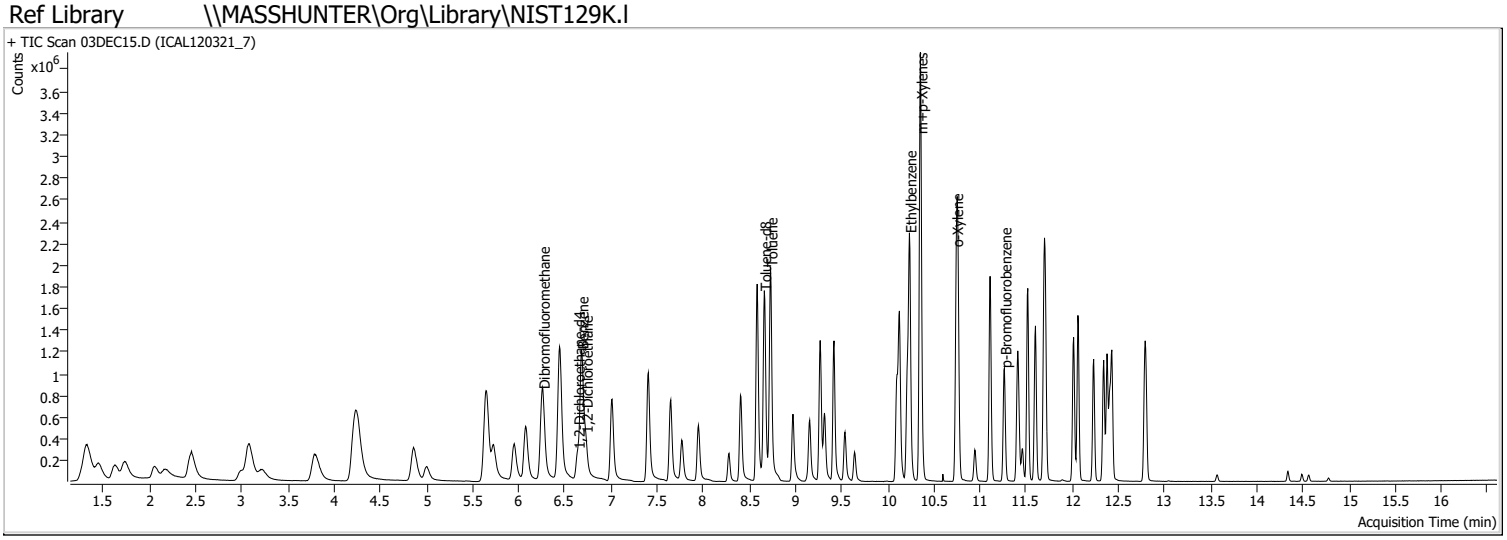




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

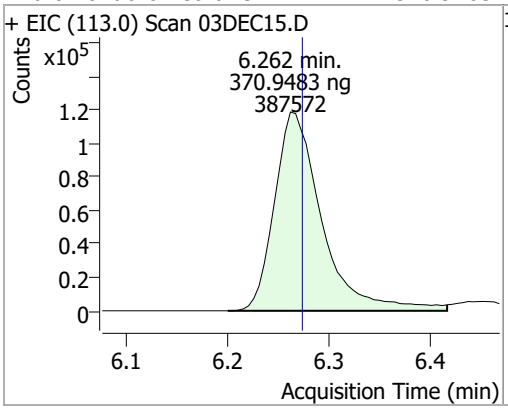
Data File	03DEC15.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/3/2021 5:00:00 PM
Sample Name	ICAL120321_7	Instrument	GC/MS Ins
Vial	15	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120321_8260B_624pt1_L4.batch.bin	Last Calib Update	12/6/2021 11:27:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

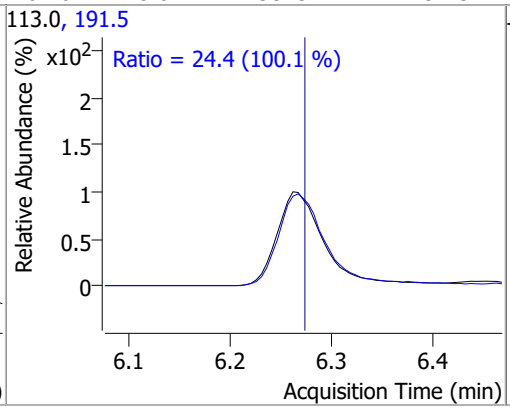


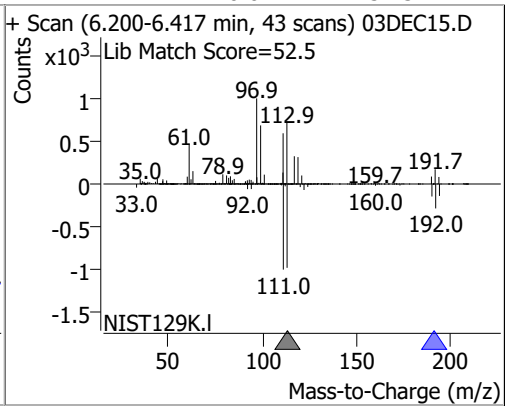
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	7.012	96.0	1047274	250.0000	ng		-0.002
M Chlorobenzene-d5	10.095	82.0	311846	250.0000	ng		-0.002
M 1,4-Dichlorobenzene-d4	12.402	152.0	213801	250.0000	ng		-0.002
System Monitoring Compounds							
S Dibromofluoromethane	6.262	113.0	387572	370.9483	ng		-0.012
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 148.38%		*	
S 1,2-Dichloroethane-d4	6.640	67.0	138536	345.9245	ng		-0.007
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 138.37%		*	
S Toluene-d8	8.662	98.0	1395369	364.1641	ng		-0.002
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 145.67%		*	
S p-Bromofluorobenzene	11.264	95.0	365345	368.5035	ng		0.004
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 147.40%		*	
Target Compounds							**QValue**
T Benzene	6.681	78.0	1635422	374.7900	ng		100
T 1,2-Dichloroethane	6.728	62.0	298933	383.7124	ng		99
T Toluene	8.730	92.0	1014549	384.7712	ng		100
T Ethylbenzene	10.235	91.0	1651315	378.5398	ng		100
T m+p-Xylenes	10.354	106.0	1262087	766.2940	ng		99
T o-Xylene	10.742	106.0	560487	384.9254	ng		99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

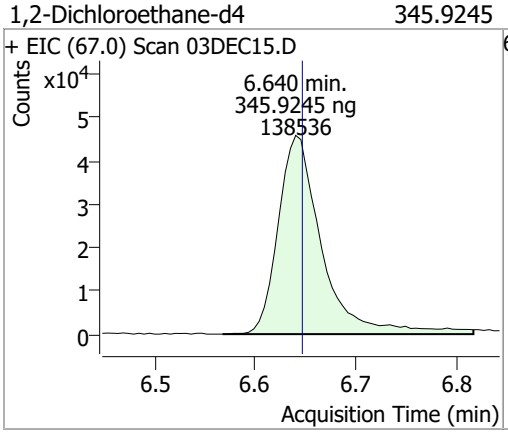
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	370.9483	6.26	-0.01	387572	191.5	24.4	0.0	54.3

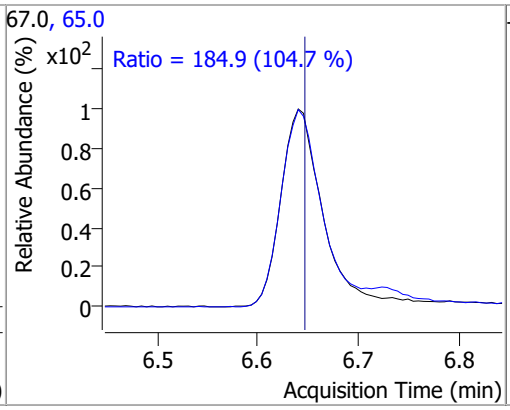


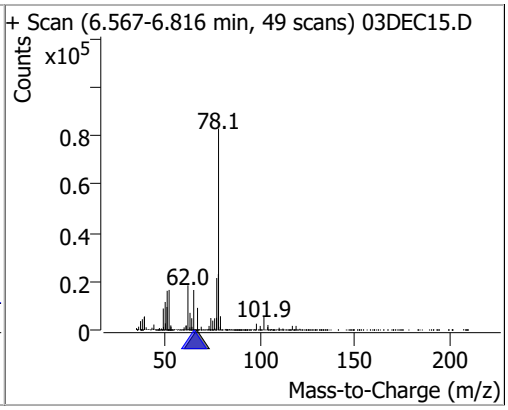




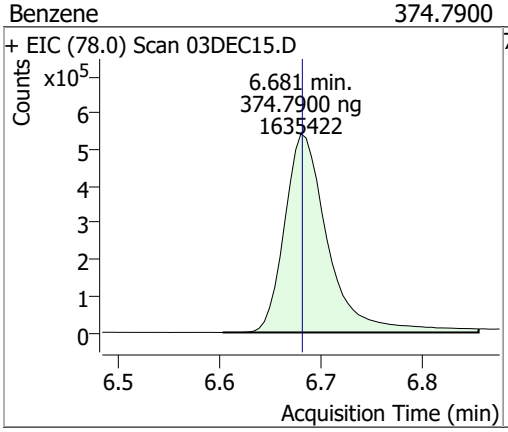
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	345.9245	6.64	-0.01	138536	65.0	184.9	146.6	206.6

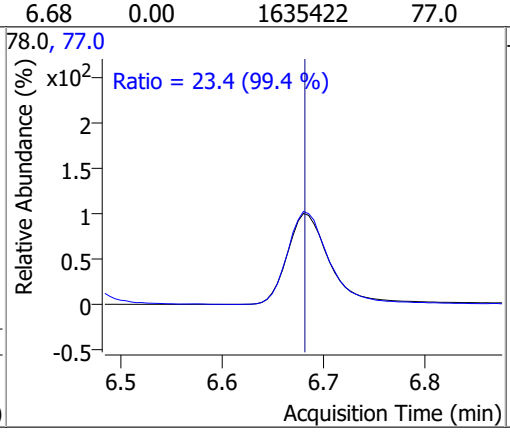


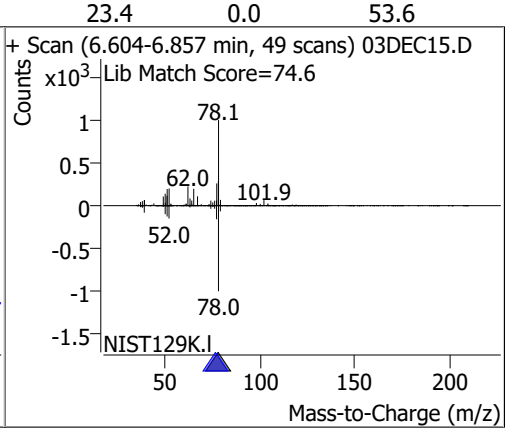




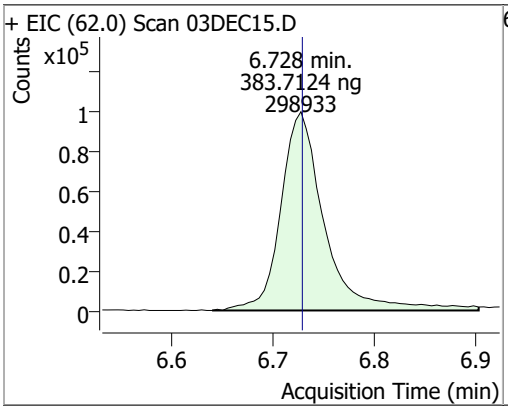
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	374.7900	6.68	0.00	1635422	77.0	23.4	0.0	53.6

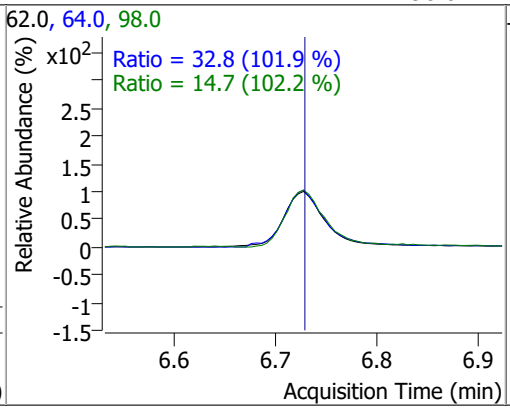


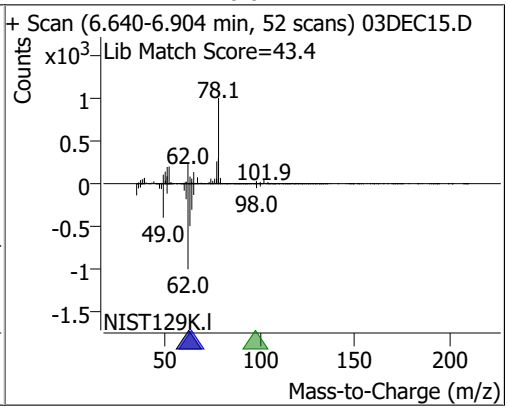




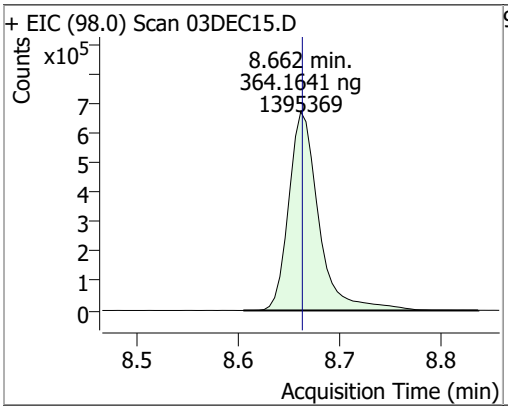
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	383.7124	6.73	0.00	298933	64.0	32.8	2.2	62.2
					98.0	14.7	0.0	44.4

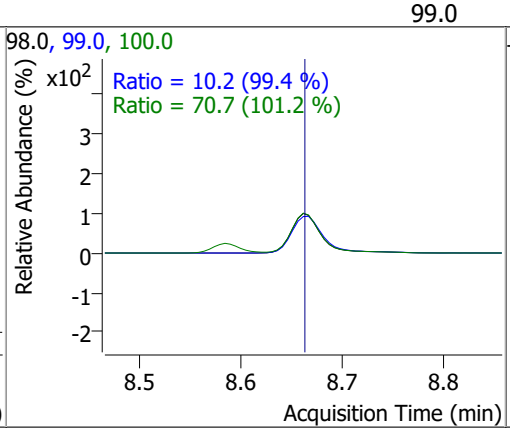


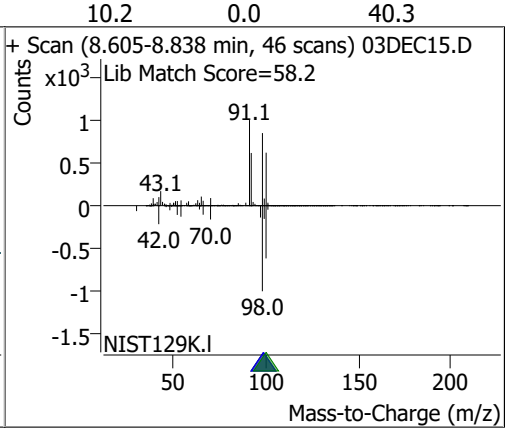




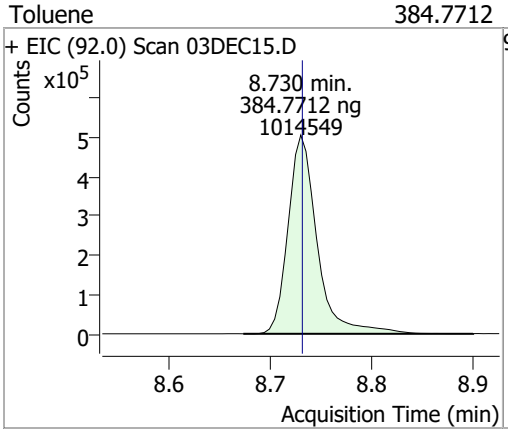
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	364.1641	8.66	0.00	1395369	100.0	70.7	39.9	99.9
					99.0	10.2	0.0	40.3

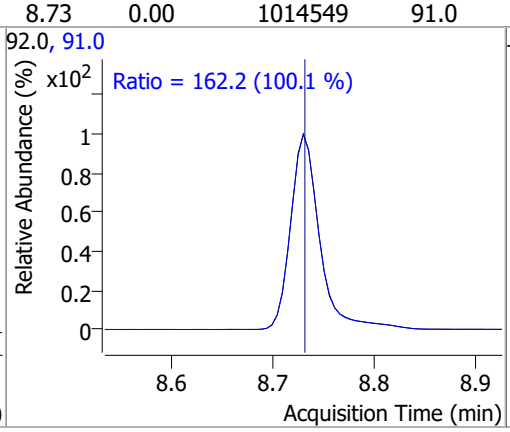


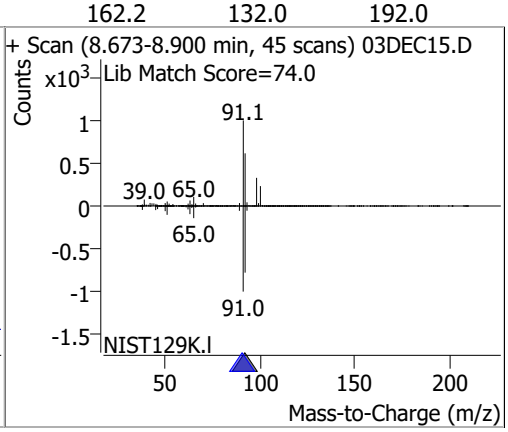




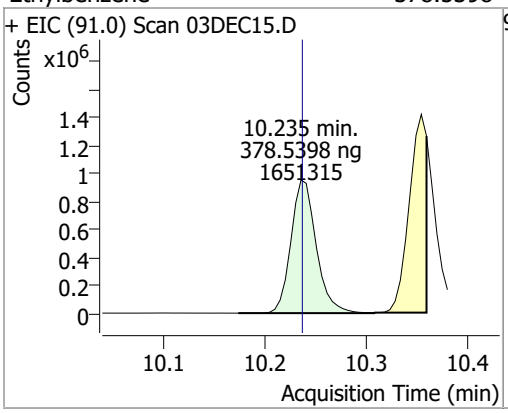
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	384.7712	8.73	0.00	1014549	91.0	162.2	132.0	192.0

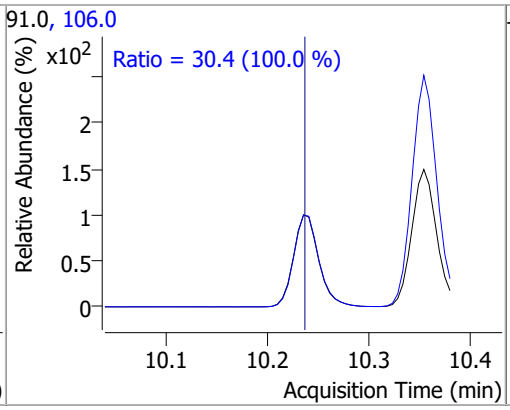


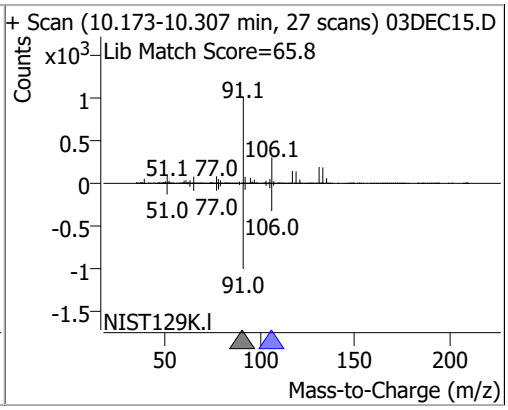




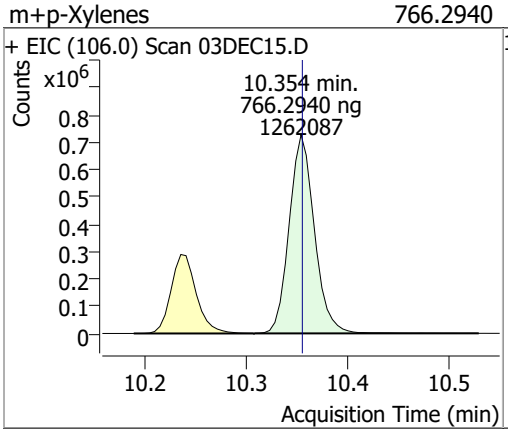
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	378.5398	10.23	0.00	1651315	106.0	30.4	0.4	60.4

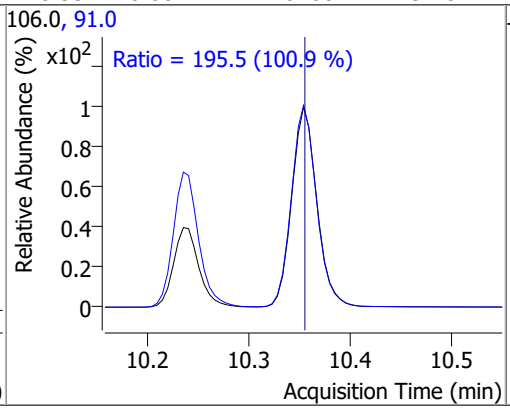


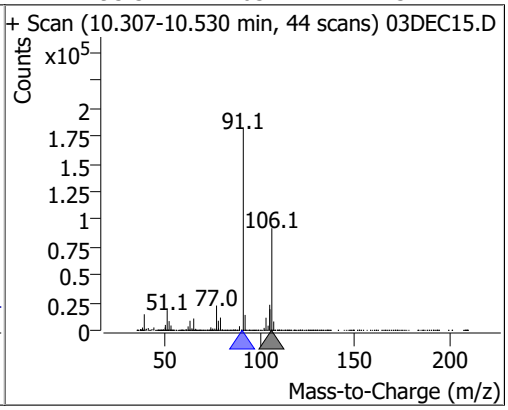




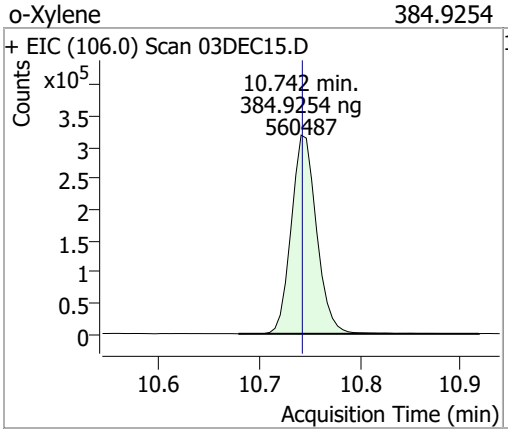
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	766.2940	10.35	0.00	1262087	91.0	195.5	163.7	223.7

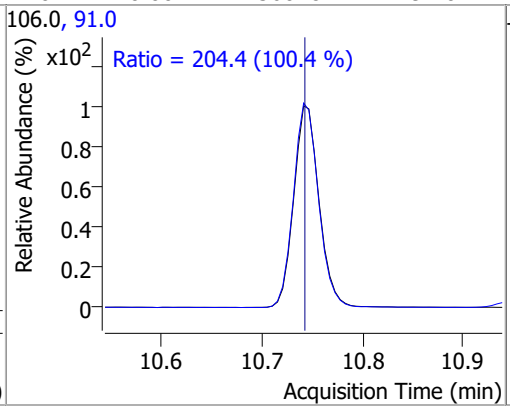


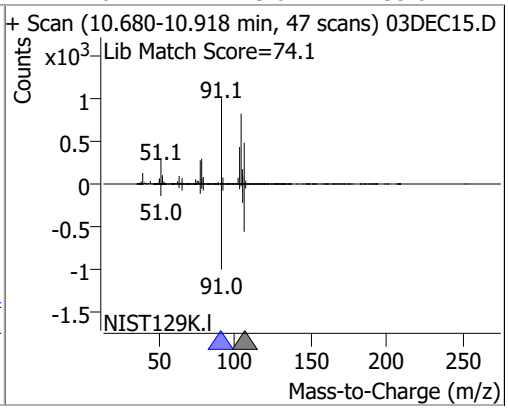




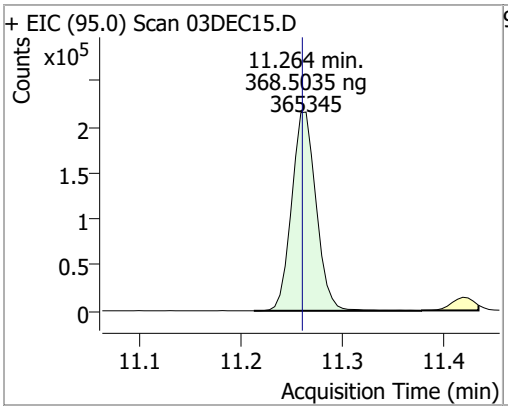
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	384.9254	10.74	0.00	560487	91.0	204.4	173.6	233.6

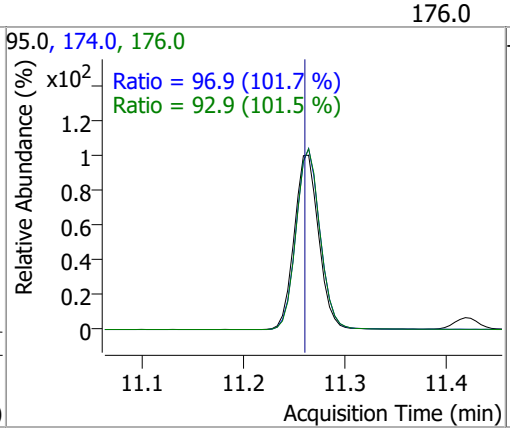


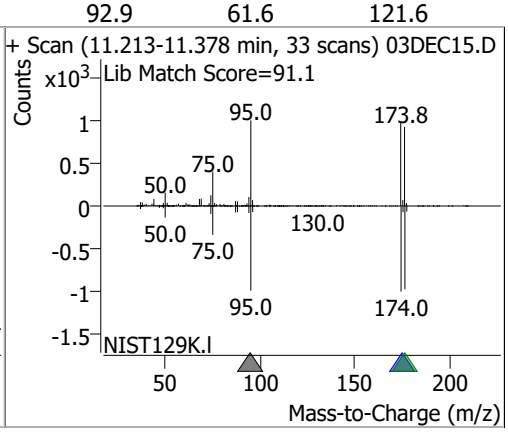




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	368.5035	11.26	0.00	365345	174.0	96.9	65.3	125.3
					176.0	92.9	61.6	121.6

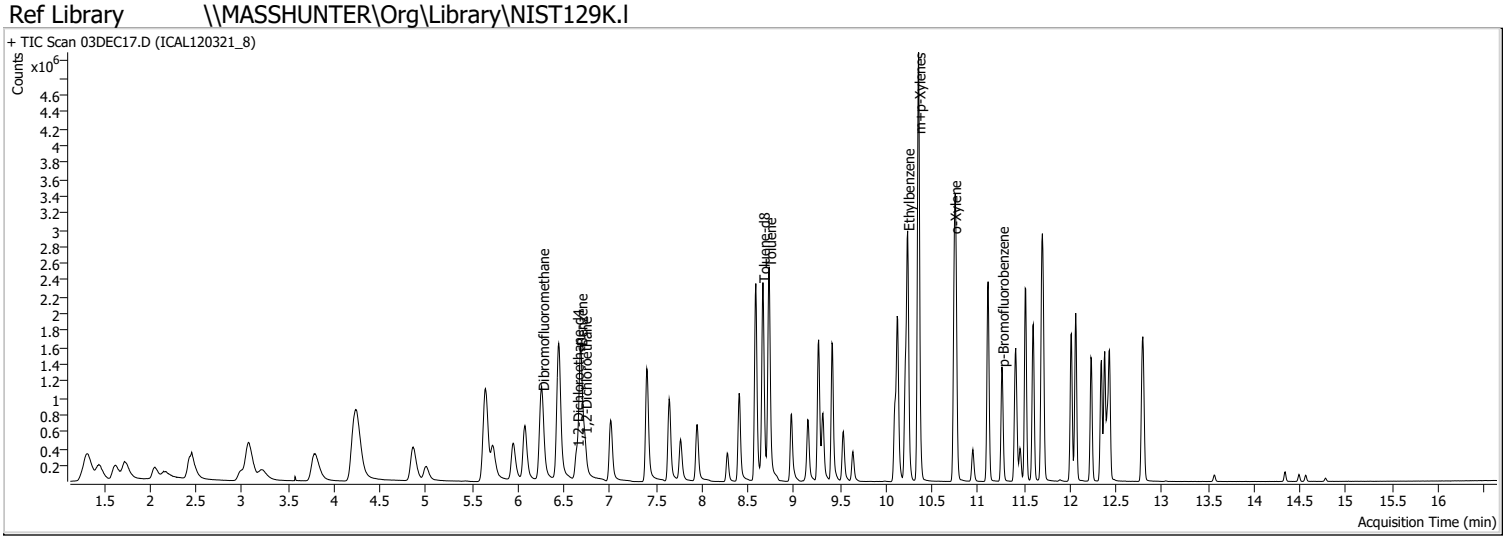






Quantitation Results Report (QT Reviewed)

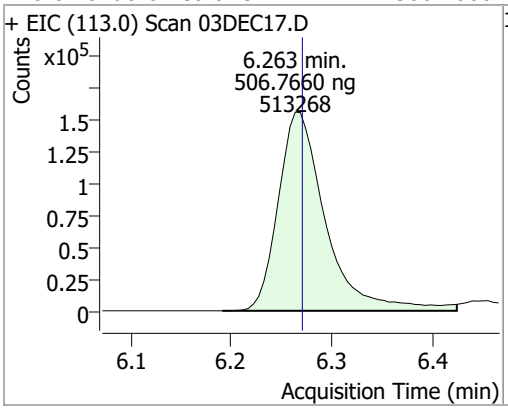
Data File	03DEC17.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/3/2021 5:51:00 PM
Sample Name	ICAL120321_8	Instrument	GC/MS Ins
Vial	17	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120321_8260B_624pt1_L4.batch.bin	Last Calib Update	12/6/2021 11:27:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

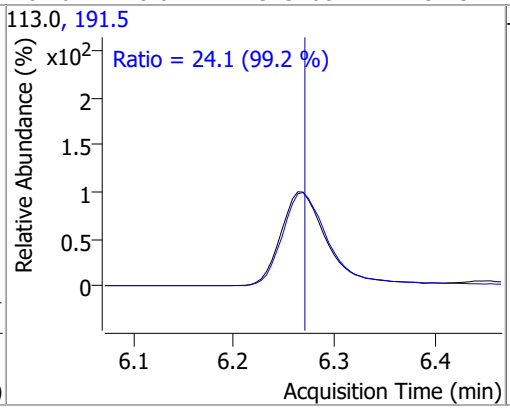


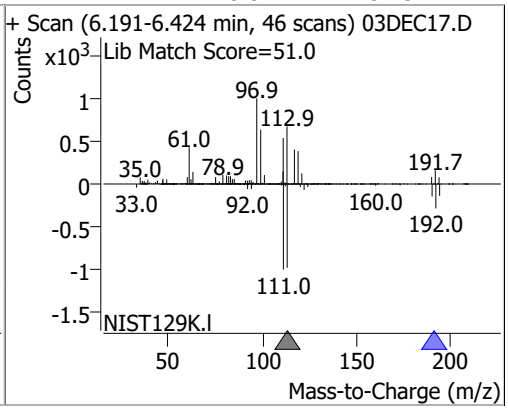
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	7.008	96.0	1015215	250.0000	ng		-0.005
M Chlorobenzene-d5	10.097	82.0	299661	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.404	152.0	208223	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	6.263	113.0	513268	506.7660	ng		-0.011
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 202.71%		*	
S 1,2-Dichloroethane-d4	6.641	67.0	180654	465.3381	ng		-0.005
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 186.14%		*	
S Toluene-d8	8.664	98.0	1836967	498.9067	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 199.56%		*	
S p-Bromofluorobenzene	11.260	95.0	475104	492.0488	ng		0.000
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 196.82%		*	
Target Compounds							**QValue**
T Benzene	6.682	78.0	2157964	510.1580	ng		100
T 1,2-Dichloroethane	6.729	62.0	399151	528.5323	ng		99
T Toluene	8.731	92.0	1323337	522.2878	ng		99
T Ethylbenzene	10.236	91.0	2161588	515.6612	ng		100
T m+p-Xylenes	10.355	106.0	1637853	1034.8824	ng		99
T o-Xylene	10.743	106.0	730880	522.3566	ng		99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

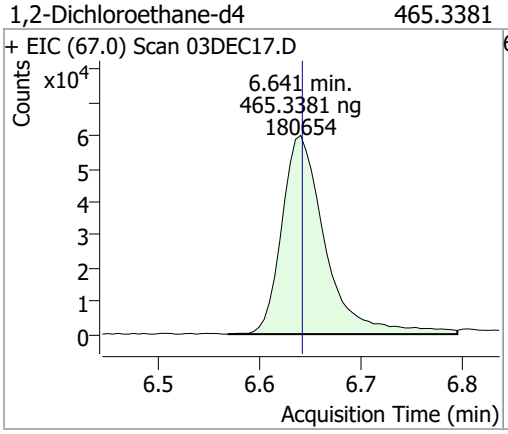
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	506.7660	6.26	-0.01	513268	191.5	24.1	0.0	54.3

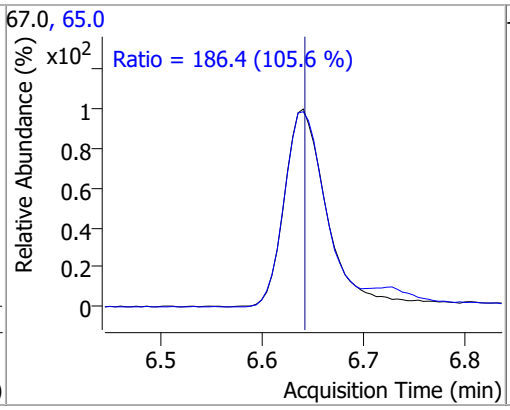


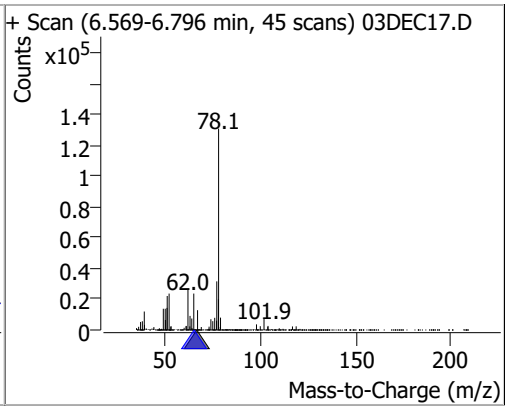




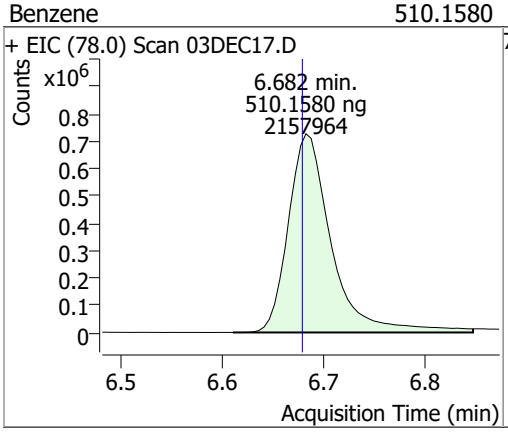
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	465.3381	6.64	-0.01	180654	65.0	186.4	146.6	206.6

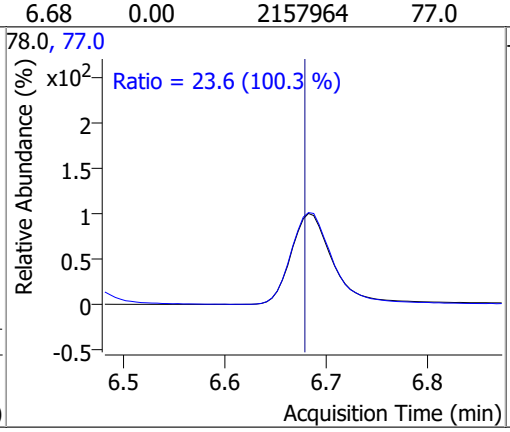


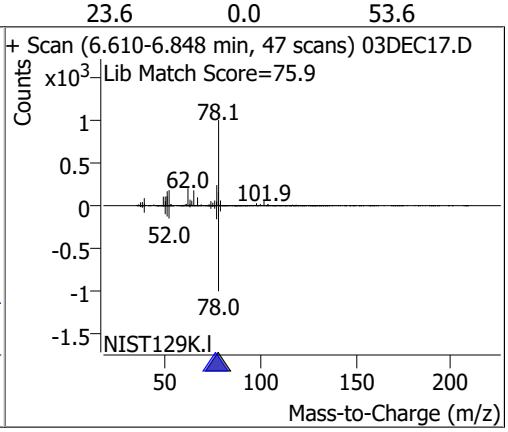




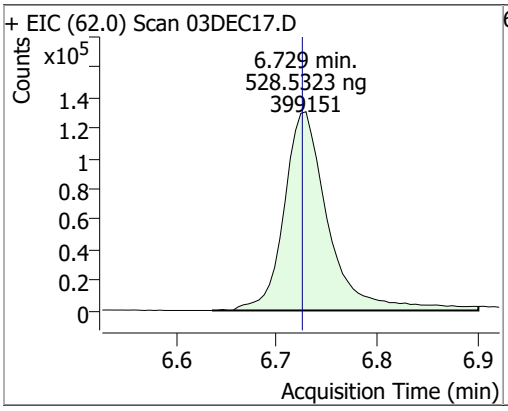
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	510.1580	6.68	0.00	2157964	77.0	23.6	0.0	53.6

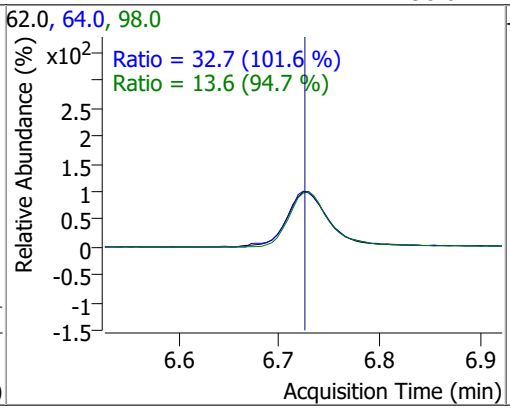


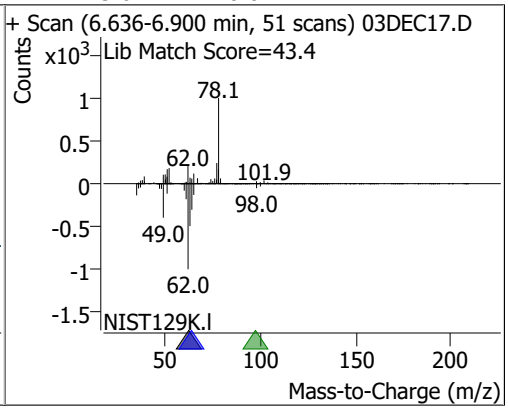




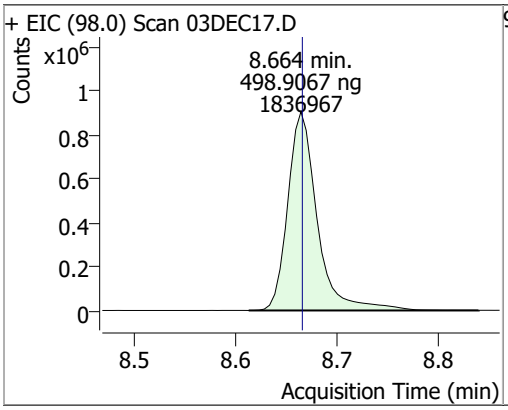
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	528.5323	6.73	0.00	399151	64.0	32.7	2.2	62.2
					98.0	13.6	0.0	44.4

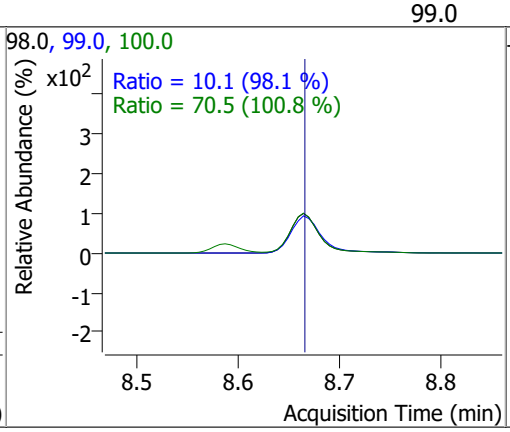


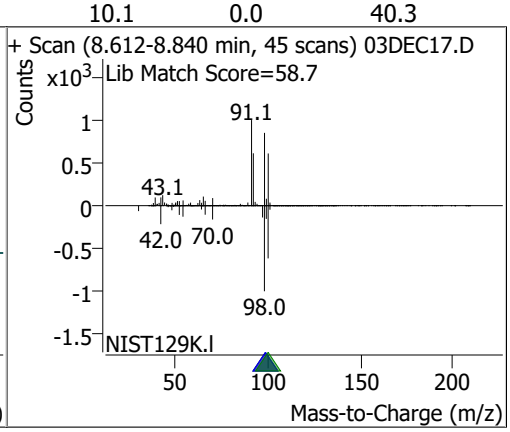




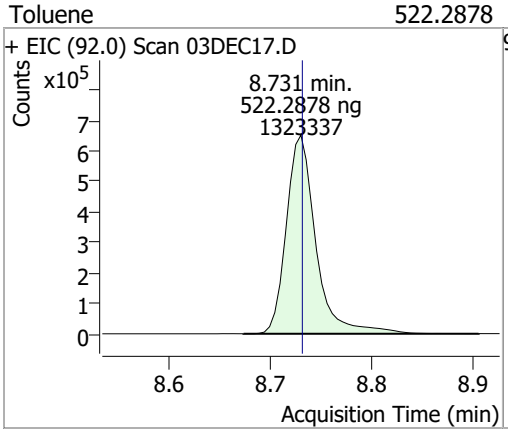
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	498.9067	8.66	0.00	1836967	100.0	70.5	39.9	99.9
					99.0	10.1	0.0	40.3

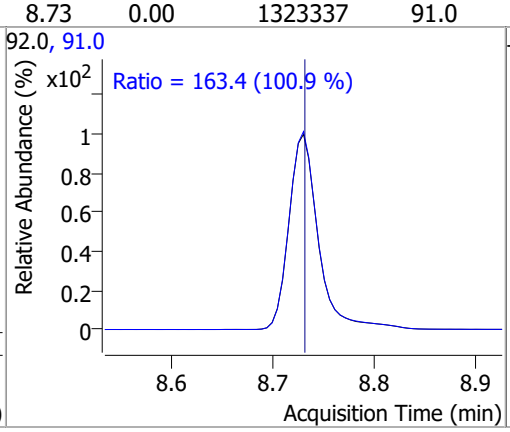


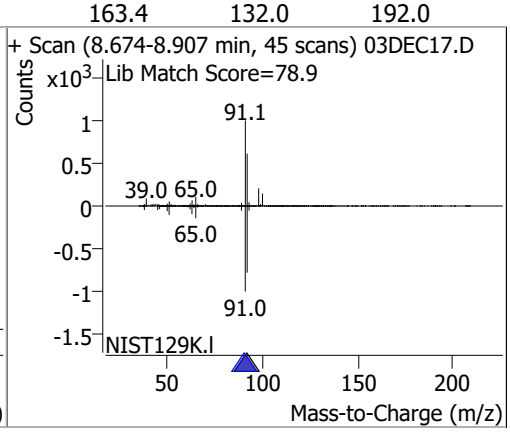




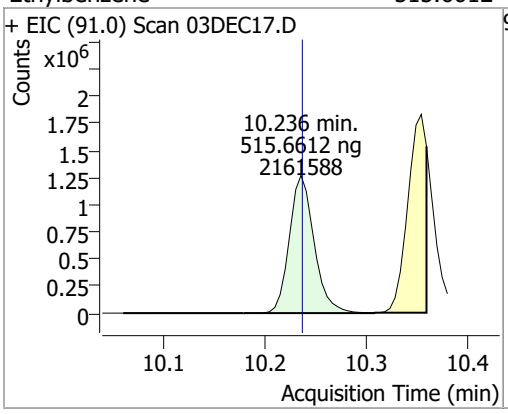
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	522.2878	8.73	0.00	1323337	91.0	163.4	132.0	192.0

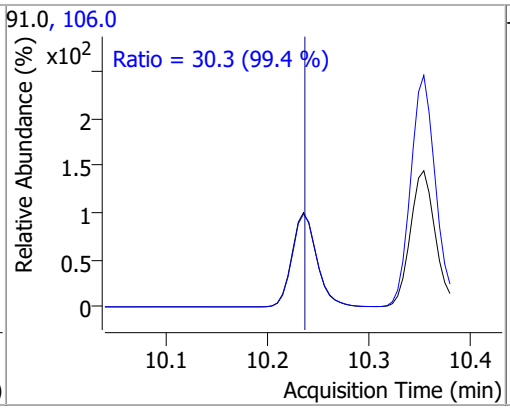


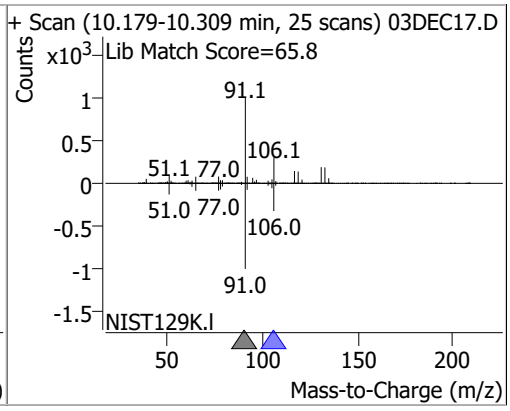




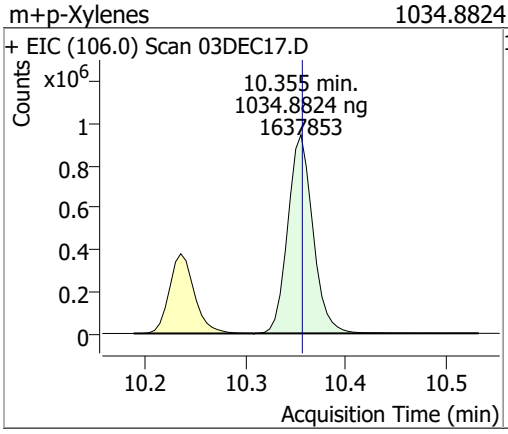
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	515.6612	10.24	0.00	2161588	106.0	30.3	0.4	60.4

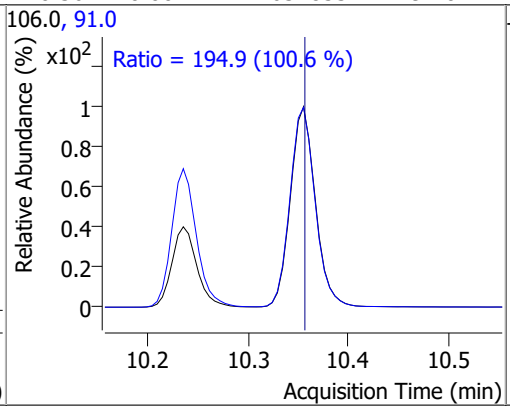


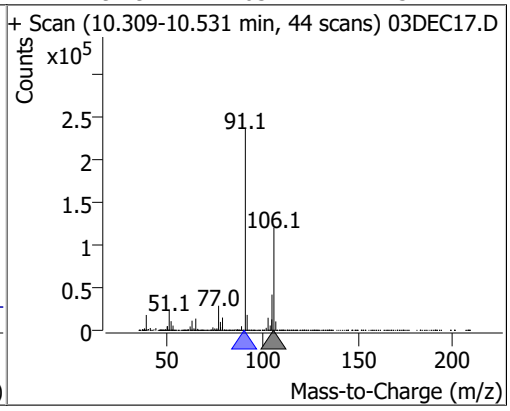




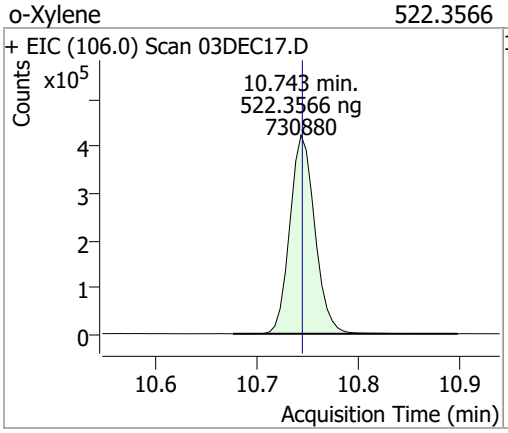
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	1034.8824	10.36	0.00	1637853	91.0	194.9	163.7	223.7

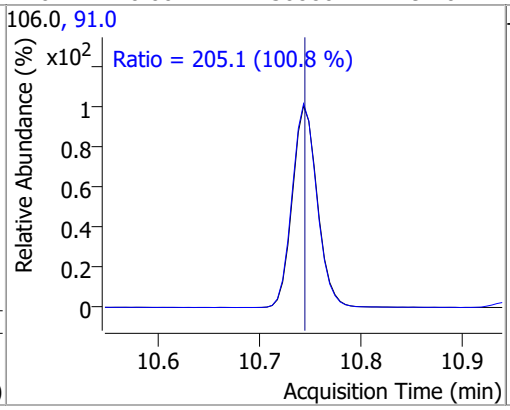


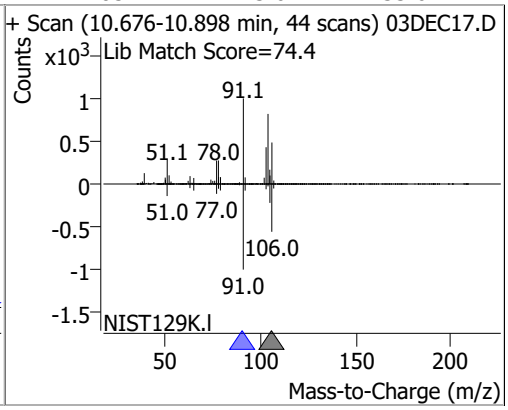




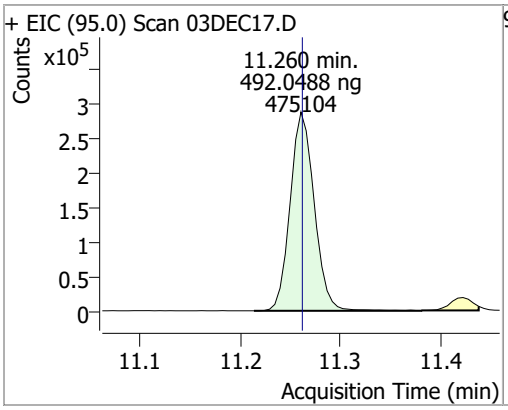
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	522.3566	10.74	0.00	730880	91.0	205.1	173.6	233.6

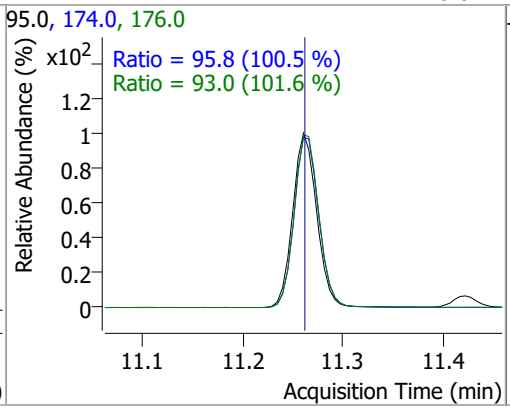


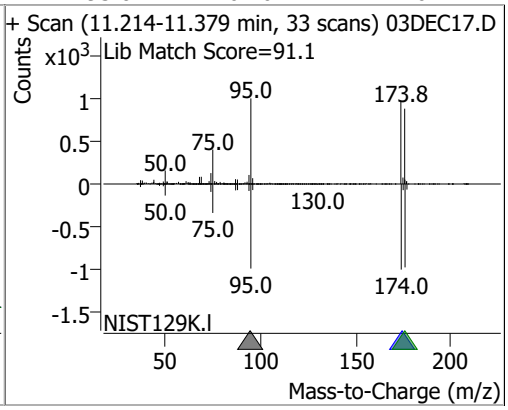




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	492.0488	11.26	0.00	475104	174.0	95.8	65.3	125.3
					176.0	93.0	61.6	121.6

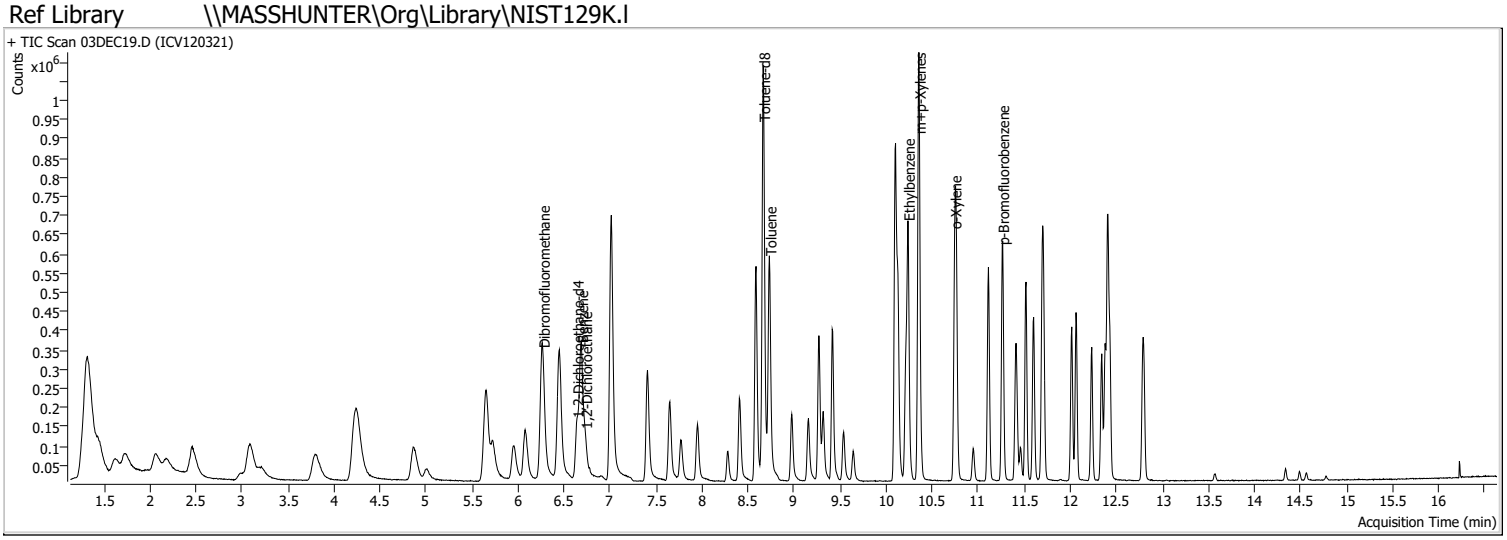






Quantitation Results Report (QT Reviewed)

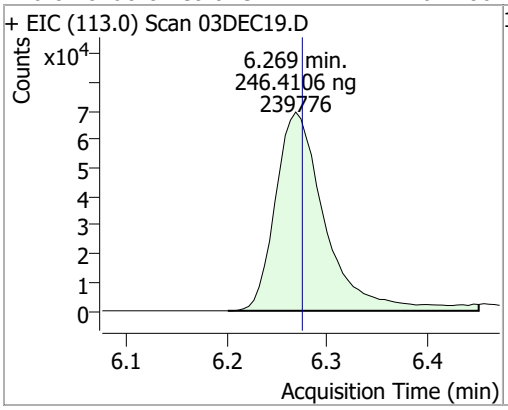
Data File	03DEC19.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/3/2021 6:42:00 PM
Sample Name	ICV120321	Instrument	GC/MS Ins
Vial	19	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120321_8260B_624pt1_L4.batch.bin	Last Calib Update	12/6/2021 11:27:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

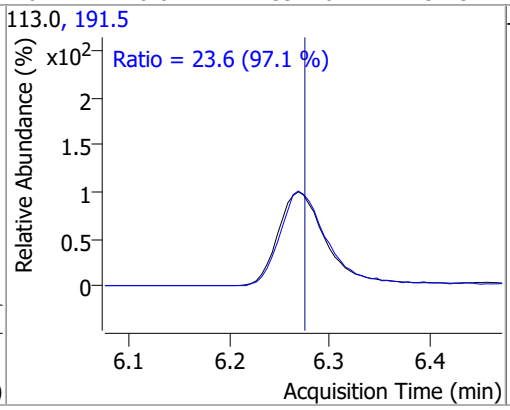


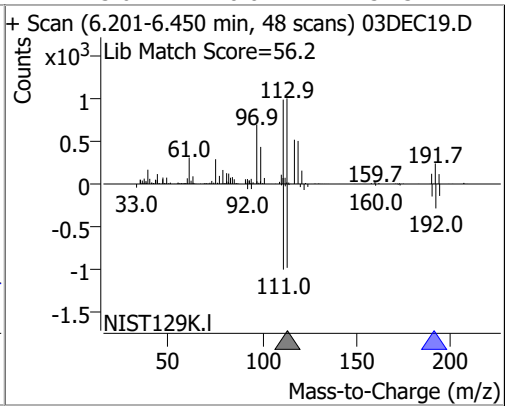
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.013	96.0	975366	250.0000	ng	0.000
M Chlorobenzene-d5	10.096	82.0	297342	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.404	152.0	196540	250.0000	ng	0.000
System Monitoring Compounds						
S Dibromofluoromethane	6.269	113.0	239776	246.4106	ng	-0.006
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 98.56%		
S 1,2-Dichloroethane-d4	6.641	67.0	85131	228.2439	ng	-0.006
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 91.30%		
S Toluene-d8	8.664	98.0	855977	234.2901	ng	0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 93.72%		
S p-Bromofluorobenzene	11.260	95.0	222507	244.1411	ng	0.000
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 97.66%		
Target Compounds						**QValue**
T Benzene	6.688	78.0	465506	114.5450	ng	99
T 1,2-Dichloroethane	6.729	62.0	85508	117.8505	ng	99
T Toluene	8.731	92.0	294430	117.1104	ng	99
T Ethylbenzene	10.236	91.0	486146	116.8779	ng	100
T m+p-Xylenes	10.355	106.0	362075	230.5625	ng	99
T o-Xylene	10.743	106.0	165978	119.5489	ng	99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

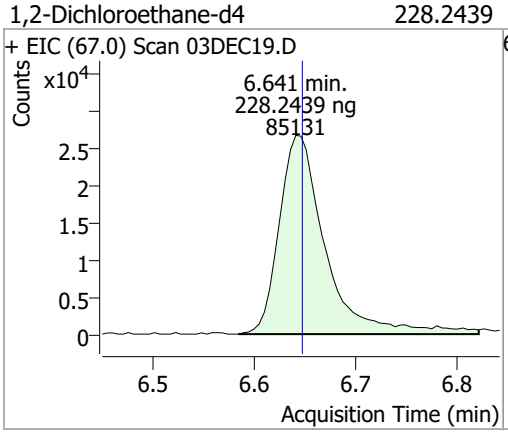
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	246.4106	6.27	-0.01	239776	191.5	23.6	0.0	54.3

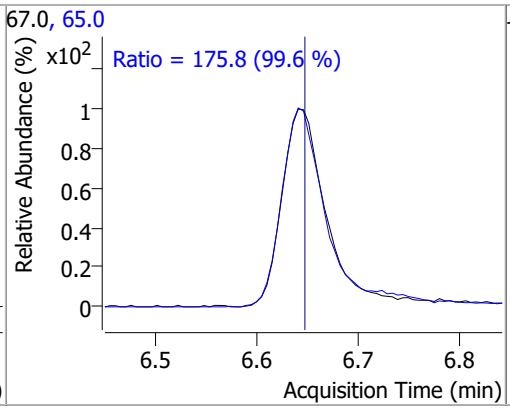


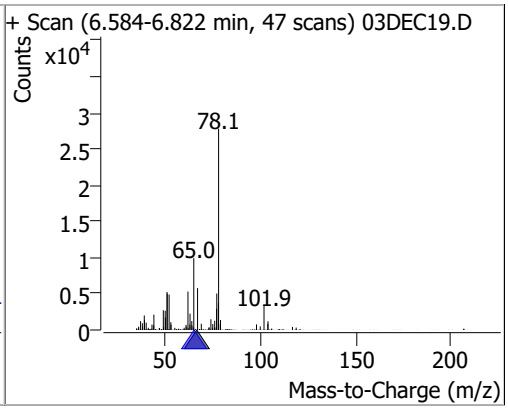




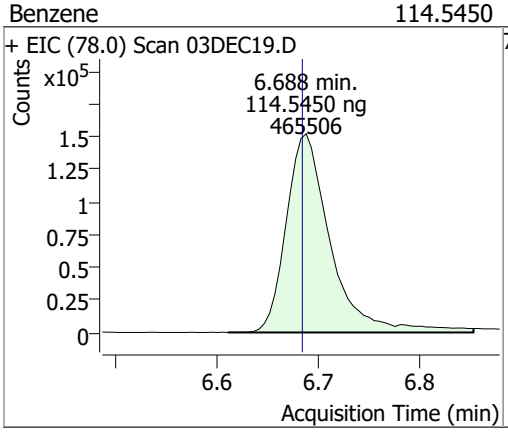
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	228.2439	6.64	-0.01	85131	65.0	175.8	146.6	206.6

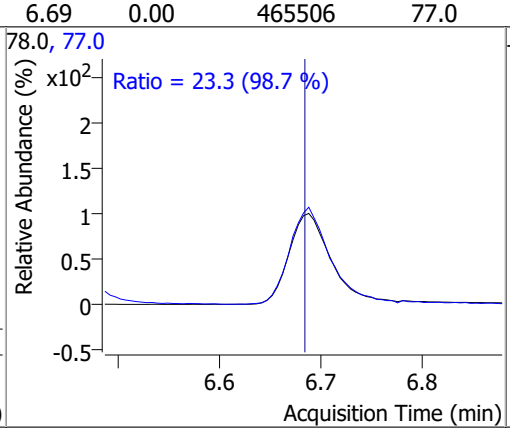


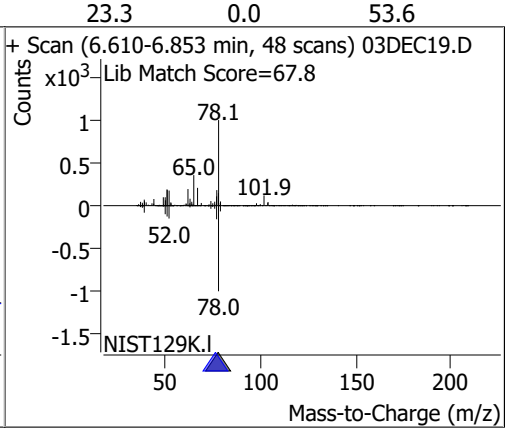




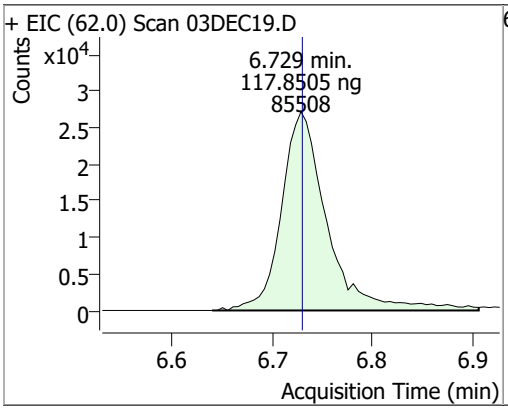
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	114.5450	6.69	0.00	465506	77.0	23.3	0.0	53.6

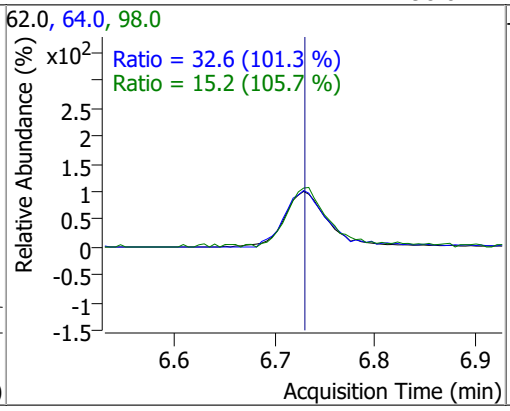


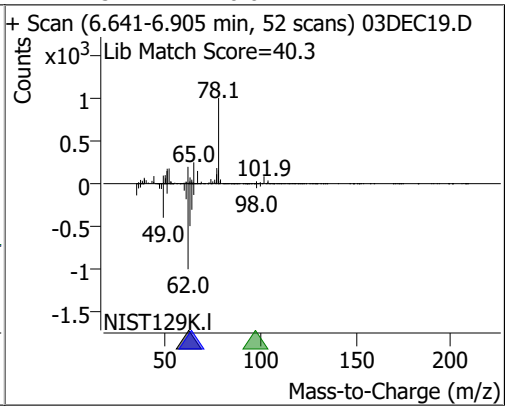




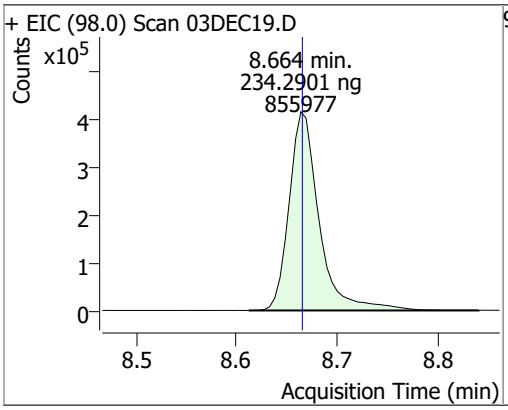
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	117.8505	6.73	0.00	85508	64.0	32.6	2.2	62.2
					98.0	15.2	0.0	44.4

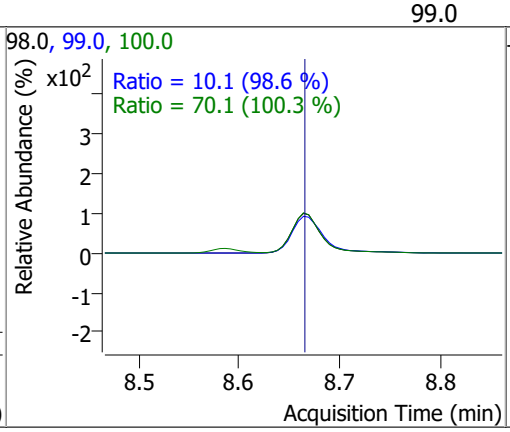


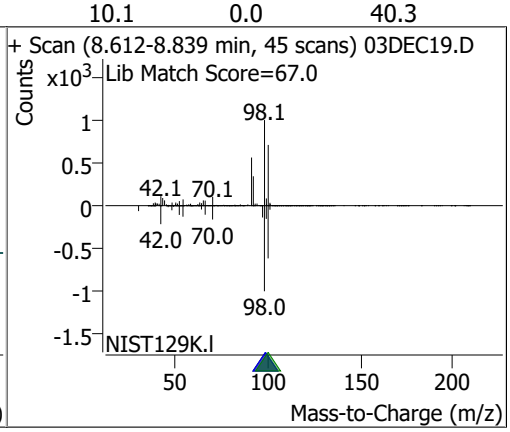




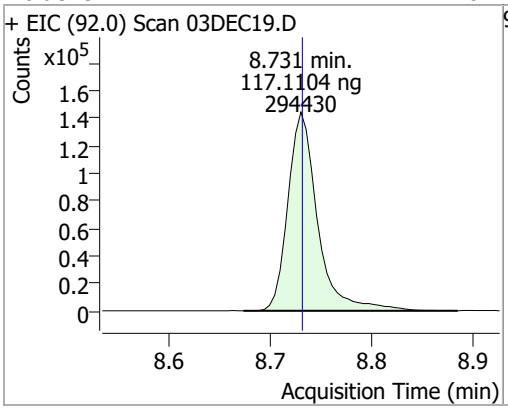
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	234.2901	8.66	0.00	855977	100.0	70.1	39.9	99.9
					99.0	10.1	0.0	40.3

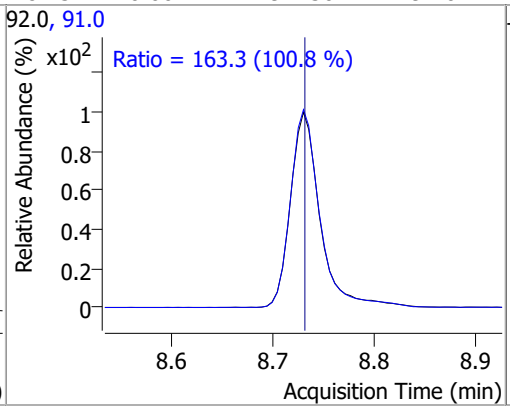


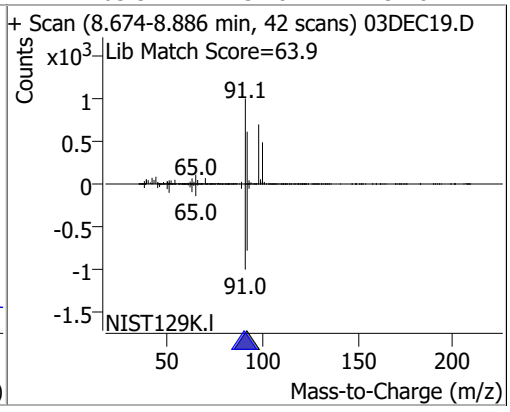




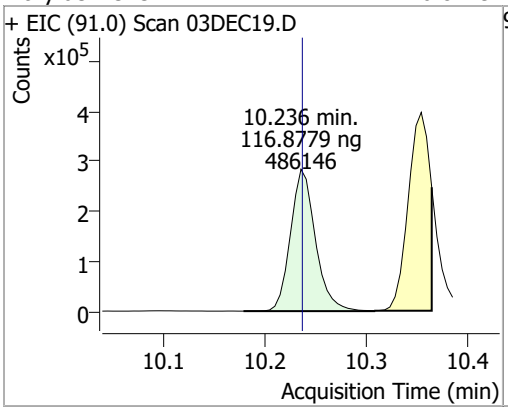
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	117.1104	8.73	0.00	294430	91.0	163.3	132.0	192.0

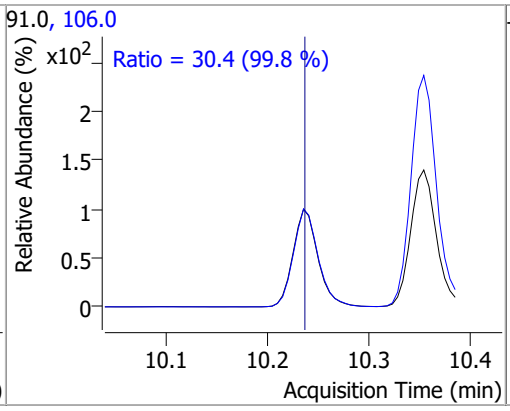


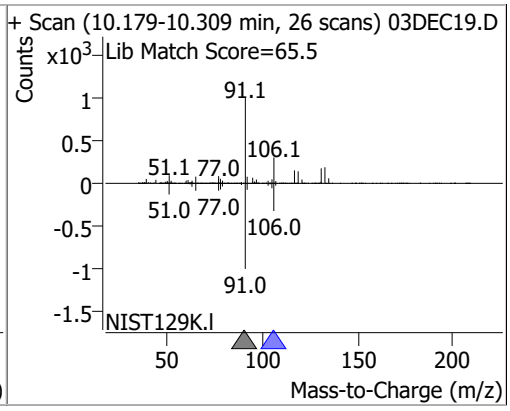




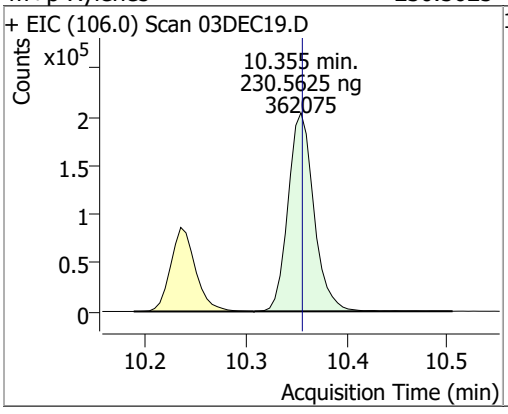
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	116.8779	10.24	0.00	486146	106.0	30.4	0.4	60.4

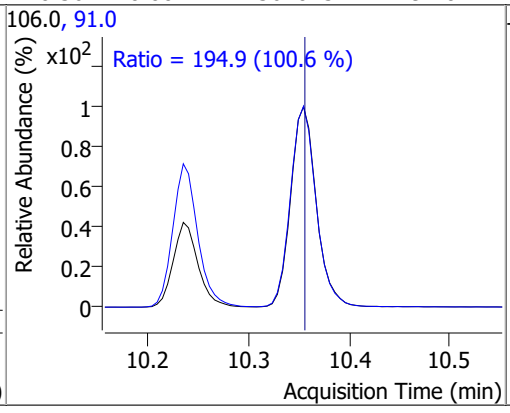


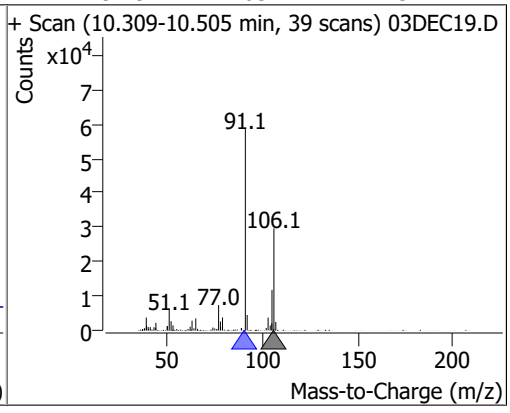




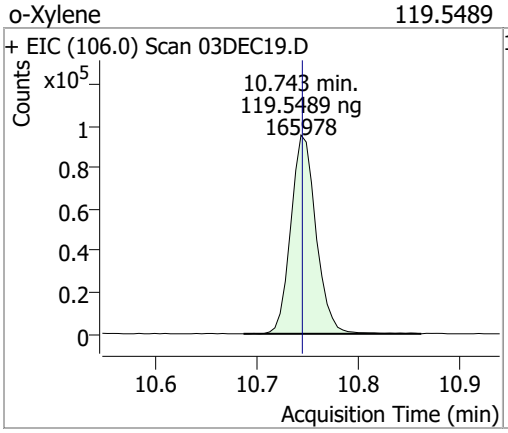
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	230.5625	10.36	0.00	362075	91.0	194.9	163.7	223.7

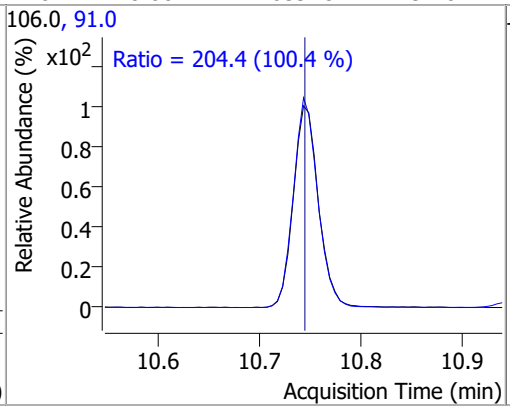


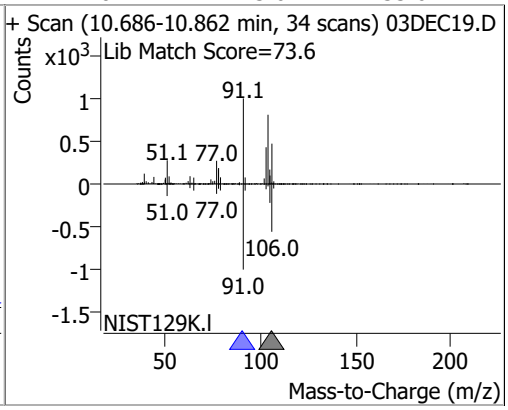




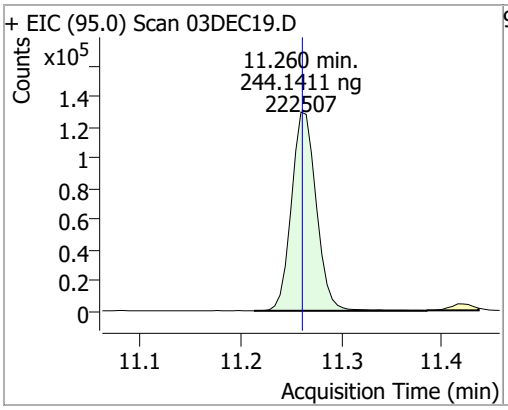
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	119.5489	10.74	0.00	165978	91.0	204.4	173.6	233.6

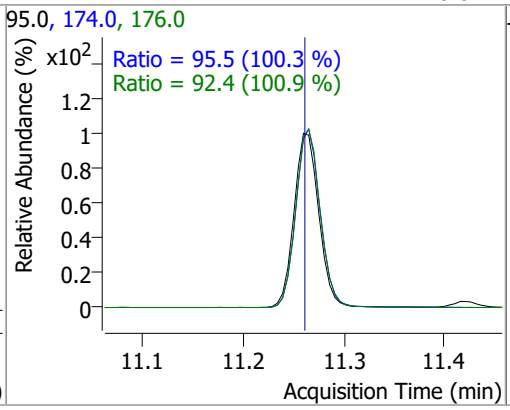


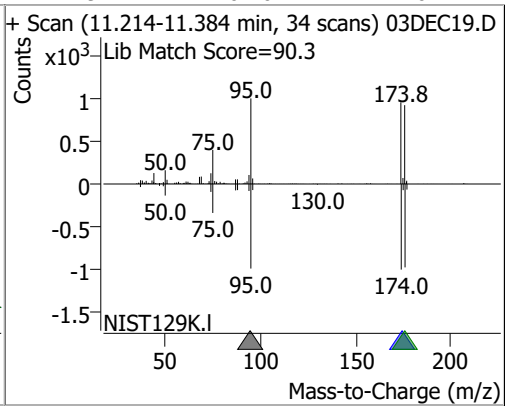




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	244.1411	11.26	0.00	222507	174.0	95.5	65.3	125.3
					176.0	92.4	61.6	121.6







Batch name and path: D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin
Quant batch version: 10.0
Quant reporting version: 10.0

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdNewBatchTable	BL2000\steve	12/3/2021 9:58:05 AM	Create new batch D:\Org\Data\SV5972.I\SB120321\SB120321_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/3/2021 9:58:18 AM	Add samples from worklist: D:\Org\Data\SV5972.I\SB120321\03DEC01.D			✓	
CmdStartMethodEditing	BL2000\steve	12/3/2021 9:59:24 AM	Start method editing			✓	
CmdImportMethodFromBatch	BL2000\steve	12/3/2021 9:59:27 AM	Import method from batch D:\Org\Data\SV5972.I\SB112921\SB112921_8260B_624pt1.batch.bin			✓	
CmdApplyMethodToAllSamples	BL2000\steve	12/3/2021 9:59:36 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\steve	12/3/2021 9:59:36 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\steve	12/3/2021 9:59:37 AM	End method editing			✓	
CmdQuantitate	BL2000\steve	12/3/2021 9:59:42 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/3/2021 10:00:44 AM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/3/2021 10:01:17 AM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/3/2021 10:26:55 AM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/3/2021 10:46:45 AM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdOpenBatchTable	BL2000\steve	12/3/2021 11:16:36 AM	Open batch D:\Org\Data\SV5972.I\SB120321\SB120321_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/3/2021 11:19:11 AM	Add samples from worklist: D:\Org\Data\SV5972.I\SB120321\03DEC02.D			✓	
CmdQuantitate	BL2000\steve	12/3/2021 11:19:17 AM	Quantitate all compounds in all samples			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/3/2021 11:55:05 AM	Add samples from worklist: D:\Org\Data\SV5972.I\SB120321\03DEC03.D			✓	
CmdSetSampleAttribute	BL2000\steve	12/3/2021 11:55:16 AM	Set SampleType = TuneCheck for sample 03DEC03.D; previous value = Sample			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSaveBatchTable	BL2000\steve	12/3/2021 12:15:04 PM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/3/2021 12:16:43 PM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/3/2021 12:58:12 PM	Add samples from worklist: D:\Org\Data\SV5972.I\SB120321\03DEC04.D			✓	
CmdSetSampleAttribute	BL2000\steve	12/3/2021 12:58:17 PM	Set SampleType = TuneCheck for sample 03DEC04.D; previous value = Sample			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/3/2021 1:52:52 PM	Add samples from worklist: D:\Org\Data\SV5972.I\SB120321\03DEC06.D, D:\Org\Data\SV5972.I\SB120321\03DEC05.D			✓	
CmdSetSampleAttribute	BL2000\steve	12/3/2021 1:53:11 PM	Set SampleType = Blank for sample 03DEC05.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/3/2021 1:53:16 PM	Set SampleType = Calibration for sample 03DEC06.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/3/2021 1:53:22 PM	Set LevelName = 1 for sample 03DEC06.D; previous value =			✓	
CmdQuantitate	BL2000\steve	12/3/2021 1:53:32 PM	Quantitate all compounds in all samples			✓	
CmdZeroOutPeak	BL2000\steve	12/3/2021 1:54:21 PM	Zero out primary peak of compound Dichlorodifluoromethane in sample 03DEC05.D			✓	
CmdZeroOutPeak	BL2000\steve	12/3/2021 1:54:25 PM	Zero out primary peak of compound Bromomethane in sample 03DEC05.D			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 1:54:58 PM	Manually integrate qualifier87.0 of compound Dichlorodifluoromethane in sample 03DEC06.D from x, y = 1.406, 0 to 1.530, 0; result = 859			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 1:55:08 PM	Manually integrate qualifier52.0 of compound Chloromethane in sample 03DEC06.D from x, y = 1.556, 0 to 1.773, 0; result = 1983			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 1:55:21 PM	Manually integrate qualifier 64.0 of compound Vinyl chloride in sample 03DEC06.D, from x, y = 1.722, 977 to 1.742, 977, result = 274; previous integration is from x, y = 1.535, 218 to 1.897, 218 and previous response = 15101.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 1:55:29 PM	Manually integrate qualifier 64.0 of compound Vinyl chloride in sample 03DEC06.D, from x, y = 1.665, 928 to 1.753, 906, result = 1252; previous integration is from x, y = 1.722, 977 to 1.742, 977 and previous response = 274.			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 1:55:44 PM	Manually integrate compound Bromomethane in sample 03DEC06.D, from x, y = 2.001, 205 to 2.177, 205, result = 4416; previous integration is from x, y = 2.001, 205 to 2.337, 205 and previous response = 4230.			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 1:55:51 PM	Manually integrate compound Bromomethane in sample 03DEC06.D, from x, y = 2.001, 205 to 2.125, 204, result = 2148; previous integration is from x, y = 2.001, 205 to 2.363, 205 and previous response = 4416.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 1:55:58 PM	Manually integrate qualifier 94.0 of compound Bromomethane in sample 03DEC06.D, from x, y = 2.001, 189 to 2.156, 236, result = 1742; previous integration is from x, y = 1.970, 0 to 2.337, 0 and previous response = 7248.			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 1:56:16 PM	Manually integrate compound Chloroethane in sample 03DEC06.D from x, y = 2.104, 438 to 2.270, 468; result = 2532			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 1:56:21 PM	Manually integrate qualifier66.0 of compound Chloroethane in sample 03DEC06.D from x, y = 2.161, 167 to 2.218, 189; result = 429			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 1:56:29 PM	Manually integrate qualifier103.0 of compound Trichlorofluoromethane in sample 03DEC06.D from x, y = 2.394, 0 to 2.580, 0; result = 2471			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 1:56:39 PM	Manually integrate compound Acrolein in sample 03DEC06.D from x, y = 2.948, 252 to 3.103, 256; result = 2031			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 1:56:44 PM	Manually integrate qualifier55.0 of compound Acrolein in sample 03DEC06.D from x, y = 2.994, 460 to 3.025, 495; result = 264			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 1:56:52 PM	Manually integrate qualifier 55.0 of compound Acrolein in sample 03DEC06.D, from x, y = 2.958, 384 to 3.061, 423, result = 1336; previous integration is from x, y = 2.994, 460 to 3.025, 495 and previous response = 264.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 1:57:02 PM	Manually integrate qualifier63.0 of compound 1,1-Dichloroethene in sample 03DEC06.D from x, y = 3.046, 0 to 3.170, 0; result = 978			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 1:57:10 PM	Manually integrate compound Acetone in sample 03DEC06.D from x, y = 3.160, 1109 to 3.263, 1213; result = 2284			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 1:57:16 PM	Manually integrate qualifier58.0 of compound Acetone in sample 03DEC06.D from x, y = 3.170, 196 to 3.279, 261; result = 897			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 1:57:27 PM	Manually integrate compound Acetone in sample 03DEC06.D, from x, y = 3.160, 1109 to 3.304, 1122, result = 3319; previous integration is from x, y = 3.160, 1109 to 3.263, 1213 and previous response = 2284.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 1:57:36 PM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 03DEC06.D from x, y = 3.734, 0 to 3.889, 0; result = 1970			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 1:57:46 PM	Manually integrate compound Acrylonitrile in sample 03DEC06.D, from x, y = 4.189, 0 to 4.339, 0, result = 4502; previous integration is from x, y = 4.189, 0 to 4.313, 0 and previous response = 2895.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 1:57:51 PM	Manually integrate qualifier 52.0 of compound Acrylonitrile in sample 03DEC06.D, from x, y = 4.189, 0 to 4.344, 0, result = 2157; previous integration is from x, y = 4.225, 0 to 4.344, 0 and previous response = 2157.				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 52.0 of compound Acrylonitrile in sample ICAL120321_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 52.0 of compound Acrylonitrile in sample ICAL120321_1. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QualifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.M

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							anualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 1:57:58 PM	Manually integrate qualifier51.0 of compound Acrylonitrile in sample 03DEC06.D from x, y = 4.230, 7 to 4.380, 0; result = 2052			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 1:58:02 PM	Manually integrate qualifier 52.0 of compound Acrylonitrile in sample 03DEC06.D, from x, y = 4.184, 0 to 4.344, 0, result = 2157; previous integration is from x, y = 4.225, 0 to 4.344, 0 and previous response = 2157.				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 52.0 of compound Acrylonitrile in sample ICAL120321_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 52.0 of compound Acrylonitrile in sample ICAL120321_1. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QualifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.M

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							anualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 1:58:08 PM	Manually integrate qualifier 52.0 of compound Acrylonitrile in sample 03DEC06.D, from x, y = 4.179, 0 to 4.411, 0, result = 2721; previous integration is from x, y = 4.225, 0 to 4.344, 0 and previous response = 2157.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 1:58:22 PM	Manually integrate qualifier 61.0 of compound trans-1,2-Dichloroethene in sample 03DEC06.D, from x, y = 4.163, 0 to 4.318, 0, result = 3987; previous integration is from x, y = 4.163, 0 to 4.251, 0 and previous response = 2150.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 1:58:26 PM	Manually integrate qualifier98.0 of compound trans-1,2-Dichloroethene in sample 03DEC06.D from x, y = 4.174, 0 to 4.318, 0; result = 2785			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 1:58:35 PM	Manually integrate qualifier57.0 of compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D from x, y = 4.241, 271 to 4.318, 254; result = 2048			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 1:58:39 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.184, 0 to 4.396, 0, result = 0; previous integration is from x, y = 4.251, 0 to 4.396, 0 and previous response = 4143.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 1:58:44 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.184, 0 to 4.396, 0, result = 0; previous integration is from x, y = 4.474, 0 to 4.474, 0 and previous response = 0.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 1:59:03 PM	Set UserAnnotation = GT for compound Bromomethane in sample 03DEC06.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 1:59:19 PM	Set UserAnnotation = LT for compound Chloroethane in sample 03DEC06.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 1:59:30 PM	Set UserAnnotation = LT for compound Acrolein in sample 03DEC06.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 1:59:36 PM	Set UserAnnotation = LT for compound Acetone in sample 03DEC06.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 1:59:54 PM	Manually integrate compound Acrylonitrile in sample 03DEC06.D, from x, y = 4.189, 0 to 4.339, 0, result = 4502; previous integration is from x, y = 4.189, 0 to 4.437, 0 and previous response = 4502.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 1:59:58 PM	Manually integrate compound Acrylonitrile in sample 03DEC06.D, from x, y = 4.189, 0 to 4.339, 0, result = 4502; previous integration is from x, y = 4.189, 0 to 4.437, 0 and previous response = 4502.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:00:07 PM	Manually integrate compound Acrylonitrile in sample 03DEC06.D, from x, y = 4.174, 0 to 4.339, 0, result = 4554; previous integration is from x, y = 4.189, 0 to 4.437, 0 and previous response = 4502.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:00:12 PM	Manually integrate compound Acrylonitrile in sample 03DEC06.D, from x, y = 4.313, 180 to 4.437, -39, result = 1081; previous integration is from x, y = 4.174, 0 to 4.437, 0 and previous response = 4554.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:00:17 PM	Manually integrate compound Acrylonitrile in sample 03DEC06.D, from x, y = 4.189, 0 to 4.375, 0, result = 3880; previous integration is from x, y = 4.313, 180 to 4.437, -39 and previous response = 1081.			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:00:24 PM	Set UserAnnotation = LT for compound Acrylonitrile in sample 03DEC06.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:00:34 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.184, 0 to 4.396, 0, result = 0; previous integration is from x, y = 4.474, 0 to 4.474, 0 and previous response = 0.			✓	
CmdSelectPeak	BL2000\steve	12/3/2021 2:00:36 PM	Select peak for compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:00:40 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.184, 0 to 4.396, 0, result = 0; previous integration is from x, y = 4.251, 0 to 4.396, 0 and previous response = 4143.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:00:49 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.189, 0 to 4.396, 0, result = 0; previous integration is from x, y = 4.474, 0 to 4.474, 0 and previous response = 0.			✓	
CmdSelectPeak	BL2000\steve	12/3/2021 2:00:51 PM	Select peak for compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:00:58 PM	Manually integrate qualifier 57.0 of compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.241, 271 to 4.313, 271, result = 919; previous integration is from x, y = 4.241, 271 to 4.474, 254 and previous response = 2048.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:01:07 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.189, 0 to 4.396, 0, result = 0; previous integration is from x, y = 4.251, 0 to 4.396, 0 and previous response = 4143.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:01:22 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.251, 429 to 4.303, 490, result = 773; previous integration is from x, y = 4.474, 0 to 4.474, 0 and previous response = 0.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:01:26 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.184, 0 to 4.303, 490, result = 0; previous integration is from x, y = 4.251, 429 to 4.303, 490 and previous response = 773.			✓	
CmdSelectPeak	BL2000\steve	12/3/2021 2:01:30 PM	Select peak for compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:01:40 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.148, 0 to 4.448, 0, result = 5917; previous integration is from x, y = 4.251, 0 to 4.396, 0 and previous response = 4143.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:01:46 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.189, 0 to 4.448, 0, result = 0; previous integration is from x, y = 4.148, 0 to 4.448, 0 and previous response = 5917.			✓	
CmdSelectPeak	BL2000\steve	12/3/2021 2:02:03 PM	Select peak for compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:02:11 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.184, 0 to 4.396, 0, result = 0; previous integration is from x, y = 4.251, 0 to 4.396, 0 and previous response = 4143.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:02:16 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.396, 0 to 4.474, 0, result = 602; previous integration is from x, y = 4.474, 0 to 4.474, 0 and previous response = 0.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:02:19 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.396, 0 to 4.406, -10, result = 115; previous integration is from x, y = 4.396, 0 to 4.474, 0 and previous response = 602.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:02:24 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.184, 0 to 4.406, -10, result = 0; previous integration is from x, y = 4.396, 0 to 4.406, -10 and previous response = 115.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:02:29 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.396, 279 to 4.474, 0, result = -46; previous integration is from x, y = 4.474, 0 to 4.474, 0 and previous response = 0.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:02:38 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.137, 0 to 4.396, 0, result = 0; previous integration is from x, y = 4.396, 279 to 4.474, 0 and previous response = -46.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:02:42 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.422, 11 to 4.474, 0, result = 278; previous integration is from x, y = 4.474, 0 to 4.474, 0 and previous response = 0.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:02:49 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.251, 0 to 4.386, 18, result = 4017; previous integration is from x, y = 4.422, 11 to 4.474, 0 and previous response = 278.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:02:52 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.251, 0 to 4.396, 0, result = 4143; previous integration is from x, y = 4.251, 0 to 4.386, 18 and previous response = 4017.			✓	
CmdClearManualIntegration	BL2000\steve	12/3/2021 2:02:53 PM	Clear manual integration of target signal for compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:03:22 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.184, 0 to 4.396, 0, result = 0; previous integration is from x, y = 4.251, 0 to 4.396, 0 and previous response = 4143.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:03:30 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.386, -10 to 4.474, 0, result = 681; previous integration is from x, y = 4.474, 0 to 4.474, 0 and previous response = 0.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:03:35 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.184, 0 to 4.474, 0, result = 0; previous integration is from x, y = 4.386, -10 to 4.474, 0 and previous response = 681.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:03:44 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.189, 0 to 4.396, 0, result = 0; previous integration is from x, y = 4.474, 0 to 4.474, 0 and previous response = 0.			✓	
CmdSelectPeak	BL2000\steve	12/3/2021 2:03:46 PM	Select peak for compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D			✓	
CmdClearManualIntegration	BL2000\steve	12/3/2021 2:03:50 PM	Clear manual integration of target signal for compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D			✓	
CmdManuallyIntegrateMerge	BL2000\steve	12/3/2021 2:04:06 PM	Merge peak with left peak for compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, new integration is from x, y = 4.251, 0 to 4.396, 0 and new response = 4143; previous integration is from x, y= 4.251, 0 to 4.396, 0 and previous response =4143.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateMerge	BL2000\steve	12/3/2021 2:04:09 PM	Merge peak with left peak for compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, new integration is from x, y = 4.251, 0 to 4.396, 0 and new response = 4143; previous integration is from x, y= 4.251, 0 to 4.396, 0 and previous response =4143.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:04:19 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.210, 175 to 4.396, 0, result = 4055; previous integration is from x, y = 4.251, 0 to 4.396, 0 and previous response = 4143.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\steve	12/3/2021 2:04:28 PM	Drop baseline for compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D to y = 0, new integration is from x, y = 4.210, 0 to 4.396, 0 and new response = 5032; previous integration is from x, y = 4.210, 175 to 4.396, 0 and previous response = 4055.			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:04:33 PM	Set UserAnnotation = LT for compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:04:42 PM	Manually integrate qualifier65.0 of compound 1,1-Dichloroethane in sample 03DEC06.D from x, y = 4.815, 0 to 4.960, 0; result = 1589			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:04:47 PM	Manually integrate qualifier83.0 of compound 1,1-Dichloroethane in sample 03DEC06.D from x, y = 4.794, 0 to 4.939, 0; result = 1620			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:04:53 PM	Manually integrate compound 1,1-Dichloroethane in sample 03DEC06.D, from x, y = 4.810, 0 to 5.012, 0, result = 4357; previous integration is from x, y = 4.810, 0 to 4.960, 0 and previous response = 4023.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:05:07 PM	Manually integrate compound Vinyl acetate in sample 03DEC06.D from x, y = 4.975, 1109 to 5.074, 1062; result = 2354			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:05:19 PM	Manually integrate qualifier97.0 of compound 2,2-Dichloropropane in sample 03DEC06.D from x, y = 5.596, 3 to 5.710, 3; result = 1468			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate DropBaseline	BL2000\steve	12/3/2021 2:05:24 PM	Drop baseline for compound 2,2-Dichloropropane in sample 03DEC06.D to y = 86, new integration is from x, y = 5.586, 86 to 5.736, 86 and new response = 3934; previous integration is from x, y = 5.586, 86 to 5.736, 169 and previous response = 3561.			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:05:33 PM	Set UserAnnotation = LT for compound 1,1-Dichloroethane in sample 03DEC06.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:05:38 PM	Set UserAnnotation = NI for compound Vinyl acetate in sample 03DEC06.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:05:43 PM	Set UserAnnotation = LT for compound 2,2-Dichloropropane in sample 03DEC06.D; previous value =			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:05:53 PM	Manually integrate qualifier98.0 of compound cis-1,2-Dichloroethene in sample 03DEC06.D from x, y = 5.606, 0 to 5.736, 0; result = 2175			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 2:06:05 PM	Manually integrate compound Methyl ethyl ketone in sample 03DEC06.D, from x, y = 5.710, 1048 to 5.829, 1049, result = 4310; previous integration is from x, y = 5.746, 1049 to 5.829, 1049 and previous response = 2784.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:06:09 PM	Manually integrate qualifier72.0 of compound Methyl ethyl ketone in sample 03DEC06.D from x, y = 5.700, 0 to 5.824, 0; result = 1018			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:06:14 PM	Set UserAnnotation = LT for compound Methyl ethyl ketone in sample 03DEC06.D; previous value =			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 2:06:23 PM	Manually integrate compound Bromochloromethane in sample 03DEC06.D from x, y = 5.912, 0 to 6.020, 0; result = 982			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:06:27 PM	Manually integrate qualifier49.0 of compound Bromochloromethane in sample 03DEC06.D from x, y = 5.922, 0 to 6.015, 0; result = 1404			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:06:37 PM	Set UserAnnotation = NI for compound Bromochloromethane in sample 03DEC06.D; previous value =			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:07:01 PM	Manually integrate qualifier191.5 of compound Dibromofluoromethane in sample 03DEC06.D from x, y = 6.227, 0 to 6.315, 0; result = 349			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:07:06 PM	Manually integrate qualifier99.0 of compound 1,1,1-Trichloroethane in sample 03DEC06.D from x, y = 6.191, 0 to 6.331, 0; result = 1980			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:07:09 PM	Manually integrate qualifier61.0 of compound 1,1,1-Trichloroethane in sample 03DEC06.D from x, y = 6.206, 0 to 6.305, 0; result = 1430			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:07:17 PM	Manually integrate qualifier121.0 of compound Carbon tetrachloride in sample 03DEC06.D from x, y = 6.398, 0 to 6.501, 0; result = 908			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:07:23 PM	Manually integrate qualifier110.0 of compound 1,1-Dichloropropene in sample 03DEC06.D from x, y = 6.419, 0 to 6.512, 0; result = 1230			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:07:28 PM	Manually integrate qualifier 77.0 of compound 1,1-Dichloropropene in sample 03DEC06.D, from x, y = 6.393, 0 to 6.538, 0, result = 2662; previous integration is from x, y = 6.419, 0 to 6.538, 0 and previous response = 2313.			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 2:07:38 PM	Manually integrate compound 1,2-Dichloroethane-d4 in sample 03DEC06.D from x, y = 6.605, 0 to 6.713, 0; result = 1796			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:07:43 PM	Manually integrate qualifier65.0 of compound 1,2-Dichloroethane-d4 in sample 03DEC06.D from x, y = 6.584, 0 to 6.688, 0; result = 1796			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 2:07:52 PM	Manually integrate compound 1,2-Dichloroethane in sample 03DEC06.D from x, y = 6.693, 0 to 6.807, 0; result = 1534			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:08:10 PM	Manually integrate qualifier64.0 of compound 1,2-Dichloroethane in sample 03DEC06.D from x, y = 6.682, 0 to 6.775, 0; result = 735			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:08:14 PM	Manually integrate qualifier98.0 of compound 1,2-Dichloroethane in sample 03DEC06.D from x, y = 6.713, 0 to 6.750, 0; result = 333			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:08:31 PM	Manually integrate compound 2-Chloroethylvinyl ether in sample 03DEC06.D from x, y = 8.255, 0 to 8.322, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound 2-Chloroethylvinyl ether in sample ICAL120321_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound 2-Chloroethylvinyl ether in sample ICAL120321_1. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QuantifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:08:39 PM	Manually integrate compound 2-Chloroethylvinyl ether in sample 03DEC06.D from x, y = 8.255, 0 to 8.296, 2; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound 2-Chloroethylvinyl ether in sample ICAL120321_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound 2-Chloroethylvinyl ether in sample ICAL120321_1. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QuantifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:08:44 PM	Manually integrate compound 2-Chloroethylvinyl ether in sample 03DEC06.D from x, y = 8.229, 0 to 8.343, 0; result = 662			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:08:52 PM	Manually integrate qualifier65.0 of compound 2-Chloroethylvinyl ether in sample 03DEC06.D from x, y = 8.255, 0 to 8.333, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 65.0 of compound 2-Chloroethylvinyl ether in sample ICAL120321_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 65.0 of compound 2-Chloroethylvinyl ether in sample ICAL120321_1. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QualifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.M

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							anualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:09:03 PM	Manually integrate qualifier76.0 of compound 1,2-Dichloropropane in sample 03DEC06.D from x, y = 7.588, 0 to 7.712, 0; result = 716			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:09:08 PM	Manually integrate compound Dibromomethane in sample 03DEC06.D from x, y = 7.722, 0 to 7.841, 0; result = 1010			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:09:13 PM	Manually integrate qualifier95.0 of compound Dibromomethane in sample 03DEC06.D from x, y = 7.727, 0 to 7.831, 0; result = 1267			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:09:16 PM	Manually integrate qualifier173.5 of compound Dibromomethane in sample 03DEC06.D from x, y = 7.727, 0 to 7.831, 0; result = 996			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:09:23 PM	Manually integrate qualifier85.0 of compound Bromodichloromethane in sample 03DEC06.D from x, y = 7.908, 28 to 7.986, 0; result = 1809			✓	
CmdManuallyIntegrateDropBaseline	BL2000\steve	12/3/2021 2:09:26 PM	Drop baseline for qualifier 85.0 of compound Bromodichloromethane in sample 03DEC06.D to y = 0, new integration is from x, y = 7.908, 0 to 7.986, 0 and new response = 1875; previous integration is from x, y = 7.908, 28 to 7.986, 0 and previous response = 1809.			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:09:44 PM	Set UserAnnotation = NI for compound 1,2-Dichloroethane-d4 in sample 03DEC06.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:09:50 PM	Set UserAnnotation = NI for compound 1,2-Dichloroethane in sample 03DEC06.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:09:58 PM	Set UserAnnotation = NI for compound 2-Chloroethylvinyl ether in sample 03DEC06.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:10:07 PM	Set UserAnnotation = NI for compound Dibromomethane in sample 03DEC06.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:10:19 PM	Manually integrate qualifier77.0 of compound cis-1,3-Dichloropropene in sample 03DEC06.D from x, y = 8.389, 198 to 8.467, 160; result = 1036			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:10:22 PM	Manually integrate qualifier39.0 of compound cis-1,3-Dichloropropene in sample 03DEC06.D from x, y = 8.379, 364 to 8.451, 327; result = 1079			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:10:34 PM	Manually integrate qualifier100.0 of compound Methyl isobutyl ketone in sample 03DEC06.D from x, y = 8.545, 0 to 8.617, 0; result = 1007			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:10:41 PM	Manually integrate qualifier99.0 of compound Toluene-d8 in sample 03DEC06.D from x, y = 8.638, 0 to 8.731, 0; result = 1133			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:10:50 PM	Manually integrate qualifier39.0 of compound trans-1,3-Dichloropropene in sample 03DEC06.D from x, y = 8.948, 391 to 9.005, 379; result = 756			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:11:03 PM	Manually integrate compound 1,1,2-Trichloroethane in sample 03DEC06.D from x, y = 9.119, 0 to 9.207, -9; result = 1853			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:11:09 PM	Manually integrate compound 1,1,2-Trichloroethane in sample 03DEC06.D, from x, y = 9.129, 207 to 9.202, 161, result = 850; previous integration is from x, y = 9.119, 0 to 9.207, -9 and previous response = 1853.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:11:19 PM	Manually integrate compound 1,1,2-Trichloroethane in sample 03DEC06.D, from x, y = 9.119, 0 to 9.212, 0, result = 1829; previous integration is from x, y = 9.129, 207 to 9.202, 161 and previous response = 850.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:11:22 PM	Manually integrate qualifier97.0 of compound 1,1,2-Trichloroethane in sample 03DEC06.D from x, y = 9.119, 0 to 9.217, 0; result = 1809			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:11:24 PM	Manually integrate qualifier85.0 of compound 1,1,2-Trichloroethane in sample 03DEC06.D from x, y = 9.114, 0 to 9.217, 0; result = 1164			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:11:35 PM	Set UserAnnotation = NI for compound 1,1,2-Trichloroethane in sample 03DEC06.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:11:44 PM	Manually integrate qualifier129.0 of compound Tetrachloroethene in sample 03DEC06.D from x, y = 9.207, 0 to 9.321, 0; result = 1858			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:11:58 PM	Manually integrate qualifier78.0 of compound 1,3-Dichloropropane in sample 03DEC06.D from x, y = 9.284, 0 to 9.357, 0; result = 1082			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:12:07 PM	Manually integrate qualifier57.0 of compound 2-Hexanone in sample 03DEC06.D from x, y = 9.388, 354 to 9.481, 308; result = 1021			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:12:16 PM	Manually integrate compound Chlorodibromomethane in sample 03DEC06.D from x, y = 9.491, 0 to 9.579, 0; result = 1717			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:12:19 PM	Manually integrate qualifier127.0 of compound Chlorodibromomethane in sample 03DEC06.D from x, y = 9.512, 0 to 9.595, 0; result = 1057			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:12:25 PM	Manually integrate compound 1,2-Dibromoethane in sample 03DEC06.D from x, y = 9.600, 0 to 9.683, 0; result = 1294			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:12:27 PM	Manually integrate qualifier109.0 of compound 1,2-Dibromoethane in sample 03DEC06.D from x, y = 9.605, 0 to 9.683, 0; result = 1268			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:12:33 PM	Manually integrate qualifier114.0 of compound Chlorobenzene in sample 03DEC06.D from x, y = 10.096, 0 to 10.174, 0; result = 1690			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:12:38 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample 03DEC06.D from x, y = 10.174, 0 to 10.262, 0; result = 1855			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:12:41 PM	Manually integrate qualifier133.0 of compound 1,1,1,2-Tetrachloroethane in sample 03DEC06.D from x, y = 10.179, 0 to 10.267, 0; result = 1881			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:12:59 PM	Set UserAnnotation = NI for compound Chlorodibromomethane in sample 03DEC06.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:13:07 PM	Set UserAnnotation = NI for compound 1,2-Dibromoethane in sample 03DEC06.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:13:13 PM	Set UserAnnotation = NI for compound 1,1,1,2-Tetrachloroethane in sample 03DEC06.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:13:33 PM	Manually integrate compound Bromoform in sample 03DEC06.D from x, y = 10.898, 0 to 10.981, 0; result = 756			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:13:37 PM	Manually integrate qualifier174.5 of compound Bromoform in sample 03DEC06.D from x, y = 10.903, 0 to 10.997, 0; result = 345			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:13:40 PM	Manually integrate qualifier170.5 of compound Bromoform in sample 03DEC06.D from x, y = 10.919, 0 to 10.997, 0; result = 340			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:13:46 PM	Manually integrate qualifier120.0 of compound Isopropylbenzene in sample 03DEC06.D from x, y = 11.084, 0 to 11.157, 0; result = 1944			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:13:55 PM	Manually integrate qualifier85.0 of compound 1,1,2,2-Tetrachloroethane in sample 03DEC06.D from x, y = 11.390, 0 to 11.462, 0; result = 1123			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:14:07 PM	Manually integrate compound Bromobenzene in sample 03DEC06.D from x, y = 11.353, 0 to 11.462, 0; result = 1786			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:14:13 PM	Manually integrate qualifier158.0 of compound Bromobenzene in sample 03DEC06.D from x, y = 11.369, 0 to 11.467, 0; result = 1946			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:14:19 PM	Manually integrate compound 1,2,3-Trichloropropane in sample 03DEC06.D from x, y = 11.436, 0 to 11.493, 0; result = 372			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:14:22 PM	Manually integrate qualifier112.0 of compound 1,2,3-Trichloropropane in sample 03DEC06.D from x, y = 11.447, 0 to 11.493, 0; result = 123			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:14:33 PM	Set UserAnnotation = NI for compound Bromoform in sample 03DEC06.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:14:47 PM	Set UserAnnotation = NI for compound Bromobenzene in sample 03DEC06.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:14:53 PM	Set UserAnnotation = NI for compound 1,2,3-Trichloropropane in sample 03DEC06.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:14:59 PM	Manually integrate compound n-Propylbenzene in sample 03DEC06.D from x, y = 11.478, 0 to 11.555, 0; result = 1579			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:15:01 PM	Set UserAnnotation = NI for compound n-Propylbenzene in sample 03DEC06.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:15:07 PM	Manually integrate compound 2-Chlorotoluene in sample 03DEC06.D from x, y = 11.560, 0 to 11.643, 0; result = 1696			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:15:10 PM	Set UserAnnotation = NI for compound 2-Chlorotoluene in sample 03DEC06.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:15:20 PM	Manually integrate qualifier126.0 of compound 4-Chlorotoluene in sample 03DEC06.D from x, y = 11.664, 0 to 11.752, 0; result = 1675			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:15:27 PM	Manually integrate compound tert-Butylbenzene in sample 03DEC06.D from x, y = 11.964, 0 to 12.062, 0; result = 1034			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:15:31 PM	Set UserAnnotation = NI for compound tert-Butylbenzene in sample 03DEC06.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:15:40 PM	Manually integrate qualifier134.0 of compound sec-Butylbenzene in sample 03DEC06.D from x, y = 12.186, 0 to 12.279, 0; result = 913			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:15:50 PM	Manually integrate qualifier111.0 of compound 1,3-Dichlorobenzene in sample 03DEC06.D from x, y = 12.295, 0 to 12.378, 0; result = 1065			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:15:55 PM	Manually integrate qualifier148.0 of compound 1,3-Dichlorobenzene in sample 03DEC06.D from x, y = 12.300, 0 to 12.378, 0; result = 1580			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:16:19 PM	Manually integrate qualifier134.0 of compound p-Isopropyltoluene in sample 03DEC06.D from x, y = 12.331, 0 to 12.419, 0; result = 870			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:16:23 PM	Manually integrate qualifier91.0 of compound p-Isopropyltoluene in sample 03DEC06.D from x, y = 12.341, 0 to 12.445, 0; result = 1862			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:16:33 PM	Manually integrate qualifier92.0 of compound n-Butylbenzene in sample 03DEC06.D from x, y = 12.729, 0 to 12.838, 0; result = 1488			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:16:35 PM	Manually integrate qualifier134.0 of compound n-Butylbenzene in sample 03DEC06.D from x, y = 12.750, 0 to 12.828, 0; result = 635			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:16:41 PM	Manually integrate qualifier111.0 of compound 1,2-Dichlorobenzene in sample 03DEC06.D from x, y = 12.766, 0 to 12.838, 0; result = 933			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:16:46 PM	Manually integrate qualifier148.0 of compound 1,2-Dichlorobenzene in sample 03DEC06.D from x, y = 12.750, 0 to 12.843, 0; result = 1307			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:17:02 PM	Manually integrate compound Naphthalene in sample 03DEC06.D from x, y = 14.535, 0 to 14.587, 0; result = 221			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:17:04 PM	Set UserAnnotation = NI for compound Naphthalene in sample 03DEC06.D; previous value =			✓	
CmdSaveBatchTable	BL2000\steve	12/3/2021 2:17:11 PM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/3/2021 2:22:46 PM	Add samples from worklist: D:\Org\Data\SV5972.I\SB120321\03DEC08.D, D:\Org\Data\SV5972.I\SB120321\03DEC07.D			✓	
CmdSetSampleAttribute	BL2000\steve	12/3/2021 2:25:06 PM	Set SampleType = Calibration for sample 03DEC07.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/3/2021 2:25:10 PM	Set SampleType = Calibration for sample 03DEC08.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/3/2021 2:25:16 PM	Set LevelName = 2 for sample 03DEC07.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/3/2021 2:25:21 PM	Set LevelName = 3 for sample 03DEC08.D; previous value =			✓	
CmdQuantitate	BL2000\steve	12/3/2021 2:25:32 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:26:31 PM	Manually integrate qualifier 64.0 of compound Vinyl chloride in sample 03DEC07.D, from x, y = 1.675, 1132 to 1.825, 901, result = 4426; previous integration is from x, y = 1.535, 239 to 1.892, 239 and previous response = 18763.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:26:37 PM	Manually integrate qualifier 64.0 of compound Vinyl chloride in sample 03DEC07.D, from x, y = 1.700, 1261 to 1.783, 1296, result = 1916; previous integration is from x, y = 1.675, 1132 to 1.825, 901 and previous response = 4426.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:26:44 PM	Manually integrate qualifier 64.0 of compound Vinyl chloride in sample 03DEC07.D, from x, y = 1.664, 1056 to 1.825, 901, result = 4847; previous integration is from x, y = 1.700, 1261 to 1.783, 1296 and previous response = 1916.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:26:49 PM	Manually integrate qualifier 64.0 of compound Vinyl chloride in sample 03DEC07.D, from x, y = 1.612, 738 to 1.850, 852, result = 7729; previous integration is from x, y = 1.664, 1056 to 1.825, 901 and previous response = 4847.			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 2:27:02 PM	Manually integrate compound Bromomethane in sample 03DEC07.D, from x, y = 1.995, 223 to 2.213, 245, result = 9324; previous integration is from x, y = 1.995, 223 to 2.321, 245 and previous response = 10504.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:27:06 PM	Manually integrate qualifier 94.0 of compound Bromomethane in sample 03DEC07.D, from x, y = 2.016, 235 to 2.223, 236, result = 9489; previous integration is from x, y = 2.016, 235 to 2.337, 235 and previous response = 9489.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:27:11 PM	Manually integrate qualifier 94.0 of compound Bromomethane in sample 03DEC07.D, from x, y = 2.016, 235 to 2.218, 220, result = 9489; previous integration is from x, y = 2.016, 235 to 2.337, 235 and previous response = 9489.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:27:22 PM	Manually integrate qualifier 94.0 of compound Bromomethane in sample 03DEC07.D, from x, y = 1.995, 238 to 2.228, 220, result = 9035; previous integration is from x, y = 2.016, 235 to 2.337, 235 and previous response = 9489.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:27:32 PM	Manually integrate qualifier 66.0 of compound Chloroethane in sample 03DEC07.D, from x, y = 2.130, 71 to 2.254, 109, result = 3990; previous integration is from x, y = 2.130, 71 to 2.352, 166 and previous response = 3990.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:27:38 PM	Manually integrate qualifier 66.0 of compound Chloroethane in sample 03DEC07.D, from x, y = 2.130, 71 to 2.259, 134, result = 3990; previous integration is from x, y = 2.130, 71 to 2.352, 166 and previous response = 3990.			✓	
CmdSetTargetCompoun dAttribute	BL2000\steve	12/3/2021 2:27:46 PM	Set UserAnnotation = LT for compound Bromomethane in sample 03DEC07.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:28:09 PM	Manually integrate compound Acetone in sample 03DEC07.D, from x, y = 3.144, 1198 to 3.340, 1201, result = 9275; previous integration is from x, y = 3.221, 1171 to 3.340, 1201 and previous response = 5636.			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:28:12 PM	Set UserAnnotation = LT for compound Acetone in sample 03DEC07.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:28:32 PM	Manually integrate qualifier86.0 of compound Vinyl acetate in sample 03DEC07.D from x, y = 4.970, 0 to 5.083, 0; result = 1072			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:29:06 PM	Manually integrate qualifier98.0 of compound 1,2-Dichloroethane in sample 03DEC07.D from x, y = 6.682, 0 to 6.801, 0; result = 1376			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:29:15 PM	Manually integrate qualifier 43.0 of compound Acetone_58 in sample 03DEC07.D, from x, y = 3.159, 1250 to 3.340, 1215, result = 8837; previous integration is from x, y = 3.221, 1215 to 3.340, 1215 and previous response = 5429.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:29:26 PM	Manually integrate qualifier106.0 of compound 2-Chloroethylvinyl ether in sample 03DEC07.D from x, y = 8.239, 0 to 8.337, 0; result = 1055			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:29:30 PM	Manually integrate qualifier65.0 of compound 2-Chloroethylvinyl ether in sample 03DEC07.D from x, y = 8.244, 0 to 8.353, 0; result = 1352			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:29:45 PM	Manually integrate qualifier127.0 of compound Bromodichloromethane in sample 03DEC07.D from x, y = 7.913, 0 to 8.011, 0; result = 1088			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:30:36 PM	Manually integrate qualifier174.5 of compound Bromoform in sample 03DEC07.D from x, y = 10.898, 0 to 11.006, 0; result = 1968			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:30:51 PM	Manually integrate compound 1,2,3-Trichloropropane in sample 03DEC07.D from x, y = 11.415, 0 to 11.508, 0; result = 1666			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:30:55 PM	Manually integrate qualifier112.0 of compound 1,2,3-Trichloropropane in sample 03DEC07.D from x, y = 11.431, 0 to 11.493, 0; result = 1065			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:32:53 PM	Manually integrate compound 1,2-Dibromo-3-chloropropane in sample 03DEC07.D from x, y = 13.531, 0 to 13.603, 0; result = 396			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:32:58 PM	Manually integrate qualifier155.0 of compound 1,2-Dibromo-3-chloropropane in sample 03DEC07.D from x, y = 13.536, 0 to 13.598, 0; result = 393			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:33:00 PM	Manually integrate qualifier157.0 of compound 1,2-Dibromo-3-chloropropane in sample 03DEC07.D from x, y = 13.552, 0 to 13.608, 0; result = 616			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 2:33:08 PM	Manually integrate compound 1,2,4-Trichlorobenzene in sample 03DEC07.D from x, y = 14.312, 0 to 14.374, 0; result = 897			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:33:10 PM	Manually integrate qualifier182.0 of compound 1,2,4-Trichlorobenzene in sample 03DEC07.D from x, y = 14.296, 0 to 14.374, 0; result = 822			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:33:13 PM	Manually integrate qualifier145.0 of compound 1,2,4-Trichlorobenzene in sample 03DEC07.D from x, y = 14.312, 0 to 14.374, 0; result = 182			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 2:33:20 PM	Manually integrate compound Hexachlorobutadiene in sample 03DEC07.D from x, y = 14.462, 0 to 14.524, 0; result = 317			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:33:22 PM	Manually integrate qualifier222.8 of compound Hexachlorobutadiene in sample 03DEC07.D from x, y = 14.441, 0 to 14.534, 0; result = 170			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:33:26 PM	Manually integrate qualifier226.8 of compound Hexachlorobutadiene in sample 03DEC07.D from x, y = 14.457, 0 to 14.524, 0; result = 190			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 2:33:32 PM	Manually integrate compound Naphthalene in sample 03DEC07.D from x, y = 14.529, 0 to 14.607, 0; result = 1323			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:33:34 PM	Manually integrate qualifier127.0 of compound Naphthalene in sample 03DEC07.D from x, y = 14.555, 0 to 14.591, 0; result = 141			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 2:33:39 PM	Manually integrate compound 1,2,3-Trichlorobenzene in sample 03DEC07.D from x, y = 14.757, 0 to 14.829, 0; result = 143			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:33:42 PM	Manually integrate qualifier182.0 of compound 1,2,3-Trichlorobenzene in sample 03DEC07.D from x, y = 14.736, 0 to 14.834, 0; result = 196			✓	
CmdSaveBatchTable	BL2000\steve	12/3/2021 2:33:49 PM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:34:54 PM	Manually integrate qualifier 55.0 of compound Acrolein in sample 03DEC08.D, from x, y = 2.922, 464 to 3.135, 525, result = 11100; previous integration is from x, y = 2.990, 456 to 3.135, 525 and previous response = 7783.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:35:17 PM	Manually integrate qualifier86.0 of compound Vinyl acetate in sample 03DEC08.D from x, y = 4.950, 0 to 5.095, 0; result = 2672			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 2:38:00 PM	Manually integrate compound 1,2-Dibromo-3-chloropropane in sample 03DEC08.D from x, y = 13.527, 0 to 13.615, 0; result = 928			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:38:04 PM	Manually integrate qualifier155.0 of compound 1,2-Dibromo-3-chloropropane in sample 03DEC08.D from x, y = 13.542, 0 to 13.604, 0; result = 908			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:38:07 PM	Manually integrate qualifier157.0 of compound 1,2-Dibromo-3-chloropropane in sample 03DEC08.D from x, y = 13.532, 0 to 13.615, 0; result = 1125			✓	
CmdSetTargetCompoun dAttribute	BL2000\steve	12/3/2021 2:38:17 PM	Set UserAnnotation = NI for compound 1,2-Dibromo-3-chloropropane in sample 03DEC08.D; previous value =			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 2:38:39 PM	Manually integrate compound 1,2,4-Trichlorobenzene in sample 03DEC08.D from x, y = 14.318, 0 to 14.375, 0; result = 1703			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:38:45 PM	Manually integrate qualifier182.0 of compound 1,2,4-Trichlorobenzene in sample 03DEC08.D from x, y = 14.292, 0 to 14.380, 0; result = 1760			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:38:48 PM	Manually integrate qualifier145.0 of compound 1,2,4-Trichlorobenzene in sample 03DEC08.D from x, y = 14.318, 0 to 14.386, 0; result = 502			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 2:39:01 PM	Manually integrate compound Hexachlorobutadiene in sample 03DEC08.D from x, y = 14.458, 0 to 14.536, 0; result = 844			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:39:04 PM	Manually integrate qualifier222.8 of compound Hexachlorobutadiene in sample 03DEC08.D from x, y = 14.453, 0 to 14.536, 0; result = 469			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:39:06 PM	Manually integrate qualifier226.8 of compound Hexachlorobutadiene in sample 03DEC08.D from x, y = 14.432, 0 to 14.551, 0; result = 565			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:39:13 PM	Manually integrate qualifier127.0 of compound Naphthalene in sample 03DEC08.D from x, y = 14.546, 0 to 14.608, 0; result = 304			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:39:19 PM	Set UserAnnotation = NI for compound 1,2,4-Trichlorobenzene in sample 03DEC08.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:39:23 PM	Set UserAnnotation = NI for compound Hexachlorobutadiene in sample 03DEC08.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:39:35 PM	Manually integrate qualifier145.0 of compound 1,2,3-Trichlorobenzene in sample 03DEC08.D from x, y = 14.753, 0 to 14.825, 0; result = 101			✓	
CmdSaveBatchTable	BL2000\steve	12/3/2021 2:39:38 PM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/3/2021 2:40:07 PM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/3/2021 2:58:49 PM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/3/2021 3:09:07 PM	Add samples from worklist: D:\Org\Data\SV5972.I\SB120321\03DEC09.D			✓	
CmdSetSampleAttribute	BL2000\steve	12/3/2021 3:09:31 PM	Set SampleType = Calibration for sample 03DEC09.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/3/2021 3:09:38 PM	Set LevelName = 4 for sample 03DEC09.D; previous value =			✓	
CmdQuantitate	BL2000\steve	12/3/2021 3:09:50 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 3:10:41 PM	Manually integrate compound Dichlorodifluoromethane in sample 03DEC09.D, from x, y = 1.380, 195 to 1.674, 199, result = 45002; previous integration is from x, y = 1.380, 195 to 1.902, 195 and previous response = 47081.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 3:12:57 PM	Manually integrate compound 1,2-Dibromo-3-chloropropane in sample 03DEC09.D from x, y = 13.520, 0 to 13.624, 0; result = 1601			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 3:13:00 PM	Manually integrate qualifier155.0 of compound 1,2-Dibromo-3-chloropropane in sample 03DEC09.D from x, y = 13.531, 0 to 13.624, 0; result = 1901			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 3:13:04 PM	Set UserAnnotation = NI for compound 1,2-Dibromo-3-chloropropane in sample 03DEC09.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 3:13:14 PM	Manually integrate qualifier145.0 of compound 1,2,4-Trichlorobenzene in sample 03DEC09.D from x, y = 14.286, 0 to 14.395, 0; result = 1013			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 3:13:22 PM	Manually integrate compound Hexachlorobutadiene in sample 03DEC09.D from x, y = 14.446, 0 to 14.534, 0; result = 1726			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 3:13:25 PM	Manually integrate qualifier222.8 of compound Hexachlorobutadiene in sample 03DEC09.D from x, y = 14.462, 0 to 14.534, 0; result = 1153			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 3:13:28 PM	Manually integrate qualifier226.8 of compound Hexachlorobutadiene in sample 03DEC09.D from x, y = 14.467, 0 to 14.529, 0; result = 1196			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 3:13:32 PM	Set UserAnnotation = NI for compound Hexachlorobutadiene in sample 03DEC09.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 3:13:40 PM	Manually integrate qualifier127.0 of compound Naphthalene in sample 03DEC09.D from x, y = 14.534, 0 to 14.607, 0; result = 693			✓	
CmdSaveBatchTable	BL2000\steve	12/3/2021 3:13:53 PM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/3/2021 3:14:03 PM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/3/2021 3:14:28 PM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/3/2021 3:42:52 PM	Add samples from worklist: D:\Org\Data\SV5972.I\SB120321\03DEC11.D, D:\Org\Data\SV5972.I\SB120321\03DEC10.D			✓	
CmdSetSampleAttribute	BL2000\steve	12/3/2021 3:43:04 PM	Set SampleType = Calibration for sample 03DEC11.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/3/2021 3:43:10 PM	Set LevelName = 5 for sample 03DEC11.D; previous value =			✓	
CmdQuantitate	BL2000\steve	12/3/2021 3:43:24 PM	Quantitate all compounds in all samples			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSaveBatchTable	BL2000\steve	12/3/2021 3:46:27 PM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/3/2021 4:05:57 PM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/3/2021 4:28:44 PM	Add samples from worklist: D:\Org\Data\SV5972.I\SB120321\03DEC13.D, D:\Org\Data\SV5972.I\SB120321\03DEC12.D			✓	
CmdSetSampleAttribute	BL2000\steve	12/3/2021 4:28:54 PM	Set SampleType = Calibration for sample 03DEC13.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/3/2021 4:29:00 PM	Set LevelName = 6 for sample 03DEC13.D; previous value =			✓	
CmdQuantitate	BL2000\steve	12/3/2021 4:29:12 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/3/2021 4:31:37 PM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdOpenBatchTable	BL2000\steve	12/6/2021 9:12:24 AM	Open batch D:\Org\Data\SV5972.I\SB120321\SB120321_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/6/2021 9:21:36 AM	Add samples from worklist: D:\Org\Data\SV5972.I\SB120321\03DEC21.D, D:\Org\Data\SV5972.I\SB120321\03DEC20.D, D:\Org\Data\SV5972.I\SB120321\03DEC19.D, D:\Org\Data\SV5972.I\SB120321\03DEC18.D, D:\Org\Data\SV5972.I\SB120321\03DEC17.D, D:\Org\Data\SV5972.I\SB120321\03DEC16.D, D:\Org\Data\SV5972.I\SB120321\03DEC15.D, D:\Org\Data\SV5972.I\SB120321\03DEC14.D			✓	
CmdSetSampleAttribute	BL2000\steve	12/6/2021 9:21:58 AM	Set SampleType = Calibration for sample 03DEC15.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/6/2021 9:22:08 AM	Set LevelName = 7 for sample 03DEC15.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/6/2021 9:22:17 AM	Set SampleType = Calibration for sample 03DEC17.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/6/2021 9:22:25 AM	Set LevelName = 8 for sample 03DEC17.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\steve	12/6/2021 9:22:33 AM	Set SampleType = QC for sample 03DEC19.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/6/2021 9:22:45 AM	Set LevelName = QC for sample 03DEC19.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/6/2021 9:23:01 AM	Set SampleInformation = LCSA for sample 03DEC19.D; previous value =			✓	
CmdQuantitate	BL2000\steve	12/6/2021 9:23:57 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 9:28:56 AM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdQuantitate	BL2000\steve	12/6/2021 9:29:36 AM	Quantitate all compounds in all samples			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/6/2021 9:33:28 AM	Add samples from worklist: D:\Org\Data\SV5972.I\SB120321\CC03DEC11.D			✓	
CmdSetSampleAttribute	BL2000\steve	12/6/2021 9:33:56 AM	Set SampleName = CC120321_5 for sample CC03DEC11.D; previous value = ICAL120321_5			✓	
CmdSetSampleAttribute	BL2000\steve	12/6/2021 9:34:04 AM	Set SampleType = CC for sample CC03DEC11.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/6/2021 9:34:19 AM	Set LevelName = CC for sample CC03DEC11.D; previous value =			✓	
CmdQuantitate	BL2000\steve	12/6/2021 9:34:56 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 9:42:29 AM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdStartMethodEditing	BL2000\steve	12/6/2021 9:44:17 AM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\steve	12/6/2021 9:44:17 AM	Import method from sample CC03DEC11.D			✓	
CmdMethodClear	BL2000\steve	12/6/2021 9:44:22 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\steve	12/6/2021 9:44:23 AM	End method editing			✓	
CmdStartMethodEditing	BL2000\steve	12/6/2021 9:44:41 AM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\steve	12/6/2021 9:44:41 AM	Import method from sample 03DEC11.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdUpdateRetentionTimes	BL2000\steve	12/6/2021 9:47:11 AM	Update retention time for compound VA_Fluorobenzene; Vinyl acetate; 2-Chloroethylvinyl ether; Acrylonitrile; Acrolein; Chloroform; p-Bromofluorobenzene; Toluene-d8; 1,2-Dichloroethane-d4; Dibromofluoromethane; 1,4-Dichlorobenzene-d4; Chlorobenzene-d5; Fluorobenzene; Benzene; 1,4-Dichlorobenzene; Chlorobenzene; Tetrachloroethene; Trichloroethene; 1,2-Dichloroethane; Carbon tetrachloride; 1,1-Dichloroethene; Vinyl chloride; Methyl ethyl ketone; Bromoform; Chlorodibromomethane; Bromodichloromethane; Naphthalene; o-Xylene; m+p-Xylenes; Ethylbenzene; Toluene; 1,2,3-Trichlorobenzene; Hexachlorobutadiene; 1,2,4-Trichlorobenzene; 1,2-Dibromo-3-chloropropane; 1,2-Dichlorobenzene; n-Butylbenzene; p-Isopropyltoluene; 1,3-Dichlorobenzene; sec-Butylbenzene; 1,2,4-Trimethylbenzene; tert-Butylbenzene; 4-Chlorotoluene; 1,3,5-Trimethylbenzene; 2-Chlorotoluene; n-Propylbenzene; 1,2,3-Trichloropropane; Bromobenzene; 1,1,2,2-Tetrachloroethane; Isopropylbenzene; Styrene; 1,1,1,2-Tetrachloroethane; 1,2-Dibromoethane; 1,3-Dichloropropane; 1,1,2-Trichloroethane; trans-1,3-Dichloropropene; cis-1,3-Dichloropropene; Dibromomethane; 1,2-Dichloropropane; 1,1-Dichloropropene; 1,1,1-Trichloroethane; Bromochloromethane; cis-1,2-Dichloroethene; 2,2-Dichloropropane; 1,1-Dichloroethane; Methyl tert-butyl ether (MTBE); trans-1,2-Dichloroethene; Methylene chloride; Trichlorofluoromethane; Chloroethane; Bromomethane; Chloromethane; Dichlorodifluoromethane; 2-Hexanone; Methyl isobutyl ketone; Acetone_58; Acetone;			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdUpdateQualifierRatios	BL2000\steve	12/6/2021 9:47:45 AM	Update qualifier ratios for compound VA_Fluorobenzene; Update qualifier ratios for compound Vinyl acetate; Update qualifier ratios for compound 2-Chloroethylvinyl ether; Update qualifier ratios for compound Acrylonitrile; Update qualifier ratios for compound Acrolein; Update qualifier ratios for compound Chloroform; Update qualifier ratios for compound p-Bromofluorobenzene; Update qualifier ratios for compound Toluene-d8; Update qualifier ratios for compound 1,2-Dichloroethane-d4; Update qualifier ratios for compound Dibromofluoromethane; Update qualifier ratios for compound 1,4-Dichlorobenzene-d4; Update qualifier ratios for compound Chlorobenzene-d5; Update qualifier ratios for compound Fluorobenzene; Update qualifier ratios for compound Benzene; Update qualifier ratios for compound 1,4-Dichlorobenzene; Update qualifier ratios for compound Chlorobenzene; Update qualifier ratios for compound Tetrachloroethene; Update qualifier ratios for compound Trichloroethene; Update qualifier ratios for compound 1,2-Dichloroethane; Update qualifier ratios for compound Carbon tetrachloride; Update qualifier ratios for compound 1,1-Dichloroethene; Update qualifier ratios for compound Vinyl chloride; Update qualifier ratios for compound Methyl ethyl ketone; Update qualifier ratios for compound Bromoform; Update qualifier ratios for compound Chlorodibromomethane; Update qualifier ratios for compound Bromodichloromethane; Update qualifier ratios for compound Naphthalene; Update qualifier ratios for compound o-Xylene; Update qualifier ratios for compound m+p-Xylenes; Update qualifier ratios for compound Ethylbenzene; Update qualifier ratios for compound Toluene; Update qualifier ratios for compound 1,2,3-Trichlorobenzene; Update qualifier ratios for compound Hexachlorobutadiene; Update qualifier ratios for compound 1,2,4-Trichlorobenzene; Update qualifier ratios for compound 1,2-Dibromo-3-chloropropane; Update qualifier ratios for compound 1,2-Dichlorobenzene; Update qualifier ratios for compound n-Butylbenzene; Update qualifier ratios			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			for compound p-Isopropyltoluene; Update qualifier ratios for compound 1,3-Dichlorobenzene; Update qualifier ratios for compound sec-Butylbenzene; Update qualifier ratios for compound 1,2,4-Trimethylbenzene; Update qualifier ratios for compound tert-Butylbenzene; Update qualifier ratios for compound 4-Chlorotoluene; Update qualifier ratios for compound 1,3,5-Trimethylbenzene; Update qualifier ratios for compound 2-Chlorotoluene; Update qualifier ratios for compound n-Propylbenzene; Update qualifier ratios for compound 1,2,3-Trichloropropane; Update qualifier ratios for compound Bromobenzene; Update qualifier ratios for compound 1,1,2,2-Tetrachloroethane; Update qualifier ratios for compound Isopropylbenzene; Update qualifier ratios for compound Styrene; Update qualifier ratios for compound 1,1,1,2-Tetrachloroethane; Update qualifier ratios for compound 1,2-Dibromoethane; Update qualifier ratios for compound 1,3-Dichloropropane; Update qualifier ratios for compound 1,1,2-Trichloroethane; Update qualifier ratios for compound trans-1,3-Dichloropropene; Update qualifier ratios for compound cis-1,3-Dichloropropene; Update qualifier ratios for compound Dibromomethane; Update qualifier ratios for compound 1,2-Dichloropropane; Update qualifier ratios for compound 1,1-Dichloropropene; Update qualifier ratios for compound 1,1,1-Trichloroethane; Update qualifier ratios for compound Bromochloromethane; Update qualifier ratios for compound cis-1,2-Dichloroethene; Update qualifier ratios for compound 2,2-Dichloropropane; Update qualifier ratios for compound 1,1-Dichloroethane; Update qualifier ratios for compound Methyl tert-butyl ether (MTBE); Update qualifier ratios for compound trans-1,2-Dichloroethene; Update qualifier ratios for compound Methylene chloride; Update qualifier ratios for compound Trichlorofluoromethane; Update qualifier ratios for compound Chloroethane; Update qualifier ratios for compound Bromomethane; Update qualifier ratios for compound Chloromethane; Update qualifier ratios				

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			for compound Dichlorodifluoromethane; Update qualifier ratios for compound 2-Hexanone; Update qualifier ratios for compound Methyl isobutyl ketone; Update qualifier ratios for compound Acetone_58; Update qualifier ratios for compound Acetone;				
CmdApplyMethodToAllSamples	BL2000\steve	12/6/2021 9:48:04 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\steve	12/6/2021 9:48:04 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\steve	12/6/2021 9:48:04 AM	End method editing			✓	
CmdQuantitate	BL2000\steve	12/6/2021 9:48:37 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 9:50:29 AM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\steve	12/6/2021 9:51:30 AM	Replace level CC with CC sample CC03DEC11.D for compounds {Vinyl acetate, 2-Chloroethylvinyl ether, Acrylonitrile, Acrolein, Chloroform, p-Bromofluorobenzene, Toluene-d8, 1,2-Dichloroethane-d4, Dibromofluoromethane, Benzene, 1,4-Dichlorobenzene, Chlorobenzene, Tetrachloroethene, Trichloroethene, 1,2-Dichloroethane, Carbon tetrachloride, 1,1-Dichloroethene, Vinyl chloride, Methyl ethyl ketone, Bromoform, Chlorodibromomethane, Bromodichloromethane, Naphthalene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, 1,2,3-Trichlorobenzene, Hexachlorobutadiene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dichlorobenzene, n-Butylbenzene, p-Isopropyltoluene, 1,3-Dichlorobenzene, sec-Butylbenzene, 1,2,4-Trimethylbenzene, tert-Butylbenzene, 4-Chlorotoluene, 1,3,5-Trimethylbenzene, 2-Chlorotoluene, n-Propylbenzene, 1,2,3-Trichloropropane, Bromobenzene, 1,1,2,2-Tetrachloroethane, Isopropylbenzene, Styrene, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane, 1,3-Dichloropropane, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, cis-1,3-Dichloropropene, Dibromomethane, 1,2-Dichloropropane, 1,1-Dichloropropene, 1,1,1-Trichloroethane, Bromochloromethane, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, Trichlorofluoromethane, Chloroethane, Bromomethane, Chloromethane, Dichlorodifluoromethane, 2-Hexanone, Methyl isobutyl ketone, Acetone_58, Acetone}; Replace level QC with QC sample 03DEC19.D for compounds {Vinyl acetate, 2-Chloroethylvinyl ether, Acrylonitrile, Acrolein, Chloroform, p-Bromofluorobenzene, Toluene-d8, 1,2-Dichloroethane-d4, Dibromofluoromethane, Benzene, 1,4-Dichlorobenzene, Chlorobenzene, Tetrachloroethene, Trichloroethene, 1,2-Dichloroethane, Carbon tetrachloride, 1,1-Dichloroethene, Vinyl chloride, Methyl ethyl ketone, Bromoform, Chlorodibromomethane, Bromodichloromethane, Naphthalene,			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, 1,2,3-Trichlorobenzene, Hexachlorobutadiene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dichlorobenzene, n-Butylbenzene, p-Isopropyltoluene, 1,3-Dichlorobenzene, sec-Butylbenzene, 1,2,4-Trimethylbenzene, tert-Butylbenzene, 4-Chlorotoluene, 1,3,5-Trimethylbenzene, 2-Chlorotoluene, n-Propylbenzene, 1,2,3-Trichloropropane, Bromobenzene, 1,1,2,2-Tetrachloroethane, Isopropylbenzene, Styrene, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane, 1,3-Dichloropropane, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, cis-1,3-Dichloropropene, Dibromomethane, 1,2-Dichloropropane, 1,1-Dichloropropene, 1,1,1-Trichloroethane, Bromochloromethane, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, Trichlorofluoromethane, Chloroethane, Bromomethane, Chloromethane, Dichlorodifluoromethane, 2-Hexanone, Methyl isobutyl ketone, Acetone_58, Acetone}; Replace level 8 with Calibration sample 03DEC17.D for compounds {Vinyl acetate, 2-Chloroethylvinyl ether, Acrylonitrile, Acrolein, Chloroform, p-Bromofluorobenzene, Toluene-d8, 1,2-Dichloroethane-d4, Dibromofluoromethane, Benzene, 1,4-Dichlorobenzene, Chlorobenzene, Tetrachloroethene, Trichloroethene, 1,2-Dichloroethane, Carbon tetrachloride, 1,1-Dichloroethene, Vinyl chloride, Methyl ethyl ketone, Bromoform, Chlorodibromomethane, Bromodichloromethane, Naphthalene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, 1,2,3-Trichlorobenzene, Hexachlorobutadiene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dichlorobenzene, n-Butylbenzene, p-Isopropyltoluene, 1,3-Dichlorobenzene, sec-Butylbenzene, 1,2,4-Trimethylbenzene, tert-Butylbenzene, 4-Chlorotoluene, 1,3,5-Trimethylbenzene, 2-Chlorotoluene, n-Propylbenzene, 1,2,3-Trichloropropane, Bromobenzene, 1,1,2,2-Tetrachloroethane,				

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			Isopropylbenzene, Styrene, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane, 1,3-Dichloropropane, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, cis-1,3-Dichloropropene, Dibromomethane, 1,2-Dichloropropane, 1,1-Dichloropropene, 1,1,1-Trichloroethane, Bromochloromethane, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, Trichlorofluoromethane, Chloroethane, Bromomethane, Chloromethane, Dichlorodifluoromethane, 2-Hexanone, Methyl isobutyl ketone, Acetone_58, Acetone}; Replace level 7 with Calibration sample 03DEC15.D for compounds {Vinyl acetate, 2-Chloroethylvinyl ether, Acrylonitrile, Acrolein, Chloroform, p-Bromofluorobenzene, Toluene-d8, 1,2-Dichloroethane-d4, Dibromofluoromethane, Benzene, 1,4-Dichlorobenzene, Chlorobenzene, Tetrachloroethene, Trichloroethene, 1,2-Dichloroethane, Carbon tetrachloride, 1,1-Dichloroethene, Vinyl chloride, Methyl ethyl ketone, Bromoform, Chlorodibromomethane, Bromodichloromethane, Naphthalene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, 1,2,3-Trichlorobenzene, Hexachlorobutadiene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dichlorobenzene, n-Butylbenzene, p-Isopropyltoluene, 1,3-Dichlorobenzene, sec-Butylbenzene, 1,2,4-Trimethylbenzene, tert-Butylbenzene, 4-Chlorotoluene, 1,3,5-Trimethylbenzene, 2-Chlorotoluene, n-Propylbenzene, 1,2,3-Trichloropropane, Bromobenzene, 1,1,2,2-Tetrachloroethane, Isopropylbenzene, Styrene, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane, 1,3-Dichloropropane, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, cis-1,3-Dichloropropene, Dibromomethane, 1,2-Dichloropropane, 1,1-Dichloropropene, 1,1,1-Trichloroethane, Bromochloromethane, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene				

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			chloride, Trichlorofluoromethane, Chloroethane, Bromomethane, Chloromethane, Dichlorodifluoromethane, 2-Hexanone, Methyl isobutyl ketone, Acetone_58, Acetone}; Replace level 6 with Calibration sample 03DEC13.D for compounds {Vinyl acetate, 2-Chloroethylvinyl ether, Acrylonitrile, Acrolein, Chloroform, p-Bromofluorobenzene, Toluene-d8, 1,2-Dichloroethane-d4, Dibromofluoromethane, Benzene, 1,4-Dichlorobenzene, Chlorobenzene, Tetrachloroethene, Trichloroethene, 1,2-Dichloroethane, Carbon tetrachloride, 1,1-Dichloroethene, Vinyl chloride, Methyl ethyl ketone, Bromoform, Chlorodibromomethane, Bromodichloromethane, Naphthalene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, 1,2,3-Trichlorobenzene, Hexachlorobutadiene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dichlorobenzene, n-Butylbenzene, p-Isopropyltoluene, 1,3-Dichlorobenzene, sec-Butylbenzene, 1,2,4-Trimethylbenzene, tert-Butylbenzene, 4-Chlorotoluene, 1,3,5-Trimethylbenzene, 2-Chlorotoluene, n-Propylbenzene, 1,2,3-Trichloropropane, Bromobenzene, 1,1,2,2-Tetrachloroethane, Isopropylbenzene, Styrene, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane, 1,3-Dichloropropane, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, cis-1,3-Dichloropropene, Dibromomethane, 1,2-Dichloropropane, 1,1-Dichloropropene, 1,1,1-Trichloroethane, Bromochloromethane, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, Trichlorofluoromethane, Chloroethane, Bromomethane, Chloromethane, Dichlorodifluoromethane, 2-Hexanone, Methyl isobutyl ketone, Acetone_58, Acetone}; Replace level 5 with Calibration sample 03DEC11.D for compounds {Vinyl acetate, 2-Chloroethylvinyl ether, Acrylonitrile, Acrolein, Chloroform, p-Bromofluorobenzene, Toluene-d8, 1,2-Dichloroethane-d4, Dibromofluoromethane, Benzene, 1,4-				

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			Dichlorobenzene, Chlorobenzene, Tetrachloroethene, Trichloroethene, 1,2-Dichloroethane, Carbon tetrachloride, 1,1-Dichloroethene, Vinyl chloride, Methyl ethyl ketone, Bromoform, Chlorodibromomethane, Bromodichloromethane, Naphthalene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, 1,2,3-Trichlorobenzene, Hexachlorobutadiene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dichlorobenzene, n-Butylbenzene, p-Isopropyltoluene, 1,3-Dichlorobenzene, sec-Butylbenzene, 1,2,4-Trimethylbenzene, tert-Butylbenzene, 4-Chlorotoluene, 1,3,5-Trimethylbenzene, 2-Chlorotoluene, n-Propylbenzene, 1,2,3-Trichloropropane, Bromobenzene, 1,1,2,2-Tetrachloroethane, Isopropylbenzene, Styrene, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane, 1,3-Dichloropropane, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, cis-1,3-Dichloropropene, Dibromomethane, 1,2-Dichloropropane, 1,1-Dichloropropene, 1,1,1-Trichloroethane, Bromochloromethane, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, Trichlorofluoromethane, Chloroethane, Bromomethane, Chloromethane, Dichlorodifluoromethane, 2-Hexanone, Methyl isobutyl ketone, Acetone_58, Acetone}; Replace level 4 with Calibration sample 03DEC09.D for compounds {Vinyl acetate, 2-Chloroethylvinyl ether, Acrylonitrile, Acrolein, Chloroform, p-Bromofluorobenzene, Toluene-d8, 1,2-Dichloroethane-d4, Dibromofluoromethane, Benzene, 1,4-Dichlorobenzene, Chlorobenzene, Tetrachloroethene, Trichloroethene, 1,2-Dichloroethane, Carbon tetrachloride, 1,1-Dichloroethene, Vinyl chloride, Methyl ethyl ketone, Bromoform, Chlorodibromomethane, Bromodichloromethane, Naphthalene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, 1,2,3-Trichlorobenzene, Hexachlorobutadiene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dichlorobenzene, n-Butylbenzene, p-Isopropyltoluene,				

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			1,3-Dichlorobenzene, sec-Butylbenzene, 1,2,4-Trimethylbenzene, tert-Butylbenzene, 4-Chlorotoluene, 1,3,5-Trimethylbenzene, 2-Chlorotoluene, n-Propylbenzene, 1,2,3-Trichloropropane, Bromobenzene, 1,1,2,2-Tetrachloroethane, Isopropylbenzene, Styrene, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane, 1,3-Dichloropropane, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, cis-1,3-Dichloropropene, Dibromomethane, 1,2-Dichloropropane, 1,1-Dichloropropene, 1,1,1-Trichloroethane, Bromochloromethane, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, Trichlorofluoromethane, Chloroethane, Bromomethane, Chloromethane, Dichlorodifluoromethane, 2-Hexanone, Methyl isobutyl ketone, Acetone_58, Acetone}; Replace level 3 with Calibration sample 03DEC08.D for compounds {Vinyl acetate, 2-Chloroethylvinyl ether, Acrylonitrile, Acrolein, Chloroform, p-Bromofluorobenzene, Toluene-d8, 1,2-Dichloroethane-d4, Dibromofluoromethane, Benzene, 1,4-Dichlorobenzene, Chlorobenzene, Tetrachloroethene, Trichloroethene, 1,2-Dichloroethane, Carbon tetrachloride, 1,1-Dichloroethene, Vinyl chloride, Methyl ethyl ketone, Bromoform, Chlorodibromomethane, Bromodichloromethane, Naphthalene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, 1,2,3-Trichlorobenzene, Hexachlorobutadiene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dichlorobenzene, n-Butylbenzene, p-Isopropyltoluene, 1,3-Dichlorobenzene, sec-Butylbenzene, 1,2,4-Trimethylbenzene, tert-Butylbenzene, 4-Chlorotoluene, 1,3,5-Trimethylbenzene, 2-Chlorotoluene, n-Propylbenzene, 1,2,3-Trichloropropane, Bromobenzene, 1,1,2,2-Tetrachloroethane, Isopropylbenzene, Styrene, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane, 1,3-Dichloropropane, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, cis-1,3-Dichloropropene, Dibromomethane,				

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			1,2-Dichloropropane, 1,1-Dichloropropene, 1,1,1-Trichloroethane, Bromochloromethane, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, Trichlorofluoromethane, Chloroethane, Bromomethane, Chloromethane, Dichlorodifluoromethane, 2-Hexanone, Methyl isobutyl ketone, Acetone_58, Acetone}; Replace level 2 with Calibration sample 03DEC07.D for compounds {Vinyl acetate, 2-Chloroethylvinyl ether, Acrylonitrile, Acrolein, Chloroform, p-Bromofluorobenzene, Toluene-d8, 1,2-Dichloroethane-d4, Dibromofluoromethane, Benzene, 1,4-Dichlorobenzene, Chlorobenzene, Tetrachloroethene, Trichloroethene, 1,2-Dichloroethane, Carbon tetrachloride, 1,1-Dichloroethene, Vinyl chloride, Methyl ethyl ketone, Bromoform, Chlorodibromomethane, Bromodichloromethane, Naphthalene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, 1,2,3-Trichlorobenzene, Hexachlorobutadiene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dichlorobenzene, n-Butylbenzene, p-Isopropyltoluene, 1,3-Dichlorobenzene, sec-Butylbenzene, 1,2,4-Trimethylbenzene, tert-Butylbenzene, 4-Chlorotoluene, 1,3,5-Trimethylbenzene, 2-Chlorotoluene, n-Propylbenzene, 1,2,3-Trichloropropane, Bromobenzene, 1,1,2,2-Tetrachloroethane, Isopropylbenzene, Styrene, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane, 1,3-Dichloropropane, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, cis-1,3-Dichloropropene, Dibromomethane, 1,2-Dichloropropane, 1,1-Dichloropropene, 1,1,1-Trichloroethane, Bromochloromethane, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, Trichlorofluoromethane, Chloroethane, Bromomethane, Chloromethane, Dichlorodifluoromethane, 2-Hexanone, Methyl isobutyl ketone, Acetone_58, Acetone}; Replace level 1 with				

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			Calibration sample 03DEC06.D for compounds {Vinyl acetate, 2-Chloroethylvinyl ether, Acrylonitrile, Acrolein, Chloroform, p-Bromofluorobenzene, Toluene-d8, 1,2-Dichloroethane-d4, Dibromofluoromethane, Benzene, 1,4-Dichlorobenzene, Chlorobenzene, Tetrachloroethene, Trichloroethene, 1,2-Dichloroethane, Carbon tetrachloride, 1,1-Dichloroethene, Vinyl chloride, Methyl ethyl ketone, Bromoform, Chlorodibromomethane, Bromodichloromethane, Naphthalene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, 1,2,3-Trichlorobenzene, Hexachlorobutadiene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dichlorobenzene, n-Butylbenzene, p-Isopropyltoluene, 1,3-Dichlorobenzene, sec-Butylbenzene, 1,2,4-Trimethylbenzene, tert-Butylbenzene, 4-Chlorotoluene, 1,3,5-Trimethylbenzene, 2-Chlorotoluene, n-Propylbenzene, 1,2,3-Trichloropropane, Bromobenzene, 1,1,2,2-Tetrachloroethane, Isopropylbenzene, Styrene, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane, 1,3-Dichloropropane, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, cis-1,3-Dichloropropene, Dibromomethane, 1,2-Dichloropropane, 1,1-Dichloropropene, 1,1,1-Trichloroethane, Bromochloromethane, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, Trichlorofluoromethane, Chloroethane, Bromomethane, Chloromethane, Dichlorodifluoromethane, 2-Hexanone, Methyl isobutyl ketone, Acetone_58, Acetone};				
CmdSaveBatchTable	BL2000\steve	12/6/2021 10:00:22 AM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:00:53 AM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\steve	12/6/2021 10:01:30 AM	Set LevelEnable = False for calibration level 1, levelId = 9 of compound Dichlorodifluoromethane in sample 03DEC11.D; previous value = True			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdQuantitate	BL2000\steve	12/6/2021 10:01:38 AM	Quantitate compound Dichlorodifluoromethane in sample 03DEC06.D			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/6/2021 10:02:29 AM	Set CurveFit = fitQuadratic for compound Bromomethane in all samples; previous value = fitAverageOfResponseFactors			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/6/2021 10:02:35 AM	Set CurveFitWeight = weightOneOverX for compound Bromomethane in all samples; previous value = weightEqual			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:02:37 AM	Quantitate compound Bromomethane in sample 03DEC07.D			✓	
CmdSetLevelEnable	BL2000\steve	12/6/2021 10:03:14 AM	Set LevelEnable = False for calibration level 1, levelId = 9 of compound Acrolein in sample 03DEC11.D; previous value = True			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:03:23 AM	Quantitate compound Acrolein in sample 03DEC07.D			✓	
CmdSetLevelEnable	BL2000\steve	12/6/2021 10:03:39 AM	Set LevelEnable = False for calibration level 1, levelId = 9 of compound 1,1-Dichloroethene in sample 03DEC11.D; previous value = True			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:03:42 AM	Quantitate compound 1,1-Dichloroethene in sample 03DEC07.D			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/6/2021 10:03:49 AM	Set CurveFit = fitAverageOfResponseFactors for compound 1,1-Dichloroethene in all samples; previous value = fitQuadratic			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/6/2021 10:03:54 AM	Set CurveFitWeight = weightEqual for compound 1,1-Dichloroethene in all samples; previous value = weightOneOverX			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:03:56 AM	Quantitate compound 1,1-Dichloroethene in sample 03DEC07.D			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:04:13 AM	Quantitate compound 1,1-Dichloroethene in sample 03DEC06.D			✓	
CmdSetLevelEnable	BL2000\steve	12/6/2021 10:04:16 AM	Set LevelEnable = True for calibration level 1, levelId = 9 of compound 1,1-Dichloroethene in sample 03DEC11.D; previous value = False			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:04:19 AM	Quantitate compound 1,1-Dichloroethene in sample 03DEC06.D			✓	
CmdSetLevelEnable	BL2000\steve	12/6/2021 10:04:23 AM	Set LevelEnable = False for calibration level 1, levelId = 9 of compound 1,1-Dichloroethene in sample 03DEC11.D; previous value = True			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:04:25 AM	Quantitate compound 1,1-Dichloroethene in sample 03DEC06.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetLevelEnable	BL2000\steve	12/6/2021 10:05:20 AM	Set LevelEnable = True for calibration level 1, levelId = 9 of compound trans-1,2-Dichloroethene in sample 03DEC11.D; previous value = False			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:05:24 AM	Quantitate compound trans-1,2-Dichloroethene in sample 03DEC06.D			✓	
CmdSetLevelEnable	BL2000\steve	12/6/2021 10:05:58 AM	Set LevelEnable = True for calibration level 1, levelId = 9 of compound 1,1-Dichloroethane in sample 03DEC11.D; previous value = False			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:06:01 AM	Quantitate compound 1,1-Dichloroethane in sample 03DEC06.D			✓	
CmdSetLevelEnable	BL2000\steve	12/6/2021 10:06:52 AM	Set LevelEnable = True for calibration level 1, levelId = 9 of compound cis-1,2-Dichloroethene in sample 03DEC11.D; previous value = False			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:06:55 AM	Quantitate compound cis-1,2-Dichloroethene in sample 03DEC06.D			✓	
CmdSetLevelEnable	BL2000\steve	12/6/2021 10:07:03 AM	Set LevelEnable = False for calibration level 1, levelId = 9 of compound cis-1,2-Dichloroethene in sample 03DEC11.D; previous value = True			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:07:18 AM	Quantitate compound cis-1,2-Dichloroethene in sample 03DEC06.D			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:07:25 AM	Quantitate compound cis-1,2-Dichloroethene in sample 03DEC07.D			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:09:39 AM	Quantitate compound 1,2-Dichloroethane-d4 in sample 03DEC06.D			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/6/2021 10:13:44 AM	Manually integrate qualifier 77.0 of compound trans-1,3-Dichloropropene in sample 03DEC07.D, from x, y = 8.932, 195 to 8.994, 200, result = 5083; previous integration is from x, y = 8.932, 195 to 9.072, 195 and previous response = 8488.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/6/2021 10:13:58 AM	Manually integrate qualifier 77.0 of compound trans-1,3-Dichloropropene in sample 03DEC06.D, from x, y = 8.938, 0 to 8.995, 9, result = 3034; previous integration is from x, y = 8.938, 0 to 9.083, 0 and previous response = 7198.			✓	
CmdManuallyIntegrate DropBaseline	BL2000\steve	12/6/2021 10:14:05 AM	Drop baseline for qualifier 77.0 of compound trans-1,3-Dichloropropene in sample 03DEC06.D to y = 0, new integration is from x, y = 8.938, 0 to 8.995, 0 and new response = 3049; previous integration is from x, y = 8.938, 0 to 8.995, 9 and previous response = 3034.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetLevelEnable	BL2000\steve	12/6/2021 10:14:49 AM	Set LevelEnable = True for calibration level 1, levelId = 9 of compound 1,1,2-Trichloroethane in sample 03DEC11.D; previous value = False			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:14:53 AM	Quantitate compound 1,1,2-Trichloroethane in sample 03DEC06.D			✓	
CmdSetLevelEnable	BL2000\steve	12/6/2021 10:14:59 AM	Set LevelEnable = False for calibration level 1, levelId = 9 of compound 1,1,2-Trichloroethane in sample 03DEC11.D; previous value = True			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:15:02 AM	Quantitate compound 1,1,2-Trichloroethane in sample 03DEC06.D			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/6/2021 10:16:40 AM	Set CurveFit = fitQuadratic for compound 1,1,2,2-Tetrachloroethane in all samples; previous value = fitAverageOfResponseFactors			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/6/2021 10:16:45 AM	Set CurveFitWeight = weightOneOverX for compound 1,1,2,2-Tetrachloroethane in all samples; previous value = weightEqual			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:16:52 AM	Quantitate compound 1,1,2,2-Tetrachloroethane in sample 03DEC06.D			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/6/2021 10:17:28 AM	Manually integrate qualifier 77.0 of compound Bromobenzene in sample 03DEC06.D, from x, y = 11.374, 66 to 11.447, 56, result = 2920; previous integration is from x, y = 11.374, 66 to 11.493, 142 and previous response = 3136.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/6/2021 10:17:40 AM	Manually integrate qualifier 77.0 of compound Bromobenzene in sample 03DEC06.D, from x, y = 11.374, 158 to 11.447, 150, result = 2516; previous integration is from x, y = 11.374, 66 to 11.447, 56 and previous response = 2920.			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:21:10 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 10:21:20 AM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/6/2021 10:22:19 AM	Manually integrate qualifier127.0 of compound Naphthalene in sample 03DEC19.D from x, y = 14.514, 0 to 14.612, 0; result = 1897			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 10:22:30 AM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSaveBatchTable	BL2000\steve	12/6/2021 11:06:07 AM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdStartMethodEditing	BL2000\steve	12/6/2021 11:06:27 AM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\steve	12/6/2021 11:06:28 AM	Import method from sample 03DEC11.D			✓	
CmdSaveMethodAs	BL2000\steve	12/6/2021 11:08:35 AM	Save method to file \\MASSHUNTER\Org\Data\Methods\Quant\SV5972\SV5972_120321_CAL\SV5972_8260B_624pt1_120321.m			✓	
CmdApplyMethodToAllSamples	BL2000\steve	12/6/2021 11:08:54 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\steve	12/6/2021 11:08:54 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\steve	12/6/2021 11:08:54 AM	End method editing			✓	
CmdQuantitate	BL2000\steve	12/6/2021 11:09:25 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 11:10:26 AM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdOpenBatchTable	BL2000\steve	12/6/2021 11:15:46 AM	Open batch D:\Org\Data\SV5972.I\SB120321_BTEX_L4\SB120321_8260B_624pt1_L4.batch.bin			✓	
CmdStartMethodEditing	BL2000\steve	12/6/2021 11:16:24 AM	Start method editing			✓	
CmdImportMethodFromFile	BL2000\steve	12/6/2021 11:16:25 AM	Import method from file \\MASSHUNTER\Org\Data\Methods\Quant\SV5972\SV5972_110321_CAL\SV5972_8260B_624pt1_110321_BTEX_L4.m			✓	
CmdApplyMethodToAllSamples	BL2000\steve	12/6/2021 11:16:48 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\steve	12/6/2021 11:16:48 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\steve	12/6/2021 11:16:49 AM	End method editing			✓	
CmdQuantitate	BL2000\steve	12/6/2021 11:16:53 AM	Quantitate all compounds in all samples			✓	
CmdSelectPeak	BL2000\steve	12/6/2021 11:20:57 AM	Select peak for compound Chlorobenzene-d5 in sample 03DEC11.D			✓	
CmdSelectPeak	BL2000\steve	12/6/2021 11:21:19 AM	Select peak for compound Ethylbenzene in sample 03DEC11.D			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 11:22:06 AM	Save batch D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin			✓	
CmdStartMethodEditing	BL2000\steve	12/6/2021 11:23:52 AM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\steve	12/6/2021 11:23:52 AM	Import method from sample 03DEC11.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdUpdateRetentionTimes	BL2000\steve	12/6/2021 11:24:14 AM	Update retention time for compound o-Xylene; m+p-Xylenes; Ethylbenzene; Toluene; Toluene-d8; 1,2-Dichloroethane; Benzene; 1,2-Dichloroethane-d4; Dibromofluoromethane; 1,4-Dichlorobenzene-d4; Chlorobenzene-d5; Fluorobenzene; p-Bromofluorobenzene;			✓	
CmdUpdateQualifierRatios	BL2000\steve	12/6/2021 11:24:34 AM	Update qualifier ratios for compound o-Xylene; Update qualifier ratios for compound m+p-Xylenes; Update qualifier ratios for compound Ethylbenzene; Update qualifier ratios for compound Toluene; Update qualifier ratios for compound Toluene-d8; Update qualifier ratios for compound 1,2-Dichloroethane; Update qualifier ratios for compound Benzene; Update qualifier ratios for compound 1,2-Dichloroethane-d4; Update qualifier ratios for compound Dibromofluoromethane; Update qualifier ratios for compound 1,4-Dichlorobenzene-d4; Update qualifier ratios for compound Chlorobenzene-d5; Update qualifier ratios for compound Fluorobenzene; Update qualifier ratios for compound p-Bromofluorobenzene;			✓	
CmdApplyMethodToAllSamples	BL2000\steve	12/6/2021 11:24:52 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\steve	12/6/2021 11:24:52 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\steve	12/6/2021 11:24:53 AM	End method editing			✓	
CmdQuantitate	BL2000\steve	12/6/2021 11:24:58 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 11:26:53 AM	Save batch D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\steve	12/6/2021 11:27:16 AM	Replace level CC with CC sample CC03DEC11.D for compounds {p-Bromofluorobenzene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, Toluene-d8, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, Dibromofluoromethane}; Replace level QC with QC sample 03DEC19.D for compounds {p-Bromofluorobenzene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, Toluene-d8, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, Dibromofluoromethane}; Replace level 8 with Calibration sample 03DEC17.D for compounds {p-Bromofluorobenzene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, Toluene-d8, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, Dibromofluoromethane}; Replace level 7 with Calibration sample 03DEC15.D for compounds {p-Bromofluorobenzene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, Toluene-d8, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, Dibromofluoromethane}; Replace level 6 with Calibration sample 03DEC13.D for compounds {p-Bromofluorobenzene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, Toluene-d8, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, Dibromofluoromethane}; Replace level 5 with Calibration sample 03DEC11.D for compounds {p-Bromofluorobenzene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, Toluene-d8, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, Dibromofluoromethane}; Replace level 4 with Calibration sample 03DEC09.D for compounds {p-Bromofluorobenzene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, Toluene-d8, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, Dibromofluoromethane}; Replace level 3 with Calibration sample 03DEC08.D for compounds {p-Bromofluorobenzene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, Toluene-d8, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, Dibromofluoromethane}; Replace level 2 with Calibration sample 03DEC07.D for compounds {p-Bromofluorobenzene, o-Xylene, m+p-			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			Xylenes, Ethylbenzene, Toluene, Toluene-d8, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, Dibromofluoromethane}; Replace level 1 with Calibration sample 03DEC06.D for compounds {p-Bromofluorobenzene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, Toluene-d8, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, Dibromofluoromethane};				
CmdQuantitate	BL2000\steve	12/6/2021 11:27:24 AM	Quantitate all compounds in all samples			✓	
CmdQuantitate	BL2000\steve	12/6/2021 11:29:23 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 11:29:28 AM	Save batch D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 11:30:07 AM	Save batch D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin			✓	
CmdStartMethodEditing	BL2000\steve	12/6/2021 11:30:24 AM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\steve	12/6/2021 11:30:24 AM	Import method from sample 03DEC11.D			✓	
CmdSaveMethodAs	BL2000\steve	12/6/2021 11:31:33 AM	Save method to file \\MASSHUNTER\Org\Data\Methods\Quant\SV5972\SV5972_120321_CAL\SV5972_8260B_624pt1_BTEX_L4_120321.m			✓	
CmdApplyMethodToAllSamples	BL2000\steve	12/6/2021 11:31:39 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\steve	12/6/2021 11:31:39 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\steve	12/6/2021 11:31:40 AM	End method editing			✓	
CmdQuantitate	BL2000\steve	12/6/2021 11:31:45 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 11:31:50 AM	Save batch D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 11:38:22 AM	Save batch D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 12:30:32 PM	Save batch D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdOpenBatchTable	BL2000\steve	12/7/2021 2:17:28 PM	Open batch D:\Org\Data\SV5972.I\SB120321_BTEX_L4\SB120321_8260B_624pt1_L4.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/7/2021 3:40:50 PM	Save batch D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin			✓	
CmdOpenBatchTable	BL2000\steve	12/8/2021 10:17:11 AM	Open batch D:\Org\Data\SV5972.I\SB120321_BTEX_L4\SB120321_8260B_624pt1_L4.batch.bin			✓	
CmdQuantitate	BL2000\steve	12/8/2021 10:17:34 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/8/2021 10:17:37 AM	Save batch D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin			✓	
GenerateReport	BL2000\steve	12/8/2021 10:19:47 AM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\Calibration\01_Init_Cal+Gen_Calibration+Gen_ResultsSummary.m, Output Path: D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantReports\SB120321_8260B_624pt1_L4			✓	
GenerateReport	BL2000\steve	12/8/2021 10:32:20 AM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\Calibration\02_LCSSpike+QuantResults_wGraphics+Chromatogram+AuditTrail.m, Output Path: D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantReports\SB120321_8260B_624pt1_L4-1			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 10:32:36 AM	Set SampleApproved = True for sample 03DEC04.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 10:32:38 AM	Set SampleApproved = True for sample 03DEC05.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 10:32:39 AM	Set SampleApproved = True for sample 03DEC06.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 10:32:41 AM	Set SampleApproved = True for sample 03DEC07.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 10:32:42 AM	Set SampleApproved = True for sample 03DEC08.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 10:32:44 AM	Set SampleApproved = True for sample 03DEC09.D; previous value = False			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\steve	12/8/2021 10:32:52 AM	Set SampleApproved = True for sample 03DEC11.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 10:32:54 AM	Set SampleApproved = True for sample 03DEC13.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 10:32:56 AM	Set SampleApproved = True for sample 03DEC15.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 10:32:58 AM	Set SampleApproved = True for sample 03DEC17.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 10:33:04 AM	Set SampleApproved = True for sample 03DEC19.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 10:33:06 AM	Set SampleApproved = True for sample CC03DEC11.D; previous value = False			✓	
CmdSaveBatchTable	BL2000\steve	12/8/2021 10:33:12 AM	Save batch D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/8/2021 10:33:40 AM	Save batch D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin			✓	

Energy Laboratories Inc

ANALYTICAL RUN Summary

08-Dec-21

Run ID SV5972.I_211206A

Run Start Date:	12/6/2021
Analyst:	Steve Dilts
Ical:	0
Column ID:	DB-624
Comments:	

Std ID	Std Name	Std Amount	Std Units	Samp Amount	Samp Units	SampType	Expiration Date
VOCF3497B	Liquids	1.05	ul	42	ml	CCV	12/11/2021
VOCF3505B	2nd Source Liquids	1.05	ul	42	ml	LCS, MS, M	12/23/2021
VOCF3517	Internal Standard / Surrogates (INT/SURR)	8.4	ul	42	ml	all (TUNE =	12/31/2022

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907731	06DEC02_D_T	VOC-8260-BFB	TUNE	V5972.I\SB120621	2/6/2021 11:41:	1	R371353		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
173, % of mass 174	A	%	0	0		100	0	0	0	0	0	0%	0	1.99	0%	
174, % of mass 95	A	%	92.4	92.4		100	0	0	0	0	0	92%	50	99.99	0%	
175, % of mass 174	A	%	8.1	8.1		100	0	0	0	0	0	8%	5	9	0%	
176, % of mass 174	A	%	97.3	97.3		100	0	0	0	0	0	97%	95	101	0%	
177, % of mass 176	A	%	6.5	6.5		100	0	0	0	0	0	7%	5	9	0%	
50, % of mass 95	A	%	15.5	15.5		100	0	0	0	0	0	16%	15	40	0%	
75, % of mass 95	A	%	41.4	41.4		100	0	0	0	0	0	41%	30	60	0%	
95, Base Peak	A	%	100	100		100	0	0	0	0	0	100%	0	100	0%	
96, % of mass 95	A	%	6.8	6.8		100	0	0	0	0	0	7%	5	9	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907732	CCV120621	VOC-8260-W-Q	CCV	V5972.I\SB120621	2/6/2021 12:06:	1	R371353		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	121.16503	4.8466012		5	0	0	0.0481	0.5	500	97%	80	120	0%	
Ethylbenzene	A	ug/L	115.31457	4.6125828		5	0	0	0.05	0.5	500	92%	80	120	0%	
m+p-Xylenes	A	ug/L	234.58614	9.3834456		10	0	0	0.0688	0.5	1000	94%	80	120	0%	
o-Xylene	A	ug/L	116.26876	4.6507504		5	0	0	0.0436	0.5	500	93%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907732	CCV120621	VOC-8260-W-Q	CCV	V5972.I\SB1206212/6/2021 12:06:		1	R371353		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Toluene	A	ug/L	118.09957	4.7239828		5	0	0	0.0606	0.5	500	94%	80	120	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	350.8549	14.034196		15	0	0	0.0436	0.5	1500	94%	80	120	0%	
1,2-Dichloroethane-d4	S	ug/L	236.81613	9.4726452		10	0	0	0.0944	0.5	500	95%	80	120	0%	
Dibromofluoromethane	S	ug/L	250.90271	10.0361084		10	0	0	0.07	0.5	500	100%	80	120	0%	
p-Bromofluorobenzene	S	ug/L	247.36915	9.894766		10	0	0	0.112	0.5	500	99%	80	120	0%	
Toluene-d8	S	ug/L	233.27983	9.3311932		10	0	0	0.081	0.5	500	93%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907733	LCS120621	VOC-8260-W-Q	LCS-DOD	V5972.I\SB1206212/6/2021 12:31:		1	R371353		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	121.99524	4.8798096		5	0	0	0.0481	0.5	500	98%	79	120	0%	
Ethylbenzene	A	ug/L	121.08042	4.8432168		5	0	0	0.05	0.5	500	97%	79	121	0%	
m+p-Xylenes	A	ug/L	241.26138	9.6504552		10	0	0	0.0688	0.5	1000	97%	80	121	0%	
o-Xylene	A	ug/L	123.80308	4.9521232		5	0	0	0.0436	0.5	500	99%	78	122	0%	
Toluene	A	ug/L	122.41068	4.8964272		5	0	0	0.0606	0.5	500	98%	80	121	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	365.06446	14.6025784		15	0	0	0.0436	0.5	1500	97%	79	121	0%	
1,2-Dichloroethane-d4	S	ug/L	235.96026	9.4384104		10	0	0	0.0944	0.5	500	94%	81	118	0%	
Dibromofluoromethane	S	ug/L	248.5957	9.943828		10	0	0	0.07	0.5	500	99%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	247.06318	9.8825272		10	0	0	0.112	0.5	500	99%	85	114	0%	
Toluene-d8	S	ug/L	234.48733	9.3794932		10	0	0	0.081	0.5	500	94%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907734	MBLK120621	VOC-8260-W-Q	MBLK	V5972.I\SB1206212/6/2021 1:21:0		1	R371353		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	0.5	500	0%	0	0	0%	
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	0.5	500	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907734	MBLK120621	VOC-8260-W-Q	MBLK	V5972.I\SB1206212/6/2021 1:21:0		1	R371353		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	0.5	1000	0%	0	0	0%	
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	0.5	500	0%	0	0	0%	
Toluene	A	ug/L	0	0		0	0	0	0.0606	0.5	500	0%	0	0	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	0.5	1500	0%	0	0	0%	
1,2-Dichloroethane-d4	S	ug/L	235.95094	9.4380376		10	0	0	0.0944	0.5	500	94%	81	118	0%	
Dibromofluoromethane	S	ug/L	249.53551	9.9814204		10	0	0	0.07	0.5	500	100%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	250.93961	10.0375844		10	0	0	0.112	0.5	500	100%	85	114	0%	
Toluene-d8	S	ug/L	234.45957	9.3783828		10	0	0	0.081	0.5	500	94%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907735	B21120381-009	VOC-8260-W-B	SAMP	V5972.I\SB1206212/6/2021 2:19:0		1	R371353		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	1	1000	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0606	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	0	0		0	0	0	0.0436	1	0	0%	0	0	0%	U
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	1	1500	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	232.95519	9.3182076		10	0	0	0.0944	0	0	93%	81	118	0%	
Dibromofluoromethane	S	ug/L	246.73509	9.8694036		10	0	0	0.07	0	0	99%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	263.89669	10.5558676		10	0	0	0.112	0	0	106%	85	114	0%	
Toluene-d8	S	ug/L	238.2758	9.531032		10	0	0	0.081	0	0	95%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907736	B21120381-010	VOC-8260-W-B	SAMP	V5972.I\SB1206212/6/2021 2:44:0		1	R371353		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	1	1000	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0606	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	0	0		0	0	0	0.0436	1	0	0%	0	0	0%	U
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	1	1500	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	237.13565	9.485426		10	0	0	0.0944	0	0	95%	81	118	0%	
Dibromofluoromethane	S	ug/L	251.85196	10.0740784		10	0	0	0.07	0	0	101%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	256.89867	10.2759468		10	0	0	0.112	0	0	103%	85	114	0%	
Toluene-d8	S	ug/L	236.40855	9.456342		10	0	0	0.081	0	0	95%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907737	B21120381-011	VOC-8260-W-B	SAMP	V5972.I\SB1206212/6/2021 3:10:0		1	R371353		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	1	1000	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0606	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	0	0		0	0	0	0.0436	1	0	0%	0	0	0%	U
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	1	1500	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	233.47185	9.338874		10	0	0	0.0944	0	0	93%	81	118	0%	
Dibromofluoromethane	S	ug/L	250.53092	10.0212368		10	0	0	0.07	0	0	100%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	258.5583	10.342332		10	0	0	0.112	0	0	103%	85	114	0%	
Toluene-d8	S	ug/L	233.64028	9.3456112		10	0	0	0.081	0	0	93%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907738	B21120396-002	VOC-8260-W-B	SAMP	V5972.I\SB1206212/6/2021 3:35:0		1	R371353		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	1	1000	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0606	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	0	0		0	0	0	0.0436	1	0	0%	0	0	0%	U
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	1	1500	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	239.16047	9.5664188		10	0	0	0.0944	0	0	96%	81	118	0%	
Dibromofluoromethane	S	ug/L	251.15593	10.0462372		10	0	0	0.07	0	0	100%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	256.4795	10.25918		10	0	0	0.112	0	0	103%	85	114	0%	
Toluene-d8	S	ug/L	238.22697	9.5290788		10	0	0	0.081	0	0	95%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907739	B21120381-004	VOC-8260-W-B	SAMP	V5972.I\SB1206212/6/2021 4:00:0		1	R371353		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	1	1000	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0606	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	0	0		0	0	0	0.0436	1	0	0%	0	0	0%	U
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	1	1500	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	234.753	9.39012		10	0	0	0.0944	0	0	94%	81	118	0%	
Dibromofluoromethane	S	ug/L	249.1976	9.967904		10	0	0	0.07	0	0	100%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	253.97253	10.1589012		10	0	0	0.112	0	0	102%	85	114	0%	
Toluene-d8	S	ug/L	233.33795	9.333518		10	0	0	0.081	0	0	93%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907740	B21120381-005	VOC-8260-W-B	SAMP	V5972.I\SB1206212/6/2021 4:25:0		1	R371353		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	1	1000	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0606	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	0	0		0	0	0	0.0436	1	0	0%	0	0	0%	U
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	1	1500	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	232.62919	9.3051676		10	0	0	0.0944	0	0	93%	81	118	0%	
Dibromofluoromethane	S	ug/L	246.4271	9.857084		10	0	0	0.07	0	0	99%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	255.05728	10.2022912		10	0	0	0.112	0	0	102%	85	114	0%	
Toluene-d8	S	ug/L	235.07022	9.4028088		10	0	0	0.081	0	0	94%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907741	B21120381-006	VOC-8260-W-B	SAMP	V5972.I\SB1206212/6/2021 4:50:0		1	R371353		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	1	1000	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0606	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	0	0		0	0	0	0.0436	1	0	0%	0	0	0%	U
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	1	1500	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	233.49029	9.3396116		10	0	0	0.0944	0	0	93%	81	118	0%	
Dibromofluoromethane	S	ug/L	248.90583	9.9562332		10	0	0	0.07	0	0	100%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	251.36613	10.0546452		10	0	0	0.112	0	0	101%	85	114	0%	
Toluene-d8	S	ug/L	236.42293	9.4569172		10	0	0	0.081	0	0	95%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907742	B21120381-007	VOC-8260-W-B	SAMP	V5972.I\SB1206212/6/2021 5:15:0		1	R371353		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	1.53583	0.0614332		0	0	0	0.05	1	500	0%	0	0	0%	J
m+p-Xylenes	A	ug/L	3.8146	0.152584		0	0	0	0.0688	1	1000	0%	0	0	0%	J
o-Xylene	A	ug/L	4.53082	0.1812328		0	0	0	0.0436	1	500	0%	0	0	0%	J
Toluene	A	ug/L	0	0		0	0	0	0.0606	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	9.88125	0.39525		0	0	0	0.0436	1	0	0%	0	0	0%	J
Xylenes, Total	M	ug/L	8.34542	0.3338168		0	0	0	0.0436	1	1500	0%	0	0	0%	J
1,2-Dichloroethane-d4	S	ug/L	234.83378	9.3933512		10	0	0	0.0944	0	0	94%	81	118	0%	
Dibromofluoromethane	S	ug/L	248.45242	9.9380968		10	0	0	0.07	0	0	99%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	255.33688	10.2134752		10	0	0	0.112	0	0	102%	85	114	0%	
Toluene-d8	S	ug/L	234.70094	9.3880376		10	0	0	0.081	0	0	94%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907743	B21120381-008	VOC-8260-W-B	SAMP	V5972.I\SB1206212/6/2021 5:40:0		1	R371353		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	1	1000	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0606	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	0	0		0	0	0	0.0436	1	0	0%	0	0	0%	U
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	1	1500	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	232.9705	9.31882		10	0	0	0.0944	0	0	93%	81	118	0%	
Dibromofluoromethane	S	ug/L	247.58322	9.9033288		10	0	0	0.07	0	0	99%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	253.89949	10.1559796		10	0	0	0.112	0	0	102%	85	114	0%	
Toluene-d8	S	ug/L	231.80237	9.2720948		10	0	0	0.081	0	0	93%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907744	B21120396-001	VOC-8260-W-B	SAMP	V5972.I\SB1206212/6/2021 6:05:0		1	R371353		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	1	1000	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0606	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	0	0		0	0	0	0.0436	1	0	0%	0	0	0%	U
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	1	1500	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	231.66119	9.2664476		10	0	0	0.0944	0	0	93%	81	118	0%	
Dibromofluoromethane	S	ug/L	247.68356	9.9073424		10	0	0	0.07	0	0	99%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	251.23118	10.0492472		10	0	0	0.112	0	0	100%	85	114	0%	
Toluene-d8	S	ug/L	234.45841	9.3783364		10	0	0	0.081	0	0	94%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907745	B21120381-004	VOC-8260-W-Q	SAMP	V5972.I\SB1206212/6/2021 4:00:0		1	R371353		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	0.5	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	0.5	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	0.5	1000	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	0.5	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0606	0.5	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	0.5	1500	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	234.753	9.39012		10	0	0	0.0944	0.5	500	94%	81	118	0%	
Dibromofluoromethane	S	ug/L	249.1976	9.967904		10	0	0	0.07	0.5	500	100%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	253.97253	10.1589012		10	0	0	0.112	0.5	500	102%	85	114	0%	
Toluene-d8	S	ug/L	233.33795	9.333518		10	0	0	0.081	0.5	500	93%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907746	B21120381-004	VOC-8260-W-Q	MS-DOD	V5972.I\SB1206212/6/2021 6:30:0		1	R371353		1E+07	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	124.71348	4.9885392		5	0	0	0.0481	0.5	500	100%	79	120	0%	
Ethylbenzene	A	ug/L	121.45519	4.8582076		5	0	0	0.05	0.5	500	97%	79	121	0%	
m+p-Xylenes	A	ug/L	241.89586	9.6758344		10	0	0	0.0688	0.5	1000	97%	80	121	0%	
o-Xylene	A	ug/L	125.55041	5.0220164		5	0	0	0.0436	0.5	500	100%	78	122	0%	
Toluene	A	ug/L	126.04423	5.0417692		5	0	0	0.0606	0.5	500	101%	80	121	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	367.44627	14.6978508		15	0	0	0.0436	0.5	1500	98%	79	121	0%	
1,2-Dichloroethane-d4	S	ug/L	232.08006	9.2832024		10	0	0	0.0944	0.5	500	93%	81	118	0%	
Dibromofluoromethane	S	ug/L	248.50136	9.9400544		10	0	0	0.07	0.5	500	99%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	255.43753	10.2175012		10	0	0	0.112	0.5	500	102%	85	114	0%	
Toluene-d8	S	ug/L	235.89323	9.4357292		10	0	0	0.081	0.5	500	94%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907747	B21120381-004	VOC-8260-W-Q	MSD-DOD	V5972.I\SB1206212/6/2021 6:56:0		1	R371353		1E+07	1E+07	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	122.8828	4.915312		5	0	4.9885392	0.0481	0.5	500	98%	79	120	1%	
Ethylbenzene	A	ug/L	120.62854	4.8251416		5	0	4.8582076	0.05	0.5	500	97%	79	121	1%	
m+p-Xylenes	A	ug/L	234.86414	9.3945656		10	0	9.6758344	0.0688	0.5	1000	94%	80	121	3%	
o-Xylene	A	ug/L	121.12604	4.8450416		5	0	5.0220164	0.0436	0.5	500	97%	78	122	4%	
Toluene	A	ug/L	125.44948	5.0179792		5	0	5.0417692	0.0606	0.5	500	100%	80	121	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	355.99018	14.2396072		15	0	14.697851	0.0436	0.5	1500	95%	79	121	3%	
1,2-Dichloroethane-d4	S	ug/L	237.66275	9.50651		10	0	0	0.0944	0.5	500	95%	81	118	0%	
Dibromofluoromethane	S	ug/L	251.09823	10.0439292		10	0	0	0.07	0.5	500	100%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	258.20594	10.3282376		10	0	0	0.112	0.5	500	103%	85	114	0%	
Toluene-d8	S	ug/L	240.6696	9.626784		10	0	0	0.081	0.5	500	96%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907748	CCV120621_CL	VOC-8260-W-Q	CCV	V5972.I\SB1206212/6/2021 7:21:0		1	R371353		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	120.15656	4.8062624		5	0	0	0.0481	0.5	500	96%	50	150	0%	
Ethylbenzene	A	ug/L	117.18886	4.6875544		5	0	0	0.05	0.5	500	94%	50	150	0%	
m+p-Xylenes	A	ug/L	236.17243	9.4468972		10	0	0	0.0688	0.5	1000	94%	50	150	0%	
o-Xylene	A	ug/L	116.31013	4.6524052		5	0	0	0.0436	0.5	500	93%	50	150	0%	
Toluene	A	ug/L	119.78966	4.7915864		5	0	0	0.0606	0.5	500	96%	50	150	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	352.48256	14.0993024		15	0	0	0.0436	0.5	1500	94%	50	150	0%	
1,2-Dichloroethane-d4	S	ug/L	232.06394	9.2825576		10	0	0	0.0944	0.5	500	93%	50	150	0%	
Dibromofluoromethane	S	ug/L	249.62141	9.9848564		10	0	0	0.07	0.5	500	100%	50	150	0%	
p-Bromofluorobenzene	S	ug/L	243.7673	9.750692		10	0	0	0.112	0.5	500	98%	50	150	0%	
Toluene-d8	S	ug/L	238.28995	9.531598		10	0	0	0.081	0.5	500	95%	50	150	0%	

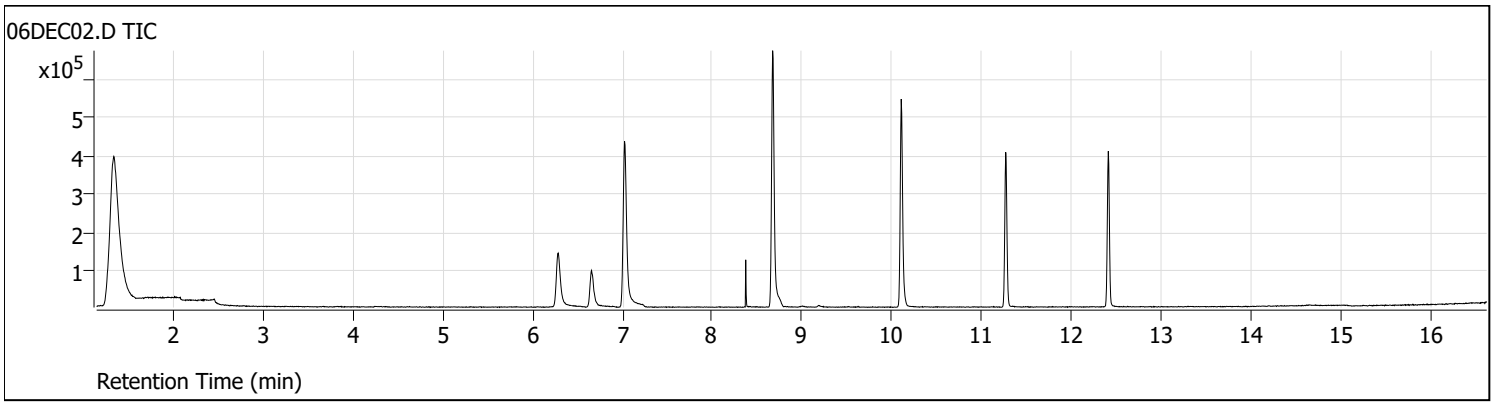
Injection Log

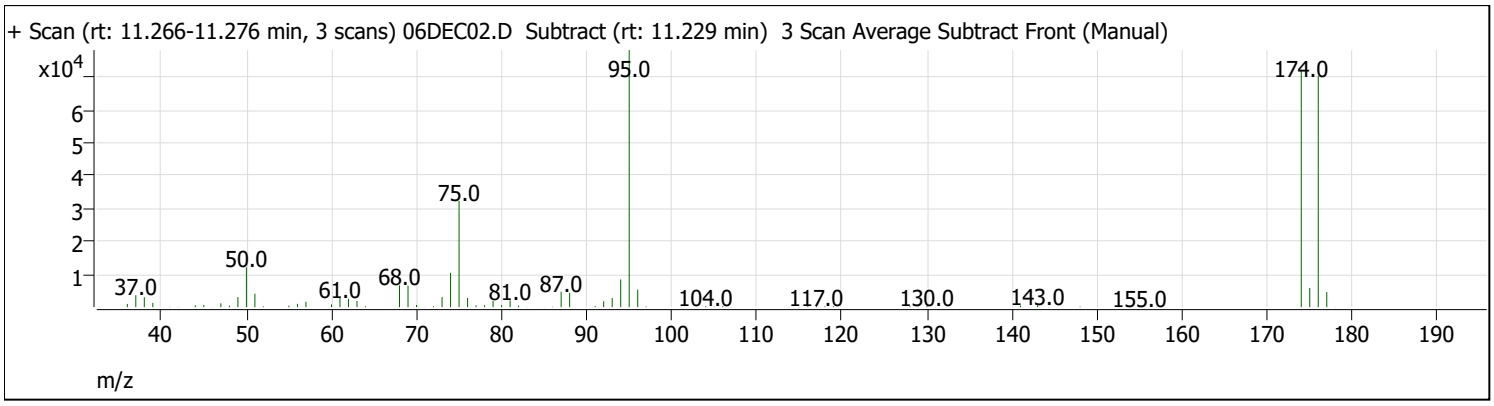
Directory: C:\HPCHEM\1\DATA\SB120621

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	06DEC01.D	1.	PRIMER		6 Dec 2021 11:16
2	2	06DEC02.D	1.	BFB120621		6 Dec 2021 11:41
3	3	06DEC03.D	1.	CCV120621		6 Dec 2021 12:06
4	4	06DEC04.D	1.	LCS120621		6 Dec 2021 12:31
5	5	06DEC05.D	1.	BLK120621		6 Dec 2021 12:56
6	6	06DEC06.D	1.	MBLK120621		6 Dec 2021 13:21
7	7	06DEC07.D	1.	B21120381-009A		6 Dec 2021 14:19
8	8	06DEC08.D	1.	B21120381-010A		6 Dec 2021 14:44
9	9	06DEC09.D	1.	B21120381-011A		6 Dec 2021 15:10
10	10	06DEC10.D	1.	B21120396-002A		6 Dec 2021 15:35
11	11	06DEC11.D	1.	B21120381-004C		6 Dec 2021 16:00
12	12	06DEC12.D	1.	B21120381-005C		6 Dec 2021 16:25
13	13	06DEC13.D	1.	B21120381-006C		6 Dec 2021 16:50
14	14	06DEC14.D	1.	B21120381-007C		6 Dec 2021 17:15
15	15	06DEC15.D	1.	B21120381-008C		6 Dec 2021 17:40
16	16	06DEC16.D	1.	B21120396-001C		6 Dec 2021 18:05
17	17	06DEC17.D	1.	B21120381-004CMS		6 Dec 2021 18:30
18	18	06DEC18.D	1.	B21120381-004CMSD		6 Dec 2021 18:56
19	19	06DEC19.D	1.	CCV120621_CLOSING		6 Dec 2021 19:21
20	20	06DEC20.D	1.	BLK		6 Dec 2021 19:46
21	21	06DEC21.D	1.	BLK		6 Dec 2021 20:11
22	22	06DEC22.D	1.	BLK		6 Dec 2021 20:36

Tune Evaluation Report

Data Path:	D:\Org\Data\SV5972.I\SB120621\06DEC02.D
Acq on:	12/6/2021 11:41:00 AM
Operator:	SBD
Sample:	BFB120621
Inst Name:	GC/MS Ins
ALS Vial:	2
Method:	\\masshunter\Org\Data\Methods\Quant\BFB3scans.m





Target Mass	Rel. To Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Pass/Fail
50	95	15	40	15.5	12140	Pass
75	95	30	60	41.4	32389	Pass
95	95	100	100	100.0	78328	Pass
96	95	5	9	6.8	5334	Pass
173	174	0	2	0.0	0	Pass
174	95	50	100	92.4	72365	Pass
175	174	5	9	8.1	5840	Pass
176	174	95	101	97.3	70435	Pass
177	176	5	9	6.5	4587	Pass

Continuing Calibration Report

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Batch Name D:\Org\Data\SV5972.I\SB120621\QuantResults\SB120621_8260B_624pt1.batch.bin
Method File \\MASSHUNTER\Org\Data\Methods\Quant\SV5972\SV5972_120321_CAL\SV5972_8260B_624pt1_BTEX_L4_120321.m
Daily CC D:\Org\Data\SV5972.I\SB12062106DEC03.D

Level name	Injection Time	Calibration Files
1	12/3/2021 1:11:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC06.D
2	12/3/2021 1:37:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC07.D
3	12/3/2021 2:02:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC08.D
4	12/3/2021 2:28:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC09.D
5	12/3/2021 3:19:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC11.D
6	12/3/2021 4:09:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC13.D
7	12/3/2021 5:00:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC15.D
8	12/3/2021 5:51:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC17.D
CC	12/6/2021 12:06:00 PM	D:\Org\Data\SV5972.I\SB120621\06DEC03.D <======

ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
Fluorobenzene	994213	980768	1009219	102.90 #	M
Chlorobenzene-d5	302331	307040	309140	100.68 #	M
1,4-Dichlorobenzene-d4	203297	200565	198192	98.82	M

Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Fluorobenzene	----------ISTD----------						
Dibromofluoromethane	0.2494	0.2503	250.00	250.90	-0.36	98.11	Avg RF
1,2-Dichloroethane-d4	0.0956	0.0906	250.00	236.82	5.27	98.71	Avg RF
Benzene	1.0416	1.0097	125.00	121.17	3.07	47.18	Avg RF
1,2-Dichloroethane	0.1860	0.1894	125.00	127.32	-1.85	48.41	Avg RF
Chlorobenzene-d5	----------ISTD----------						
Toluene-d8	3.0718	2.8663	250.00	233.28	6.69	96.06	Avg RF
Toluene	2.1138	1.9971	125.00	118.10	5.52	46.46	Avg RF
Ethylbenzene	3.4972	3.2262	125.00	115.31	7.75	46.18	Avg RF
m+p-Xylenes	1.3204	1.2390	250.00	234.59	6.17	46.58	Avg RF
o-Xylene	1.1673	1.0858	125.00	116.27	6.98	45.98	Avg RF
1,4-Dichlorobenzene-d4	----------ISTD----------						
p-Bromofluorobenzene	1.1593	1.1471	250.00	247.37	1.05	97.83	Avg RF

A -- against Average; M -- against Mid Point; P -- against Previous CC in the Method;

Continuing Calibration Report

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Batch Name D:\Org\Data\SV5972.I\SB120621\QuantResults\SB120621_8260B_624pt1.batch.bin
Method File \\MASSHUNTER\Org\Data\Methods\Quant\SV5972\SV5972_120321_CAL\SV5972_8260B_624pt1_BTEX_L4_120321.m
Daily CC D:\Org\Data\SV5972.I\SB12062106DEC19.D

Level name	Injection Time	Calibration Files
1	12/3/2021 1:11:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC06.D
2	12/3/2021 1:37:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC07.D
3	12/3/2021 2:02:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC08.D
4	12/3/2021 2:28:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC09.D
5	12/3/2021 3:19:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC11.D
6	12/3/2021 4:09:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC13.D
7	12/3/2021 5:00:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC15.D
8	12/3/2021 5:51:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC17.D
CC	12/6/2021 7:21:00 PM	D:\Org\Data\SV5972.I\SB120621\06DEC19.D <======

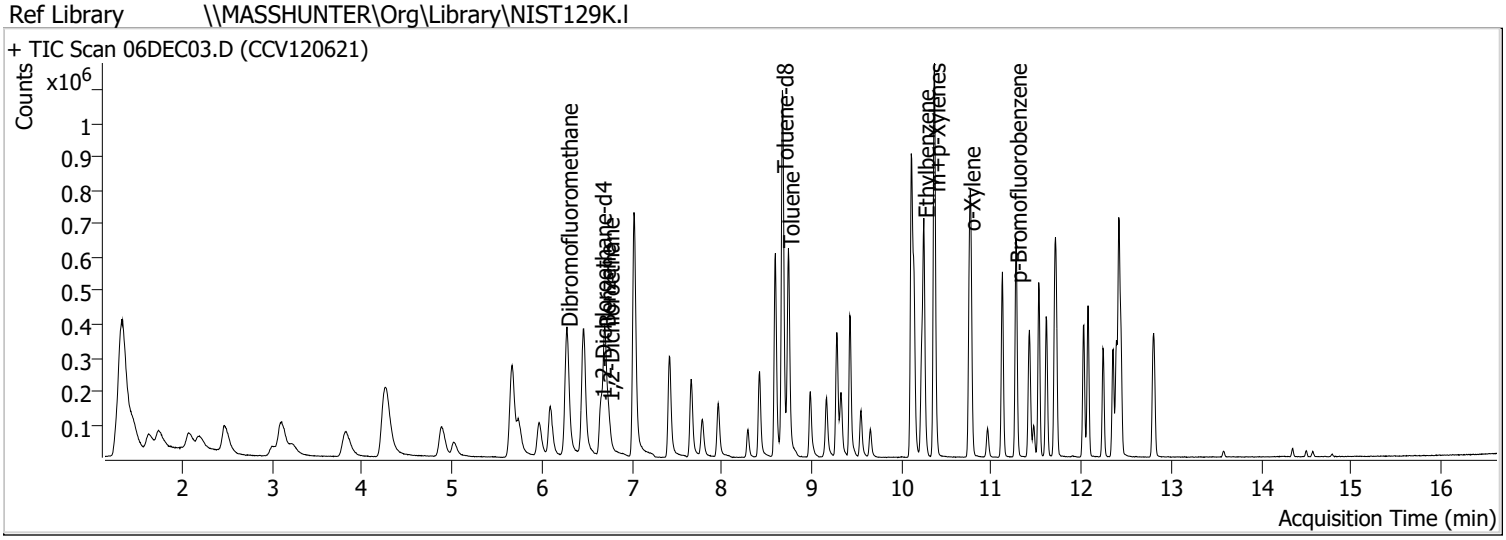
ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
Fluorobenzene	994213	980768	985307	100.46 #	M
Chlorobenzene-d5	302331	307040	298899	97.35	M
1,4-Dichlorobenzene-d4	203297	200565	194390	96.92	M

Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Fluorobenzene	----------ISTD----------						
Dibromofluoromethane	0.2494	0.2490	250.00	249.62	0.15	95.30	Avg RF
1,2-Dichloroethane-d4	0.0956	0.0887	250.00	232.06	7.17	94.44	Avg RF
Benzene	1.0416	1.0013	125.00	120.16	3.87	45.68	Avg RF
1,2-Dichloroethane	0.1860	0.1891	125.00	127.11	-1.69	47.19	Avg RF
Chlorobenzene-d5	----------ISTD----------						
Toluene-d8	3.0718	2.9279	250.00	238.29	4.68	94.87	Avg RF
Toluene	2.1138	2.0257	125.00	119.79	4.17	45.56	Avg RF
Ethylbenzene	3.4972	3.2786	125.00	117.19	6.25	45.38	Avg RF
m+p-Xylenes	1.3204	1.2473	250.00	236.17	5.53	45.34	Avg RF
o-Xylene	1.1673	1.0862	125.00	116.31	6.95	44.47	Avg RF
1,4-Dichlorobenzene-d4	----------ISTD----------						
p-Bromofluorobenzene	1.1593	1.1304	250.00	243.77	2.49	94.56	Avg RF

A -- against Average; M -- against Mid Point; P -- against Previous CC in the Method;

Quantitation Results Report (QT Reviewed)

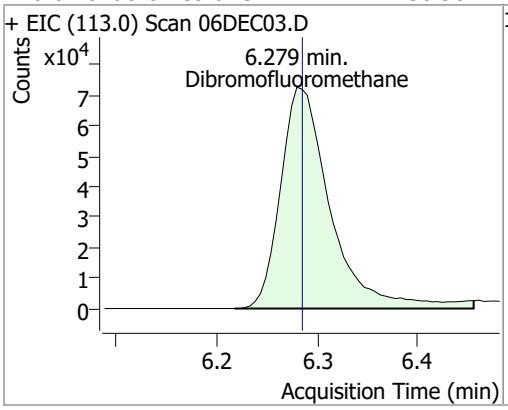
Data File	06DEC03.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/6/2021 12:06:00 PM
Sample Name	CCV120621	Instrument	GC/MS Ins
Vial	3	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120621_8260B_624pt1.batch.bin	Last Calib Update	12/8/2021 2:46:49 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

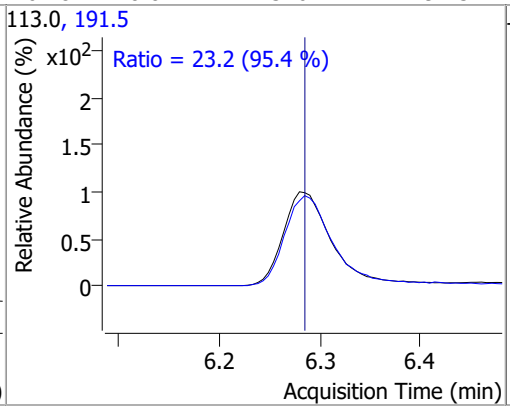


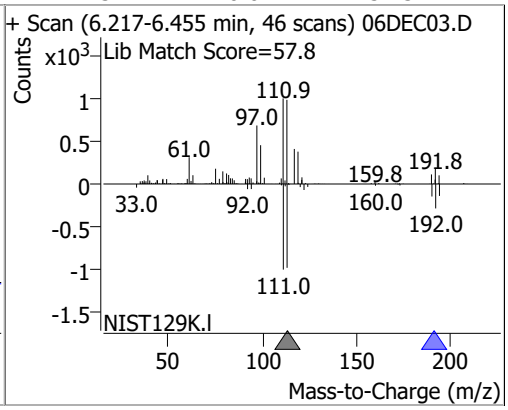
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.024	96.0	1009219	250.0000	ng	0.010
M Chlorobenzene-d5	10.107	82.0	309140	250.0000	ng	0.010
M 1,4-Dichlorobenzene-d4	12.414	152.0	198192	250.0000	ng	0.010
System Monitoring Compounds						
S Dibromofluoromethane	6.279	113.0	252621	250.9027	ng	0.005
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 100.36%		
S 1,2-Dichloroethane-d4	6.657	67.0	91394	236.8161	ng	0.010
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 94.73%		
S Toluene-d8	8.674	98.0	886103	233.2798	ng	0.010
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 93.31%		
S p-Bromofluorobenzene	11.271	95.0	227344	247.3691	ng	0.010
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 98.95%		
Target Compounds						**QValue**
T Benzene	6.698	78.0	509500	121.1650	ng	100
T 1,2-Dichloroethane	6.740	62.0	95583	127.3173	ng	98
T Toluene	8.742	92.0	308698	118.0996	ng	99
T Ethylbenzene	10.247	91.0	498675	115.3146	ng	100
T m+p-Xylenes	10.366	106.0	383011	234.5861	ng	99
T o-Xylene	10.754	106.0	167829	116.2688	ng	99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

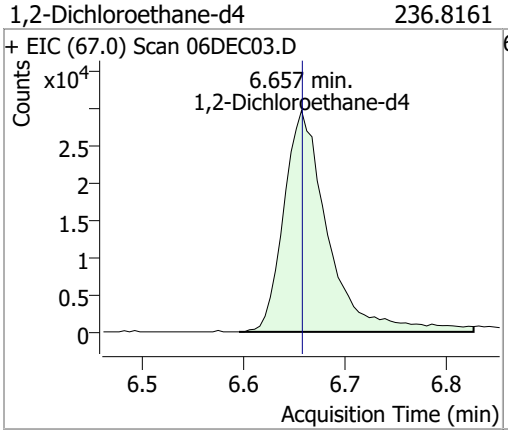
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	250.9027	6.28	0.01	252621	191.5	23.2	0.0	54.3

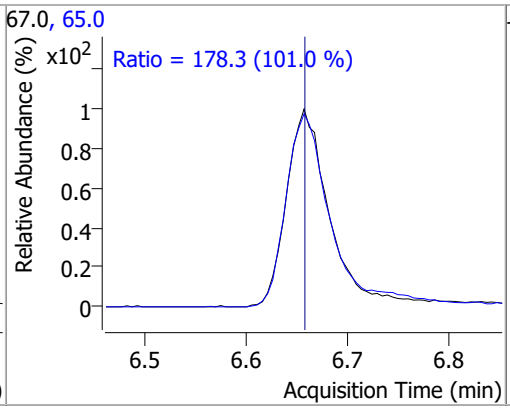


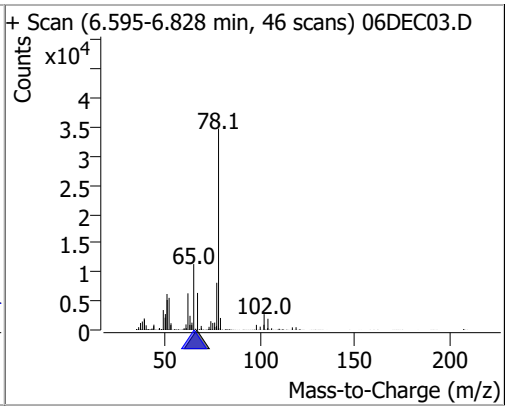




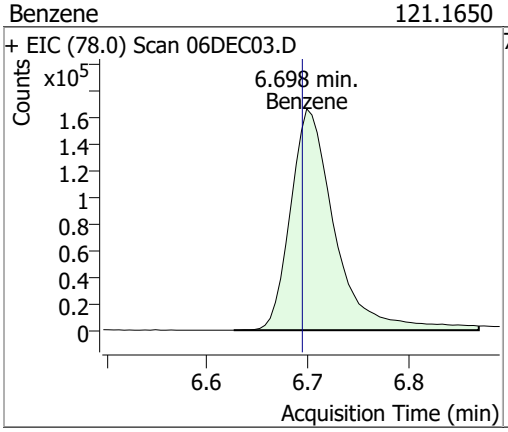
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	236.8161	6.66	0.01	91394	65.0	178.3	146.6	206.6

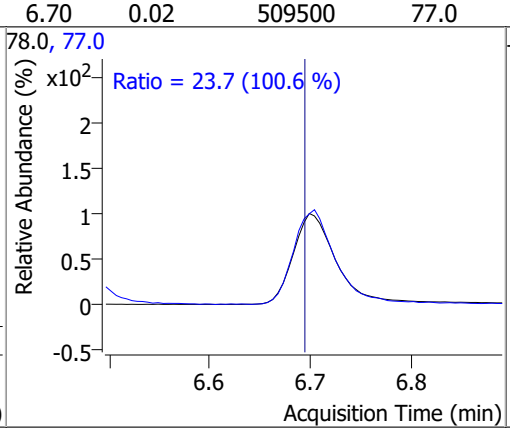


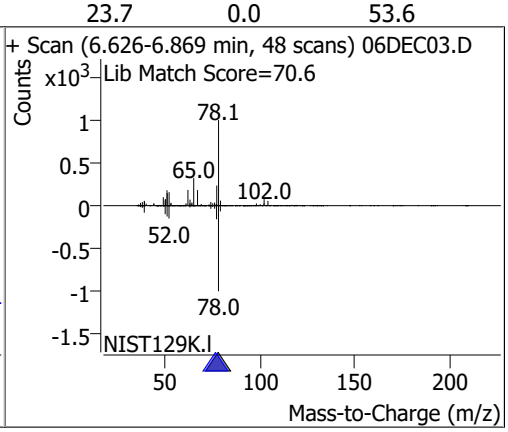




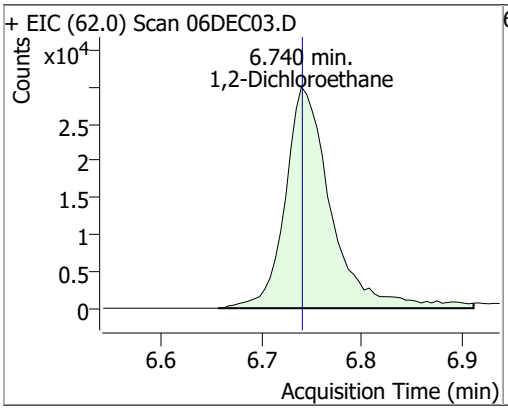
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	121.1650	6.70	0.02	509500	77.0	23.7	0.0	53.6

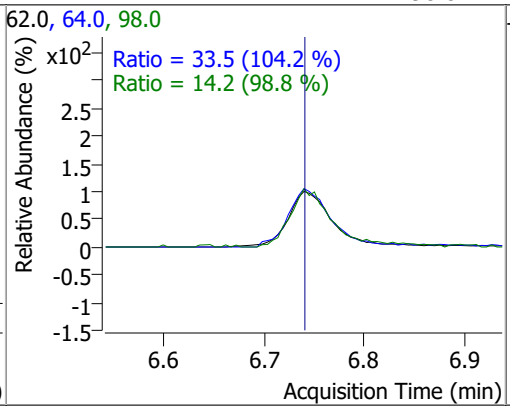


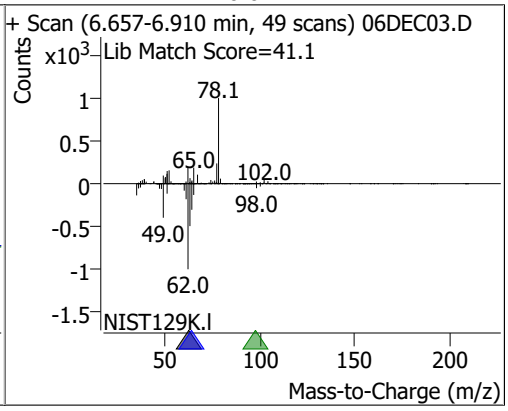




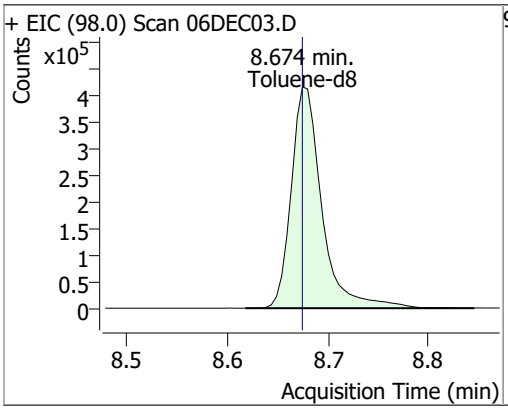
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	127.3173	6.74	0.01	95583	64.0	33.5	2.2	62.2
					98.0	14.2	0.0	44.4

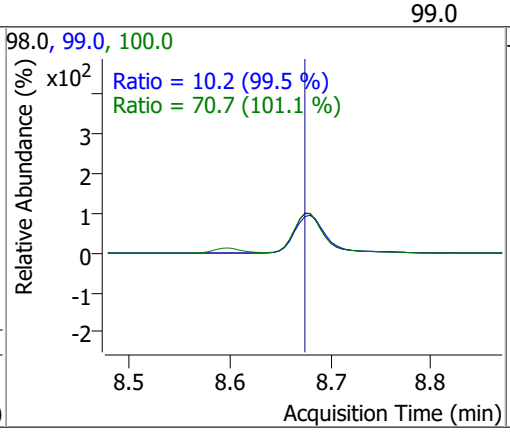


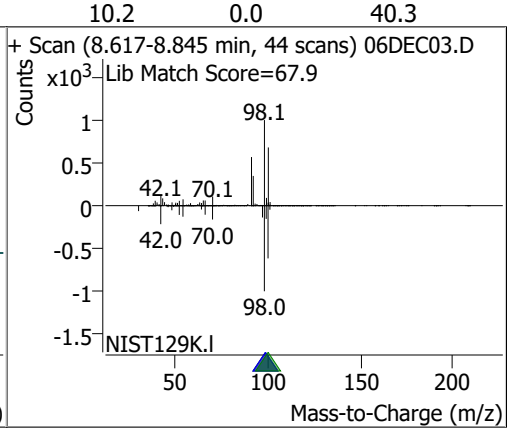




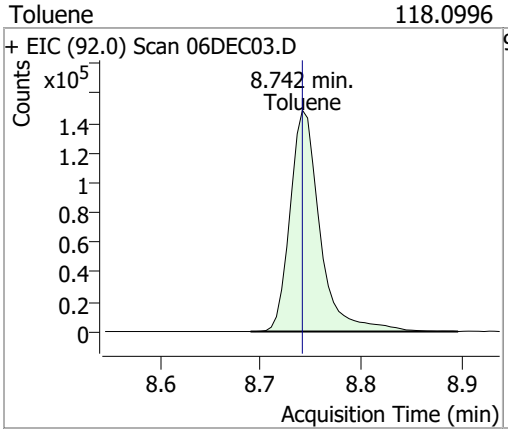
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	233.2798	8.67	0.01	886103	100.0	70.7	39.9	99.9
					99.0	10.2	0.0	40.3

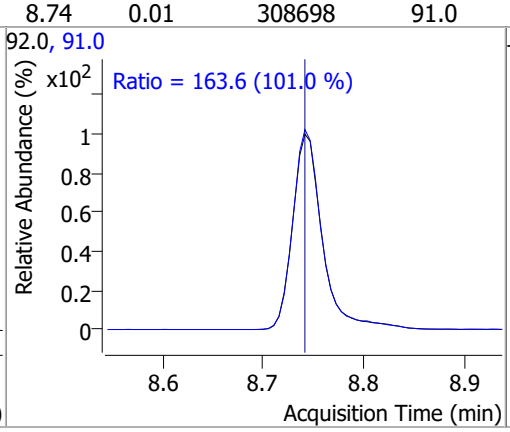


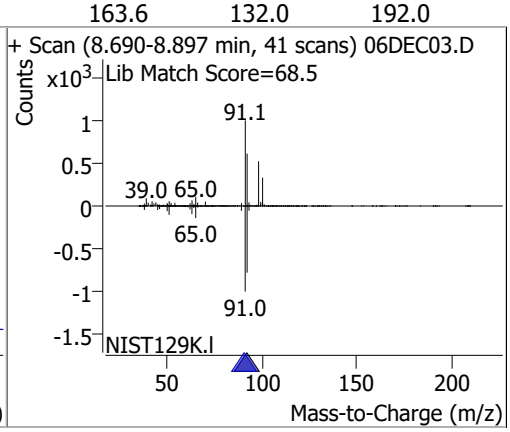




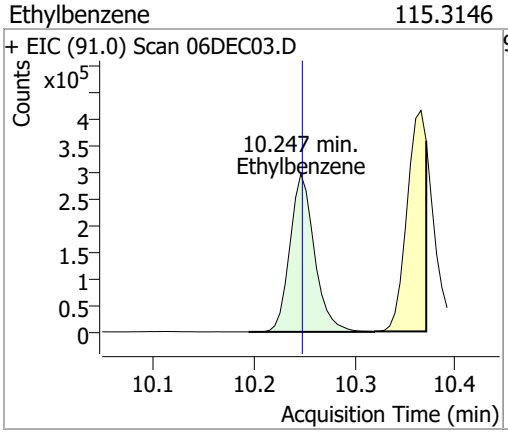
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	118.0996	8.74	0.01	308698	91.0	163.6	132.0	192.0

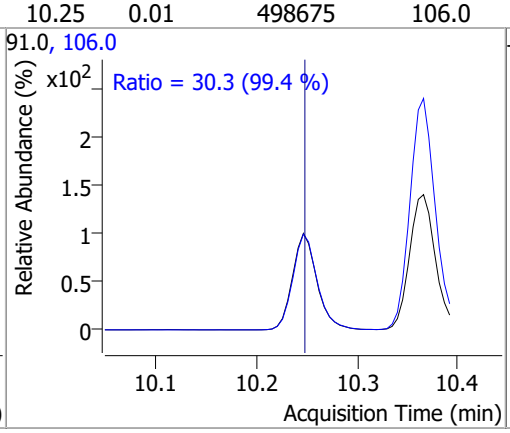


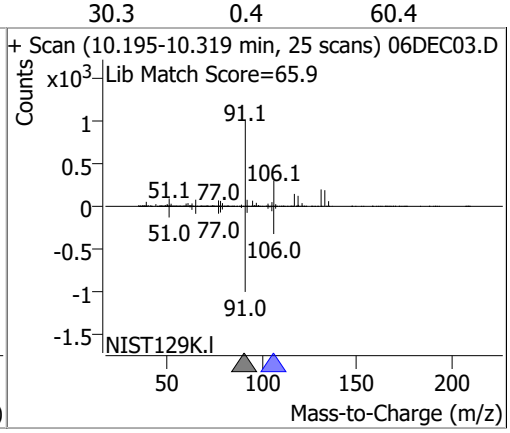




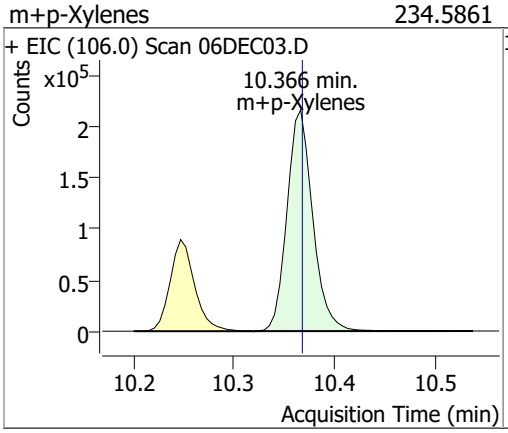
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	115.3146	10.25	0.01	498675	106.0	30.3	0.4	60.4

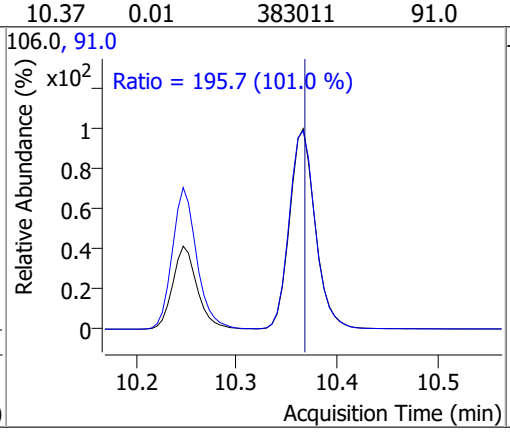


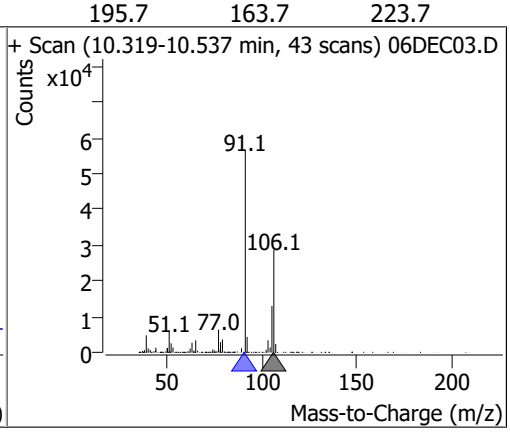




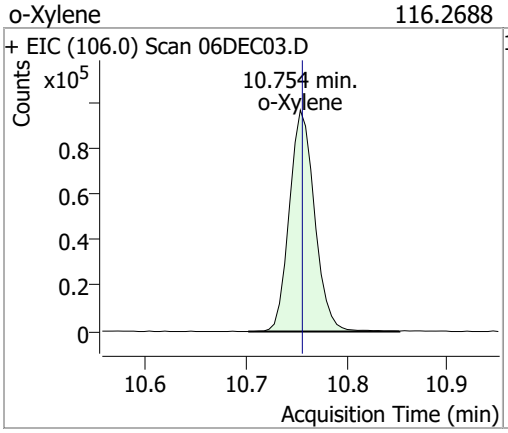
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	234.5861	10.37	0.01	383011	91.0	195.7	163.7	223.7

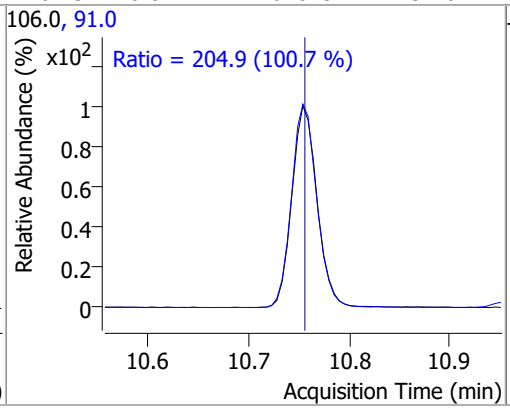


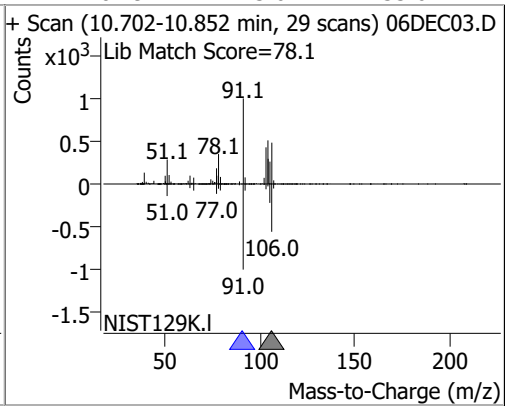




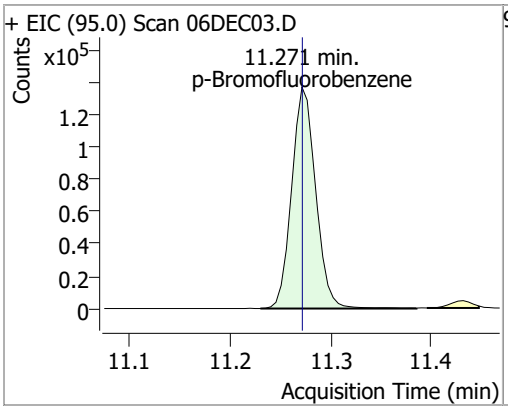
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	116.2688	10.75	0.01	167829	91.0	204.9	173.6	233.6

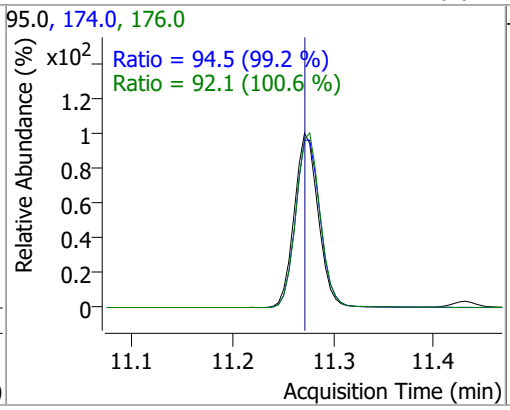


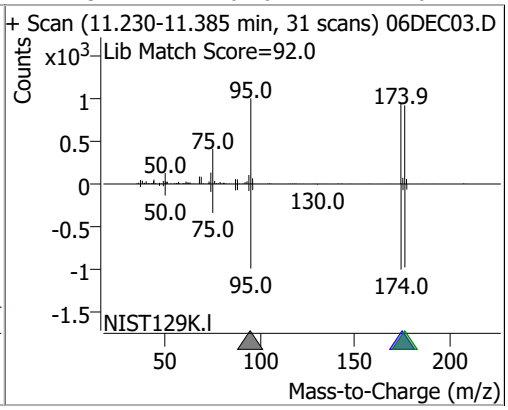




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	247.3691	11.27	0.01	227344	174.0	94.5	65.3	125.3
					176.0	92.1	61.6	121.6

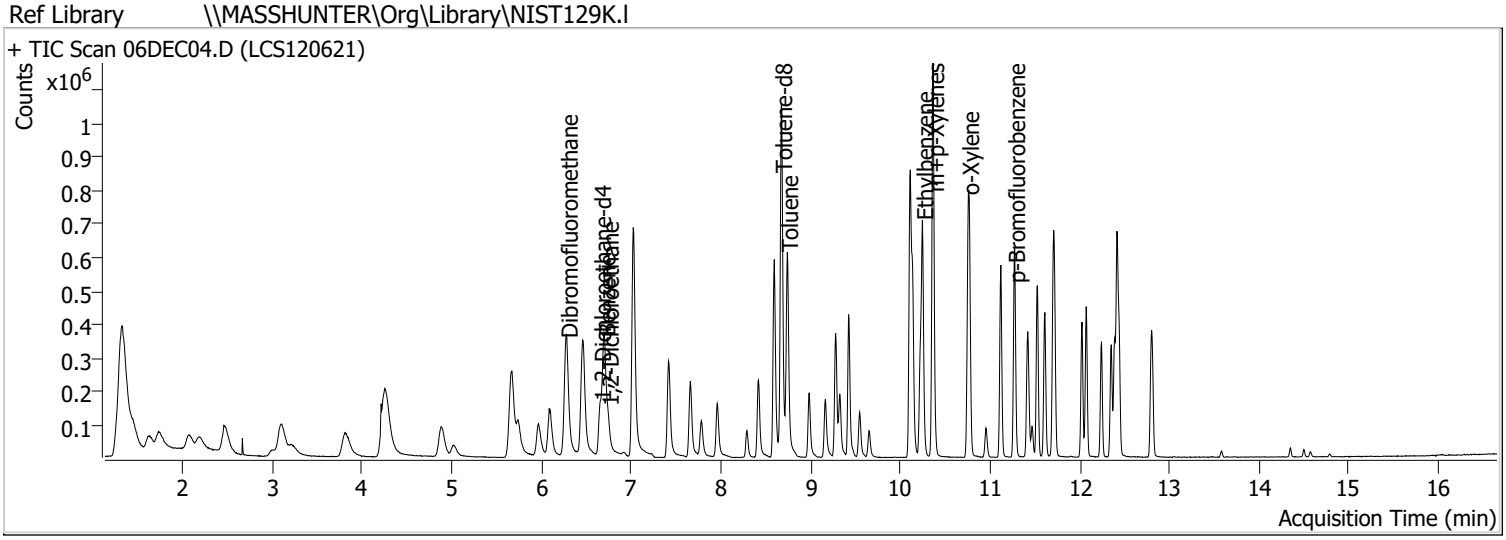






Quantitation Results Report (QT Reviewed)

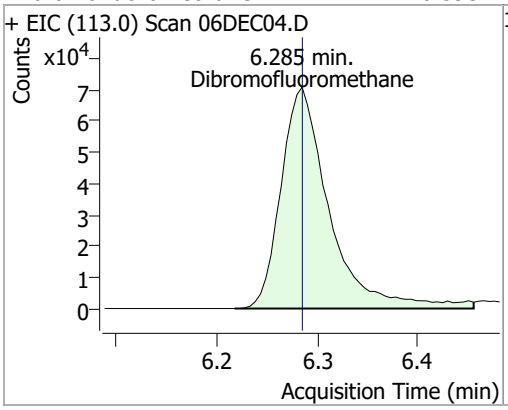
Data File	06DEC04.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/6/2021 12:31:00 PM
Sample Name	LCS120621	Instrument	GC/MS Ins
Vial	4	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120621_8260B_624pt1.batch.bin	Last Calib Update	12/8/2021 2:46:49 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

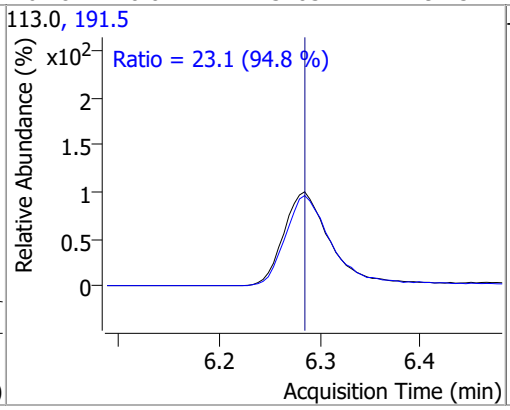


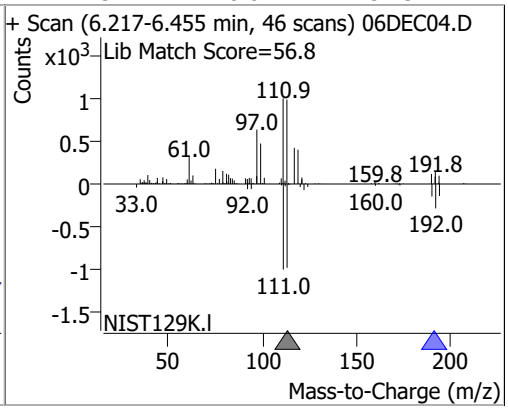
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.024	96.0	955749	250.0000	ng	0.010
M Chlorobenzene-d5	10.107	82.0	294871	250.0000	ng	0.010
M 1,4-Dichlorobenzene-d4	12.414	152.0	190292	250.0000	ng	0.010
System Monitoring Compounds						
S Dibromofluoromethane	6.285	113.0	237037	248.5957	ng	0.010
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 99.44%		
S 1,2-Dichloroethane-d4	6.657	67.0	86239	235.9603	ng	0.010
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 94.38%		
S Toluene-d8	8.674	98.0	849578	234.4873	ng	0.010
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 93.79%		
S p-Bromofluorobenzene	11.271	95.0	218012	247.0632	ng	0.010
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 98.83%		
Target Compounds						QValue
T Benzene	6.704	78.0	485812	121.9952	ng	99
T 1,2-Dichloroethane	6.740	62.0	91793	129.1094	ng	98
T Toluene	8.742	92.0	305198	122.4107	ng	99
T Ethylbenzene	10.247	91.0	499441	121.0804	ng	100
T m+p-Xylenes	10.366	106.0	375728	241.2614	ng	100
T o-Xylene	10.759	106.0	170456	123.8031	ng	99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

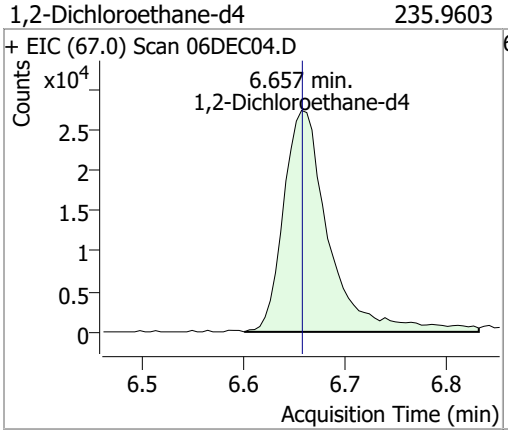
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	248.5957	6.28	0.01	237037	191.5	23.1	0.0	54.3

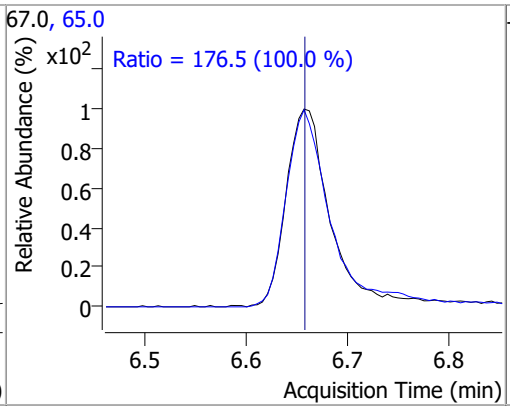


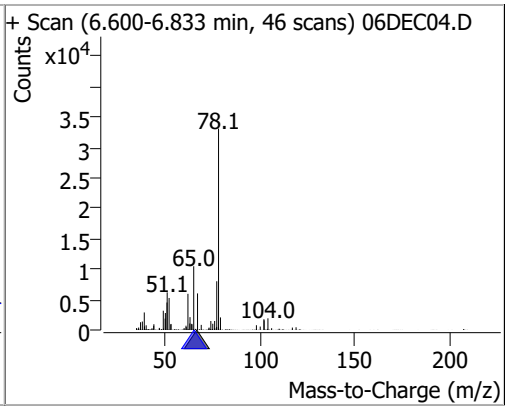




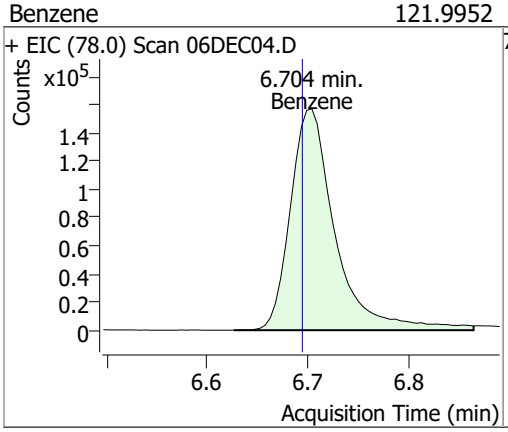
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	235.9603	6.66	0.01	86239	65.0	176.5	146.6	206.6

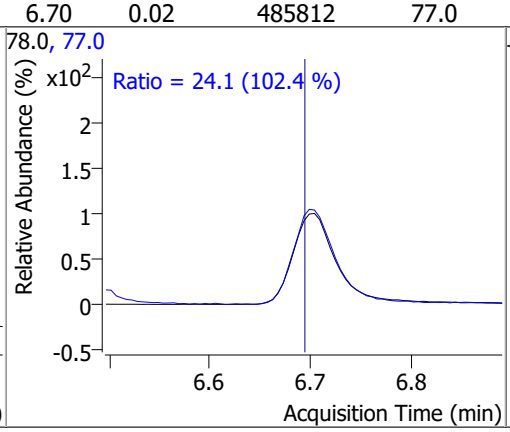


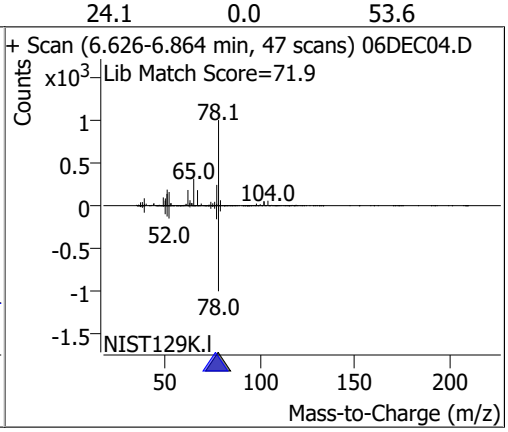




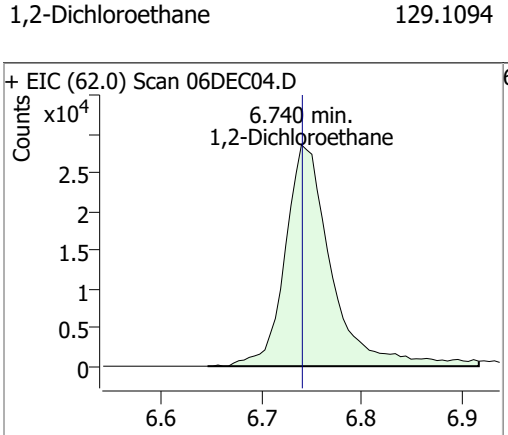
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	121.9952	6.70	0.02	485812	77.0	24.1	0.0	53.6

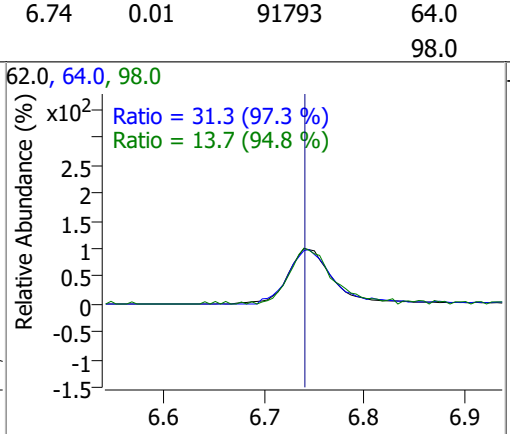


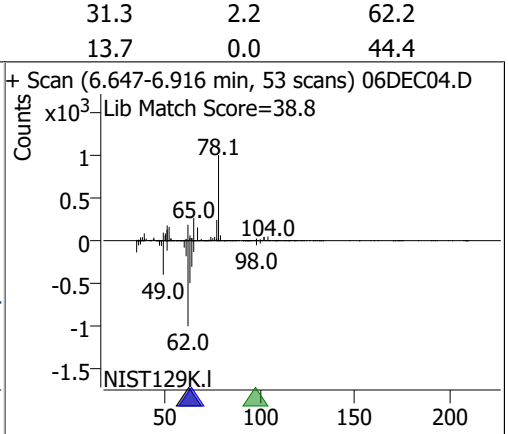




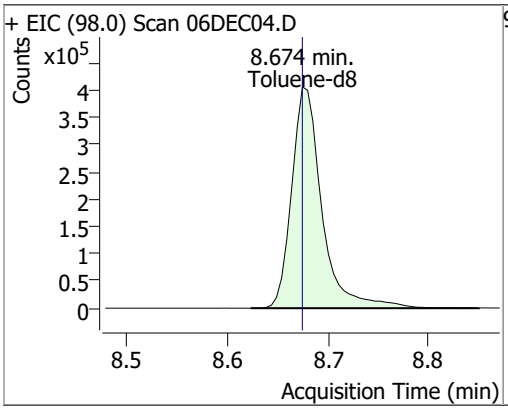
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	129.1094	6.74	0.01	91793	64.0	31.3	2.2	62.2
					98.0	13.7	0.0	44.4

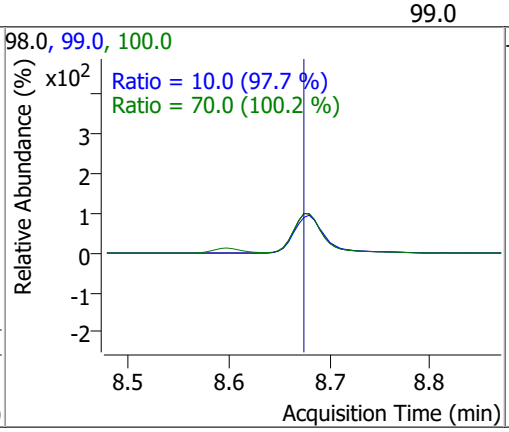


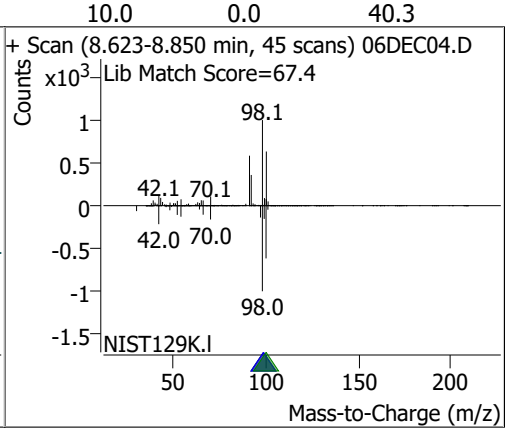




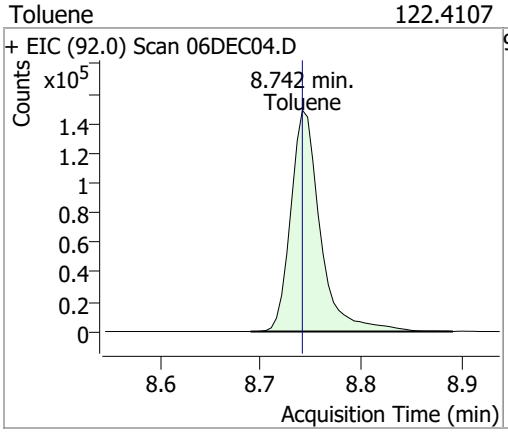
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	234.4873	8.67	0.01	849578	100.0	70.0	39.9	99.9
					99.0	10.0	0.0	40.3

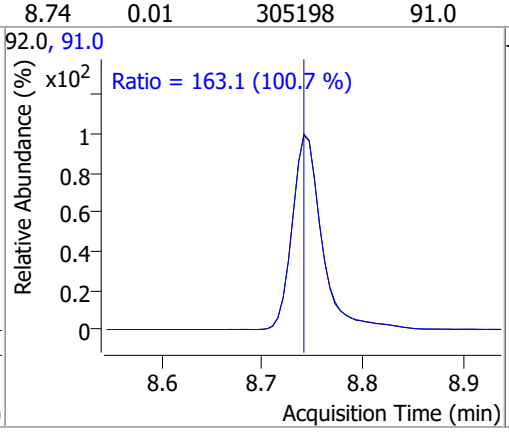


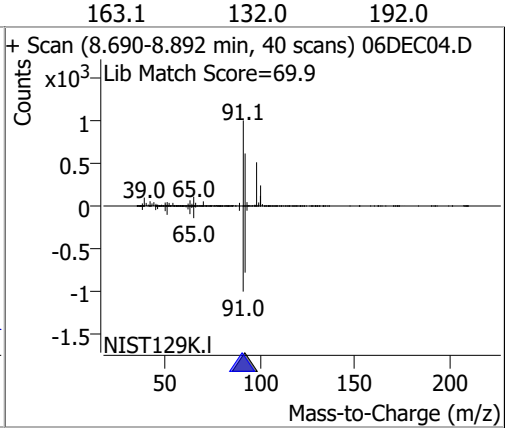




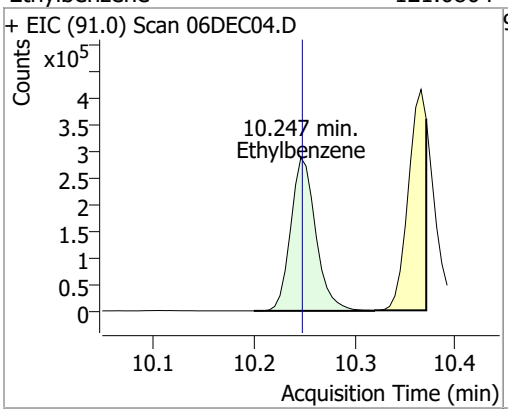
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	122.4107	8.74	0.01	305198	91.0	163.1	132.0	192.0

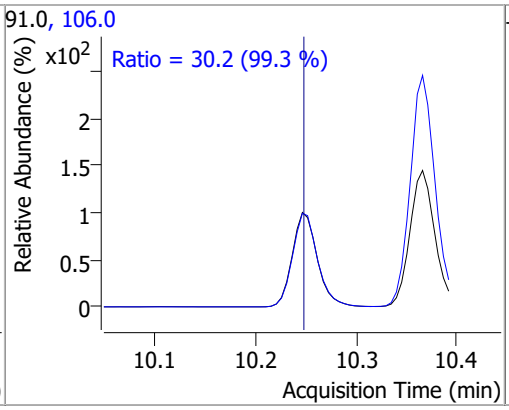


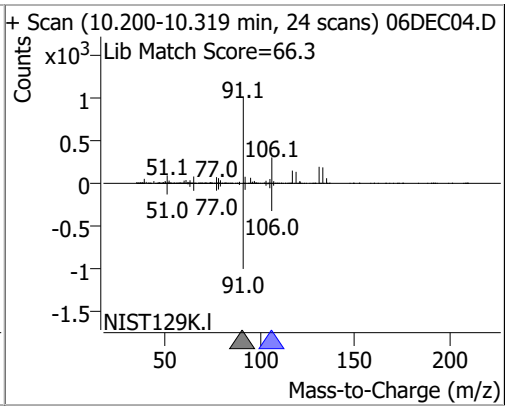




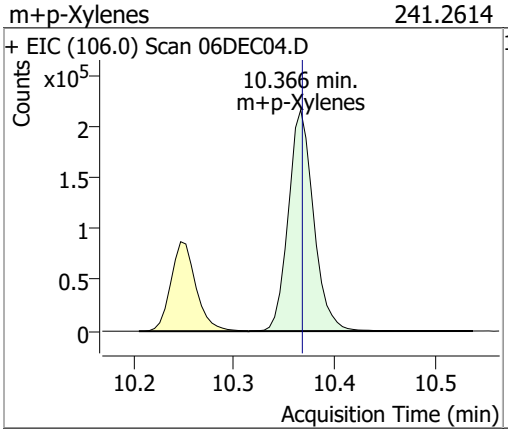
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	121.0804	10.25	0.01	499441	106.0	30.2	0.4	60.4

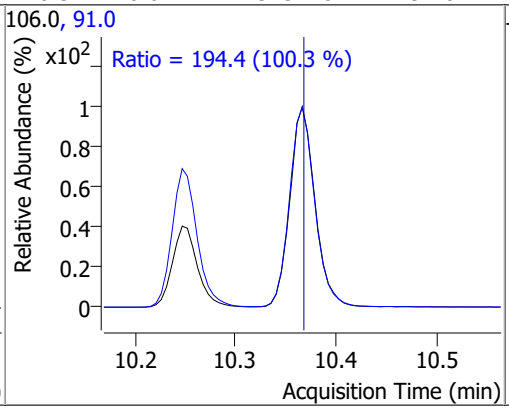


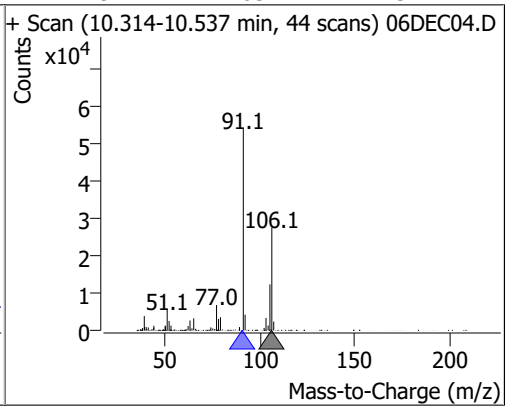




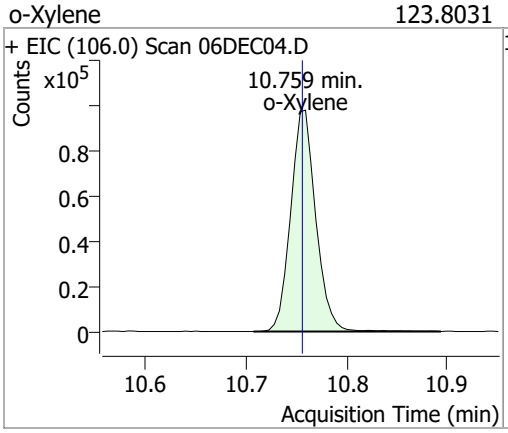
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	241.2614	10.37	0.01	375728	91.0	194.4	163.7	223.7

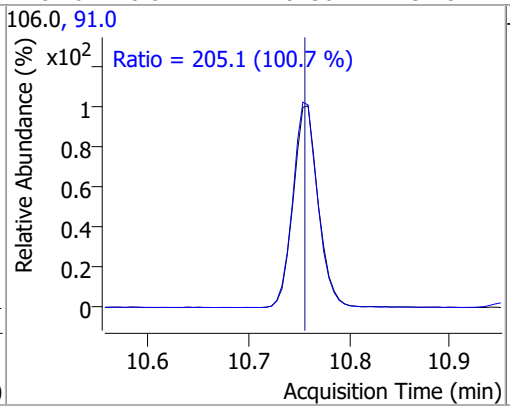


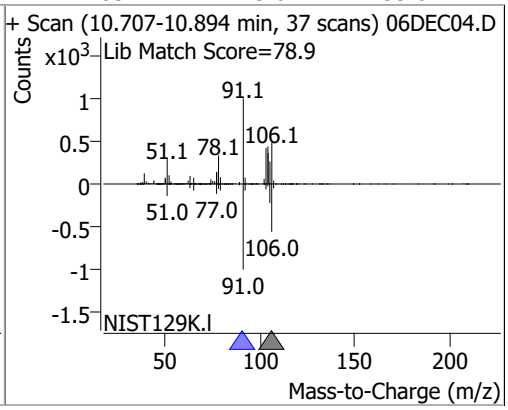




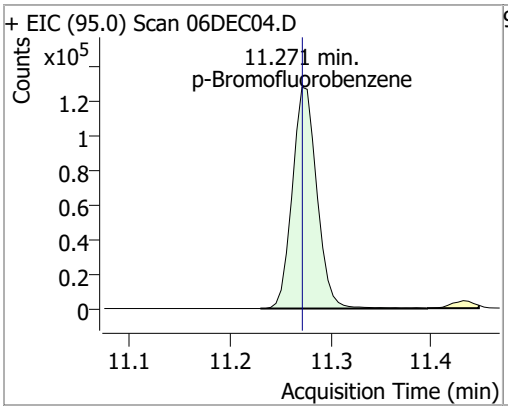
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	123.8031	10.76	0.02	170456	91.0	205.1	173.6	233.6

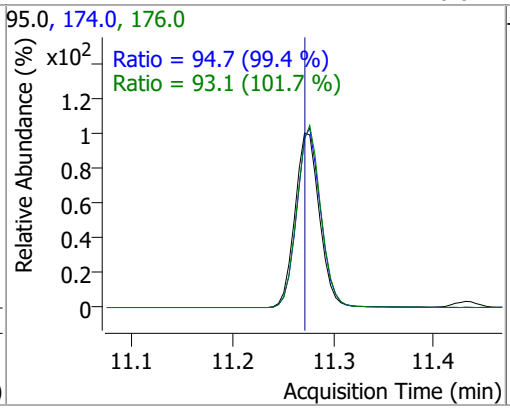


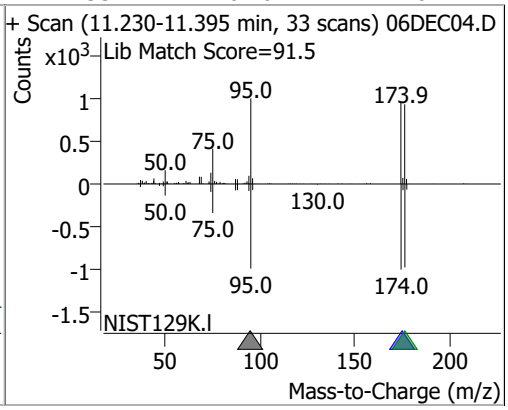




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	247.0632	11.27	0.01	218012	174.0	94.7	65.3	125.3
					176.0	93.1	61.6	121.6

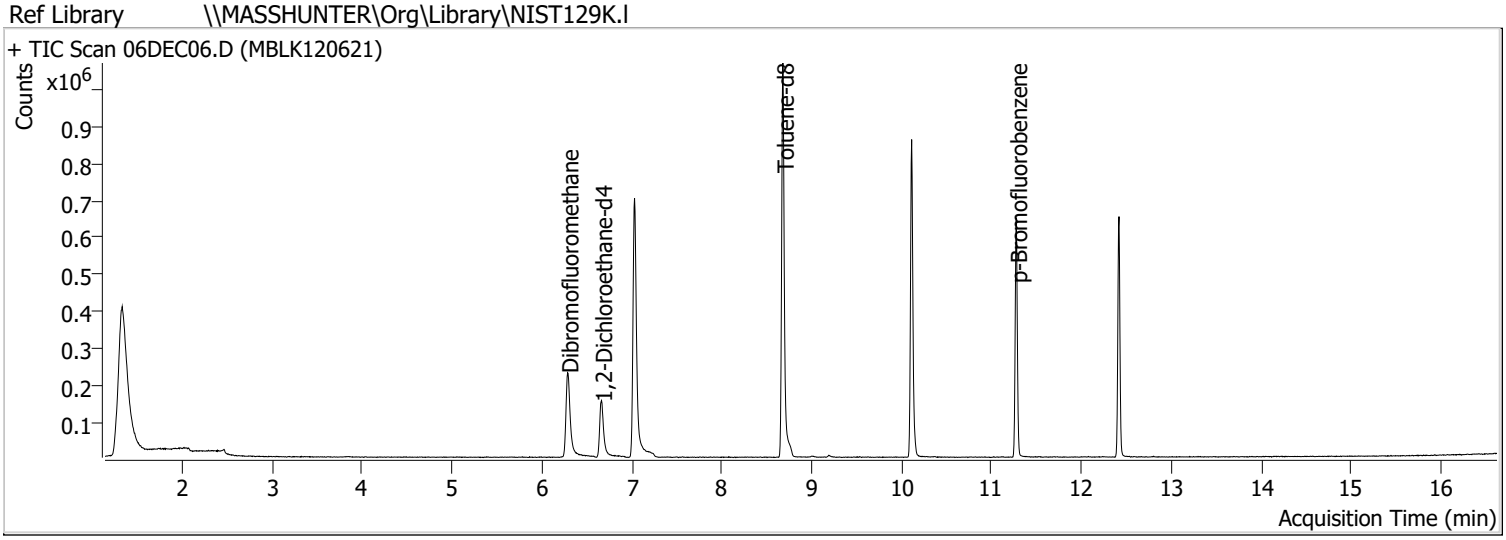






Quantitation Results Report (QT Reviewed)

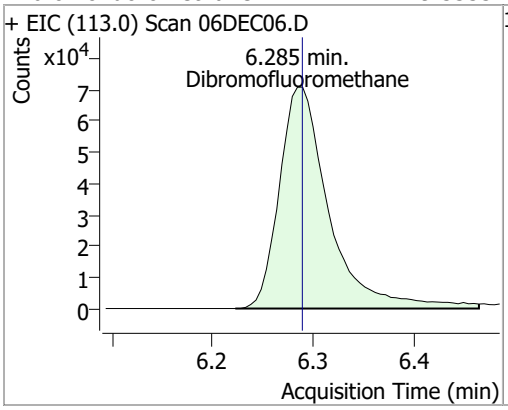
Data File	06DEC06.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/6/2021 1:21:00 PM
Sample Name	MBLK120621	Instrument	GC/MS Ins
Vial	6	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120621_8260B_624pt1.batch.bin	Last Calib Update	12/8/2021 2:46:49 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

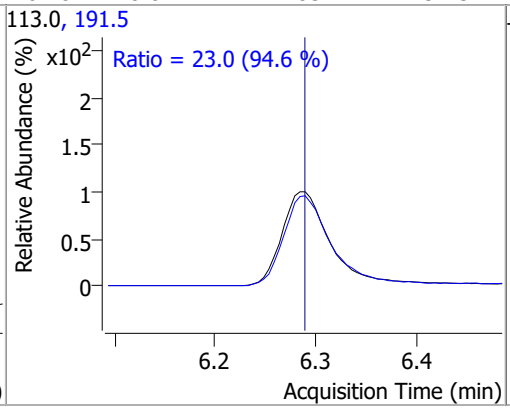


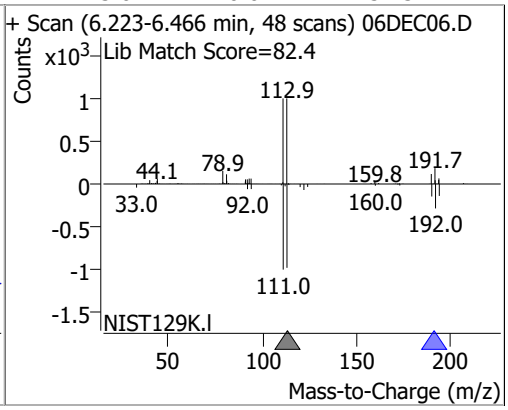
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.030	96.0	983461	250.0000	ng	0.016
M Chlorobenzene-d5	10.113	82.0	300531	250.0000	ng	0.016
M 1,4-Dichlorobenzene-d4	12.420	152.0	192537	250.0000	ng	0.016
System Monitoring Compounds						
S Dibromofluoromethane	6.285	113.0	244832	249.5355	ng	0.011
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 99.81%		
S 1,2-Dichloroethane-d4	6.657	67.0	88736	235.9509	ng	0.011
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 94.38%		
S Toluene-d8	8.680	98.0	865783	234.4596	ng	0.016
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 93.78%		
S p-Bromofluorobenzene	11.277	95.0	224045	250.9396	ng	0.016
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 100.38%		
Target Compounds						QValue
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Toluene	0.000		0	N.D.		
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	0.000		0	N.D.		
T o-Xylene	0.000		0	N.D.		

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

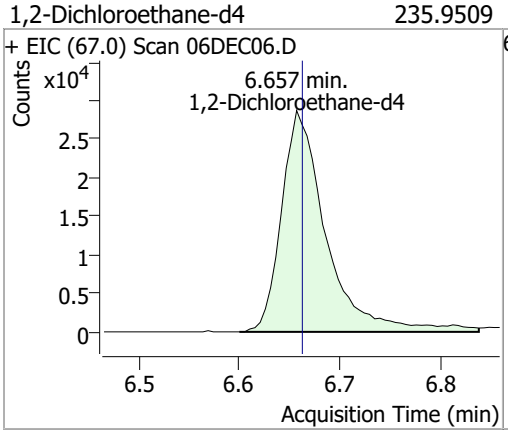
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	249.5355	6.28	0.01	244832	191.5	23.0	0.0	54.3

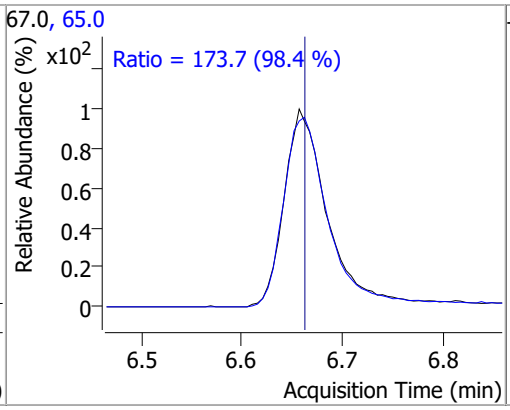


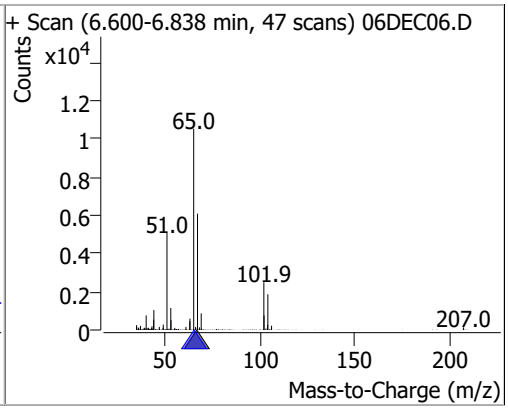




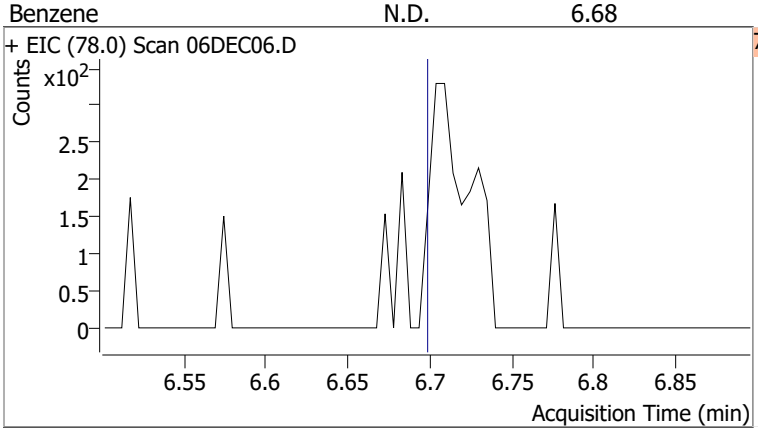
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	235.9509	6.66	0.01	88736	65.0	173.7	146.6	206.6

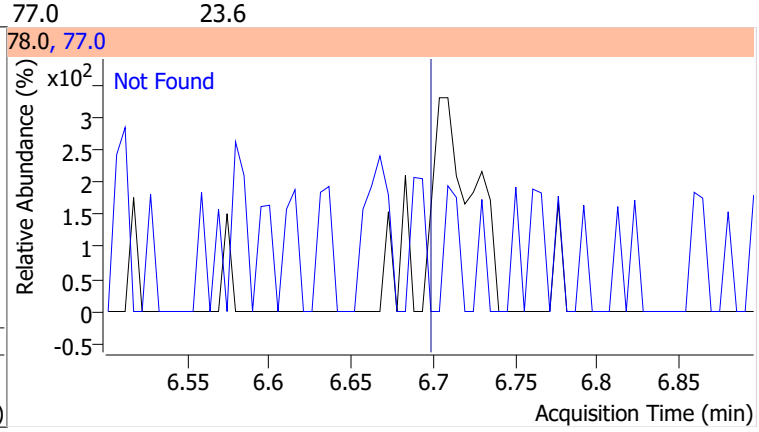




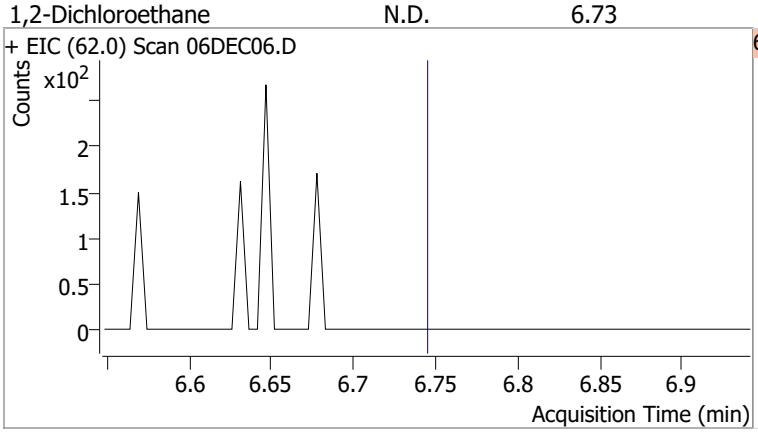


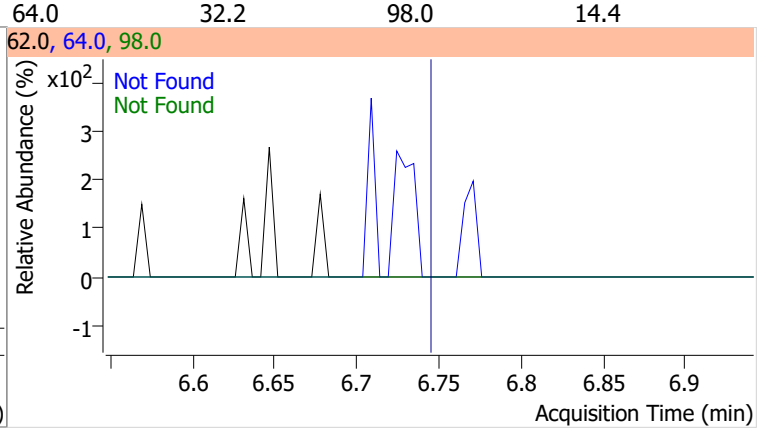
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.68	77.0	23.6



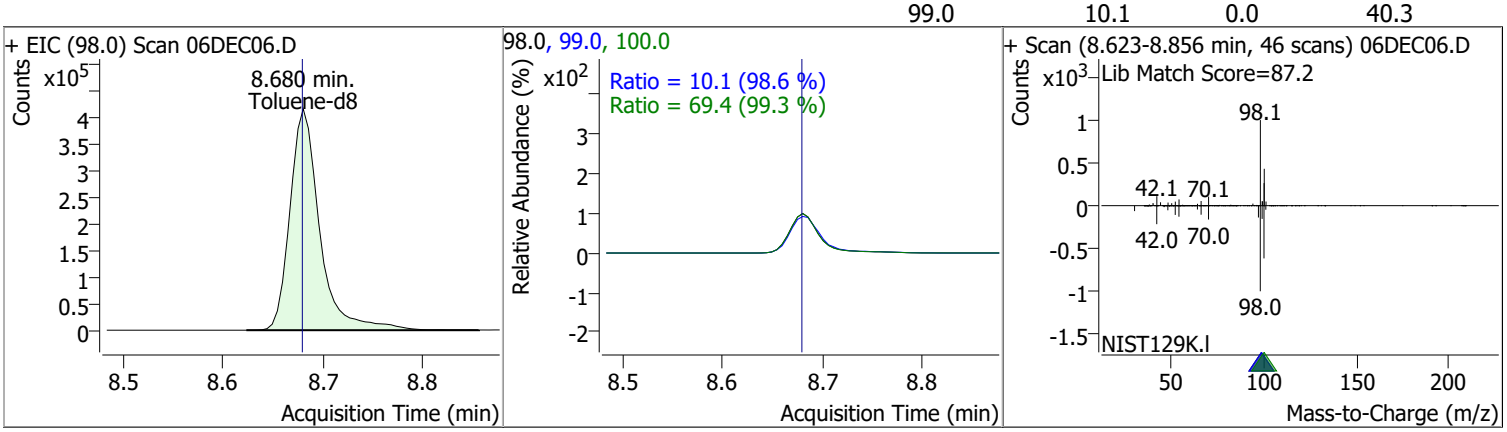


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

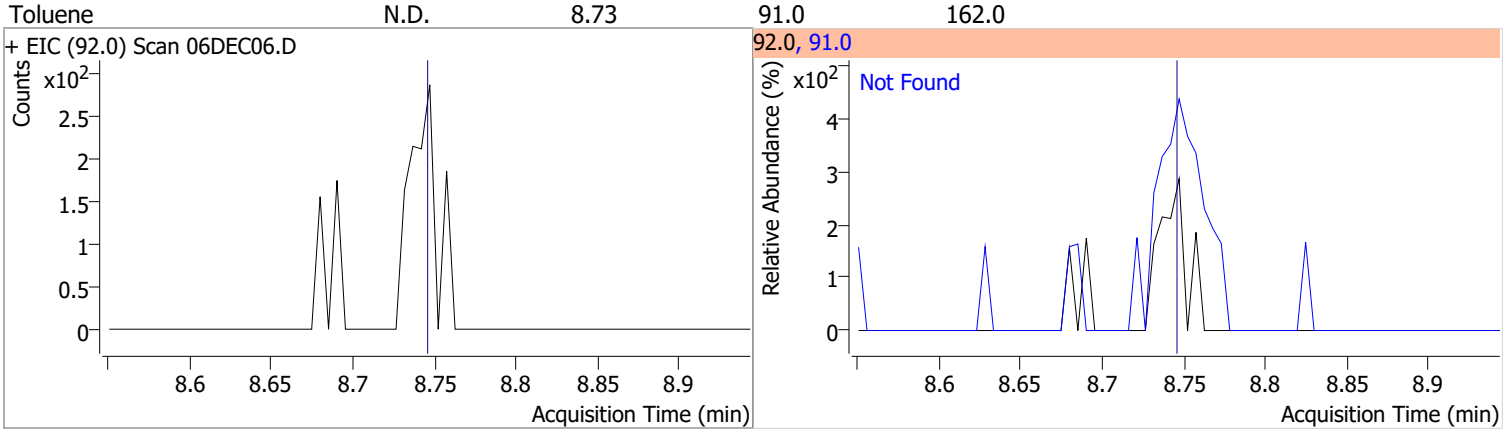




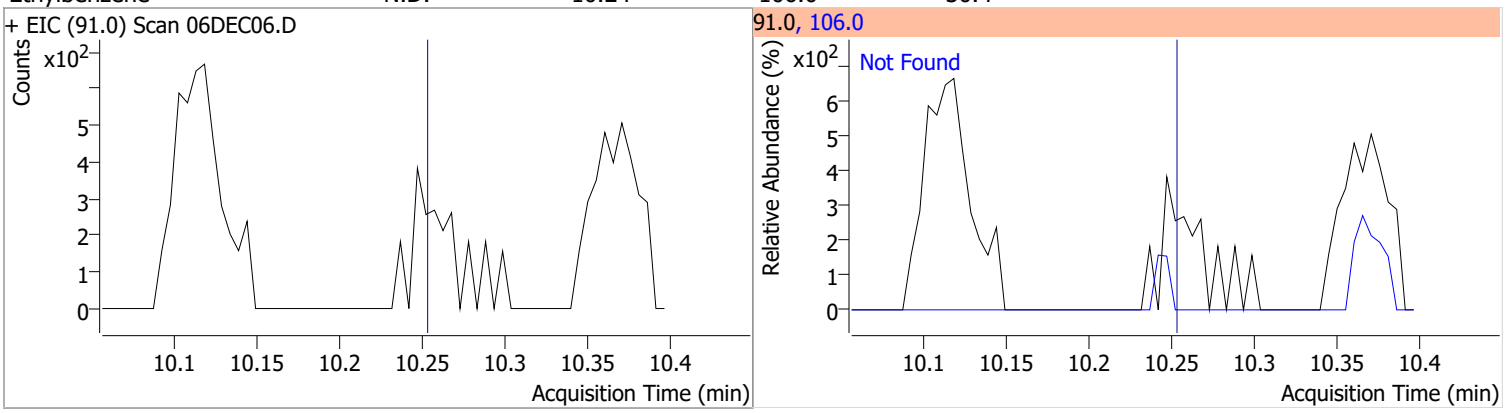
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	234.4596	8.68	0.02	865783	100.0	69.4	39.9	99.9
					99.0	10.1	0.0	40.3



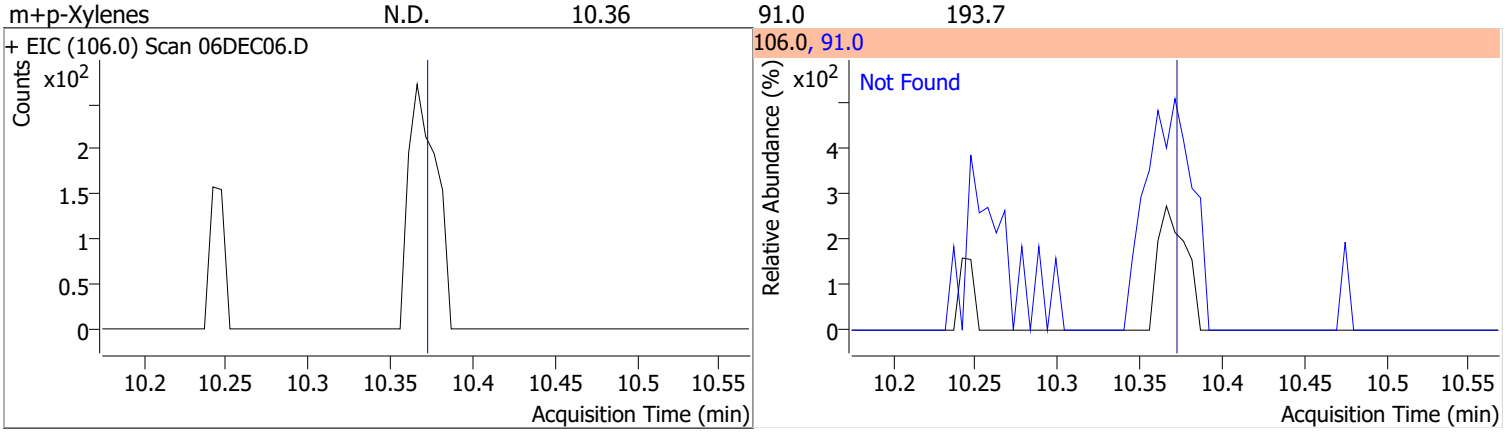
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.73	91.0	162.0



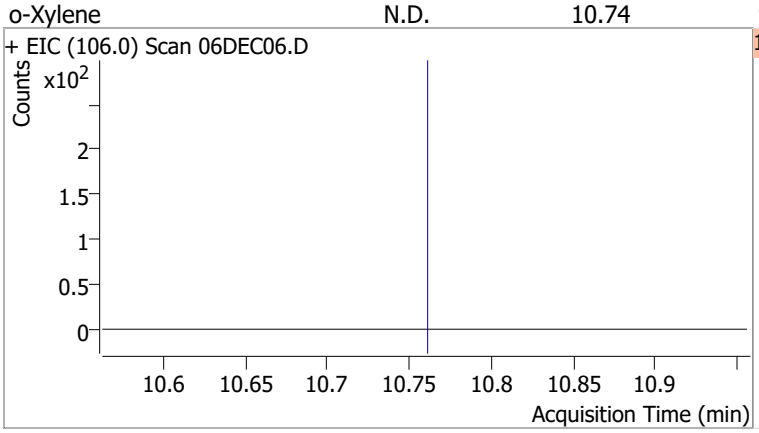
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	10.24	106.0	30.4

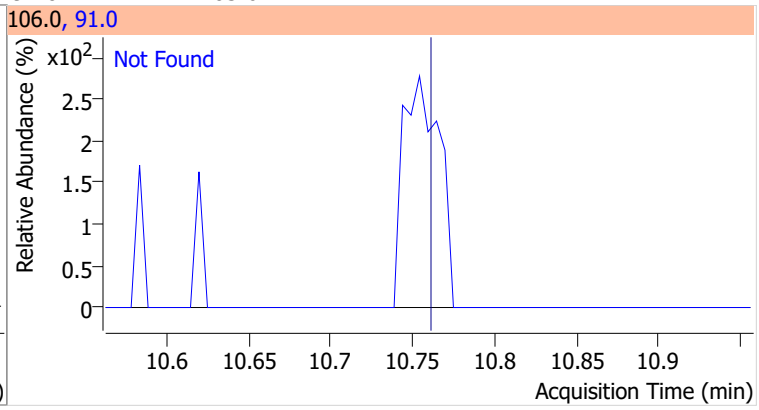


Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.36	91.0	193.7

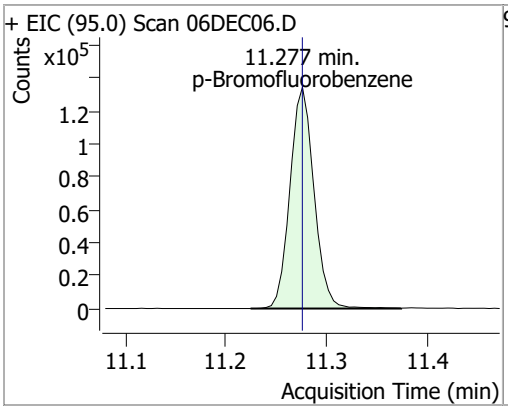


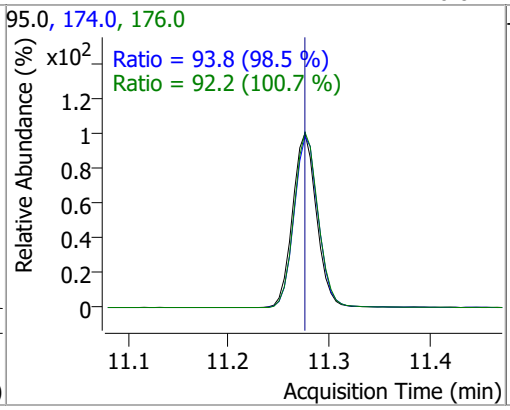
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.74	91.0	203.6

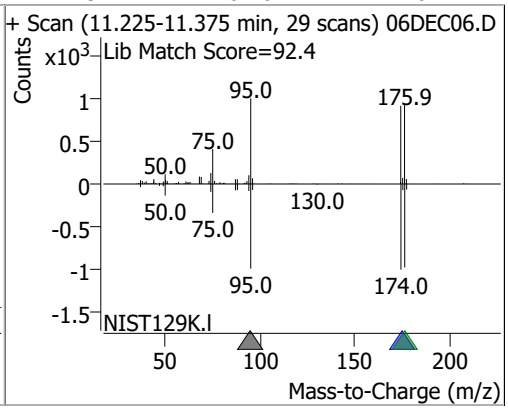




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	250.9396	11.28	0.02	224045	174.0	93.8	65.3	125.3
					176.0	92.2	61.6	121.6

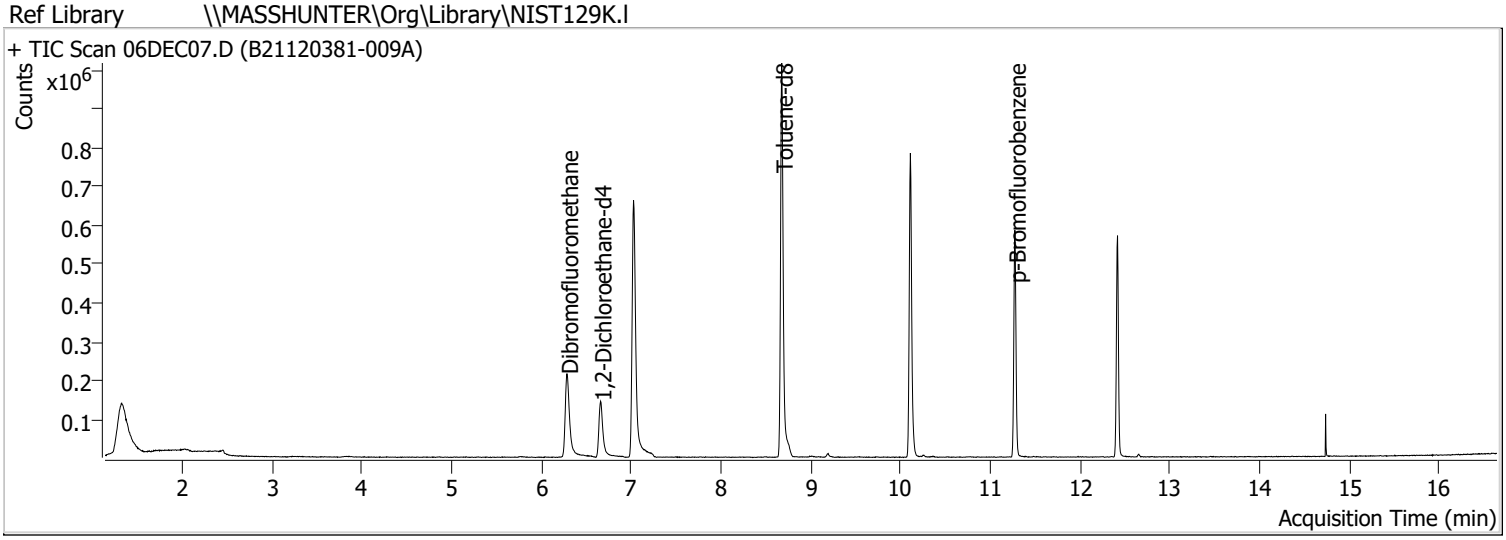






Quantitation Results Report (QT Reviewed)

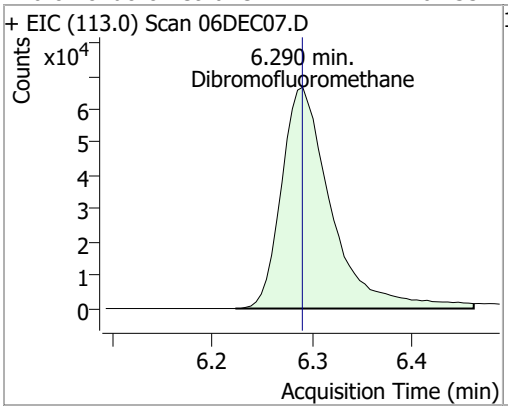
Data File	06DEC07.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/6/2021 2:19:00 PM
Sample Name	B21120381-009A	Instrument	GC/MS Ins
Vial	7	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120621_8260B_624pt1.batch.bin	Last Calib Update	12/8/2021 2:46:49 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

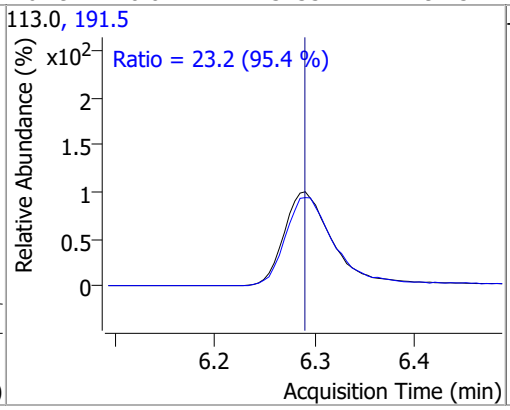


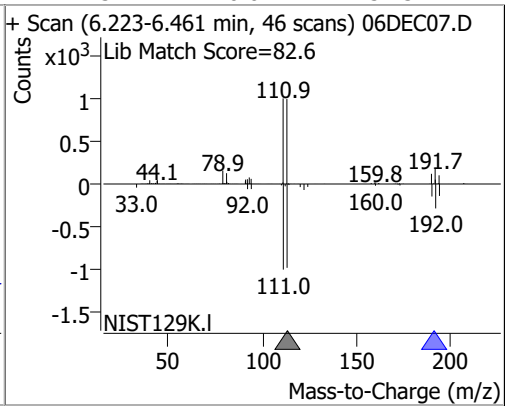
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.030	96.0	939857	250.0000	ng	0.016
M Chlorobenzene-d5	10.113	82.0	279637	250.0000	ng	0.016
M 1,4-Dichlorobenzene-d4	12.420	152.0	164944	250.0000	ng	0.016
System Monitoring Compounds						
S Dibromofluoromethane	6.290	113.0	231351	246.7351	ng	0.016
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 98.69%		
S 1,2-Dichloroethane-d4	6.663	67.0	83725	232.9552	ng	0.016
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 93.18%		
S Toluene-d8	8.680	98.0	818703	238.2758	ng	0.016
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 95.31%		
S p-Bromofluorobenzene	11.277	95.0	201847	263.8967	ng	0.016
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 105.56%		
Target Compounds						**QValue**
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Toluene	0.000		0	N.D.		
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	0.000		0	N.D.		
T o-Xylene	0.000		0	N.D.		

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

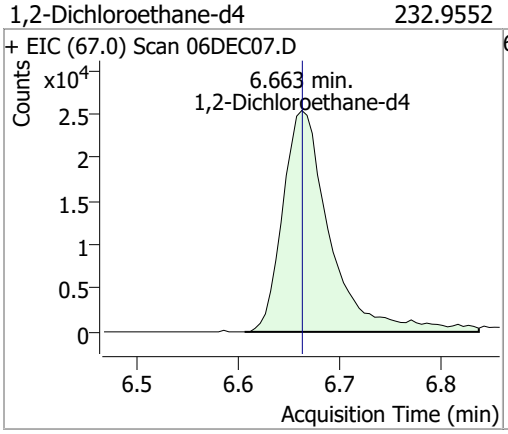
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	246.7351	6.29	0.02	231351	191.5	23.2	0.0	54.3

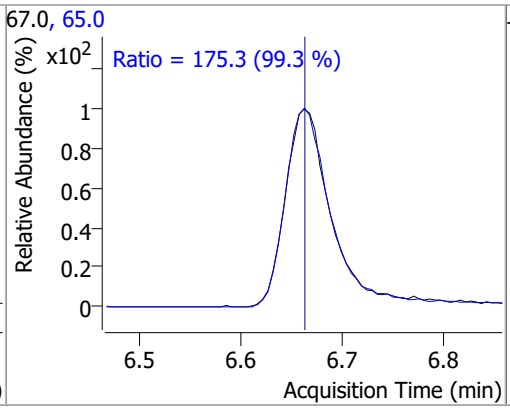


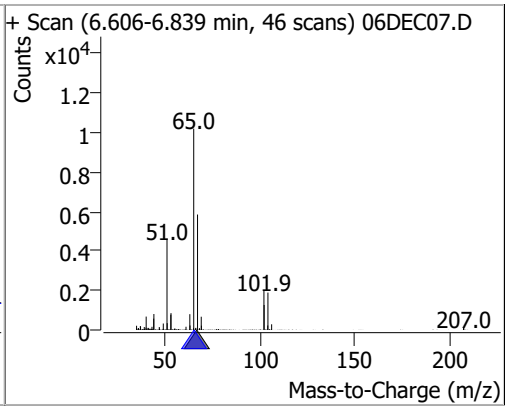




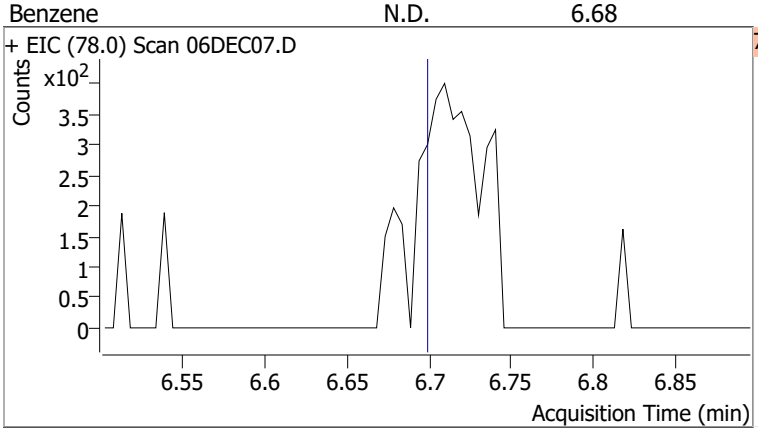
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	232.9552	6.66	0.02	83725	65.0	175.3	146.6	206.6

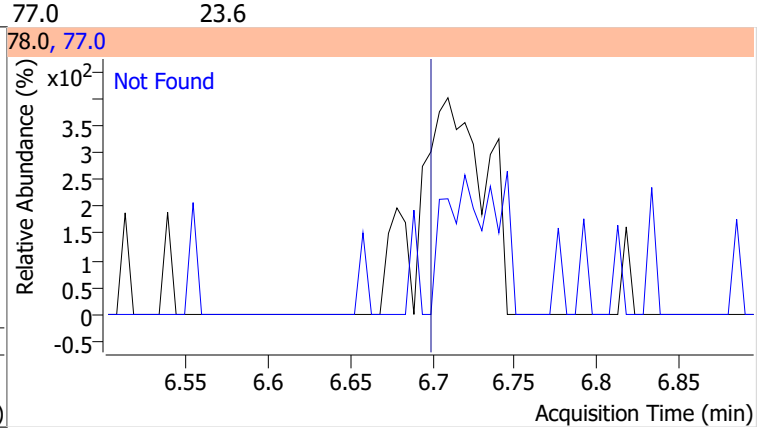




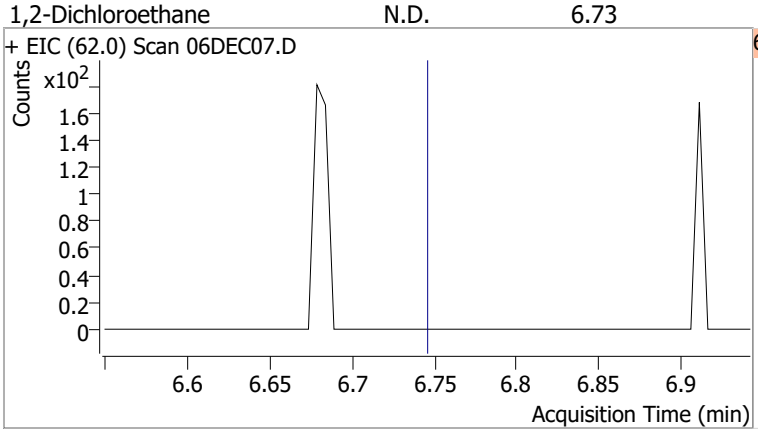


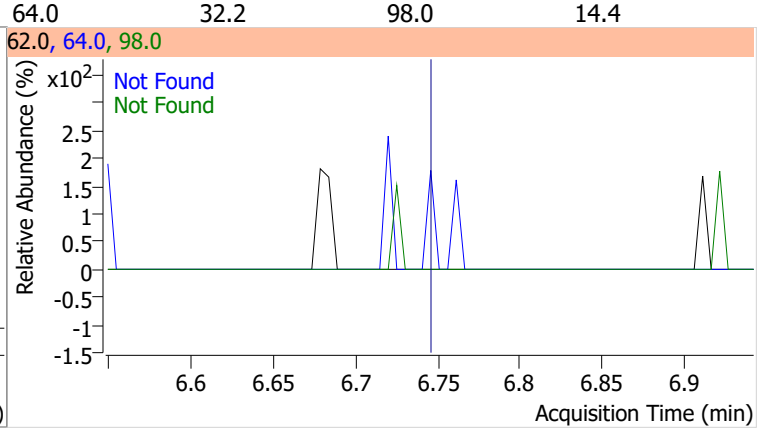
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.68	77.0	23.6



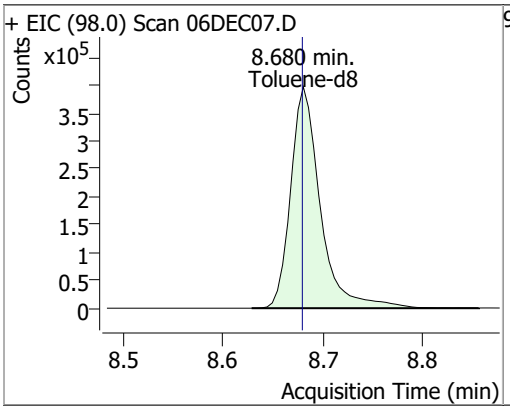


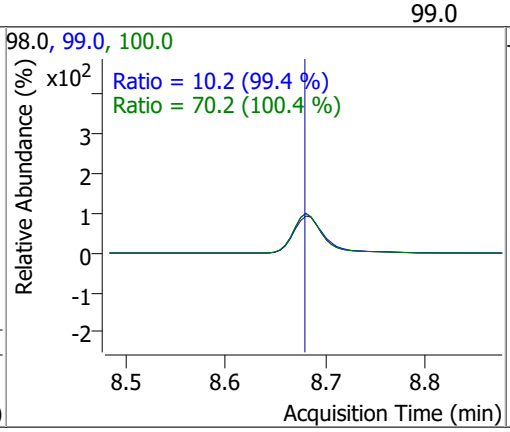
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

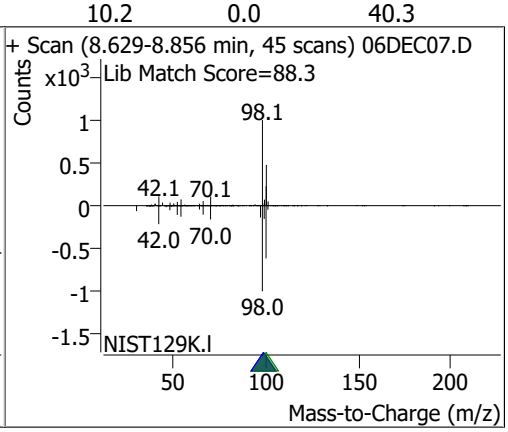




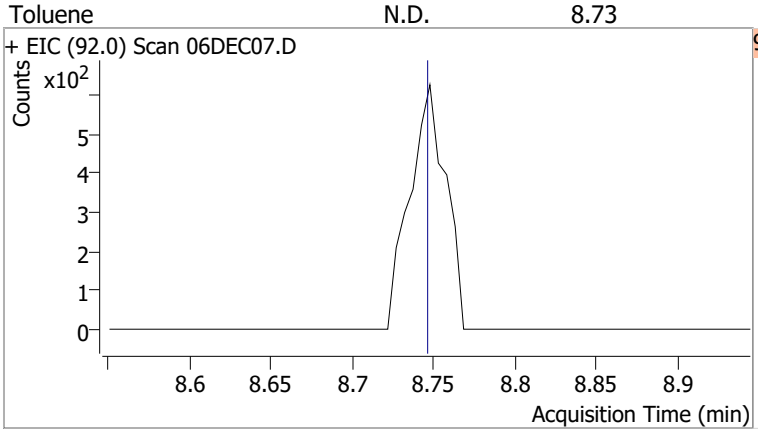
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	238.2758	8.68	0.02	818703	100.0	70.2	39.9	99.9
					99.0	10.2	0.0	40.3

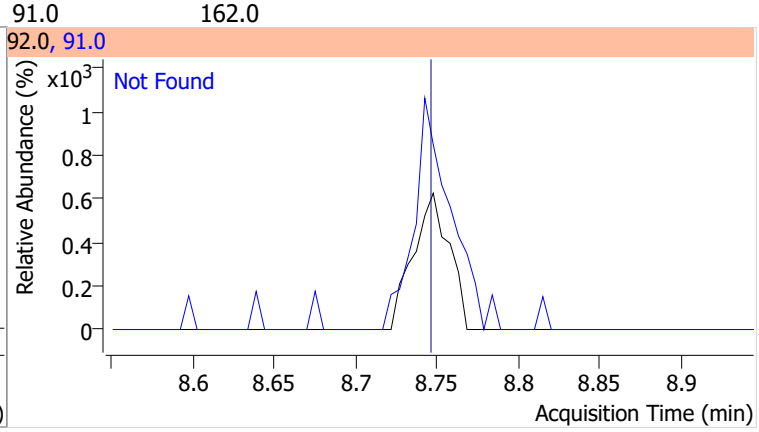




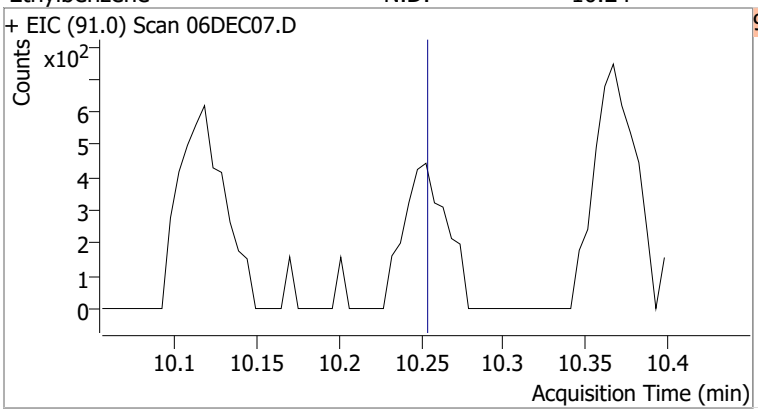


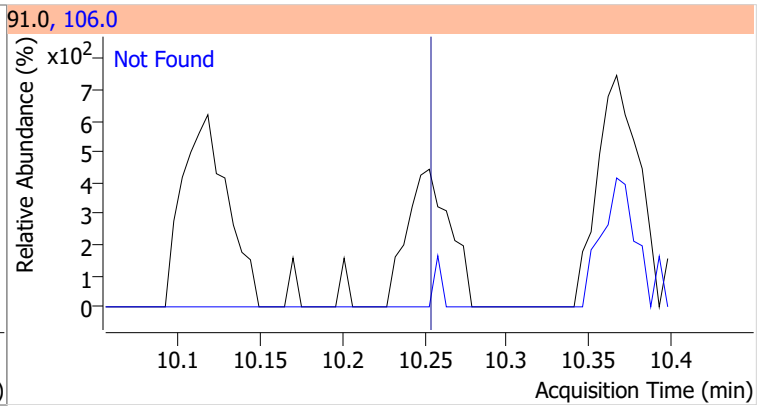
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.73	91.0	162.0



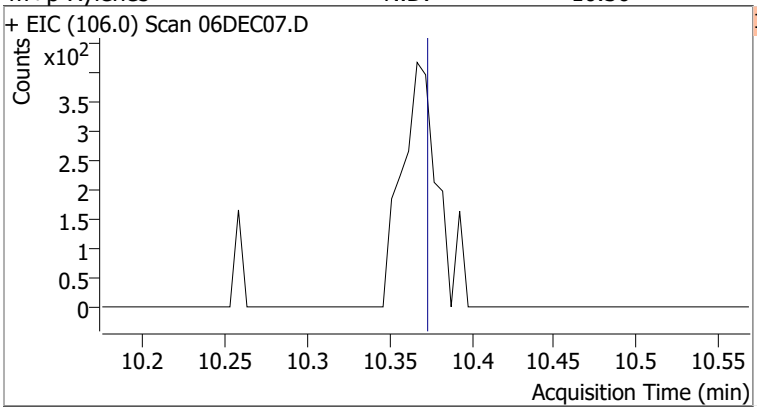


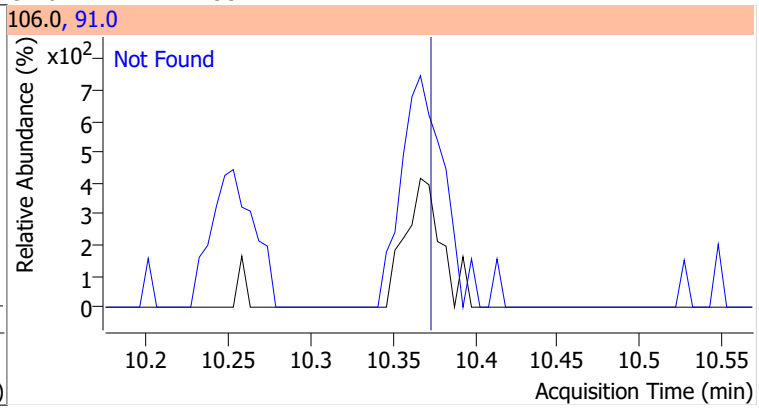
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	10.24	106.0	30.4



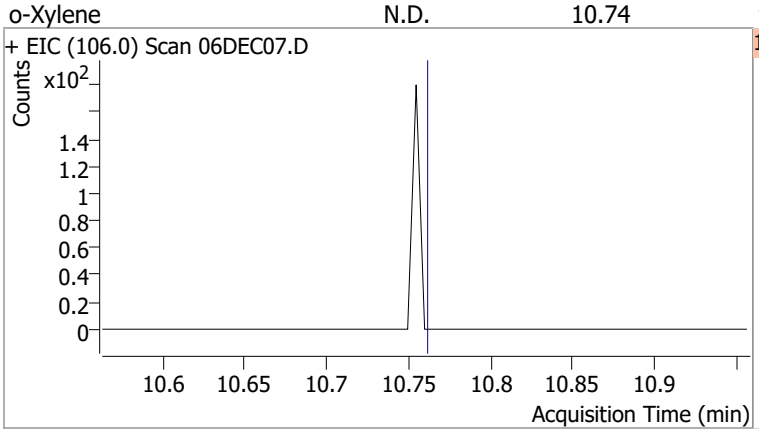


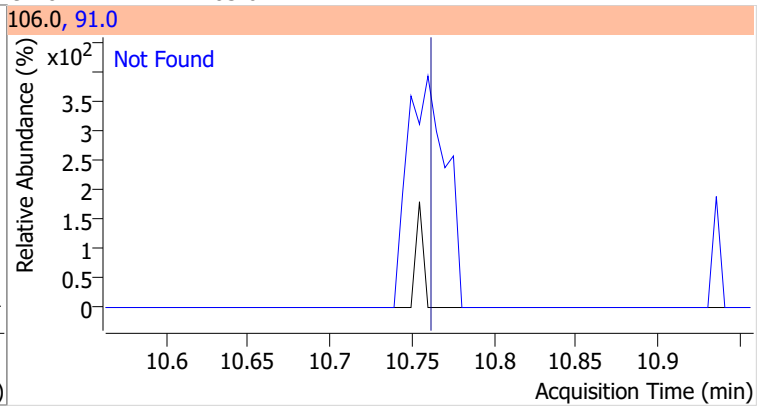
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.36	91.0	193.7



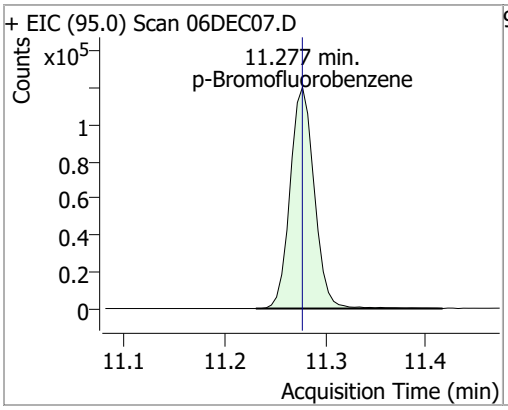


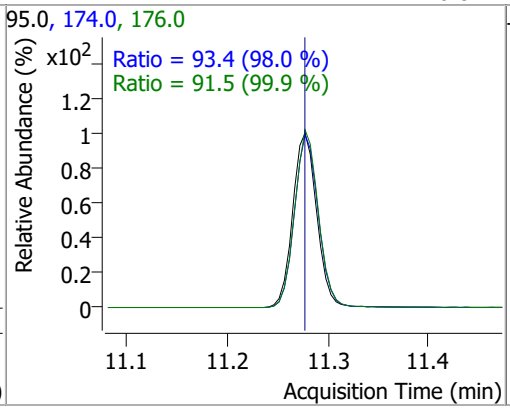
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.74	91.0	203.6

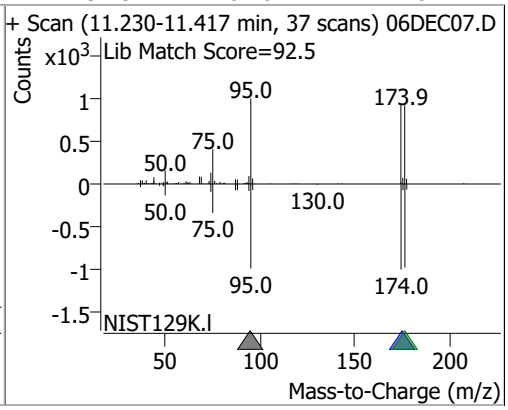




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	263.8967	11.28	0.02	201847	174.0	93.4	65.3	125.3
					176.0	91.5	61.6	121.6

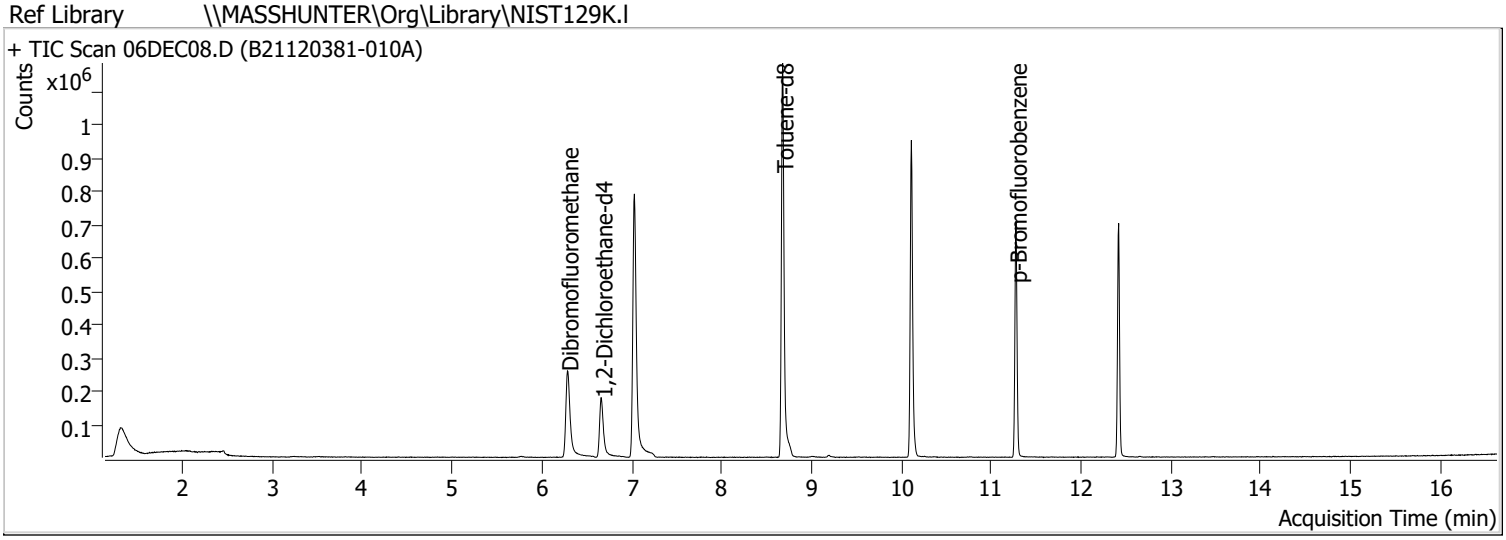






Quantitation Results Report (QT Reviewed)

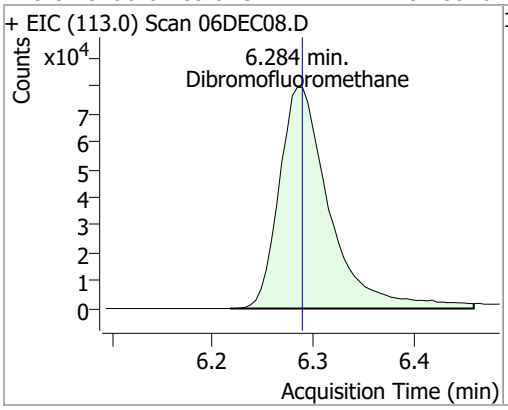
Data File	06DEC08.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/6/2021 2:44:00 PM
Sample Name	B21120381-010A	Instrument	GC/MS Ins
Vial	8	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120621_8260B_624pt1.batch.bin	Last Calib Update	12/8/2021 2:46:49 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

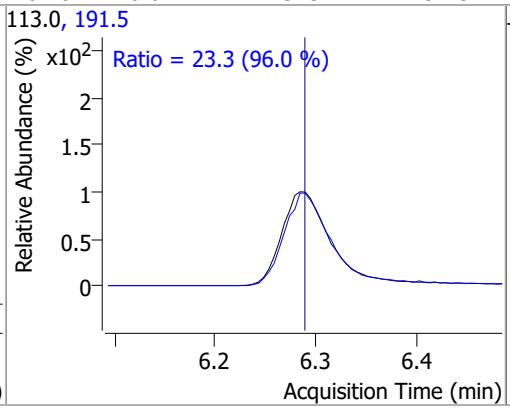


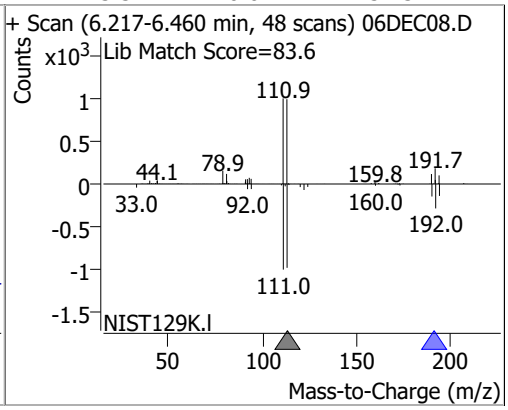
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.029	96.0	1111166	250.0000	ng	0.016
M Chlorobenzene-d5	10.112	82.0	334015	250.0000	ng	0.016
M 1,4-Dichlorobenzene-d4	12.419	152.0	203958	250.0000	ng	0.016
System Monitoring Compounds						
S Dibromofluoromethane	6.284	113.0	279192	251.8520	ng	0.010
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 100.74%		
S 1,2-Dichloroethane-d4	6.662	67.0	100762	237.1356	ng	0.016
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 94.85%		
S Toluene-d8	8.680	98.0	970244	236.4085	ng	0.016
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 94.56%		
S p-Bromofluorobenzene	11.276	95.0	242971	256.8987	ng	0.016
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 102.76%		
Target Compounds						**QValue**
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Toluene	0.000		0	N.D.		
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	0.000		0	N.D.		
T o-Xylene	0.000		0	N.D.		

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

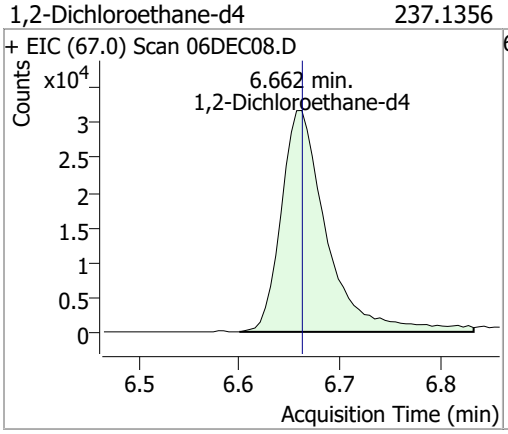
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	251.8520	6.28	0.01	279192	191.5	23.3	0.0	54.3

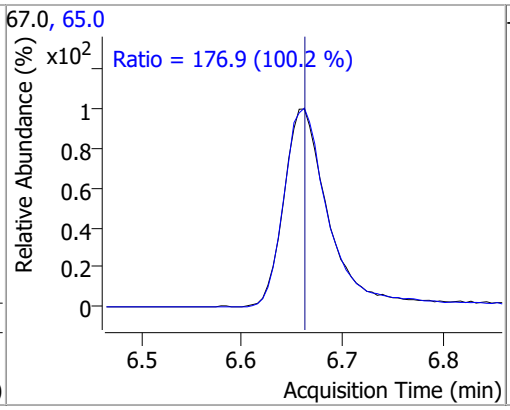


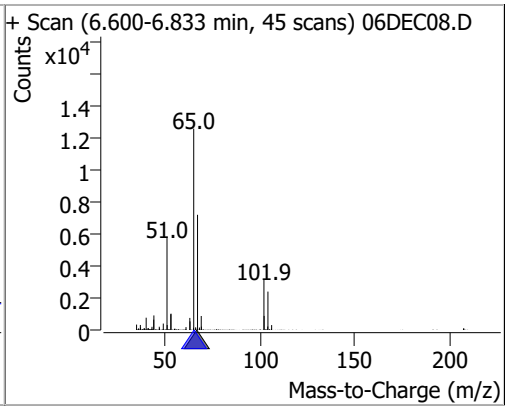




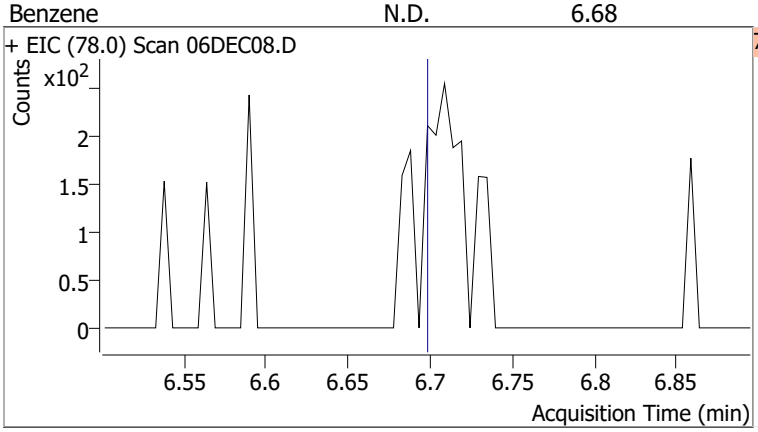
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	237.1356	6.66	0.02	100762	65.0	176.9	146.6	206.6

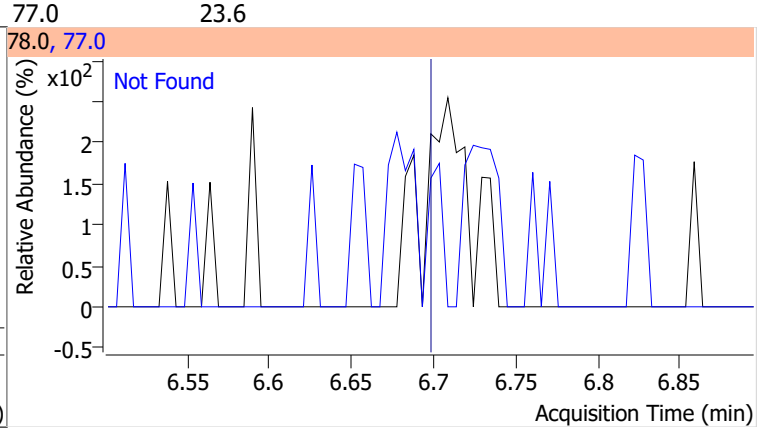




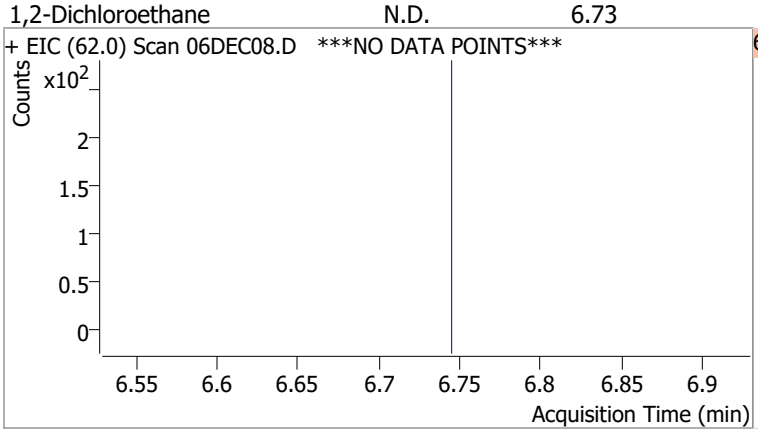


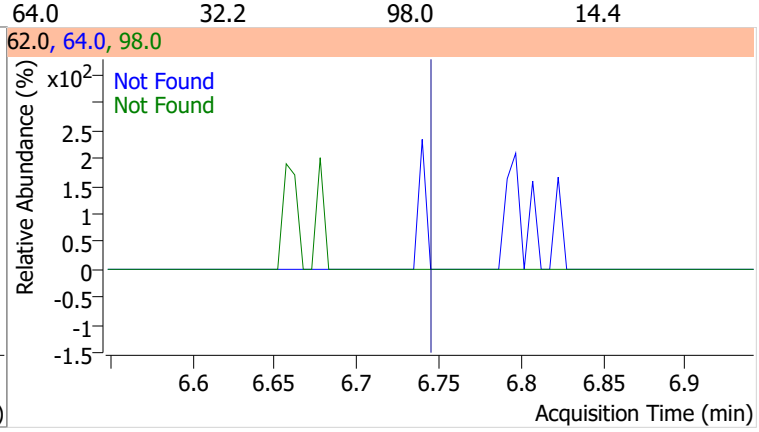
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.68	77.0	23.6



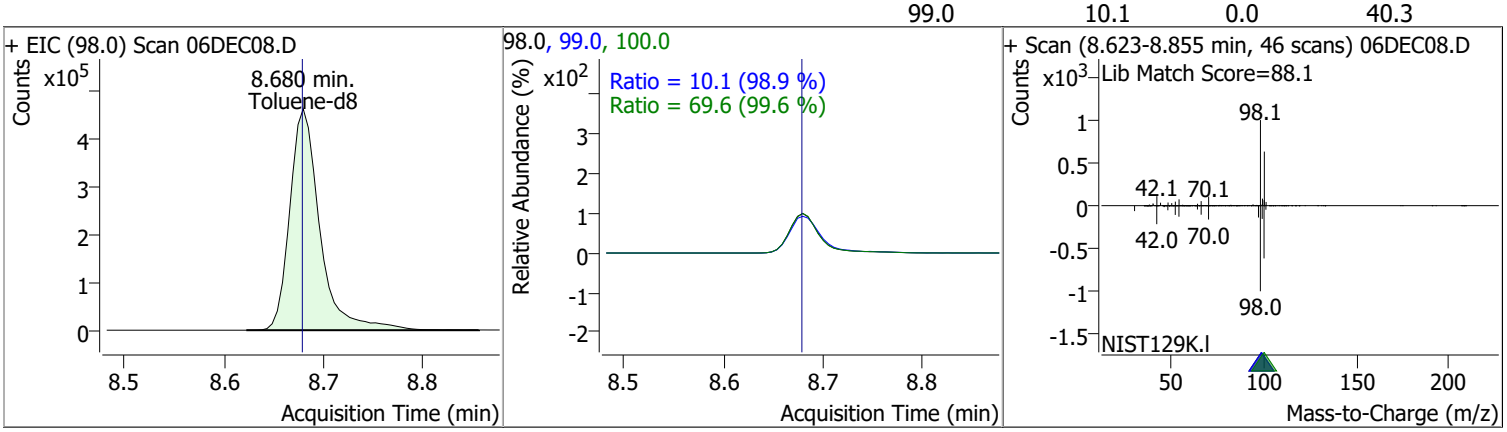


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

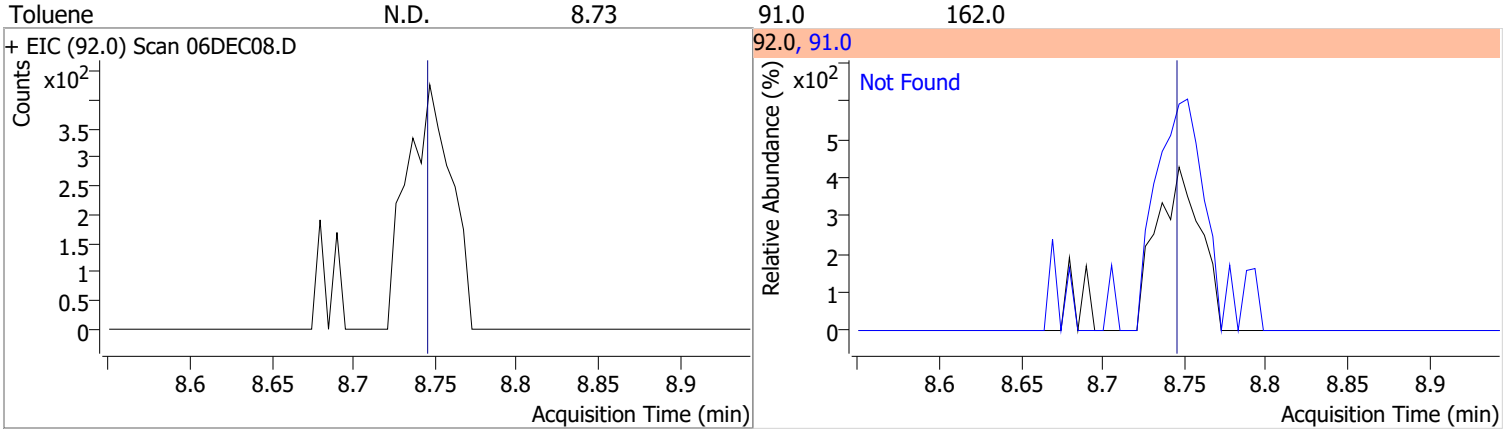




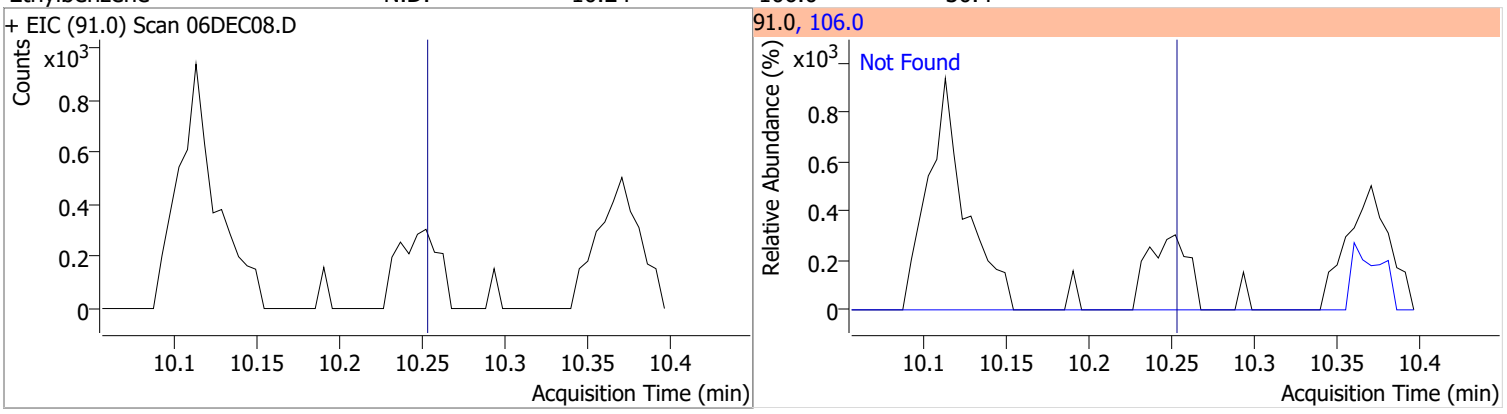
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	236.4085	8.68	0.02	970244	100.0	69.6	39.9	99.9
					99.0	10.1	0.0	40.3



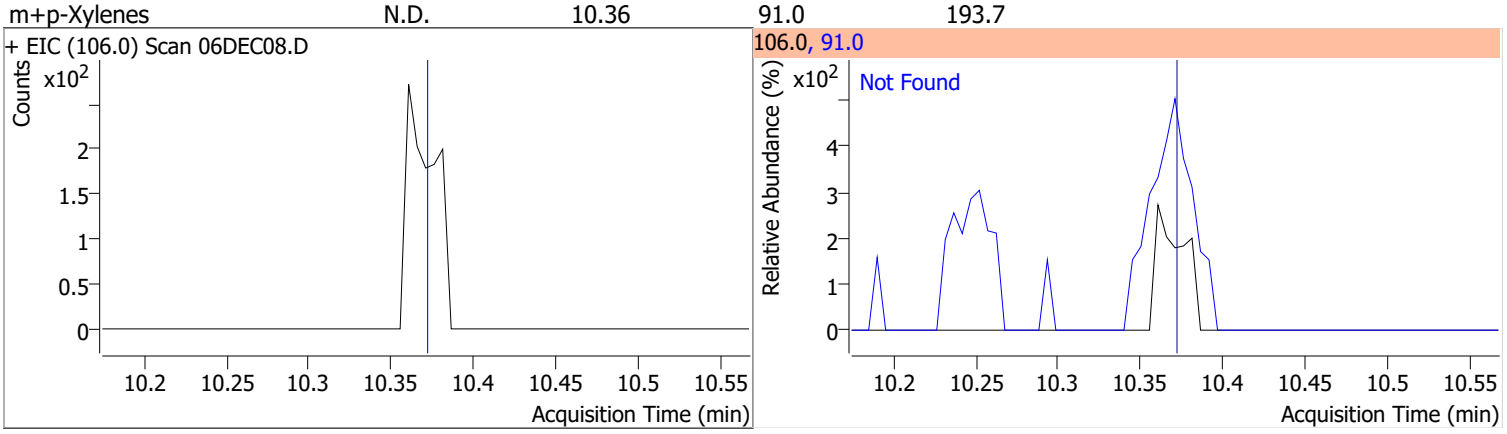
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.73	91.0	162.0



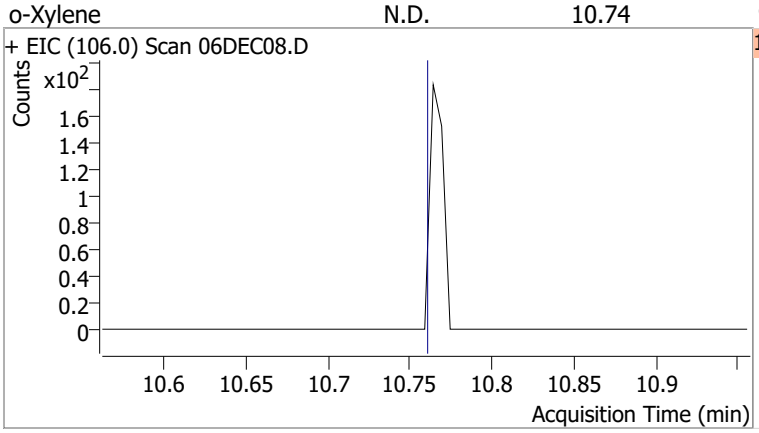
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	10.24	106.0	30.4

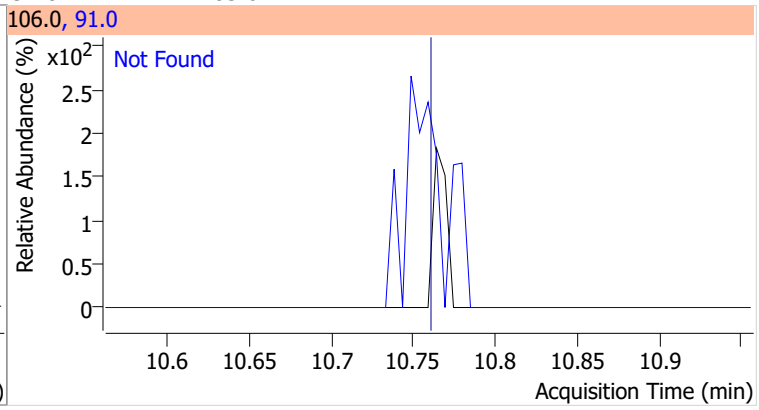


Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.36	91.0	193.7

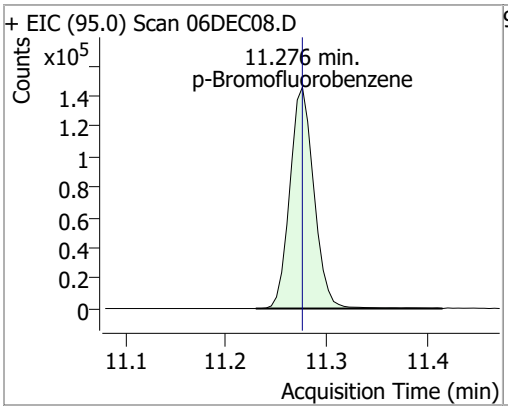


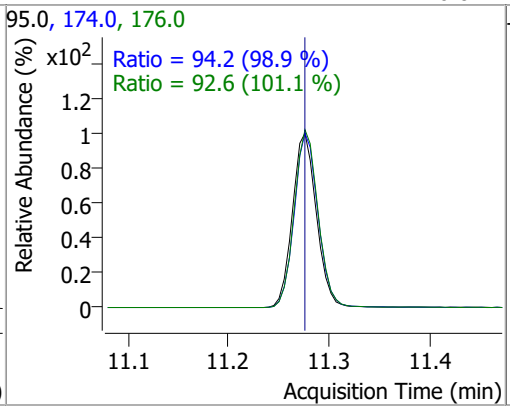
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.74	91.0	203.6

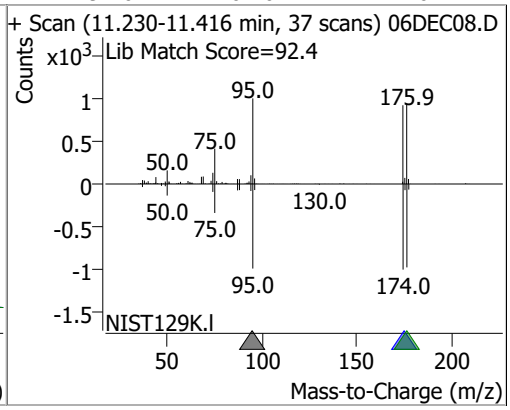




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	256.8987	11.28	0.02	242971	174.0	94.2	65.3	125.3
					176.0	92.6	61.6	121.6



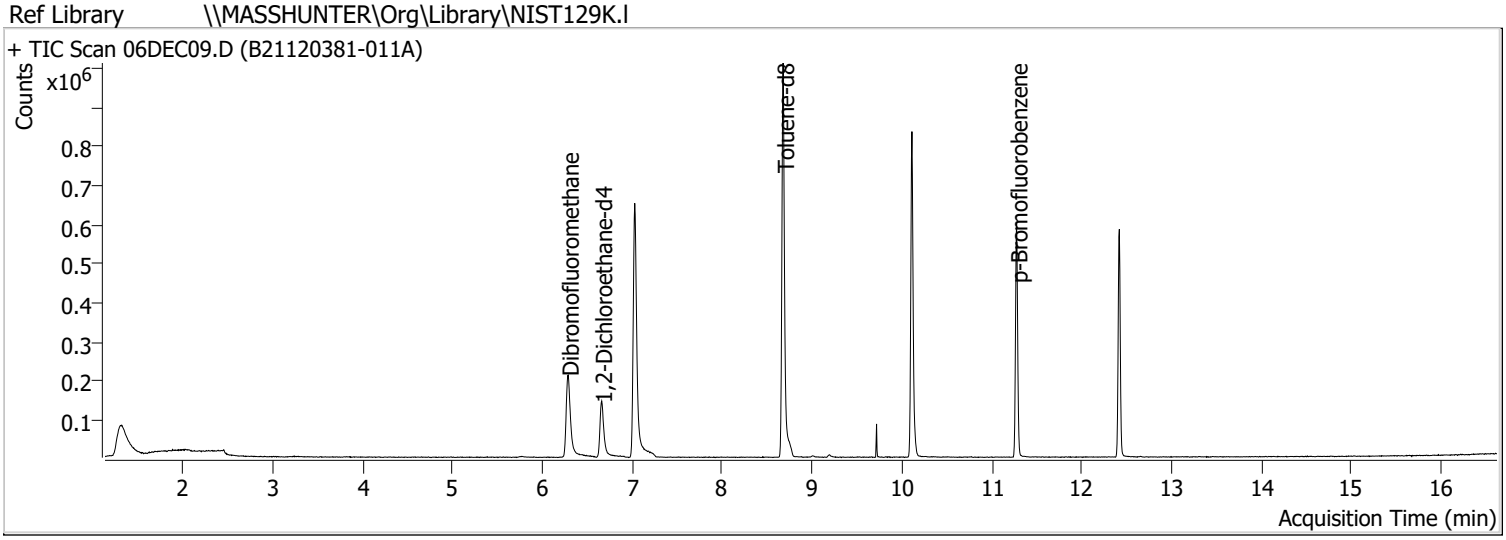




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

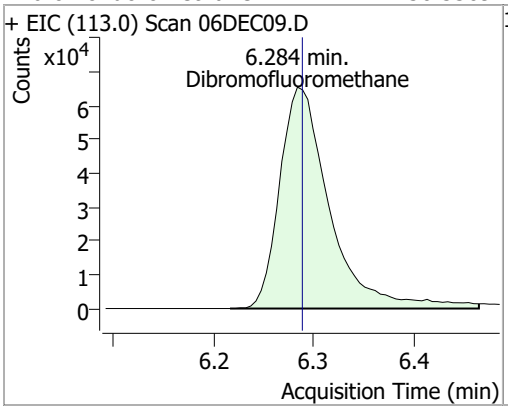
Data File	06DEC09.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/6/2021 3:10:00 PM
Sample Name	B21120381-011A	Instrument	GC/MS Ins
Vial	9	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120621_8260B_624pt1.batch.bin	Last Calib Update	12/8/2021 2:46:49 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

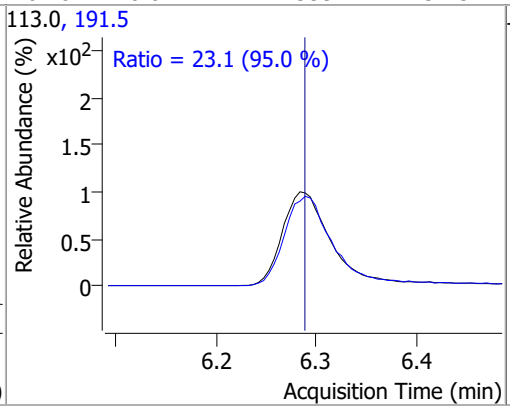


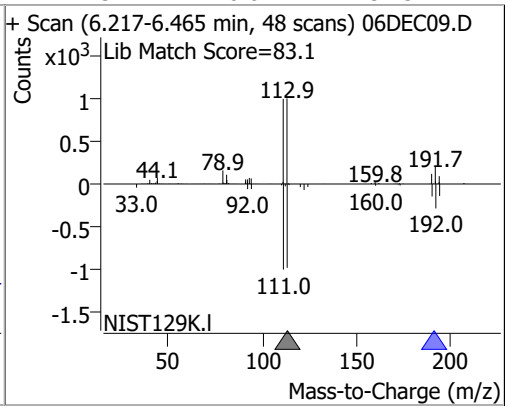
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.029	96.0	912206	250.0000	ng	0.015
M Chlorobenzene-d5	10.112	82.0	283960	250.0000	ng	0.015
M 1,4-Dichlorobenzene-d4	12.419	152.0	173363	250.0000	ng	0.015
System Monitoring Compounds						
S Dibromofluoromethane	6.284	113.0	227999	250.5309	ng	0.010
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 100.21%		
S 1,2-Dichloroethane-d4	6.657	67.0	81442	233.4718	ng	0.010
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 93.39%		
S Toluene-d8	8.679	98.0	815186	233.6403	ng	0.015
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 93.46%		
S p-Bromofluorobenzene	11.276	95.0	207858	258.5583	ng	0.015
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 103.42%		
Target Compounds						**QValue**
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Toluene	0.000		0	N.D.		
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	0.000		0	N.D.		
T o-Xylene	0.000		0	N.D.		

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

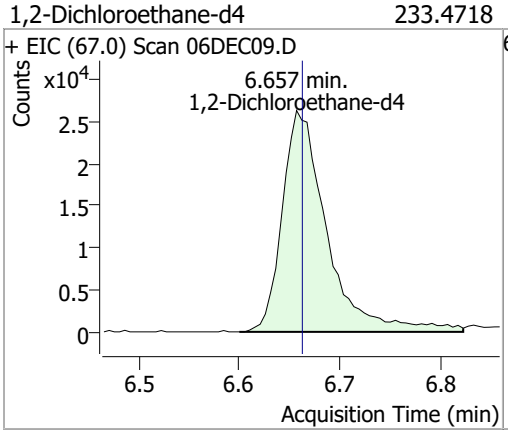
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	250.5309	6.28	0.01	227999	191.5	23.1	0.0	54.3

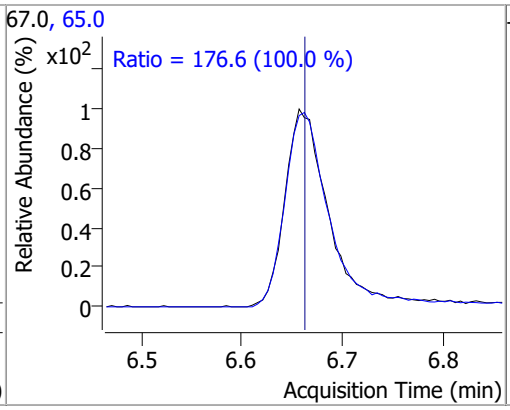


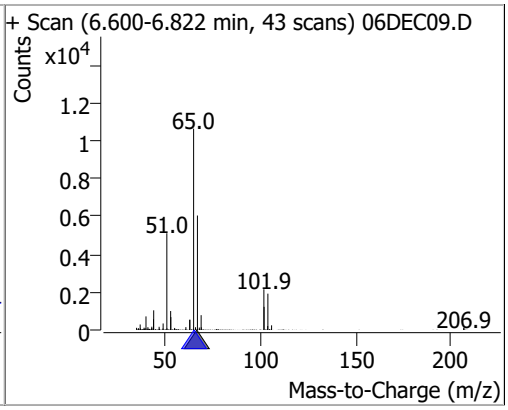




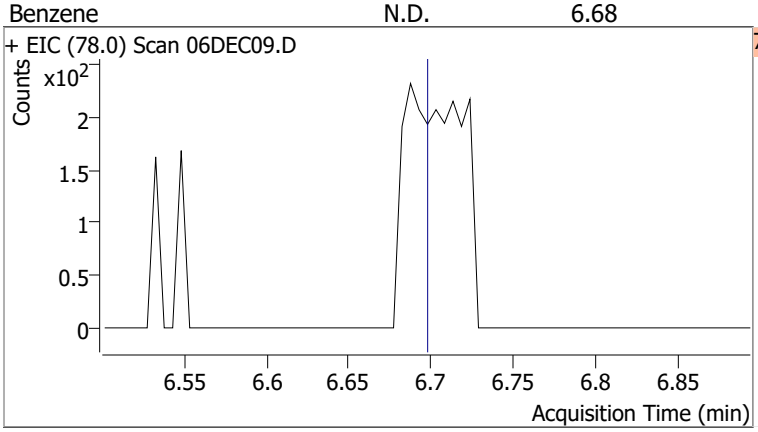
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	233.4718	6.66	0.01	81442	65.0	176.6	146.6	206.6

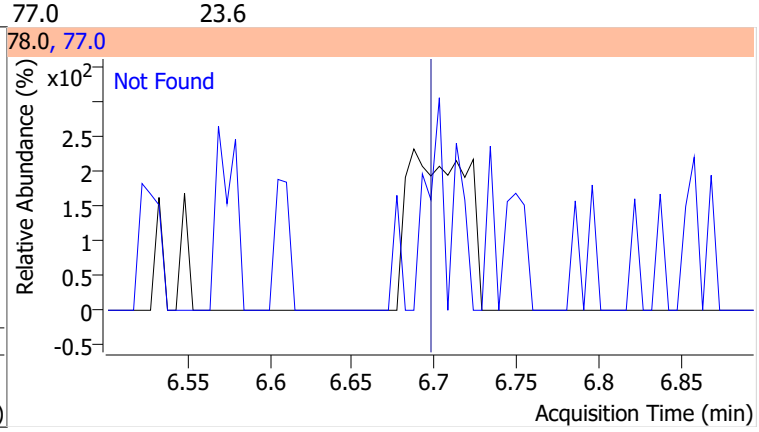




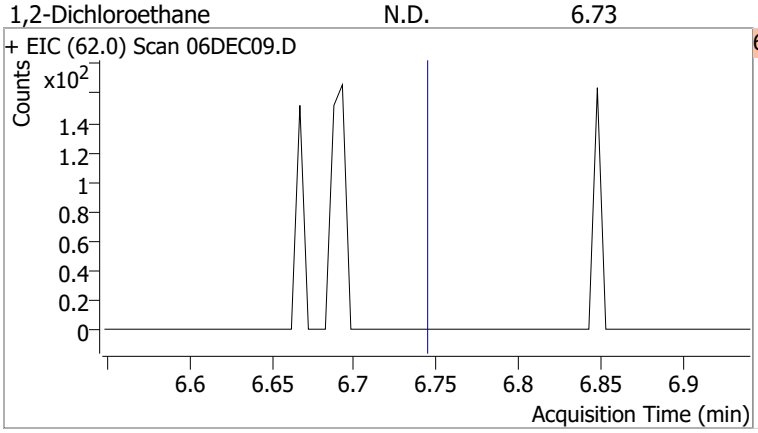


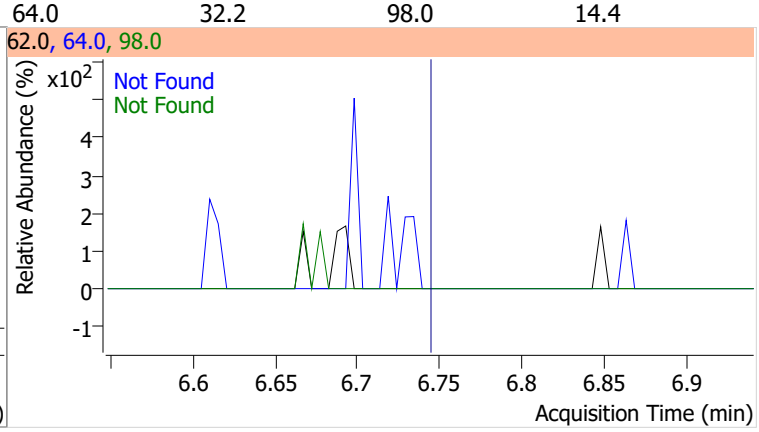
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.68	77.0	23.6



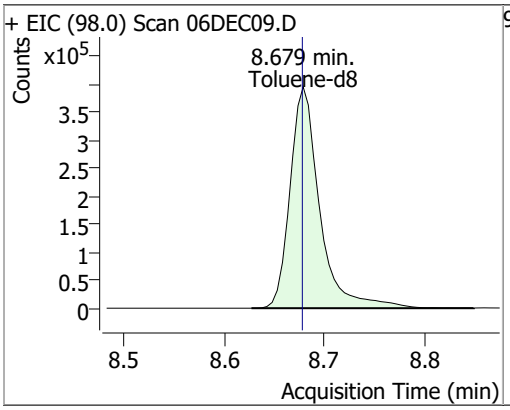


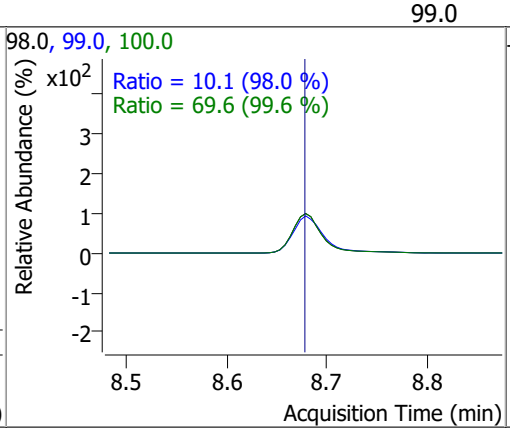
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

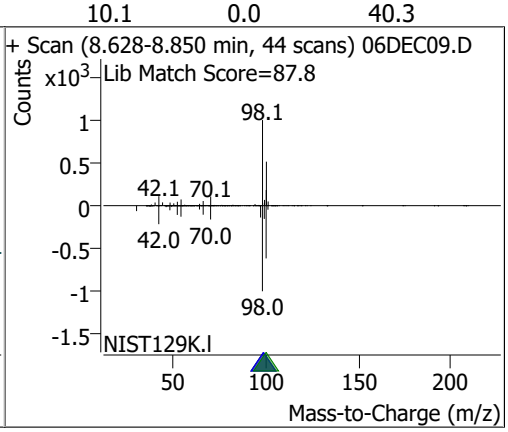




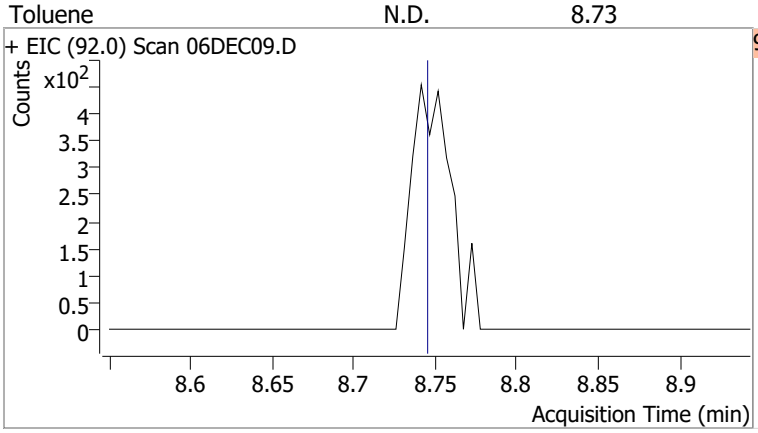
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	233.6403	8.68	0.02	815186	100.0	69.6	39.9	99.9
					99.0	10.1	0.0	40.3

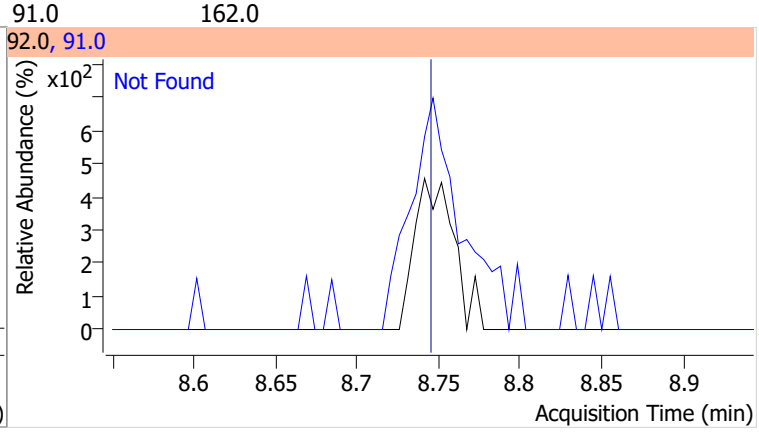




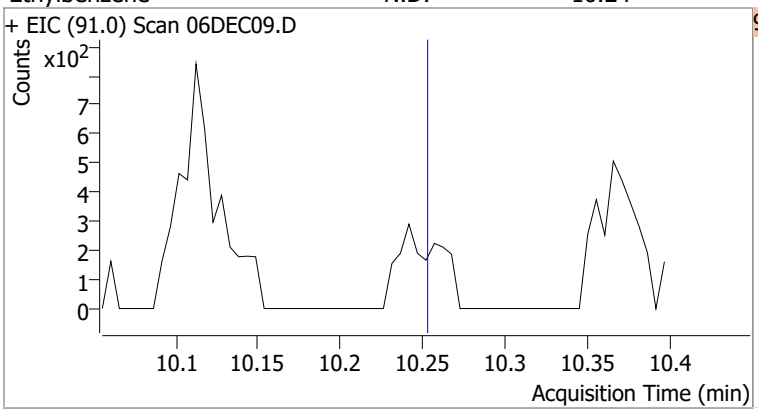


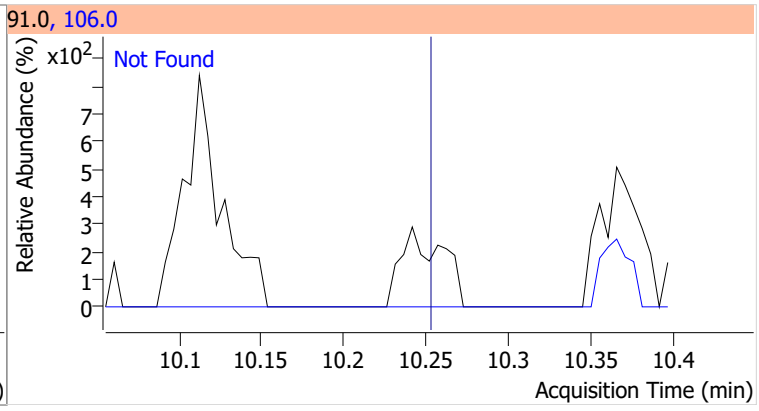
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.73	91.0	162.0



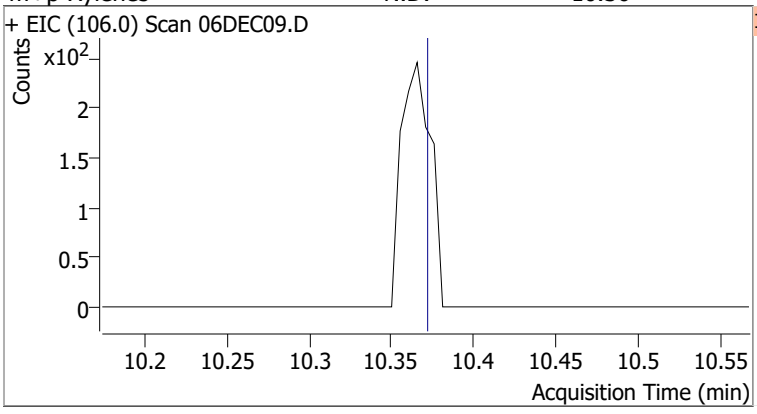


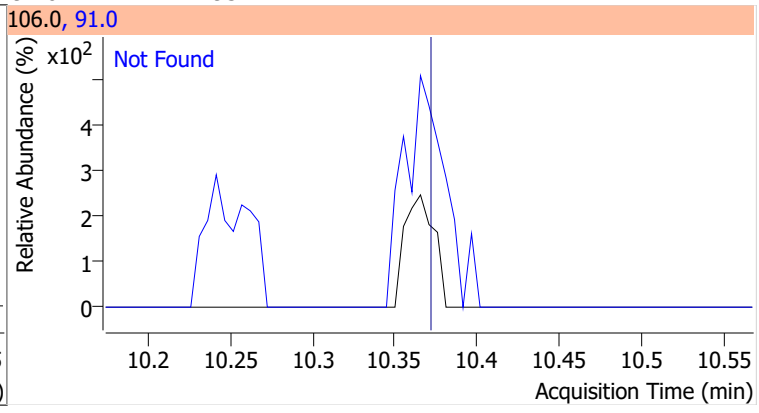
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	10.24	106.0	30.4



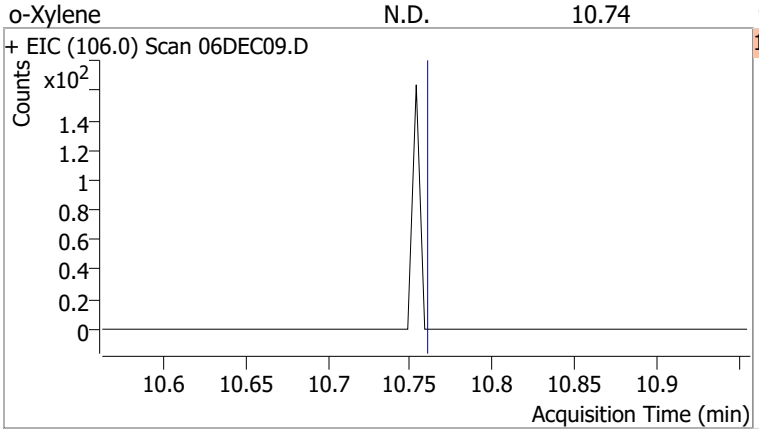


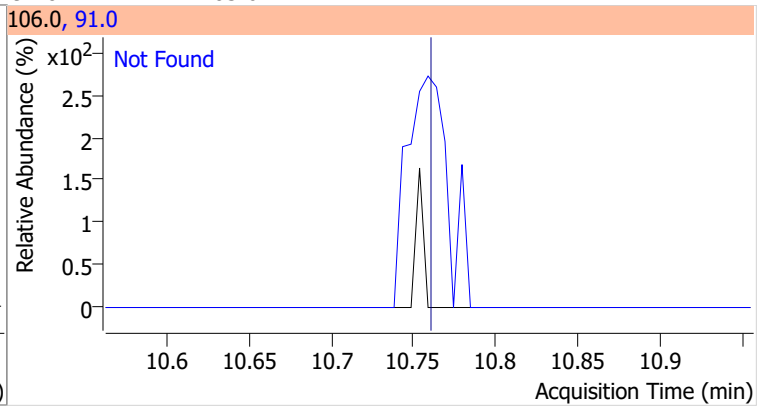
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.36	91.0	193.7



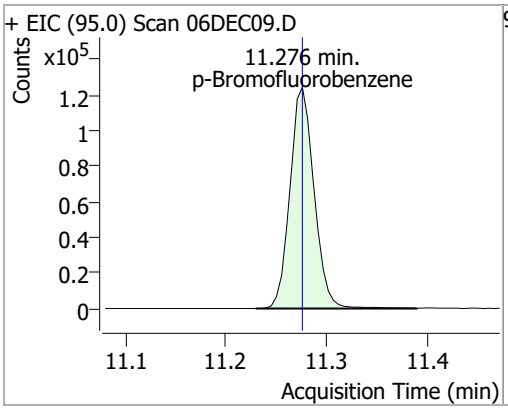


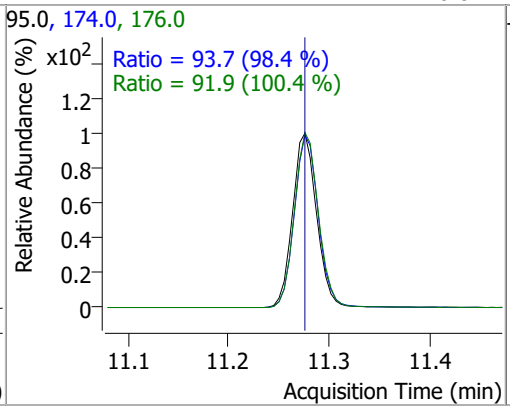
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.74	91.0	203.6

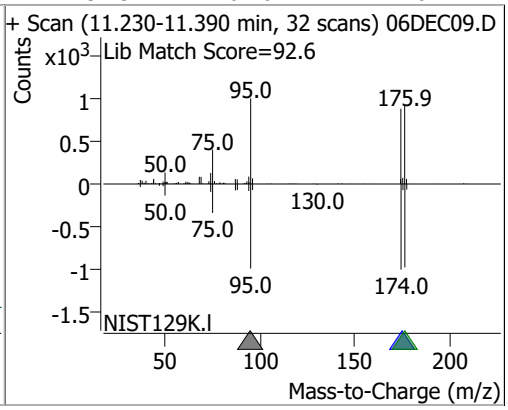




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	258.5583	11.28	0.02	207858	174.0	93.7	65.3	125.3
					176.0	91.9	61.6	121.6

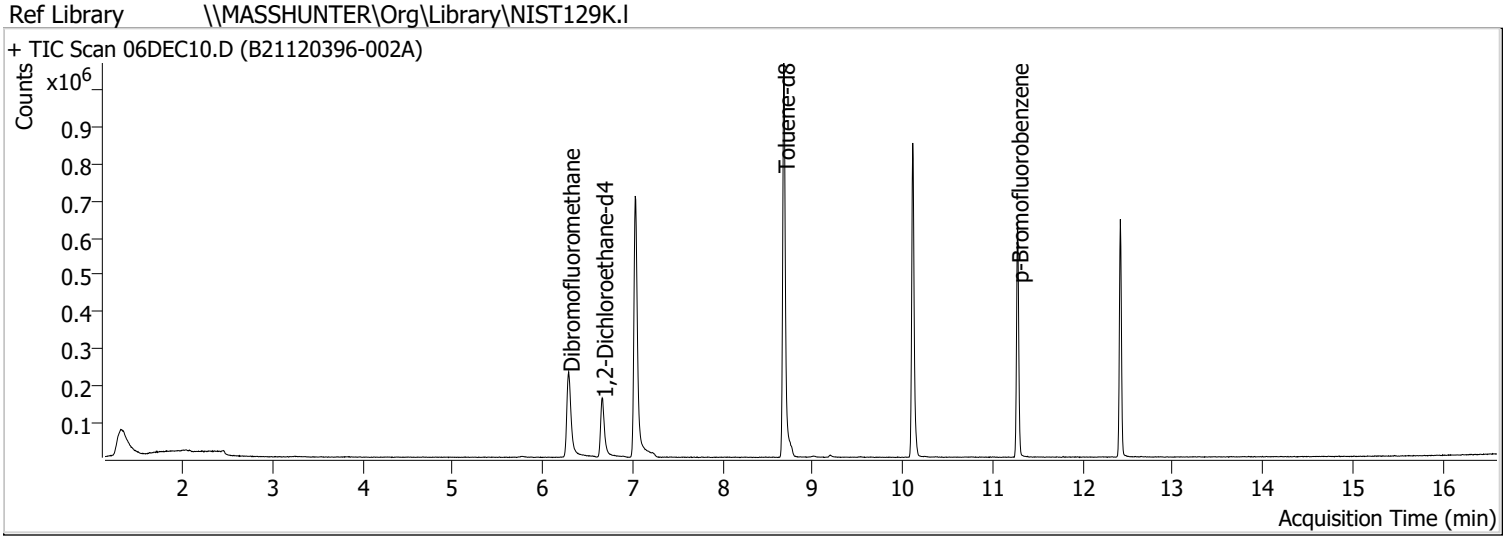






Quantitation Results Report (QT Reviewed)

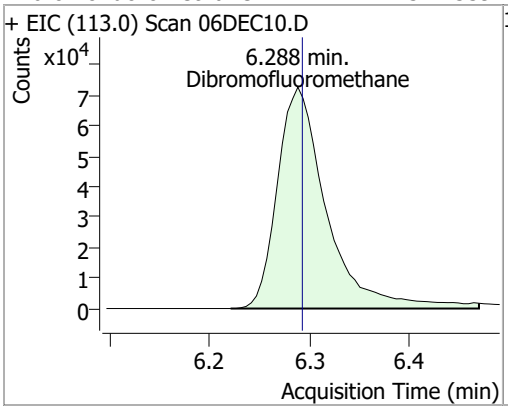
Data File	06DEC10.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/6/2021 3:35:00 PM
Sample Name	B21120396-002A	Instrument	GC/MS Ins
Vial	10	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120621_8260B_624pt1.batch.bin	Last Calib Update	12/8/2021 2:46:49 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

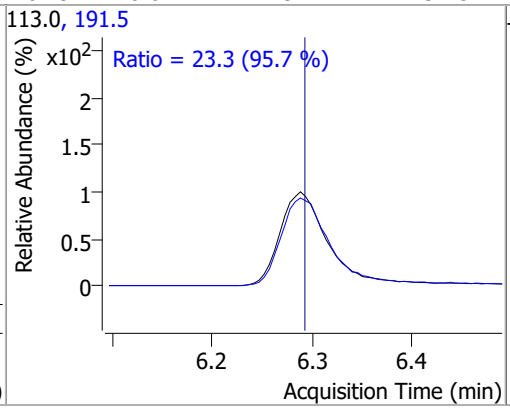


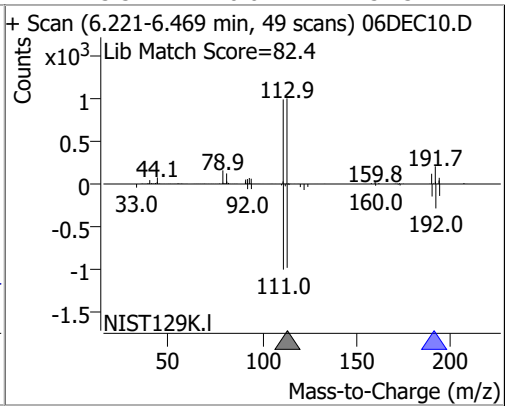
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.033	96.0	994712	250.0000	ng	0.019
M Chlorobenzene-d5	10.111	82.0	299595	250.0000	ng	0.014
M 1,4-Dichlorobenzene-d4	12.418	152.0	187075	250.0000	ng	0.014
System Monitoring Compounds						
S Dibromofluoromethane	6.288	113.0	249241	251.1559	ng	0.014
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 100.46%		
S 1,2-Dichloroethane-d4	6.661	67.0	90972	239.1605	ng	0.014
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 95.66%		
S Toluene-d8	8.678	98.0	876955	238.2270	ng	0.014
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 95.29%		
S p-Bromofluorobenzene	11.275	95.0	222495	256.4795	ng	0.014
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 102.59%		
Target Compounds						**QValue**
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Toluene	0.000		0	N.D.		
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	0.000		0	N.D.		
T o-Xylene	0.000		0	N.D.		

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

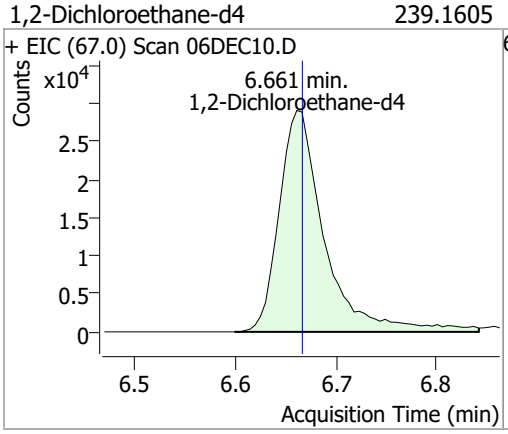
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	251.1559	6.29	0.01	249241	191.5	23.3	0.0	54.3

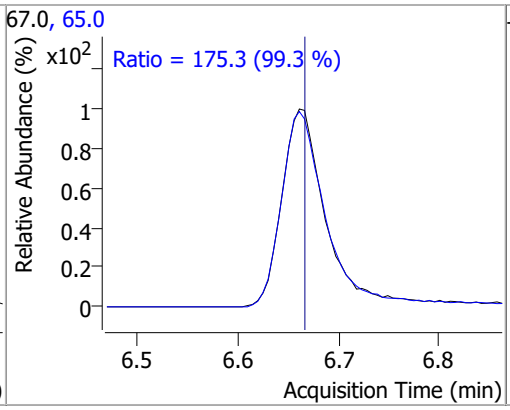


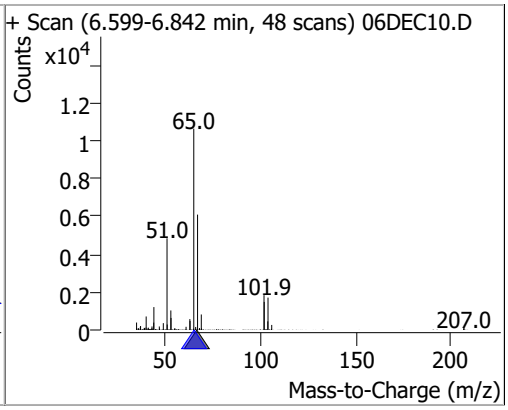




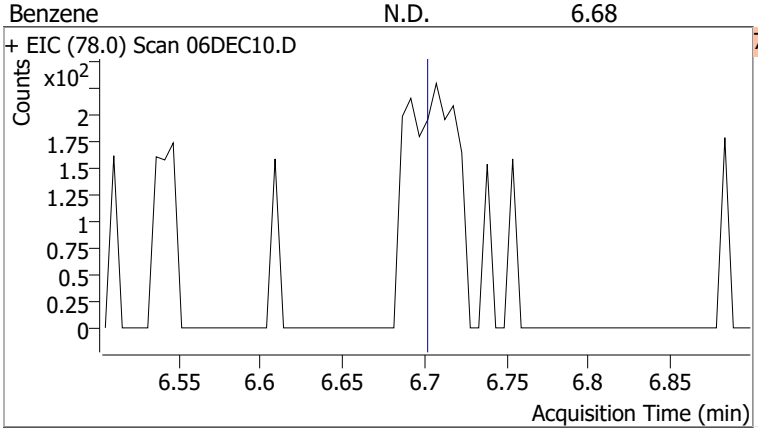
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	239.1605	6.66	0.01	90972	65.0	175.3	146.6	206.6

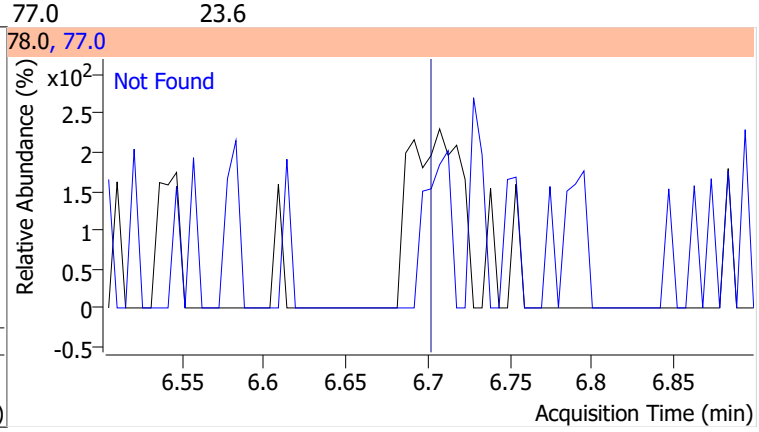




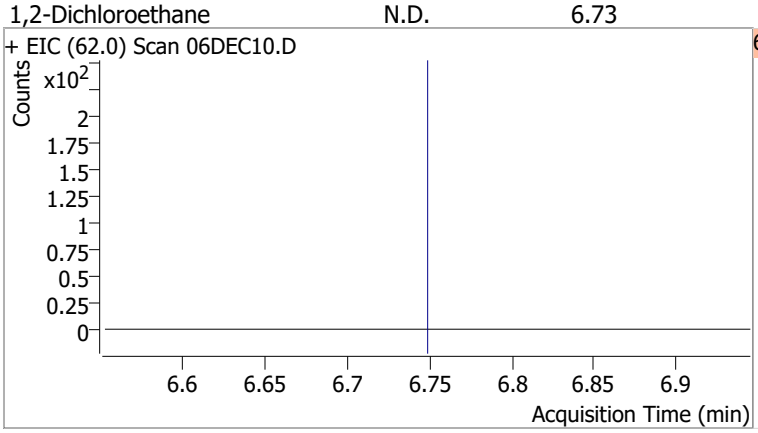


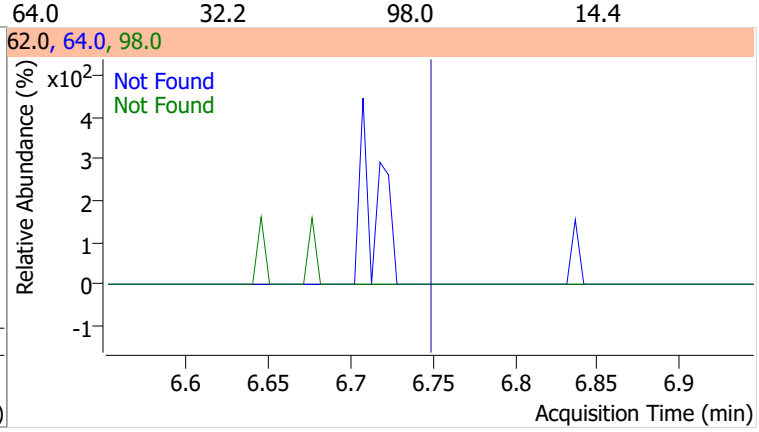
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.68	77.0	23.6



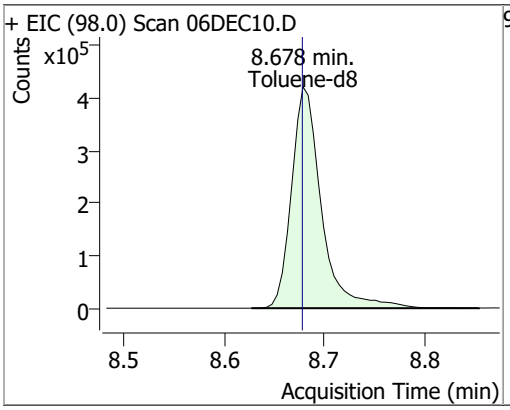


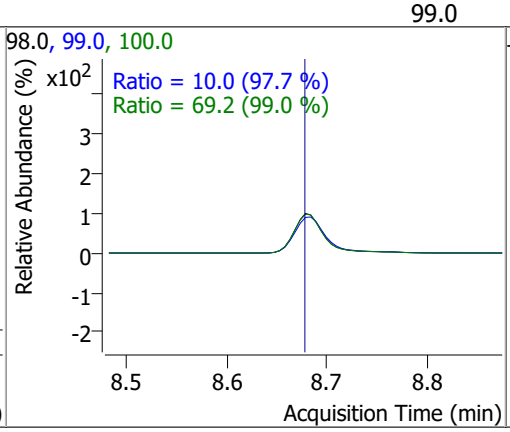
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

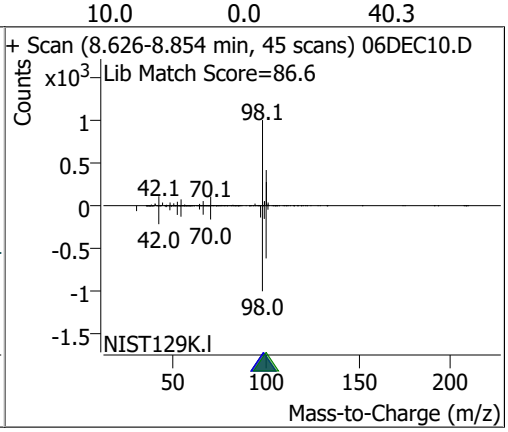




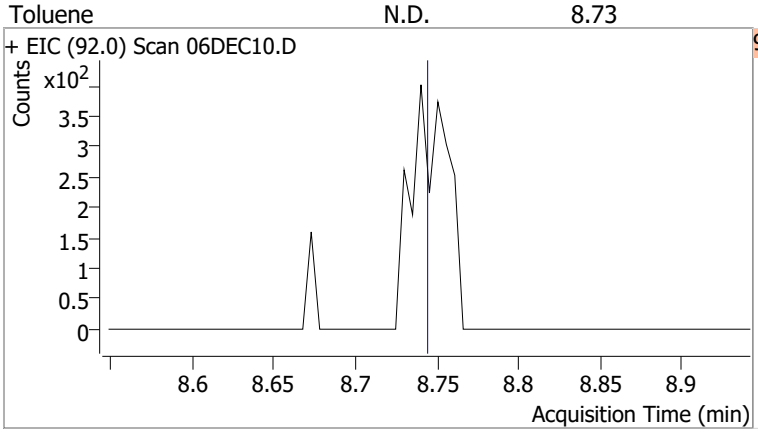
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	238.2270	8.68	0.01	876955	100.0	69.2	39.9	99.9
					99.0	10.0	0.0	40.3

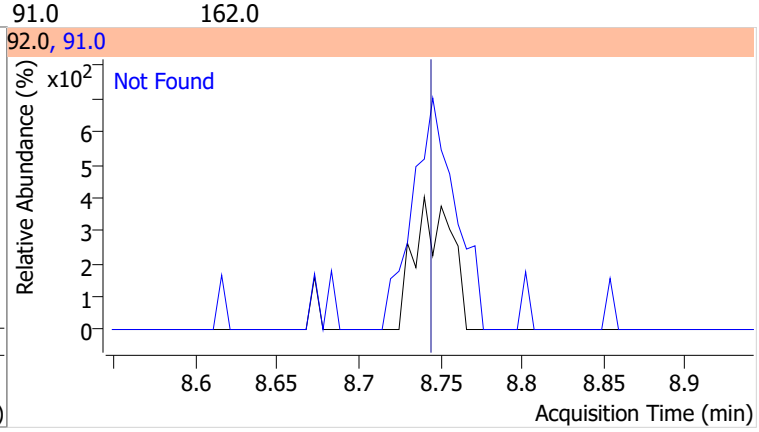




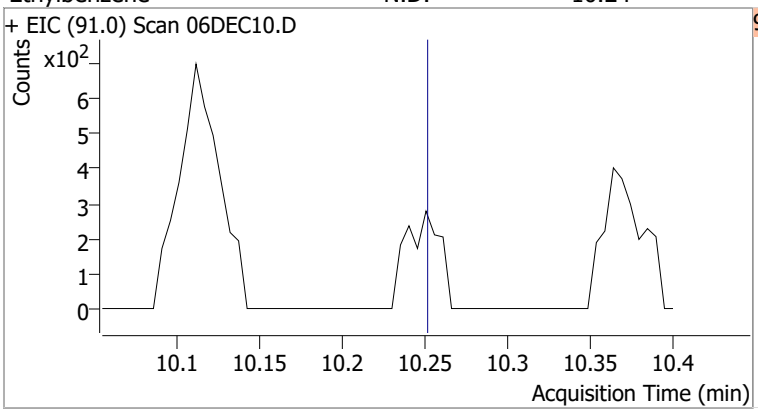


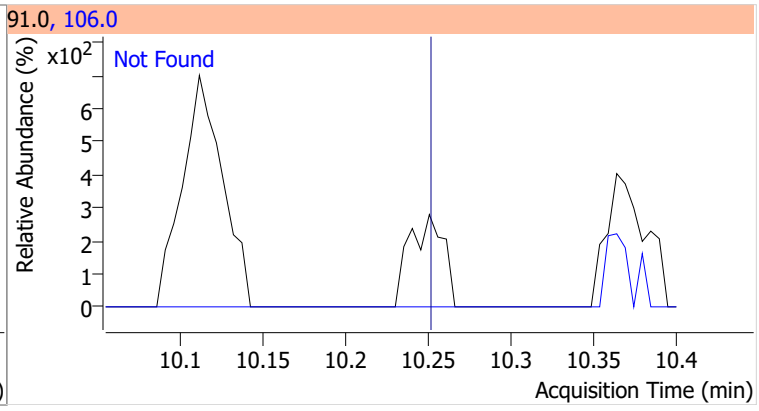
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.73	91.0	162.0



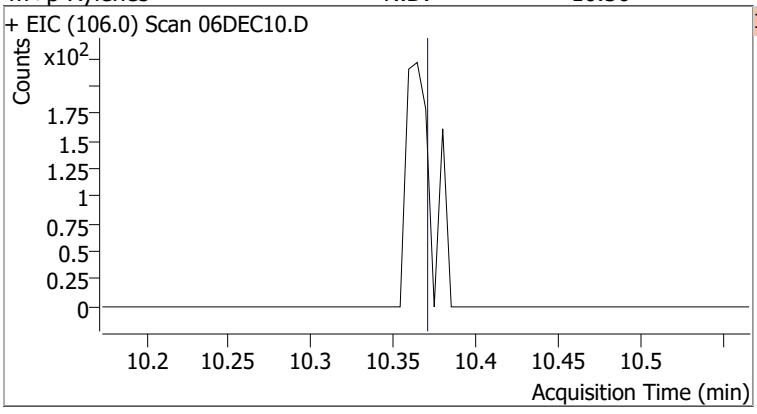


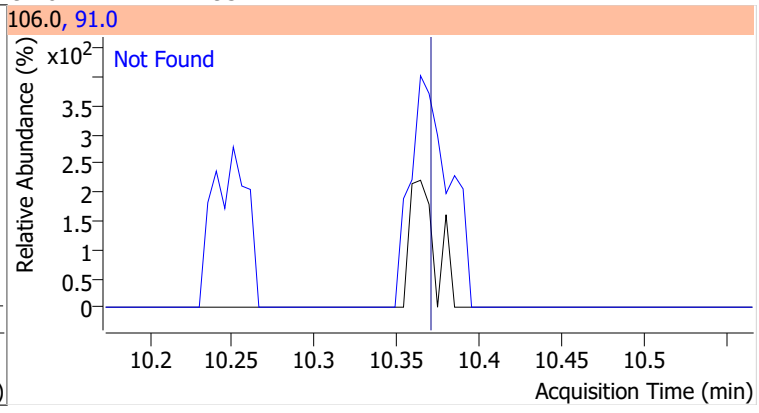
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	10.24	106.0	30.4



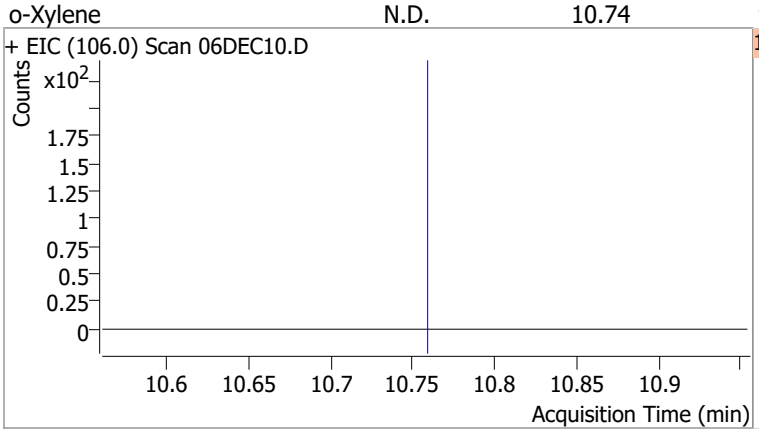


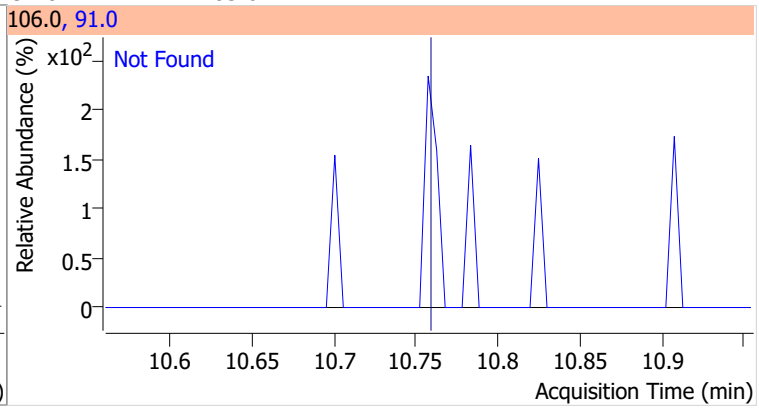
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.36	91.0	193.7



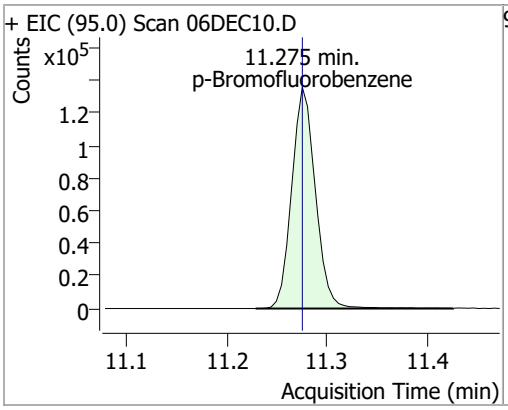


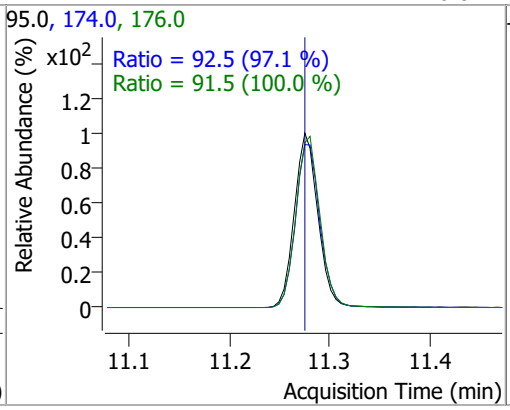
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.74	91.0	203.6

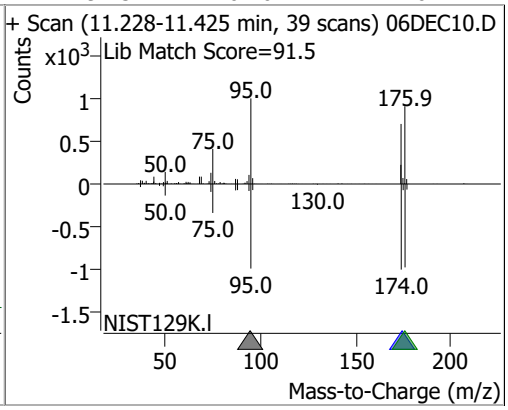




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	256.4795	11.27	0.01	222495	174.0	92.5	65.3	125.3
					176.0	91.5	61.6	121.6

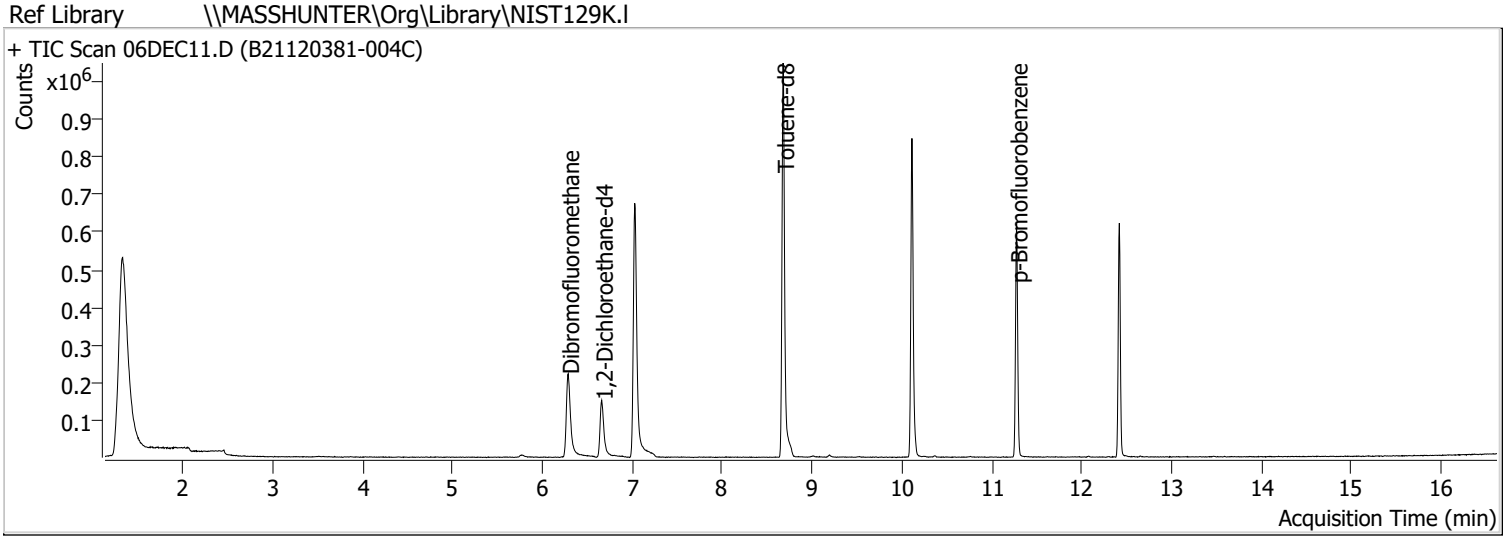






Quantitation Results Report (QT Reviewed)

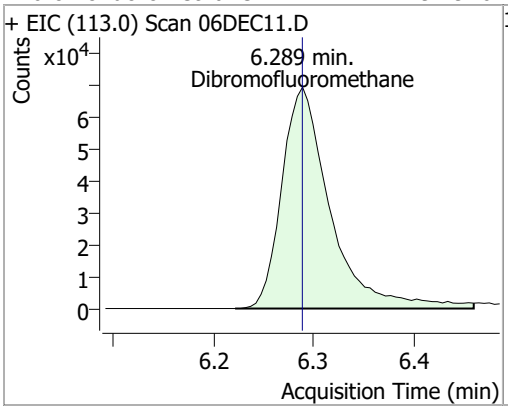
Data File	06DEC11.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/6/2021 4:00:00 PM
Sample Name	B21120381-004C	Instrument	GC/MS Ins
Vial	11	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120621_8260B_624pt1.batch.bin	Last Calib Update	12/8/2021 2:46:49 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

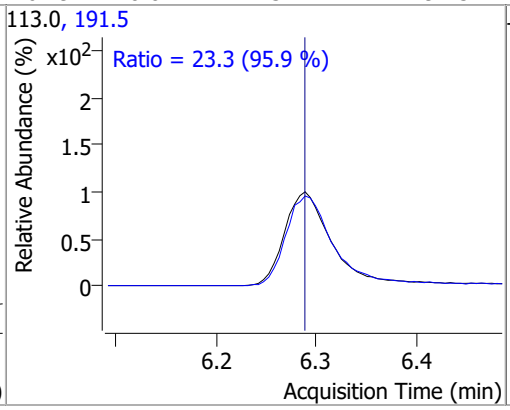


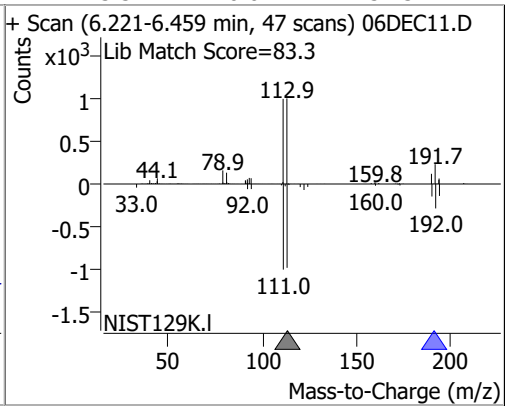
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.028	96.0	941816	250.0000	ng	0.015
M Chlorobenzene-d5	10.111	82.0	294891	250.0000	ng	0.015
M 1,4-Dichlorobenzene-d4	12.419	152.0	183253	250.0000	ng	0.015
System Monitoring Compounds						
S Dibromofluoromethane	6.289	113.0	234147	249.1976	ng	0.015
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 99.68%		
S 1,2-Dichloroethane-d4	6.661	67.0	84547	234.7530	ng	0.015
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 93.90%		
S Toluene-d8	8.679	98.0	845471	233.3380	ng	0.015
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 93.34%		
S p-Bromofluorobenzene	11.275	95.0	215819	253.9725	ng	0.015
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 101.59%		
Target Compounds						**QValue**
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Toluene	0.000		0	N.D.		
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	0.000		0	N.D.		
T o-Xylene	0.000		0	N.D.		

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

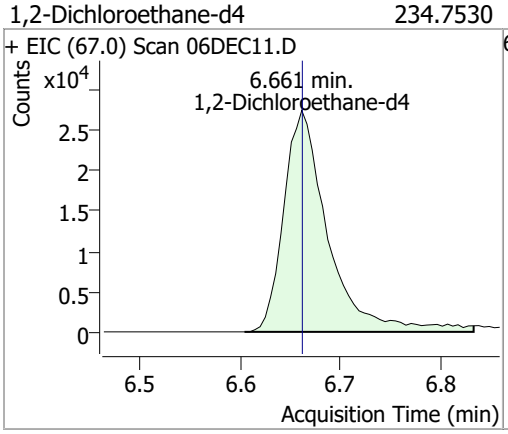
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	249.1976	6.29	0.01	234147	191.5	23.3	0.0	54.3

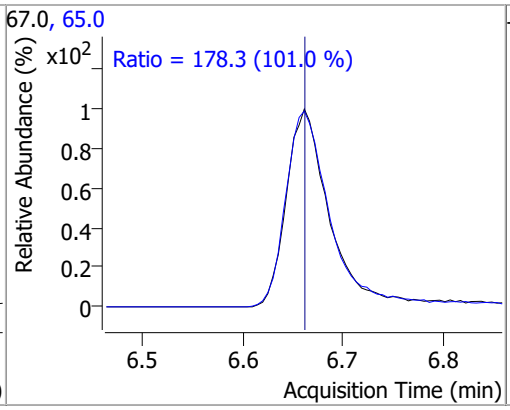


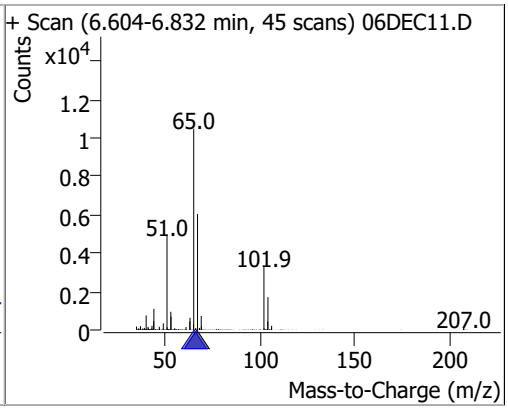




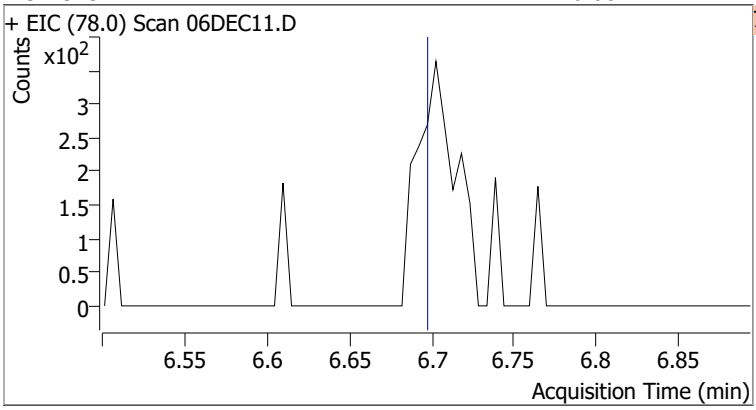
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	234.7530	6.66	0.01	84547	65.0	178.3	146.6	206.6

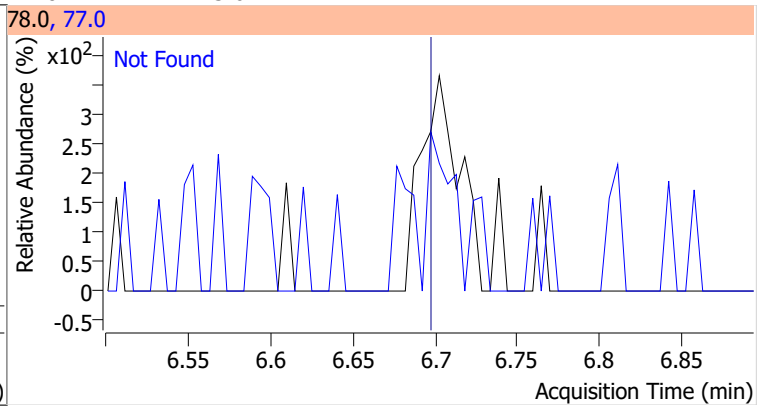




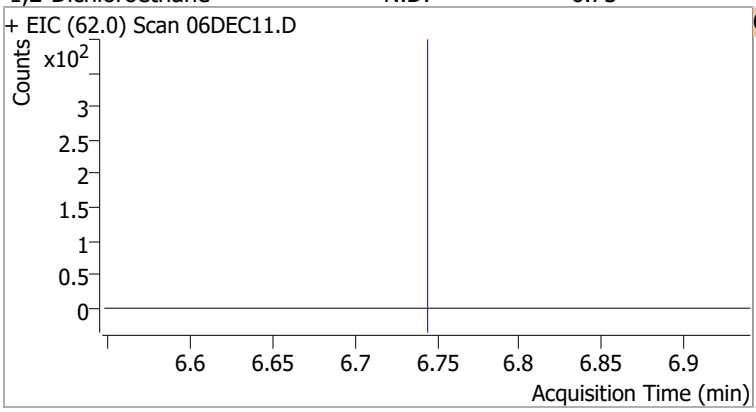


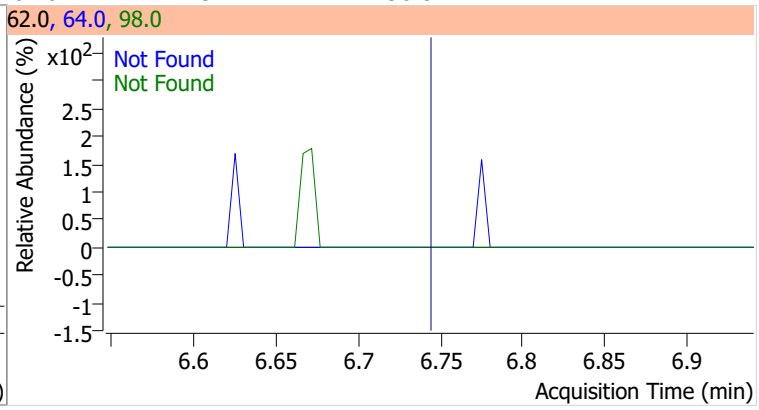
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.68	77.0	23.6



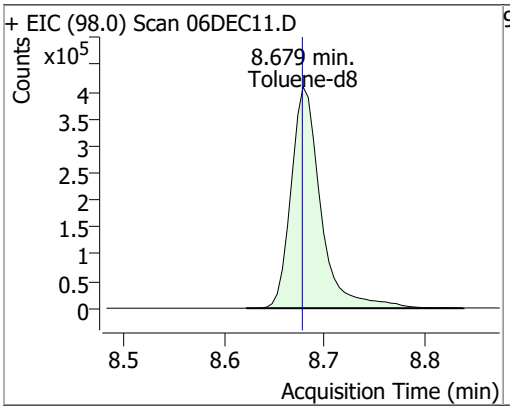


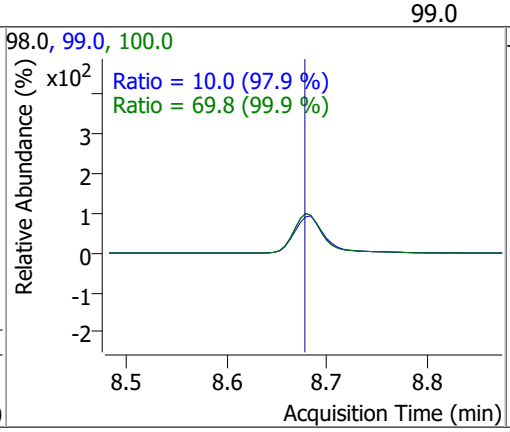
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

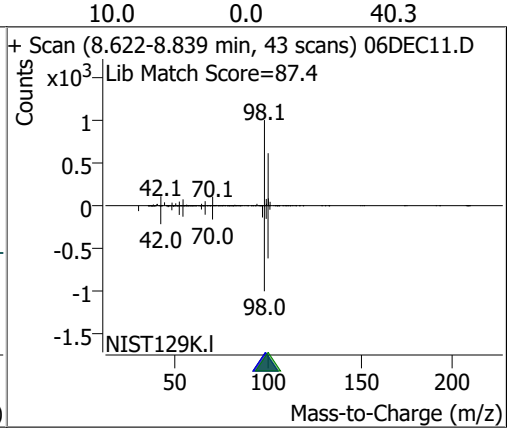




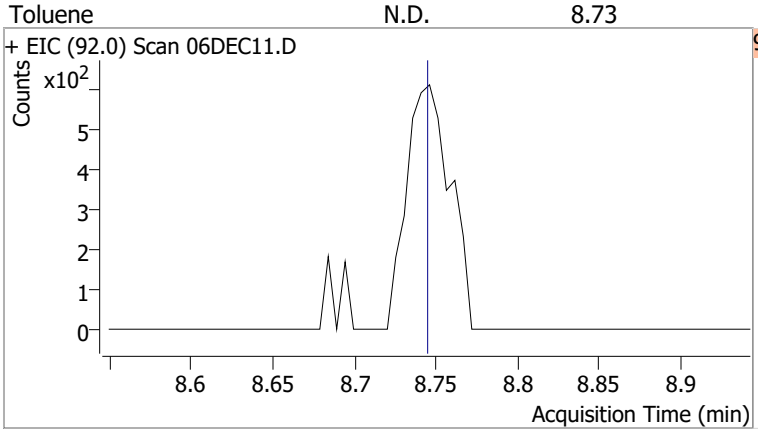
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	233.3380	8.68	0.01	845471	100.0	69.8	39.9	99.9
					99.0	10.0	0.0	40.3

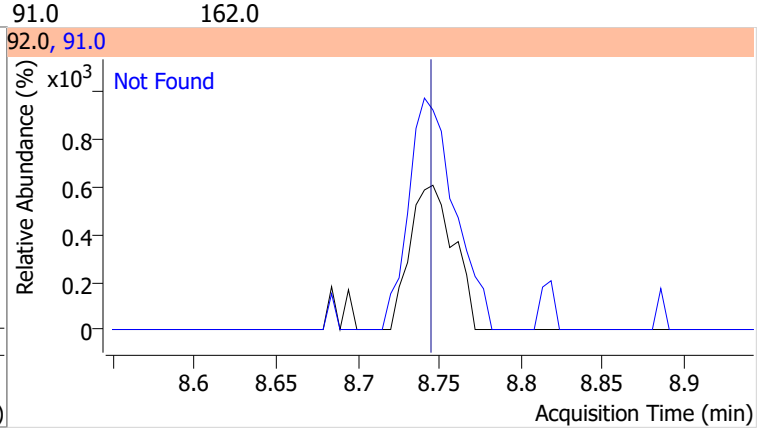




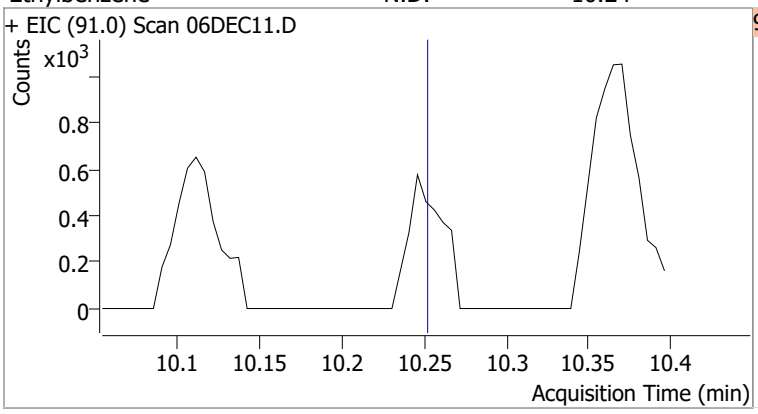


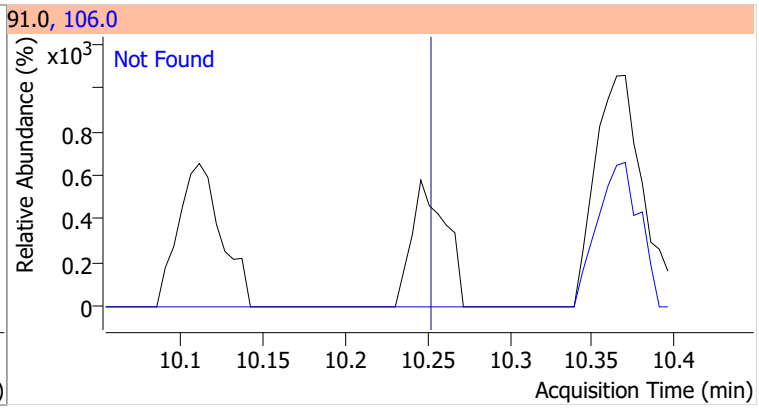
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.73	91.0	162.0



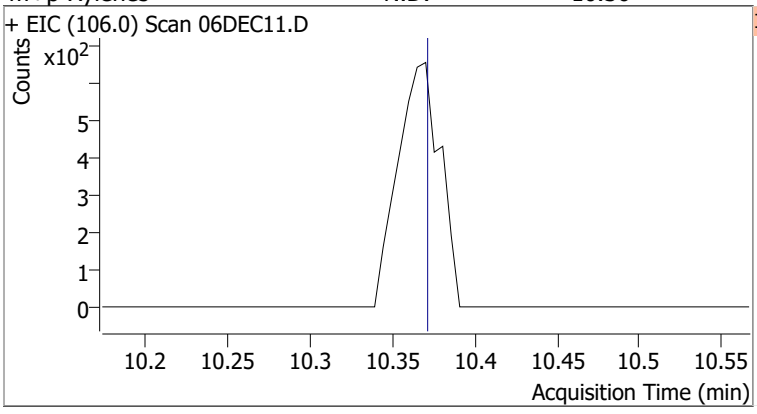


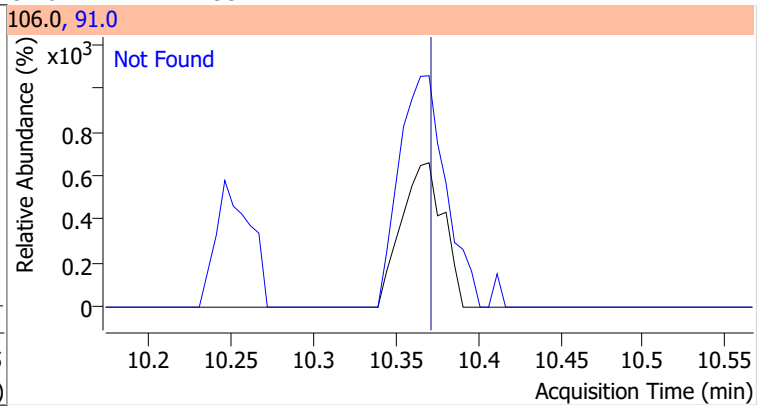
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	10.24	106.0	30.4



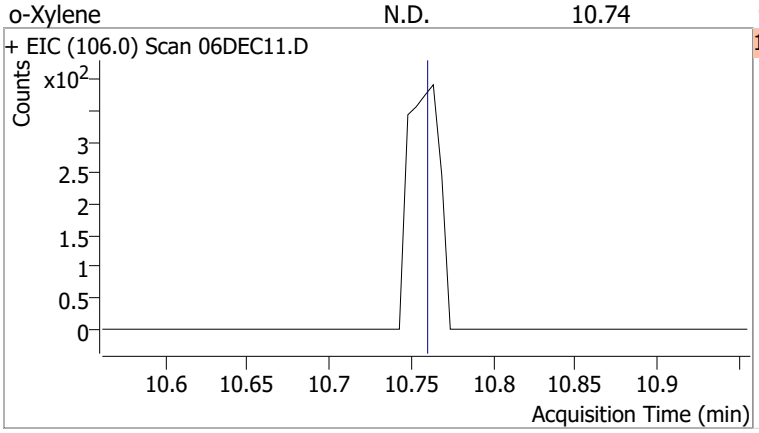


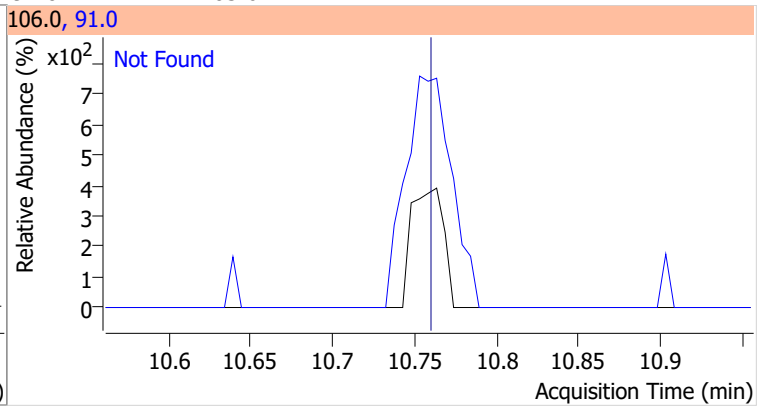
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.36	91.0	193.7



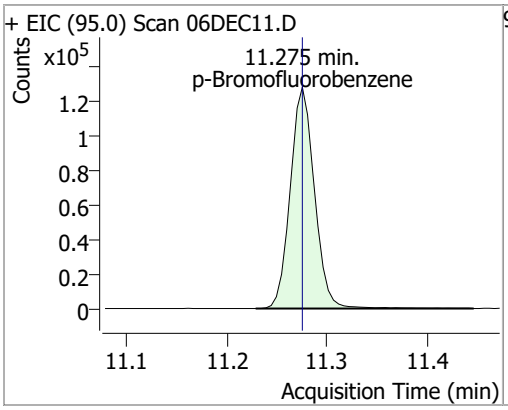


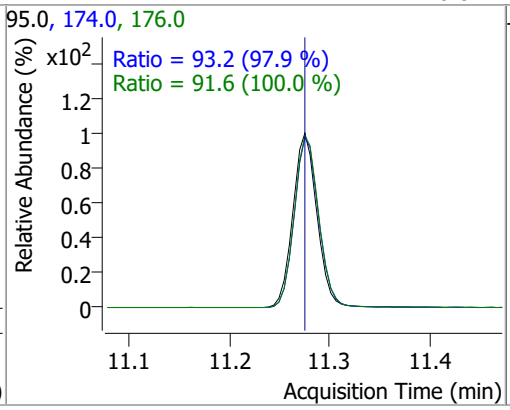
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.74	91.0	203.6

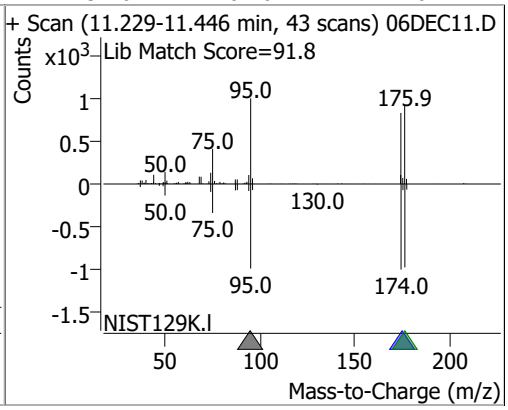




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	253.9725	11.28	0.01	215819	174.0	93.2	65.3	125.3
					176.0	91.6	61.6	121.6

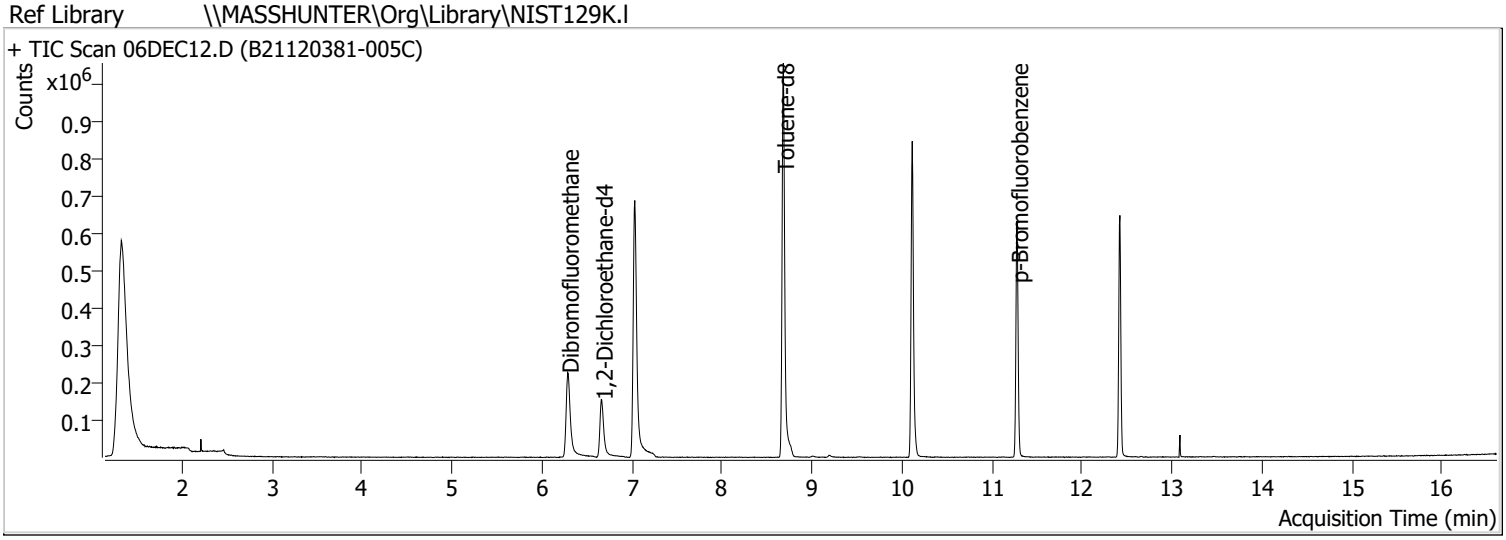






Quantitation Results Report (QT Reviewed)

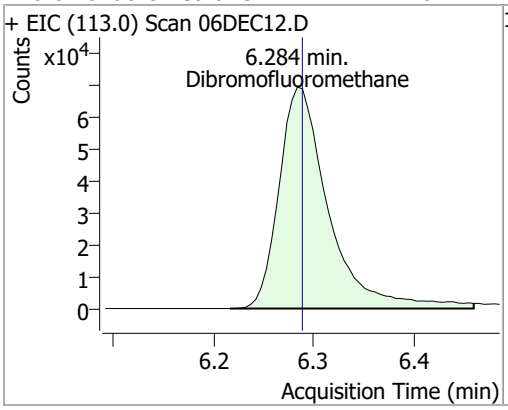
Data File	06DEC12.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/6/2021 4:25:00 PM
Sample Name	B21120381-005C	Instrument	GC/MS Ins
Vial	12	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120621_8260B_624pt1.batch.bin	Last Calib Update	12/8/2021 2:46:49 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

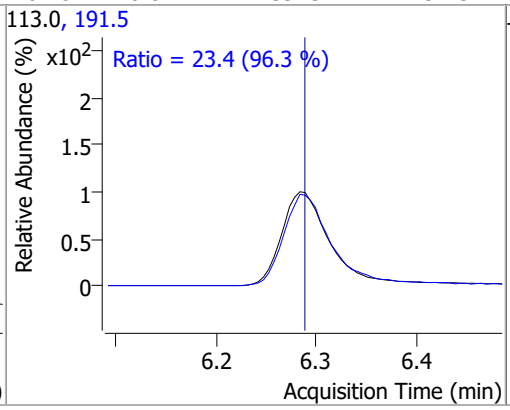


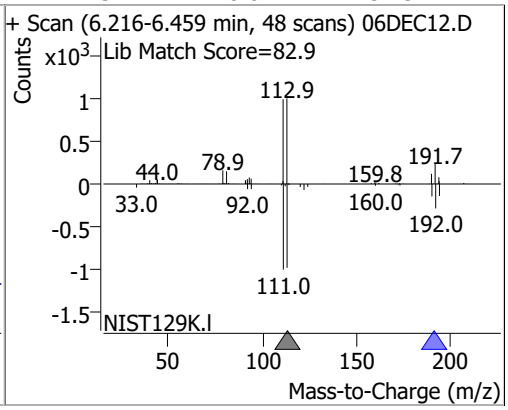
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.028	96.0	973088	250.0000	ng	0.015
M Chlorobenzene-d5	10.112	82.0	297127	250.0000	ng	0.015
M 1,4-Dichlorobenzene-d4	12.419	152.0	188305	250.0000	ng	0.015
System Monitoring Compounds						
S Dibromofluoromethane	6.284	113.0	239232	246.4271	ng	0.009
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 98.57%		
S 1,2-Dichloroethane-d4	6.661	67.0	86564	232.6292	ng	0.015
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 93.05%		
S Toluene-d8	8.679	98.0	858206	235.0702	ng	0.015
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 94.03%		
S p-Bromofluorobenzene	11.275	95.0	222716	255.0573	ng	0.015
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 102.02%		
Target Compounds						**QValue**
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Toluene	0.000		0	N.D.		
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	0.000		0	N.D.		
T o-Xylene	0.000		0	N.D.		

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

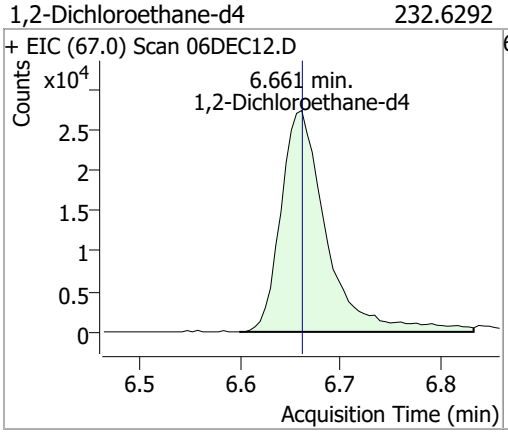
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	246.4271	6.28	0.01	239232	191.5	23.4	0.0	54.3

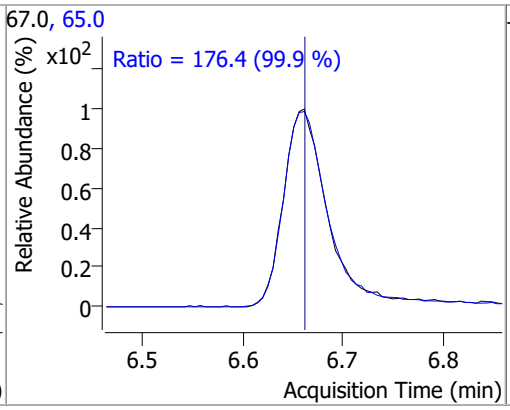


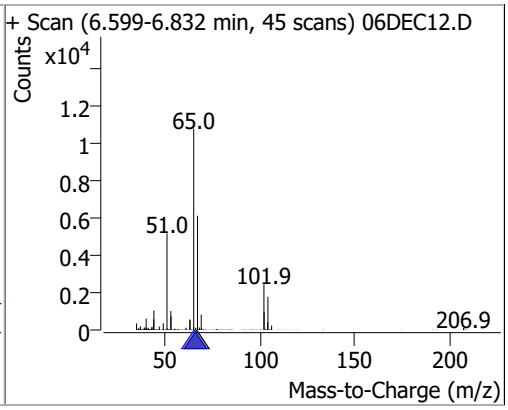




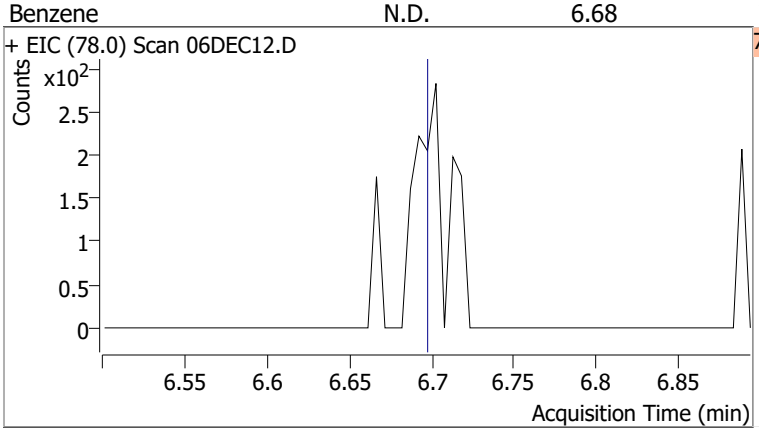
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	232.6292	6.66	0.01	86564	65.0	176.4	146.6	206.6

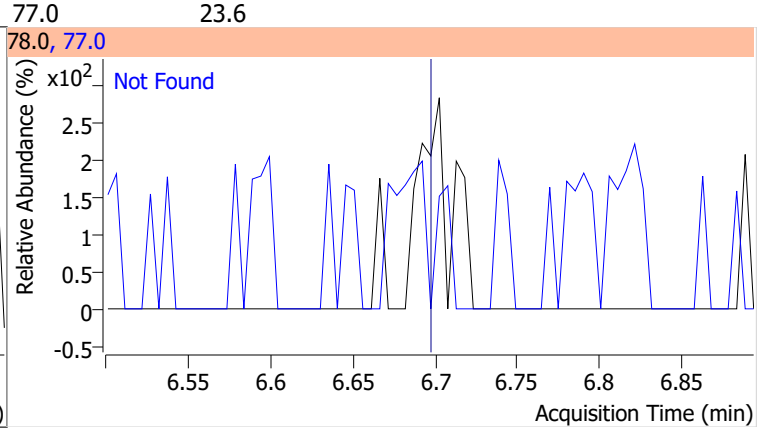




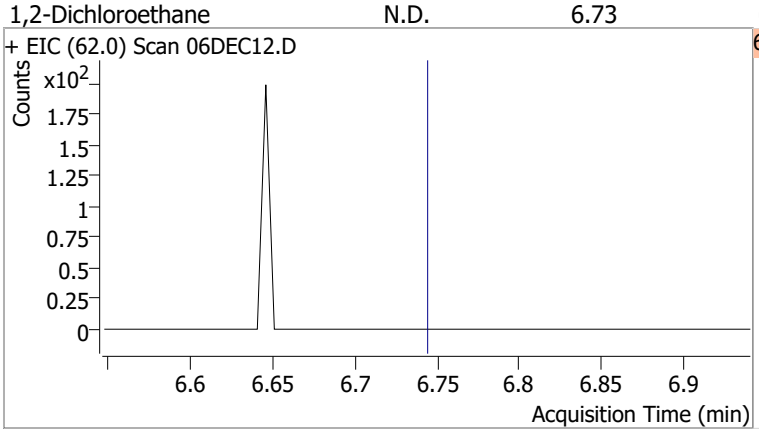


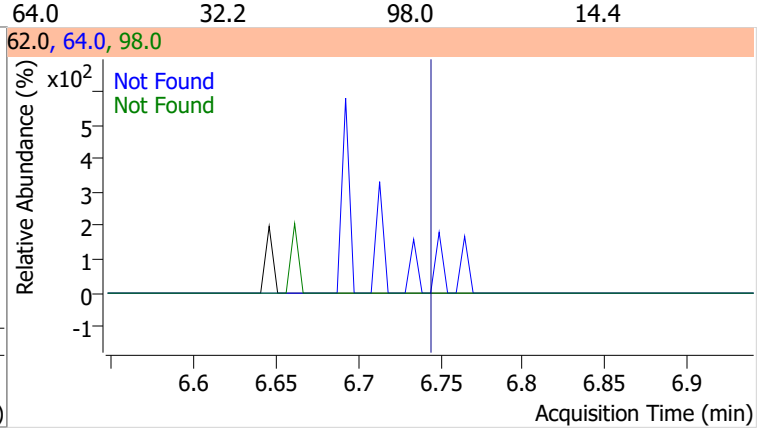
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.68	77.0	23.6



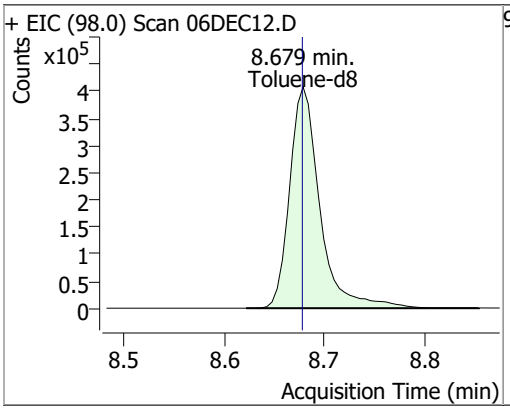


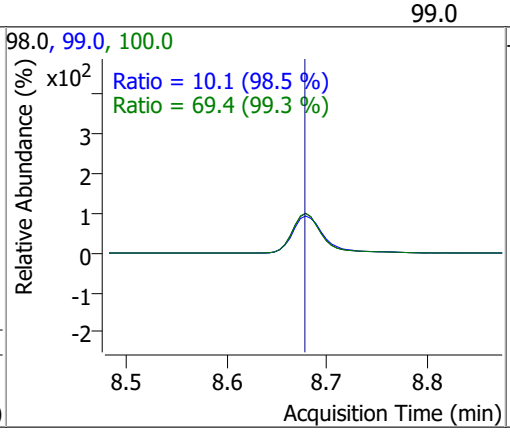
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

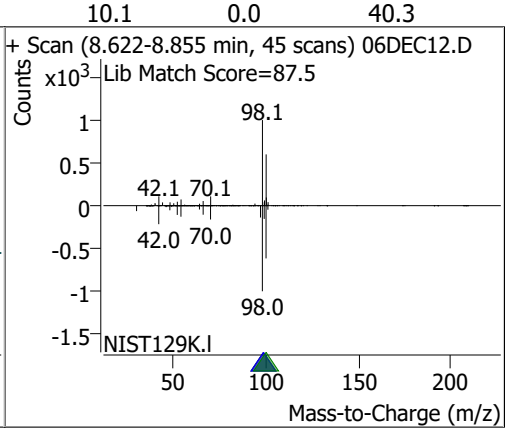




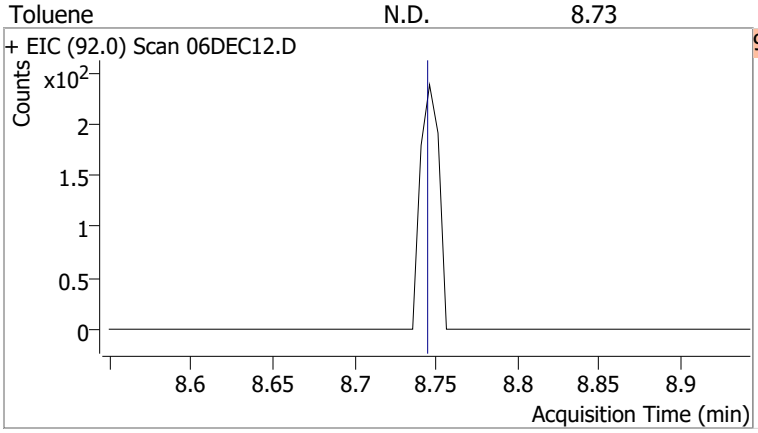
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	235.0702	8.68	0.01	858206	100.0	69.4	39.9	99.9
					99.0	10.1	0.0	40.3

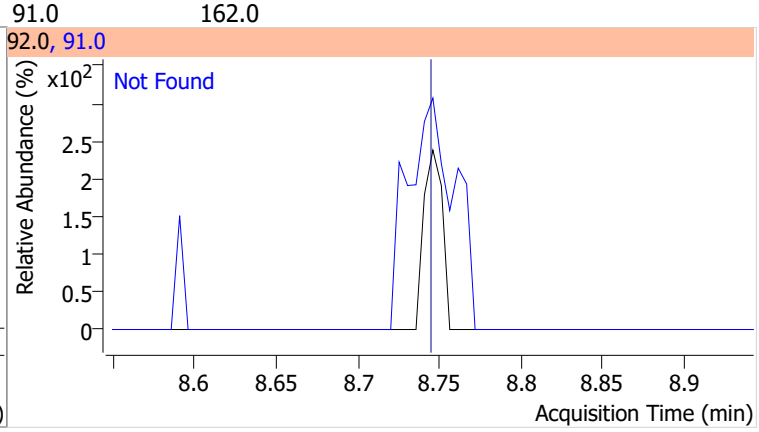




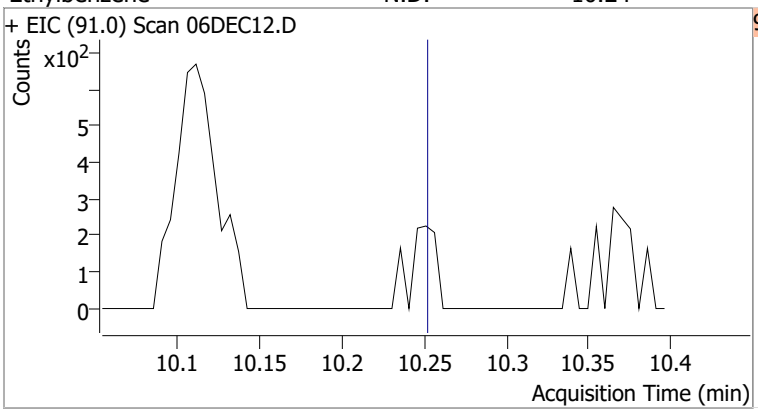


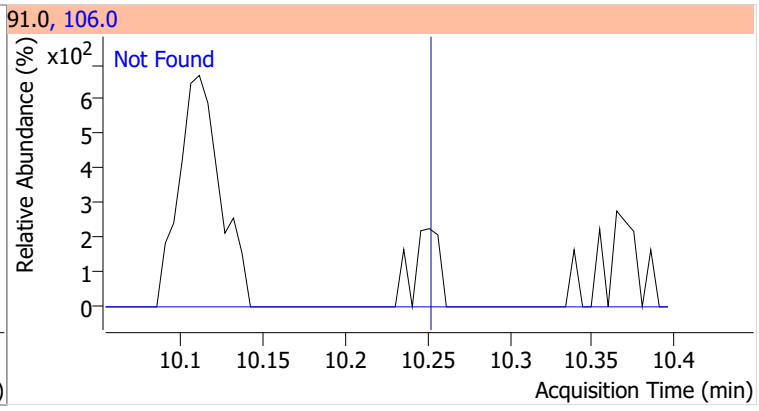
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.73	91.0	162.0



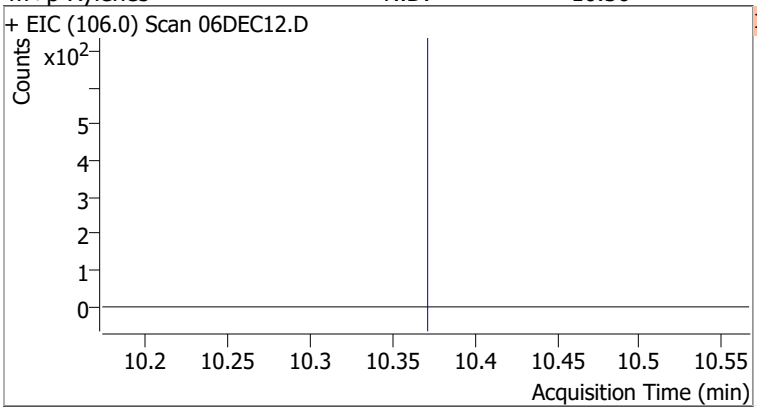


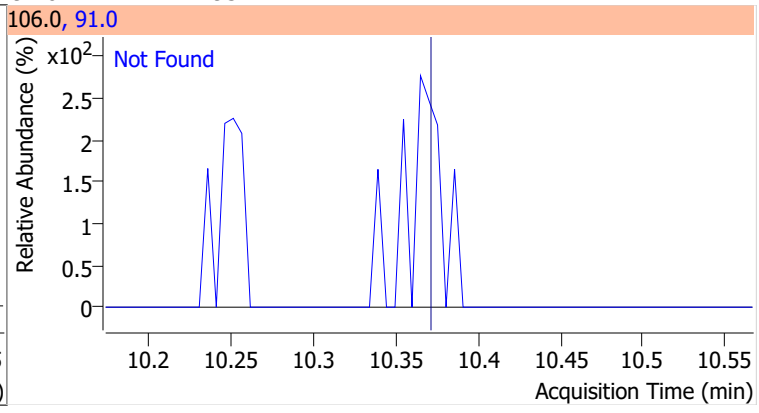
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	10.24	106.0	30.4



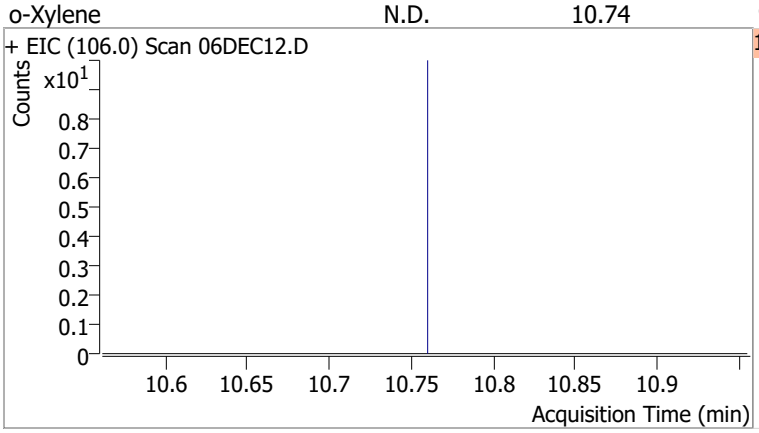


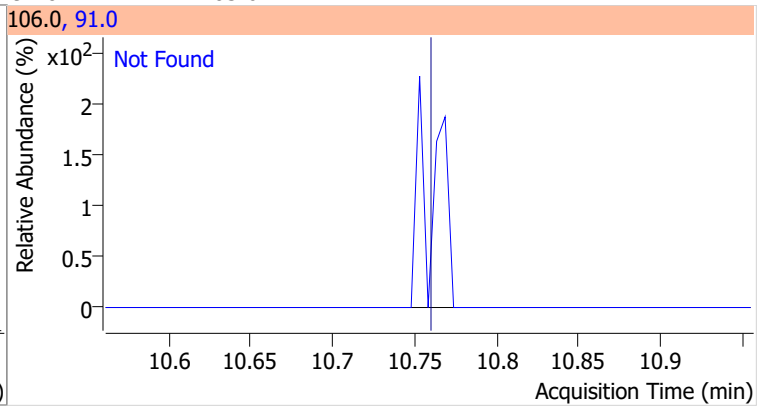
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.36	91.0	193.7



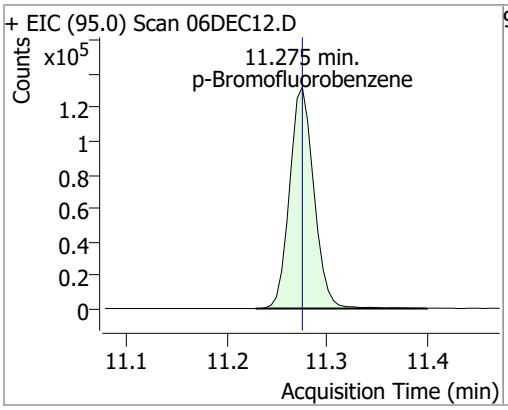


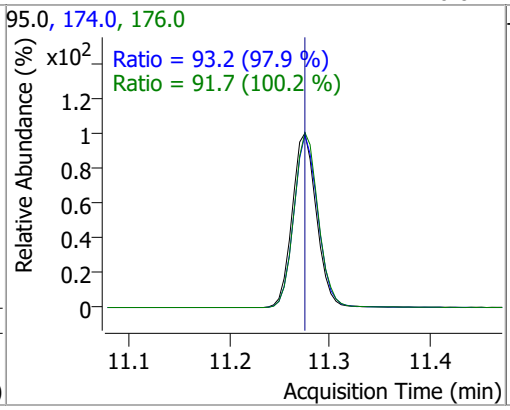
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.74	91.0	203.6

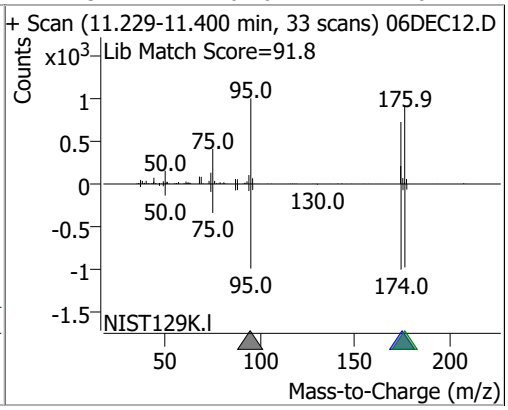




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	255.0573	11.28	0.01	222716	174.0	93.2	65.3	125.3
					176.0	91.7	61.6	121.6

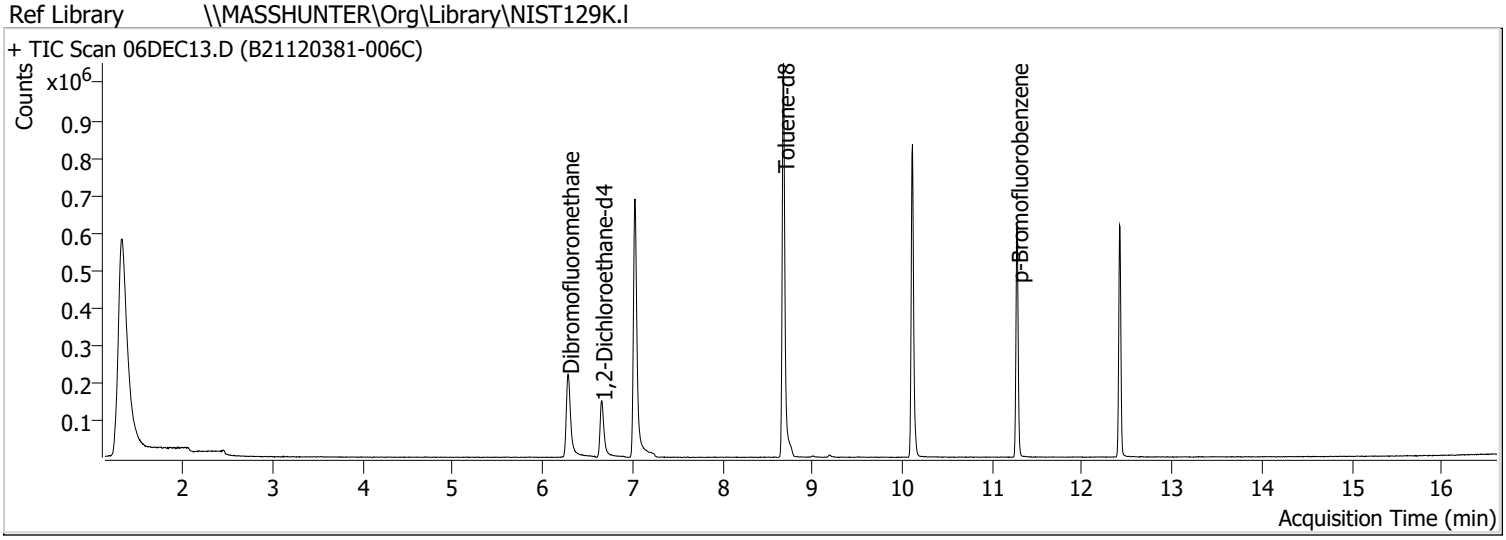






Quantitation Results Report (QT Reviewed)

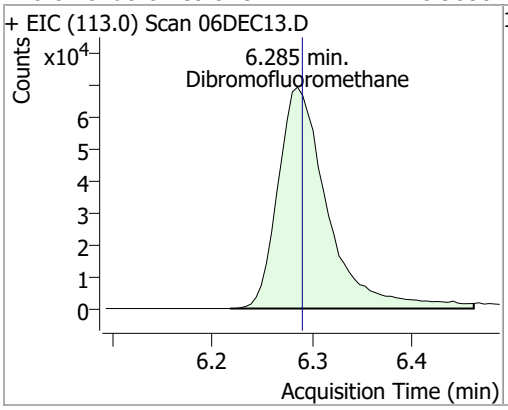
Data File	06DEC13.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/6/2021 4:50:00 PM
Sample Name	B21120381-006C	Instrument	GC/MS Ins
Vial	13	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120621_8260B_624pt1.batch.bin	Last Calib Update	12/8/2021 2:46:49 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

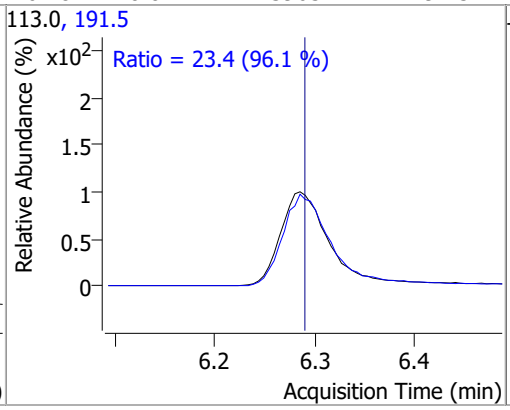


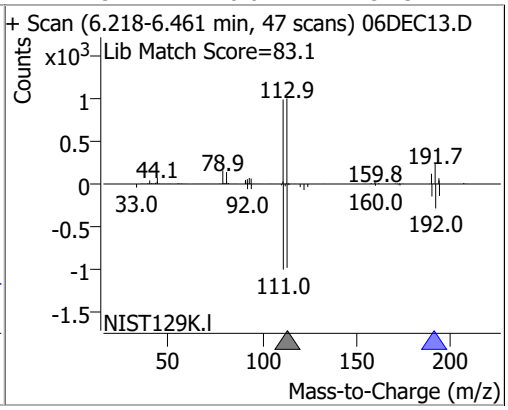
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.030	96.0	965109	250.0000	ng	0.016
M Chlorobenzene-d5	10.113	82.0	295249	250.0000	ng	0.016
M 1,4-Dichlorobenzene-d4	12.420	152.0	186760	250.0000	ng	0.016
System Monitoring Compounds						
S Dibromofluoromethane	6.285	113.0	239657	248.9058	ng	0.011
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 99.56%		
S 1,2-Dichloroethane-d4	6.657	67.0	86172	233.4903	ng	0.011
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 93.40%		
S Toluene-d8	8.680	98.0	857689	236.4229	ng	0.016
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 94.57%		
S p-Bromofluorobenzene	11.277	95.0	217692	251.3661	ng	0.016
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 100.55%		
Target Compounds						**QValue**
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Toluene	0.000		0	N.D.		
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	0.000		0	N.D.		
T o-Xylene	0.000		0	N.D.		

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

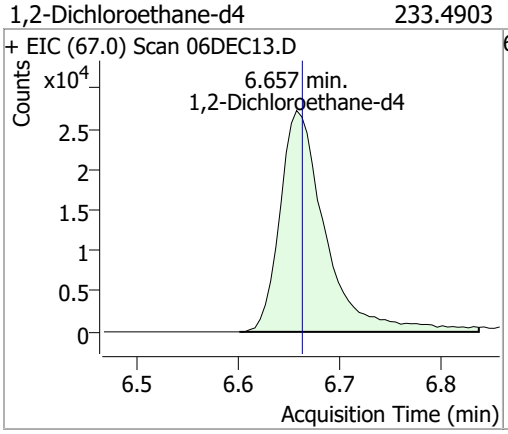
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	248.9058	6.28	0.01	239657	191.5	23.4	0.0	54.3

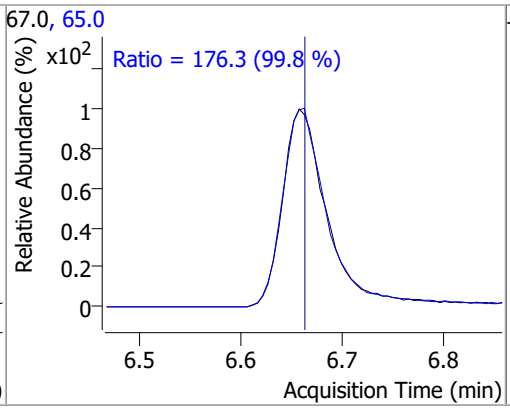


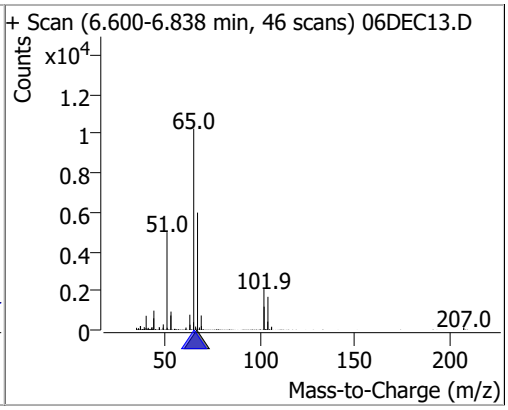




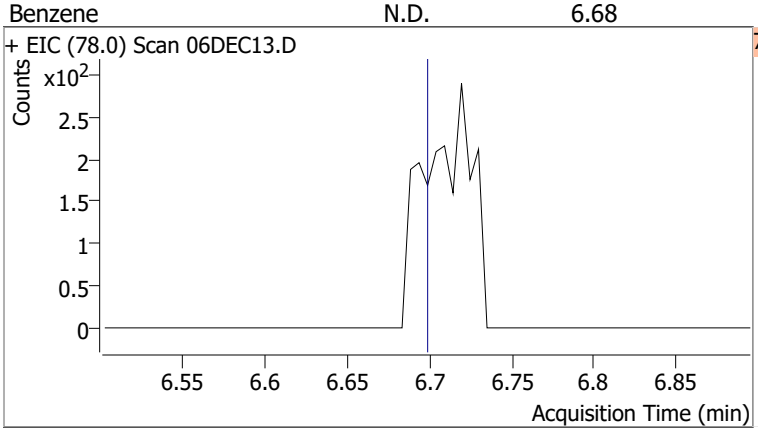
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	233.4903	6.66	0.01	86172	65.0	176.3	146.6	206.6

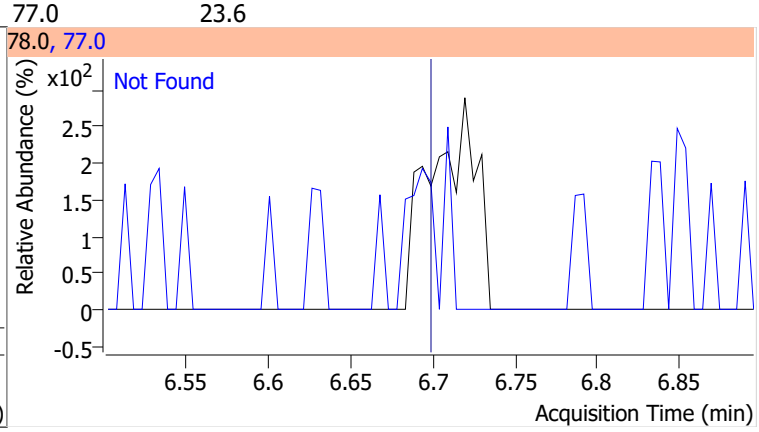




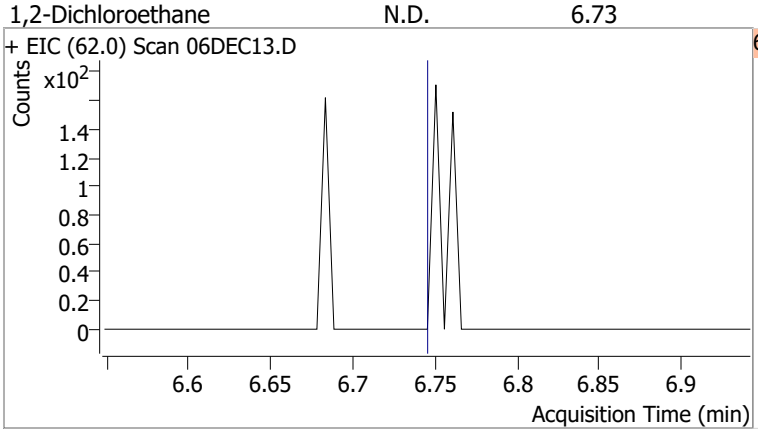


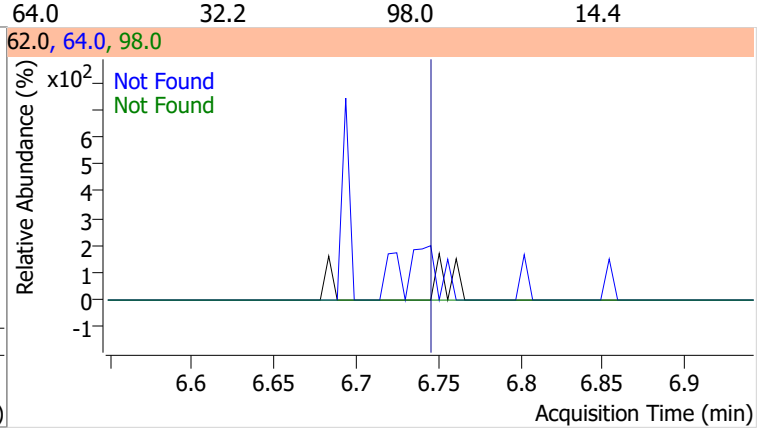
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.68	77.0	23.6



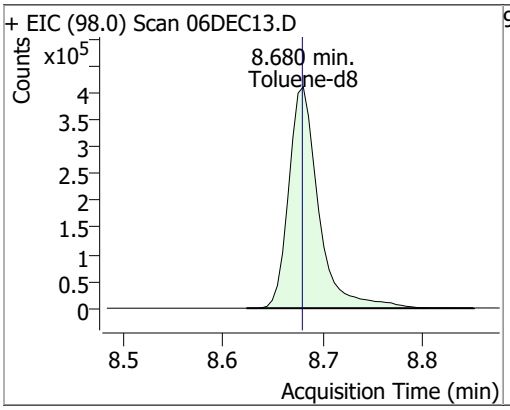


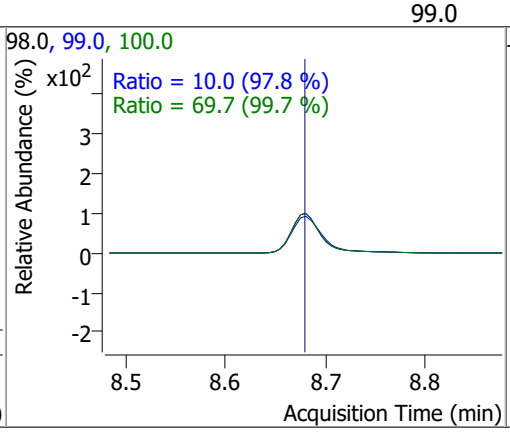
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

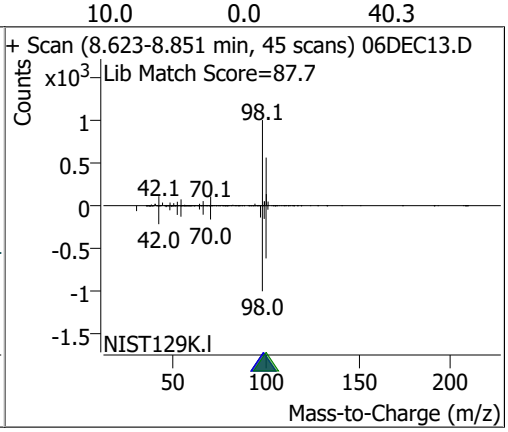




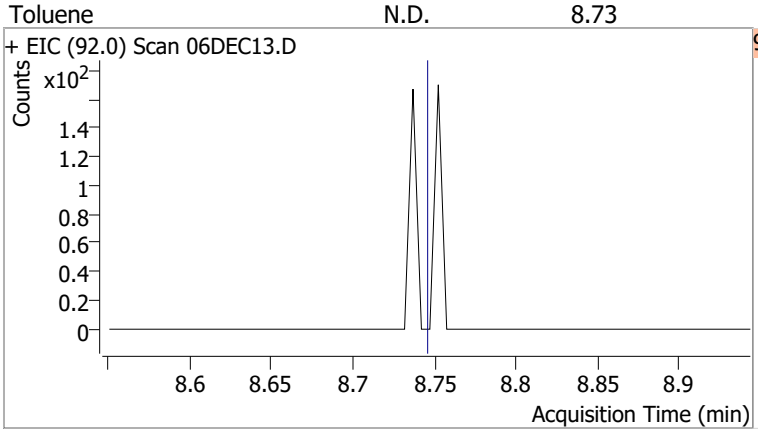
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	236.4229	8.68	0.02	857689	100.0	69.7	39.9	99.9
					99.0	10.0	0.0	40.3

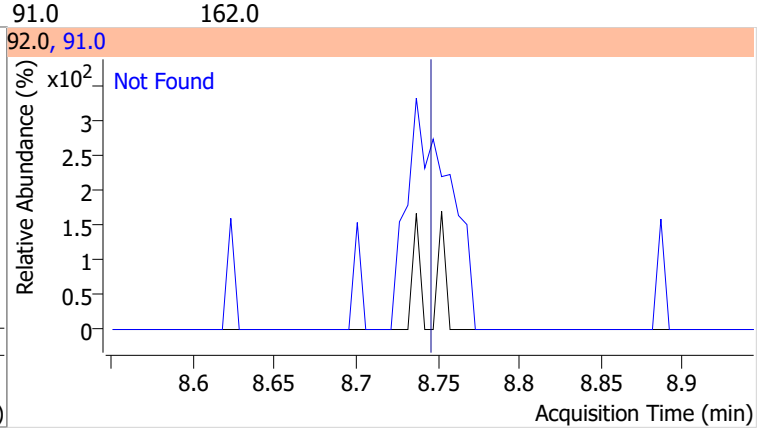




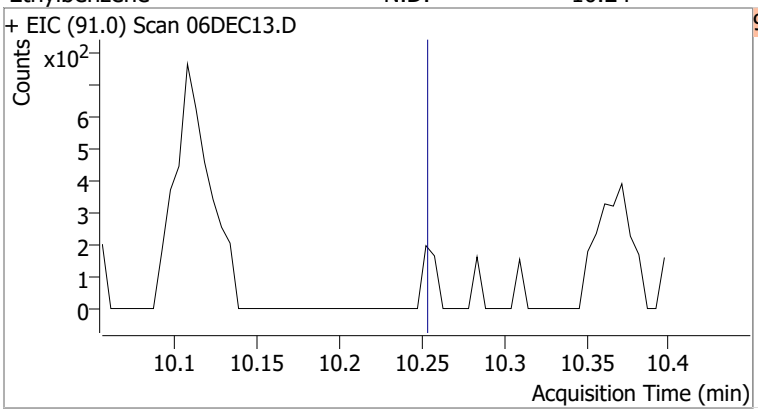


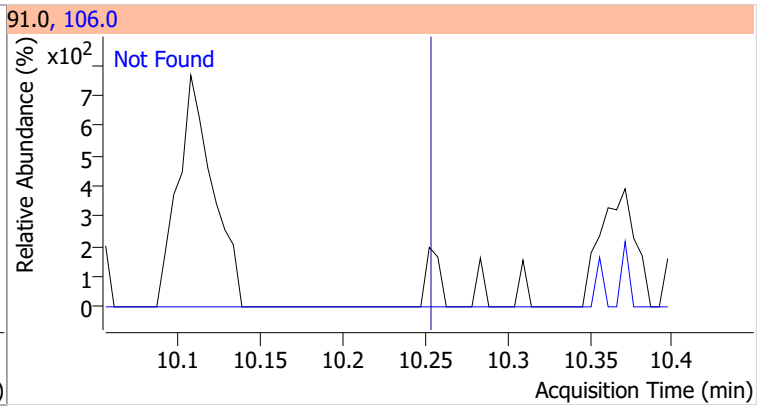
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.73	91.0	162.0



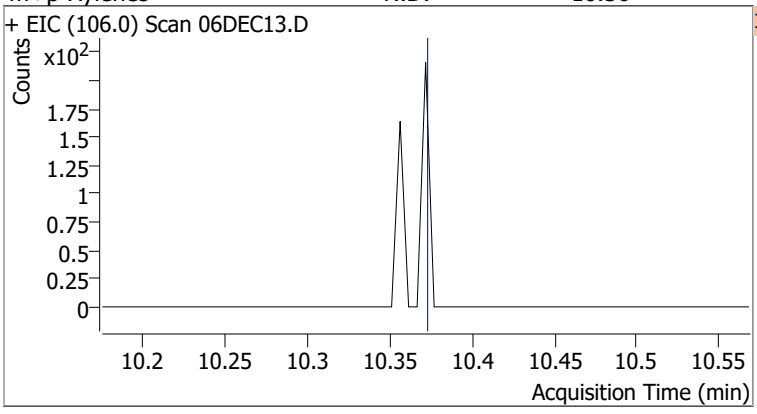


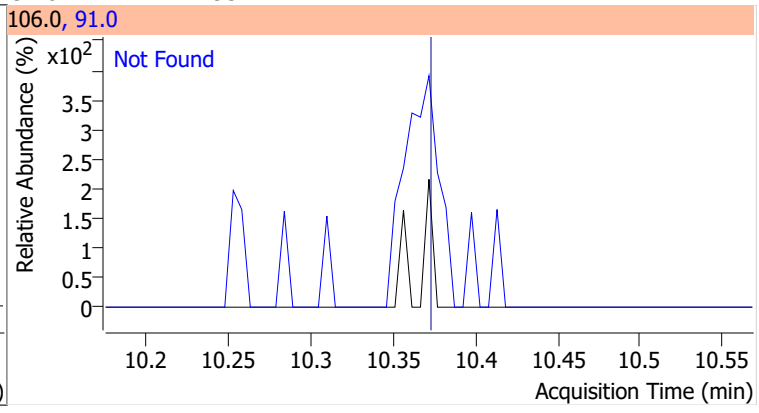
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	10.24	106.0	30.4



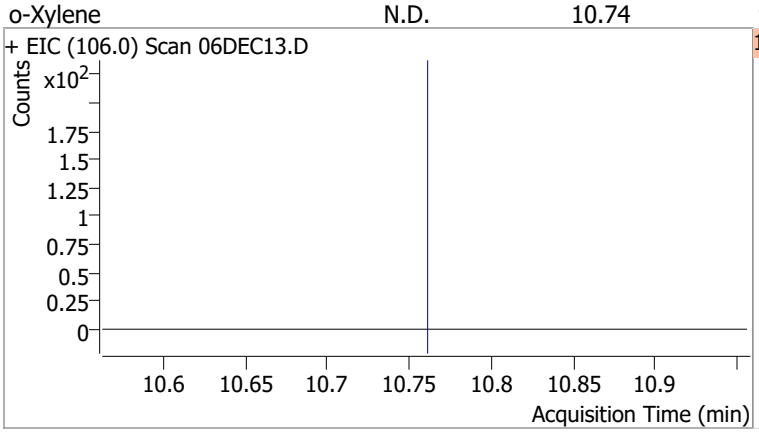


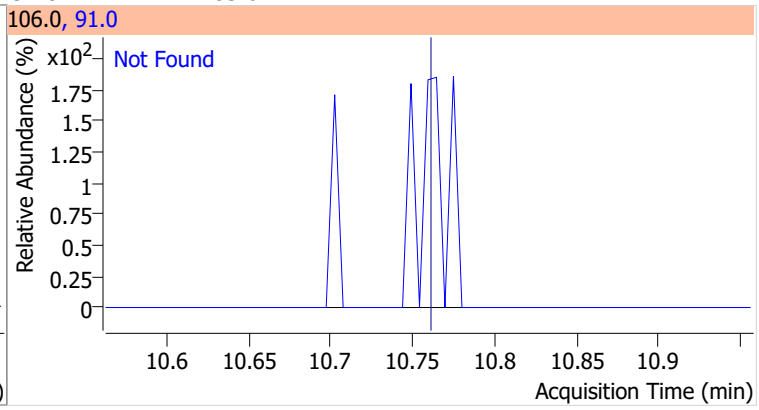
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.36	91.0	193.7



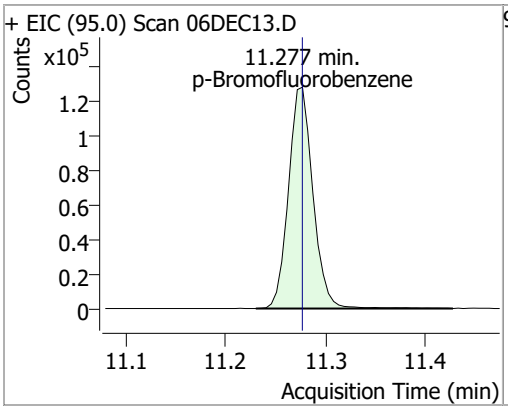


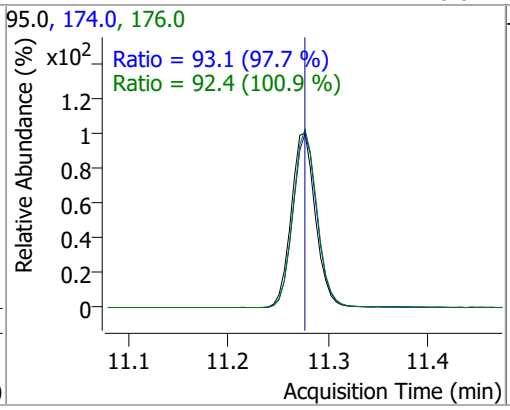
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.74	91.0	203.6

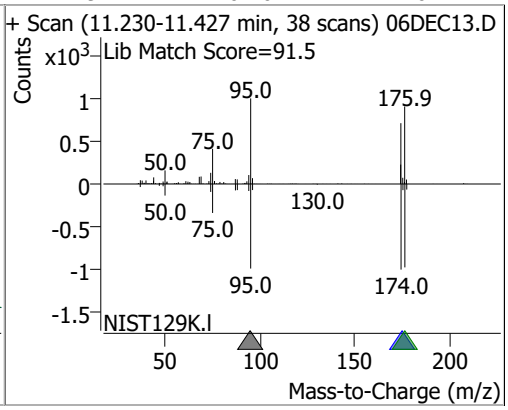




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	251.3661	11.28	0.02	217692	174.0	93.1	65.3	125.3
					176.0	92.4	61.6	121.6

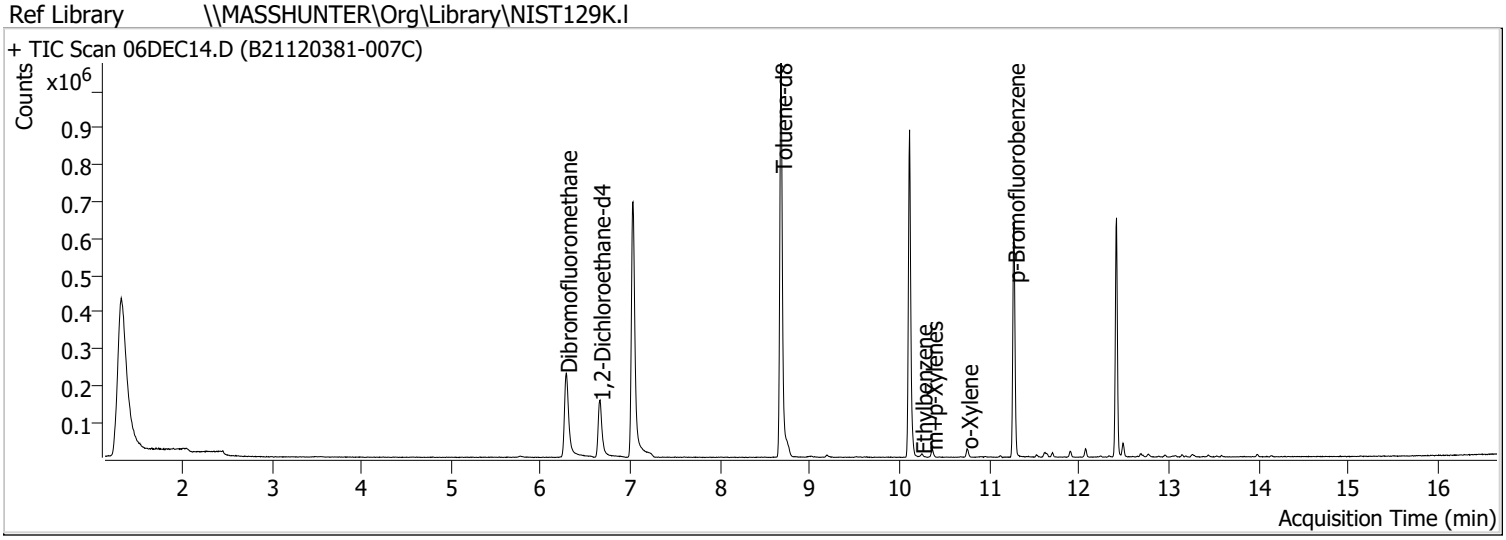






Quantitation Results Report (QT Reviewed)

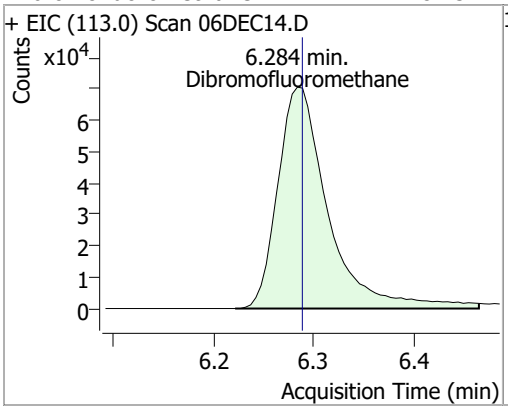
Data File	06DEC14.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/6/2021 5:15:00 PM
Sample Name	B21120381-007C	Instrument	GC/MS Ins
Vial	14	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120621_8260B_624pt1.batch.bin	Last Calib Update	12/8/2021 2:46:49 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

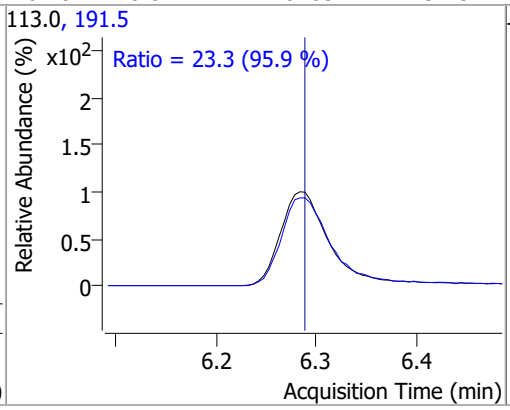


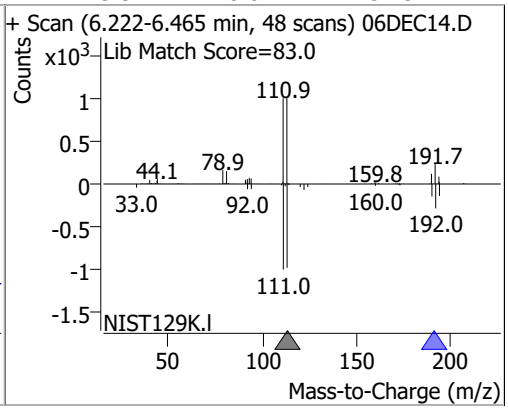
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	7.029	96.0	994409	250.0000	ng		0.015
M Chlorobenzene-d5	10.112	82.0	304269	250.0000	ng		0.015
M 1,4-Dichlorobenzene-d4	12.419	152.0	189429	250.0000	ng		0.015
System Monitoring Compounds							
S Dibromofluoromethane	6.284	113.0	246483	248.4524	ng		0.010
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 99.38%			
S 1,2-Dichloroethane-d4	6.656	67.0	89299	234.8338	ng		0.010
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 93.93%			
S Toluene-d8	8.679	98.0	877454	234.7009	ng		0.015
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 93.88%			
S p-Bromofluorobenzene	11.275	95.0	224291	255.3369	ng		0.015
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 102.13%			
Target Compounds							**QValue**
T Benzene	0.000		0	N.D.			
T 1,2-Dichloroethane	0.000		0	N.D.			
T Toluene	8.741	92.0	0		ng	md	1
T Ethylbenzene	10.246	91.0	6537	1.5358	ng		44
T m+p-Xylenes	10.360	106.0	6130	3.8146	ng		92
T o-Xylene	10.753	106.0	6437	4.5308	ng		88

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

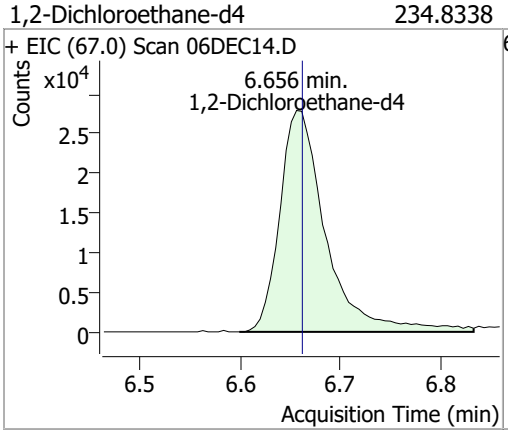
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	248.4524	6.28	0.01	246483	191.5	23.3	0.0	54.3

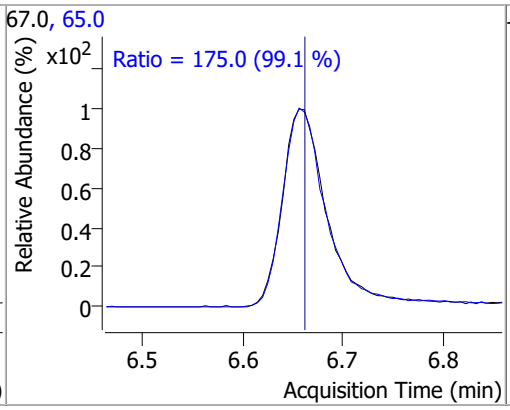


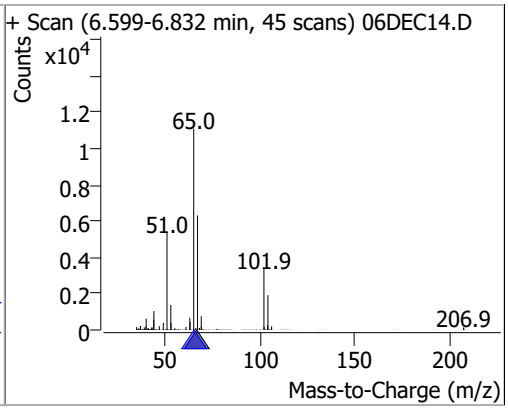




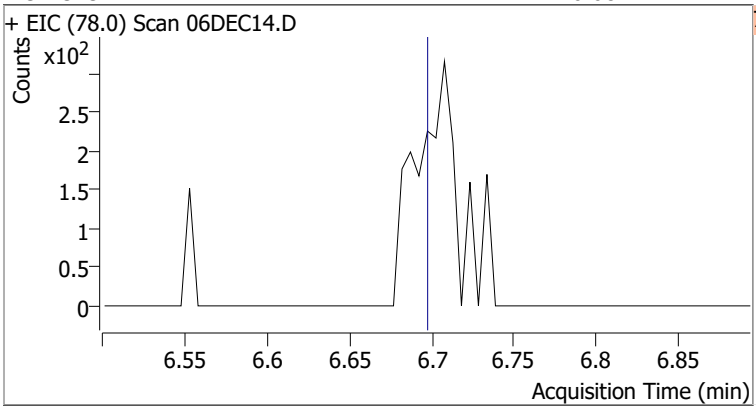
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	234.8338	6.66	0.01	89299	65.0	175.0	146.6	206.6

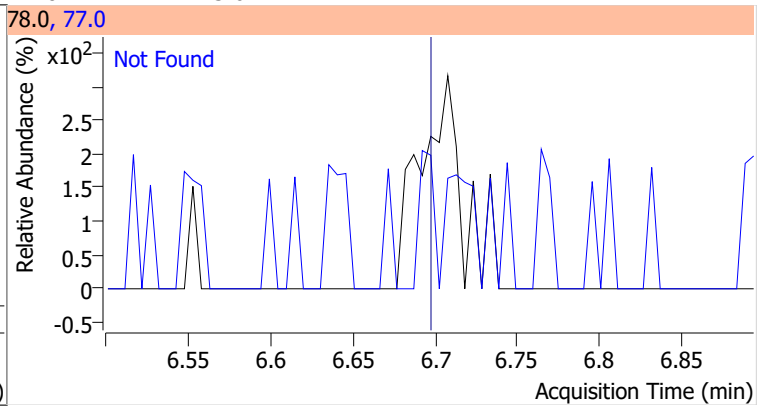




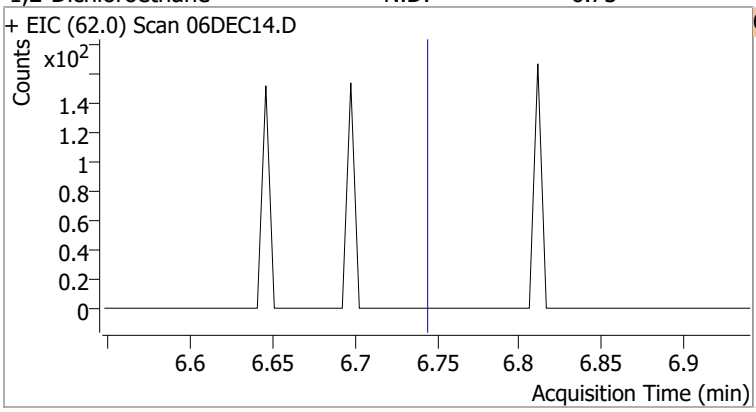


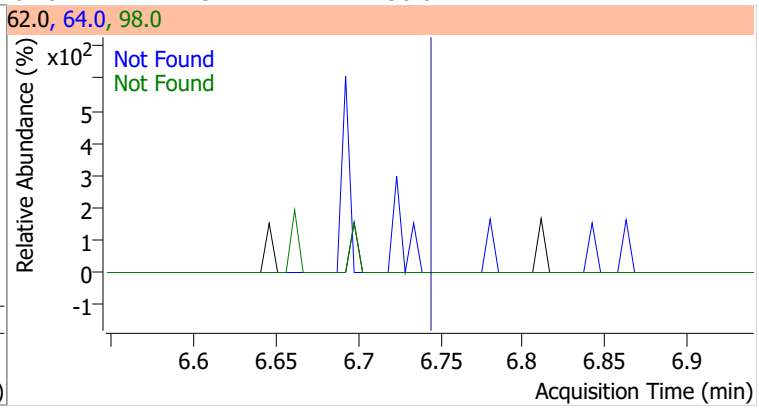
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.68	77.0	23.6



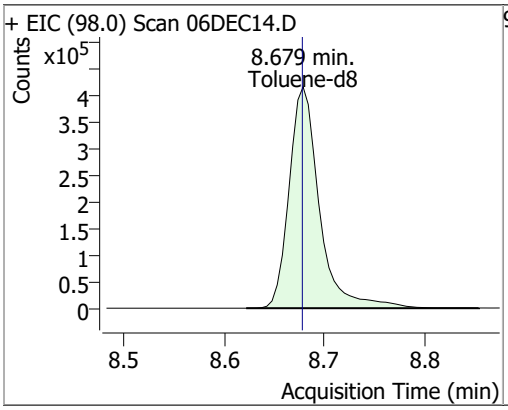


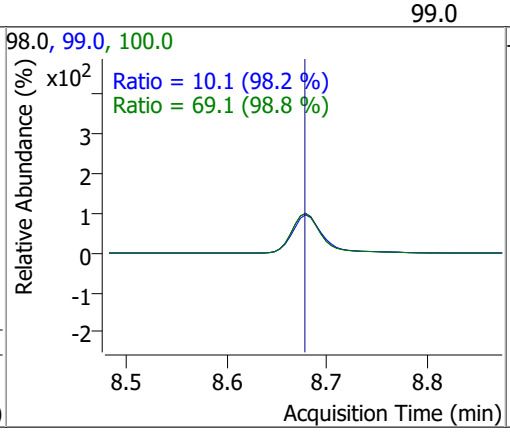
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

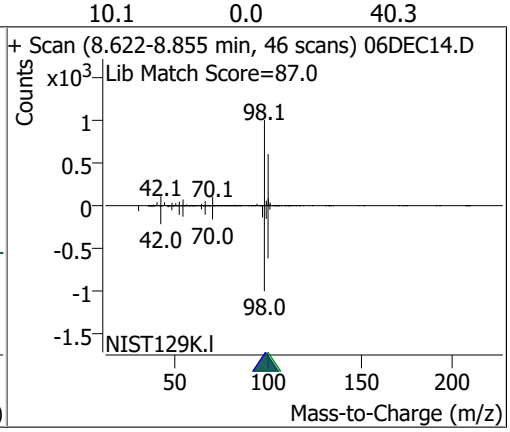




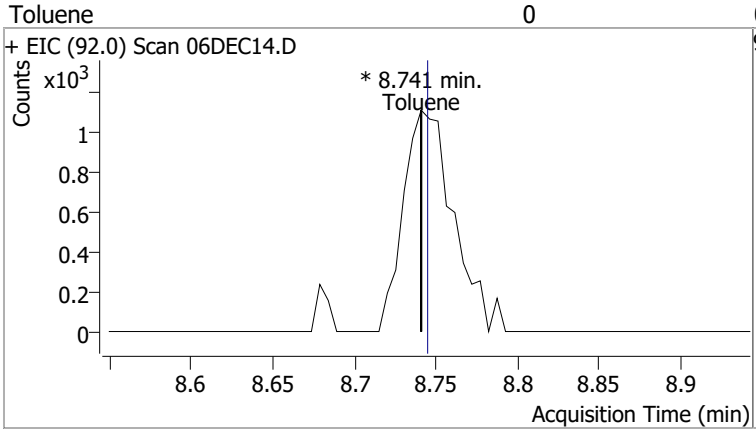
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	234.7009	8.68	0.01	877454	100.0	69.1	39.9	99.9
					99.0	10.1	0.0	40.3

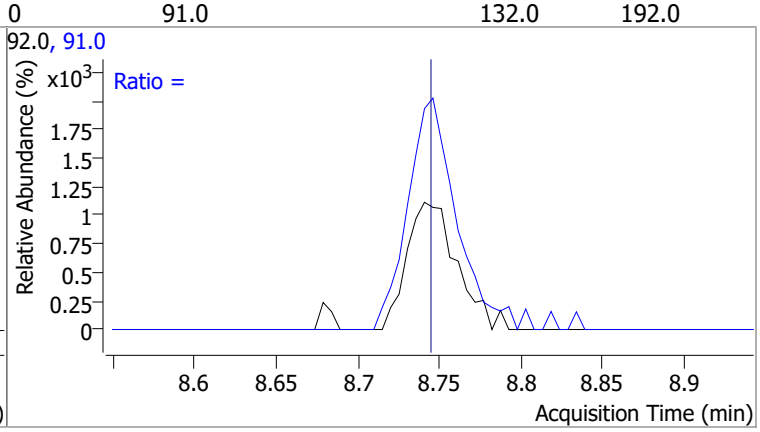




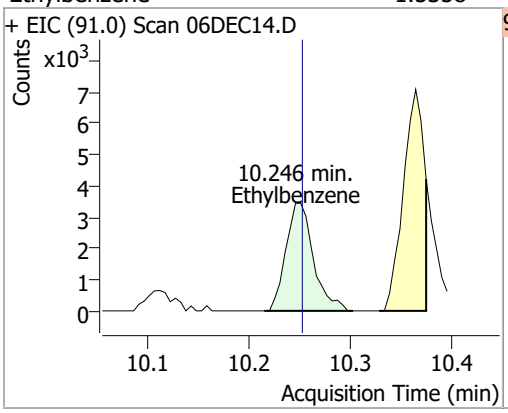


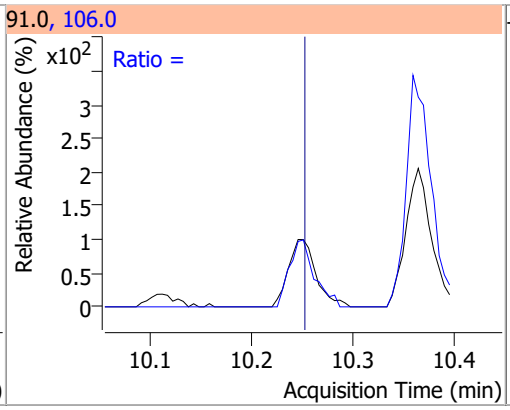
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene		0		0	91.0		132.0	192.0

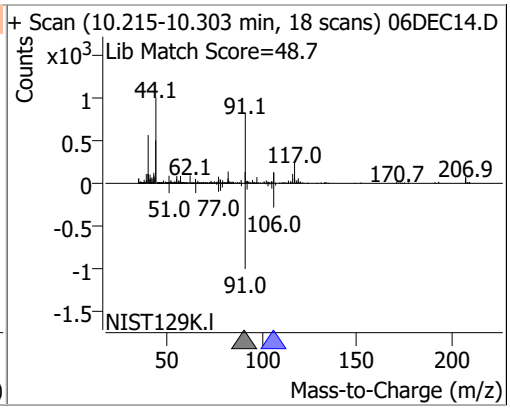




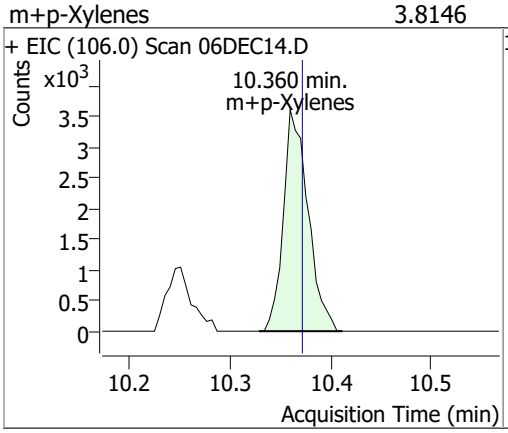
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	1.5358	10.25	0.01	6537	106.0		0.4	60.4

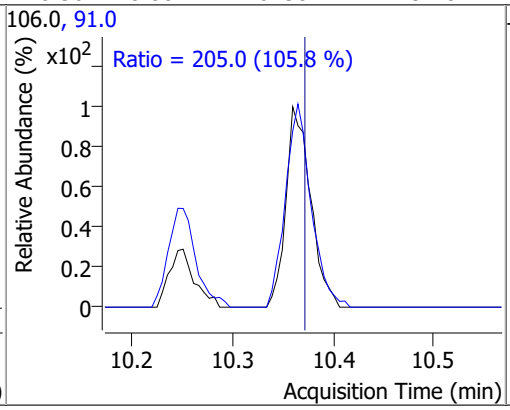


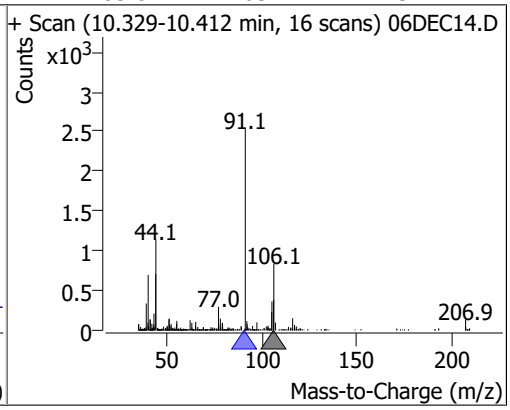




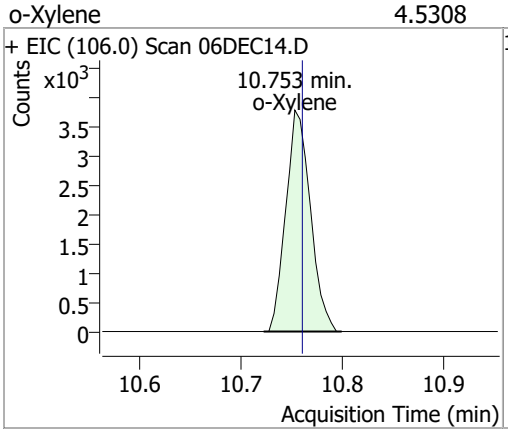
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	3.8146	10.36	0.00	6130	91.0	205.0	163.7	223.7

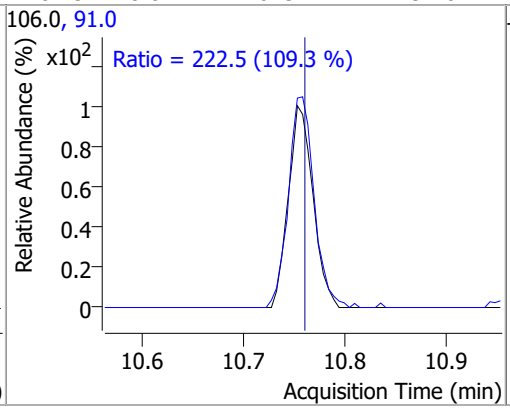


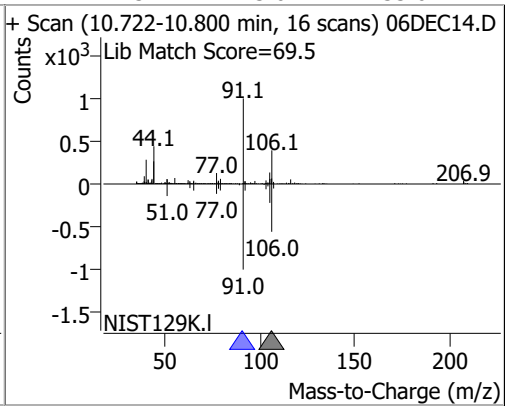




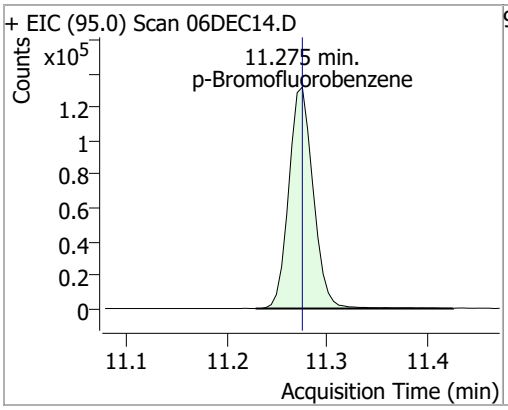
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	4.5308	10.75	0.01	6437	91.0	222.5	173.6	233.6

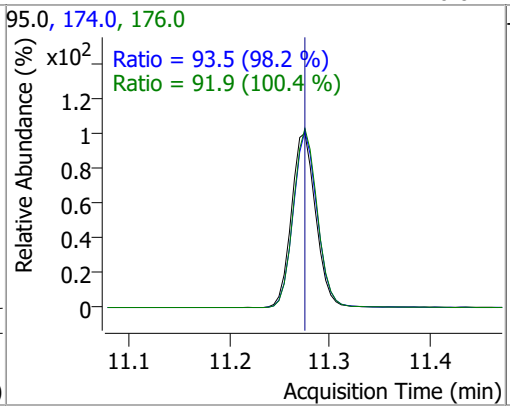


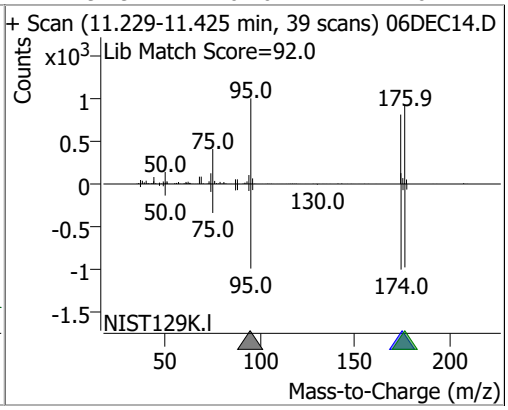




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	255.3369	11.28	0.01	224291	174.0	93.5	65.3	125.3
					176.0	91.9	61.6	121.6

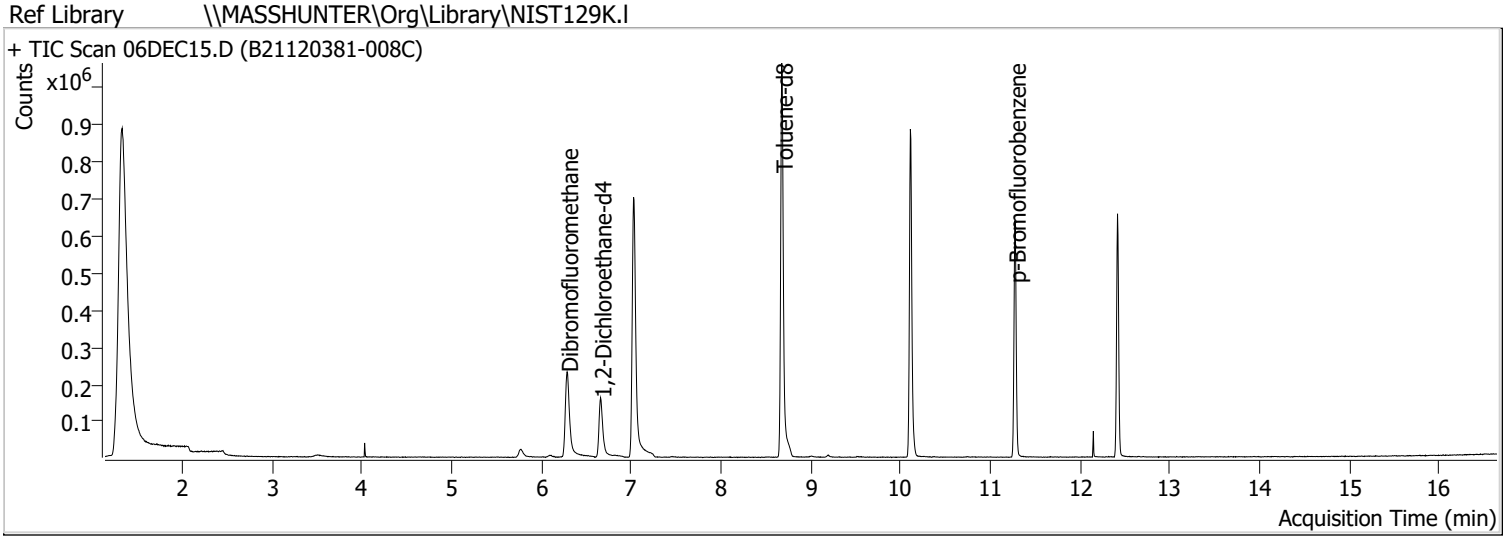






Quantitation Results Report (QT Reviewed)

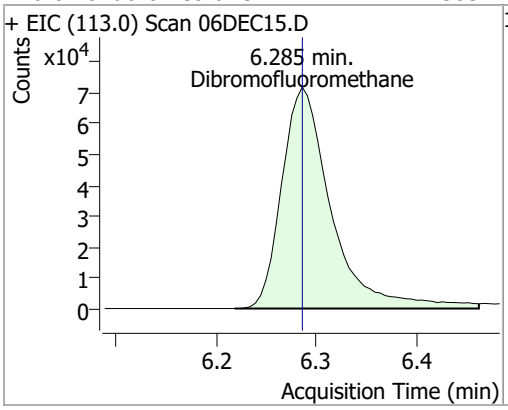
Data File	06DEC15.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/6/2021 5:40:00 PM
Sample Name	B21120381-008C	Instrument	GC/MS Ins
Vial	15	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120621_8260B_624pt1.batch.bin	Last Calib Update	12/8/2021 2:46:49 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

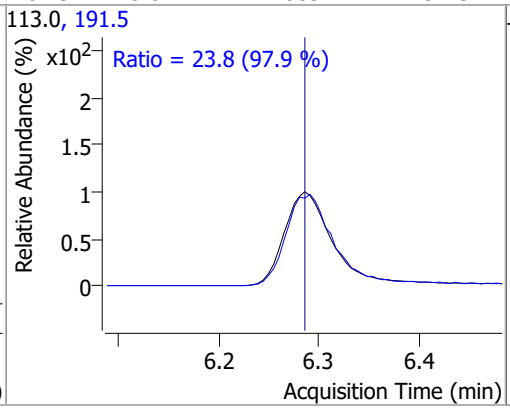


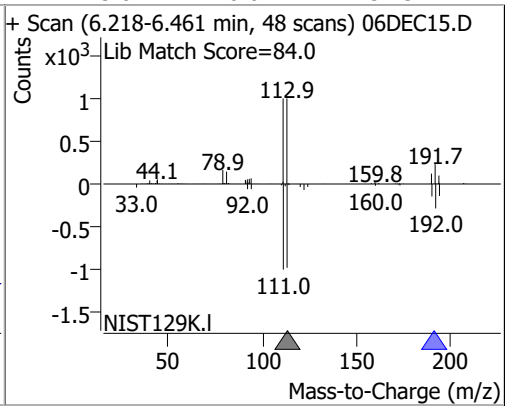
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.025	96.0	999556	250.0000	ng	0.011
M Chlorobenzene-d5	10.108	82.0	309660	250.0000	ng	0.011
M 1,4-Dichlorobenzene-d4	12.415	152.0	192336	250.0000	ng	0.011
System Monitoring Compounds						
S Dibromofluoromethane	6.285	113.0	246892	247.5832	ng	0.011
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 99.03%		
S 1,2-Dichloroethane-d4	6.658	67.0	89049	232.9705	ng	0.011
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 93.19%		
S Toluene-d8	8.675	98.0	881972	231.8024	ng	0.011
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 92.72%		
S p-Bromofluorobenzene	11.272	95.0	226451	253.8995	ng	0.011
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 101.56%		
Target Compounds						QValue
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Toluene	0.000		0	N.D.		
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	0.000		0	N.D.		
T o-Xylene	0.000		0	N.D.		

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

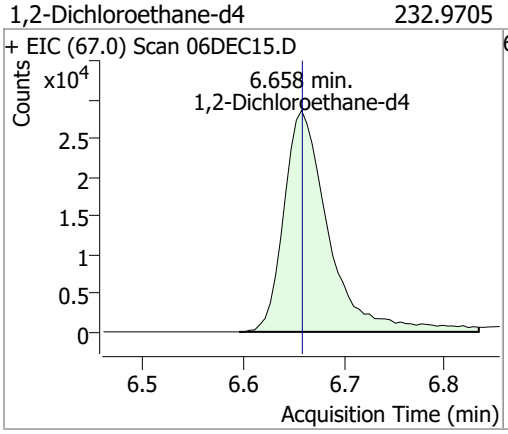
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	247.5832	6.29	0.01	246892	191.5	23.8	0.0	54.3

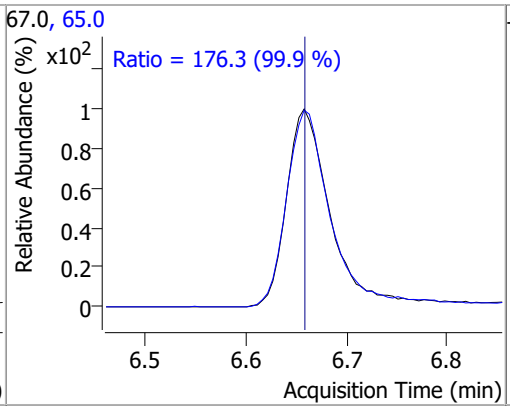


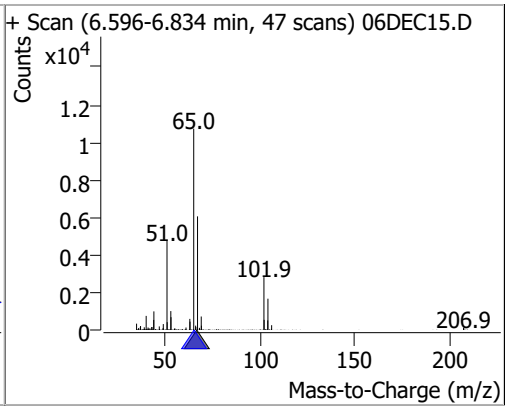




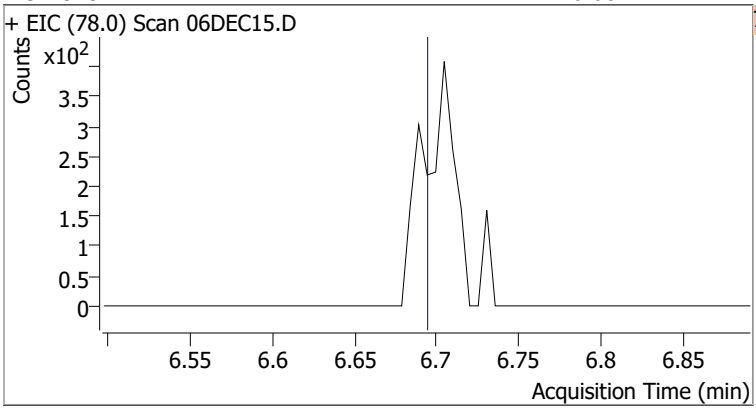
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	232.9705	6.66	0.01	89049	65.0	176.3	146.6	206.6

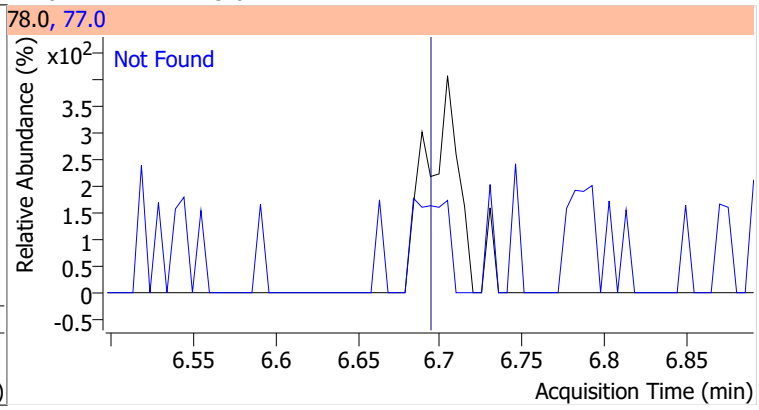




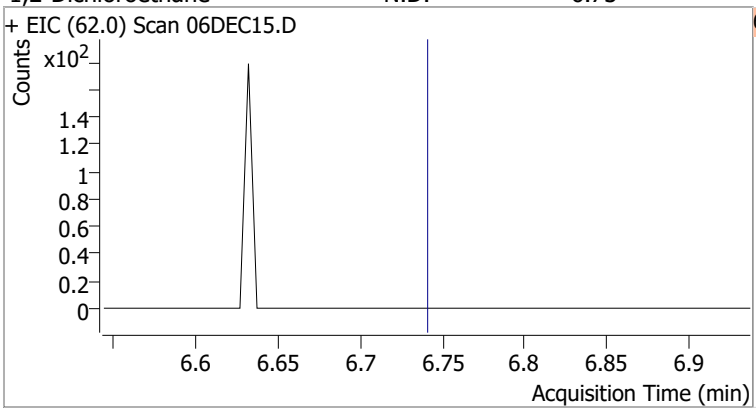


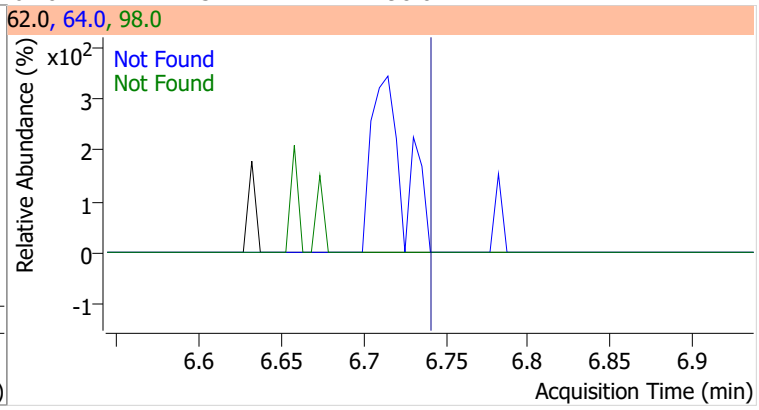
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.68	77.0	23.6



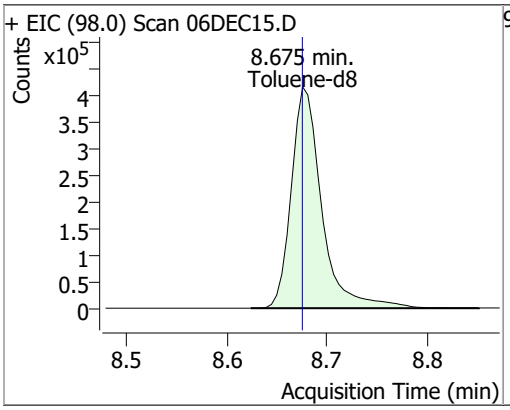


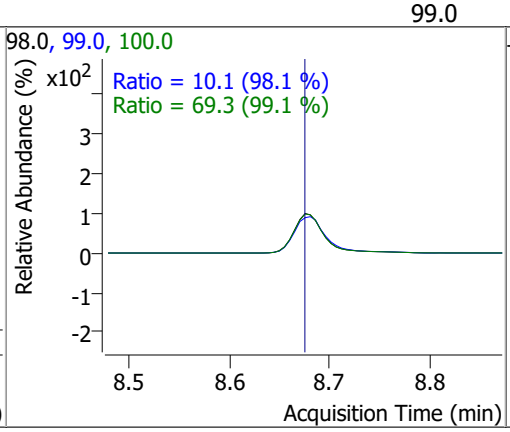
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

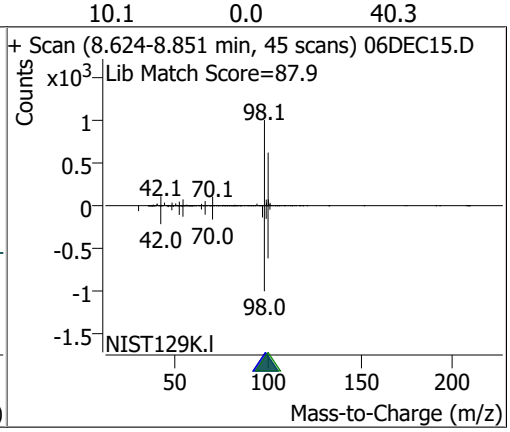




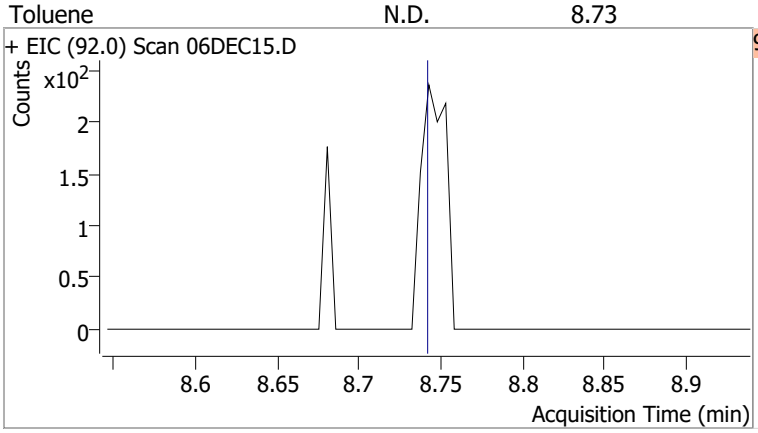
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	231.8024	8.68	0.01	881972	100.0	69.3	39.9	99.9
					99.0	10.1	0.0	40.3

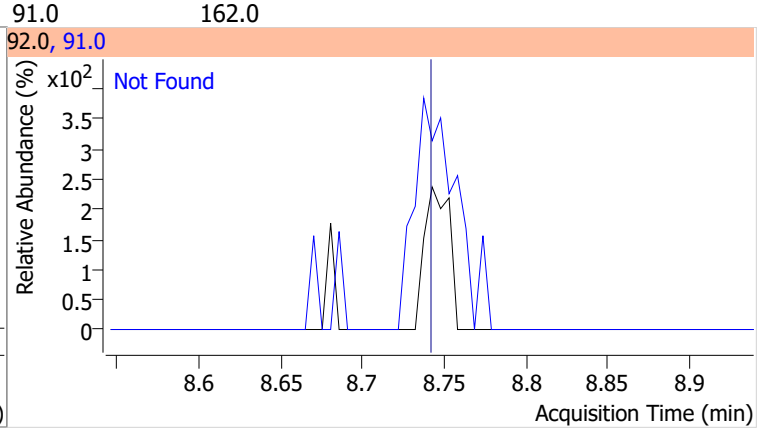




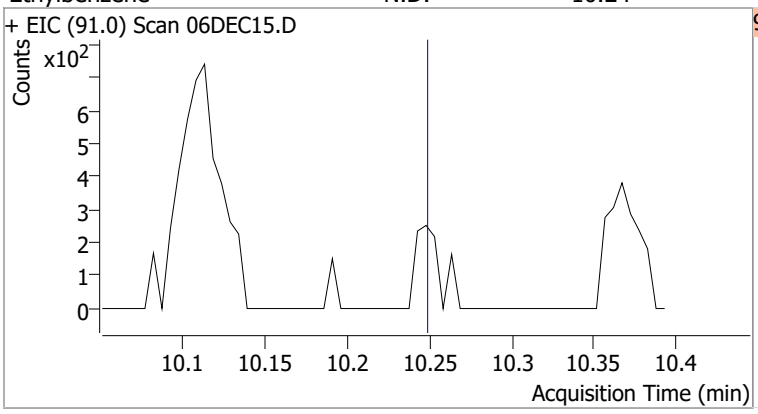


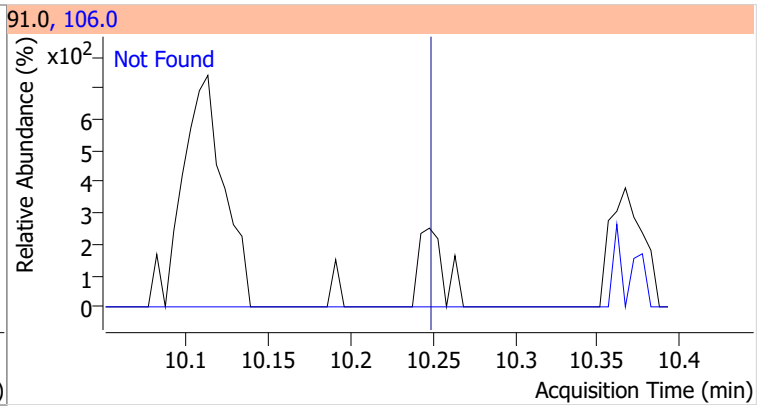
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.73	91.0	162.0



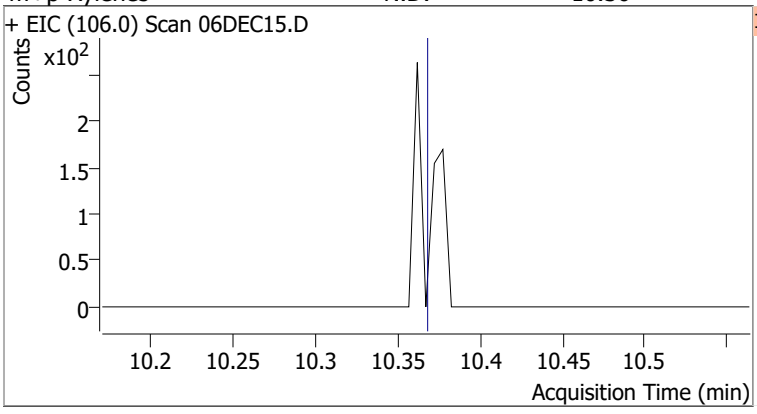


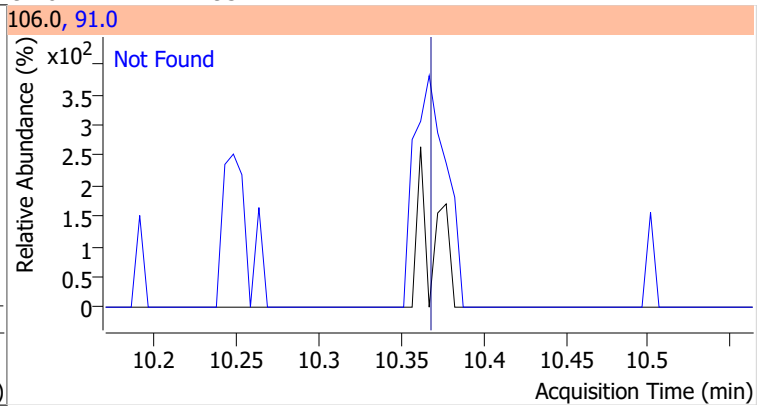
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	10.24	106.0	30.4



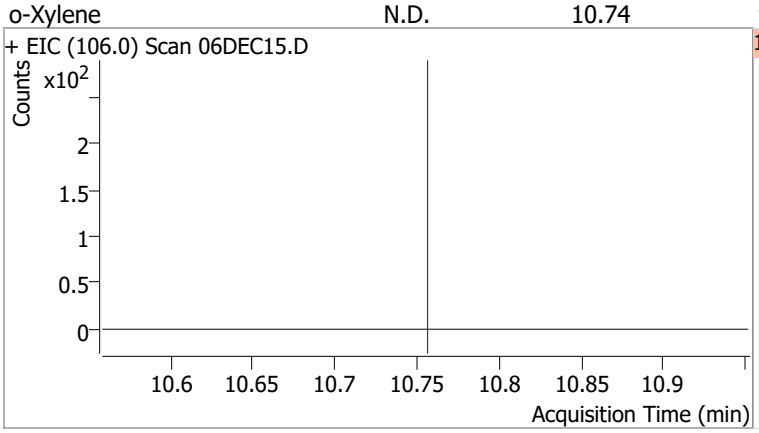


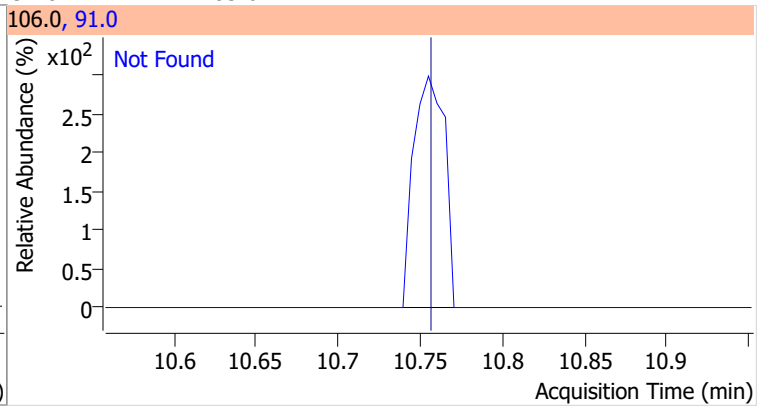
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.36	91.0	193.7



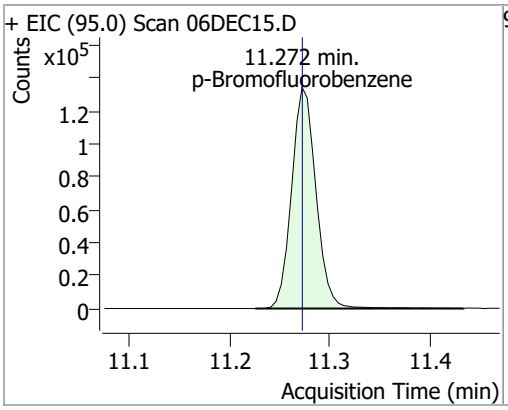


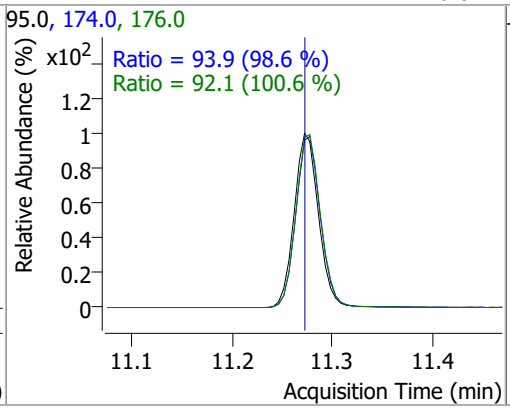
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.74	91.0	203.6

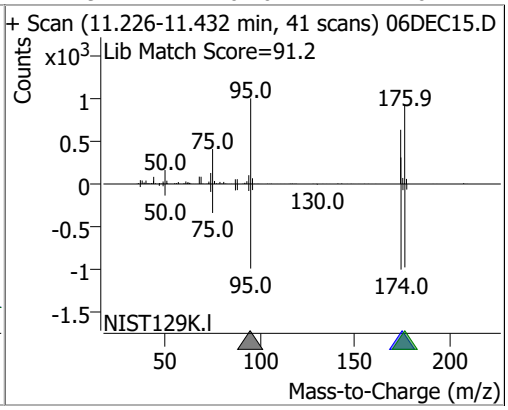




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	253.8995	11.27	0.01	226451	174.0	93.9	65.3	125.3
					176.0	92.1	61.6	121.6

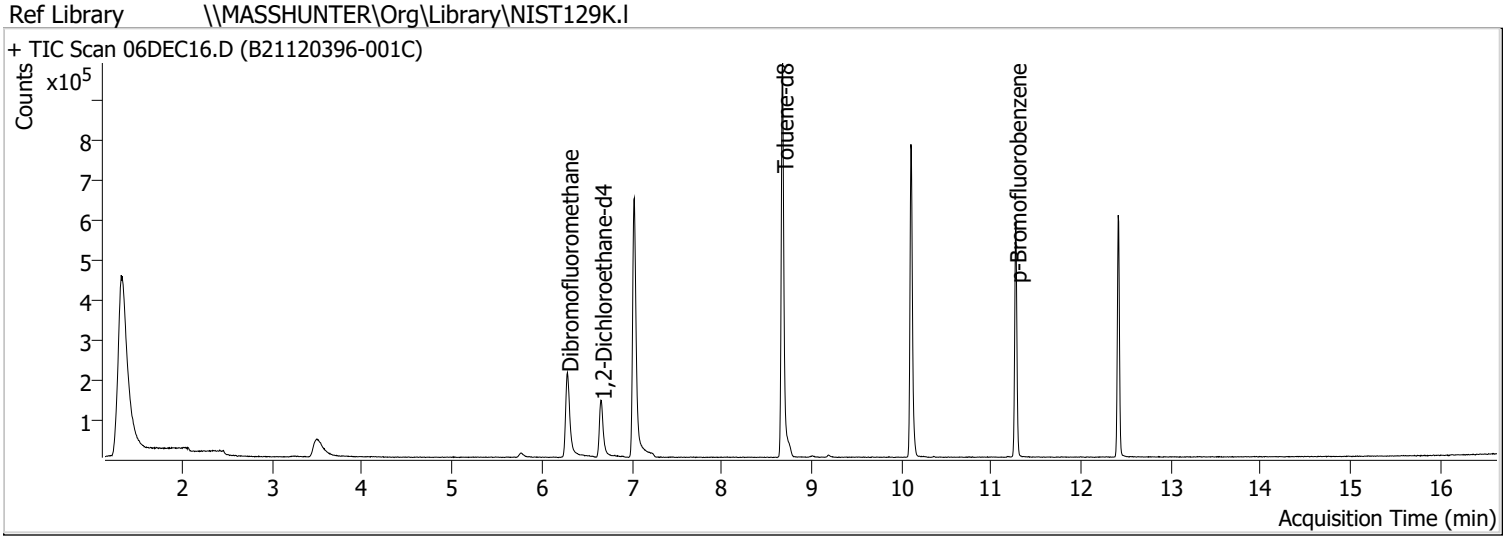






Quantitation Results Report (QT Reviewed)

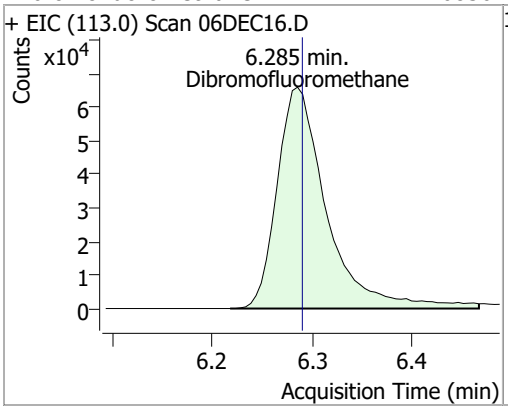
Data File	06DEC16.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/6/2021 6:05:00 PM
Sample Name	B21120396-001C	Instrument	GC/MS Ins
Vial	16	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120621_8260B_624pt1.batch.bin	Last Calib Update	12/8/2021 2:46:49 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

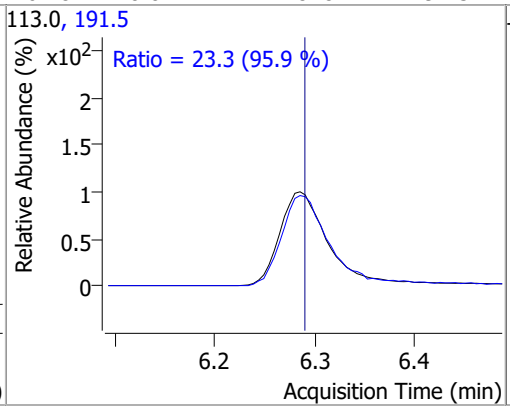


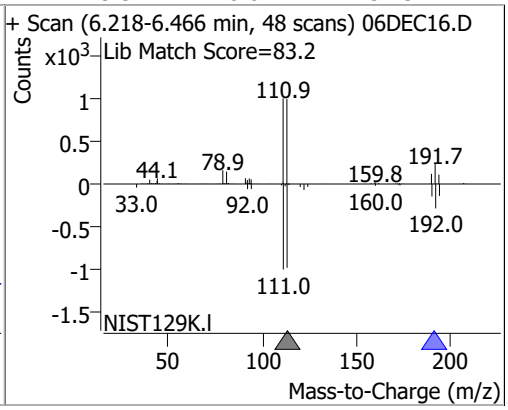
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.030	96.0	922203	250.0000	ng	0.016
M Chlorobenzene-d5	10.108	82.0	280700	250.0000	ng	0.011
M 1,4-Dichlorobenzene-d4	12.415	152.0	179141	250.0000	ng	0.011
System Monitoring Compounds						
S Dibromofluoromethane	6.285	113.0	227878	247.6836	ng	0.011
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 99.07%		
S 1,2-Dichloroethane-d4	6.657	67.0	81696	231.6612	ng	0.011
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 92.66%		
S Toluene-d8	8.680	98.0	808649	234.4584	ng	0.016
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 93.78%		
S p-Bromofluorobenzene	11.271	95.0	208699	251.2312	ng	0.011
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 100.49%		
Target Compounds						**QValue**
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Toluene	0.000		0	N.D.		
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	0.000		0	N.D.		
T o-Xylene	0.000		0	N.D.		

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

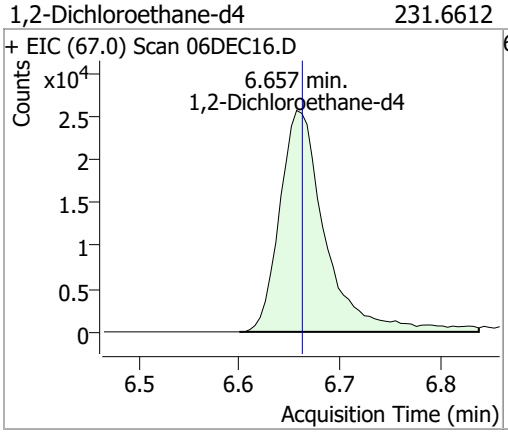
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	247.6836	6.28	0.01	227878	191.5	23.3	0.0	54.3

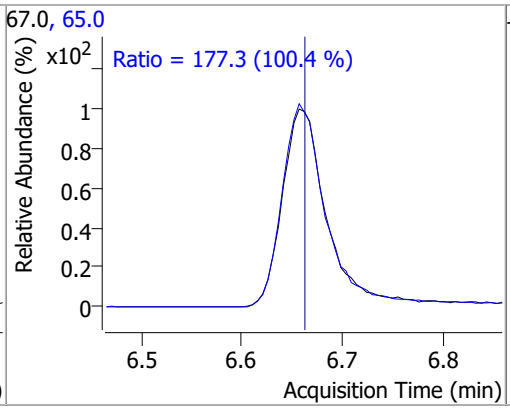


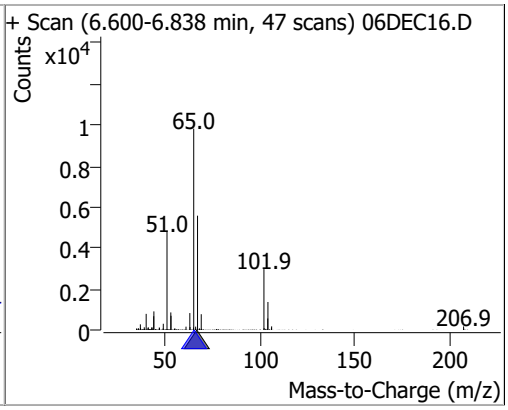




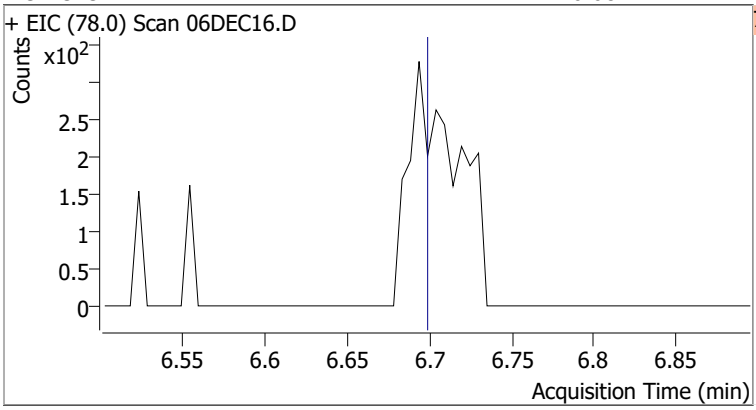
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	231.6612	6.66	0.01	81696	65.0	177.3	146.6	206.6

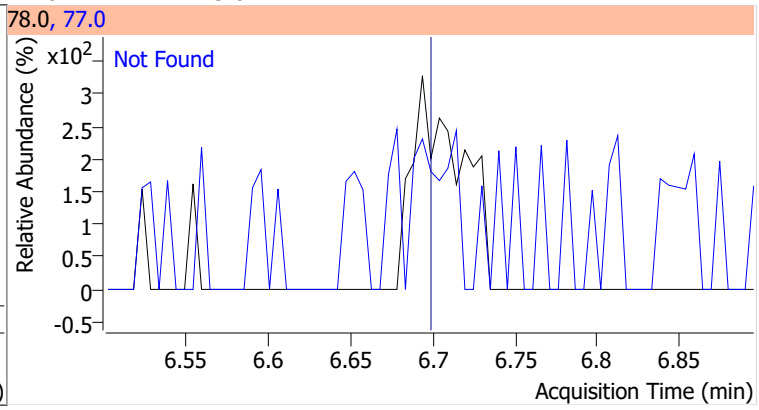




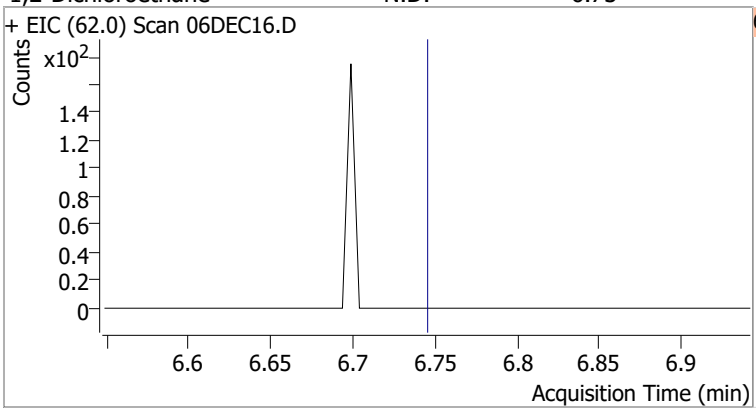


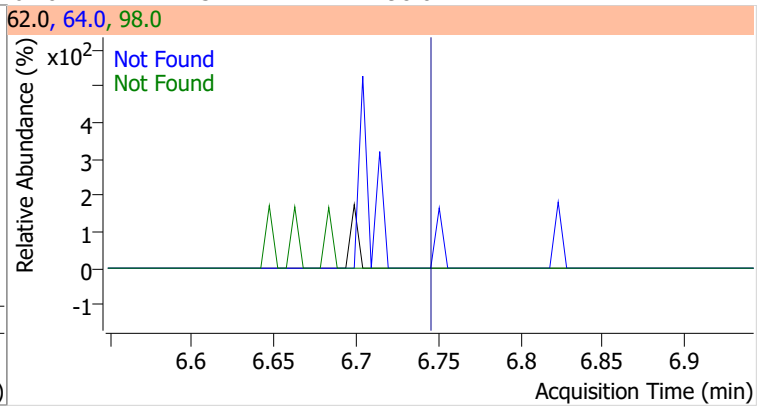
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.68	77.0	23.6



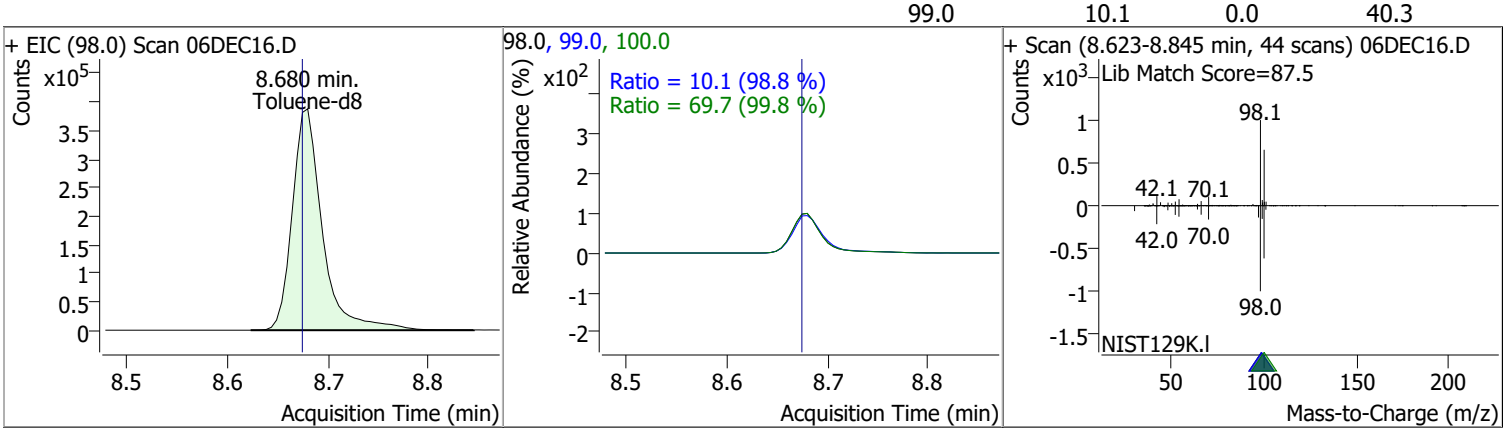


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

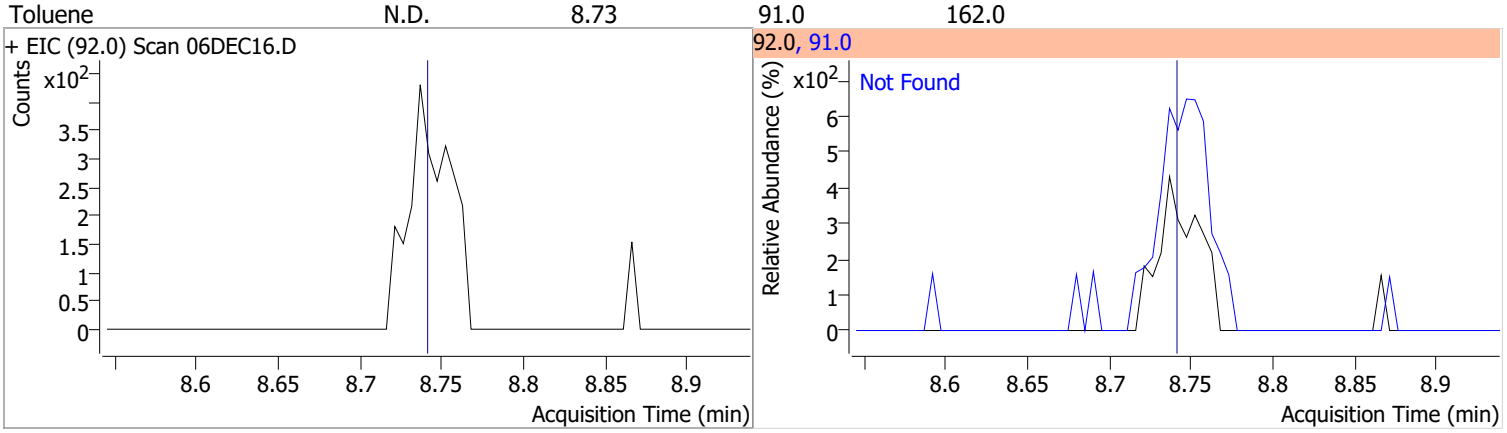




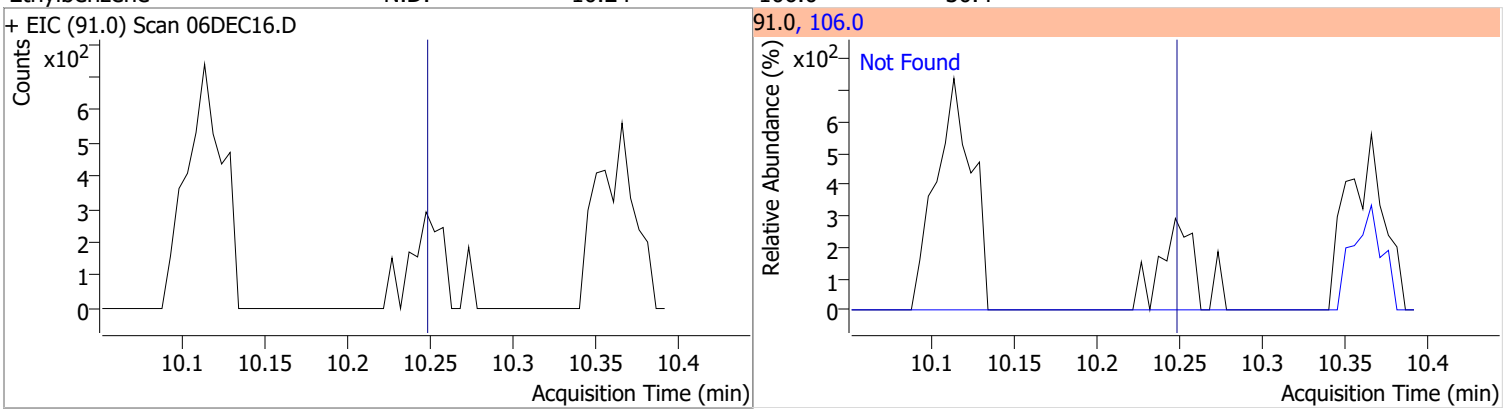
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	234.4584	8.68	0.02	808649	100.0	69.7	39.9	99.9
					99.0	10.1	0.0	40.3



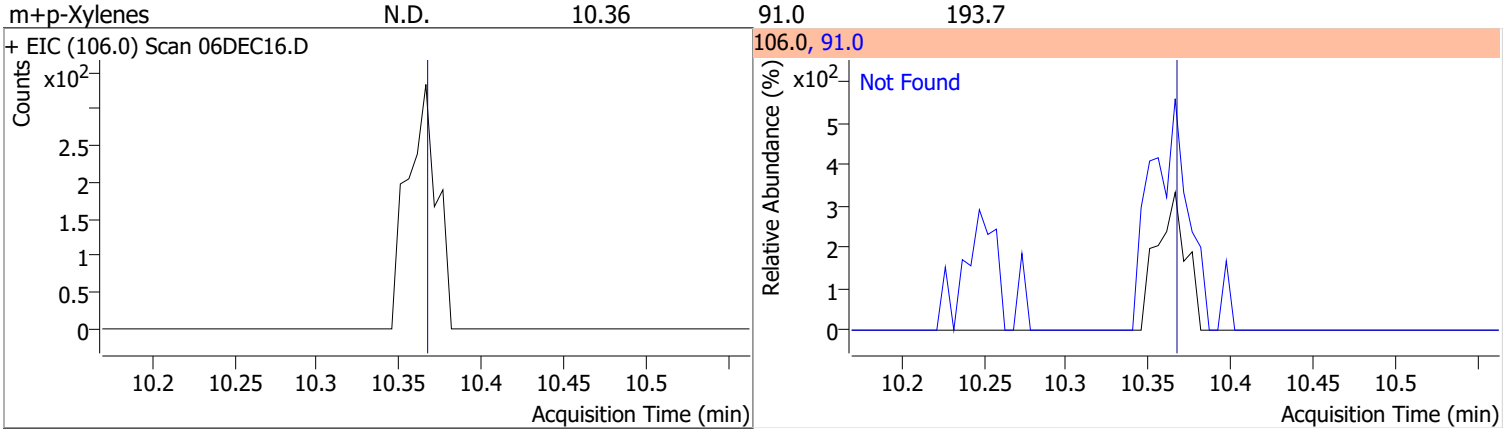
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.73	91.0	162.0



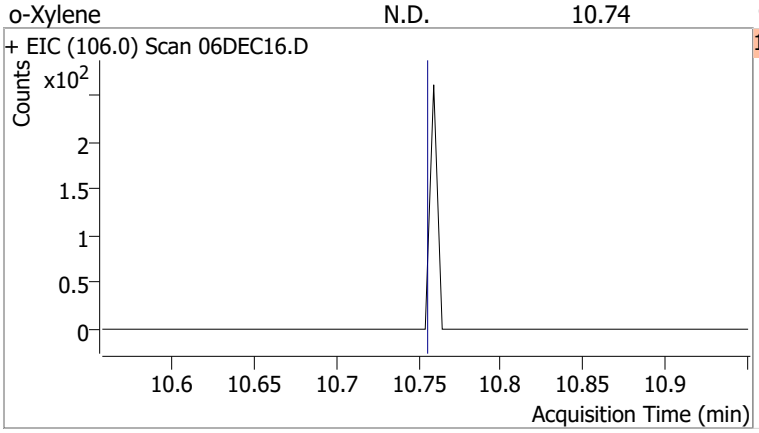
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	10.24	106.0	30.4

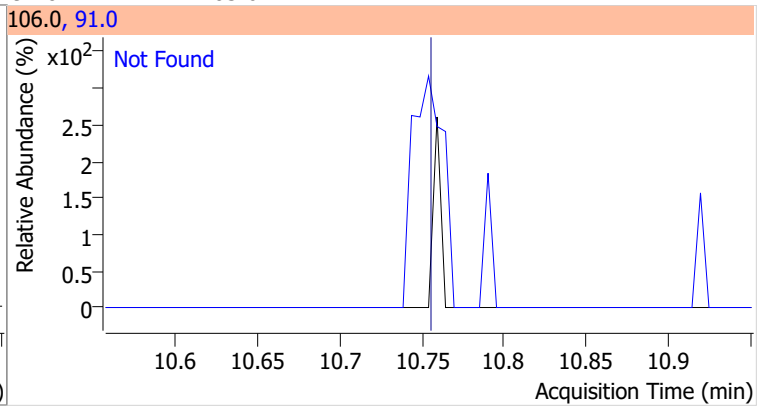


Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.36	91.0	193.7

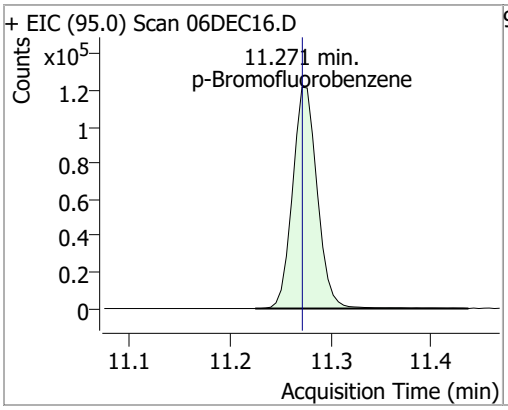


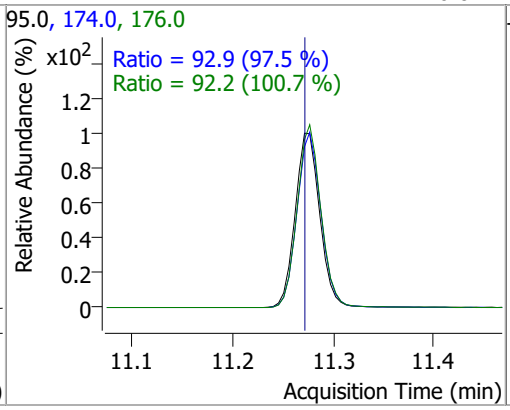
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.74	91.0	203.6

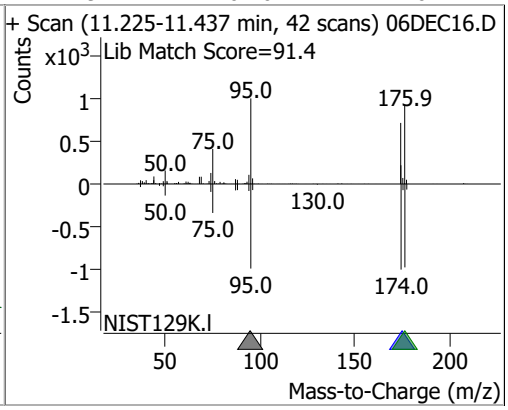




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	251.2312	11.27	0.01	208699	174.0	92.9	65.3	125.3
					176.0	92.2	61.6	121.6

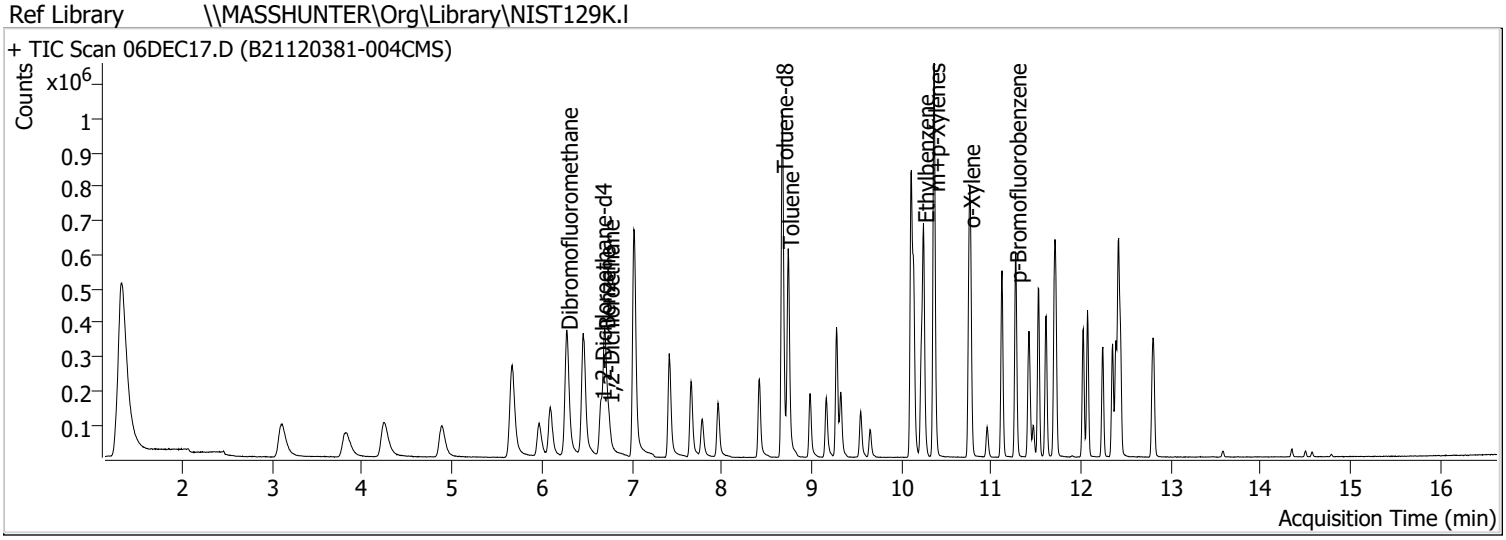






Quantitation Results Report (QT Reviewed)

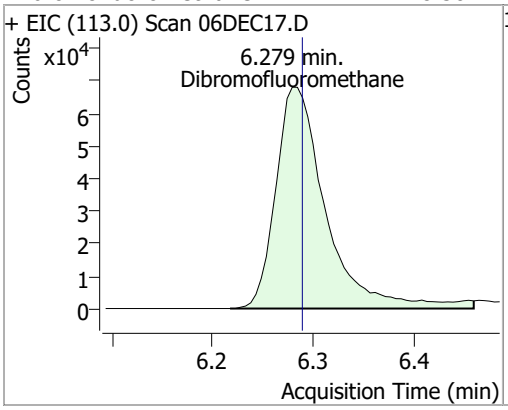
Data File	06DEC17.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/6/2021 6:30:00 PM
Sample Name	B21120381-004CMS	Instrument	GC/MS Ins
Vial	17	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120621_8260B_624pt1.batch.bin	Last Calib Update	12/8/2021 2:46:49 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

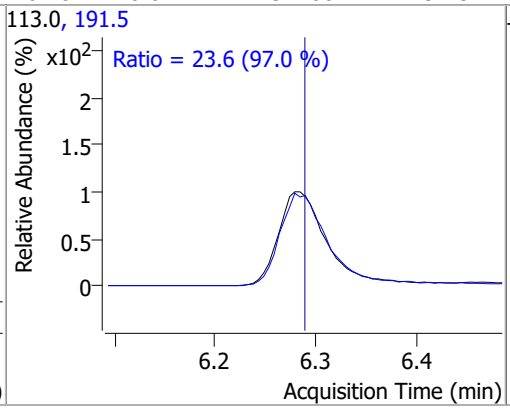


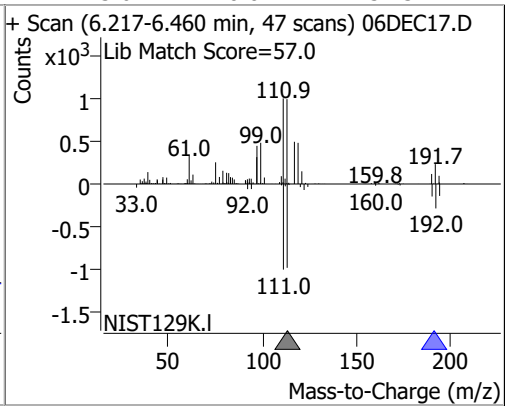
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.029	96.0	957576	250.0000	ng	0.015
M Chlorobenzene-d5	10.107	82.0	289452	250.0000	ng	0.010
M 1,4-Dichlorobenzene-d4	12.414	152.0	178408	250.0000	ng	0.010
System Monitoring Compounds						
S Dibromofluoromethane	6.279	113.0	237400	248.5014	ng	0.005
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 99.40%		
S 1,2-Dichloroethane-d4	6.657	67.0	84983	232.0801	ng	0.010
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 92.83%		
S Toluene-d8	8.674	98.0	838965	235.8932	ng	0.010
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 94.36%		
S p-Bromofluorobenzene	11.271	95.0	211325	255.4375	ng	0.010
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 102.18%		
Target Compounds						QValue
T Benzene	6.698	78.0	497586	124.7135	ng	99
T 1,2-Dichloroethane	6.740	62.0	93128	130.7372	ng	99
T Toluene	8.742	92.0	308482	126.0442	ng	99
T Ethylbenzene	10.247	91.0	491780	121.4552	ng	99
T m+p-Xylenes	10.366	106.0	369793	241.8959	ng	98
T o-Xylene	10.754	106.0	169685	125.5504	ng	98

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

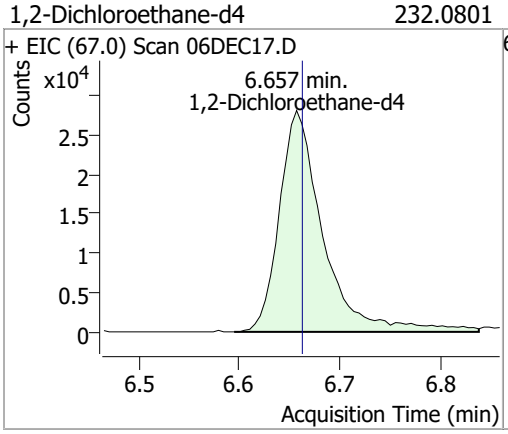
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	248.5014	6.28	0.01	237400	191.5	23.6	0.0	54.3

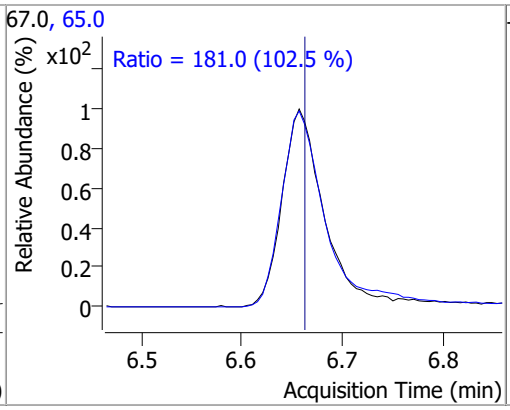


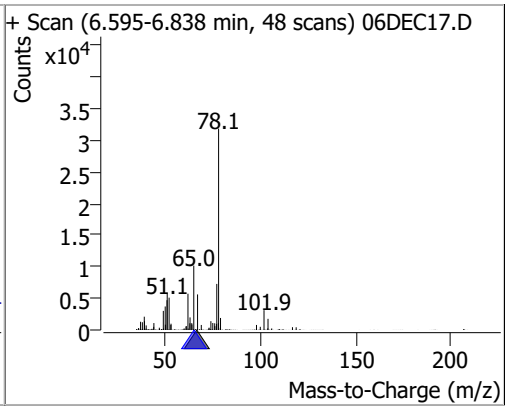




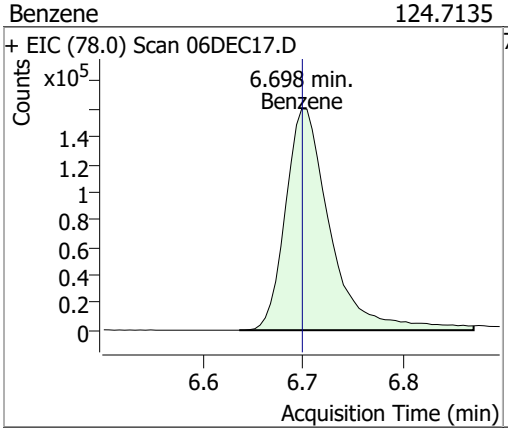
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	232.0801	6.66	0.01	84983	65.0	181.0	146.6	206.6

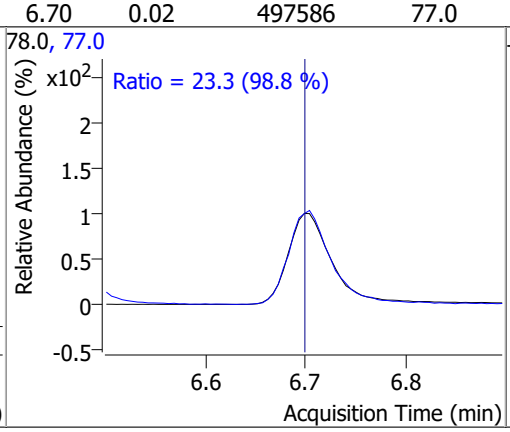


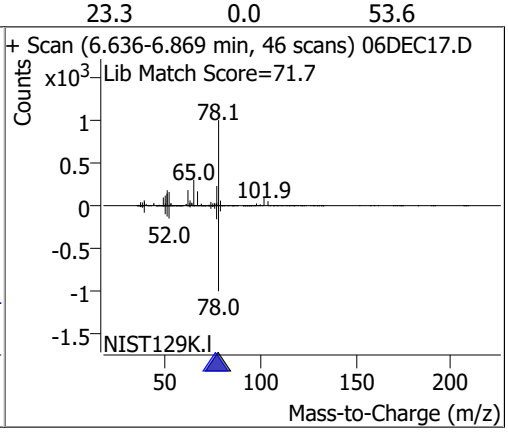




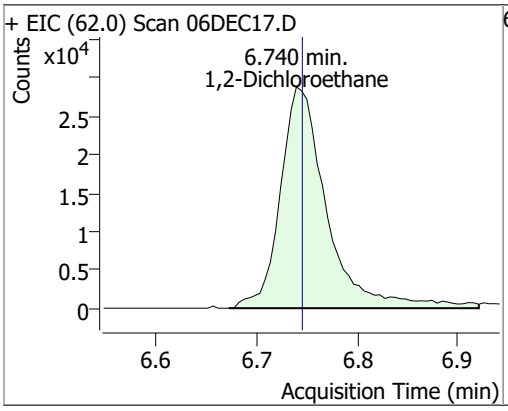
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	124.7135	6.70	0.02	497586	77.0	23.3	0.0	53.6

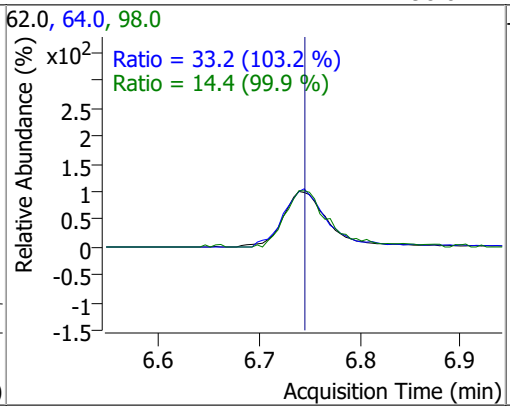


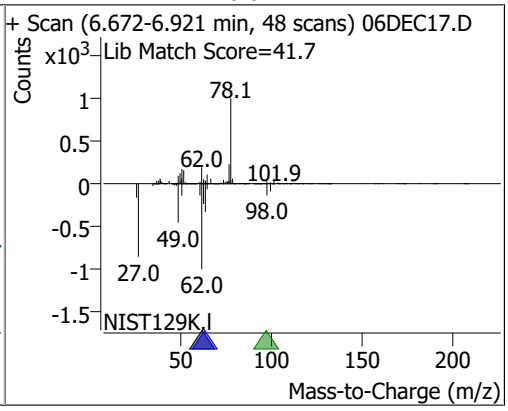




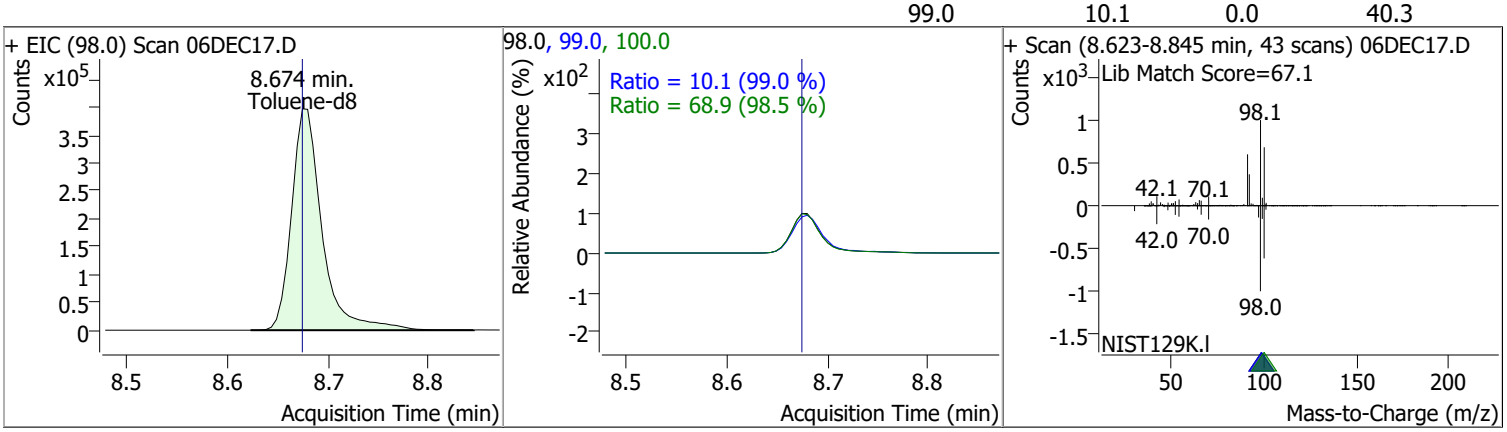
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	130.7372	6.74	0.01	93128	64.0	33.2	2.2	62.2
					98.0	14.4	0.0	44.4



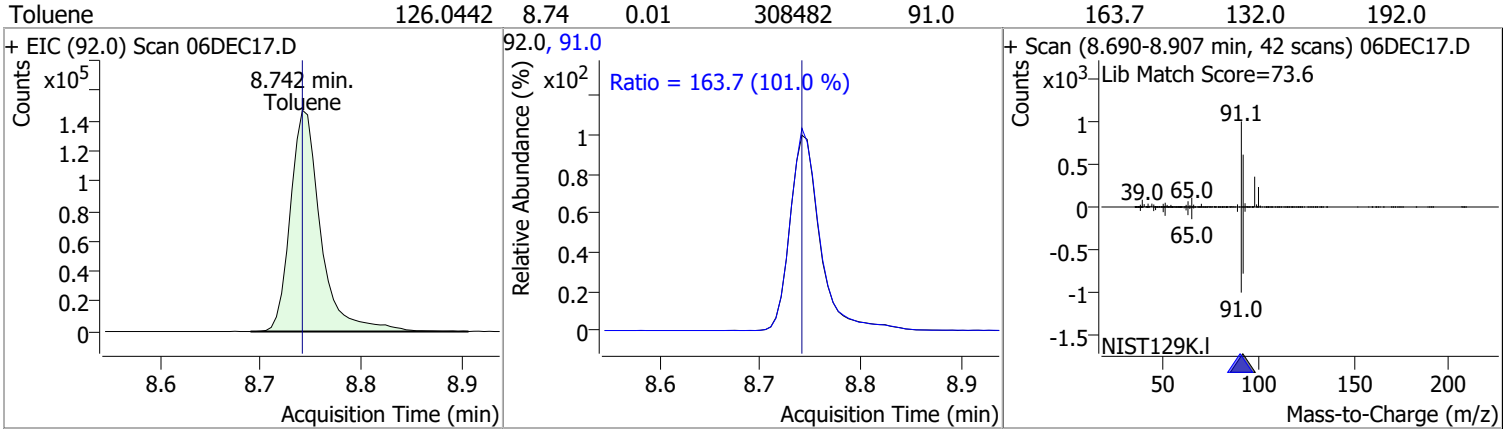




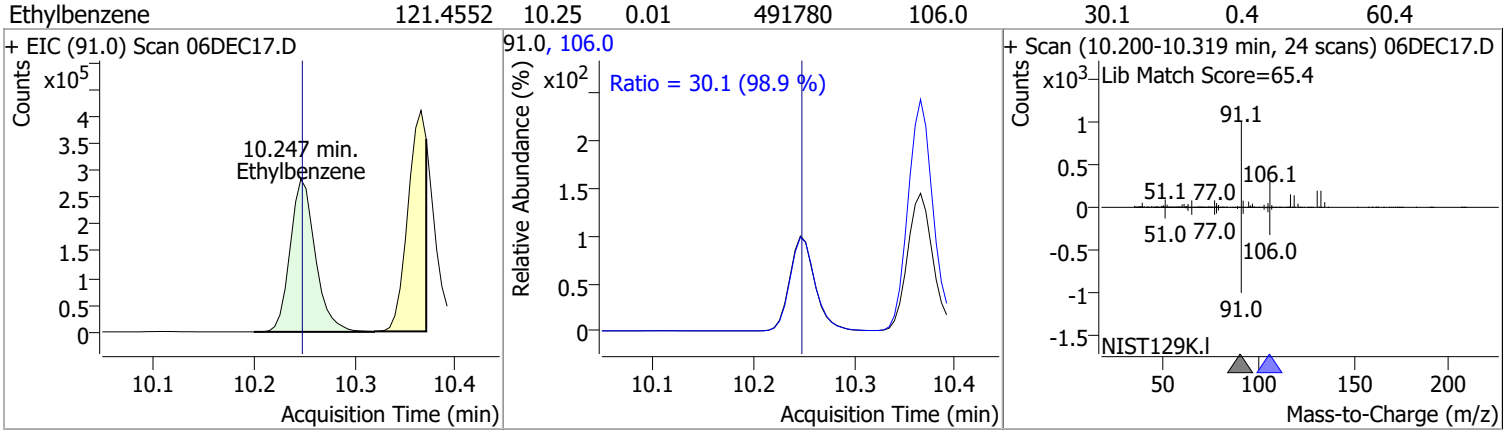
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	235.8932	8.67	0.01	838965	100.0	68.9	39.9	99.9
					99.0	10.1	0.0	40.3



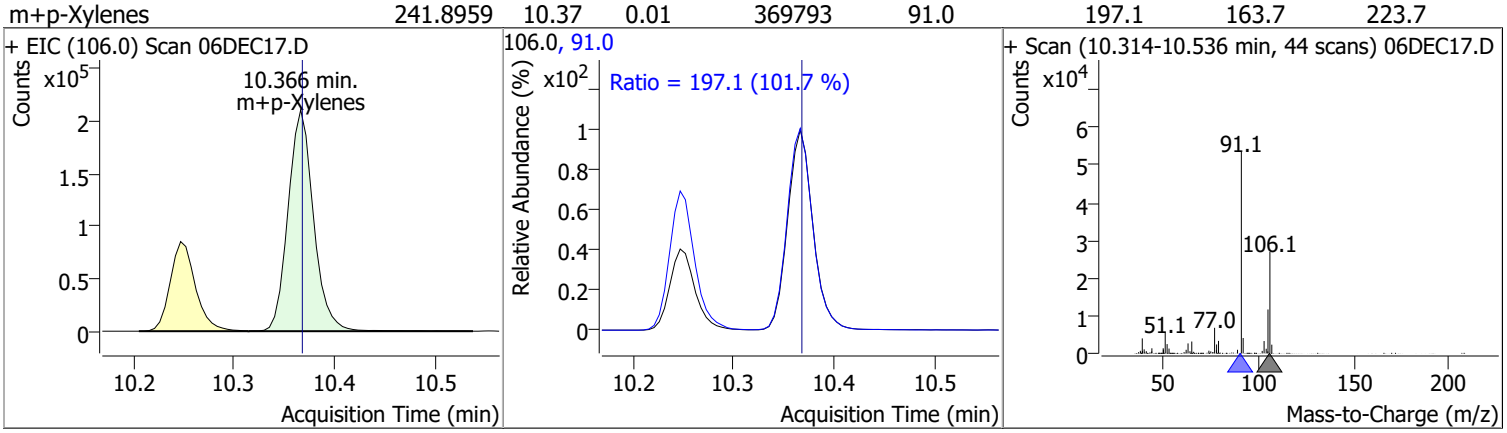
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	126.0442	8.74	0.01	308482	91.0	163.7	132.0	192.0



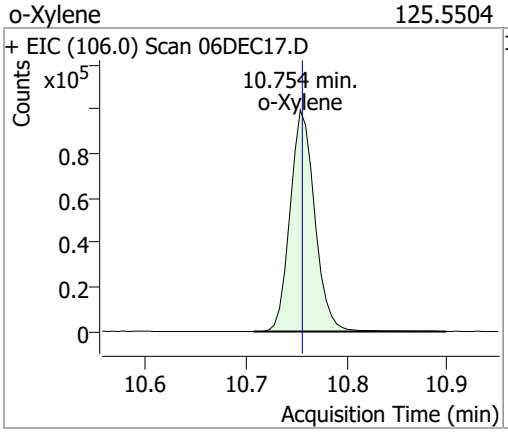
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	121.4552	10.25	0.01	491780	106.0	30.1	0.4	60.4

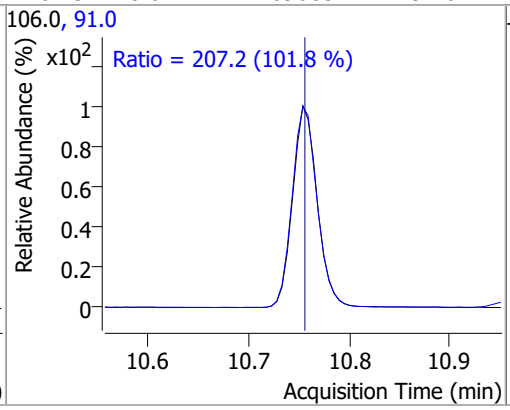


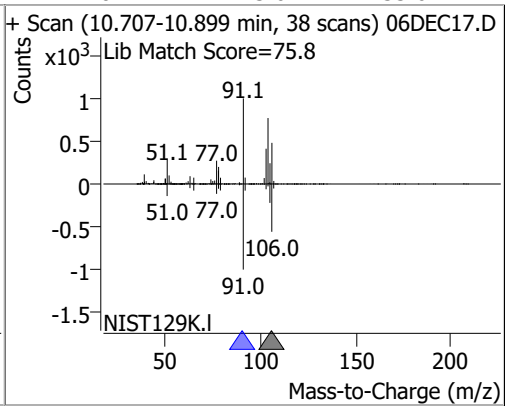
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	241.8959	10.37	0.01	369793	91.0	197.1	163.7	223.7



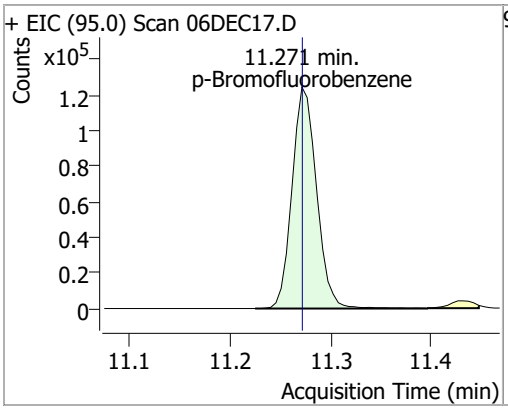
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	125.5504	10.75	0.01	169685	91.0	207.2	173.6	233.6

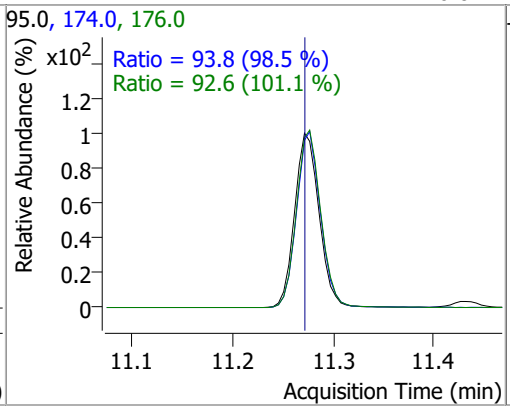


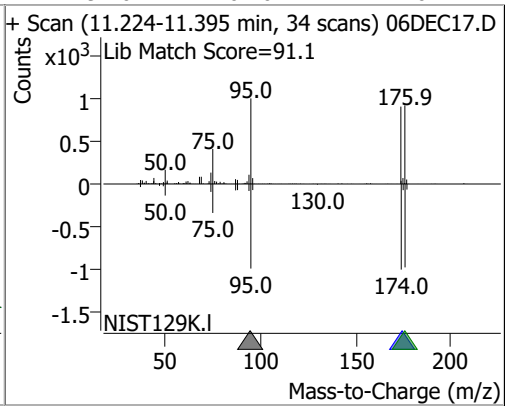




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	255.4375	11.27	0.01	211325	174.0	93.8	65.3	125.3
					176.0	92.6	61.6	121.6

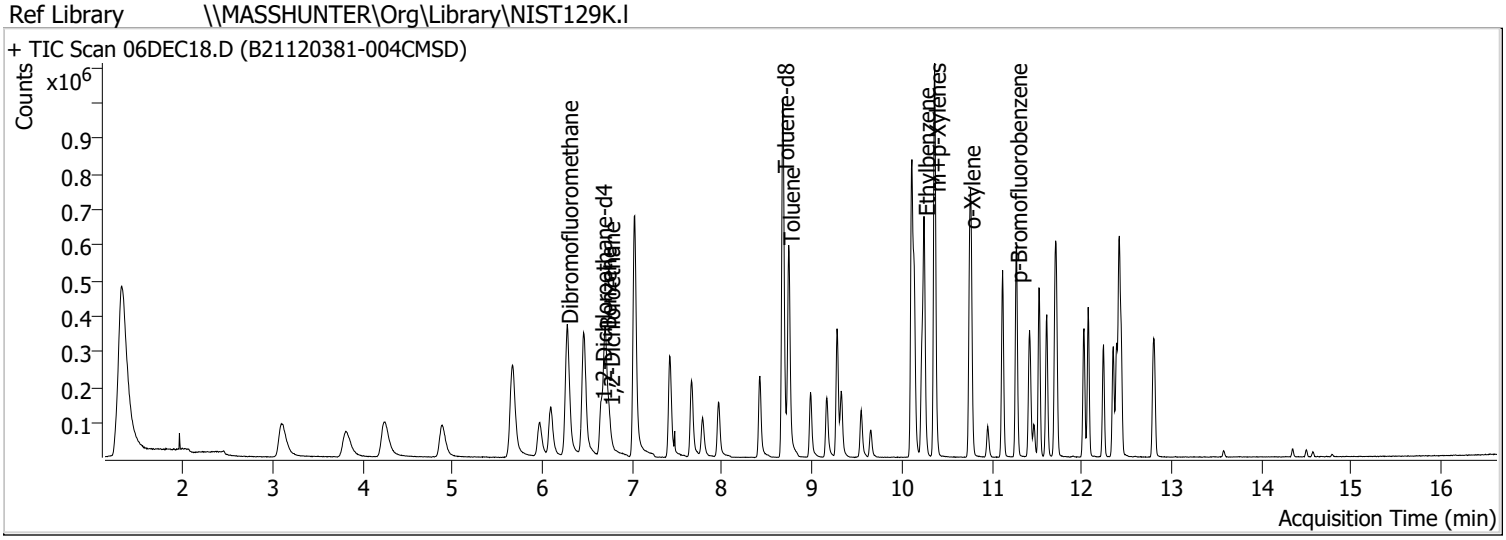






Quantitation Results Report (QT Reviewed)

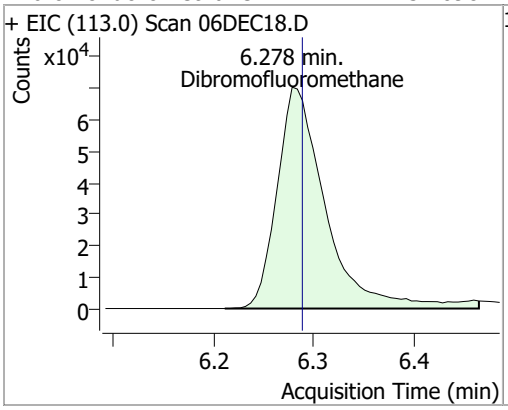
Data File	06DEC18.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/6/2021 6:56:00 PM
Sample Name	B21120381-004CMSD	Instrument	GC/MS Ins
Vial	18	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120621_8260B_624pt1.batch.bin	Last Calib Update	12/8/2021 2:46:49 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

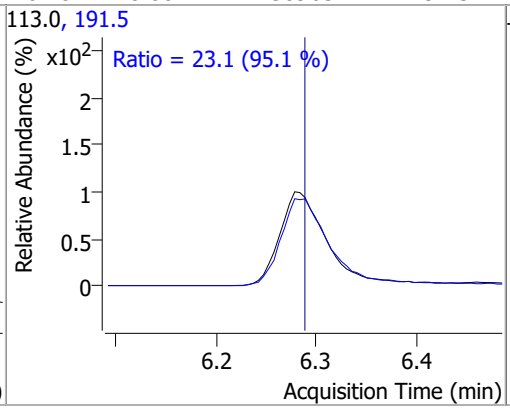


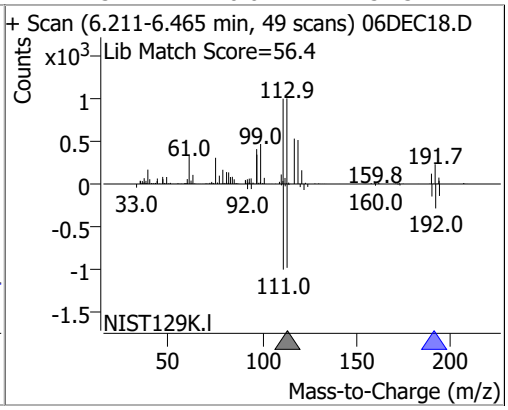
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.028	96.0	953920	250.0000	ng	0.015
M Chlorobenzene-d5	10.111	82.0	285657	250.0000	ng	0.015
M 1,4-Dichlorobenzene-d4	12.419	152.0	174241	250.0000	ng	0.015
System Monitoring Compounds						
S Dibromofluoromethane	6.278	113.0	238965	251.0982	ng	0.004
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 100.44%		
S 1,2-Dichloroethane-d4	6.656	67.0	86695	237.6627	ng	0.009
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 95.07%		
S Toluene-d8	8.679	98.0	844730	240.6696	ng	0.015
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 96.27%		
S p-Bromofluorobenzene	11.270	95.0	208626	258.2059	ng	0.009
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 103.28%		
Target Compounds						**QValue**
T Benzene	6.702	78.0	488410	122.8828	ng	100
T 1,2-Dichloroethane	6.744	62.0	91604	129.0906	ng	98
T Toluene	8.741	92.0	303001	125.4495	ng	100
T Ethylbenzene	10.246	91.0	482029	120.6285	ng	99
T m+p-Xylenes	10.365	106.0	354336	234.8641	ng	97
T o-Xylene	10.753	106.0	161559	121.1260	ng	97

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

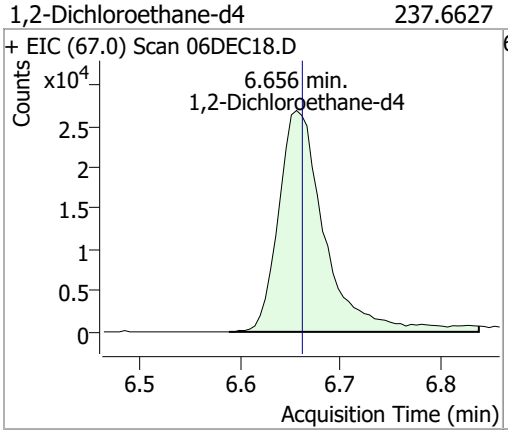
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	251.0982	6.28	0.00	238965	191.5	23.1	0.0	54.3

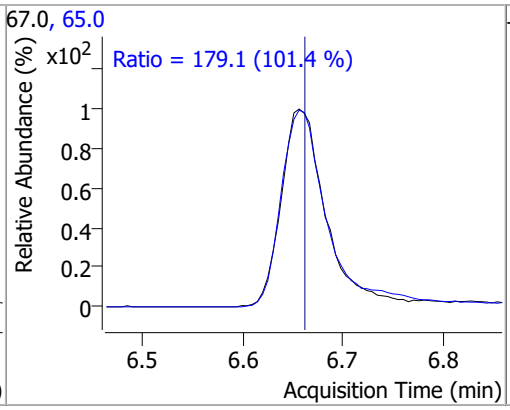


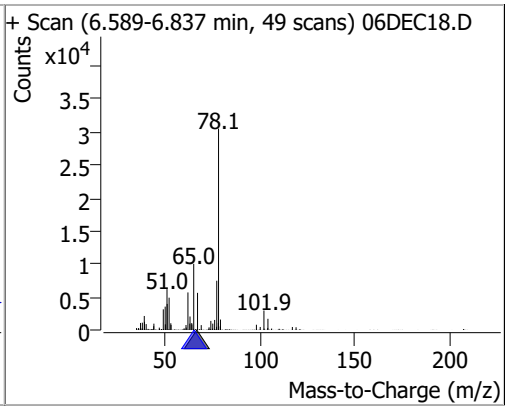




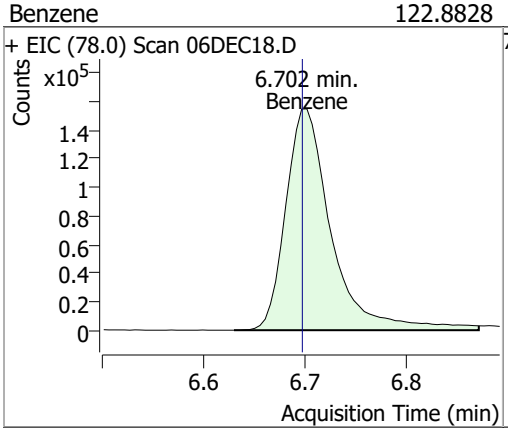
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	237.6627	6.66	0.01	86695	65.0	179.1	146.6	206.6

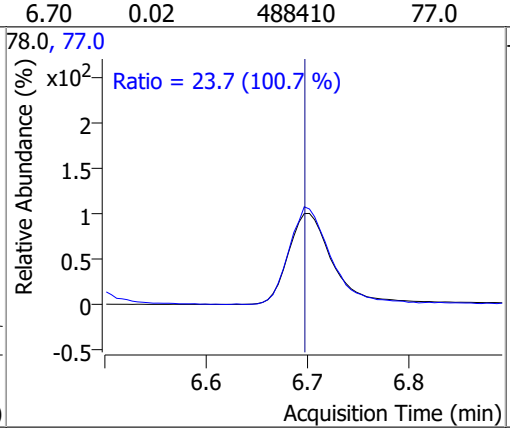


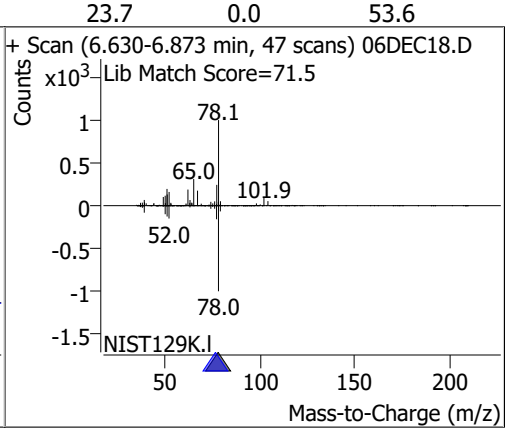




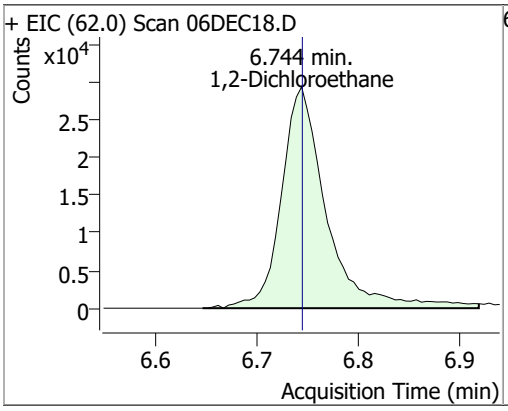
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	122.8828	6.70	0.02	488410	77.0	23.7	0.0	53.6

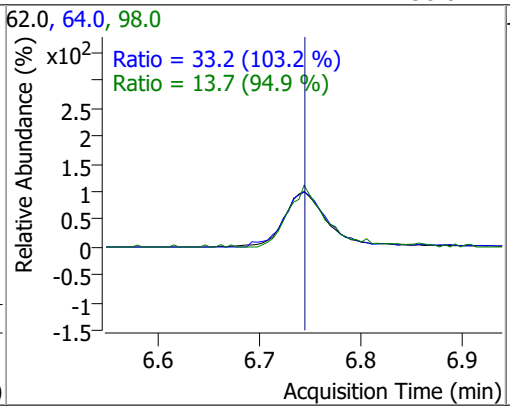


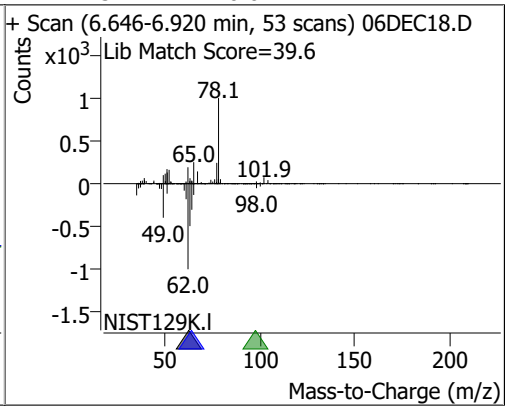




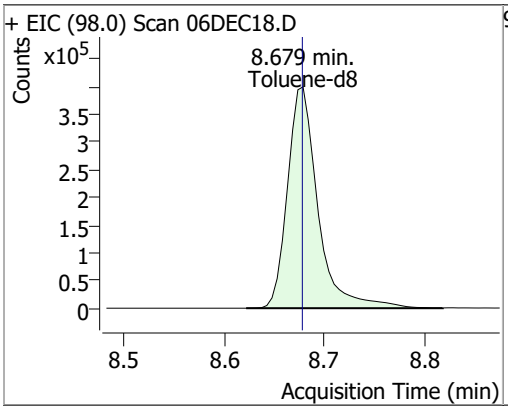
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	129.0906	6.74	0.01	91604	64.0	33.2	2.2	62.2
					98.0	13.7	0.0	44.4

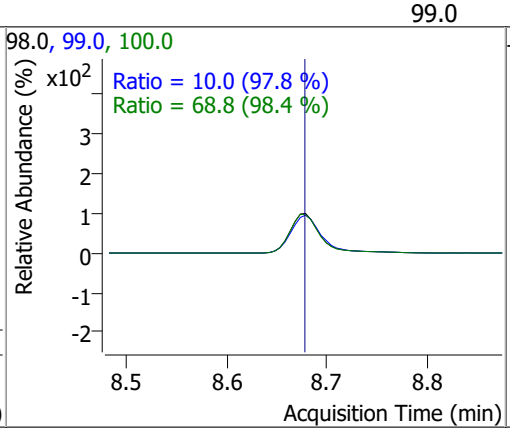


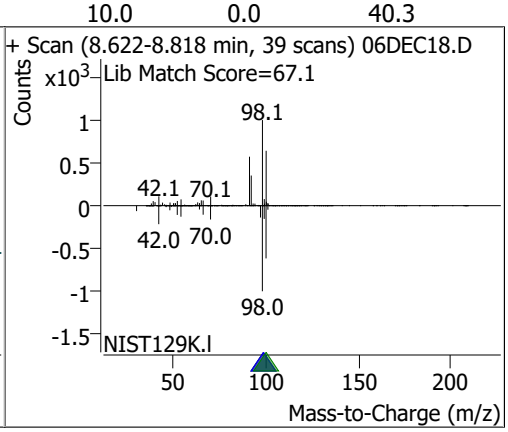




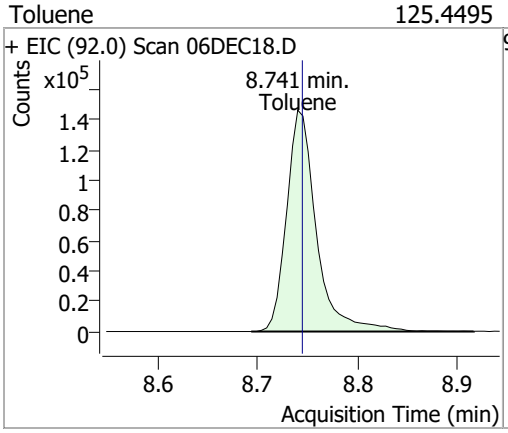
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	240.6696	8.68	0.01	844730	100.0	68.8	39.9	99.9
					99.0	10.0	0.0	40.3

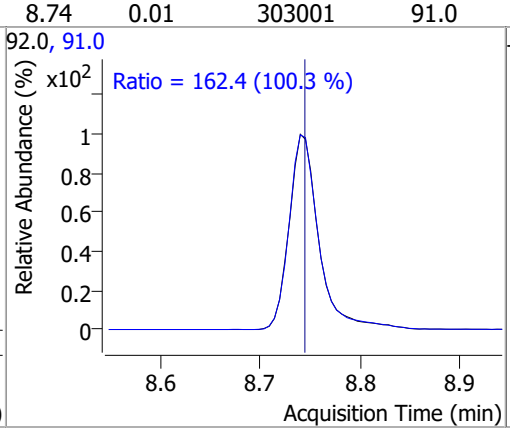


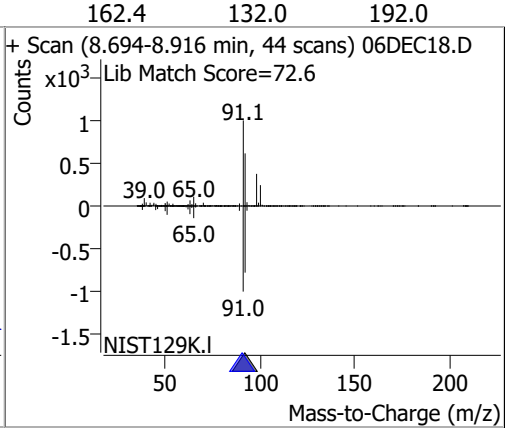




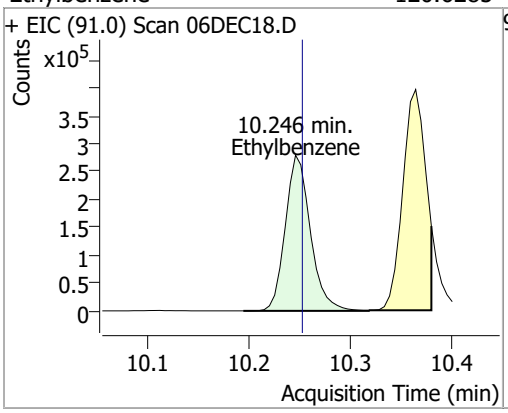
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	125.4495	8.74	0.01	303001	91.0	162.4	132.0	192.0

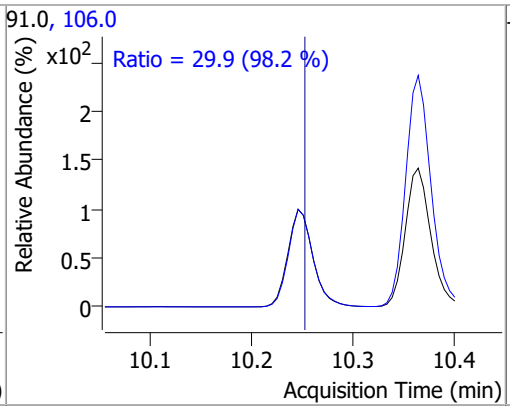


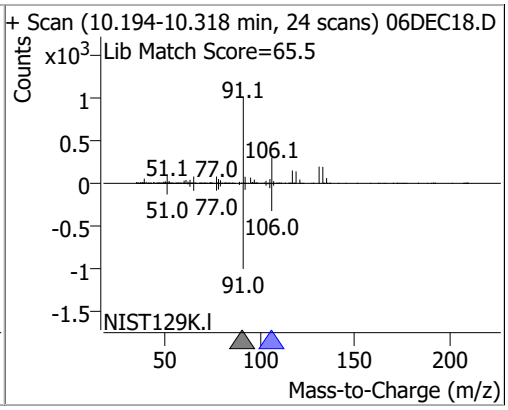




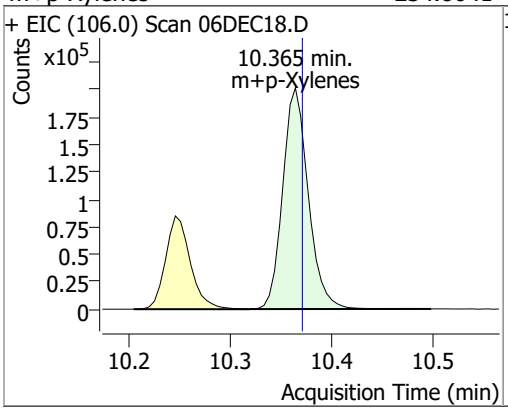
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	120.6285	10.25	0.01	482029	106.0	29.9	0.4	60.4

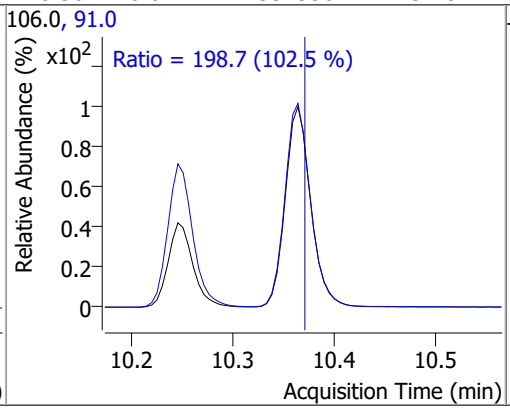


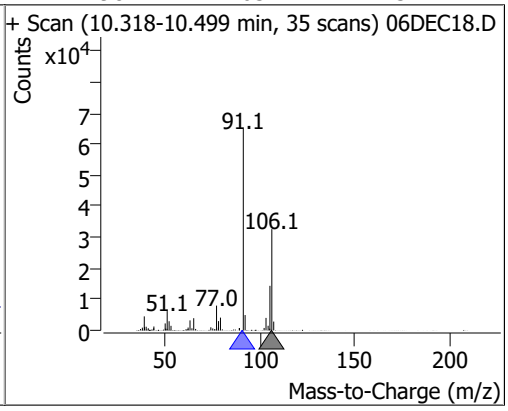




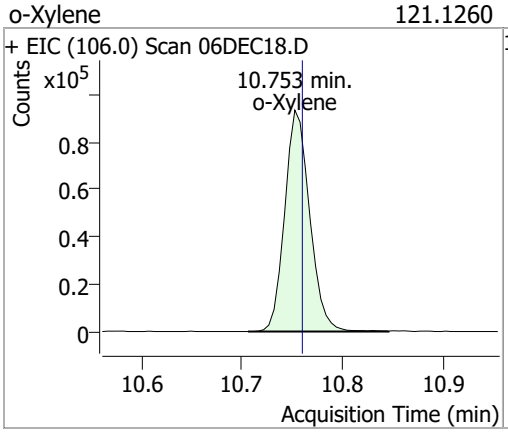
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	234.8641	10.36	0.01	354336	91.0	198.7	163.7	223.7

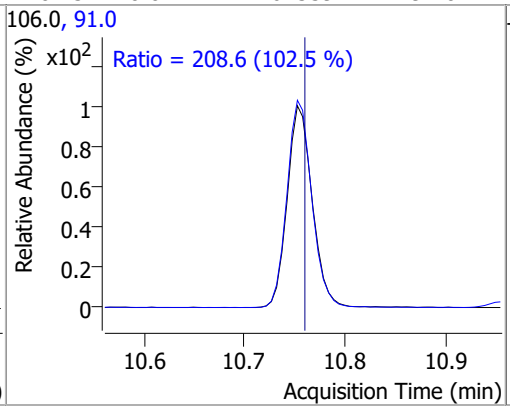


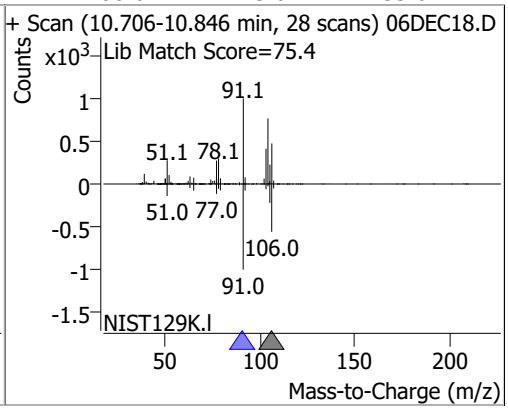




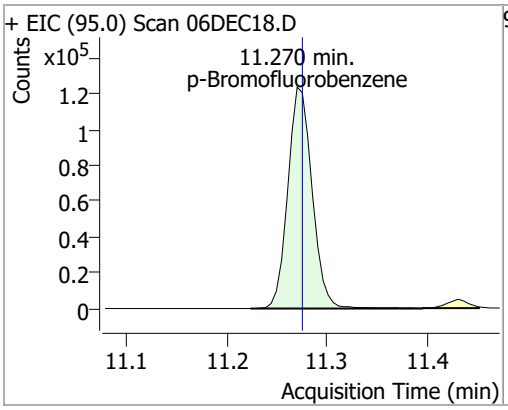
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	121.1260	10.75	0.01	161559	91.0	208.6	173.6	233.6

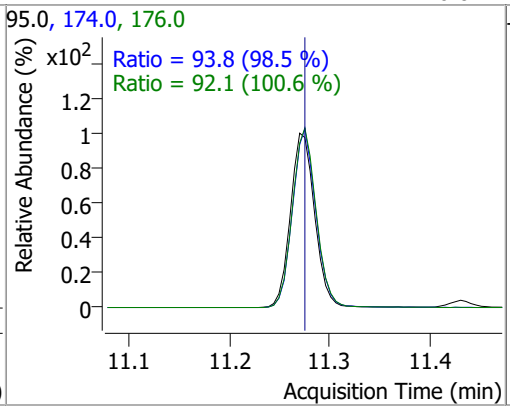


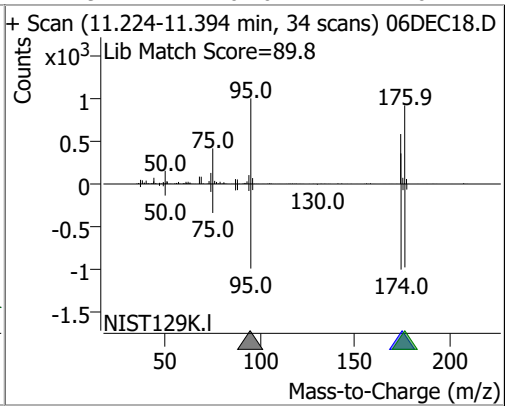




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	258.2059	11.27	0.01	208626	174.0	93.8	65.3	125.3
					176.0	92.1	61.6	121.6



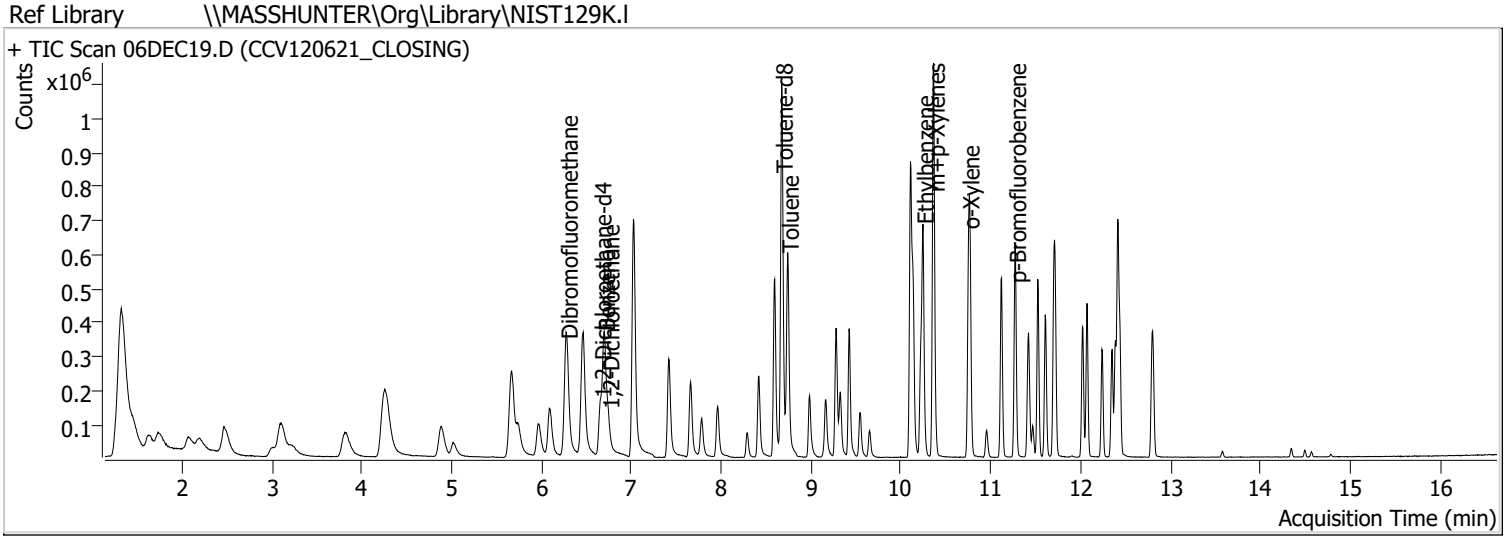




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

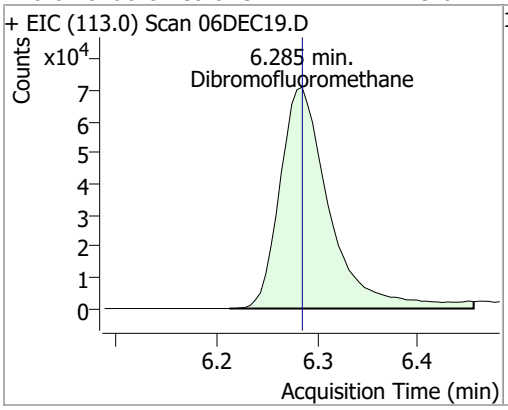
Data File	06DEC19.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/6/2021 7:21:00 PM
Sample Name	CCV120621_CLOSING	Instrument	GC/MS Ins
Vial	19	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120621_8260B_624pt1.batch.bin	Last Calib Update	12/8/2021 2:46:49 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

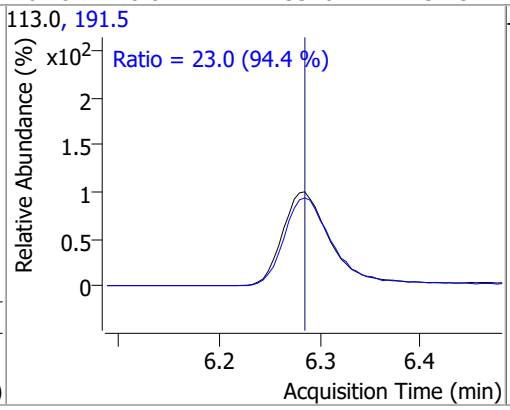


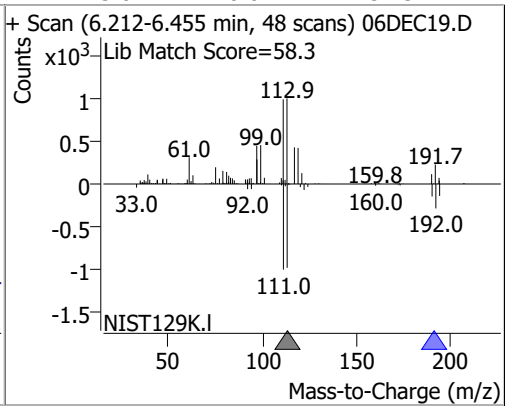
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.024	96.0	985307	250.0000	ng	0.011
M Chlorobenzene-d5	10.107	82.0	298899	250.0000	ng	0.011
M 1,4-Dichlorobenzene-d4	12.415	152.0	194390	250.0000	ng	0.011
System Monitoring Compounds						
S Dibromofluoromethane	6.285	113.0	245376	249.6214	ng	0.011
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 99.85%		
S 1,2-Dichloroethane-d4	6.657	67.0	87438	232.0639	ng	0.011
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 92.83%		
S Toluene-d8	8.675	98.0	875149	238.2899	ng	0.011
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 95.32%		
S p-Bromofluorobenzene	11.271	95.0	219736	243.7673	ng	0.011
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 97.51%		
Target Compounds						**QValue**
T Benzene	6.699	78.0	493288	120.1566	ng	99
T 1,2-Dichloroethane	6.745	62.0	93169	127.1136	ng	99
T Toluene	8.742	92.0	302743	119.7897	ng	98
T Ethylbenzene	10.247	91.0	489992	117.1889	ng	99
T m+p-Xylenes	10.366	106.0	372827	236.1724	ng	97
T o-Xylene	10.754	106.0	162327	116.3101	ng	96

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

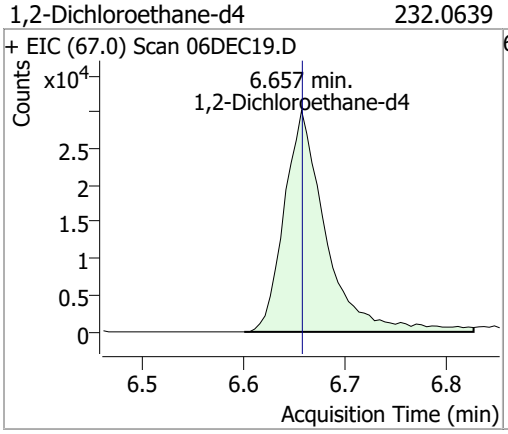
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	249.6214	6.28	0.01	245376	191.5	23.0	0.0	54.3

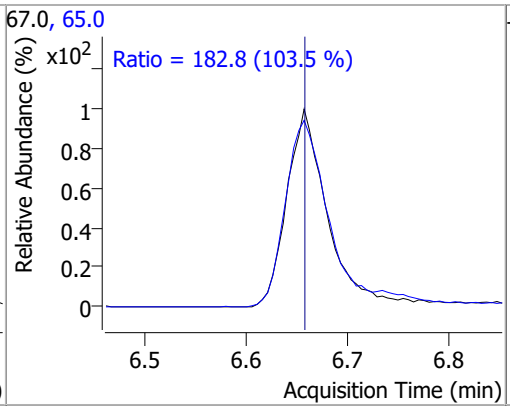


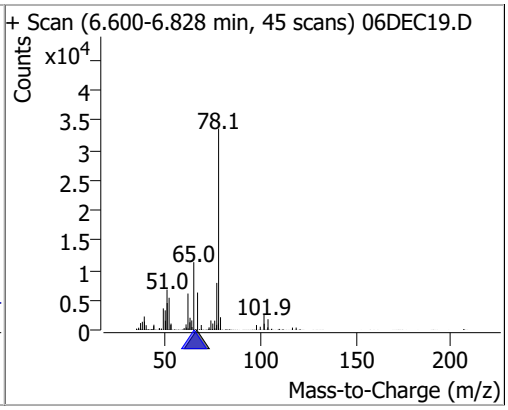




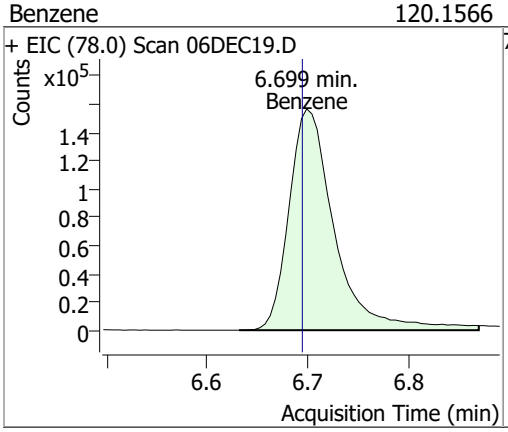
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	232.0639	6.66	0.01	87438	65.0	182.8	146.6	206.6

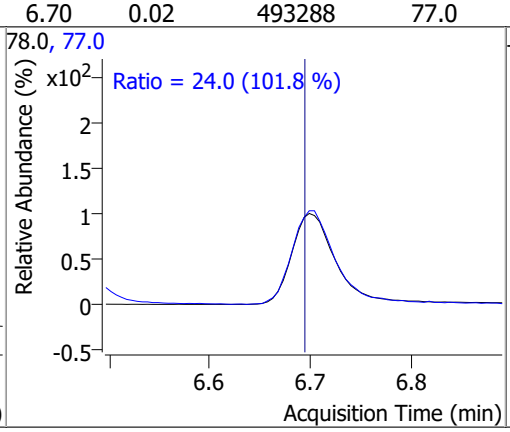


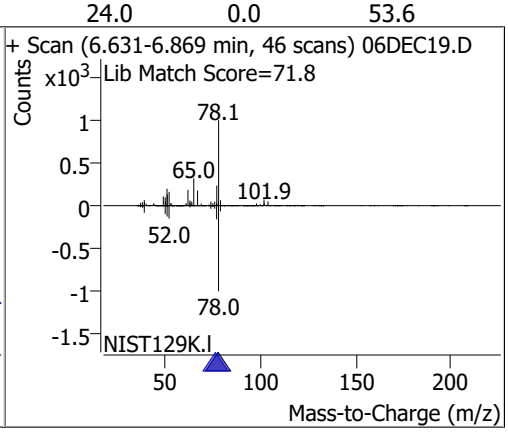




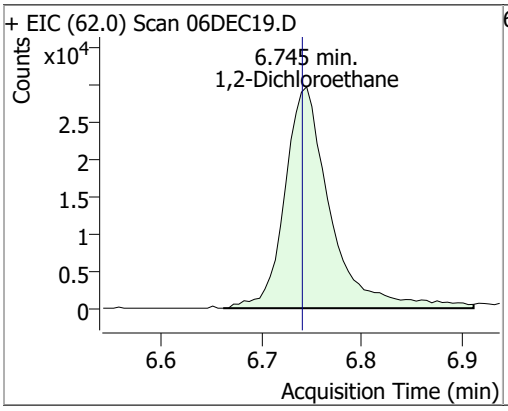
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	120.1566	6.70	0.02	493288	77.0	24.0	0.0	53.6

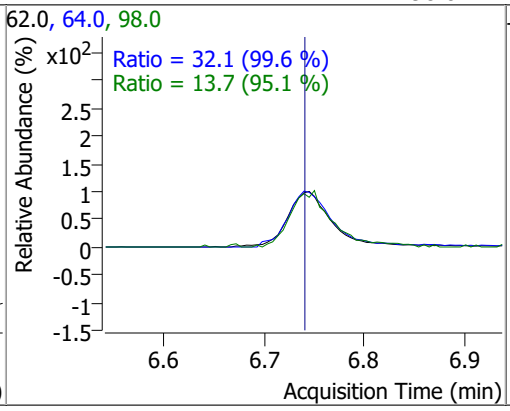


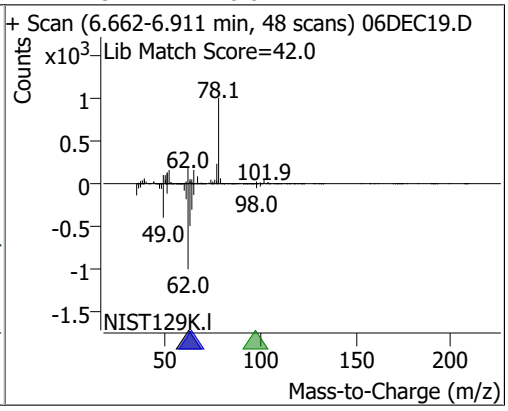




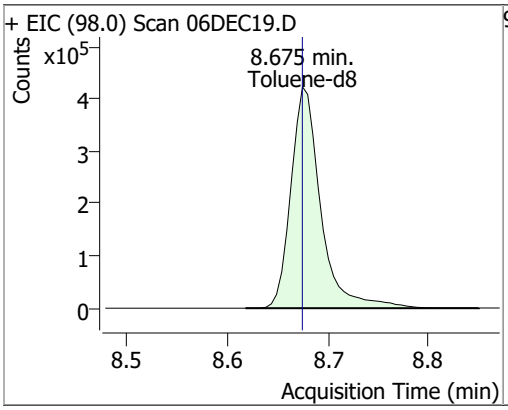
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	127.1136	6.75	0.02	93169	64.0	32.1	2.2	62.2
					98.0	13.7	0.0	44.4

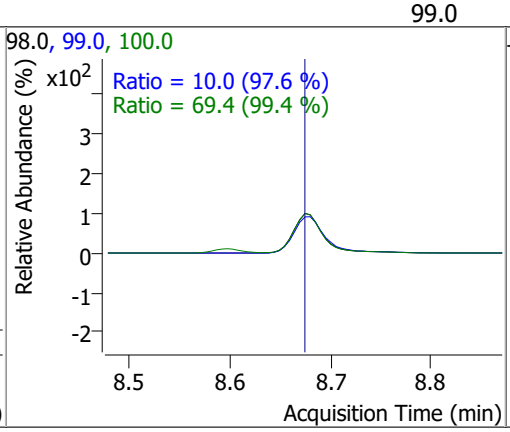


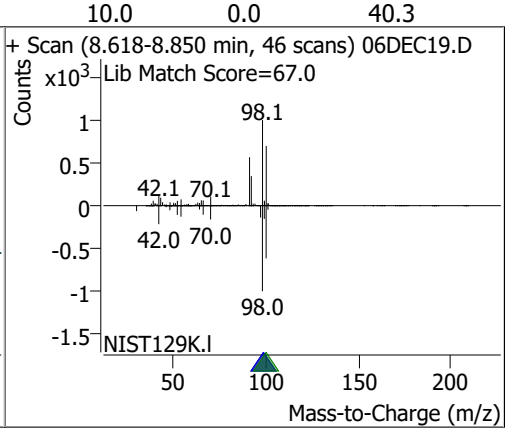




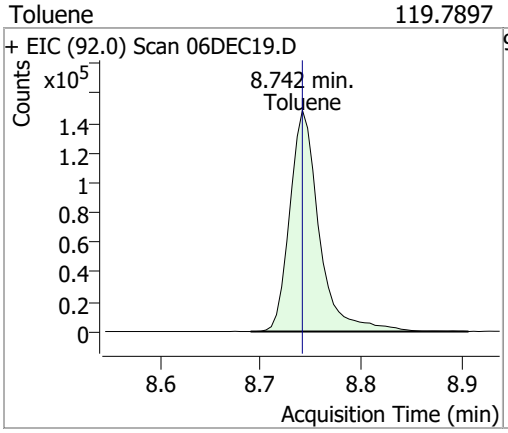
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	238.2899	8.67	0.01	875149	100.0	69.4	39.9	99.9
					99.0	10.0	0.0	40.3

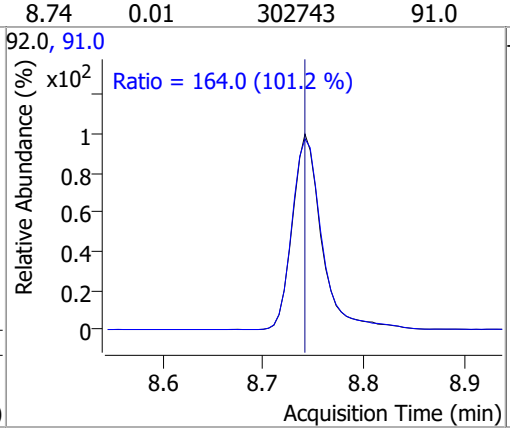


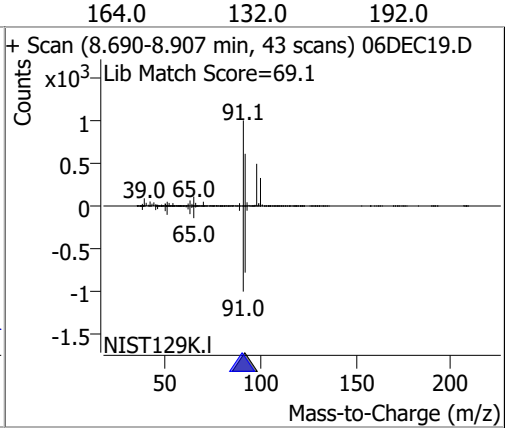




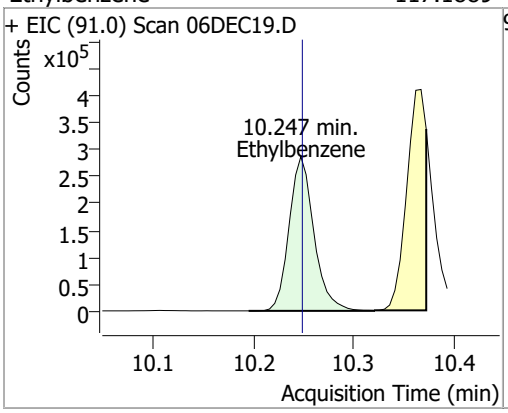
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	119.7897	8.74	0.01	302743	91.0	164.0	132.0	192.0

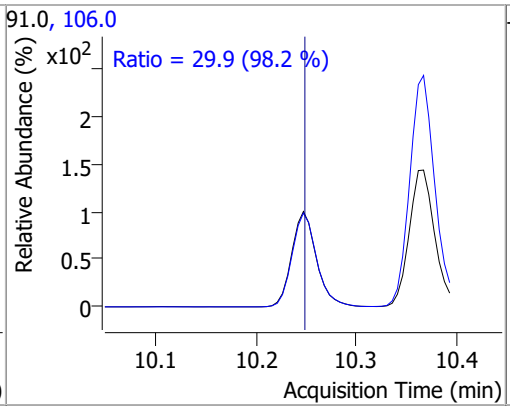


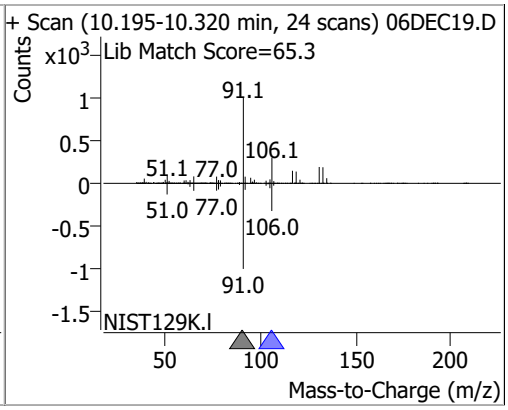




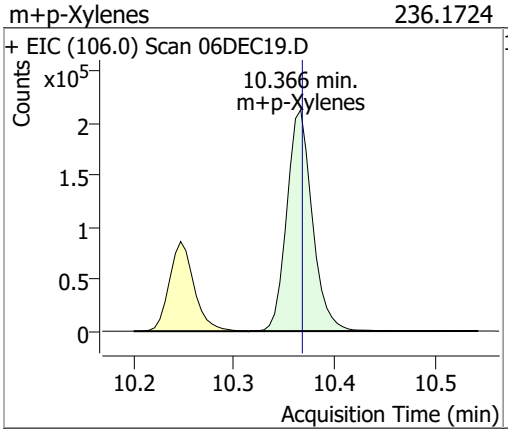
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	117.1889	10.25	0.01	489992	106.0	29.9	0.4	60.4

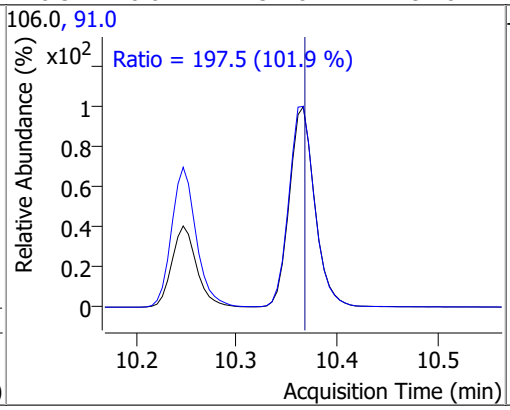


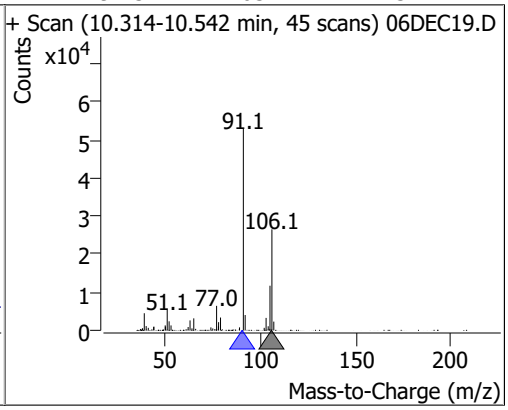




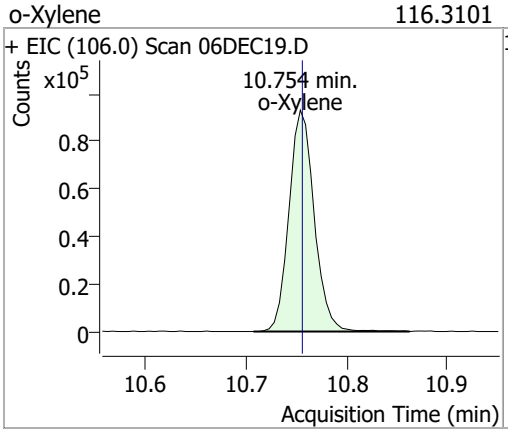
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	236.1724	10.37	0.01	372827	91.0	197.5	163.7	223.7

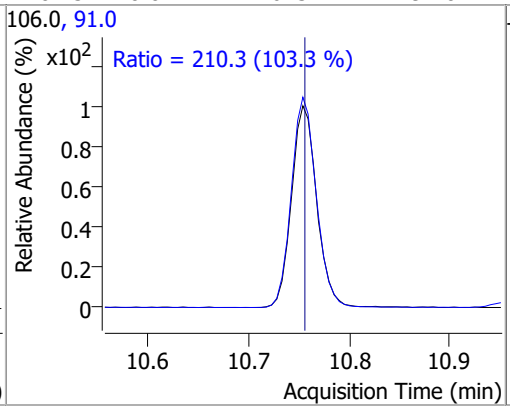


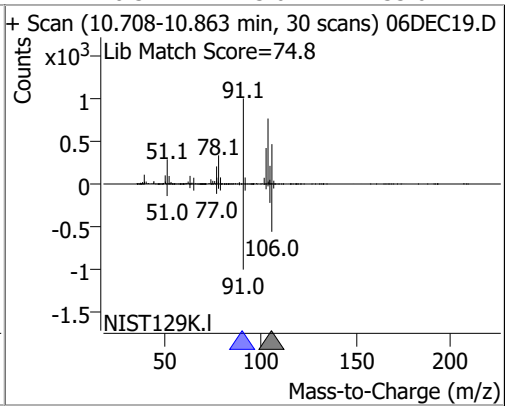




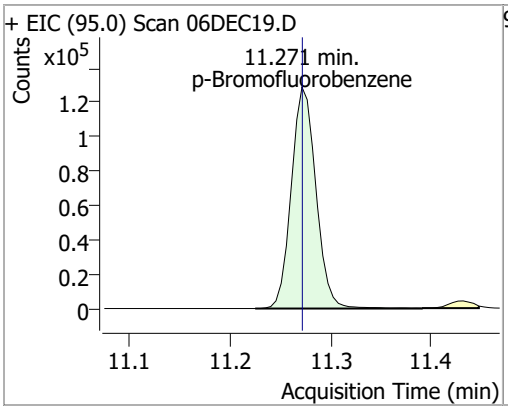
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	116.3101	10.75	0.01	162327	91.0	210.3	173.6	233.6

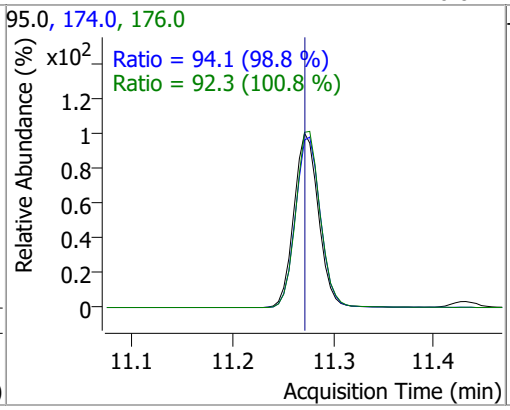


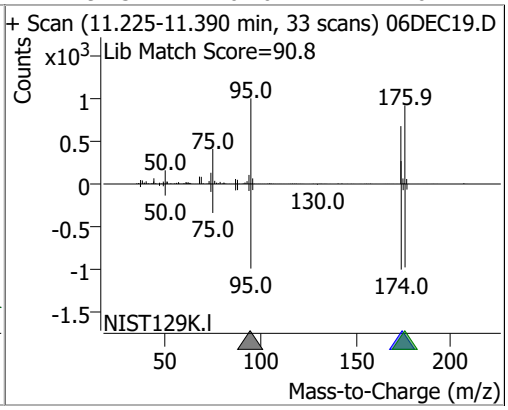




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	243.7673	11.27	0.01	219736	174.0	94.1	65.3	125.3
					176.0	92.3	61.6	121.6







Batch name and path: D:\Org\Data\SV5972.I\SB120621\QuantResults\SB120621_8260B_624pt1.batch.bin
Quant batch version: 10.0
Quant reporting version: 10.0

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdNewBatchTable	BL2000\steve	12/6/2021 12:31:26 PM	Create new batch D:\Org\Data\SV5972.I\SB120621\SB120621_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/6/2021 12:31:39 PM	Add samples from worklist: D:\Org\Data\SV5972.I\SB120621\06DEC03.D, D:\Org\Data\SV5972.I\SB120621\06DEC02.D, D:\Org\Data\SV5972.I\SB120621\06DEC01.D			✓	
CmdSetSampleAttribute	BL2000\steve	12/6/2021 12:31:55 PM	Set SampleType = TuneCheck for sample 06DEC02.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/6/2021 12:32:02 PM	Set SampleType = CC for sample 06DEC03.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/6/2021 12:32:10 PM	Set LevelName = CC for sample 06DEC03.D; previous value =			✓	
CmdStartMethodEditing	BL2000\steve	12/6/2021 12:33:17 PM	Start method editing			✓	
CmdImportMethodFromBatch	BL2000\steve	12/6/2021 12:33:20 PM	Import method from batch D:\Org\Data\SV5972.I\SB120321\SB120321_8260B_624pt1.batch.bin			✓	
CmdApplyMethodToAllSamples	BL2000\steve	12/6/2021 12:33:28 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\steve	12/6/2021 12:33:28 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\steve	12/6/2021 12:33:28 PM	End method editing			✓	
CmdQuantitate	BL2000\steve	12/6/2021 12:33:33 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/6/2021 12:34:22 PM	Manually integrate qualifier127.0 of compound Naphthalene in sample 06DEC03.D from x, y = 14.540, 0 to 14.608, 0; result = 1388			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 12:34:42 PM	Save batch D:\Org\Data\SV5972.I\SB120621\QuantResults\SB120621_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 12:34:58 PM	Save batch D:\Org\Data\SV5972.I\SB120621\QuantResults\SB120621_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/6/2021 1:15:39 PM	Add samples from worklist: D:\Org\Data\SV5972.I\SB120621\06DEC05.D, D:\Org\Data\SV5972.I\SB120621\06DEC04.D			✓	
CmdSetSampleAttribute	BL2000\steve	12/6/2021 1:15:49 PM	Set SampleType = QC for sample 06DEC04.D; previous value = Sample			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\steve	12/6/2021 1:15:57 PM	Set LevelName = QC for sample 06DEC04.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/6/2021 1:16:06 PM	Set SampleInformation = LCSA for sample 06DEC04.D; previous value =			✓	
CmdQuantitate	BL2000\steve	12/6/2021 1:16:16 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/6/2021 1:16:55 PM	Manually integrate qualifier127.0 of compound Naphthalene in sample 06DEC04.D from x, y = 14.540, 0 to 14.628, 0; result = 1492			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 1:16:59 PM	Save batch D:\Org\Data\SV5972.I\SB120621\QuantResults\SB120621_8260B_624pt1.batch.bin			✓	
CmdQuantitate	BL2000\steve	12/6/2021 1:17:07 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 1:17:16 PM	Save batch D:\Org\Data\SV5972.I\SB120621\QuantResults\SB120621_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 1:38:18 PM	Save batch D:\Org\Data\SV5972.I\SB120621\QuantResults\SB120621_8260B_624pt1.batch.bin			✓	
CmdOpenBatchTable	BL2000\steve	12/6/2021 1:46:02 PM	Open batch D:\Org\Data\SV5972.I\SB120621\SB120621_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/6/2021 1:56:00 PM	Add samples from worklist: D:\Org\Data\SV5972.I\SB120621\06DEC06.D			✓	
CmdSetSampleAttribute	BL2000\steve	12/6/2021 1:56:06 PM	Set SampleType = Blank for sample 06DEC06.D; previous value = Sample			✓	
CmdQuantitate	BL2000\steve	12/6/2021 1:56:13 PM	Quantitate all compounds in all samples			✓	
CmdStartMethodEditing	BL2000\steve	12/6/2021 1:57:03 PM	Start method editing			✓	
CmdImportMethodFromFile	BL2000\steve	12/6/2021 1:57:03 PM	Import method from file \\MASSHUNTER\Org\Data\Methods\Quant\SV5972\SV5972_120321_CAL\SV5972_8260B_624pt1_BTEX_L4_120321.m			✓	
CmdApplyMethodToAllSamples	BL2000\steve	12/6/2021 1:57:10 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\steve	12/6/2021 1:57:10 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\steve	12/6/2021 1:57:10 PM	End method editing			✓	
CmdQuantitate	BL2000\steve	12/6/2021 1:57:12 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/6/2021 1:58:32 PM	Manually integrate compound m+p-Xylenes in sample 06DEC06.D from x, y = 10.340, 0 to 10.397, 0; result = 320			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdClearManualIntegration	BL2000\steve	12/6/2021 1:58:35 PM	Clear manual integration of target signal for compound m+p-Xylenes in sample 06DEC06.D				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Integrator did not find any peaks at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ClearManualIntegration() at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdClearManualIntegration.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdSaveBatchTable	BL2000\steve	12/6/2021 1:58:48 PM	Save batch D:\Org\Data\SV5972.I\SB120621\QuantResults\SB120621_8260B_624pt1.batch.bin			✓	
CmdStartMethodEditing	BL2000\steve	12/6/2021 1:58:59 PM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\steve	12/6/2021 1:58:59 PM	Import method from sample 06DEC06.D			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\steve	12/6/2021 1:59:59 PM	Set CCResponseRatioLimitLow = 80 for compound Benzene; previous value = 70			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\steve	12/6/2021 2:00:03 PM	Set CCResponseRatioLimitLow = 80 for compound 1,2-Dichloroethane; previous value = 70			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\steve	12/6/2021 2:00:06 PM	Set CCResponseRatioLimitLow = 80 for compound m+p-Xylenes; previous value = 70			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\steve	12/6/2021 2:00:11 PM	Set CCResponseRatioLimitLow = 80 for compound o-Xylene; previous value = 70			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\steve	12/6/2021 2:00:22 PM	Set CCResponseRatioLimitLow = 80 for compound Dibromofluoromethane; previous value = 70			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\steve	12/6/2021 2:00:28 PM	Set CCResponseRatioLimitLow = 80 for compound 1,2-Dichloroethane-d4; previous value = 70			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\steve	12/6/2021 2:00:28 PM	Set CCResponseRatioLimitLow = 80 for compound Toluene-d8; previous value = 70			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\steve	12/6/2021 2:00:28 PM	Set CCResponseRatioLimitLow = 80 for compound p-Bromofluorobenzene; previous value = 70			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\steve	12/6/2021 2:00:28 PM	No parameter change for CCResponseRatioLimitLow			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetMethodTargetCompoundAttribute	BL2000\steve	12/6/2021 2:00:28 PM	No parameter change for CCResponseRatioLimitLow			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\steve	12/6/2021 2:00:28 PM	No parameter change for CCResponseRatioLimitLow			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\steve	12/6/2021 2:00:28 PM	No parameter change for CCResponseRatioLimitLow			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\steve	12/6/2021 2:00:28 PM	No parameter change for CCResponseRatioLimitLow			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\steve	12/6/2021 2:00:28 PM	No parameter change for CCResponseRatioLimitLow			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\steve	12/6/2021 2:00:34 PM	Set CCResponseRatioLimitHigh = 120 for compound Dibromofluoromethane; previous value = 130			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\steve	12/6/2021 2:00:38 PM	Set CCResponseRatioLimitHigh = 120 for compound 1,2-Dichloroethane-d4; previous value = 130			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\steve	12/6/2021 2:00:38 PM	Set CCResponseRatioLimitHigh = 120 for compound Toluene-d8; previous value = 130			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\steve	12/6/2021 2:00:38 PM	Set CCResponseRatioLimitHigh = 120 for compound p-Bromofluorobenzene; previous value = 130			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\steve	12/6/2021 2:00:38 PM	Set CCResponseRatioLimitHigh = 120 for compound Benzene; previous value = 130			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\steve	12/6/2021 2:00:38 PM	Set CCResponseRatioLimitHigh = 120 for compound 1,2-Dichloroethane; previous value = 130			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\steve	12/6/2021 2:00:38 PM	No parameter change for CCResponseRatioLimitHigh			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\steve	12/6/2021 2:00:38 PM	No parameter change for CCResponseRatioLimitHigh			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\steve	12/6/2021 2:00:38 PM	Set CCResponseRatioLimitHigh = 120 for compound m+p-Xylenes; previous value = 130			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\steve	12/6/2021 2:00:38 PM	Set CCResponseRatioLimitHigh = 120 for compound o-Xylene; previous value = 130			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\steve	12/6/2021 2:02:03 PM	Set AccuracyMaximumPercentDeviation = 20 for compound Dibromofluoromethane; previous value = 30			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\steve	12/6/2021 2:02:06 PM	Set AccuracyMaximumPercentDeviation = 20 for compound 1,2-Dichloroethane-d4; previous value = 30			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\steve	12/6/2021 2:02:09 PM	Set AccuracyMaximumPercentDeviation = 20 for compound Toluene-d8; previous value = 30			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetMethodTargetCompoundAttribute	BL2000\steve	12/6/2021 2:02:14 PM	Set AccuracyMaximumPercentDeviation = 20 for compound p-Bromofluorobenzene; previous value = 30			✓	
CmdApplyMethodToAllSamples	BL2000\steve	12/6/2021 2:02:35 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\steve	12/6/2021 2:02:35 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\steve	12/6/2021 2:02:36 PM	End method editing			✓	
CmdQuantitate	BL2000\steve	12/6/2021 2:02:37 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 2:03:03 PM	Save batch D:\Org\Data\SV5972.I\SB120621\QuantResults\SB120621_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 2:23:10 PM	Save batch D:\Org\Data\SV5972.I\SB120621\QuantResults\SB120621_8260B_624pt1.batch.bin			✓	
CmdOpenBatchTable	BL2000\steve	12/6/2021 2:25:12 PM	Open batch D:\Org\Data\SV5972.I\SB120621\SB120621_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/6/2021 3:34:19 PM	Add samples from worklist: D:\Org\Data\SV5972.I\SB120621\06DEC09.D, D:\Org\Data\SV5972.I\SB120621\06DEC08.D, D:\Org\Data\SV5972.I\SB120621\06DEC07.D			✓	
CmdQuantitate	BL2000\steve	12/6/2021 3:34:34 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/6/2021 3:36:02 PM	Manually integrate compound Toluene in sample 06DEC07.D from x, y = 8.706, 0 to 8.794, 0; result = 963			✓	
CmdClearManualIntegration	BL2000\steve	12/6/2021 3:36:06 PM	Clear manual integration of target signal for compound Toluene in sample 06DEC07.D				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Integrator did not find any peaks at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ClearManualIntegration() at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdClearManualIntegration.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\steve	12/6/2021 3:36:21 PM	Manually integrate compound Ethylbenzene in sample 06DEC07.D from x, y = 10.222, 0 to 10.284, 0; result = 806			✓	
CmdClearManualIntegration	BL2000\steve	12/6/2021 3:36:25 PM	Clear manual integration of target signal for compound Ethylbenzene in sample 06DEC07.D				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Integrator did not find any peaks at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ClearManualIntegration() at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdClearManualIntegration.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegratePeak	BL2000\steve	12/6/2021 3:36:59 PM	Manually integrate compound m+p-Xylenes in sample 06DEC07.D from x, y = 10.341, 0 to 10.413, 0; result = 638			✓	
CmdClearManualIntegration	BL2000\steve	12/6/2021 3:37:03 PM	Clear manual integration of target signal for compound m+p-Xylenes in sample 06DEC07.D				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Integrator did not find any peaks at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ClearManualIntegration() at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdClearManualIntegration.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegratePeak	BL2000\steve	12/6/2021 3:37:54 PM	Manually integrate compound Toluene in sample 06DEC08.D from x, y = 8.716, 0 to 8.788, 0; result = 802			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdClearManualIntegration	BL2000\steve	12/6/2021 3:37:56 PM	Clear manual integration of target signal for compound Toluene in sample 06DEC08.D				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Integrator did not find any peaks at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ClearManualIntegration() at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdClearManualIntegration.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdSaveBatchTable	BL2000\steve	12/6/2021 3:38:37 PM	Save batch D:\Org\Data\SV5972.I\SB120621\QuantResults\SB120621_8260B_624pt1.batch.bin			✓	
CmdStartMethodEditing	BL2000\steve	12/6/2021 3:40:23 PM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\steve	12/6/2021 3:40:23 PM	Import method from sample 06DEC09.D			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\steve	12/6/2021 3:41:37 PM	Set CompoundGroup = for compound 1,2-Dichloroethane; previous value = BTEX			✓	
CmdApplyMethodToAllSamples	BL2000\steve	12/6/2021 3:41:47 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\steve	12/6/2021 3:41:47 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\steve	12/6/2021 3:41:47 PM	End method editing			✓	
CmdQuantitate	BL2000\steve	12/6/2021 3:41:49 PM	Quantitate all compounds in all samples			✓	
CmdStartMethodEditing	BL2000\steve	12/6/2021 3:42:32 PM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\steve	12/6/2021 3:42:32 PM	Import method from sample 06DEC03.D			✓	
CmdMethodClear	BL2000\steve	12/6/2021 3:42:57 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\steve	12/6/2021 3:42:57 PM	End method editing			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 3:43:04 PM	Save batch D:\Org\Data\SV5972.I\SB120621\QuantResults\SB120621_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 3:43:24 PM	Save batch D:\Org\Data\SV5972.I\SB120621\QuantResults\SB120621_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/6/2021 4:02:31 PM	Add samples from worklist: D:\Org\Data\SV5972.I\SB120621\06DEC10.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdQuantitate	BL2000\steve	12/6/2021 4:02:51 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 4:03:34 PM	Save batch D:\Org\Data\SV5972.I\SB120621\QuantResults\SB120621_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/6/2021 4:23:51 PM	Add samples from worklist: D:\Org\Data\SV5972.I\SB120621\06DEC11.D			✓	
CmdQuantitate	BL2000\steve	12/6/2021 4:24:05 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/6/2021 4:24:50 PM	Manually integrate compound Toluene in sample 06DEC11.D from x, y = 8.710, 0 to 8.782, 0; result = 1136			✓	
CmdClearManualIntegration	BL2000\steve	12/6/2021 4:24:53 PM	Clear manual integration of target signal for compound Toluene in sample 06DEC11.D				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Integrator did not find any peaks at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ClearManualIntegration() at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdClearManualIntegration.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdSaveBatchTable	BL2000\steve	12/6/2021 4:25:09 PM	Save batch D:\Org\Data\SV5972.I\SB120621\QuantResults\SB120621_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 4:44:02 PM	Save batch D:\Org\Data\SV5972.I\SB120621\QuantResults\SB120621_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 4:45:06 PM	Save batch D:\Org\Data\SV5972.I\SB120621\QuantResults\SB120621_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 4:57:52 PM	Save batch D:\Org\Data\SV5972.I\SB120621\QuantResults\SB120621_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/6/2021 4:59:40 PM	Add samples from worklist: D:\Org\Data\SV5972.I\SB120621\06DEC12.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdQuantitate	BL2000\steve	12/6/2021 4:59:51 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 5:00:29 PM	Save batch D:\Org\Data\SV5972.I\SB120621\QuantResults\SB120621_8260B_624pt1.batch.bin			✓	
CmdOpenBatchTable	BL2000\steve	12/7/2021 9:30:20 AM	Open batch D:\Org\Data\SV5972.I\SB120621\SB120621_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/7/2021 9:31:20 AM	Add samples from worklist: D:\Org\Data\SV5972.I\SB120621\06DEC22.D, D:\Org\Data\SV5972.I\SB120621\06DEC21.D, D:\Org\Data\SV5972.I\SB120621\06DEC20.D, D:\Org\Data\SV5972.I\SB120621\06DEC19.D, D:\Org\Data\SV5972.I\SB120621\06DEC18.D, D:\Org\Data\SV5972.I\SB120621\06DEC17.D, D:\Org\Data\SV5972.I\SB120621\06DEC16.D, D:\Org\Data\SV5972.I\SB120621\06DEC15.D, D:\Org\Data\SV5972.I\SB120621\06DEC14.D, D:\Org\Data\SV5972.I\SB120621\06DEC13.D			✓	
CmdSetSampleAttribute	BL2000\steve	12/7/2021 9:31:35 AM	Set SampleType = Matrix for sample 06DEC17.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/7/2021 9:31:42 AM	Set SampleType = MatrixDup for sample 06DEC18.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/7/2021 9:32:44 AM	Set SampleInformation = LCSA for sample 06DEC17.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/7/2021 9:32:54 AM	Set SampleInformation = LCSA for sample 06DEC18.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/7/2021 9:33:00 AM	Set MatrixSpikeGroup = 4 for sample 06DEC18.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/7/2021 9:33:03 AM	Set MatrixSpikeGroup = 4 for sample 06DEC17.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/7/2021 9:33:13 AM	Set MatrixSpikeGroup = 4 for sample 06DEC11.D; previous value =			✓	
CmdQuantitate	BL2000\steve	12/7/2021 9:34:04 AM	Quantitate all compounds in all samples			✓	
CmdZeroOutPeak	BL2000\steve	12/7/2021 9:36:03 AM	Zero out primary peak of compound Toluene in sample 06DEC14.D			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/7/2021 9:36:50 AM	Manually integrate compound Benzene in sample 06DEC15.D from x, y = 6.673, 0 to 6.725, 0; result = 542			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdClearManualIntegration	BL2000\steve	12/7/2021 9:36:52 AM	Clear manual integration of target signal for compound Benzene in sample 06DEC15.D				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Integrator did not find any peaks at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ClearManualIntegration() at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdClearManualIntegration.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\steve	12/7/2021 9:37:35 AM	Manually integrate compound Toluene in sample 06DEC16.D from x, y = 8.701, 0 to 8.773, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B21120396-001C. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B21120396-001C. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QuantifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegratePeak	BL2000\steve	12/7/2021 9:37:49 AM	Manually integrate compound m+p-Xylenes in sample 06DEC16.D from x, y = 10.340, 0 to 10.392, 0; result = 414			✓	
CmdClearManualIntegration	BL2000\steve	12/7/2021 9:37:52 AM	Clear manual integration of target signal for compound m+p-Xylenes in sample 06DEC16.D				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Integrator did not find any peaks at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ClearManualIntegration() at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdClearManualIntegration.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdSetSampleAttribute	BL2000\steve	12/7/2021 9:38:30 AM	Set SampleInformation = MatrixA for sample 06DEC17.D; previous value = LCSA			✓	
CmdSetSampleAttribute	BL2000\steve	12/7/2021 9:38:38 AM	Set SampleInformation = MatrixA for sample 06DEC18.D; previous value = LCSA			✓	
CmdQuantitate	BL2000\steve	12/7/2021 9:38:46 AM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\steve	12/7/2021 9:39:19 AM	Set SampleType = CC for sample 06DEC19.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/7/2021 9:39:26 AM	Set LevelName = CC for sample 06DEC19.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdQuantitate	BL2000\steve	12/7/2021 9:39:32 AM	Quantitate all compounds in all samples			✓	
CmdZeroOutPeak	BL2000\steve	12/7/2021 9:40:02 AM	Zero out primary peak of compound Ethylbenzene in sample 06DEC20.D			✓	
CmdSaveBatchTable	BL2000\steve	12/7/2021 9:40:13 AM	Save batch D:\Org\Data\SV5972.I\SB120621\QuantResults\SB120621_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/7/2021 10:50:29 AM	Save batch D:\Org\Data\SV5972.I\SB120621\QuantResults\SB120621_8260B_624pt1.batch.bin			✓	
CmdOpenBatchTable	BL2000\steve	12/7/2021 3:40:59 PM	Open batch D:\Org\Data\SV5972.I\SB120621\SB120621_8260B_624pt1.batch.bin			✓	
CmdQuantitate	BL2000\steve	12/7/2021 3:42:05 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/7/2021 3:42:08 PM	Save batch D:\Org\Data\SV5972.I\SB120621\QuantResults\SB120621_8260B_624pt1.batch.bin			✓	
CmdSetSampleAttribute	BL2000\steve	12/7/2021 4:06:22 PM	Set UserDefined = pH<2 for sample 06DEC07.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/7/2021 4:06:34 PM	Set UserDefined = pH<2 for sample 06DEC08.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/7/2021 4:06:37 PM	Set UserDefined = pH<2 for sample 06DEC09.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/7/2021 4:06:39 PM	Set UserDefined = pH<2 for sample 06DEC10.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/7/2021 4:06:42 PM	Set UserDefined = pH<2 for sample 06DEC11.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/7/2021 4:06:45 PM	Set UserDefined = pH<2 for sample 06DEC12.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/7/2021 4:06:47 PM	Set UserDefined = pH<2 for sample 06DEC13.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/7/2021 4:06:50 PM	Set UserDefined = pH<2 for sample 06DEC14.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/7/2021 4:06:53 PM	Set UserDefined = pH<2 for sample 06DEC15.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/7/2021 4:06:56 PM	Set UserDefined = pH<2 for sample 06DEC16.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/7/2021 4:06:59 PM	Set UserDefined = pH<2 for sample 06DEC17.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/7/2021 4:07:02 PM	Set UserDefined = pH<2 for sample 06DEC18.D; previous value =			✓	
CmdSaveBatchTable	BL2000\steve	12/7/2021 4:07:05 PM	Save batch D:\Org\Data\SV5972.I\SB120621\QuantResults\SB120621_8260B_624pt1.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSaveBatchTable	BL2000\steve	12/7/2021 4:24:27 PM	Save batch D:\Org\Data\SV5972.I\SB120621\QuantResults\SB120621_8260B_624pt1.batch.bin			✓	
CmdOpenBatchTable	BL2000\steve	12/8/2021 2:22:34 PM	Open batch D:\Org\Data\SV5972.I\SB120621\SB120621_8260B_624pt1.batch.bin			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 2:31:27 PM	Set SampleApproved = True for sample 06DEC02.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 2:31:29 PM	Set SampleApproved = True for sample 06DEC03.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 2:31:31 PM	Set SampleApproved = True for sample 06DEC04.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 2:31:32 PM	Set SampleApproved = True for sample 06DEC05.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 2:31:34 PM	Set SampleApproved = True for sample 06DEC06.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 2:31:35 PM	Set SampleApproved = True for sample 06DEC07.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 2:31:37 PM	Set SampleApproved = True for sample 06DEC08.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 2:31:38 PM	Set SampleApproved = True for sample 06DEC09.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 2:31:40 PM	Set SampleApproved = True for sample 06DEC11.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 2:31:42 PM	Set SampleApproved = True for sample 06DEC10.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 2:31:49 PM	Set SampleApproved = False for sample 06DEC05.D; previous value = True			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 2:32:01 PM	Set SampleApproved = True for sample 06DEC12.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 2:32:03 PM	Set SampleApproved = True for sample 06DEC13.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 2:32:05 PM	Set SampleApproved = True for sample 06DEC14.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 2:32:07 PM	Set SampleApproved = True for sample 06DEC15.D; previous value = False			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\steve	12/8/2021 2:32:10 PM	Set SampleApproved = True for sample 06DEC16.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 2:32:12 PM	Set SampleApproved = True for sample 06DEC17.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 2:32:14 PM	Set SampleApproved = True for sample 06DEC19.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 2:32:18 PM	Set SampleApproved = True for sample 06DEC18.D; previous value = False			✓	
CmdQuantitate	BL2000\steve	12/8/2021 2:32:38 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/8/2021 2:32:55 PM	Save batch D:\Org\Data\SV5972.I\SB120621\QuantResults\SB120621_8260B_624pt1.batch.bin			✓	
GenerateReport	BL2000\steve	12/8/2021 2:35:16 PM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\SampleSequence\CC_mid_rpt.m, Output Path: D:\Org\Data\SV5972.I\SB120621\QuantReports\SB120621_8260B_624pt1			✓	
CmdCalibrate	BL2000\steve	12/8/2021 2:36:21 PM	Replace level CC with CC sample 06DEC03.D for compounds {p-Bromofluorobenzene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, Toluene-d8, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, Dibromofluoromethane};			✓	
CmdQuantitate	BL2000\steve	12/8/2021 2:36:30 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/8/2021 2:36:34 PM	Save batch D:\Org\Data\SV5972.I\SB120621\QuantResults\SB120621_8260B_624pt1.batch.bin			✓	
GenerateReport	BL2000\steve	12/8/2021 2:37:15 PM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\SampleSequence\CC_mid_rpt.m, Output Path: D:\Org\Data\SV5972.I\SB120621\QuantReports\SB120621_8260B_624pt1-1			✓	
CmdStartMethodEditing	BL2000\steve	12/8/2021 2:38:40 PM	Start method editing			✓	
CmdImportMethodFromFile	BL2000\steve	12/8/2021 2:38:41 PM	Import method from file \\MASSHUNTER\Org\Data\Methods\Quant\SV5972\SV5972_120321_CAL\SV5972_8260B_624pt1_BTEX_L4_120321.m			✓	
CmdApplyMethodToAllSamples	BL2000\steve	12/8/2021 2:38:53 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\steve	12/8/2021 2:38:53 PM	Clear method			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdEndMethodEditing	BL2000\steve	12/8/2021 2:38:54 PM	End method editing			✓	
CmdQuantitate	BL2000\steve	12/8/2021 2:38:57 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/8/2021 2:39:03 PM	Save batch D:\Org\Data\SV5972.I\SB120621\QuantResults\SB120621_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/8/2021 2:39:44 PM	Save batch D:\Org\Data\SV5972.I\SB120621\QuantResults\SB120621_8260B_624pt1.batch.bin			✓	
GenerateReport	BL2000\steve	12/8/2021 2:40:27 PM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\SampleSequence\CC_mid_rpt.m, Output Path: D:\Org\Data\SV5972.I\SB120621\QuantReports\SB120621_8260B_624pt1-2			✓	
CmdCalibrate	BL2000\steve	12/8/2021 2:41:17 PM	Replace level CC with CC sample 06DEC03.D for compounds {p-Bromofluorobenzene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, Toluene-d8, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, Dibromofluoromethane};			✓	
CmdQuantitate	BL2000\steve	12/8/2021 2:41:23 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/8/2021 2:41:26 PM	Save batch D:\Org\Data\SV5972.I\SB120621\QuantResults\SB120621_8260B_624pt1.batch.bin			✓	
GenerateReport	BL2000\steve	12/8/2021 2:42:10 PM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\SampleSequence\CC_mid_rpt.m, Output Path: D:\Org\Data\SV5972.I\SB120621\QuantReports\SB120621_8260B_624pt1-3			✓	
CmdCalibrate	BL2000\steve	12/8/2021 2:46:49 PM	Replace level CC with CC sample 06DEC19.D for compounds {p-Bromofluorobenzene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, Toluene-d8, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, Dibromofluoromethane};			✓	
CmdQuantitate	BL2000\steve	12/8/2021 2:46:55 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/8/2021 2:46:58 PM	Save batch D:\Org\Data\SV5972.I\SB120621\QuantResults\SB120621_8260B_624pt1.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
GenerateReport	BL2000\steve	12/8/2021 2:47:48 PM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\SampleSequence\CC_mid_rpt.m, Output Path: D:\Org\Data\SV5972.I\SB120621\QuantReports\SB120621_8260B_624pt1-4			✓	

Energy Laboratories Inc

ANALYTICAL RUN Summary

13-Dec-21

Run ID SV5972.I_211210A

Run Start Date:	12/10/2021
Analyst:	Steve Dilts
Ical:	0
Column ID:	DB-624
Comments:	

Std ID	Std Name	Std Amount	Std Units	Samp Amount	Samp Units	SampType	Expiration Date
VOCF3497B	Liquids	1.05	ul	42	ml	CCV	12/11/2021
VOCF3505B	2nd Source Liquids	1.05	ul	42	ml	LCS, MS, M	12/23/2021
VOCF3517	Internal Standard / Surrogates (INT/SURR)	8.4	ul	42	ml	all (TUNE =	12/31/2022

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14918724	10DEC02_D_T	VOC-8260-BFB	TUNE	V5972.I\SB121021	12/10/2021 10:1	1	R371671		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
173, % of mass 174	A	%	0	0		100	0	0	0	0	0	0%	0	1.99	0%	
174, % of mass 95	A	%	93.5	93.5		100	0	0	0	0	0	94%	50	99.99	0%	
175, % of mass 174	A	%	8	8		100	0	0	0	0	0	8%	5	9	0%	
176, % of mass 174	A	%	99.8	99.8		100	0	0	0	0	0	100%	95	101	0%	
177, % of mass 176	A	%	6.6	6.6		100	0	0	0	0	0	7%	5	9	0%	
50, % of mass 95	A	%	16.1	16.1		100	0	0	0	0	0	16%	15	40	0%	
75, % of mass 95	A	%	41.4	41.4		100	0	0	0	0	0	41%	30	60	0%	
95, Base Peak	A	%	100	100		100	0	0	0	0	0	100%	0	100	0%	
96, % of mass 95	A	%	6.6	6.6		100	0	0	0	0	0	7%	5	9	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14918725	CCV121021	VOC-8260-W-Q	CCV	V5972.I\SB121021	12/10/2021 10:4	1	R371671		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	117.30279	4.6921116		5	0	0	0.0481	0.5	500	94%	80	120	0%	
Ethylbenzene	A	ug/L	114.80522	4.5922088		5	0	0	0.05	0.5	500	92%	80	120	0%	
m+p-Xylenes	A	ug/L	226.98033	9.0792132		10	0	0	0.0688	0.5	1000	91%	80	120	0%	
o-Xylene	A	ug/L	113.8314	4.553256		5	0	0	0.0436	0.5	500	91%	80	120	0%	

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Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14918725	CCV121021	VOC-8260-W-Q	CCV	V5972.I\SB121021	2/10/2021 10:4	1	R371671		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Toluene	A	ug/L	121.58679	4.8634716		5	0	0	0.0606	0.5	500	97%	80	120	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	340.81173	13.6324692		15	0	0	0.0436	0.5	1500	91%	80	120	0%	
1,2-Dichloroethane-d4	S	ug/L	236.57694	9.4630776		10	0	0	0.0944	0.5	500	95%	80	120	0%	
Dibromofluoromethane	S	ug/L	248.42192	9.9368768		10	0	0	0.07	0.5	500	99%	80	120	0%	
p-Bromofluorobenzene	S	ug/L	249.8496	9.993984		10	0	0	0.112	0.5	500	100%	80	120	0%	
Toluene-d8	S	ug/L	245.57854	9.8231416		10	0	0	0.081	0.5	500	98%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14918726	LCS121021	VOC-8260-W-Q	LCS-DOD	V5972.I\SB121021	2/10/2021 11:0	1	R371671		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	115.66498	4.6265992		5	0	0	0.0481	0.5	500	93%	79	120	0%	
Ethylbenzene	A	ug/L	115.14788	4.6059152		5	0	0	0.05	0.5	500	92%	79	121	0%	
m+p-Xylenes	A	ug/L	222.15756	8.8863024		10	0	0	0.0688	0.5	1000	89%	80	121	0%	
o-Xylene	A	ug/L	113.87898	4.5551592		5	0	0	0.0436	0.5	500	91%	78	122	0%	
Toluene	A	ug/L	113.54915	4.541966		5	0	0	0.0606	0.5	500	91%	80	121	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	336.03654	13.4414616		15	0	0	0.0436	0.5	1500	90%	79	121	0%	
1,2-Dichloroethane-d4	S	ug/L	239.80268	9.5921072		10	0	0	0.0944	0.5	500	96%	81	118	0%	
Dibromofluoromethane	S	ug/L	249.92096	9.9968384		10	0	0	0.07	0.5	500	100%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	254.78743	10.1914972		10	0	0	0.112	0.5	500	102%	85	114	0%	
Toluene-d8	S	ug/L	226.9773	9.079092		10	0	0	0.081	0.5	500	91%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14918727	MBLK121021	VOC-8260-W-Q	MBLK	V5972.I\SB121021	2/10/2021 12:0	1	R371671		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	0.5	500	0%	0	0	0%	
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	0.5	500	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14918727	MBLK121021	VOC-8260-W-Q	MBLK	V5972.I\SB121021	2/10/2021 12:0	1	R371671		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	0.5	1000	0%	0	0	0%	
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	0.5	500	0%	0	0	0%	
Toluene	A	ug/L	0	0		0	0	0	0.0606	0.5	500	0%	0	0	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	0.5	1500	0%	0	0	0%	
1,2-Dichloroethane-d4	S	ug/L	234.71667	9.3886668		10	0	0	0.0944	0.5	500	94%	81	118	0%	
Dibromofluoromethane	S	ug/L	250.09001	10.0036004		10	0	0	0.07	0.5	500	100%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	257.67563	10.3070252		10	0	0	0.112	0.5	500	103%	85	114	0%	
Toluene-d8	S	ug/L	233.43921	9.3375684		10	0	0	0.081	0.5	500	93%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14918737	B21120381-012	VOC-8260-W-B	SAMP	V5972.I\SB121021	2/10/2021 12:2	1	R371671		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	1	1000	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0606	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	0	0		0	0	0	0.0436	1	0	0%	0	0	0%	U
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	1	1500	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	238.42357	9.5369428		10	0	0	0.0944	0	0	95%	81	118	0%	
Dibromofluoromethane	S	ug/L	249.41821	9.9767284		10	0	0	0.07	0	0	100%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	250.47238	10.0188952		10	0	0	0.112	0	0	100%	85	114	0%	
Toluene-d8	S	ug/L	241.28474	9.6513896		10	0	0	0.081	0	0	97%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14918738	B21120800-003	VOC-8260-W-Q	SAMP	V5972.I\SB1210212/10/2021 6:20:		1	R371671		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	0.5	500	0%	0	0	0%	
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	0.5	500	0%	0	0	0%	
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	0.5	1000	0%	0	0	0%	
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	0.5	500	0%	0	0	0%	
Toluene	A	ug/L	0	0		0	0	0	0.0606	0.5	500	0%	0	0	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	0.5	1500	0%	0	0	0%	
1,2-Dichloroethane-d4	S	ug/L	240.73716	9.6294864		10	0	0	0.0944	0.5	500	96%	81	118	0%	
Dibromofluoromethane	S	ug/L	251.17664	10.0470656		10	0	0	0.07	0.5	500	100%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	256.00958	10.2403832		10	0	0	0.112	0.5	500	102%	85	114	0%	
Toluene-d8	S	ug/L	236.11108	9.4444432		10	0	0	0.081	0.5	500	94%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14918739	B21120800-003	VOC-8260-W-Q	MS-DOD	V5972.I\SB1210212/10/2021 6:46:		1	R371671		1E+07	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	115.91818	4.6367272		5	0	0	0.0481	0.5	500	93%	79	120	0%	
Ethylbenzene	A	ug/L	114.42678	4.5770712		5	0	0	0.05	0.5	500	92%	79	121	0%	
m+p-Xylenes	A	ug/L	224.71253	8.9885012		10	0	0	0.0688	0.5	1000	90%	80	121	0%	
o-Xylene	A	ug/L	116.87774	4.6751096		5	0	0	0.0436	0.5	500	94%	78	122	0%	
Toluene	A	ug/L	115.97038	4.6388152		5	0	0	0.0606	0.5	500	93%	80	121	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	341.59027	13.6636108		15	0	0	0.0436	0.5	1500	91%	79	121	0%	
1,2-Dichloroethane-d4	S	ug/L	235.92694	9.4370776		10	0	0	0.0944	0.5	500	94%	81	118	0%	
Dibromofluoromethane	S	ug/L	246.8603	9.874412		10	0	0	0.07	0.5	500	99%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	265.49371	10.6197484		10	0	0	0.112	0.5	500	106%	85	114	0%	
Toluene-d8	S	ug/L	236.84614	9.4738456		10	0	0	0.081	0.5	500	95%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14918740	B21120800-003	VOC-8260-W-Q	MSD-DOD	V5972.I\SB1210212/10/2021 7:14:		1	R371671		1E+07	1E+07	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	117.70577	4.7082308		5	0	4.6367272	0.0481	0.5	500	94%	79	120	2%	
Ethylbenzene	A	ug/L	113.76281	4.5505124		5	0	4.5770712	0.05	0.5	500	91%	79	121	1%	
m+p-Xylenes	A	ug/L	219.26772	8.7707088		10	0	8.9885012	0.0688	0.5	1000	88%	80	121	2%	
o-Xylene	A	ug/L	112.86487	4.5145948		5	0	4.6751096	0.0436	0.5	500	90%	78	122	3%	
Toluene	A	ug/L	116.83504	4.6734016		5	0	4.6388152	0.0606	0.5	500	93%	80	121	1%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	332.13259	13.2853036		15	0	13.663611	0.0436	0.5	1500	89%	79	121	3%	
1,2-Dichloroethane-d4	S	ug/L	241.72125	9.66885		10	0	0	0.0944	0.5	500	97%	81	118	0%	
Dibromofluoromethane	S	ug/L	251.11346	10.0445384		10	0	0	0.07	0.5	500	100%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	257.29122	10.2916488		10	0	0	0.112	0.5	500	103%	85	114	0%	
Toluene-d8	S	ug/L	238.98739	9.5594956		10	0	0	0.081	0.5	500	96%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14918741	CCV_CLOSING	VOC-8260-W-Q	CCV	V5972.I\SB1210212/10/2021 8:07:		1	R371671		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	117.62735	4.705094		5	0	0	0.0481	0.5	500	94%	50	150	0%	
Ethylbenzene	A	ug/L	116.32039	4.6528156		5	0	0	0.05	0.5	500	93%	50	150	0%	
m+p-Xylenes	A	ug/L	230.38437	9.2153748		10	0	0	0.0688	0.5	1000	92%	50	150	0%	
o-Xylene	A	ug/L	113.87642	4.5550568		5	0	0	0.0436	0.5	500	91%	50	150	0%	
Toluene	A	ug/L	114.90233	4.5960932		5	0	0	0.0606	0.5	500	92%	50	150	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	344.26079	13.7704316		15	0	0	0.0436	0.5	1500	92%	50	150	0%	
1,2-Dichloroethane-d4	S	ug/L	236.62042	9.4648168		10	0	0	0.0944	0.5	500	95%	50	150	0%	
Dibromofluoromethane	S	ug/L	244.41328	9.7765312		10	0	0	0.07	0.5	500	98%	50	150	0%	
p-Bromofluorobenzene	S	ug/L	248.04586	9.9218344		10	0	0	0.112	0.5	500	99%	50	150	0%	
Toluene-d8	S	ug/L	227.90698	9.1162792		10	0	0	0.081	0.5	500	91%	50	150	0%	

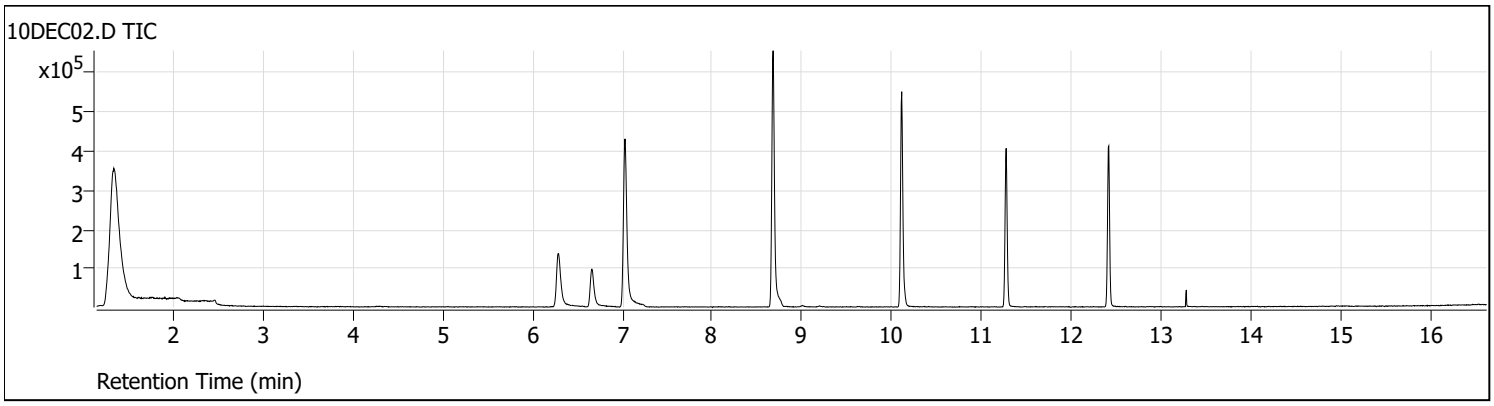
Injection Log

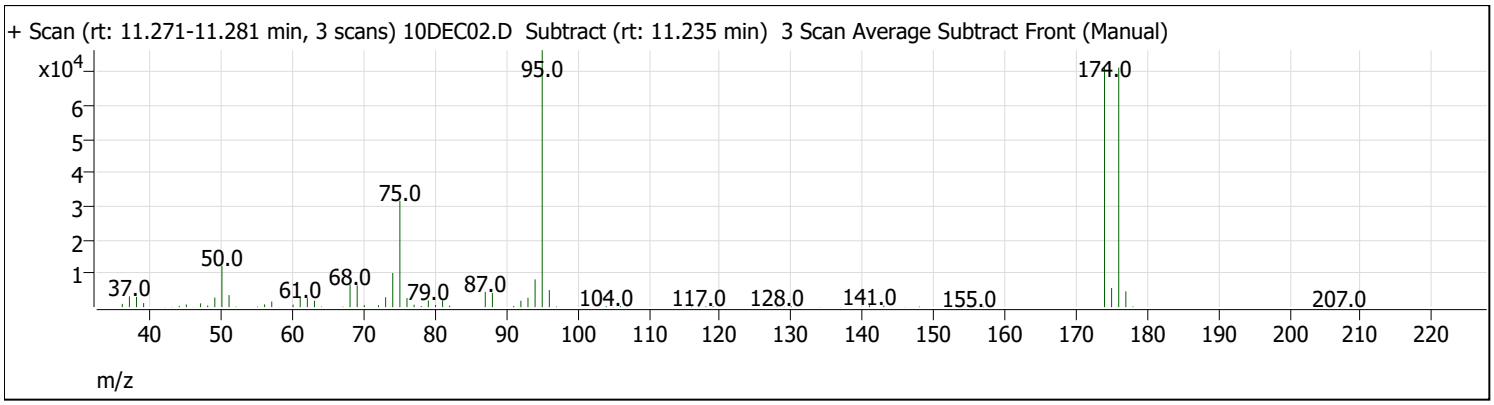
Directory: C:\HPCHEM\1\DATA\SB121021

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	10DEC01.D	1.	PRIMER		10 Dec 2021 09:51
2	2	10DEC02.D	1.	BFB121021		10 Dec 2021 10:16
3	3	10DEC03.D	1.	CCV121021		10 Dec 2021 10:42
4	4	10DEC04.D	1.	LCS121021		10 Dec 2021 11:07
5	5	10DEC05.D	1.	BLK121021		10 Dec 2021 11:34
6	6	10DEC06.D	1.	MBLK121021		10 Dec 2021 12:00
7	7	10DEC07.D	1.	B21120381-012A		10 Dec 2021 12:26
8	8	10DEC08.D	1.	B21120870-008A		10 Dec 2021 12:52
9	9	10DEC09.D	1.	B21120800-001F		10 Dec 2021 13:17
10	10	10DEC10.D	1.	B21120800-002F		10 Dec 2021 13:43
11	11	10DEC11.D	1.	B21120800-003F		10 Dec 2021 14:08
12	12	10DEC12.D	1.	B21120800-004F	10X	10 Dec 2021 14:57
13	13	10DEC13.D	1.	B21120800-005F	10X	10 Dec 2021 15:23
14	14	10DEC14.D	1.	BLK		10 Dec 2021 16:05
15	15	10DEC15.D	1.	B21120800-004F	100X	10 Dec 2021 16:31
16	16	10DEC16.D	1.	B21120800-005F	100X	10 Dec 2021 16:59
17	17	10DEC17.D	1.	B21120870-003J	500X	10 Dec 2021 17:26
18	18	10DEC18.D	1.	BLK		10 Dec 2021 17:53
19	19	10DEC19.D	1.	B21120800-003F		10 Dec 2021 18:20
20	20	10DEC20.D	1.	B21120800-003FMS		10 Dec 2021 18:46
21	21	10DEC21.D	1.	B21120800-003FMSD		10 Dec 2021 19:14
22	22	10DEC22.D	1.	BLK		10 Dec 2021 19:40
23	23	10DEC23.D	1.	CCV_CLOSING121021		10 Dec 2021 20:07
24	24	10DEC24.D	1.	BLK		10 Dec 2021 20:33
25	25	10DEC25.D	1.	BLK		10 Dec 2021 20:58
26	26	10DEC26.D	1.	BLK		10 Dec 2021 21:24

Tune Evaluation Report

Data Path:	D:\Org\Data\SV5972.I\SB121021\10DEC02.D
Acq on:	12/10/2021 10:16:00 AM
Operator:	SBD
Sample:	BFB121021
Inst Name:	GC/MS Ins
ALS Vial:	2
Method:	\\masshunter\Org\Data\Methods\Quant\BFB3scans.m





Target Mass	Rel. To Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Pass/Fail
50	95	15	40	16.1	12305	Pass
75	95	30	60	41.4	31712	Pass
95	95	100	100	100.0	76627	Pass
96	95	5	9	6.6	5082	Pass
173	174	0	2	0.0	0	Pass
174	95	50	100	93.5	71608	Pass
175	174	5	9	8.0	5702	Pass
176	174	95	101	99.8	71443	Pass
177	176	5	9	6.6	4716	Pass

Continuing Calibration Report

Agilent | Trusted Answers

Batch Name D:\Org\Data\SV5972.I\SB121021_BTEX_L4\QuantResults\SB121021_8260B_624pt1_BTEX_L4.batch.bin
Method File \\MASSHUNTER\Org\Data\Methods\Quant\SV5972\SV5972_120321_CAL\SV5972_8260B_624pt1_BTEX_L4_120321.m
Daily CC D:\Org\Data\SV5972.I\SB12102110DEC03.D

Level name	Injection Time	Calibration Files	
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2	12/3/2021 1:37:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC07.D	
3	12/3/2021 2:02:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC08.D	
4	12/3/2021 2:28:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC09.D	
5	12/3/2021 3:19:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC11.D	
6	12/3/2021 4:09:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC13.D	
7	12/3/2021 5:00:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC15.D	
8	12/3/2021 5:51:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC17.D	
CC	12/10/2021 10:42:00 AM	D:\Org\Data\SV5972.I\SB121021_BTEX_L4\10DEC03.D	<======

ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
Fluorobenzene	994213	980768	1062059	108.29 #	M
Chlorobenzene-d5	302331	307040	303466	98.84	M
1,4-Dichlorobenzene-d4	203297	200565	192204	95.83	M

Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Fluorobenzene	----------ISTD----------						
Dibromofluoromethane	0.2494	0.2478	250.00	248.42	0.63	102.23	Avg RF
1,2-Dichloroethane-d4	0.0956	0.0905	250.00	236.58	5.37	103.77	Avg RF
Benzene	1.0416	0.9775	125.00	117.30	6.16	48.07	Avg RF
1,2-Dichloroethane	0.1860	0.1863	125.00	125.20	-0.16	50.10	Avg RF
Chlorobenzene-d5	----------ISTD----------						
Toluene-d8	3.0718	3.0175	250.00	245.58	1.77	99.27	Avg RF
Toluene	2.1138	2.0561	125.00	121.59	2.73	46.95	Avg RF
Ethylbenzene	3.4972	3.2120	125.00	114.81	8.16	45.13	Avg RF
m+p-Xylenes	1.3204	1.1988	250.00	226.98	9.21	44.24	Avg RF
o-Xylene	1.1673	1.0630	125.00	113.83	8.93	44.19	Avg RF
1,4-Dichlorobenzene-d4	----------ISTD----------						
p-Bromofluorobenzene	1.1593	1.1586	250.00	249.85	0.06	95.83	Avg RF

A -- against Average; M -- against Mid Point; P -- against Previous CC in the Method;

Continuing Calibration Report

Agilent | Trusted Answers

Batch Name D:\Org\Data\SV5972.I\SB121021_BTEX_L4\QuantResults\SB121021_8260B_624pt1_BTEX_L4.batch.bin
Method File \\MASSHUNTER\Org\Data\Methods\Quant\SV5972\SV5972_120321_CAL\SV5972_8260B_624pt1_BTEX_L4_120321.m
Daily CC D:\Org\Data\SV5972.I\SB12102110DEC23.D

Level name	Injection Time	Calibration Files	
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2	12/3/2021 1:37:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC07.D	
3	12/3/2021 2:02:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC08.D	
4	12/3/2021 2:28:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC09.D	
5	12/3/2021 3:19:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC11.D	
6	12/3/2021 4:09:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC13.D	
7	12/3/2021 5:00:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC15.D	
8	12/3/2021 5:51:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC17.D	
CC	12/10/2021 8:07:00 PM	D:\Org\Data\SV5972.I\SB121021_BTEX_L4\10DEC23.D	<======

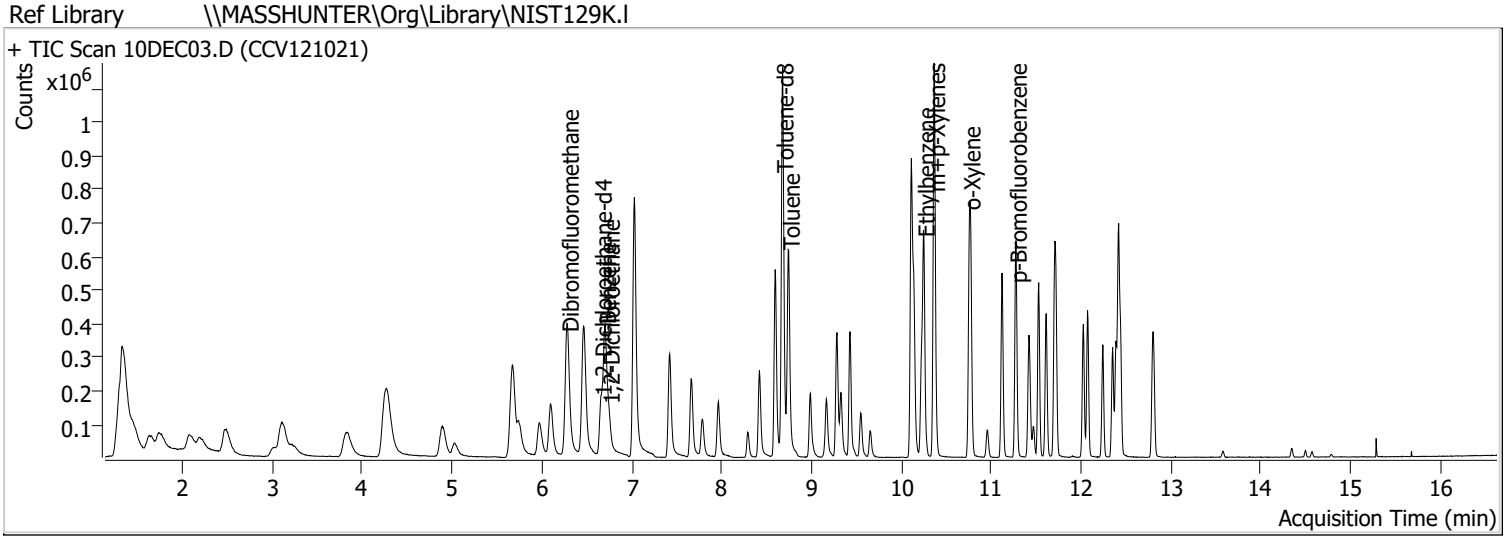
ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
Fluorobenzene	994213	980768	955757	97.45	M
Chlorobenzene-d5	302331	307040	315563	102.78 #	M
1,4-Dichlorobenzene-d4	203297	200565	200935	100.18 #	M

Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Fluorobenzene	----------ISTD----------						
Dibromofluoromethane	0.2494	0.2438	250.00	244.41	2.23	90.51	Avg RF
1,2-Dichloroethane-d4	0.0956	0.0905	250.00	236.62	5.35	93.41	Avg RF
Benzene	1.0416	0.9802	125.00	117.63	5.90	43.38	Avg RF
1,2-Dichloroethane	0.1860	0.1921	125.00	129.10	-3.28	46.49	Avg RF
Chlorobenzene-d5	----------ISTD----------						
Toluene-d8	3.0718	2.8003	250.00	227.91	8.84	95.80	Avg RF
Toluene	2.1138	1.9431	125.00	114.90	8.08	46.14	Avg RF
Ethylbenzene	3.4972	3.2543	125.00	116.32	6.94	47.55	Avg RF
m+p-Xylenes	1.3204	1.2168	250.00	230.38	7.85	46.70	Avg RF
o-Xylene	1.1673	1.0634	125.00	113.88	8.90	45.97	Avg RF
1,4-Dichlorobenzene-d4	----------ISTD----------						
p-Bromofluorobenzene	1.1593	1.1502	250.00	248.05	0.78	99.46	Avg RF

A -- against Average; M -- against Mid Point; P -- against Previous CC in the Method;

Quantitation Results Report (QT Reviewed)

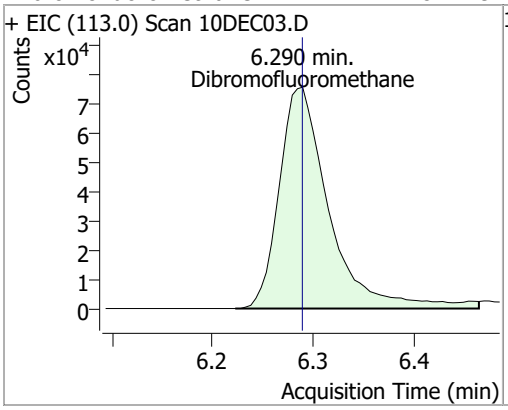
Data File	10DEC03.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/10/2021 10:42:00 AM
Sample Name	CCV121021	Instrument	GC/MS Ins
Vial	3	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB121021_8260B_624pt1_BTEX_L4.batch.bin	Last Calib Update	12/13/2021 3:19:29 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

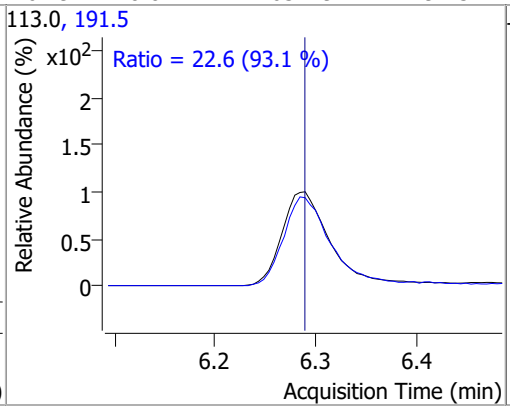


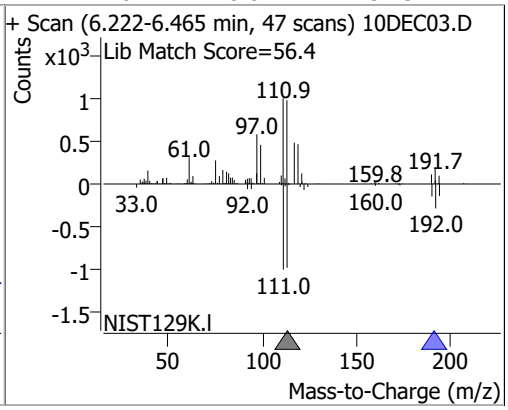
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.029	96.0	1062059	250.0000	ng	0.015
M Chlorobenzene-d5	10.112	82.0	303466	250.0000	ng	0.015
M 1,4-Dichlorobenzene-d4	12.419	152.0	192204	250.0000	ng	0.015
System Monitoring Compounds						
S Dibromofluoromethane	6.290	113.0	263219	248.4219	ng	0.015
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 99.37%		
S 1,2-Dichloroethane-d4	6.657	67.0	96082	236.5769	ng	0.010
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 94.63%		
S Toluene-d8	8.679	98.0	915698	245.5785	ng	0.015
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 98.23%		
S p-Bromofluorobenzene	11.276	95.0	222686	249.8496	ng	0.015
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 99.94%		
Target Compounds						QValue
T Benzene	6.703	78.0	519085	117.3028	ng	100
T 1,2-Dichloroethane	6.745	62.0	98914	125.1992	ng	98
T Toluene	8.747	92.0	311980	121.5868	ng	99
T Ethylbenzene	10.252	91.0	487360	114.8052	ng	98
T m+p-Xylenes	10.366	106.0	363791	226.9803	ng	95
T o-Xylene	10.759	106.0	161295	113.8314	ng	95

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

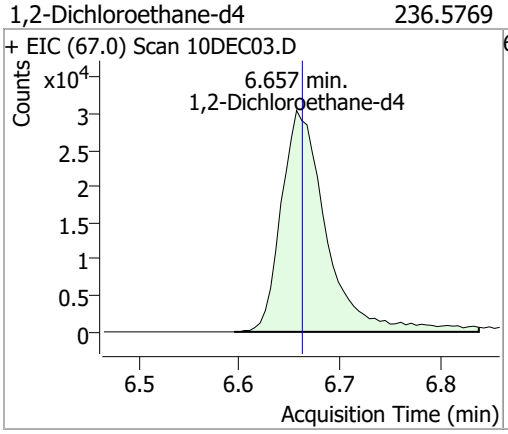
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	248.4219	6.29	0.02	263219	191.5	22.6	0.0	54.3

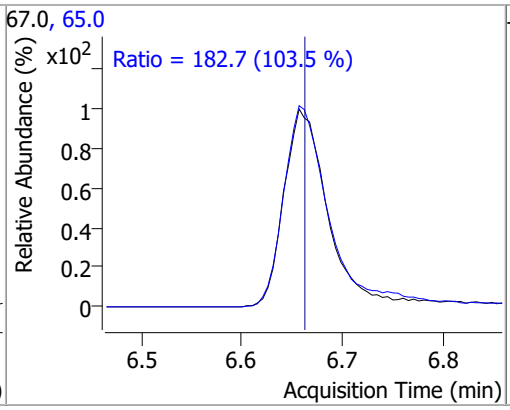


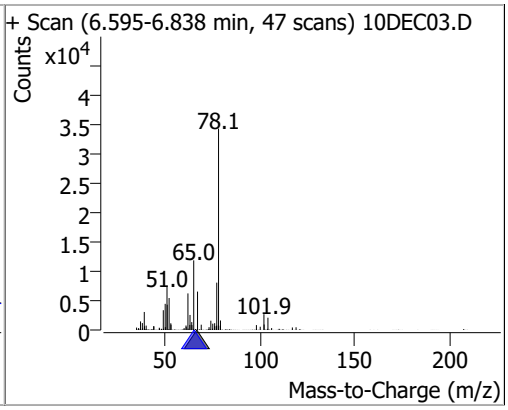




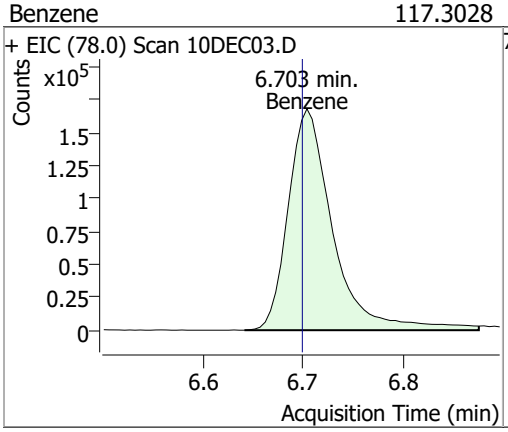
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	236.5769	6.66	0.01	96082	65.0	182.7	146.6	206.6

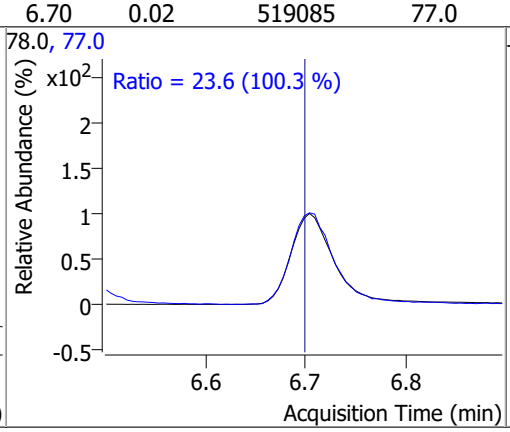


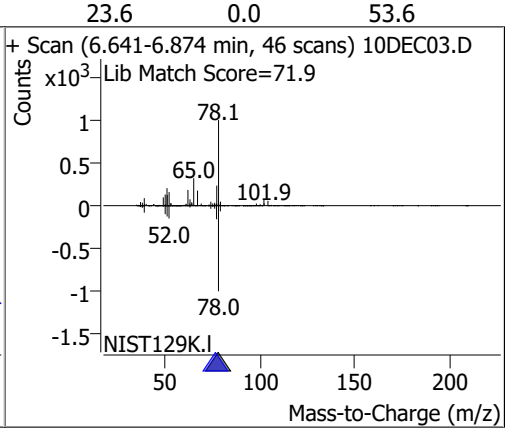




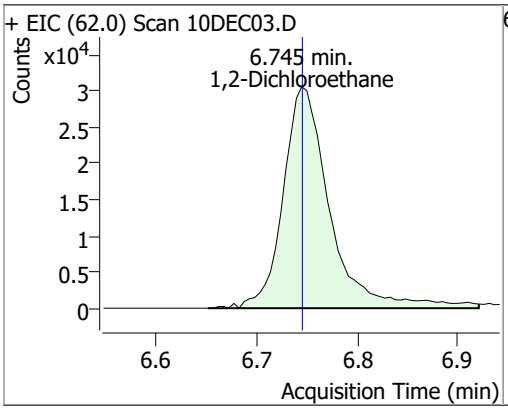
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	117.3028	6.70	0.02	519085	77.0	23.6	0.0	53.6

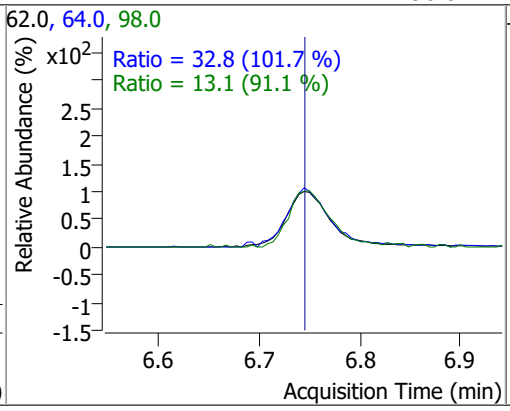


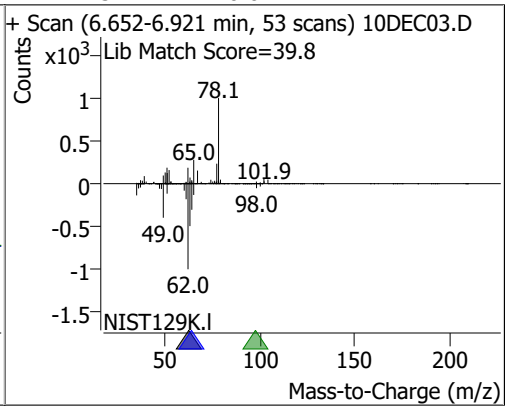




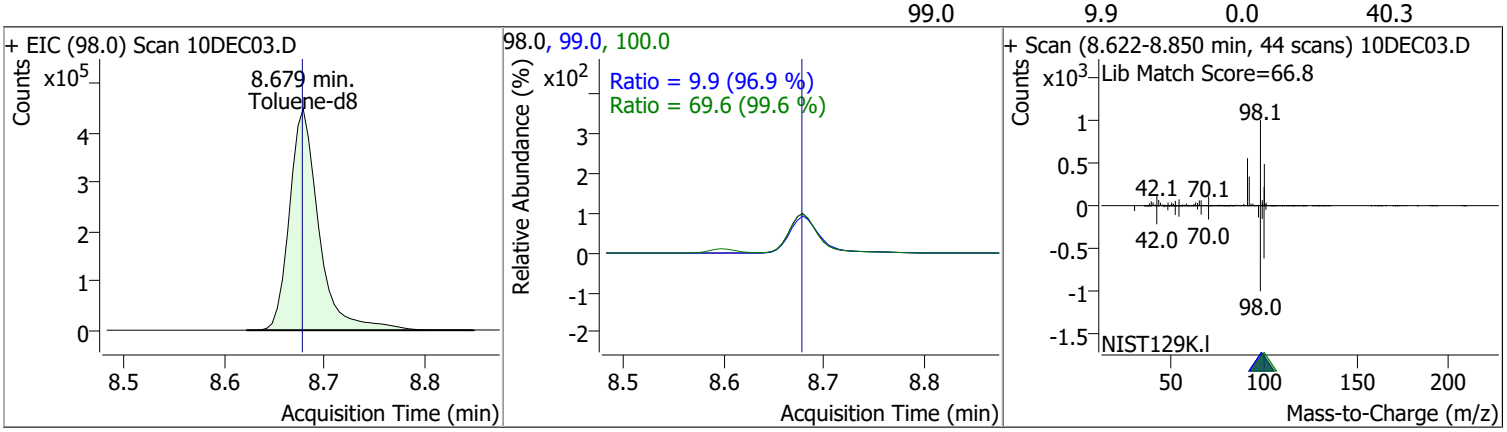
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	125.1992	6.74	0.02	98914	64.0	32.8	2.2	62.2
					98.0	13.1	0.0	44.4



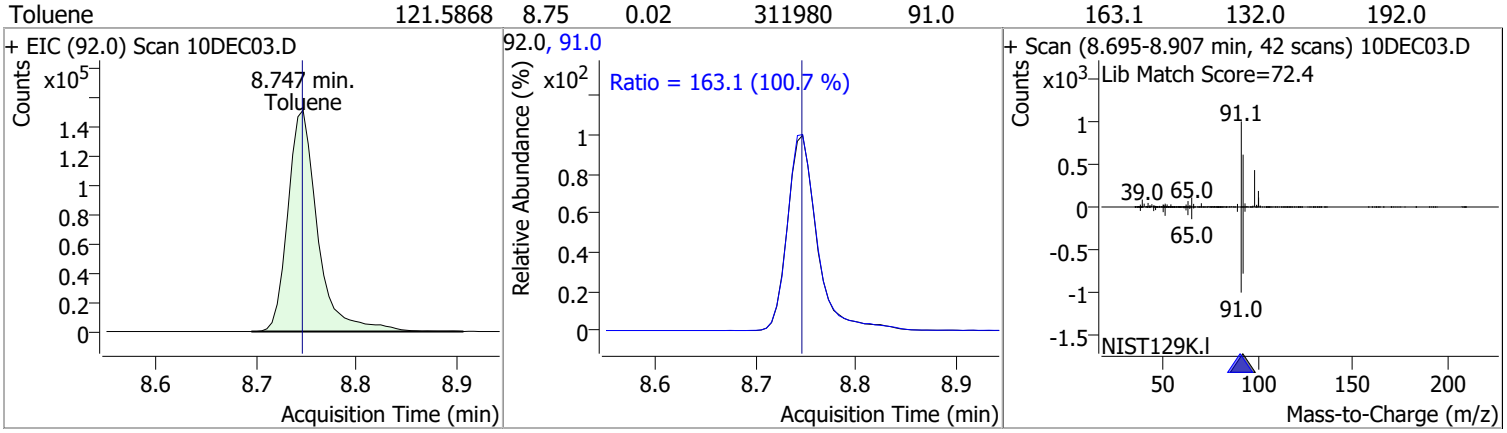




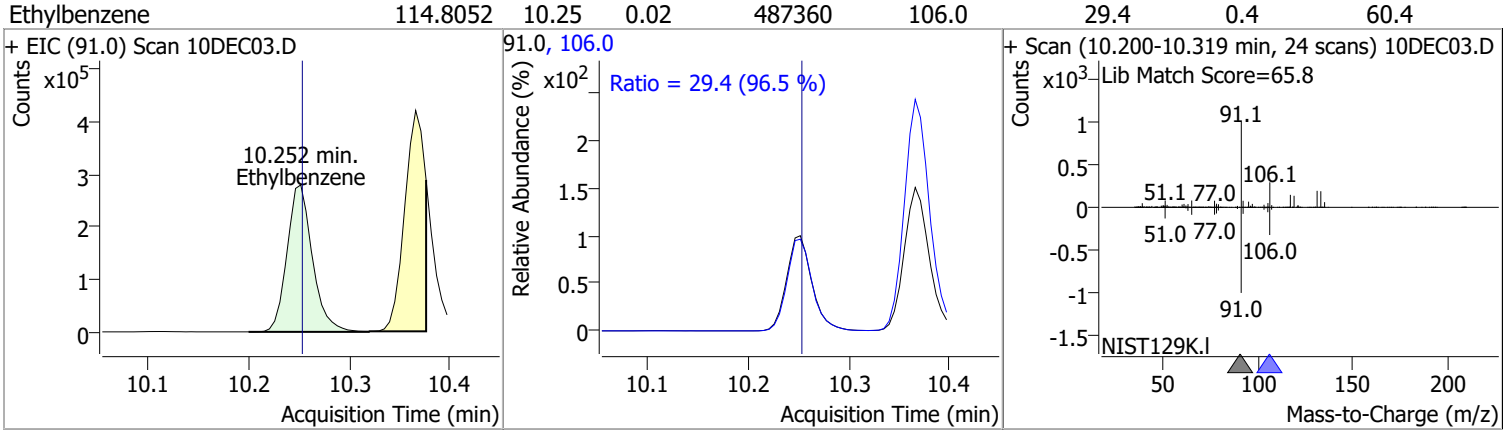
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	245.5785	8.68	0.02	915698	100.0	69.6	39.9	99.9
					99.0	9.9	0.0	40.3



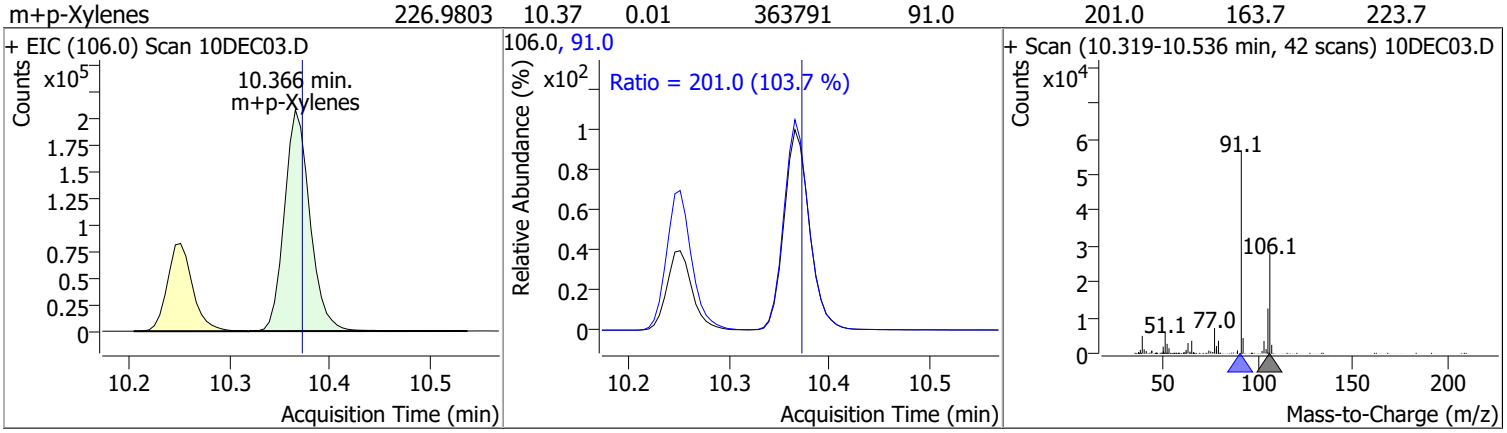
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	121.5868	8.75	0.02	311980	91.0	163.1	132.0	192.0



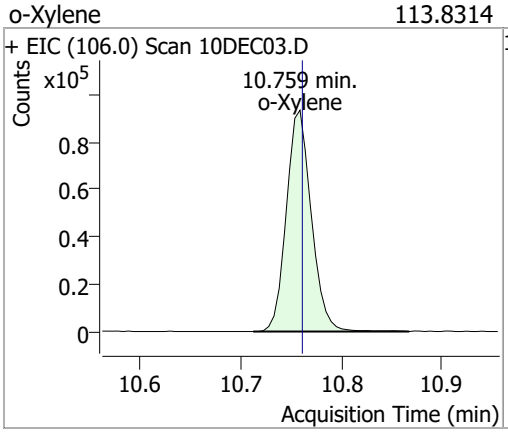
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	114.8052	10.25	0.02	487360	106.0	29.4	0.4	60.4

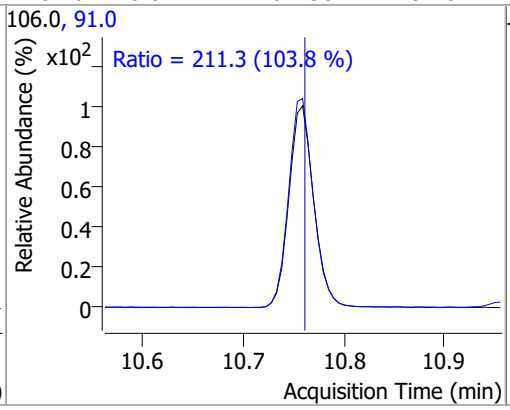


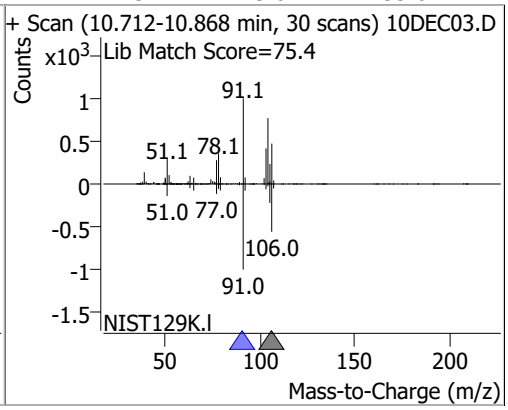
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	226.9803	10.37	0.01	363791	91.0	201.0	163.7	223.7



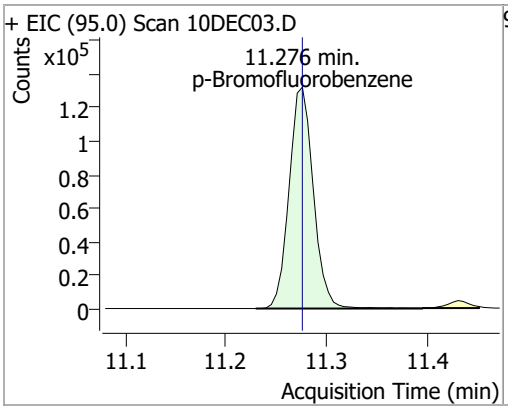
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	113.8314	10.76	0.02	161295	91.0	211.3	173.6	233.6

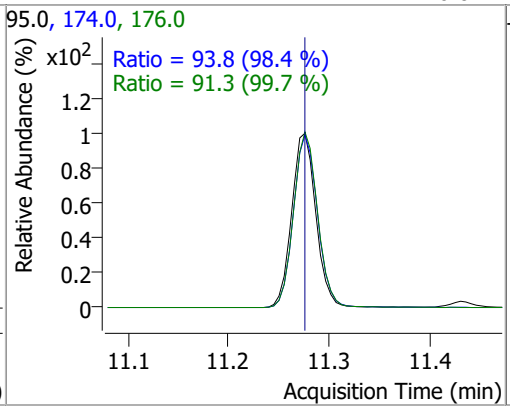


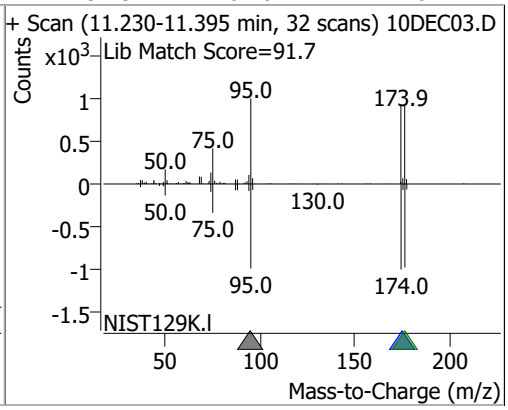




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	249.8496	11.28	0.02	222686	174.0	93.8	65.3	125.3
					176.0	91.3	61.6	121.6



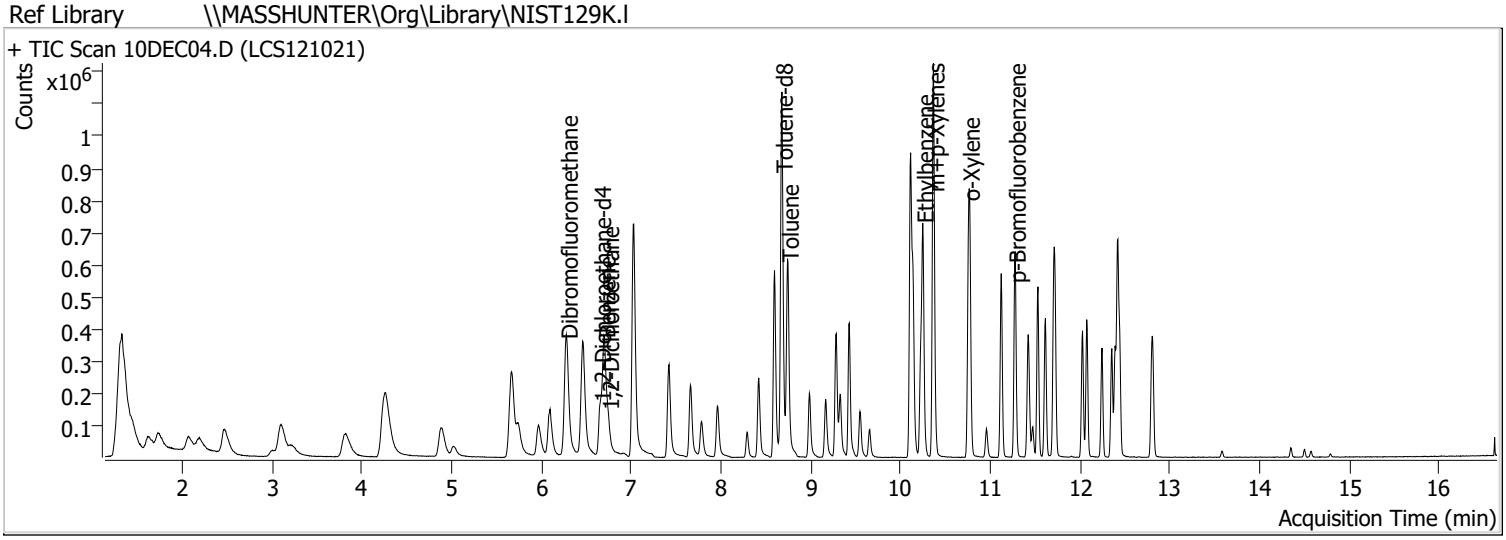




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

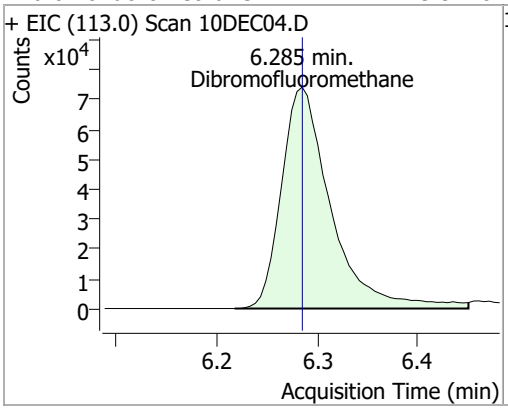
Data File	10DEC04.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/10/2021 11:07:00 AM
Sample Name	LCS121021	Instrument	GC/MS Ins
Vial	4	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB121021_8260B_624pt1_BTEX_L4.batch.bin	Last Calib Update	12/13/2021 3:19:29 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

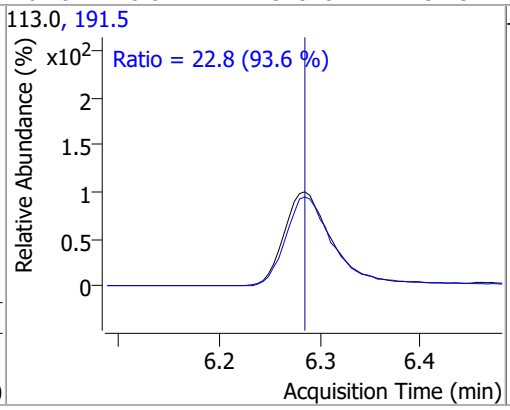


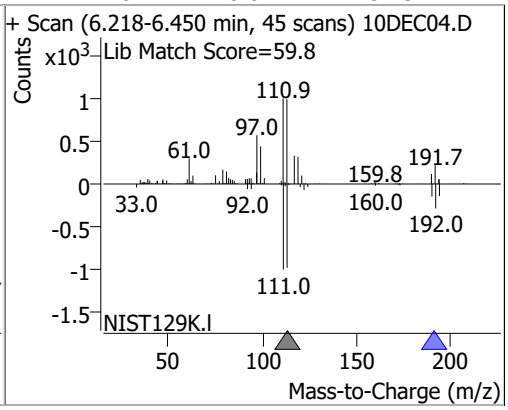
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.025	96.0	1019027	250.0000	ng	0.011
M Chlorobenzene-d5	10.113	82.0	325072	250.0000	ng	0.016
M 1,4-Dichlorobenzene-d4	12.420	152.0	190788	250.0000	ng	0.016
System Monitoring Compounds						
S Dibromofluoromethane	6.285	113.0	254078	249.9210	ng	0.011
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 99.97%		
S 1,2-Dichloroethane-d4	6.657	67.0	93446	239.8027	ng	0.011
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 95.92%		
S Toluene-d8	8.680	98.0	906596	226.9773	ng	0.016
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 90.79%		
S p-Bromofluorobenzene	11.272	95.0	225414	254.7874	ng	0.011
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 101.91%		
Target Compounds						**QValue**
T Benzene	6.704	78.0	491099	115.6650	ng	99
T 1,2-Dichloroethane	6.745	62.0	93013	122.7016	ng	99
T Toluene	8.747	92.0	312100	113.5492	ng	99
T Ethylbenzene	10.247	91.0	523617	115.1479	ng	98
T m+p-Xylenes	10.366	106.0	381412	222.1576	ng	96
T o-Xylene	10.759	106.0	172851	113.8790	ng	94

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

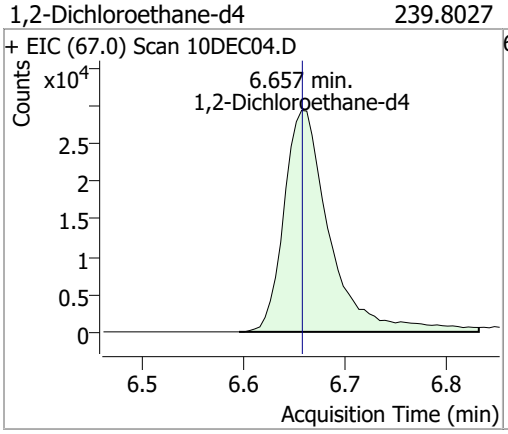
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	249.9210	6.28	0.01	254078	191.5	22.8	0.0	54.3

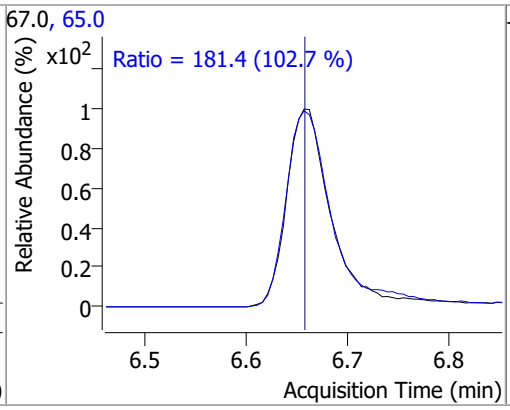


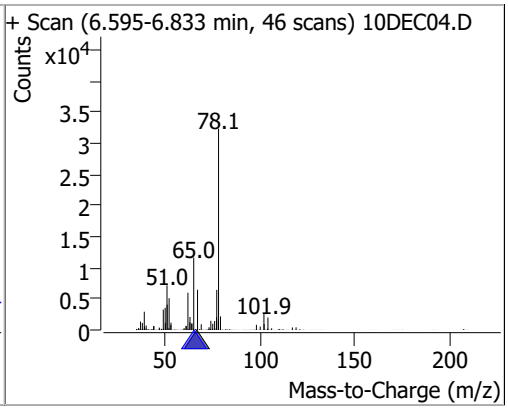




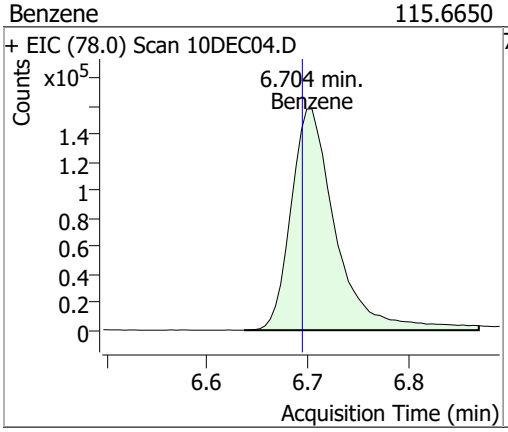
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	239.8027	6.66	0.01	93446	65.0	181.4	146.6	206.6

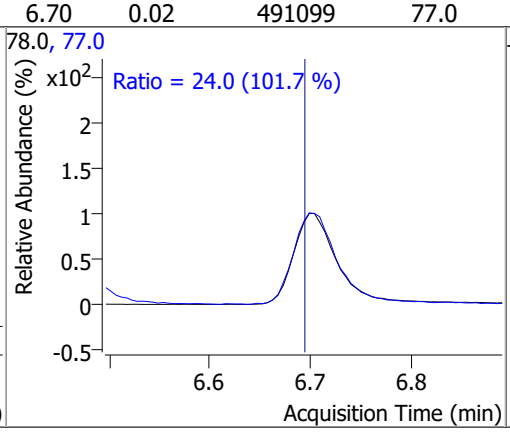


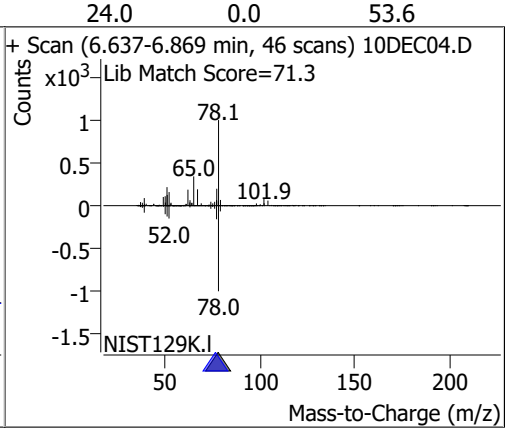




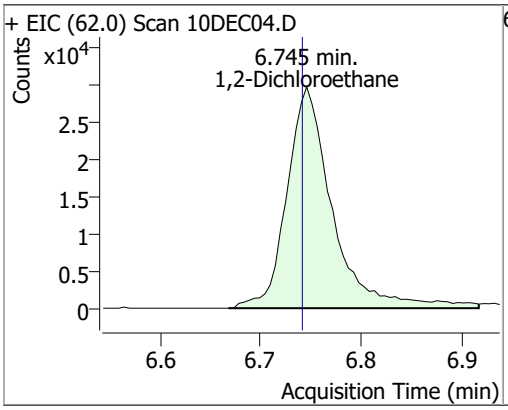
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	115.6650	6.70	0.02	491099	77.0	24.0	0.0	53.6

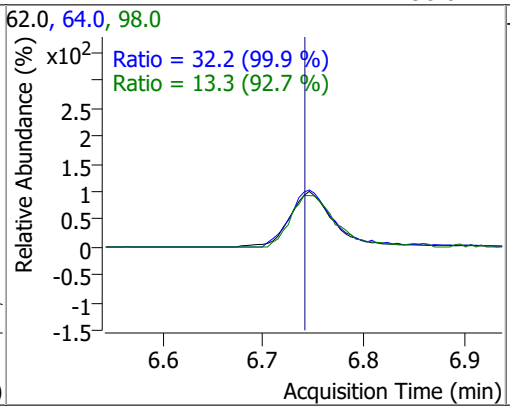


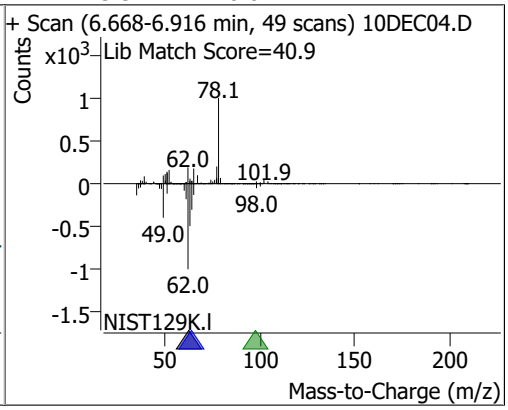




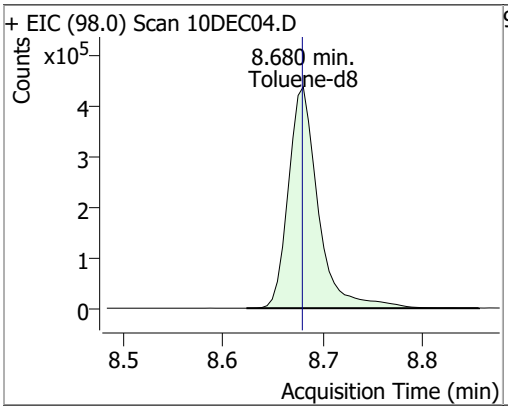
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	122.7016	6.75	0.02	93013	64.0	32.2	2.2	62.2
					98.0	13.3	0.0	44.4

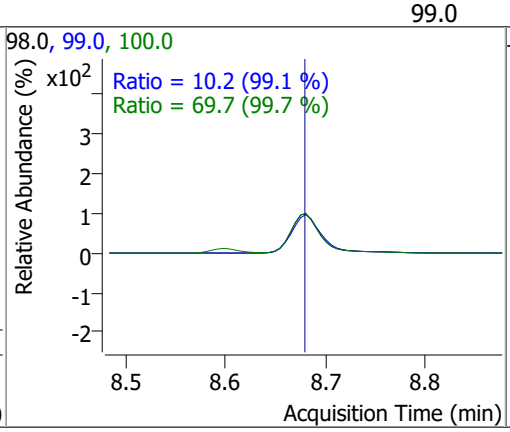


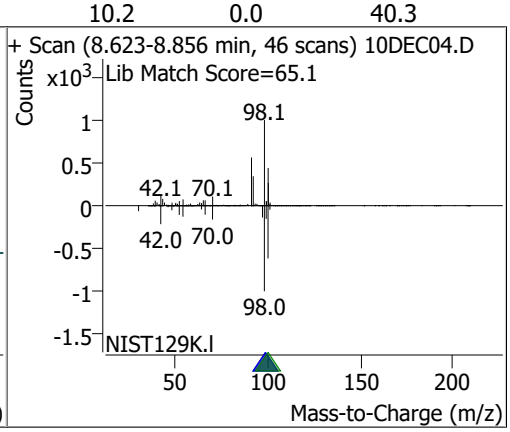




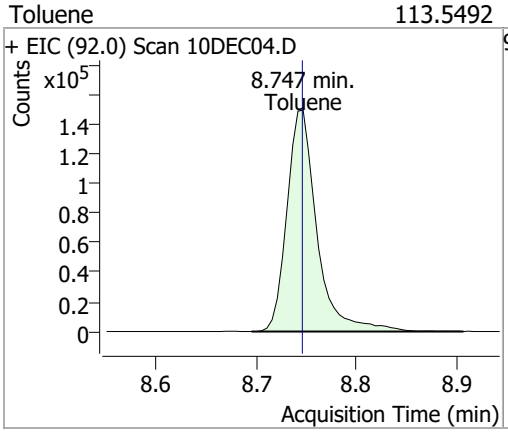
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	226.9773	8.68	0.02	906596	100.0	69.7	39.9	99.9
					99.0	10.2	0.0	40.3

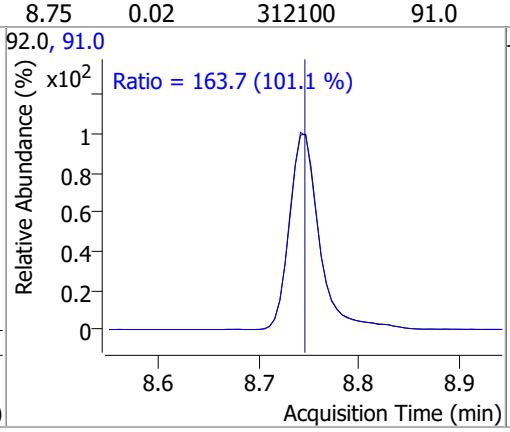


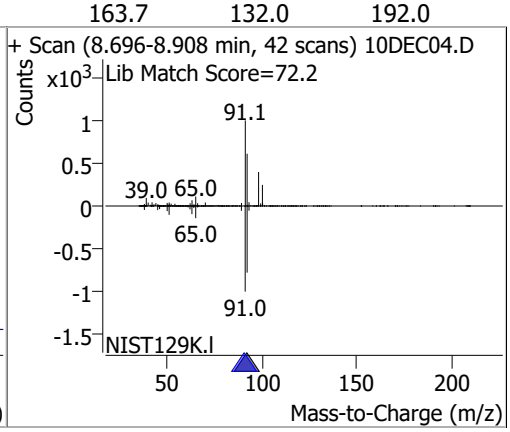




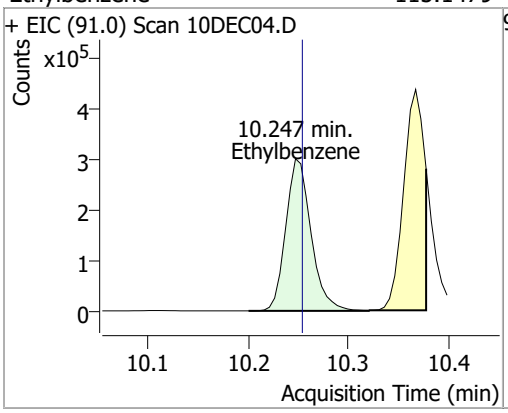
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	113.5492	8.75	0.02	312100	91.0	163.7	132.0	192.0

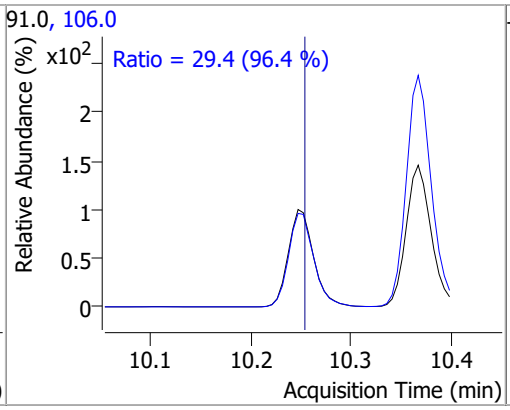


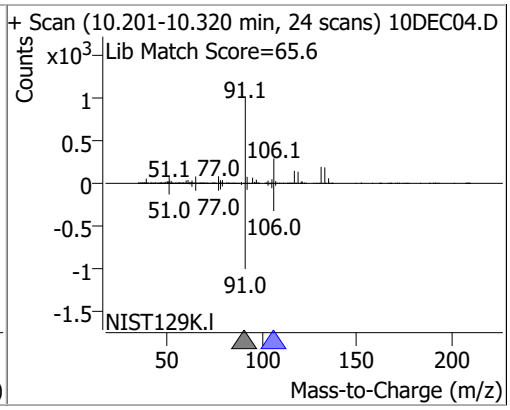




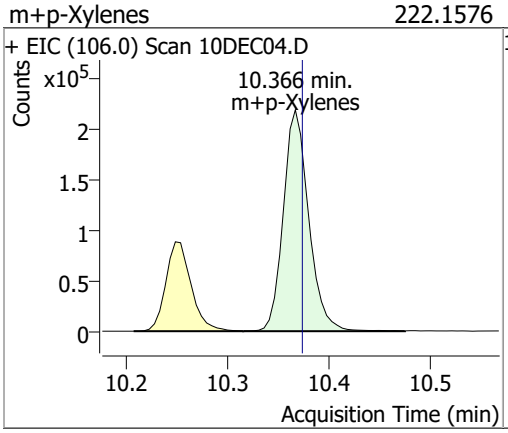
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	115.1479	10.25	0.01	523617	106.0	29.4	0.4	60.4

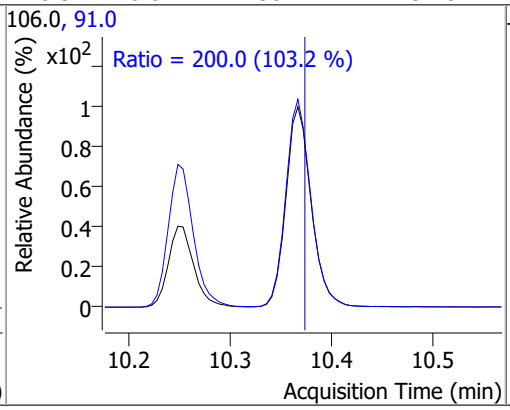


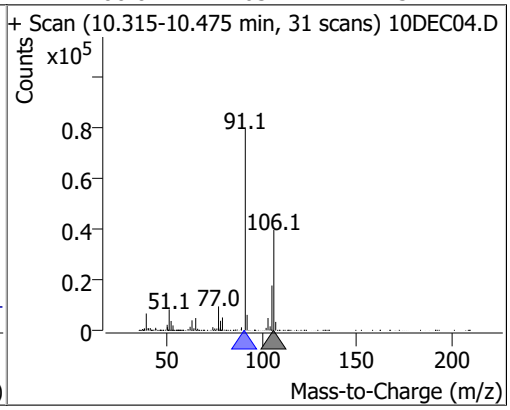




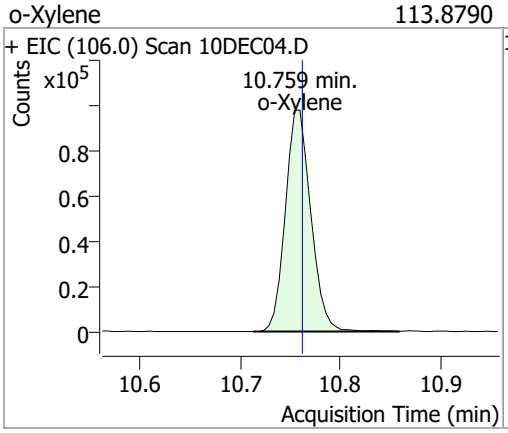
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	222.1576	10.37	0.01	381412	91.0	200.0	163.7	223.7

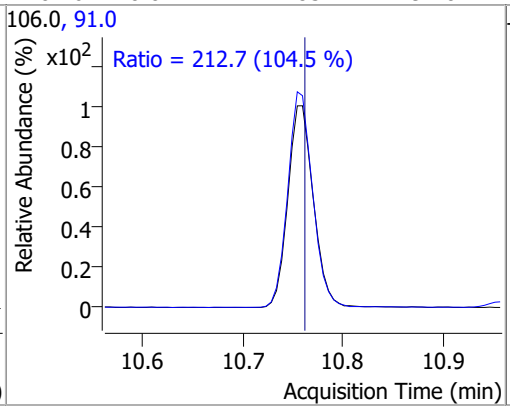


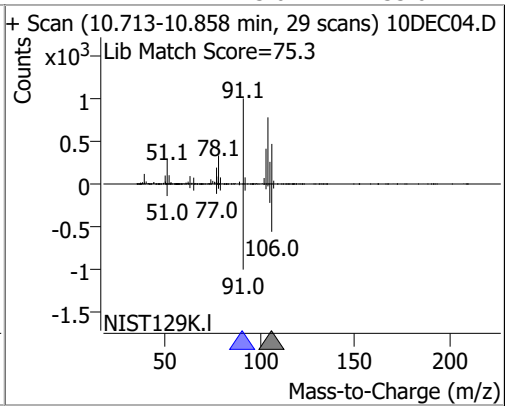




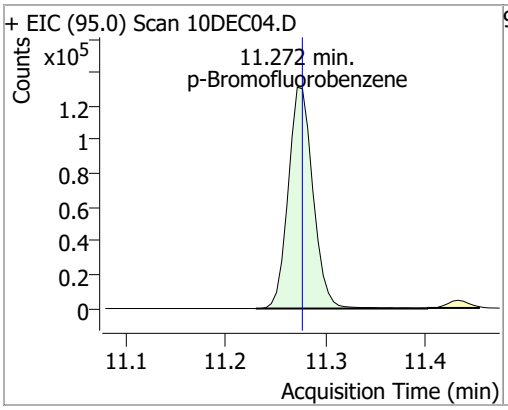
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	113.8790	10.76	0.02	172851	91.0	212.7	173.6	233.6

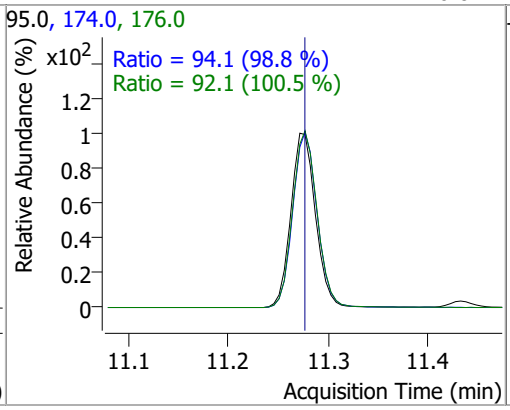


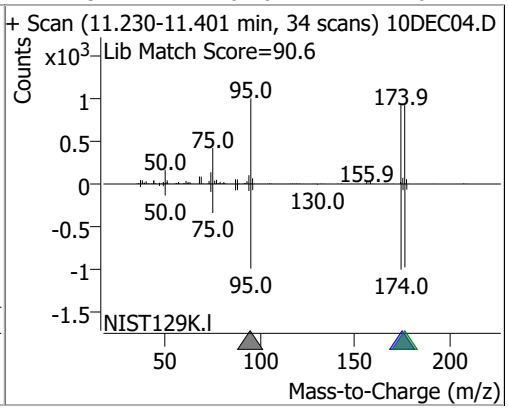




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	254.7874	11.27	0.01	225414	174.0	94.1	65.3	125.3
					176.0	92.1	61.6	121.6

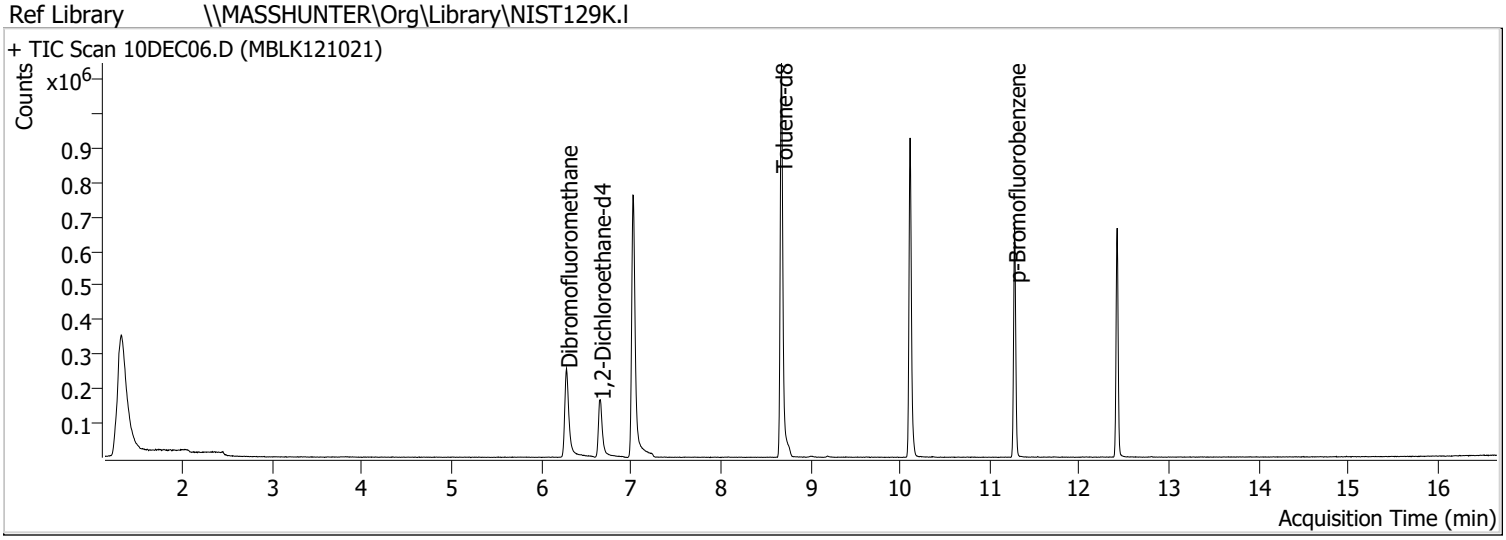






Quantitation Results Report (QT Reviewed)

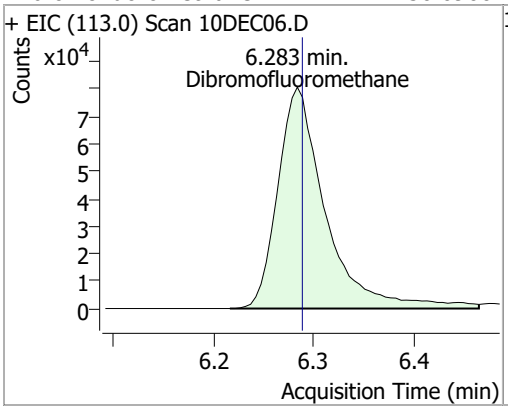
Data File	10DEC06.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/10/2021 12:00:00 PM
Sample Name	MBLK121021	Instrument	GC/MS Ins
Vial	6	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB121021_8260B_624pt1_BTEX_L4.batch.bin	Last Calib Update	12/13/2021 3:19:29 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

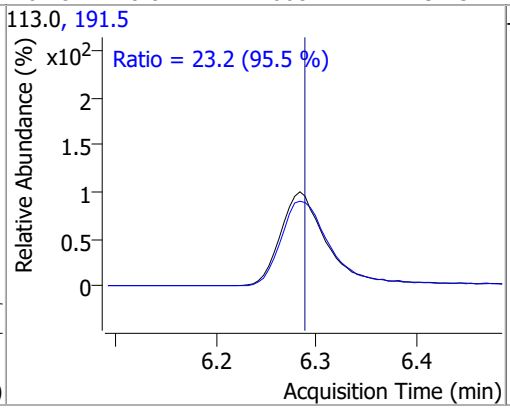


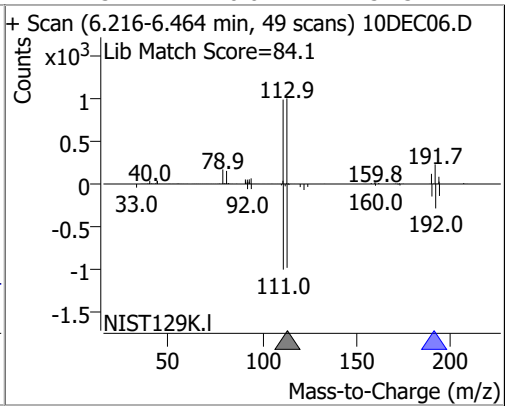
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.028	96.0	1069496	250.0000	ng	0.014
M Chlorobenzene-d5	10.111	82.0	326456	250.0000	ng	0.014
M 1,4-Dichlorobenzene-d4	12.418	152.0	193414	250.0000	ng	0.014
System Monitoring Compounds						
S Dibromofluoromethane	6.283	113.0	266842	250.0900	ng	0.009
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 100.04%		
S 1,2-Dichloroethane-d4	6.656	67.0	95994	234.7167	ng	0.009
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 93.89%		
S Toluene-d8	8.678	98.0	936376	233.4392	ng	0.014
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 93.38%		
S p-Bromofluorobenzene	11.275	95.0	231107	257.6756	ng	0.014
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 103.07%		
Target Compounds						**QValue**
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Toluene	0.000		0	N.D.		
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	0.000		0	N.D.		
T o-Xylene	0.000		0	N.D.		

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

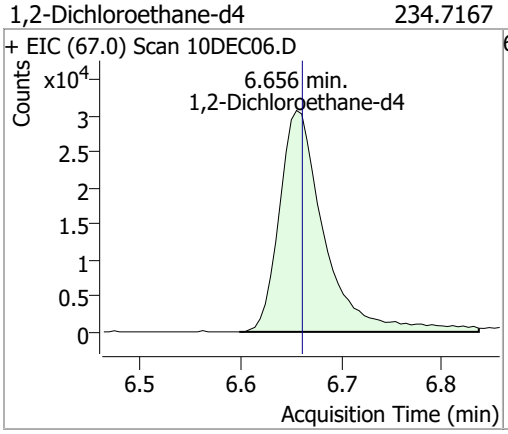
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	250.0900	6.28	0.01	266842	191.5	23.2	0.0	54.3

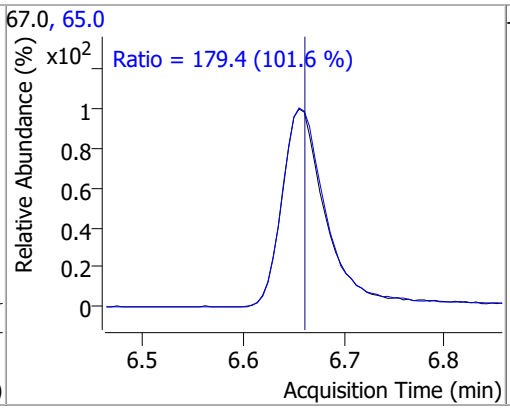


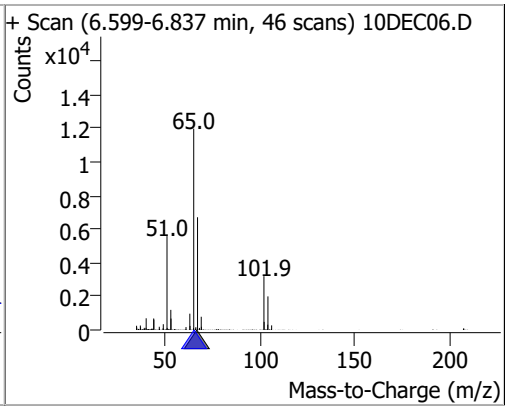




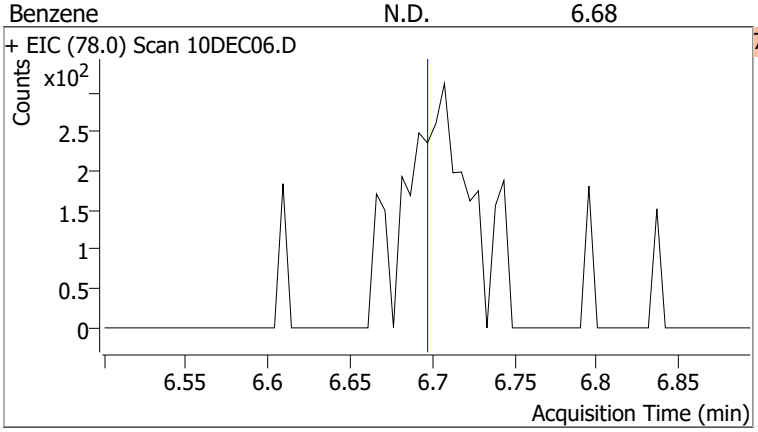
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	234.7167	6.66	0.01	95994	65.0	179.4	146.6	206.6

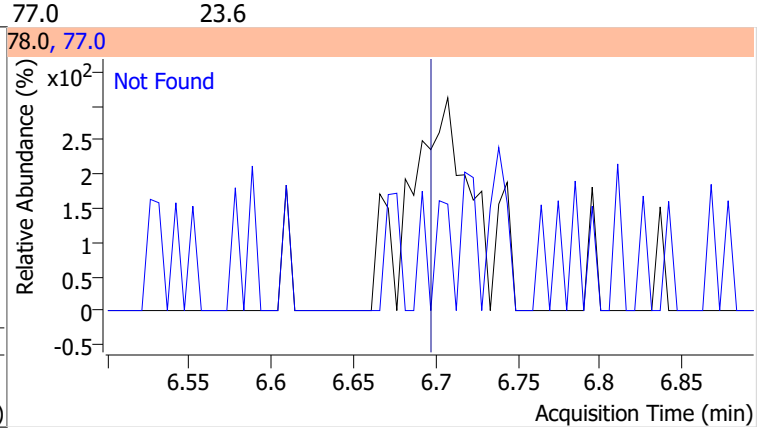




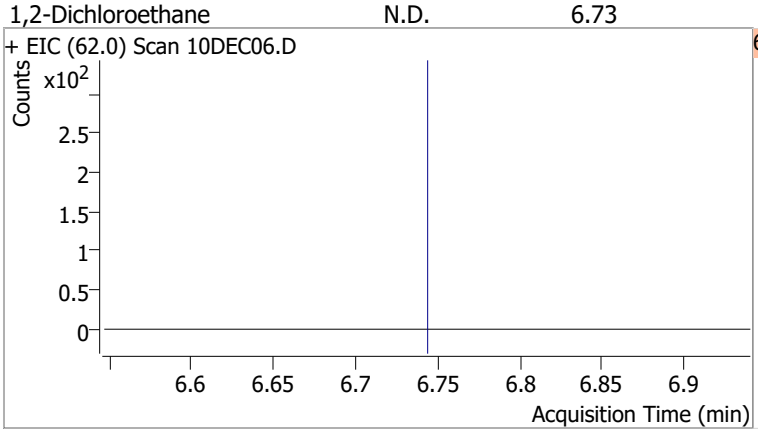


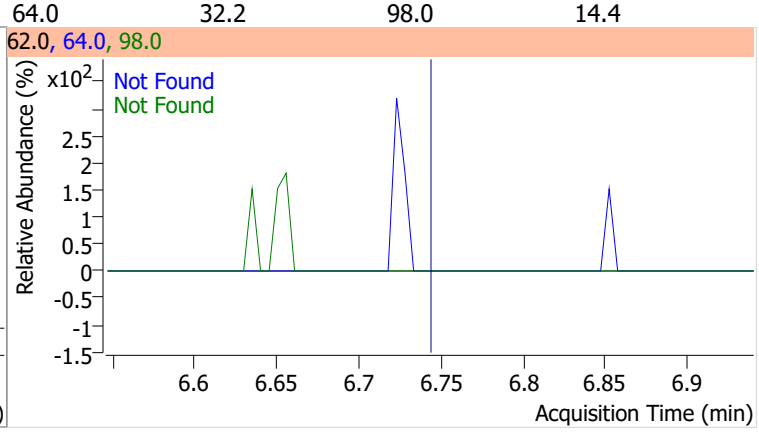
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.68	77.0	23.6



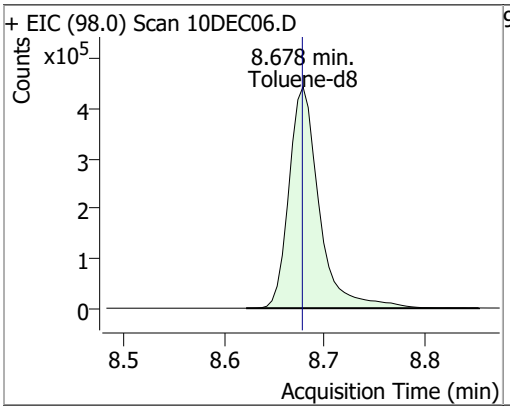


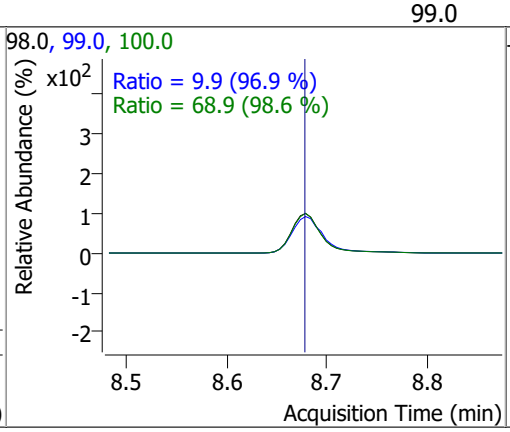
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

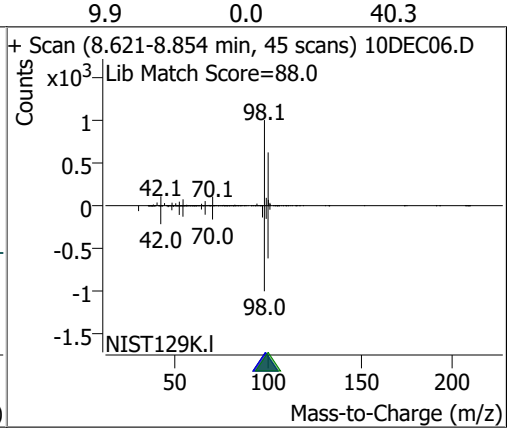




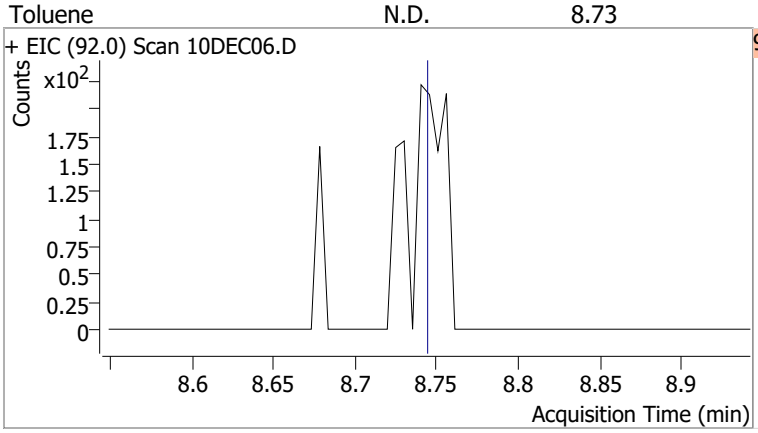
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	233.4392	8.68	0.01	936376	100.0	68.9	39.9	99.9
					99.0	9.9	0.0	40.3

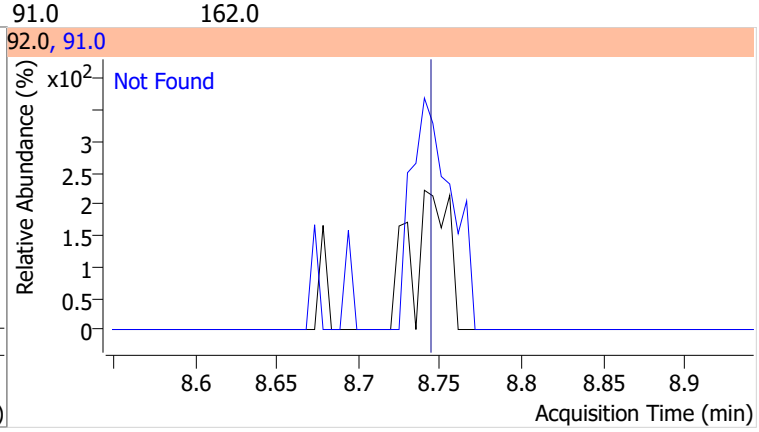




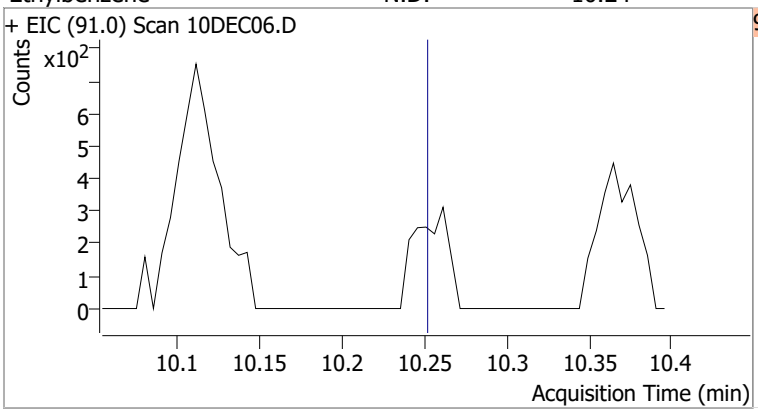


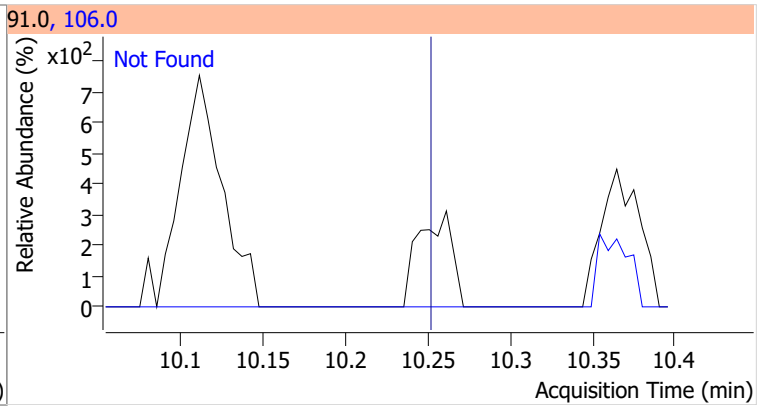
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.73	91.0	162.0



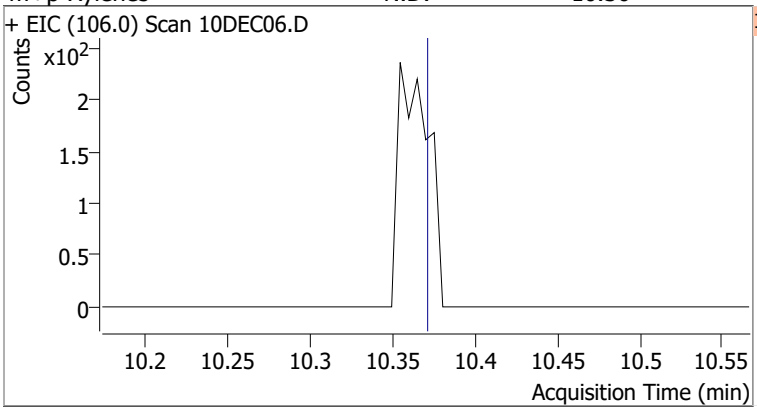


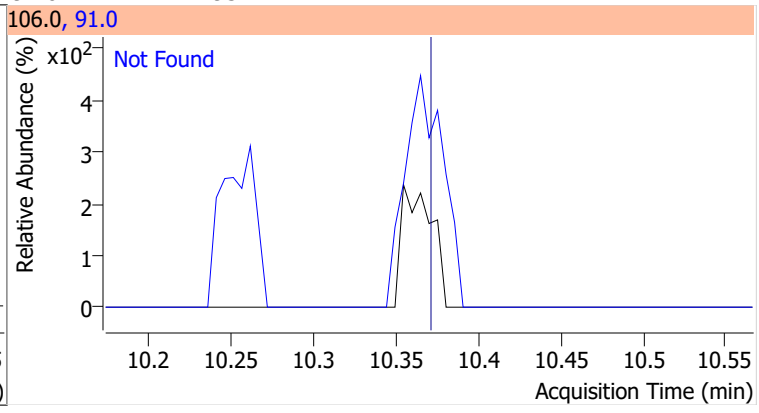
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	10.24	106.0	30.4



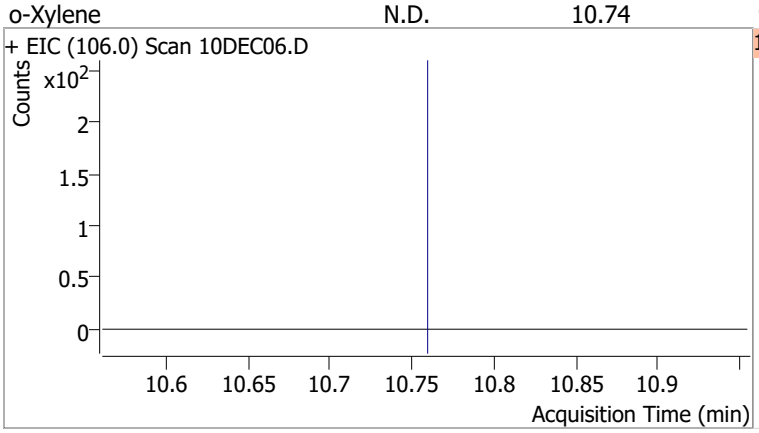


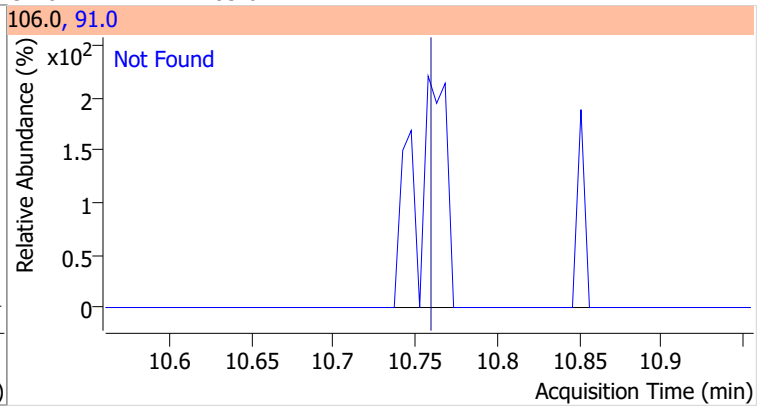
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.36	91.0	193.7



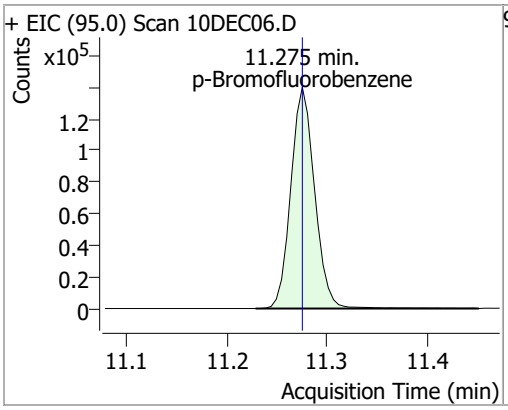


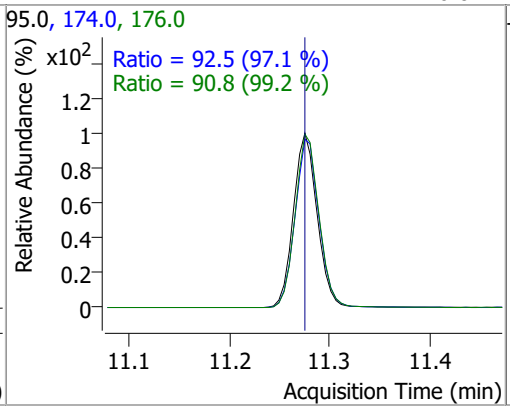
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.74	91.0	203.6

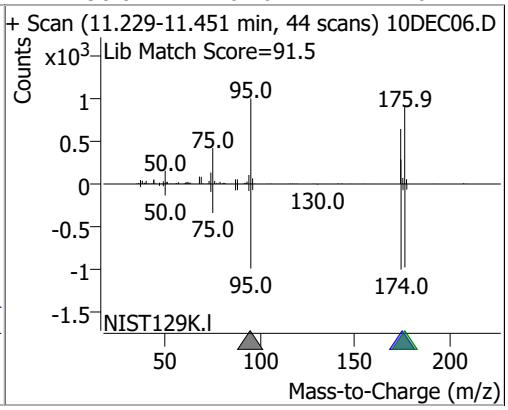




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	257.6756	11.28	0.01	231107	174.0	92.5	65.3	125.3
					176.0	90.8	61.6	121.6

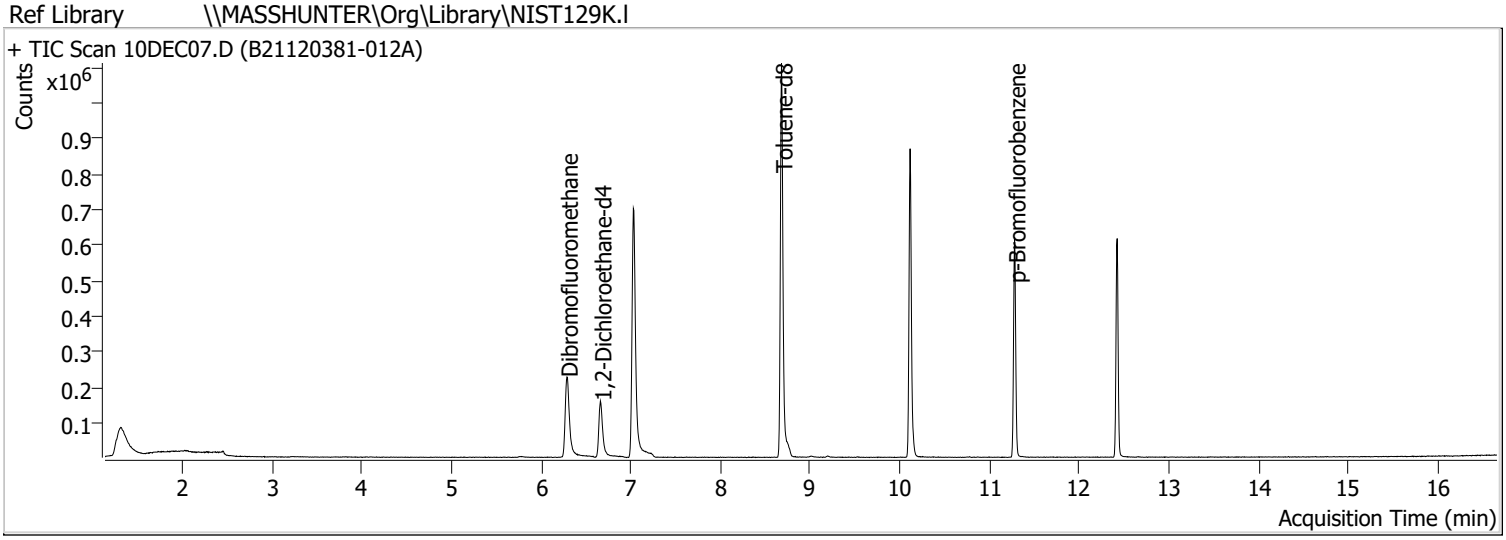






Quantitation Results Report (QT Reviewed)

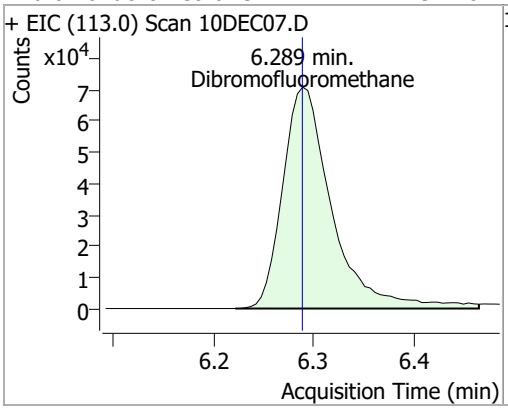
Data File	10DEC07.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/10/2021 12:26:00 PM
Sample Name	B21120381-012A	Instrument	GC/MS Ins
Vial	7	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB121021_8260B_624pt1_BTEX_L4.batch.bin	Last Calib Update	12/13/2021 3:19:29 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

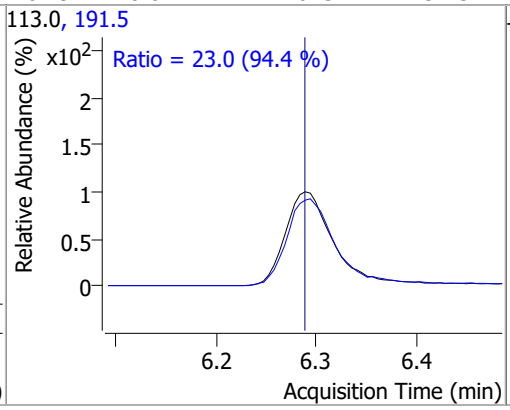


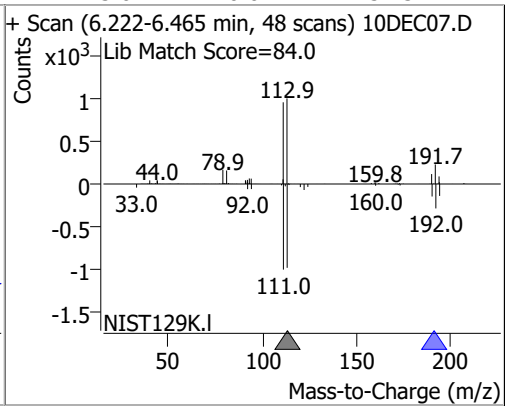
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.029	96.0	975247	250.0000	ng	0.015
M Chlorobenzene-d5	10.112	82.0	298382	250.0000	ng	0.015
M 1,4-Dichlorobenzene-d4	12.419	152.0	182097	250.0000	ng	0.015
System Monitoring Compounds						
S Dibromofluoromethane	6.289	113.0	242673	249.4182	ng	0.015
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 99.77%		
S 1,2-Dichloroethane-d4	6.662	67.0	88917	238.4236	ng	0.015
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 95.37%		
S Toluene-d8	8.679	98.0	884615	241.2847	ng	0.015
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 96.51%		
S p-Bromofluorobenzene	11.276	95.0	211502	250.4724	ng	0.015
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 100.19%		
Target Compounds						**QValue**
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Toluene	0.000		0	N.D.		
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	0.000		0	N.D.		
T o-Xylene	0.000		0	N.D.		

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

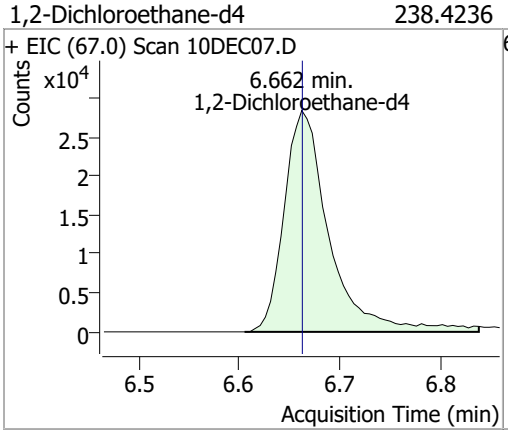
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	249.4182	6.29	0.02	242673	191.5	23.0	0.0	54.3

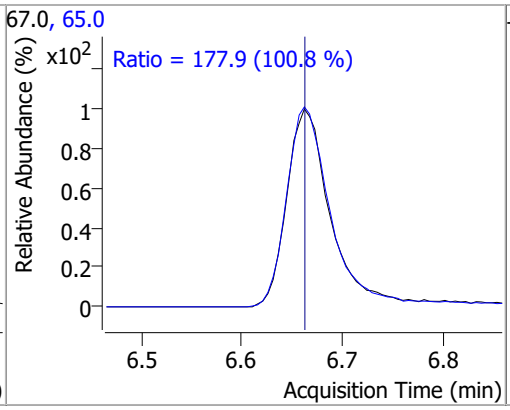


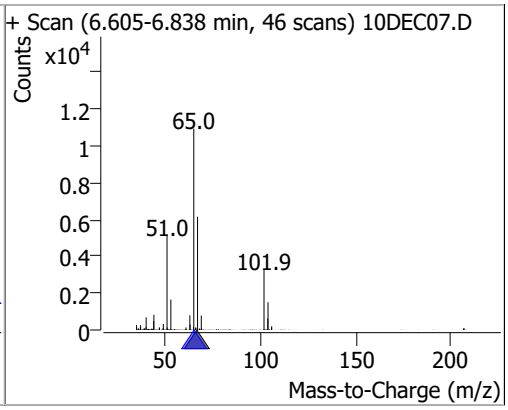




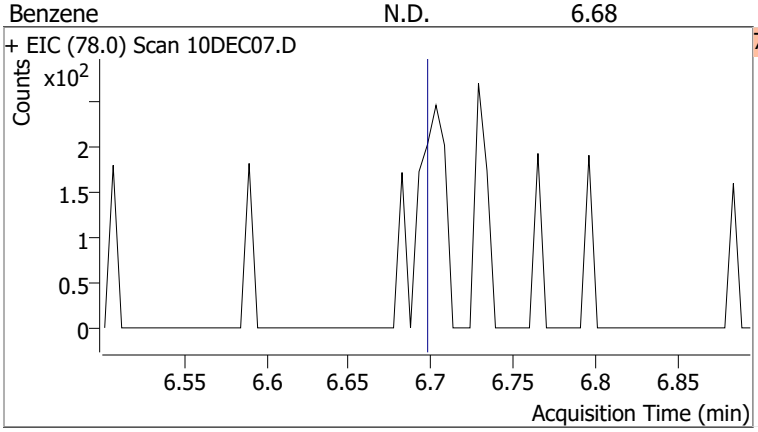
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	238.4236	6.66	0.02	88917	65.0	177.9	146.6	206.6

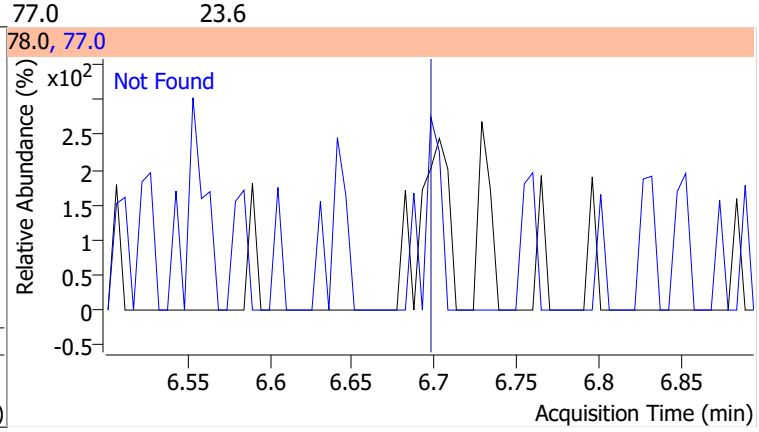




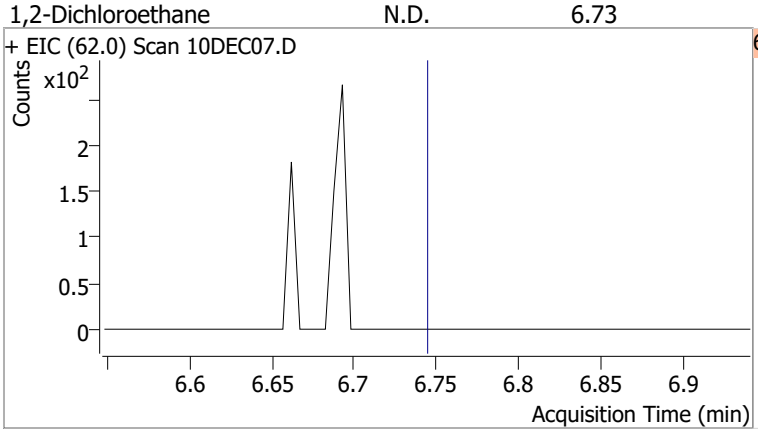


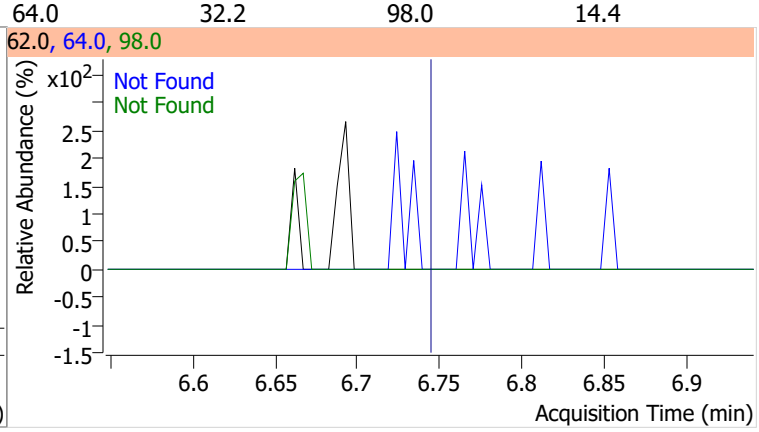
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.68	77.0	23.6



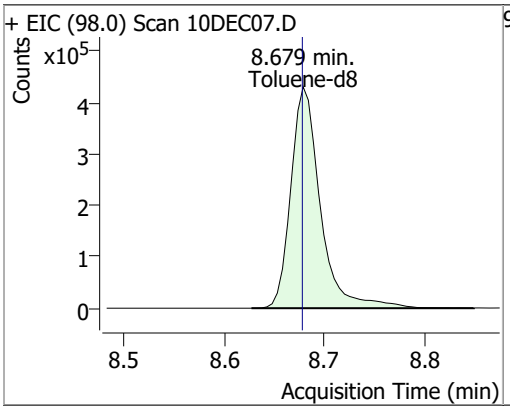


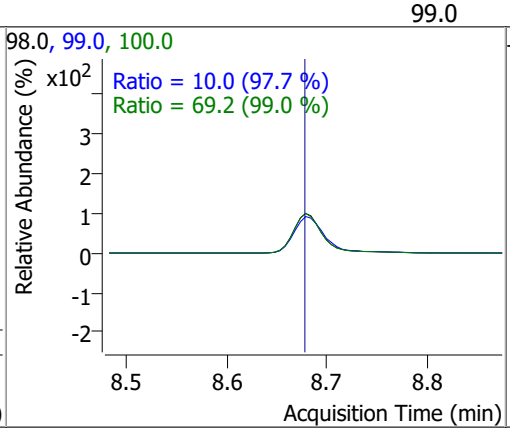
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

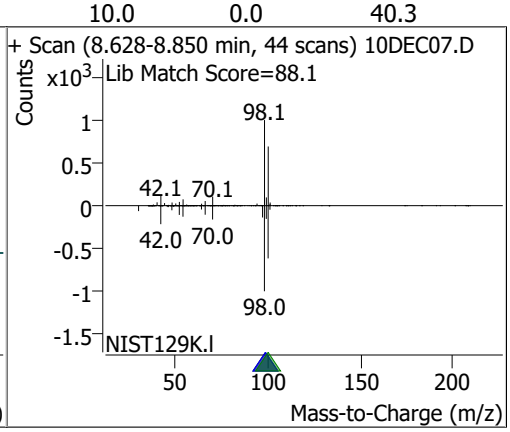




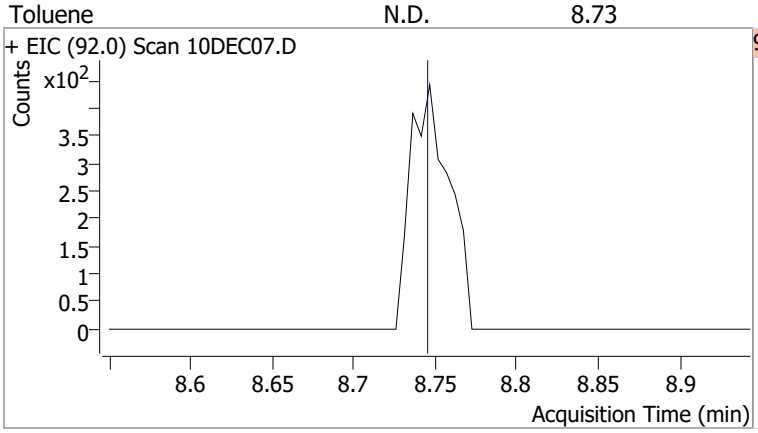
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	241.2847	8.68	0.02	884615	100.0	69.2	39.9	99.9
					99.0	10.0	0.0	40.3

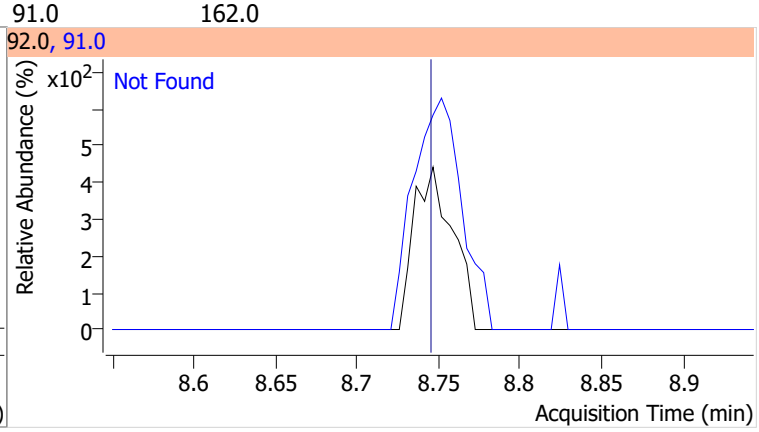




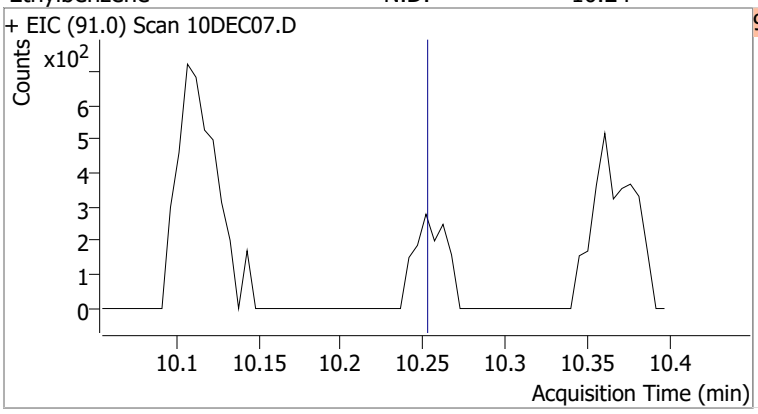


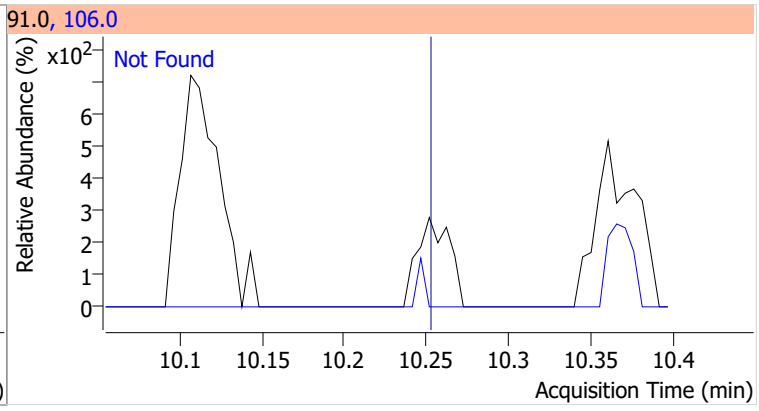
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.73	91.0	162.0



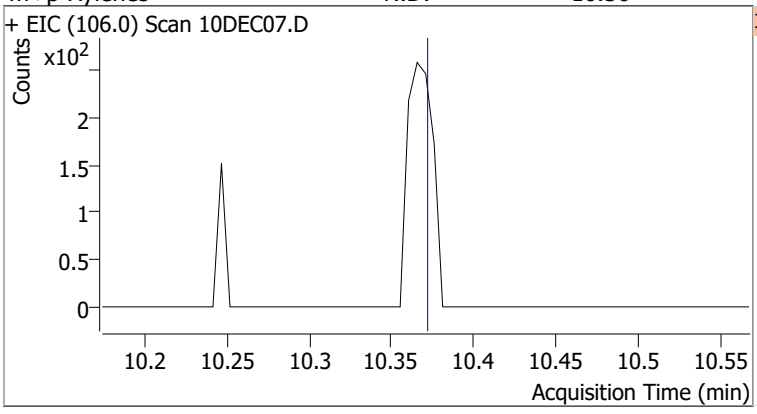


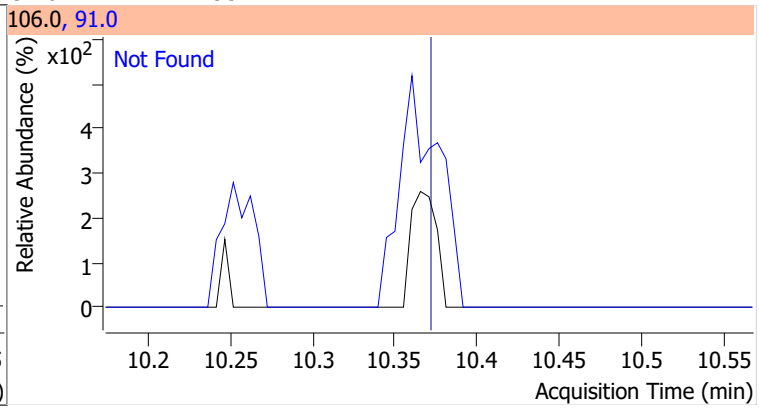
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	10.24	106.0	30.4



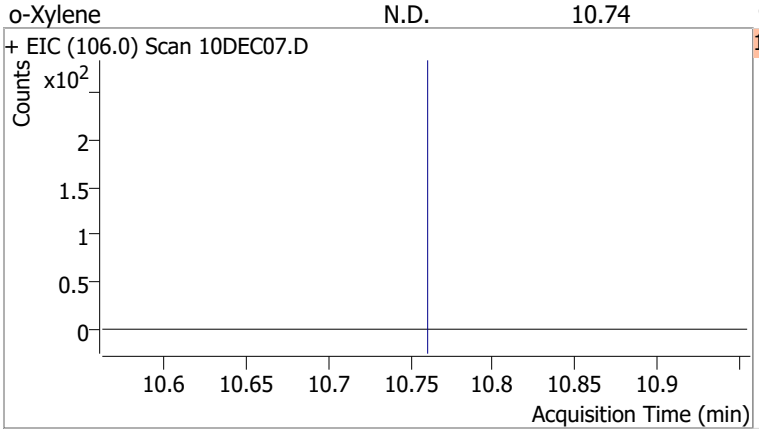


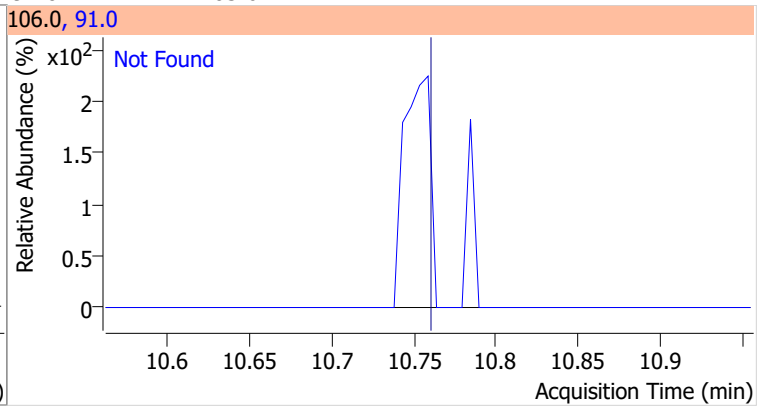
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.36	91.0	193.7



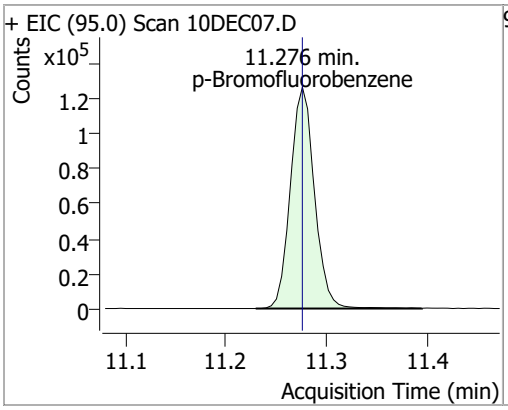


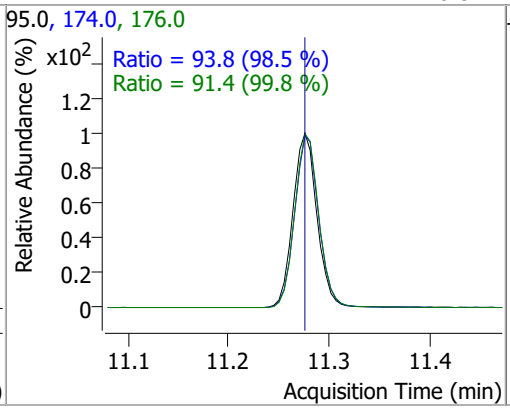
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.74	91.0	203.6

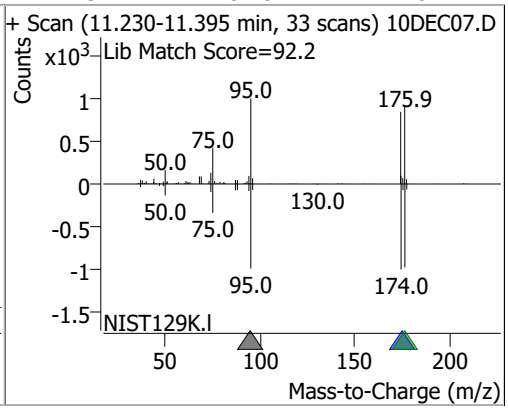




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	250.4724	11.28	0.02	211502	174.0	93.8	65.3	125.3
					176.0	91.4	61.6	121.6







Quantitation Results Report (QT Reviewed)

Data File	10DEC19.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/10/2021 6:20:00 PM
Sample Name	B21120800-003F	Instrument	GC/MS Ins
Vial	19	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
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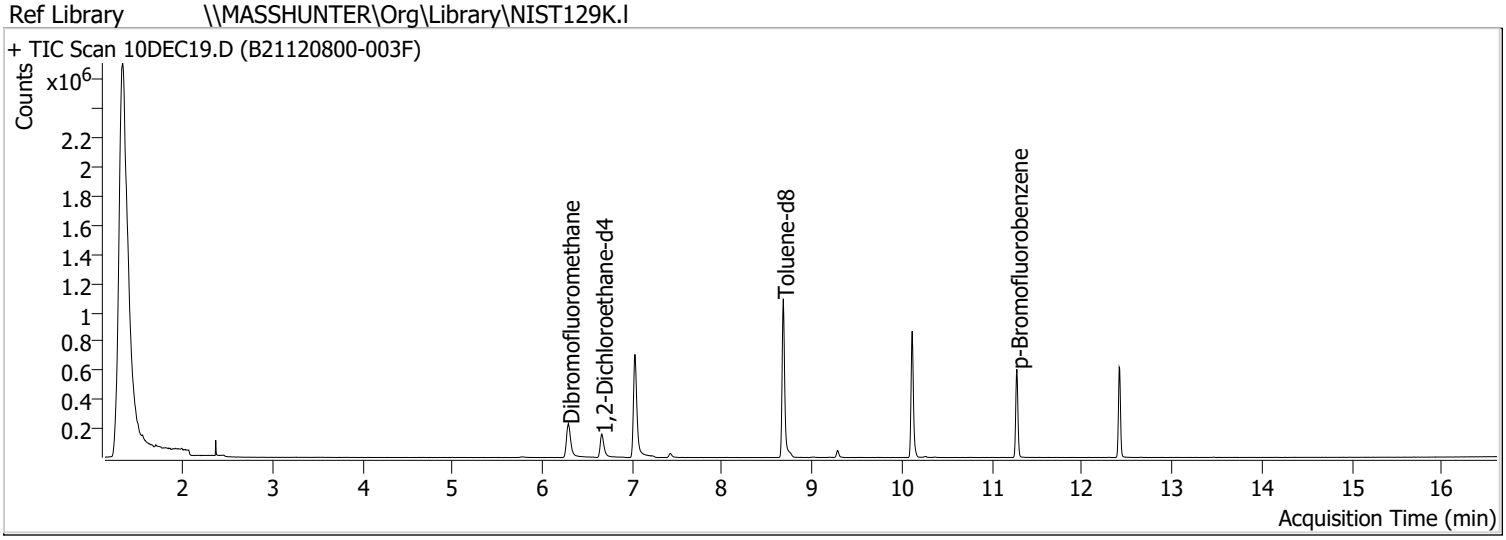
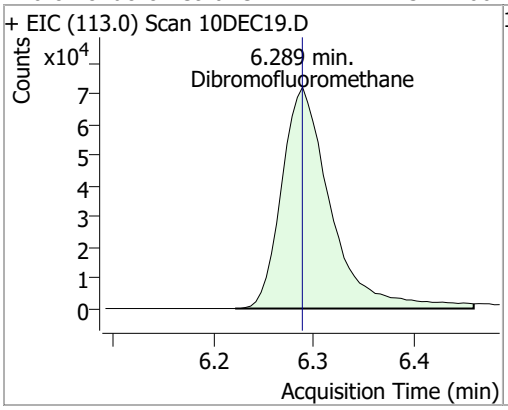
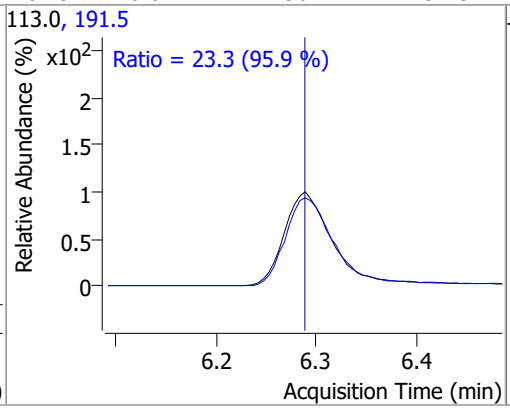


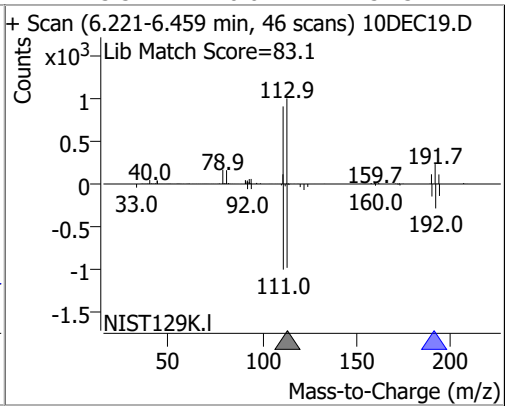
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	7.028	96.0	980148	250.0000	ng		0.015
M Chlorobenzene-d5	10.111	82.0	300880	250.0000	ng		0.015
M 1,4-Dichlorobenzene-d4	12.419	152.0	181153	250.0000	ng		0.015
System Monitoring Compounds							
S Dibromofluoromethane	6.289	113.0	245612	251.1766	ng		0.015
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 100.47%			
S 1,2-Dichloroethane-d4	6.661	67.0	90231	240.7372	ng		0.015
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 96.29%			
S Toluene-d8	8.679	98.0	872894	236.1111	ng		0.015
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 94.44%			
S p-Bromofluorobenzene	11.275	95.0	215057	256.0096	ng		0.015
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 102.40%			
Target Compounds							**QValue**
T Benzene	6.708	78.0	0		ng	md	1
T 1,2-Dichloroethane	0.000		0	N.D.			
T Toluene	0.000		0	N.D.			
T Ethylbenzene	0.000		0	N.D.			
T m+p-Xylenes	0.000		0	N.D.			
T o-Xylene	0.000		0	N.D.			

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

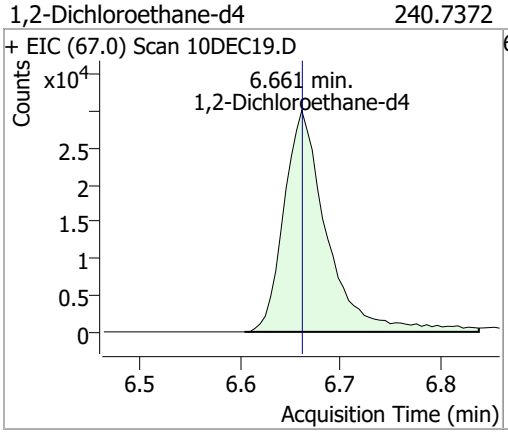
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	251.1766	6.29	0.01	245612	191.5	23.3	0.0	54.3

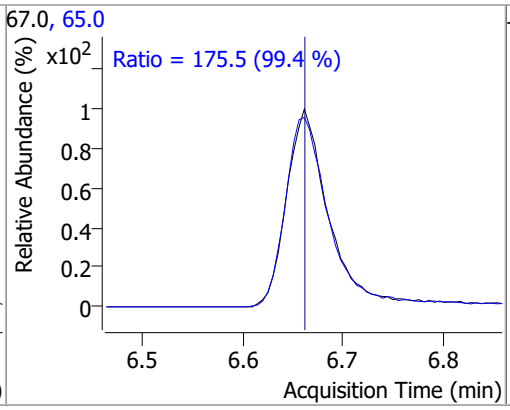


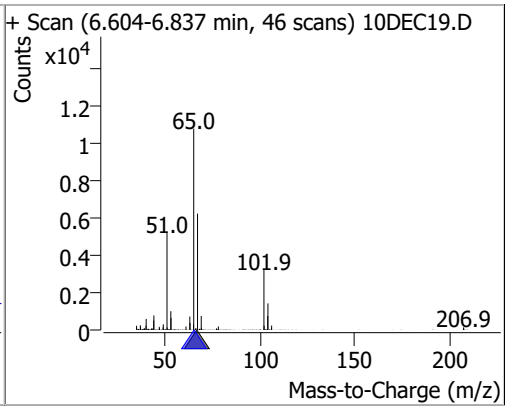




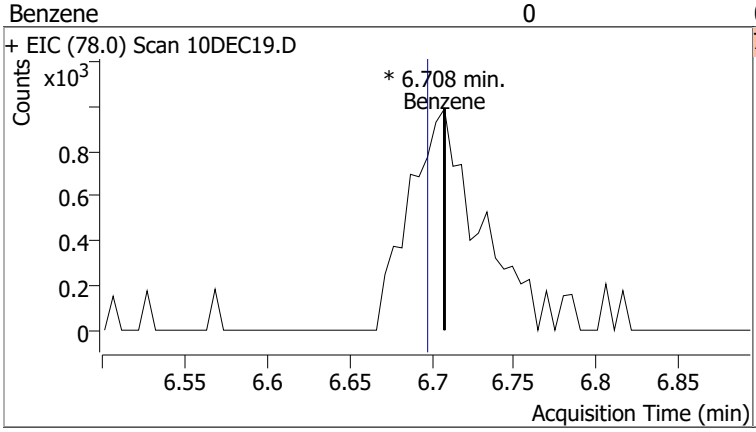
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	240.7372	6.66	0.01	90231	65.0	175.5	146.6	206.6

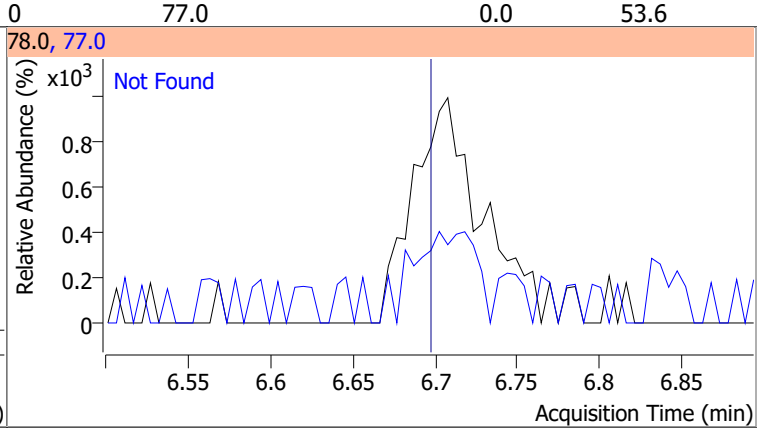




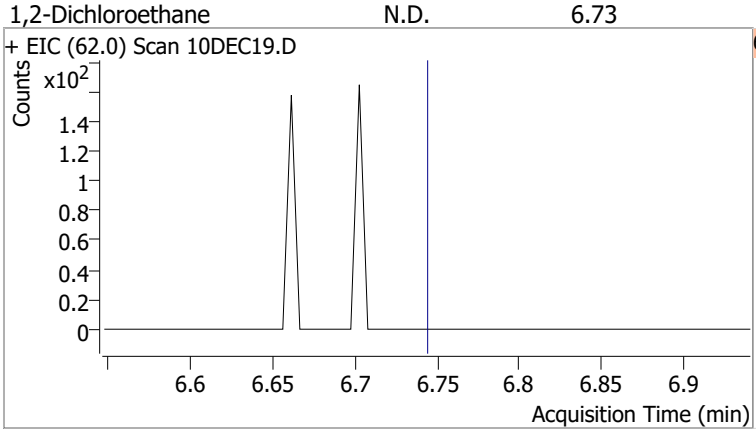


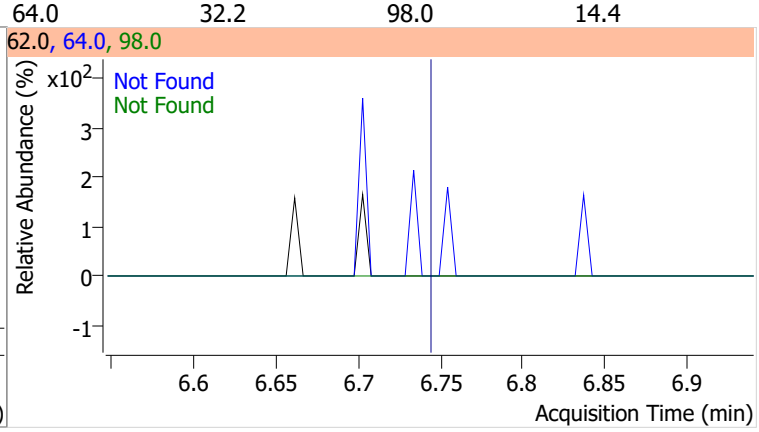
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene		0		0	77.0		0.0	53.6



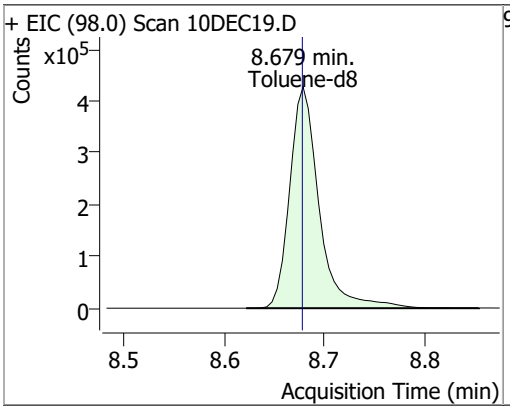


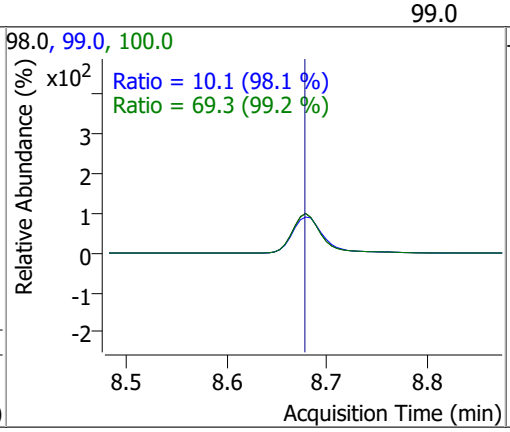
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

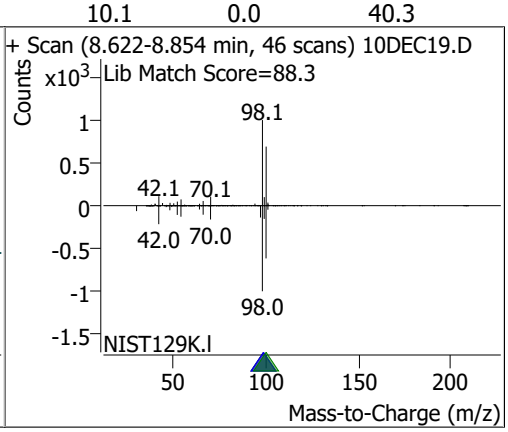




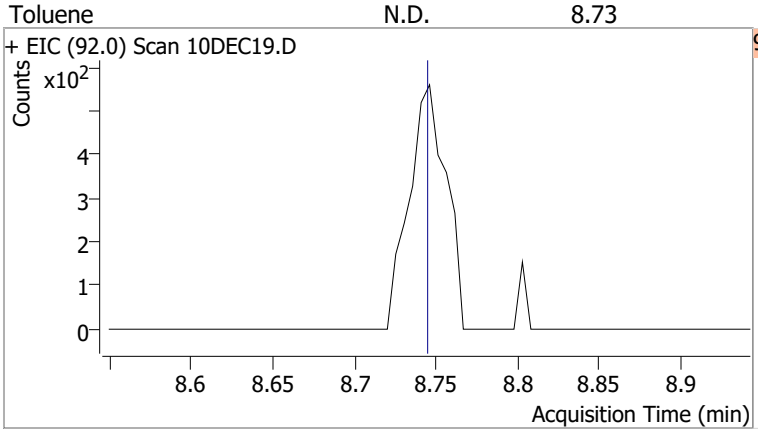
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	236.1111	8.68	0.01	872894	100.0	69.3	39.9	99.9
					99.0	10.1	0.0	40.3

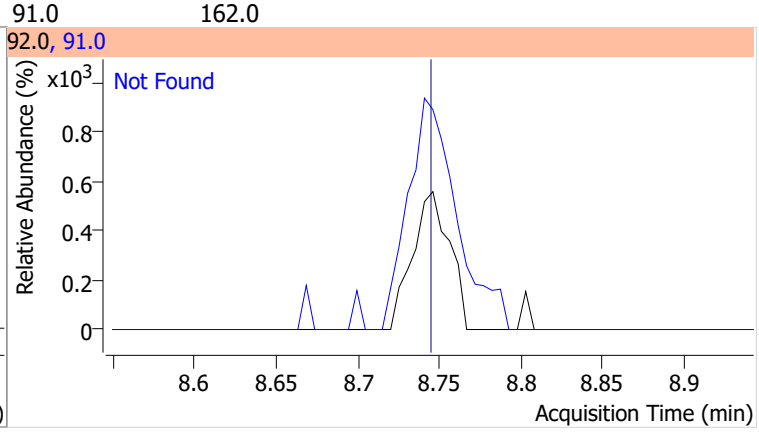




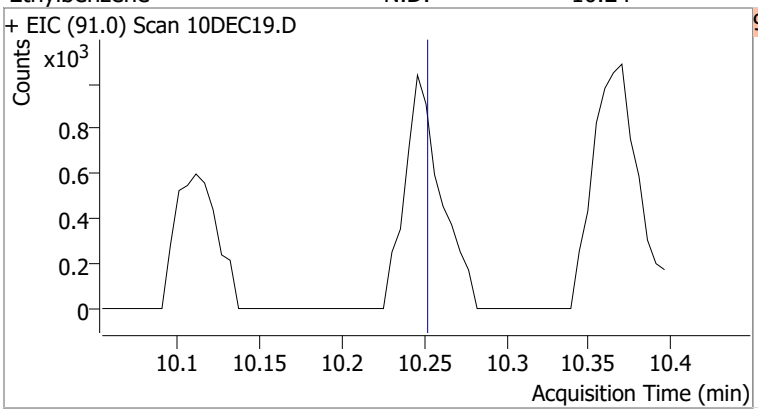


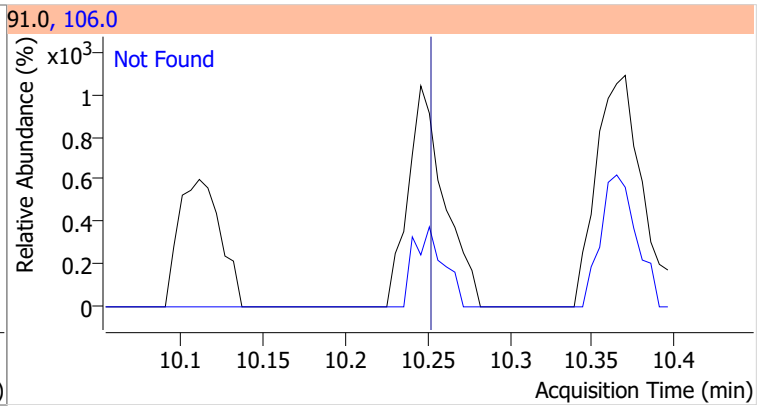
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.73	91.0	162.0



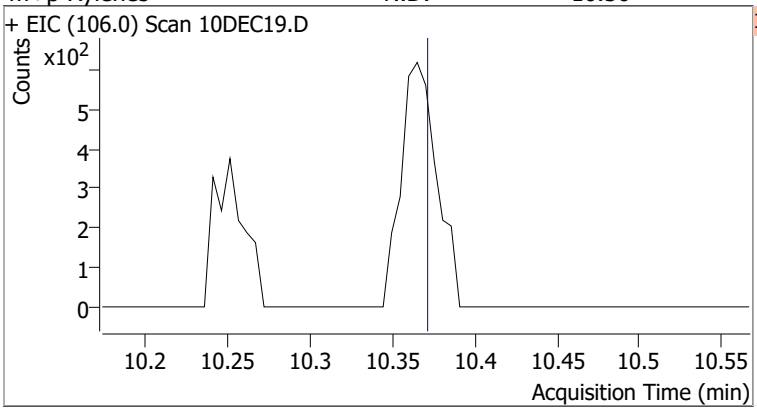


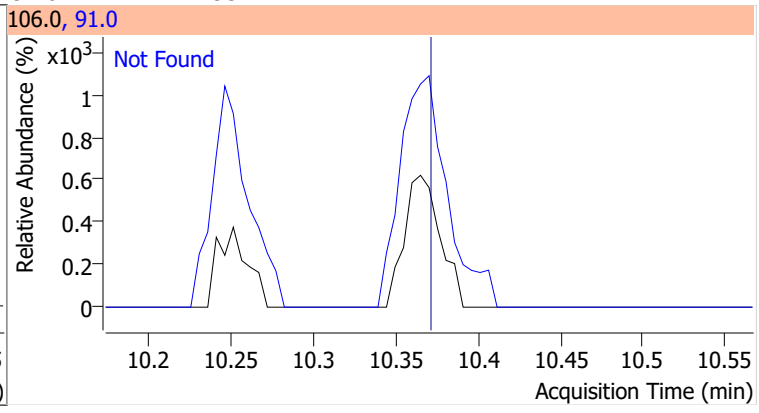
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	10.24	106.0	30.4



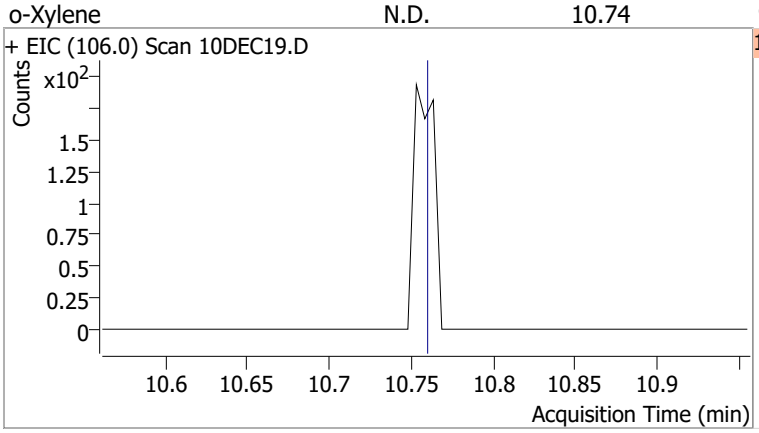


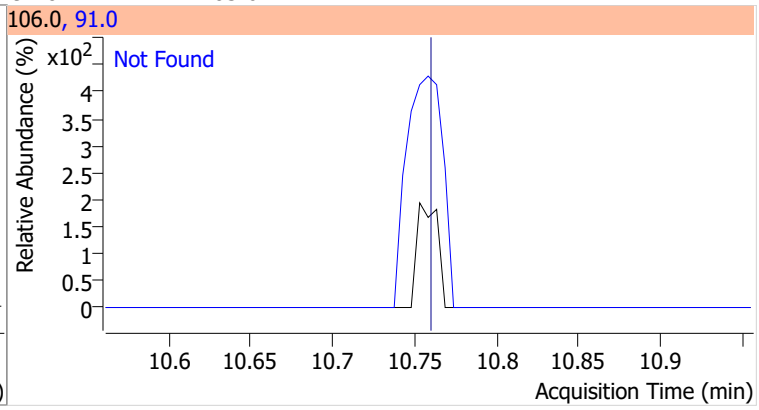
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.36	91.0	193.7



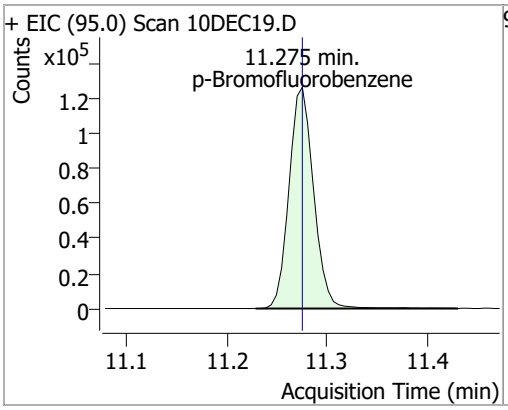


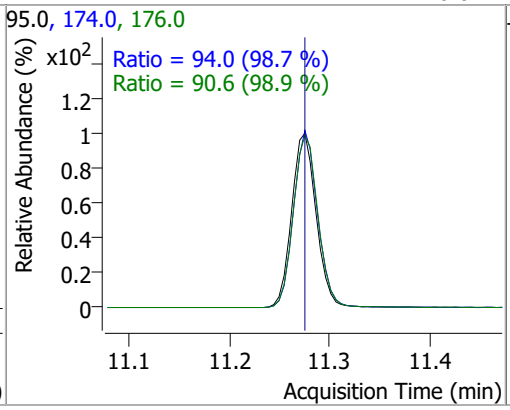
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.74	91.0	203.6

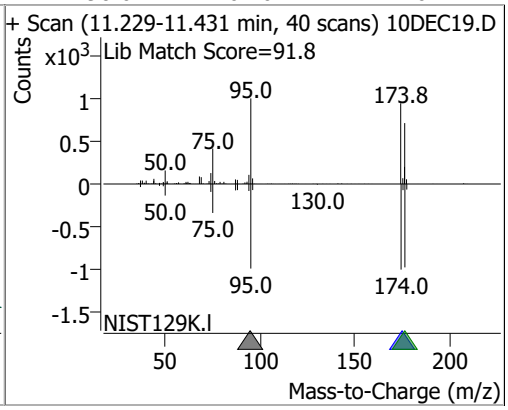




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	256.0096	11.28	0.01	215057	174.0	94.0	65.3	125.3
					176.0	90.6	61.6	121.6







Quantitation Results Report (QT Reviewed)

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DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB121021_8260B_624pt1_BTEX_L4.batch.bin	Last Calib Update	12/13/2021 3:19:29 PM
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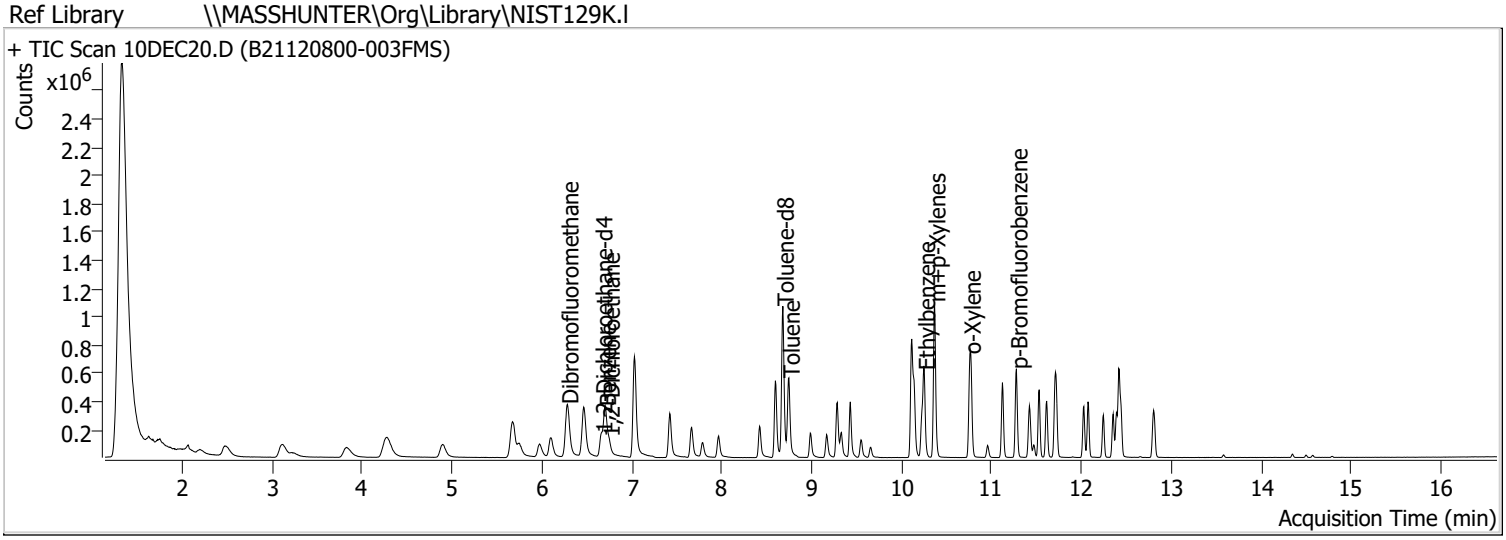
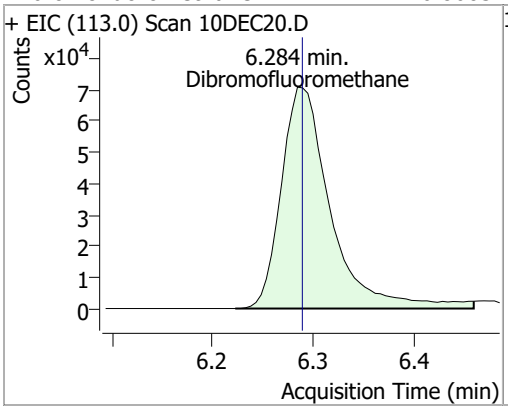
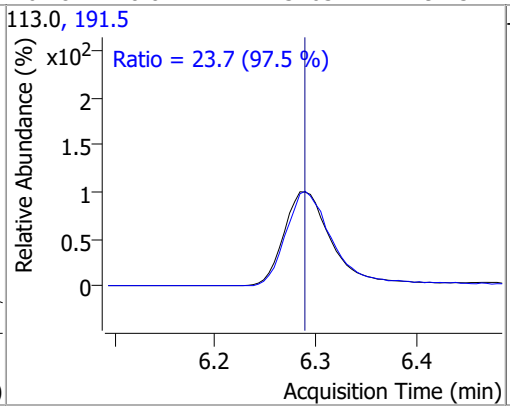


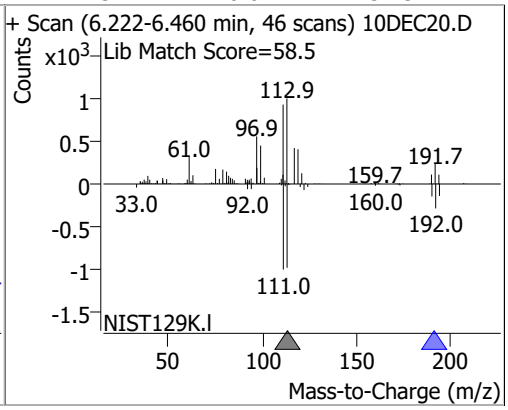
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.029	96.0	988560	250.0000	ng	0.016
M Chlorobenzene-d5	10.112	82.0	291056	250.0000	ng	0.016
M 1,4-Dichlorobenzene-d4	12.414	152.0	174858	250.0000	ng	0.010
System Monitoring Compounds						
S Dibromofluoromethane	6.284	113.0	243463	246.8603	ng	0.010
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 98.74%		
S 1,2-Dichloroethane-d4	6.662	67.0	89187	235.9269	ng	0.016
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 94.37%		
S Toluene-d8	8.680	98.0	847022	236.8461	ng	0.016
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 94.74%		
S p-Bromofluorobenzene	11.276	95.0	215274	265.4937	ng	0.016
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 106.20%		
Target Compounds						**QValue**
T Benzene	6.703	78.0	477459	115.9182	ng	99
T 1,2-Dichloroethane	6.745	62.0	90429	122.9694	ng	99
T Toluene	8.747	92.0	285400	115.9704	ng	98
T Ethylbenzene	10.252	91.0	465889	114.4268	ng	98
T m+p-Xylenes	10.366	106.0	345428	224.7125	ng	97
T o-Xylene	10.759	106.0	158839	116.8777	ng	95

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

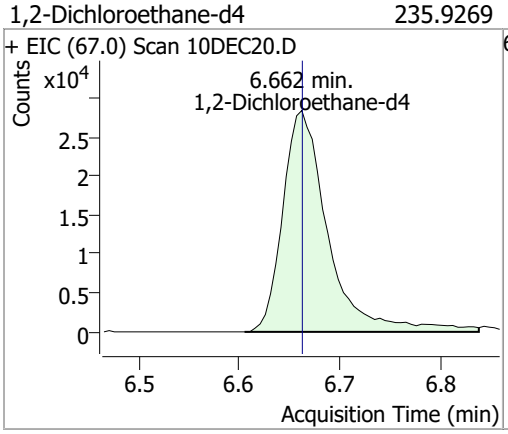
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	246.8603	6.28	0.01	243463	191.5	23.7	0.0	54.3

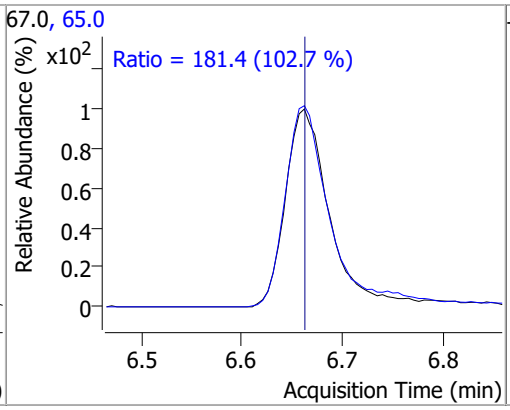


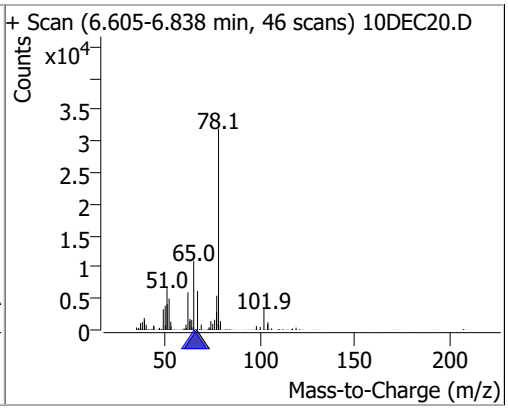




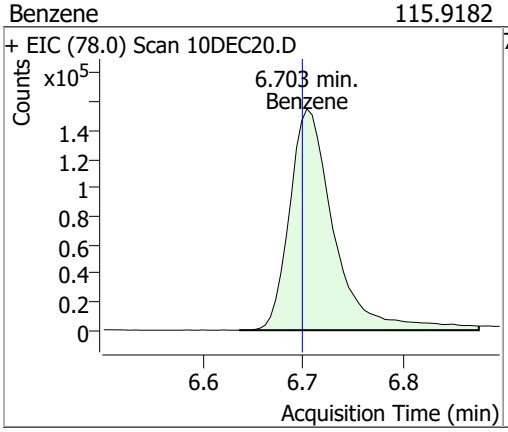
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	235.9269	6.66	0.02	89187	65.0	181.4	146.6	206.6

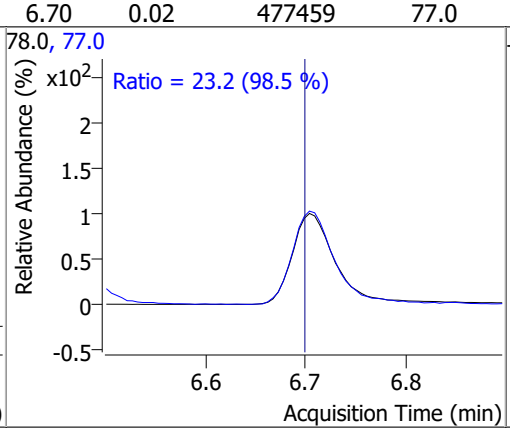


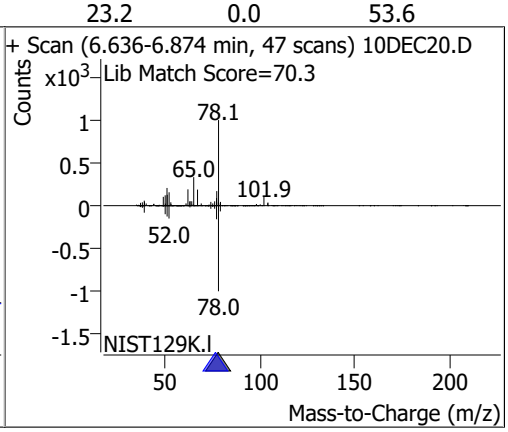




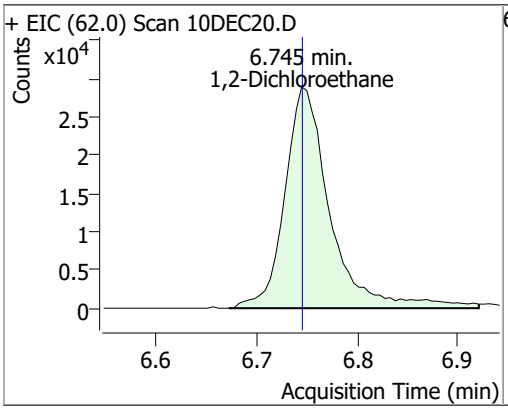
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	115.9182	6.70	0.02	477459	77.0	23.2	0.0	53.6

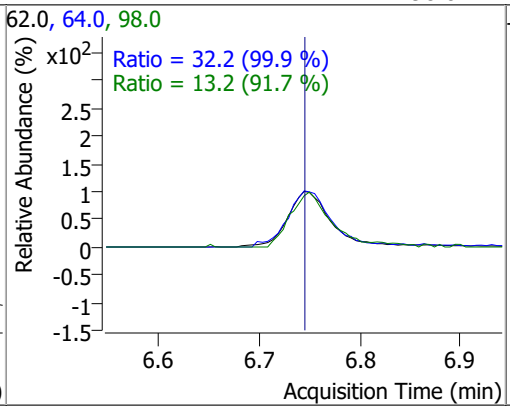


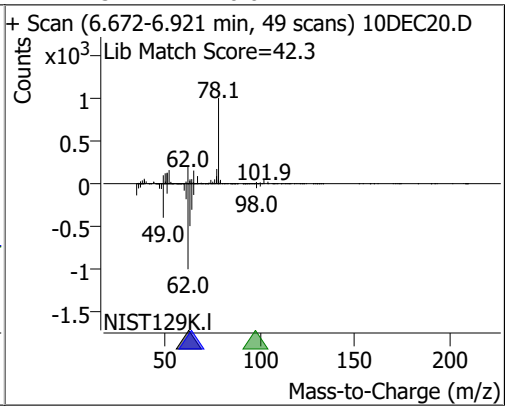




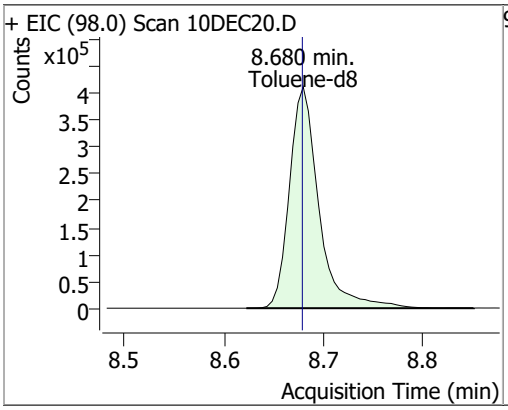
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	122.9694	6.74	0.02	90429	64.0	32.2	2.2	62.2
					98.0	13.2	0.0	44.4

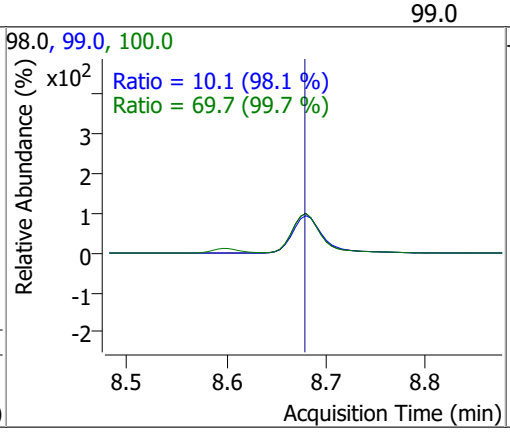


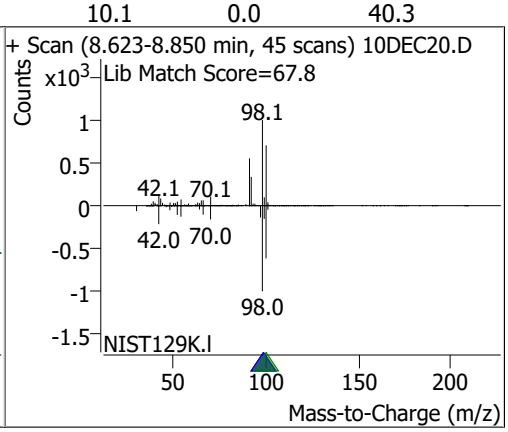




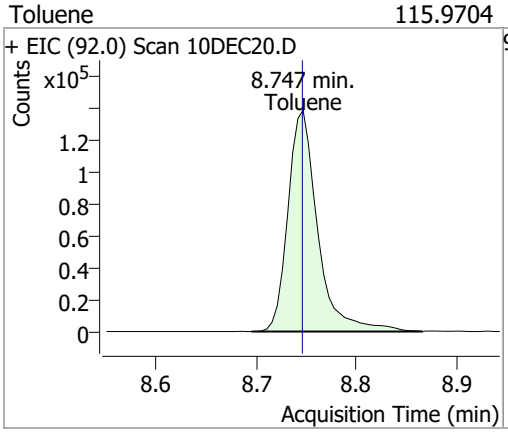
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	236.8461	8.68	0.02	847022	100.0	69.7	39.9	99.9
					99.0	10.1	0.0	40.3

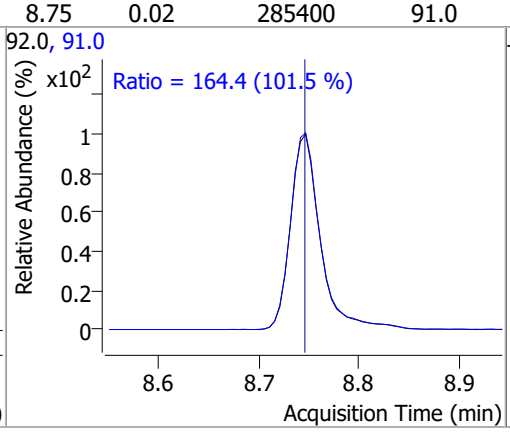


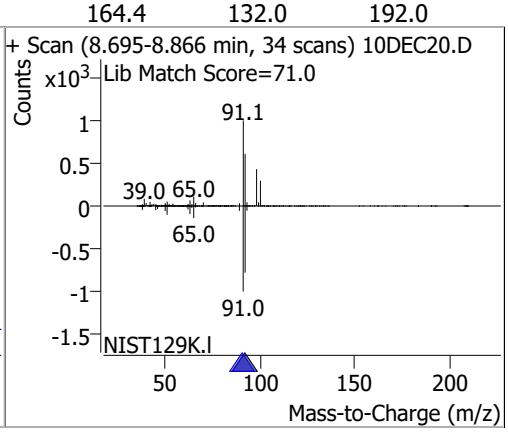




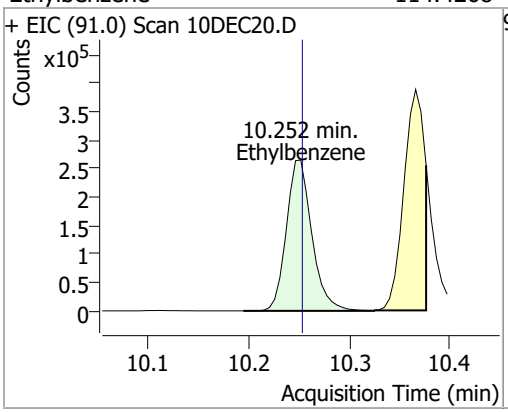
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	115.9704	8.75	0.02	285400	91.0	164.4	132.0	192.0

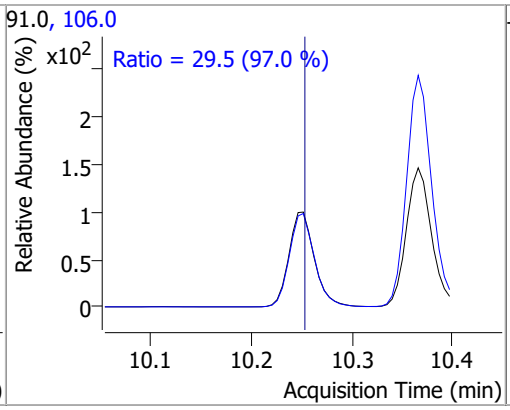


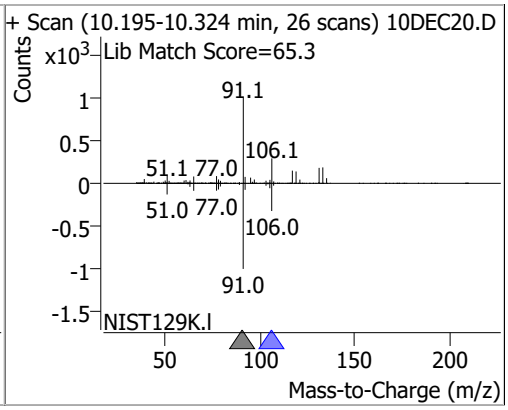




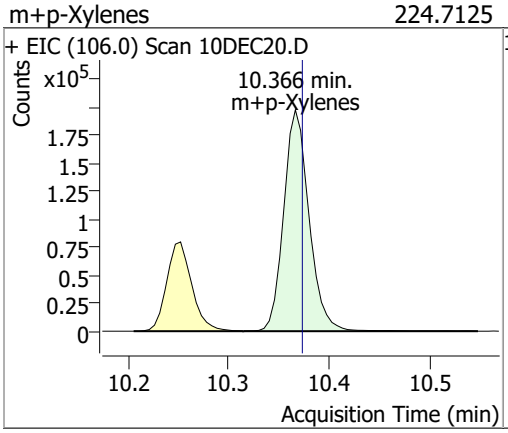
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	114.4268	10.25	0.02	465889	106.0	29.5	0.4	60.4

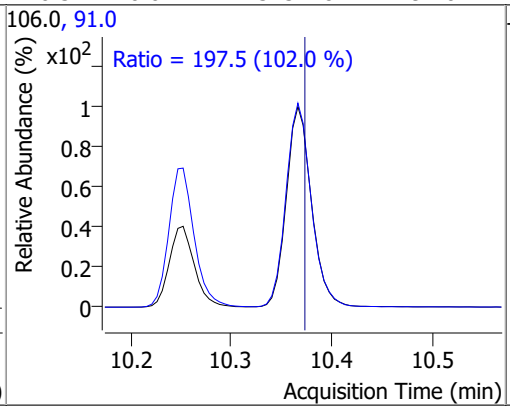


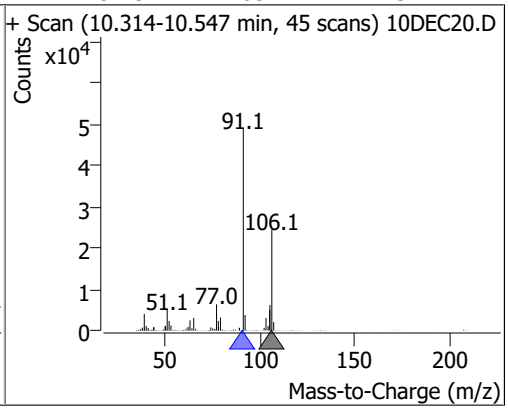




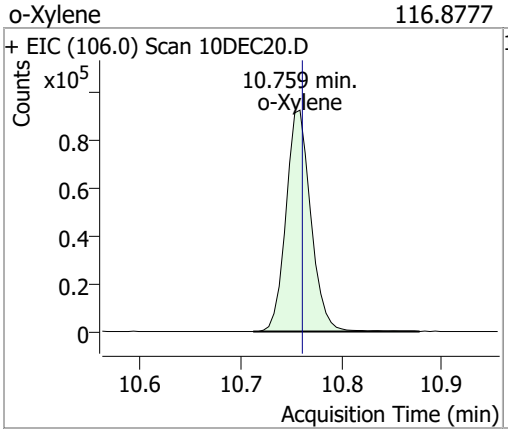
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	224.7125	10.37	0.01	345428	91.0	197.5	163.7	223.7

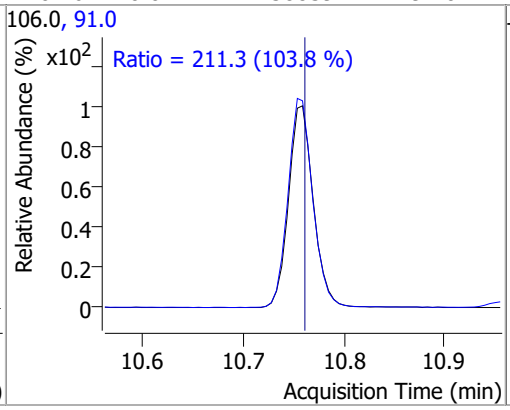


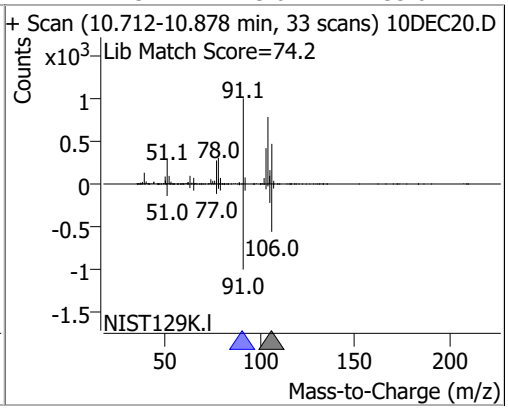




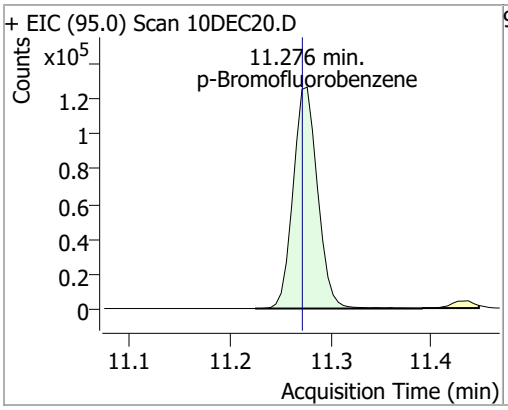
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	116.8777	10.76	0.02	158839	91.0	211.3	173.6	233.6

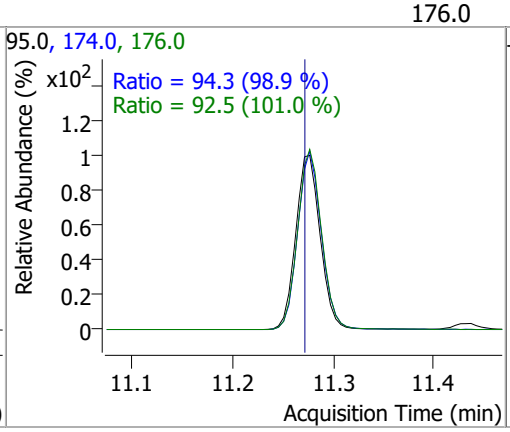


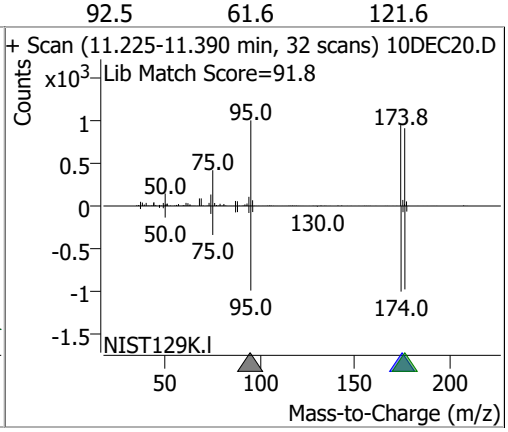




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	265.4937	11.28	0.02	215274	174.0	94.3	65.3	125.3
					176.0	92.5	61.6	121.6







Quantitation Results Report (QT Reviewed)

Data File	10DEC21.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/10/2021 7:14:00 PM
Sample Name	B21120800-003FMSD	Instrument	GC/MS Ins
Vial	21	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB121021_8260B_624pt1_BTEX_L4.batch.bin	Last Calib Update	12/13/2021 3:19:29 PM
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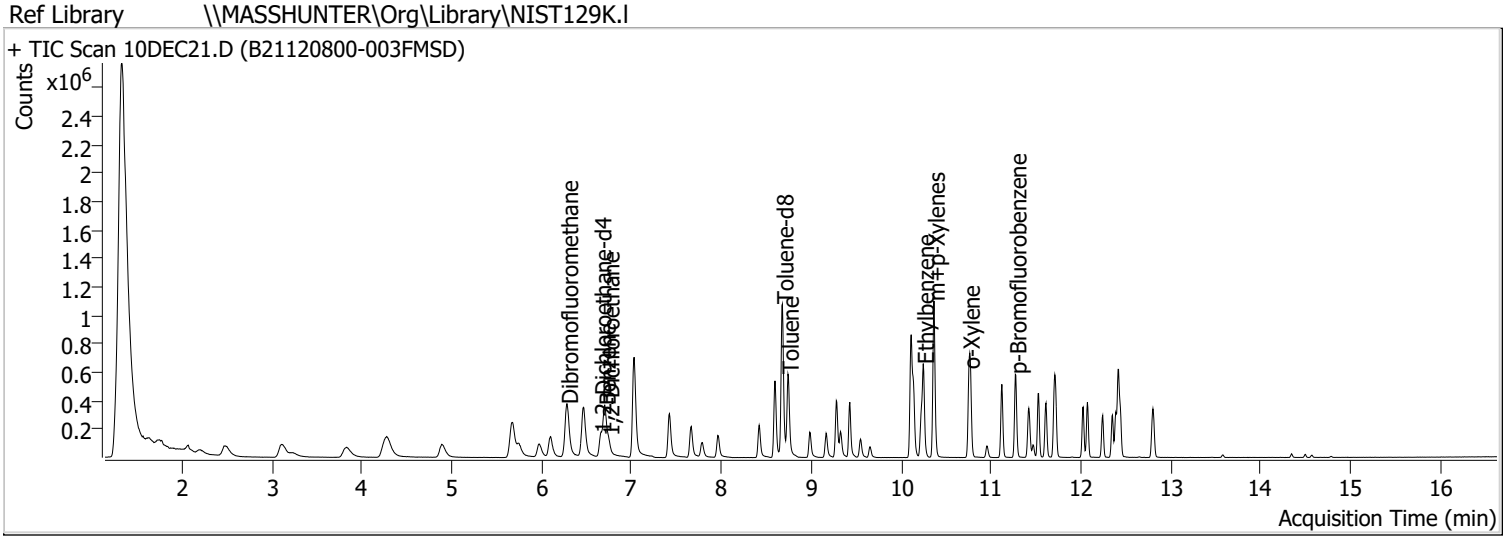
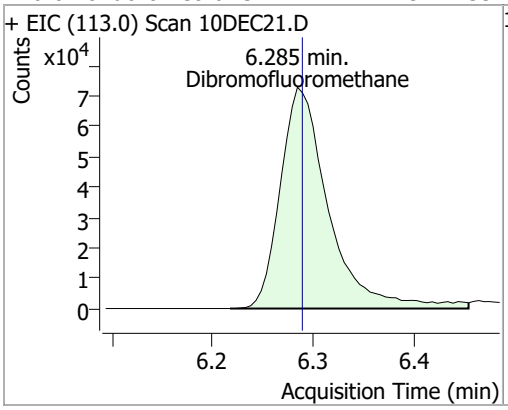
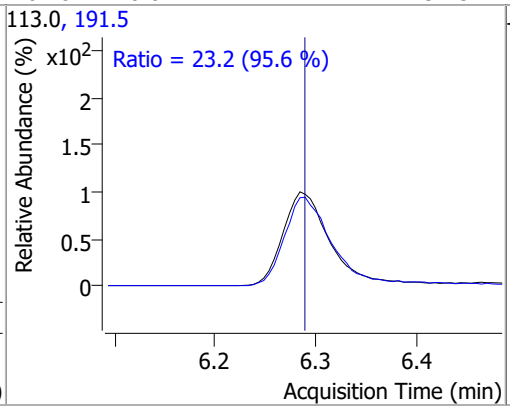


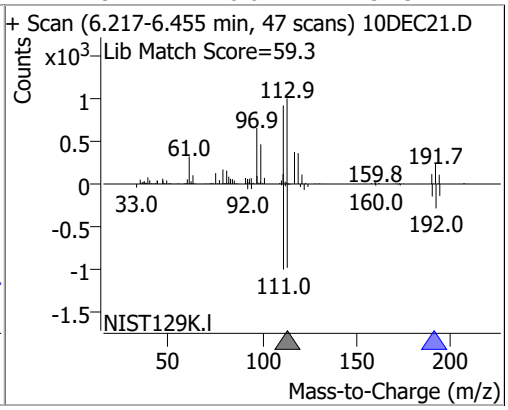
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.030	96.0	976850	250.0000	ng	0.016
M Chlorobenzene-d5	10.113	82.0	293522	250.0000	ng	0.016
M 1,4-Dichlorobenzene-d4	12.414	152.0	173563	250.0000	ng	0.011
System Monitoring Compounds						
S Dibromofluoromethane	6.285	113.0	244724	251.1135	ng	0.011
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 100.45%		
S 1,2-Dichloroethane-d4	6.657	67.0	90295	241.7213	ng	0.011
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 96.69%		
S Toluene-d8	8.680	98.0	861921	238.9874	ng	0.016
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 95.59%		
S p-Bromofluorobenzene	11.271	95.0	207078	257.2912	ng	0.011
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 102.92%		
Target Compounds						**QValue**
T Benzene	6.704	78.0	479079	117.7058	ng	99
T 1,2-Dichloroethane	6.745	62.0	91442	125.8375	ng	98
T Toluene	8.742	92.0	289964	116.8350	ng	97
T Ethylbenzene	10.247	91.0	467110	113.7628	ng	99
T m+p-Xylenes	10.366	106.0	339914	219.2677	ng	97
T o-Xylene	10.754	106.0	154685	112.8649	ng	94

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

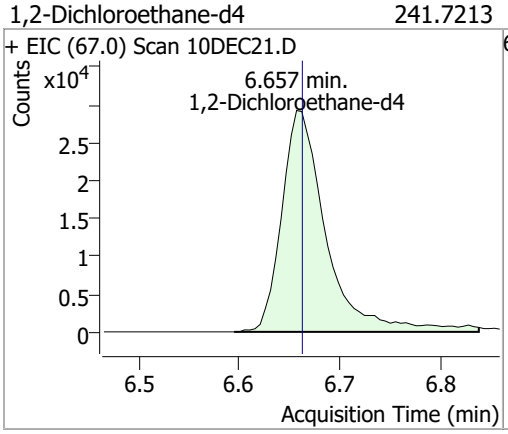
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	251.1135	6.28	0.01	244724	191.5	23.2	0.0	54.3

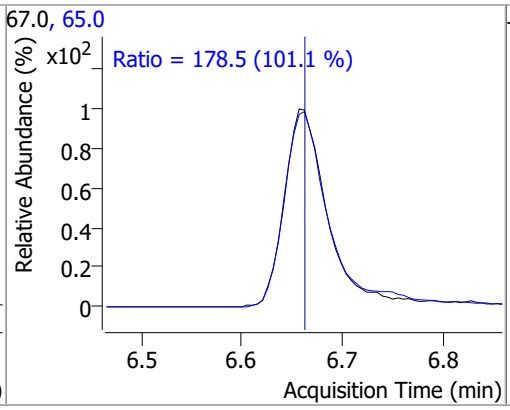


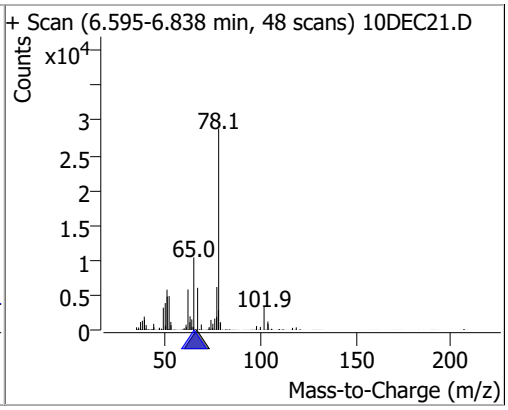




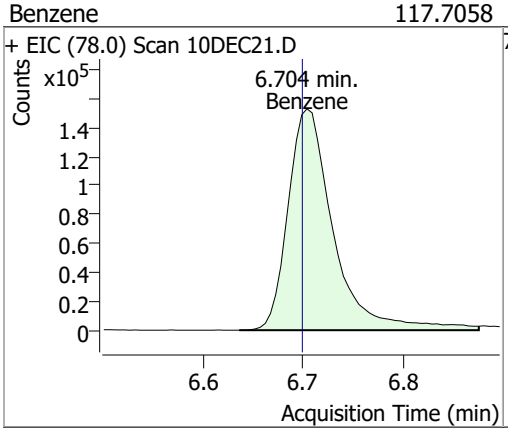
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	241.7213	6.66	0.01	90295	65.0	178.5	146.6	206.6

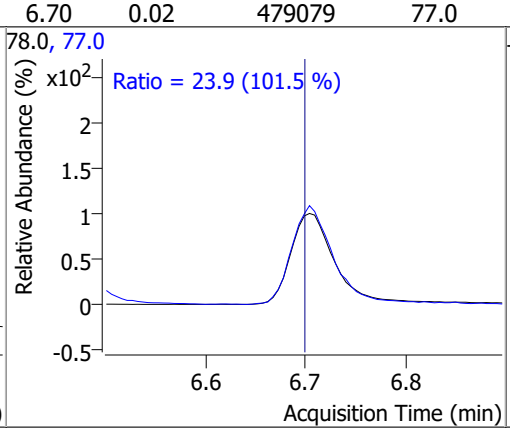


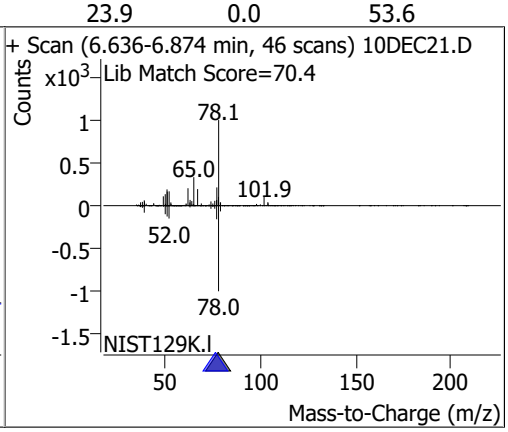




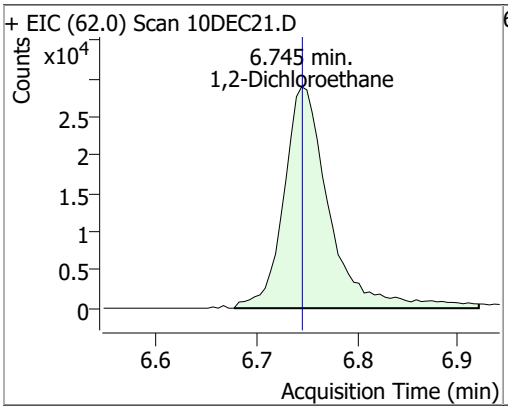
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	117.7058	6.70	0.02	479079	77.0	23.9	0.0	53.6

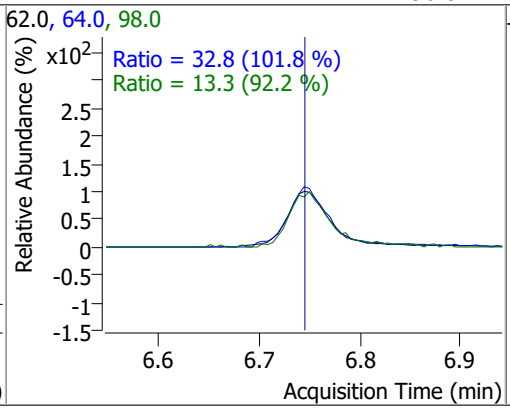


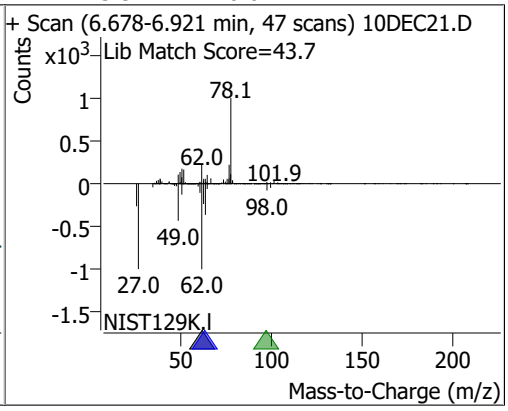




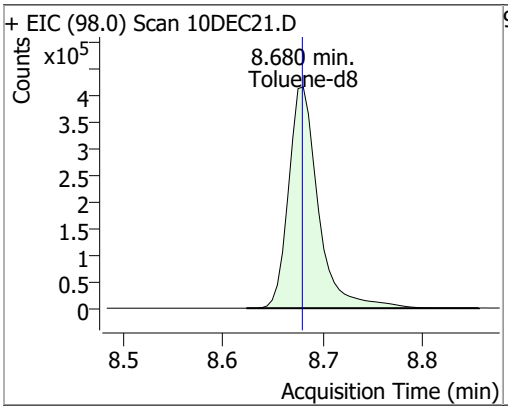
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	125.8375	6.75	0.02	91442	64.0	32.8	2.2	62.2
					98.0	13.3	0.0	44.4

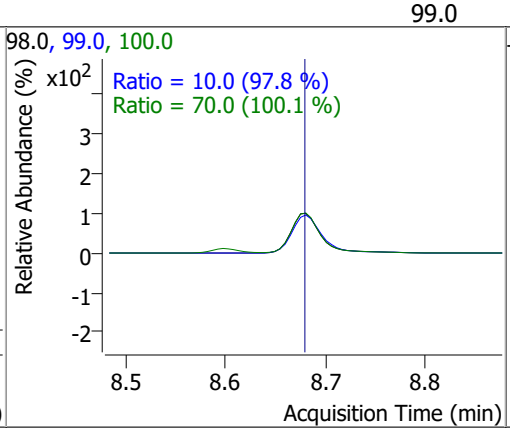


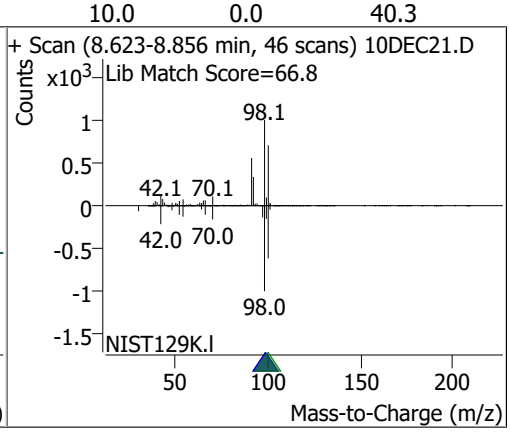




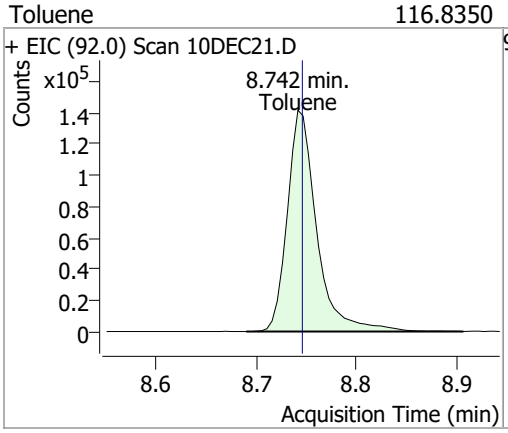
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	238.9874	8.68	0.02	861921	100.0	70.0	39.9	99.9
					99.0	10.0	0.0	40.3

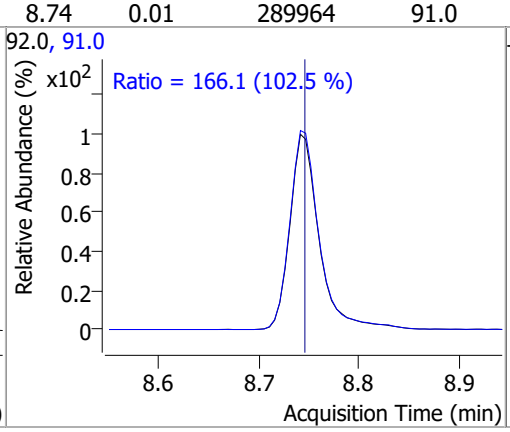


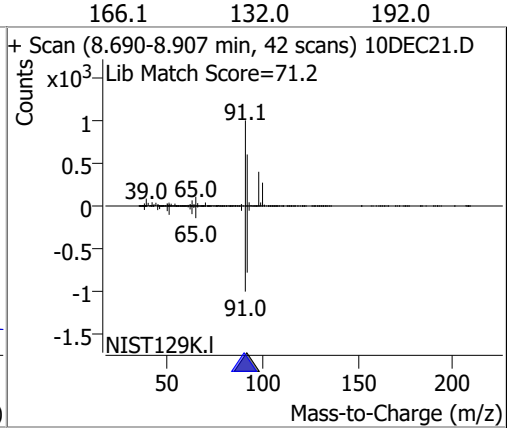




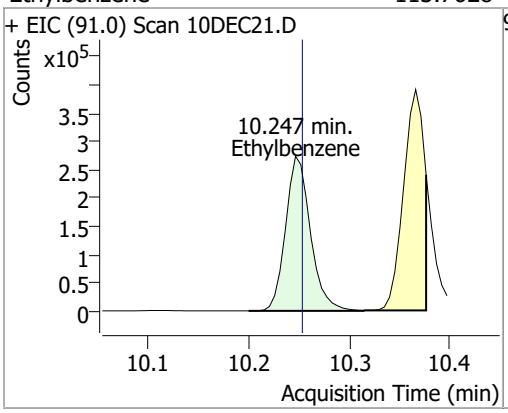
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	116.8350	8.74	0.01	289964	91.0	166.1	132.0	192.0

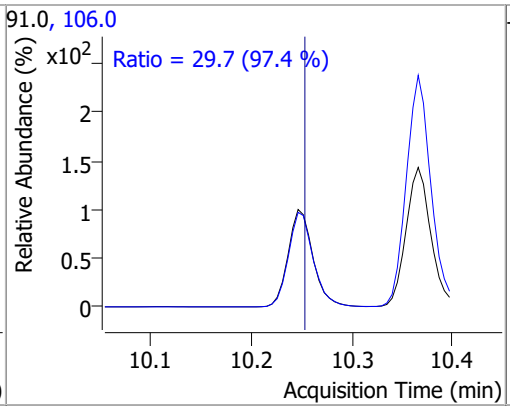


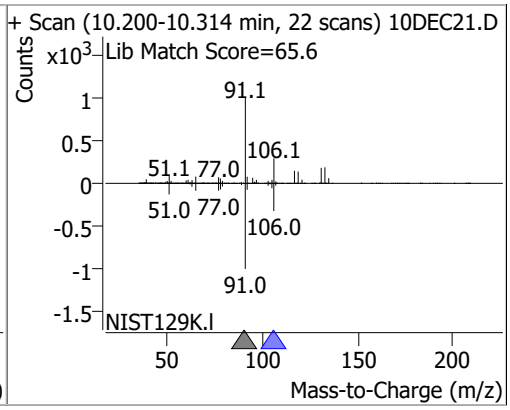




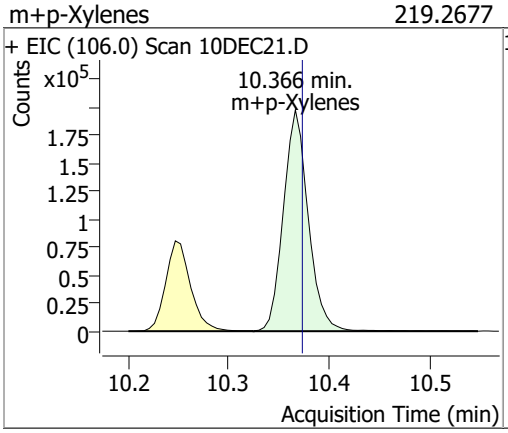
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	113.7628	10.25	0.01	467110	106.0	29.7	0.4	60.4

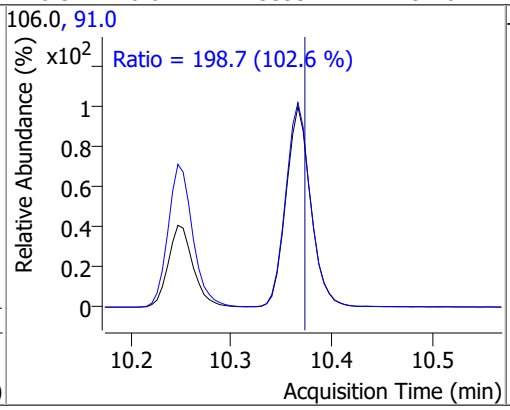


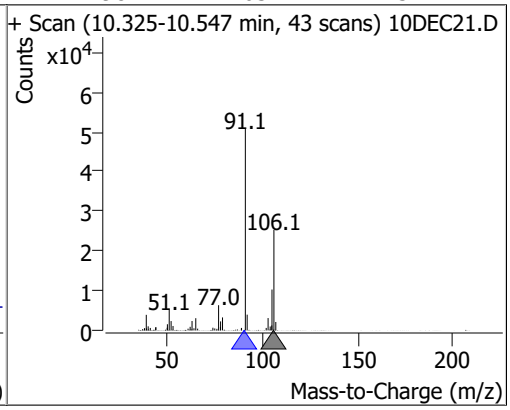




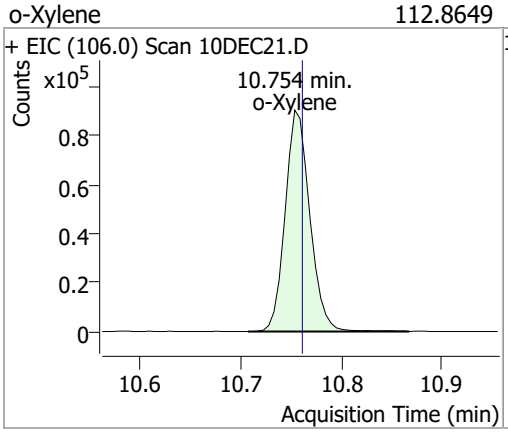
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	219.2677	10.37	0.01	339914	91.0	198.7	163.7	223.7

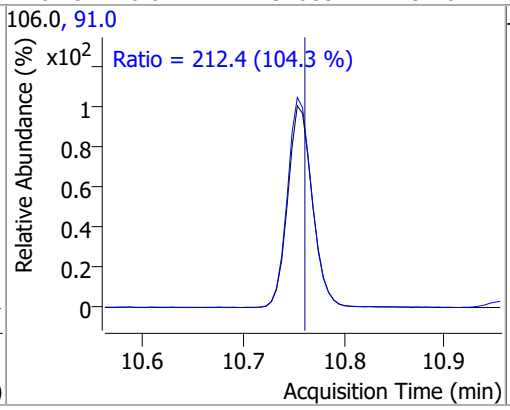


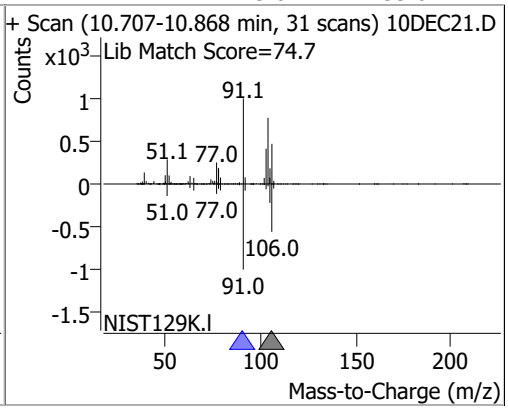




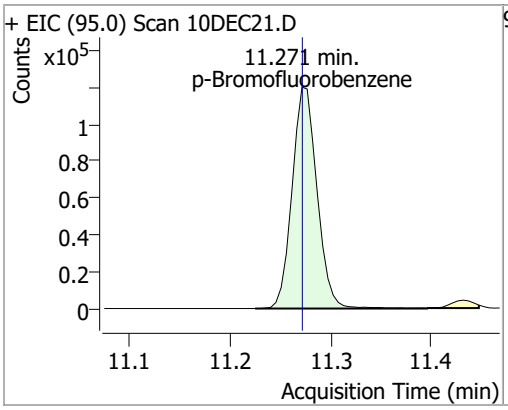
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	112.8649	10.75	0.01	154685	91.0	212.4	173.6	233.6

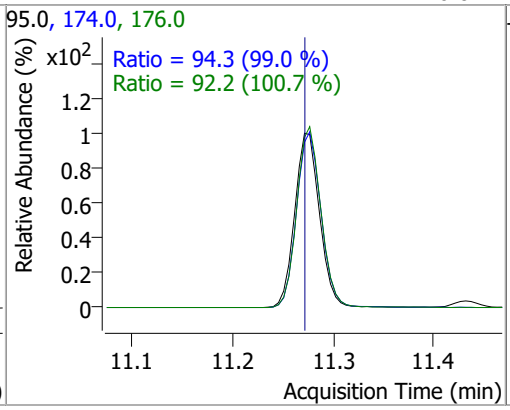


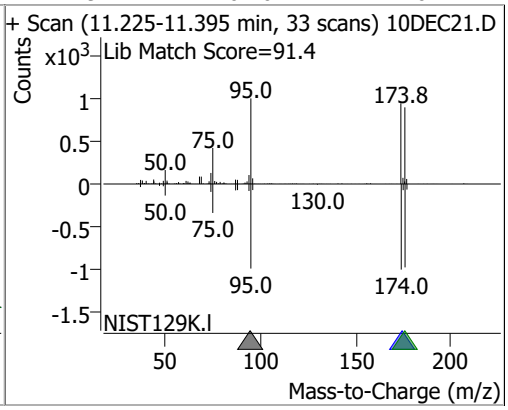




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	257.2912	11.27	0.01	207078	174.0	94.3	65.3	125.3
					176.0	92.2	61.6	121.6



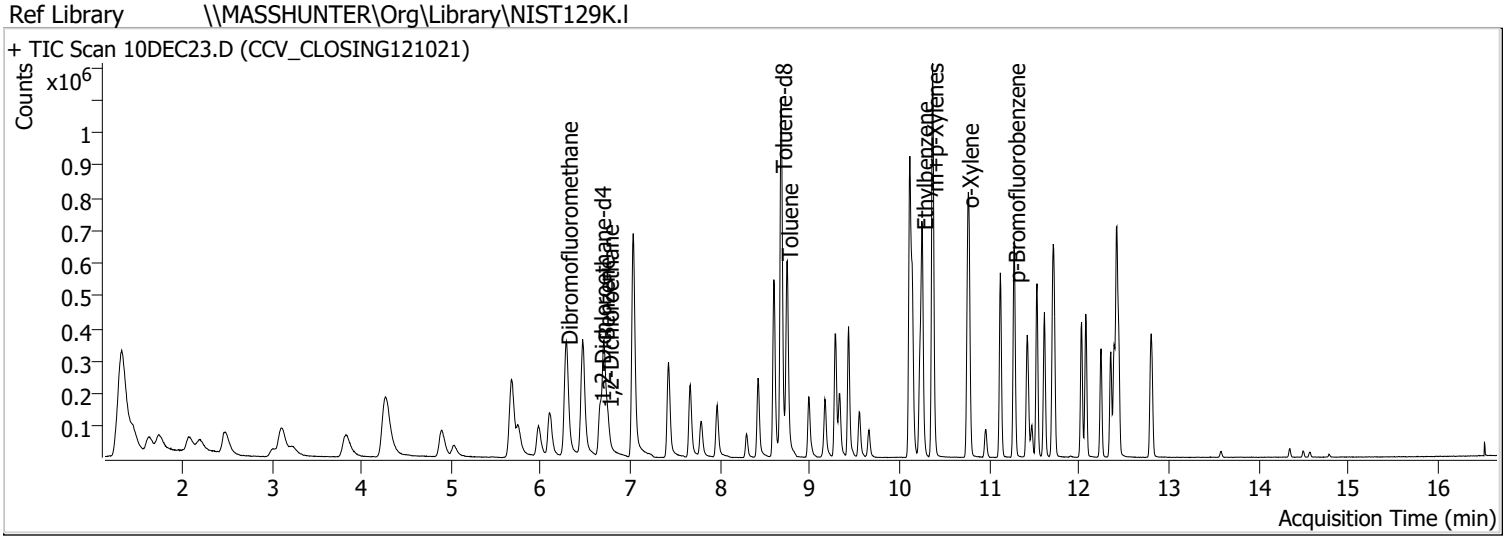




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

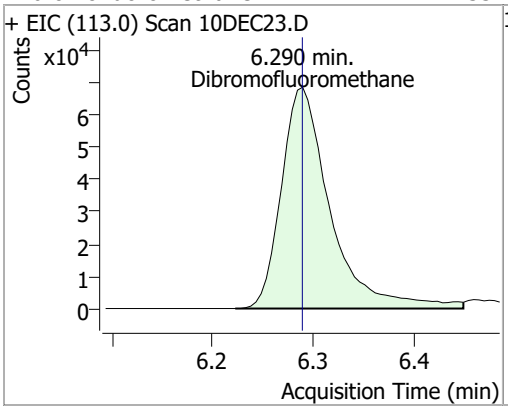
Data File	10DEC23.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/10/2021 8:07:00 PM
Sample Name	CCV_CLOSING121021	Instrument	GC/MS Ins
Vial	23	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB121021_8260B_624pt1_BTEX_L4.batch.bin	Last Calib Update	12/13/2021 3:19:29 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

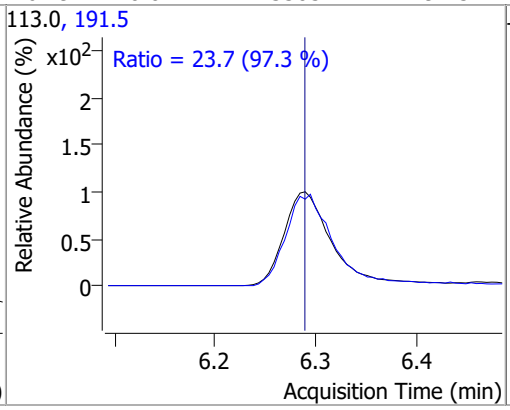


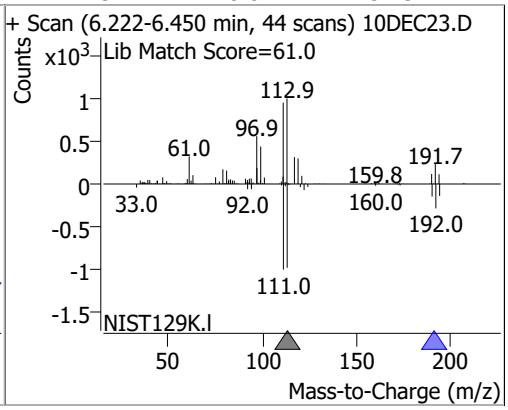
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.029	96.0	955757	250.0000	ng	0.015
M Chlorobenzene-d5	10.112	82.0	315563	250.0000	ng	0.015
M 1,4-Dichlorobenzene-d4	12.414	152.0	200935	250.0000	ng	0.010
System Monitoring Compounds						
S Dibromofluoromethane	6.290	113.0	233051	244.4133	ng	0.015
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 97.77%		
S 1,2-Dichloroethane-d4	6.662	67.0	86481	236.6204	ng	0.015
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 94.65%		
S Toluene-d8	8.679	98.0	883681	227.9070	ng	0.015
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 91.16%		
S p-Bromofluorobenzene	11.276	95.0	231121	248.0459	ng	0.015
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 99.22%		
Target Compounds						QValue
T Benzene	6.703	78.0	468422	117.6273	ng	100
T 1,2-Dichloroethane	6.745	62.0	91788	129.1013	ng	97
T Toluene	8.747	92.0	306581	114.9023	ng	99
T Ethylbenzene	10.252	91.0	513476	116.3204	ng	98
T m+p-Xylenes	10.366	106.0	383966	230.3844	ng	96
T o-Xylene	10.759	106.0	167791	113.8764	ng	93

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

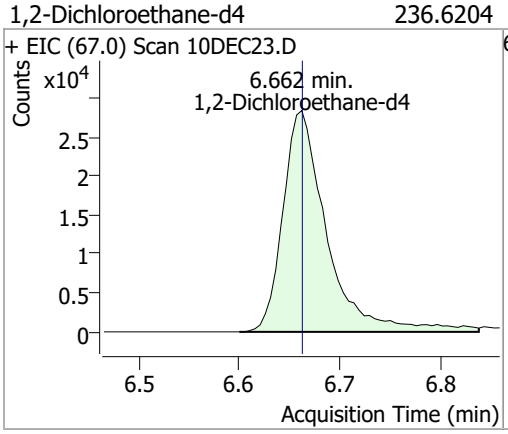
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	244.4133	6.29	0.02	233051	191.5	23.7	0.0	54.3

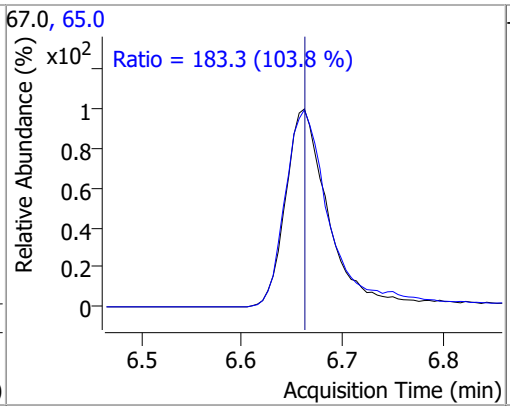


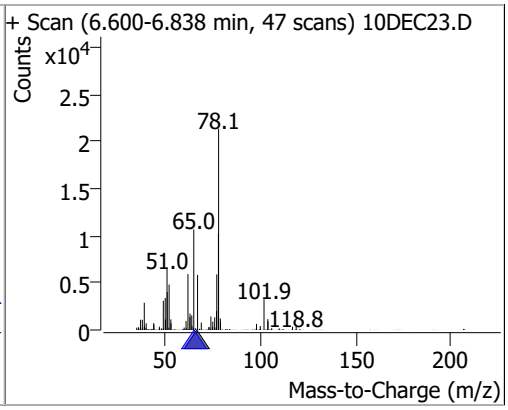




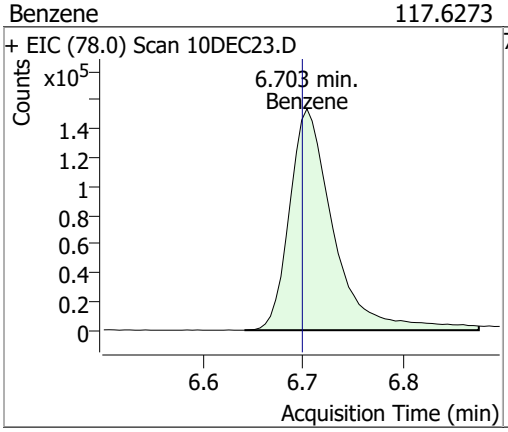
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	236.6204	6.66	0.02	86481	65.0	183.3	146.6	206.6

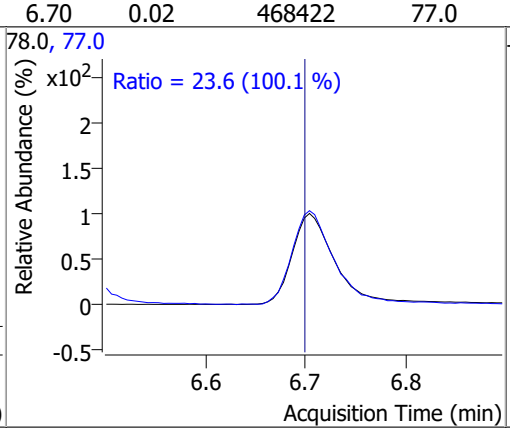


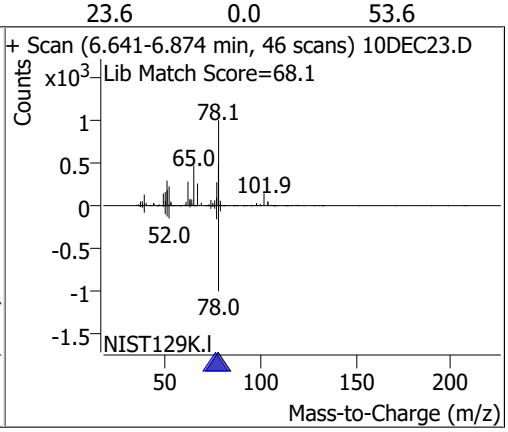




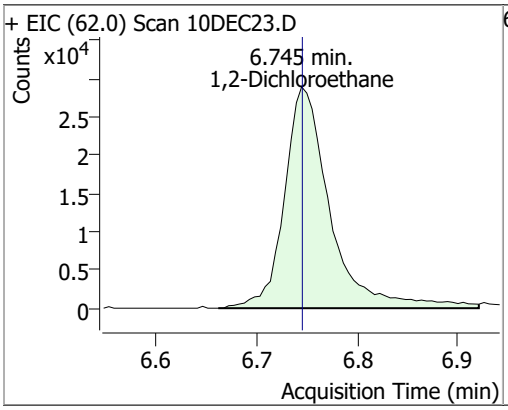
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	117.6273	6.70	0.02	468422	77.0	23.6	0.0	53.6

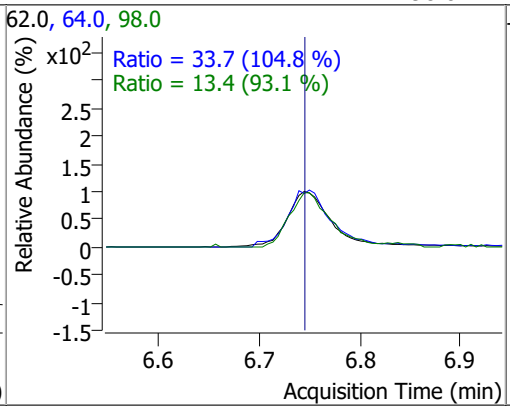


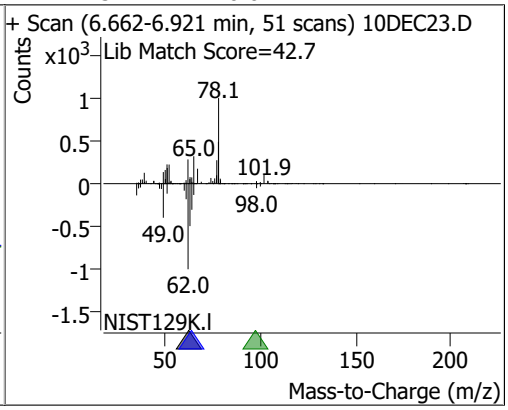




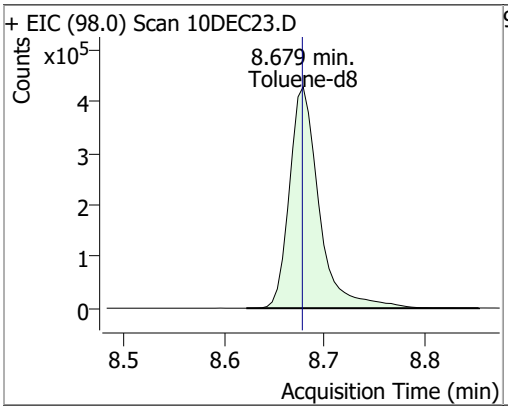
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	129.1013	6.74	0.02	91788	64.0	33.7	2.2	62.2
					98.0	13.4	0.0	44.4

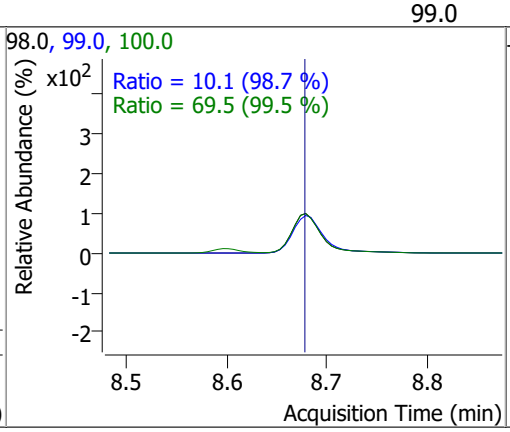


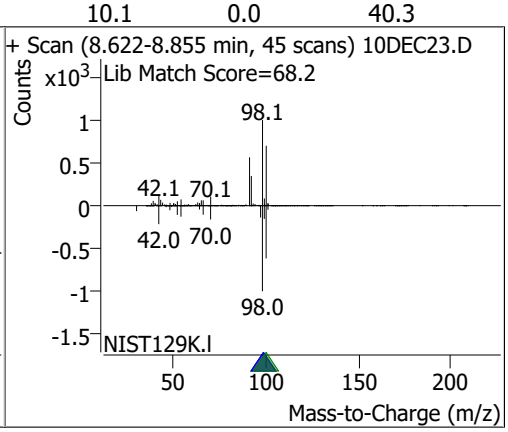




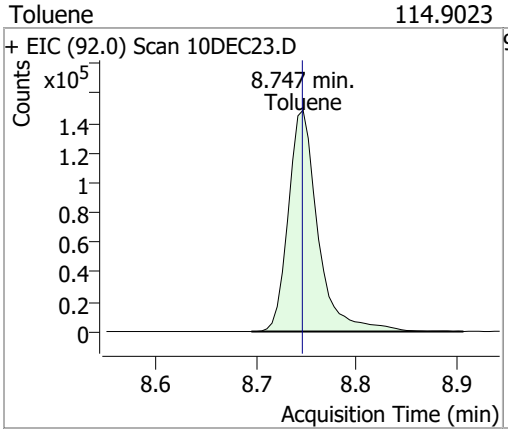
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	227.9070	8.68	0.02	883681	100.0	69.5	39.9	99.9
					99.0	10.1	0.0	40.3

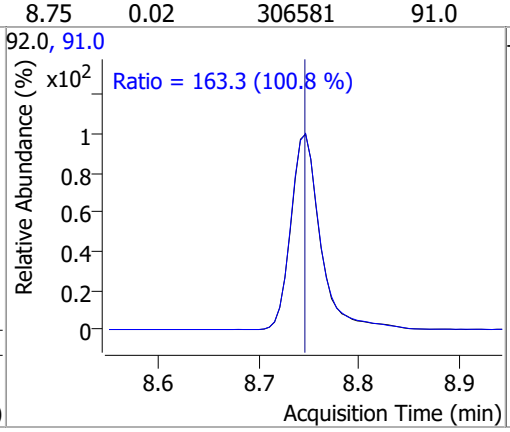


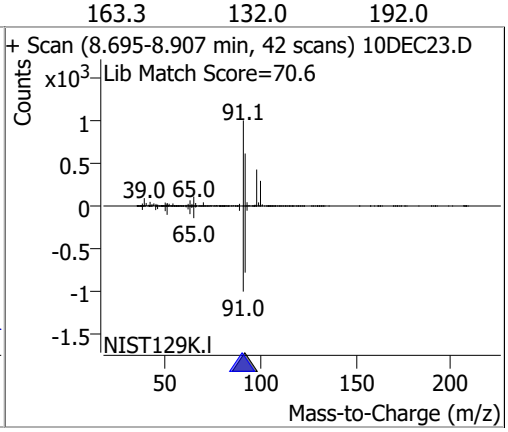




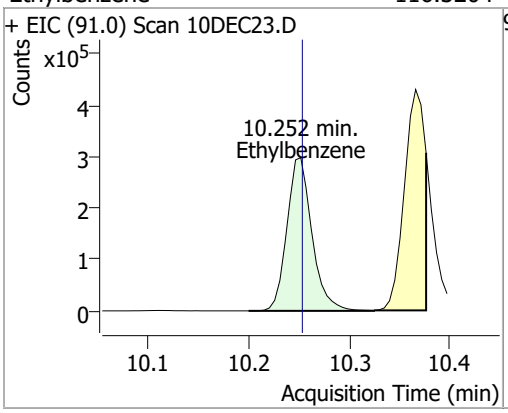
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	114.9023	8.75	0.02	306581	91.0	163.3	132.0	192.0

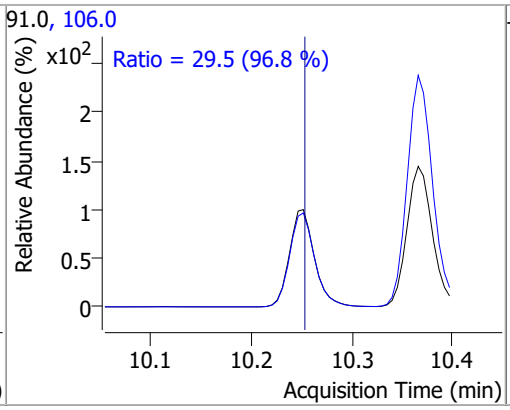


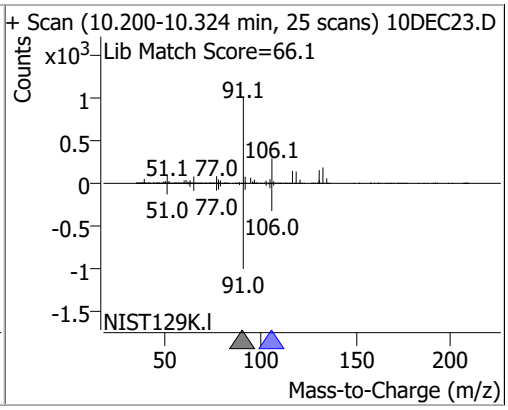




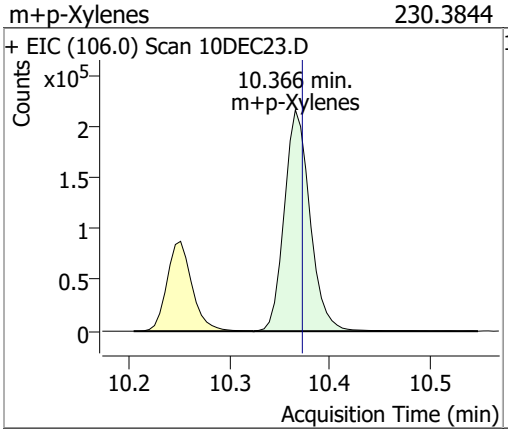
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	116.3204	10.25	0.02	513476	106.0	29.5	0.4	60.4

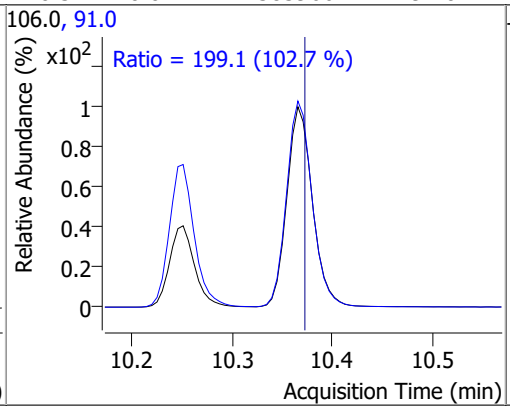


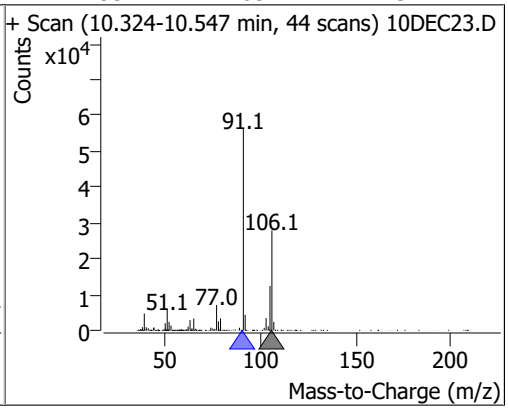




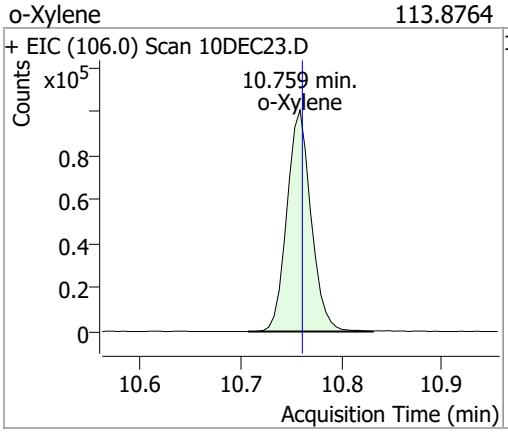
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	230.3844	10.37	0.01	383966	91.0	199.1	163.7	223.7

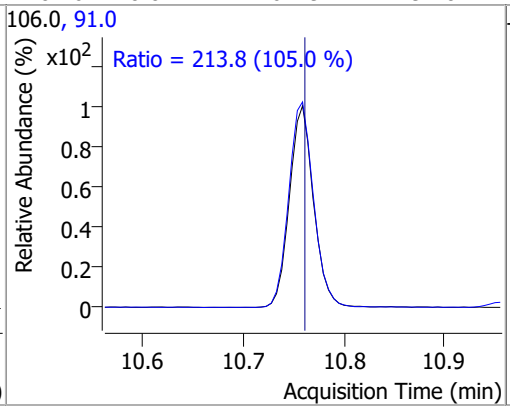


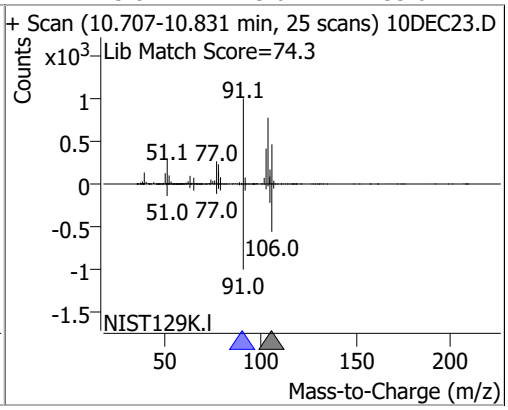




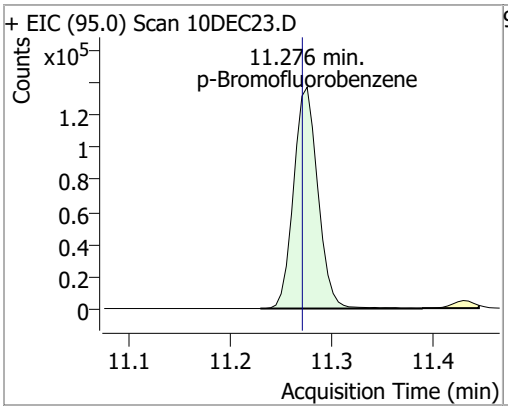
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	113.8764	10.76	0.02	167791	91.0	213.8	173.6	233.6

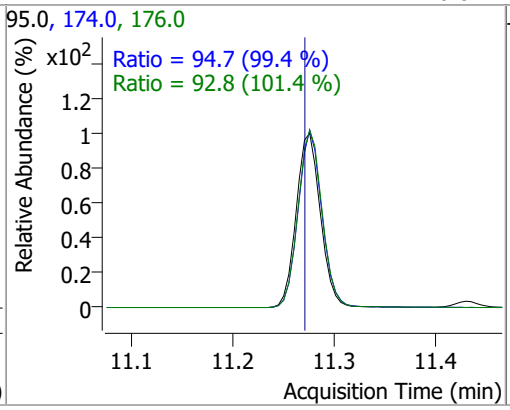


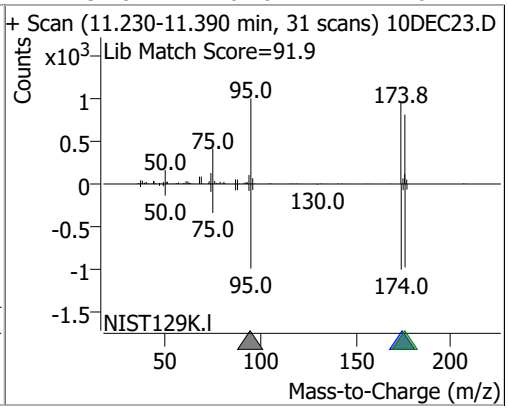




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	248.0459	11.28	0.02	231121	174.0	94.7	65.3	125.3
					176.0	92.8	61.6	121.6







Audit Trail report

Batch name and path: D:\Org\Data\SV5972.I\SB121021_BTEX_L4\QuantResults\SB121021_8260B_624pt1_BTEX_L4.batch.bin
Quant batch version: 10.0
Quant reporting version: 10.0

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdNewBatchTable	BL2000\steve	12/10/2021 11:25:28 AM	Create new batch D:\Org\Data\SV5972.I\SB121021\SB121021_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/10/2021 11:25:41 AM	Add samples from worklist: D:\Org\Data\SV5972.I\SB121021\10DEC03.D, D:\Org\Data\SV5972.I\SB121021\10DEC02.D, D:\Org\Data\SV5972.I\SB121021\10DEC01.D			✓	
CmdSetSampleAttribute	BL2000\steve	12/10/2021 11:26:32 AM	Set SampleType = CC for sample 10DEC02.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/10/2021 11:26:44 AM	Set LevelName = CC for sample 10DEC03.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/10/2021 11:26:50 AM	Set SampleType = CC for sample 10DEC03.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/10/2021 11:26:53 AM	Set SampleType = TuneCheck for sample 10DEC02.D; previous value = CC			✓	
CmdStartMethodEditing	BL2000\steve	12/10/2021 11:28:34 AM	Start method editing			✓	
CmdImportMethodFromBatch	BL2000\steve	12/10/2021 11:28:36 AM	Import method from batch D:\Org\Data\SV5972.I\SB120921\SB120921_8260B_624pt1.batch.bin			✓	
CmdApplyMethodToAllSamples	BL2000\steve	12/10/2021 11:28:43 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\steve	12/10/2021 11:28:43 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\steve	12/10/2021 11:28:43 AM	End method editing			✓	
CmdQuantitate	BL2000\steve	12/10/2021 11:28:48 AM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/10/2021 11:29:34 AM	Manually integrate qualifier127.0 of compound Naphthalene in sample 10DEC03.D from x, y = 14.535, 0 to 14.618, 0; result = 1460			✓	
CmdSaveBatchTable	BL2000\steve	12/10/2021 11:30:20 AM	Save batch D:\Org\Data\SV5972.I\SB121021\QuantResults\SB121021_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/10/2021 11:30:32 AM	Save batch D:\Org\Data\SV5972.I\SB121021\QuantResults\SB121021_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/10/2021 11:45:04 AM	Add samples from worklist: D:\Org\Data\SV5972.I\SB121021\10DEC04.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
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CmdSetSampleAttribute	BL2000\steve	12/10/2021 11:45:23 AM	Set LevelName = QC for sample 10DEC04.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/10/2021 11:45:32 AM	Set SampleInformation = LCSA for sample 10DEC04.D; previous value =			✓	
CmdQuantitate	BL2000\steve	12/10/2021 11:45:40 AM	Quantitate all compounds in all samples			✓	
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CmdQuantitate	BL2000\steve	12/10/2021 11:46:25 AM	Quantitate all compounds in all samples			✓	
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CmdImportSamplesFromWorklist	BL2000\steve	12/10/2021 1:37:30 PM	Add samples from worklist: D:\Org\Data\SV5972.I\SB121021\10DEC09.D, D:\Org\Data\SV5972.I\SB121021\10DEC08.D, D:\Org\Data\SV5972.I\SB121021\10DEC07.D, D:\Org\Data\SV5972.I\SB121021\10DEC06.D, D:\Org\Data\SV5972.I\SB121021\10DEC05.D			✓	
CmdQuantitate	BL2000\steve	12/10/2021 1:37:57 PM	Quantitate all compounds in all samples			✓	
CmdZeroOutPeak	BL2000\steve	12/10/2021 1:38:21 PM	Zero out primary peak of compound Chloroethane in sample 10DEC06.D			✓	
CmdZeroOutPeak	BL2000\steve	12/10/2021 1:38:25 PM	Zero out primary peak of compound Bromomethane in sample 10DEC06.D			✓	
CmdZeroOutPeak	BL2000\steve	12/10/2021 1:38:42 PM	Zero out primary peak of compound Bromomethane in sample 10DEC07.D			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/10/2021 1:38:53 PM	Manually integrate qualifier58.0 of compound Acetone in sample 10DEC07.D from x, y = 3.196, 0 to 3.325, 0; result = 1587			✓	
CmdZeroOutPeak	BL2000\steve	12/10/2021 1:39:18 PM	Zero out primary peak of compound Bromomethane in sample 10DEC08.D			✓	
CmdZeroOutPeak	BL2000\steve	12/10/2021 1:39:22 PM	Zero out primary peak of compound Chloroethane in sample 10DEC08.D			✓	
CmdZeroOutPeak	BL2000\steve	12/10/2021 1:39:26 PM	Zero out primary peak of compound Acetone in sample 10DEC08.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\steve	12/10/2021 1:39:36 PM	Zero out primary peak of compound Ethylbenzene in sample 10DEC08.D			✓	
CmdZeroOutPeak	BL2000\steve	12/10/2021 1:39:56 PM	Zero out primary peak of compound Toluene in sample 10DEC08.D			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/10/2021 1:40:50 PM	Manually integrate qualifier77.0 of compound Benzene in sample 10DEC09.D from x, y = 6.663, 0 to 6.761, 0; result = 1516			✓	
CmdZeroOutPeak	BL2000\steve	12/10/2021 1:41:09 PM	Zero out primary peak of compound Ethylbenzene in sample 10DEC09.D			✓	
CmdZeroOutPeak	BL2000\steve	12/10/2021 1:41:28 PM	Zero out primary peak of compound m+p-Xylenes in sample 10DEC09.D			✓	
CmdSaveBatchTable	BL2000\steve	12/10/2021 1:41:39 PM	Save batch D:\Org\Data\SV5972.I\SB121021\QuantResults\SB121021_8260B_624pt1.batch.bin			✓	
CmdStartMethodEditing	BL2000\steve	12/10/2021 1:41:48 PM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\steve	12/10/2021 1:41:48 PM	Import method from sample 10DEC09.D			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\steve	12/10/2021 1:42:32 PM	Set CompoundGroup = A CAL,TAS,BTEX for compound Methyl tert-butyl ether (MTBE); previous value = A CAL,TAS			✓	
CmdApplyMethodToAllSamples	BL2000\steve	12/10/2021 1:42:42 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\steve	12/10/2021 1:42:42 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\steve	12/10/2021 1:42:43 PM	End method editing			✓	
CmdQuantitate	BL2000\steve	12/10/2021 1:42:54 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/10/2021 1:43:42 PM	Save batch D:\Org\Data\SV5972.I\SB121021\QuantResults\SB121021_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/10/2021 2:27:16 PM	Add samples from worklist: D:\Org\Data\SV5972.I\SB121021\10DEC11.D, D:\Org\Data\SV5972.I\SB121021\10DEC10.D			✓	
CmdQuantitate	BL2000\steve	12/10/2021 2:27:35 PM	Quantitate all compounds in all samples			✓	
CmdZeroOutPeak	BL2000\steve	12/10/2021 2:27:49 PM	Zero out primary peak of compound Ethylbenzene in sample 10DEC10.D			✓	
CmdZeroOutPeak	BL2000\steve	12/10/2021 2:28:10 PM	Zero out primary peak of compound Ethylbenzene in sample 10DEC11.D			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/10/2021 2:28:21 PM	Manually integrate compound Naphthalene in sample 10DEC11.D from x, y = 14.541, 0 to 14.603, 0; result = 973			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/10/2021 2:28:28 PM	Manually integrate qualifier127.0 of compound Naphthalene in sample 10DEC11.D from x, y = 14.546, 0 to 14.598, 0; result = 52			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/10/2021 2:28:38 PM	Manually integrate qualifier127.0 of compound Naphthalene in sample 10DEC10.D from x, y = 14.527, 0 to 14.620, 0; result = 1713			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/10/2021 2:29:43 PM	Manually integrate compound Naphthalene in sample 10DEC05.D from x, y = 14.540, 0 to 14.602, 0; result = 750			✓	
CmdZeroOutPeak	BL2000\steve	12/10/2021 2:29:48 PM	Zero out primary peak of compound Naphthalene in sample 10DEC05.D			✓	
CmdSaveBatchTable	BL2000\steve	12/10/2021 2:51:26 PM	Save batch D:\Org\Data\SV5972.I\SB121021\QuantResults\SB121021_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/10/2021 3:00:46 PM	Save batch D:\Org\Data\SV5972.I\SB121021\QuantResults\SB121021_8260B_624pt1.batch.bin			✓	
CmdOpenBatchTable	BL2000\steve	12/10/2021 3:24:34 PM	Open batch D:\Org\Data\SV5972.I\SB121021\SB121021_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/10/2021 3:24:57 PM	Add samples from worklist: D:\Org\Data\SV5972.I\SB121021\10DEC12.D			✓	
CmdSetSampleAttribute	BL2000\steve	12/10/2021 3:25:09 PM	Set Dilution = 10 for sample 10DEC12.D; previous value = 1			✓	
CmdQuantitate	BL2000\steve	12/10/2021 3:25:31 PM	Quantitate all compounds in all samples			✓	
CmdZeroOutPeak	BL2000\steve	12/10/2021 3:25:52 PM	Zero out primary peak of compound Chloromethane in sample 10DEC12.D			✓	
CmdZeroOutPeak	BL2000\steve	12/10/2021 3:25:56 PM	Zero out primary peak of compound Chloroethane in sample 10DEC12.D			✓	
CmdZeroOutPeak	BL2000\steve	12/10/2021 3:26:06 PM	Zero out primary peak of compound Acrolein in sample 10DEC12.D			✓	
CmdZeroOutPeak	BL2000\steve	12/10/2021 3:26:10 PM	Zero out primary peak of compound Acetone in sample 10DEC12.D			✓	
CmdZeroOutPeak	BL2000\steve	12/10/2021 3:26:16 PM	Zero out primary peak of compound Methylene chloride in sample 10DEC12.D			✓	
CmdZeroOutPeak	BL2000\steve	12/10/2021 3:26:19 PM	Zero out primary peak of compound Acrylonitrile in sample 10DEC12.D			✓	
CmdZeroOutPeak	BL2000\steve	12/10/2021 3:26:25 PM	Zero out primary peak of compound 2,2-Dichloropropane in sample 10DEC12.D			✓	
CmdZeroOutPeak	BL2000\steve	12/10/2021 3:26:30 PM	Zero out primary peak of compound cis-1,2-Dichloroethene in sample 10DEC12.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\steve	12/10/2021 3:26:55 PM	Zero out primary peak of compound 1,2-Dichloroethane in sample 10DEC12.D			✓	
CmdZeroOutPeak	BL2000\steve	12/10/2021 3:27:03 PM	Zero out primary peak of compound 2-Hexanone in sample 10DEC12.D			✓	
CmdZeroOutPeak	BL2000\steve	12/10/2021 3:27:14 PM	Zero out primary peak of compound Isopropylbenzene in sample 10DEC12.D			✓	
CmdZeroOutPeak	BL2000\steve	12/10/2021 3:27:21 PM	Zero out primary peak of compound n-Propylbenzene in sample 10DEC12.D			✓	
CmdZeroOutPeak	BL2000\steve	12/10/2021 3:27:24 PM	Zero out primary peak of compound 4-Chlorotoluene in sample 10DEC12.D			✓	
CmdZeroOutPeak	BL2000\steve	12/10/2021 3:27:31 PM	Zero out primary peak of compound sec-Butylbenzene in sample 10DEC12.D			✓	
CmdZeroOutPeak	BL2000\steve	12/10/2021 3:27:36 PM	Zero out primary peak of compound p-Isopropyltoluene in sample 10DEC12.D			✓	
CmdZeroOutPeak	BL2000\steve	12/10/2021 3:27:42 PM	Zero out primary peak of compound n-Butylbenzene in sample 10DEC12.D			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/10/2021 3:27:47 PM	Manually integrate qualifier127.0 of compound Naphthalene in sample 10DEC12.D from x, y = 14.529, 0 to 14.622, 0; result = 1643			✓	
CmdSaveBatchTable	BL2000\steve	12/10/2021 3:29:18 PM	Save batch D:\Org\Data\SV5972.I\SB121021\QuantResults\SB121021_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/10/2021 3:41:27 PM	Add samples from worklist: D:\Org\Data\SV5972.I\SB121021\10DEC13.D			✓	
CmdSetSampleAttribute	BL2000\steve	12/10/2021 3:41:36 PM	Set Dilution = 10 for sample 10DEC13.D; previous value = 1			✓	
CmdQuantitate	BL2000\steve	12/10/2021 3:41:51 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/10/2021 3:42:13 PM	Manually integrate qualifier127.0 of compound Naphthalene in sample 10DEC13.D from x, y = 14.541, 0 to 14.603, 0; result = 1748			✓	
CmdSaveBatchTable	BL2000\steve	12/10/2021 3:42:22 PM	Save batch D:\Org\Data\SV5972.I\SB121021\QuantResults\SB121021_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/10/2021 4:00:16 PM	Save batch D:\Org\Data\SV5972.I\SB121021\QuantResults\SB121021_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/10/2021 4:12:47 PM	Save batch D:\Org\Data\SV5972.I\SB121021\QuantResults\SB121021_8260B_624pt1.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportSamplesFromWorklist	BL2000\steve	12/10/2021 4:49:37 PM	Add samples from worklist: D:\Org\Data\SV5972.I\SB121021\10DEC15.D, D:\Org\Data\SV5972.I\SB121021\10DEC14.D			✓	
CmdSetSampleAttribute	BL2000\steve	12/10/2021 4:49:52 PM	Set Dilution = 100 for sample 10DEC15.D; previous value = 1			✓	
CmdQuantitate	BL2000\steve	12/10/2021 4:50:09 PM	Quantitate all compounds in all samples			✓	
CmdZeroOutPeak	BL2000\steve	12/10/2021 4:50:54 PM	Zero out primary peak of compound m+p-Xylenes in sample 10DEC15.D			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/10/2021 4:51:04 PM	Manually integrate compound Naphthalene in sample 10DEC15.D from x, y = 14.529, 0 to 14.612, 0; result = 1367			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/10/2021 4:51:09 PM	Manually integrate qualifier127.0 of compound Naphthalene in sample 10DEC15.D from x, y = 14.545, 0 to 14.586, 0; result = 115			✓	
CmdSaveBatchTable	BL2000\steve	12/10/2021 4:51:15 PM	Save batch D:\Org\Data\SV5972.I\SB121021\QuantResults\SB121021_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/10/2021 4:51:22 PM	Save batch D:\Org\Data\SV5972.I\SB121021\QuantResults\SB121021_8260B_624pt1.batch.bin			✓	
CmdOpenBatchTable	BL2000\steve	12/13/2021 8:47:49 AM	Open batch D:\Org\Data\SV5972.I\SB121021\SB121021_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/13/2021 9:07:16 AM	Add samples from worklist: D:\Org\Data\SV5972.I\SB121021\10DEC26.D, D:\Org\Data\SV5972.I\SB121021\10DEC25.D, D:\Org\Data\SV5972.I\SB121021\10DEC24.D, D:\Org\Data\SV5972.I\SB121021\10DEC23.D, D:\Org\Data\SV5972.I\SB121021\10DEC22.D, D:\Org\Data\SV5972.I\SB121021\10DEC21.D, D:\Org\Data\SV5972.I\SB121021\10DEC20.D, D:\Org\Data\SV5972.I\SB121021\10DEC19.D, D:\Org\Data\SV5972.I\SB121021\10DEC18.D, D:\Org\Data\SV5972.I\SB121021\10DEC17.D, D:\Org\Data\SV5972.I\SB121021\10DEC16.D			✓	
CmdSetSampleAttribute	BL2000\steve	12/13/2021 9:07:47 AM	Set Dilution = 100 for sample 10DEC16.D; previous value = 1			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\steve	12/13/2021 9:07:53 AM	Set Dilution = 500 for sample 10DEC17.D; previous value = 1			✓	
CmdSetSampleAttribute	BL2000\steve	12/13/2021 9:08:08 AM	Set SampleType = Matrix for sample 10DEC20.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/13/2021 9:08:16 AM	Set SampleType = MatrixDup for sample 10DEC21.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/13/2021 9:08:34 AM	Set SampleInformation = MatrixA for sample 10DEC20.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/13/2021 9:08:42 AM	Set SampleInformation = MatrixA for sample 10DEC21.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/13/2021 9:08:50 AM	Set MatrixSpikeGroup = 3 for sample 10DEC21.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/13/2021 9:08:54 AM	Set MatrixSpikeGroup = 3 for sample 10DEC20.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/13/2021 9:08:57 AM	Set MatrixSpikeGroup = 3 for sample 10DEC19.D; previous value =			✓	
CmdQuantitate	BL2000\steve	12/13/2021 9:09:48 AM	Quantitate all compounds in all samples			✓	
CmdZeroOutPeak	BL2000\steve	12/13/2021 9:10:25 AM	Zero out primary peak of compound Chloromethane in sample 10DEC15.D			✓	
CmdZeroOutPeak	BL2000\steve	12/13/2021 9:10:34 AM	Zero out primary peak of compound 1,2-Dichloroethane in sample 10DEC15.D			✓	
CmdZeroOutPeak	BL2000\steve	12/13/2021 9:10:55 AM	Zero out primary peak of compound n-Propylbenzene in sample 10DEC15.D			✓	
CmdZeroOutPeak	BL2000\steve	12/13/2021 9:10:58 AM	Zero out primary peak of compound 1,3,5-Trimethylbenzene in sample 10DEC15.D			✓	
CmdZeroOutPeak	BL2000\steve	12/13/2021 9:11:01 AM	Zero out primary peak of compound 1,2,4-Trimethylbenzene in sample 10DEC15.D			✓	
CmdZeroOutPeak	BL2000\steve	12/13/2021 9:11:04 AM	Zero out primary peak of compound sec-Butylbenzene in sample 10DEC15.D			✓	
CmdZeroOutPeak	BL2000\steve	12/13/2021 9:11:27 AM	Zero out primary peak of compound Chloromethane in sample 10DEC16.D			✓	
CmdZeroOutPeak	BL2000\steve	12/13/2021 9:11:35 AM	Zero out primary peak of compound 1,2-Dichloroethane in sample 10DEC16.D			✓	
CmdZeroOutPeak	BL2000\steve	12/13/2021 9:11:52 AM	Zero out primary peak of compound m+p-Xylenes in sample 10DEC16.D			✓	
CmdZeroOutPeak	BL2000\steve	12/13/2021 9:11:57 AM	Zero out primary peak of compound 1,3,5-Trimethylbenzene in sample 10DEC16.D			✓	
CmdZeroOutPeak	BL2000\steve	12/13/2021 9:12:03 AM	Zero out primary peak of compound 1,2,4-Trimethylbenzene in sample 10DEC16.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\steve	12/13/2021 9:12:05 AM	Zero out primary peak of compound sec-Butylbenzene in sample 10DEC16.D			✓	
CmdZeroOutPeak	BL2000\steve	12/13/2021 9:14:50 AM	Zero out primary peak of compound Benzene in sample 10DEC19.D			✓	
CmdZeroOutPeak	BL2000\steve	12/13/2021 9:15:05 AM	Zero out primary peak of compound Acetone in sample 10DEC19.D			✓	
CmdZeroOutPeak	BL2000\steve	12/13/2021 9:15:16 AM	Zero out primary peak of compound 1,1,1-Trichloroethane in sample 10DEC19.D			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/13/2021 9:16:42 AM	Manually integrate qualifier127.0 of compound Naphthalene in sample 10DEC20.D from x, y = 14.520, 0 to 14.634, 0; result = 1313			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/13/2021 9:16:53 AM	Manually integrate qualifier145.0 of compound 1,2,4-Trichlorobenzene in sample 10DEC20.D from x, y = 14.292, 0 to 14.396, 0; result = 1967			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/13/2021 9:17:12 AM	Manually integrate qualifier127.0 of compound Naphthalene in sample 10DEC21.D from x, y = 14.530, 0 to 14.613, 0; result = 1528			✓	
CmdQuantitate	BL2000\steve	12/13/2021 9:17:43 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/13/2021 9:17:57 AM	Save batch D:\Org\Data\SV5972.I\SB121021\QuantResults\SB121021_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/13/2021 9:18:23 AM	Save batch D:\Org\Data\SV5972.I\SB121021\QuantResults\SB121021_8260B_624pt1.batch.bin			✓	
CmdSetSampleAttribute	BL2000\steve	12/13/2021 9:18:55 AM	Set SampleType = CC for sample 10DEC23.D; previous value = Sample			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/13/2021 9:19:04 AM	Manually integrate qualifier127.0 of compound Naphthalene in sample 10DEC23.D from x, y = 14.535, 0 to 14.608, 0; result = 1329			✓	
CmdQuantitate	BL2000\steve	12/13/2021 9:19:58 AM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\steve	12/13/2021 9:20:24 AM	Set LevelName = CC for sample 10DEC23.D; previous value =			✓	
CmdQuantitate	BL2000\steve	12/13/2021 9:21:08 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/13/2021 9:22:01 AM	Save batch D:\Org\Data\SV5972.I\SB121021\QuantResults\SB121021_8260B_624pt1.batch.bin			✓	
CmdOpenBatchTable	BL2000\steve	12/13/2021 10:22:55 AM	Open batch D:\Org\Data\SV5972.I\SB121021\SB121021_8260B_624pt1.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSaveBatchTable	BL2000\steve	12/13/2021 10:36:14 AM	Save batch D:\Org\Data\SV5972.I\SB121021\QuantResults\SB121021_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/13/2021 11:16:20 AM	Save batch D:\Org\Data\SV5972.I\SB121021\QuantResults\SB121021_8260B_624pt1.batch.bin			✓	
CmdOpenBatchTable	BL2000\steve	12/13/2021 1:19:02 PM	Open batch D:\Org\Data\SV5972.I\SB121021\SB121021_8260B_624pt1.batch.bin			✓	
CmdZeroOutPeak	BL2000\steve	12/13/2021 1:20:04 PM	Zero out primary peak of compound Benzene in sample 10DEC09.D			✓	
CmdZeroOutPeak	BL2000\steve	12/13/2021 1:21:00 PM	Zero out primary peak of compound Benzene in sample 10DEC11.D			✓	
CmdZeroOutPeak	BL2000\steve	12/13/2021 1:21:16 PM	Zero out primary peak of compound o-Xylene in sample 10DEC12.D			✓	
CmdZeroOutPeak	BL2000\steve	12/13/2021 1:27:40 PM	Zero out primary peak of compound o-Xylene in sample 10DEC13.D			✓	
CmdSaveBatchTable	BL2000\steve	12/13/2021 1:27:52 PM	Save batch D:\Org\Data\SV5972.I\SB121021\QuantResults\SB121021_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/13/2021 2:22:18 PM	Save batch D:\Org\Data\SV5972.I\SB121021\QuantResults\SB121021_8260B_624pt1.batch.bin			✓	
CmdOpenBatchTable	BL2000\steve	12/13/2021 2:41:26 PM	Open batch D:\Org\Data\SV5972.I\SB121021_BTEX_L4\SB121021_8260B_624pt1_BTEX_L4.batch.bin			✓	
CmdStartMethodEditing	BL2000\steve	12/13/2021 2:41:55 PM	Start method editing			✓	
CmdImportMethodFromFile	BL2000\steve	12/13/2021 2:41:56 PM	Import method from file \\MASSHUNTER\Org\Data\Methods\Quant\SV5972\SV5972_120321_CAL\SV5972_8260B_624pt1_BTEX_L4_120321.m			✓	
CmdApplyMethodToAllSamples	BL2000\steve	12/13/2021 2:42:10 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\steve	12/13/2021 2:42:10 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\steve	12/13/2021 2:42:10 PM	End method editing			✓	
CmdQuantitate	BL2000\steve	12/13/2021 2:42:15 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/13/2021 2:43:07 PM	Save batch D:\Org\Data\SV5972.I\SB121021_BTEX_L4\QuantResults\SB121021_8260B_624pt1_BTEX_L4.batch.bin			✓	
CmdSetSampleAttribute	BL2000\steve	12/13/2021 2:53:50 PM	Set SampleType = Blank for sample 10DEC06.D; previous value = Sample			✓	
CmdQuantitate	BL2000\steve	12/13/2021 2:53:55 PM	Quantitate all compounds in all samples			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSaveBatchTable	BL2000\steve	12/13/2021 2:54:08 PM	Save batch D:\Org\Data\SV5972.I\SB121021_BTEX_L4\QuantResults\SB121021_8260B_624pt1_BTEX_L4.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/13/2021 3:04:40 PM	Save batch D:\Org\Data\SV5972.I\SB121021_BTEX_L4\QuantResults\SB121021_8260B_624pt1_BTEX_L4.batch.bin			✓	
CmdQuantitate	BL2000\steve	12/13/2021 3:04:50 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/13/2021 3:04:53 PM	Save batch D:\Org\Data\SV5972.I\SB121021_BTEX_L4\QuantResults\SB121021_8260B_624pt1_BTEX_L4.batch.bin			✓	
CmdQuantitate	BL2000\steve	12/13/2021 3:13:01 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/13/2021 3:13:06 PM	Save batch D:\Org\Data\SV5972.I\SB121021_BTEX_L4\QuantResults\SB121021_8260B_624pt1_BTEX_L4.batch.bin			✓	
GenerateReport	BL2000\steve	12/13/2021 3:14:19 PM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\SampleSequence\CC_mid_rpt.m, Output Path: D:\Org\Data\SV5972.I\SB121021_BTEX_L4\QuantReports\SB121021_8260B_624pt1_BTEX_L4			✓	
CmdCalibrate	BL2000\steve	12/13/2021 3:15:02 PM	Replace level CC with CC sample 10DEC03.D for compounds {o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, Toluene-d8, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, Dibromofluoromethane, p-Bromofluorobenzene};			✓	
CmdQuantitate	BL2000\steve	12/13/2021 3:15:13 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/13/2021 3:15:17 PM	Save batch D:\Org\Data\SV5972.I\SB121021_BTEX_L4\QuantResults\SB121021_8260B_624pt1_BTEX_L4.batch.bin			✓	
GenerateReport	BL2000\steve	12/13/2021 3:16:04 PM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\SampleSequence\CC_mid_rpt.m, Output Path: D:\Org\Data\SV5972.I\SB121021_BTEX_L4\QuantReports\SB121021_8260B_624pt1_BTEX_L4-1			✓	
CmdSetSampleAttribute	BL2000\steve	12/13/2021 3:16:33 PM	Set SampleApproved = True for sample 10DEC02.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/13/2021 3:16:35 PM	Set SampleApproved = True for sample 10DEC03.D; previous value = False			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\steve	12/13/2021 3:16:37 PM	Set SampleApproved = True for sample 10DEC04.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/13/2021 3:16:40 PM	Set SampleApproved = True for sample 10DEC05.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/13/2021 3:16:41 PM	Set SampleApproved = False for sample 10DEC05.D; previous value = True			✓	
CmdSetSampleAttribute	BL2000\steve	12/13/2021 3:16:43 PM	Set SampleApproved = True for sample 10DEC06.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/13/2021 3:17:03 PM	Set SampleApproved = True for sample 10DEC19.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/13/2021 3:17:05 PM	Set SampleApproved = True for sample 10DEC20.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/13/2021 3:17:07 PM	Set SampleApproved = True for sample 10DEC21.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/13/2021 3:17:10 PM	Set SampleApproved = True for sample 10DEC23.D; previous value = False			✓	
CmdSaveBatchTable	BL2000\steve	12/13/2021 3:17:19 PM	Save batch D:\Org\Data\SV5972.I\SB121021_BTEX_L4\QuantResults\SB121021_8260B_624pt1_BTEX_L4.batch.bin			✓	
CmdCalibrate	BL2000\steve	12/13/2021 3:19:29 PM	Replace level CC with CC sample 10DEC23.D for compounds {o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, Toluene-d8, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, Dibromofluoromethane, p-Bromofluorobenzene};			✓	
CmdQuantitate	BL2000\steve	12/13/2021 3:20:15 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/13/2021 3:20:19 PM	Save batch D:\Org\Data\SV5972.I\SB121021_BTEX_L4\QuantResults\SB121021_8260B_624pt1_BTEX_L4.batch.bin			✓	
GenerateReport	BL2000\steve	12/13/2021 3:21:01 PM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\SampleSequence\CC_mid_rpt.m, Output Path: D:\Org\Data\SV5972.I\SB121021_BTEX_L4\QuantReports\SB121021_8260B_624pt1_BTEX_L4-2			✓	

Energy Laboratories Inc

Standard LOG

Standard ID:	VOCF3463		
Standard Name	Internals	Type:	Secondary
Date Prepared	9/3/2021	BY:	Jerran D. Brenden
Date Expires:	12/31/2021		
Department	gcmsvoa	Status:	New
Vendor:			
Lot Number:			
Balance ID:			

Comments: Final Concentration 0.05 ug/uL.

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap EA899	13926	49	mL	2/12/

Final Volume: 50 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0357	Internals	ug/mL	1 mL

Analytes	**CAS**	Conc:	**ug/uL**
1,4-Dichlorobenzene-d4	3855-82-1		0.05
Chlorobenzene-d5	3114-55-1		0.05
Fluorobenzene	462-06-6		0.05

Energy Laboratories Inc

Standard LOG

Standard ID:	VOCF0357		
Standard Name	Internals	Type:	Primary
Date Prepared	12/8/2020	BY:	Jerran D. Brenden
Date Expires:	12/31/2021		
Department	gcmsvoa	Status:	New
Vendor:	Agilent		
Lot Number:	CS-5422		
Balance ID:			

Comments: Date Prepared is same as Date Received. 2,500 ug/mL in MeOH. Catalog # STM-520-1.

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Internal Standard	12421	1	mL	12/31

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0357	Internals	ug/mL	

Analytes	**CAS**	Conc:	**ug/mL**
1,4-Dichlorobenzene-d4	3855-82-1		2500
Chlorobenzene-d5	3114-55-1		2500
Fluorobenzene	462-06-6		2500

JP

Agilent

Certificate of Analysis
ISO Guide 34

Internal Standard

Product Number: STM-520 **Page:** 1 of 1

Lot Number: CS-5422 **Lot Issue Date:** 09-Nov-2018 **Expiration Date:** 31-Dec-2021

This ISO Guide 34 Reference Material (RM) was manufactured and verified in accordance with Agilent's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
chlorobenzene-d5	003114-55-4	RM12274	2501 ± 13 µg/mL
1,4-dichlorobenzene-d4	003855-82-1	RM12517	2501 ± 13 µg/mL
fluorobenzene	000462-06-6	RM13378	2512 ± 13 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store Frozen (-25° to -10°C).

Agilent uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

Monica Bourgeois
QMS Representative

ID #: 12421
Opened:
Internal Standard
Expires: 12/31/2021
Rec'd: 2/19/2020
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER
ISO Guide 34 Cert No. AR-1936

Produced in accordance with TUV USA Inc 56 100 18560026 registered ISO 9001 Quality Managment System

ANAB ACCREDITED TESTING LABORATORY
ISO17025 Cert No. AT-1937

Energy Laboratories Inc

Standard LOG

Standard ID:	VOCF3518		
Standard Name	Calibration Surrogates	Type:	Secondary
Date Prepared	11/10/2021	BY:	Alethea M. Shaules
Date Expires:	12/31/2022		
Department	gcmsvoa	Status:	New
Vendor:			
Lot Number:			
Balance ID:			

Comments: Final Concentration 0.2 ug/uL in MeOH

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap EB199	14400	4.5	mL	3/20/

Final Volume: 5 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0426	Surrogates 2.0 mg/mL	ug/mL	0.5 mL

	Analytes	**CAS**	Conc:	**ug/uL**
S	1,2-Dichloroethane-d4	17060-07-0		0.2
S	Dibromofluoromethane	1868-53-7		0.2
S	p-Bromofluorobenzene	460-00-4		0.2
S	Toluene-d8	2037-26-5		0.2

Energy Laboratories Inc

Spike LOG

Standard ID:	VOCF0426		
Standard Name	Surrogates 2.0 mg/mL	Type:	Primary
Date Prepared	9/14/2021	BY:	Jerran D. Brenden
Date Expires:	4/18/2029		
Department	gcmsvoa	Status:	New
Vendor:	AccuStandard		
Lot Number:	219041458		
Balance ID:			

Comments: Date Received 01/04/2021. 2.0 mg/mL. Catalog # M-8260A-B-SS-10X

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Surrogate Standard Mix	14269	1	mL	4/18/

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0426	Surrogates 2.0 mg/mL	ug/mL	

	Analytes	**CAS**	Conc:	**ug/mL**
S	1,2-Dichloroethane-d4	17060-07-0		2000
S	Dibromofluoromethane	1868-53-7		2000
S	p-Bromofluorobenzene	460-00-4		2000
S	Toluene-d8	2037-26-5		2000

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USA

AccuStandard®

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Fax (203)786-5287
www.AccuStandard.com

CERTIFICATE OF ANALYSIS

Catalog No: M-8260A-B-SS-10X
Description: Surrogate Standard Mix
Lot: 219041458
Solvent: Methanol
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: Apr 18, 2019
Expiration: Apr 18, 2029
Sample Size: 1 mL
Components: 4
Storage Condition: Ambient (>5 °C)

Certified Reference Material

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463
ANAB ACCREDITED TESTING LABORATORY AT-1339
ilac-MRA

Component	CAS #	Purity % (GC/MS)	Prepared Concentration[2] (µg/mL)	Certified Analyte Concentration[1] (µg/mL)
p-Bromofluorobenzene	460-00-4	99.9	2004	2002
Dibromofluoromethane	1868-53-7	99.8	2005	2001
1,2-Dichloroethane-d4	17060-07-0	100.0	2001	2001
Toluene-d8	2037-26-5	100.0	2000	2000

ID #: 14269
Opened:_____
Surrogate Standard Mix
Expires: 4/18/2029
Rec'd: 9/14/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

[2] All weights are traceable through NIST, Test No. 684/289871-17

[1] Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: _____
Larry Decker, Organic QC Manager

For use in routine laboratory analysis.

Energy Laboratories Inc

Standard LOG

Standard ID: VOCF3497B
Standard Name Liquids
Date Prepared 10/11/2021
Date Expires: 12/11/2021
Department GCMSVOA
Vendor:
Lot Number:
Balance ID:

Type: Secondary
BY: Steve Dilts
Status: New

Comments: 1.0 ml/10 ml final volume. Final Concentration 0.2 ug/uL. Corrected comment and analyte list 11/9/2021 sbd

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap EA899	13926	9	mL	2/12/

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0313	Liquids	ug/mL	1 mL

Analytes	**CAS**	Conc:	**ug/uL**
1,1,1,2-Tetrachloroethane	630-20-6		0.2
1,1,1-Trichloroethane	71-55-6		0.2
1,1,2,2-Tetrachloroethane	79-34-5		0.2
1,1,2-Trichloroethane	79-00-5		0.2
1,1-Dichloroethane	75-34-3		0.2
1,1-Dichloroethene	75-35-4		0.2
1,1-Dichloropropene	563-58-6		0.2
1,2,3-Trichlorobenzene	87-61-6		0.2
1,2,3-Trichloropropane	96-18-4		0.2
1,2,4-Trichlorobenzene	120-82-1		0.2
1,2,4-Trimethylbenzene	95-63-6		0.2
1,2-Dibromo-3-chloropropane	96-12-8		0.2
1,2-Dibromoethane	106-93-4		0.2
1,2-Dichlorobenzene	95-50-1		0.2
1,2-Dichloroethane	107-06-2		0.2
1,2-Dichloropropane	78-87-5		0.2
1,3,5-Trimethylbenzene	108-67-8		0.2
1,3-Dichlorobenzene	541-73-1		0.2
1,3-Dichloropropane	142-28-9		0.2
1,4-Dichlorobenzene	106-46-7		0.2
2,2-Dichloropropane	594-20-7		0.2
2-Chlorotoluene	95-49-8		0.2
4-Chlorotoluene	406-43-4		0.2
Benzene	71-43-2		0.2
Bromobenzene	108-86-1		0.2
Bromochloromethane	74-97-5		0.2
Bromodichloromethane	75-27-4		0.2
Bromoform	75-25-2		0.2
Carbon Tetrachloride	56-23-5		0.2
Chlorobenzene	10-90-7		0.2
Chloroform	67-66-3		0.2

Energy Laboratories Inc

Standard LOG

Standard ID:	VOCF3497B		
Standard Name	Liquids	Type:	Secondary
Date Prepared	10/11/2021	BY:	Steve Dilts
Date Expires:	12/11/2021		
Department	GCMSVOA	Status:	New
Vendor:			
Lot Number:			
Balance ID:			

Comments: 1.0 ml/10 ml final volume. Final Concentration 0.2 ug/uL. Corrected comment and analyte list 11/9/2021 sbd

cis-1,2-Dichloroethene	156-59-2	0.2
cis-1,3-Dichloropropene	10061-01-5	0.2
Dibromocholormethane	124-48-1	0.2
Dibromomethane	74-95-3	0.2
Dichloromethane	75-09-2	0.2
Ethylbenzene	100-41-4	0.2
Hexachlorobutadiene	87-68-6	0.2
Isopropylbenzene	98-82-8	0.2
m-Xylene	108-38-3	0.2
n-Butylbenzene	104-51-8	0.2
n-Propylbenzene	103-65-1	0.2
Naphthalene	91-20-3	0.2
o-Xylene	95-47-6	0.2
p-Isopropyltoluene	99-87-6	0.2
p-Xylene	106-42-3	0.2
sec-Butylbenzene	135-98-8	0.2
Styrene	100-42-5	0.2
tert-Butylbenzene	98-06-6	0.2
Tetrachloroethene	127-18-4	0.2
Toluene	108-88-3	0.2
trans-1,2-Dichloroethene	156-60-5	0.2
trans-1,3-Dichloropropene	10061-02-6	0.2
Trichloroethene	79-01-6	0.2

Energy Laboratories Inc

Standard LOG

Standard ID:	VOCF0313		
Standard Name	Liquids	Type:	Primary
Date Prepared	6/23/2020	BY:	Alethea M. Shaules
Date Expires:	4/13/2023		
Department	gcmsvoa	Status:	New
Vendor:	AccuStd		
Lot Number:	220041126		
Balance ID:			

Comments: Date Prepared is same as Date Received. 2,000 ug/mL. Catalog # M502A-R-10X. Corrected lot number to match CI. MSC 01/14/2022

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Volatile Organic Compounds - Liquids	12797	1	mL	4/13/

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0313	Liquids	ug/mL	

Analytes	**CAS**	Conc:	**ug/mL**
1,1,1,2-Tetrachloroethane	630-20-6		2000
1,1,1-Trichloroethane	71-55-6		2000
1,1,2,2-Tetrachloroethane	79-34-5		2000
1,1,2-Trichloroethane	79-00-5		2000
1,1-Dichloroethane	75-34-3		2000
1,1-Dichloroethene	75-35-4		2000
1,1-Dichloropropene	563-58-6		2000
1,2,3-Trichlorobenzene	87-61-6		2000
1,2,3-Trichloropropane	96-18-4		2000
1,2,4-Trichlorobenzene	120-82-1		2000
1,2,4-Trimethylbenzene	95-63-6		2000
1,2-Dibromo-3-chloropropane	96-12-8		2000
1,2-Dibromoethane	106-93-4		2000
1,2-Dichlorobenzene	95-50-1		2000
1,2-Dichloroethane	107-06-2		2000
1,2-Dichloropropane	78-87-5		2000
1,3,5-Trimethylbenzene	108-67-8		2000
1,3-Dichlorobenzene	541-73-1		2000
1,3-Dichloropropane	142-28-9		2000
1,4-Dichlorobenzene	106-46-7		2000
2,2-Dichloropropane	594-20-7		2000
2-Chlorotoluene	95-49-8		2000
4-Chlorotoluene	406-43-4		2000
Benzene	71-43-2		2000
Bromobenzene	108-86-1		2000
Bromochloromethane	74-97-5		2000
Bromodichloromethane	75-27-4		2000
Bromoform	75-25-2		2000
Carbon Tetrachloride	56-23-5		2000
Chlorobenzene	10-90-7		2000
Chloroform	67-66-3		2000

Energy Laboratories Inc

Standard LOG

Standard ID:	VOCF0313		
Standard Name	Liquids	Type:	Primary
Date Prepared	6/23/2020	BY:	Alethea M. Shaules
Date Expires:	4/13/2023		
Department	gcmsvoa	Status:	New
Vendor:	AccuStd		
Lot Number:	220041126		
Balance ID:			

Comments: Date Prepared is same as Date Received. 2,000 ug/mL. Catalog # M502A-R-10X. Corrected lot number to match CI. MSC 01/14/2022

cis-1,2-Dichloroethene	156-59-2	2000
cis-1,3-Dichloropropene	10061-01-5	2000
Dibromocholormethane	124-48-1	2000
Dibromomethane	74-95-3	2000
Dichloromethane	75-09-2	2000
Ethylbenzene	100-41-4	2000
Hexachlorobutadiene	87-68-6	2000
Isopropylbenzene	98-82-8	2000
m-Xylene	108-38-3	2000
n-Butylbenzene	104-51-8	2000
n-Propylbenzene	103-65-1	2000
Naphthalene	91-20-3	2000
o-Xylene	95-47-6	2000
p-Isopropyltoluene	99-87-6	2000
p-Xylene	106-42-3	2000
sec-Butylbenzene	135-98-8	2000
Styrene	100-42-5	2000
tert-Butylbenzene	98-06-6	2000
Tetrachloroethene	127-18-4	2000
Toluene	108-88-3	2000
trans-1,2-Dichloroethene	156-60-5	2000
trans-1,3-Dichloropropene	10061-02-6	2000
Trichloroethene	79-01-6	2000

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CERTIFICATE OF ANALYSIS

Catalog No: M-502A-R-10X
Description: Volatile Organic Compounds - Liquids
Lot: 220041126
Solvent: Methanol
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: Apr 13, 2020
Expiration: Apr 13, 2023
Sample Size: 1 mL
Components: 54
Storage Condition: Refrig (0-5 °C)

Certified Reference Material

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463
ANAB ACCREDITED TESTING LABORATORY AT-1339
ilac-MRA

Component	CAS #	Purity % (GC/MS)	Prepared Concentration² (µg/mL)	Certified Analyte Concentration¹ (µg/mL)
Benzene	71-43-2	100.0	2002	2002
Bromobenzene	108-86-1	100.0	2003	2003
Bromochloromethane	74-97-5	99.1	2001	1983
Bromodichloromethane	75-27-4	99.0	2002	1982
Bromoform	75-25-2	99.2	2001	1985
n-Butylbenzene	104-51-8	100.0	2002	2002
sec-Butylbenzene	135-98-8	100.0	2001	2001
tert-Butylbenzene	98-06-6	99.0	2003	1983
Carbon tetrachloride	56-23-5	100.0	2003	2003
Chlorobenzene	108-90-7	99.6	2001	1993
Chloroform	67-66-3	99.2	2004	1988
2-Chlorotoluene	95-49-8	99.0	2003	1983
4-Chlorotoluene	106-43-4	99.8	2002	1998
Dibromochloromethane	124-48-1	97.8	2049*	2004
1,2-Dibromo-3-chloropropane	96-12-8	99.2	2001	1985
1,2-Dibromoethane	106-93-4	100.0	2006	2006
Dibromomethane	74-95-3	99.0	2002	1982
1,2-Dichlorobenzene	95-50-1	98.2	2003	1967
1,3-Dichlorobenzene	541-73-1	100.0	2000	2000
1,4-Dichlorobenzene	106-46-7	100.0	2002	2002
1,1-Dichloroethane	75-34-3	98.6	2001	1973
1,2-Dichloroethane	107-06-2	99.8	2010	2006
1,1-Dichloroethene	75-35-4	99.0	2000	1980
cis-1,2-Dichloroethene	156-59-2	99.0	2002	1982
trans-1,2-Dichloroethene	156-60-5	99.5	2001	1991
1,2-Dichloropropane	78-87-5	99.5	2003	1993
1,3-Dichloropropane	142-28-9	96.7	2073*	2005
2,2-Dichloropropane	594-20-7	99.9	2012	2010
1,1-Dichloropropene	563-58-6	98.9	2001	1979
cis-1,3-Dichloropropene **	10061-01-5	93.9	2041*	1916
trans-1,3-Dichloropropene **	10061-02-6	93.9	1968*	1848
Ethylbenzene	100-41-4	99.7	2000	1994
Hexachlorobutadiene	87-68-3	98.0	2003	1963
Isopropylbenzene	98-82-8	100.0	2002	2002
p-Isopropyltoluene	99-87-6	99.4	2000	1988
Methylene chloride	75-09-2	99.9	2001	1999
Naphthalene	91-20-3	100.0	2002	2002
n-Propylbenzene	103-65-1	100.0	2001	2001
Styrene	100-42-5	100.0	2003	2003
1,1,1,2-Tetrachloroethane	630-20-6	98.9	2005	1983
1,1,2,2-Tetrachloroethane	79-34-5	96.0	2087*	2004
Tetrachloroethene	127-18-4	99.4	2017	2005
Toluene	108-88-3	100.0	2001	2001
1,2,3-Trichlorobenzene	87-61-6	100.0	2002	2002

For use in routine laboratory analysis.

AccuStandard is accredited to ISO 17034, ISO/IEC 17025 and certified to ISO 9001:2015

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USA

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CERTIFICATE OF ANALYSIS

Catalog No: M-502A-R-10X
Description: Volatile Organic Compounds - Liquids
Lot: 220041126
Solvent: Methanol

Date Certified: Apr 13, 2020
Expiration: Apr 13, 2023
Sample Size: 1 mL
Components: 54

Component - *continued*	CAS #	Purity % (GC/MS)	Prepared Concentration[2] (µg/mL)	Certified Analyte Concentration[1] (µg/mL)
1,2,4-Trichlorobenzene	120-82-1	99.6	2001	1993
1,1,1-Trichloroethane	71-55-6	100.0	2002	2002
1,1,2-Trichloroethane	79-00-5	98.6	2000	1972
Trichloroethene	79-01-6	100.0	2003	2003
1,2,3-Trichloropropane	96-18-4	97.5	2055*	2004
1,2,4-Trimethylbenzene	95-63-6	98.2	2001	1965
1,3,5-Trimethylbenzene	108-67-8	98.8	2001	1977
o-Xylene	95-47-6	99.0	2000	1980
m-Xylene	108-38-3	99.2	2002	1986
p-Xylene	106-42-3	95.4	2097*	2001

* Weight compensated to 100% purity.

** 47.8% cis isomer, 46.1% trans isomer

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

[2] All weights are traceable through NIST, Test No. 684/289871-17

[1] Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

Certified By: Larry Decker, Organic QC Manager

ID #: 12797
Opened:_____
Volatile Organic Compounds - Liquids
Expires: 4/13/2023
Rec'd: 6/23/2020
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

For use in routine laboratory analysis.

AccuStandard is accredited to ISO 17034, ISO/IEC 17025 and certified to ISO 9001:2015

QR-ORG/INO-001
Rev. 5/18

Energy Laboratories Inc

Spike LOG

Standard ID:	VOCF3517		
Standard Name	Internal Standard / Surrogates (INT/SURR)	Type:	Secondary
Date Prepared	11/10/2021	BY:	Alethea M. Shaules
Date Expires:	12/31/2022		
Department	gcmsvoa	Status:	New
Vendor:			
Lot Number:			
Balance ID:			

Comments: Final Concentration 0.05 ug/uL in MeOH.

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap - EB199-US	14334	95.5	mL	3/20/
0			mL	

Final Volume: 100 mL

Stock Source		Base Units	Amount Added
VOCF0425	Internals	ug/mL	2 mL
VOCF0426	Surrogates 2.0 mg/mL	ug/mL	2.5 mL

	Analytes	CAS	Conc: ug/uL
S	1,2-Dichloroethane-d4	17060-07-0	0.05
	1,4-Dichlorobenzene-d4	3855-82-1	0.05
	Chlorobenzene-d5	3114-55-1	0.05
S	Dibromofluoromethane	1868-53-7	0.05
	Fluorobenzene	462-06-6	0.05
S	p-Bromofluorobenzene	460-00-4	0.05
S	Toluene-d8	2037-26-5	0.05

Energy Laboratories Inc

Standard LOG

Standard ID:	VOCF0425		
Standard Name	Internals	Type:	Primary
Date Prepared	9/8/2021	BY:	Jerran D. Brenden
Date Expires:	12/31/2022		
Department	gcmsvoa	Status:	New
Vendor:	Agilent		
Lot Number:	0006582580		
Balance ID:			

Comments: Date Prepared is same as Date Received. 2,500 ug/mL in MeOH. Catalog # STM-520-1.

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Internal Standard	14251	1	mL	12/31

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0425	Internals	ug/mL	

Analytes	**CAS**	Conc:	**ug/mL**
1,4-Dichlorobenzene-d4	3855-82-1		2500
Chlorobenzene-d5	3114-55-1		2500
Fluorobenzene	462-06-6		2500

Energy Laboratories Inc

Spike LOG

Standard ID:	VOCF0426		
Standard Name	Surrogates 2.0 mg/mL	Type:	Primary
Date Prepared	9/14/2021	BY:	Jerran D. Brenden
Date Expires:	4/18/2029		
Department	gcmsvoa	Status:	New
Vendor:	AccuStandard		
Lot Number:	219041458		
Balance ID:			

Comments: Date Received 01/04/2021. 2.0 mg/mL. Catalog # M-8260A-B-SS-10X

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Surrogate Standard Mix	14269	1	mL	4/18/

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0426	Surrogates 2.0 mg/mL	ug/mL	

	Analytes	**CAS**	Conc:	**ug/mL**
S	1,2-Dichloroethane-d4	17060-07-0		2000
S	Dibromofluoromethane	1868-53-7		2000
S	p-Bromofluorobenzene	460-00-4		2000
S	Toluene-d8	2037-26-5		2000

ID #: 14251
Opened:
Internal Standard
Expires: 12/31/2022
Rec'd: 9/8/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

Agilent

Certificate of Analysis

Product Name: Internal Standard

Product Number: STM-520-1

Lot Number: 0006582580

Lot Issue Date: 05-Jan-2021

Expiration Date: 31-Dec-2022

Description:
This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
chlorobenzene-d5	003114-55-4	RM12274	2501 ± 13 µg/mL
1,4-dichlorobenzene-d4	003855-82-1	RM12517	2501 ± 13 µg/mL
fluorobenzene	000462-06-6	RM13378	2512 ± 13 µg/mL

Matrix: methanol (methyl alcohol)

Storage Conditions: Store Frozen (-25° to -10°C).

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 1 of 2

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CSD-QA-015.1

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO 17025 Cert No. AT-1937

Agilent

Certificate of Analysis

Product Number: STM-520-1 **Lot Number:** 0006582580

Expiration of Certification:
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

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ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO 17025 Cert
No. AT-1937

125 Market Street
New Haven, CT 06513
USA

AccuStandard®

Tel (203)786-5290
Fax (203)786-5287
www.AccuStandard.com

CERTIFICATE OF ANALYSIS

Catalog No: M-8260A-B-SS-10X
Description: Surrogate Standard Mix
Lot: 219041458
Solvent: Methanol
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: Apr 18, 2019
Expiration: Apr 18, 2029
Sample Size: 1 mL
Components: 4
Storage Condition: Ambient (>5 °C)

Certified Reference Material

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463
ANAB ACCREDITED TESTING LABORATORY AT-1339
ilac-MRA

Component	CAS #	Purity % (GC/MS)	Prepared Concentration[2] (µg/mL)	Certified Analyte Concentration[1] (µg/mL)
p-Bromofluorobenzene	460-00-4	99.9	2004	2002
Dibromofluoromethane	1868-53-7	99.8	2005	2001
1,2-Dichloroethane-d4	17060-07-0	100.0	2001	2001
Toluene-d8	2037-26-5	100.0	2000	2000

ID #: 14269
Opened:_____
Surrogate Standard Mix
Expires: 4/18/2029
Rec'd: 9/14/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

[2] All weights are traceable through NIST, Test No. 684/289871-17

[1] Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: _____
Larry Decker, Organic QC Manager

For use in routine laboratory analysis.

Energy Laboratories Inc

Spike LOG

Standard ID: VOCF3505B
Standard Name 2nd Source Liquids
Date Prepared 10/23/2021
Date Expires: 12/23/2021
Department gcmsvoa
Vendor:
Lot Number:
Balance ID:

Type: Secondary
BY: Melissa Chavez
Status: New

Comments: Final Concentration 0.2ug/uL.

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap - EB199-US	14334	9	mL	3/20/

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0352	2nd Source Liquids	ug/mL	1 mL

Analytes	**CAS**	Conc:	**ug/mL**
1,1,1,2-Tetrachloroethane	630-20-6		0.2
1,1,1-Trichloroethane	71-55-6		0.2
1,1,2,2-Tetrachloroethane	79-34-5		0.2
1,1,2-Trichloroethane	79-00-5		0.2
1,1-Dichloroethane	75-34-3		0.2
1,1-Dichloroethene	75-35-4		0.2
1,1-Dichloropropene	563-58-6		0.2
1,2,3-Trichlorobenzene	87-61-6		0.2
1,2,3-Trichloropropane	96-18-4		0.2
1,2,4-Trichlorobenzene	120-82-1		0.2
1,2,4-Trimethylbenzene	95-63-6		0.2
1,2-Dibromo-3-chloropropane	96-12-8		0.2
1,2-Dibromoethane	106-93-4		0.2
1,2-Dichlorobenzene	95-50-1		0.2
1,2-Dichloroethane	107-06-2		0.2
1,2-Dichloropropane	78-87-5		0.2
1,3,5-Trimethylbenzene	108-67-8		0.2
1,3-Dichlorobenzene	541-73-1		0.2
1,3-Dichloropropane	142-28-9		0.2
1,4-Dichlorobenzene	106-46-7		0.2
2,2-Dichloropropane	594-20-7		0.2
2-Chlorotoluene	95-49-8		0.2
4-Chlorotoluene	406-43-4		0.2
Benzene	71-43-2		0.2
Bromobenzene	108-86-1		0.2
Bromochloromethane	74-97-5		0.2
Bromodichloromethane	75-27-4		0.2
Bromoform	75-25-2		0.2
Carbon Tetrachloride	56-23-5		0.2
Chlorobenzene	10-90-7		0.2
Chloroform	67-66-3		0.2

Energy Laboratories Inc

Spike LOG

Standard ID:	VOCF3505B		
Standard Name	2nd Source Liquids	Type:	Secondary
Date Prepared	10/23/2021	BY:	Melissa Chavez
Date Expires:	12/23/2021		
Department	gcmsvoa	Status:	New
Vendor:			
Lot Number:			
Balance ID:			
Comments:	Final Concentration 0.2ug/uL.		

cis-1,2-Dichloroethene	156-59-2	0.2
cis-1,3-Dichloropropene	10061-01-5	0.2
Dibromocholormethane	124-48-1	0.2
Dibromomethane	74-95-3	0.2
Dichloromethane	75-09-2	0.2
Ethylbenzene	100-41-4	0.2
Hexachlorobutadiene	87-68-6	0.2
Isopropylbenzene	98-82-8	0.2
m-Xylene	108-38-3	0.2
n-Butylbenzene	104-51-8	0.2
n-Propylbenzene	103-65-1	0.2
Naphthalene	91-20-3	0.2
o-Xylene	95-47-6	0.2
p-Isopropyltoluene	99-87-6	0.2
p-Xylene	106-42-3	0.2
sec-Butylbenzene	135-98-8	0.2
Styrene	100-42-5	0.2
tert-Butylbenzene	98-06-6	0.2
Tetrachloroethene	127-18-4	0.2
Toluene	108-88-3	0.2
trans-1,2-Dichloroethene	156-60-5	0.2
trans-1,3-Dichloropropene	10061-02-6	0.2
Trichloroethene	79-01-6	0.2
Vinyl Acetate	108-05-4	0

Energy Laboratories Inc

Spike LOG

Standard ID:	VOCF0352		
Standard Name	2nd Source Liquids	Type:	Primary
Date Prepared	11/23/2020	BY:	Steve Dilts
Date Expires:	12/31/2023		
Department	gcmsvoa	Status:	New
Vendor:	Agilent		
Lot Number:	0006570990		
Balance ID:			

Comments: Date Prepared is same as Date Received. 2000 ug/mL in MeOH. Catalog # DWM-589N-1.

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
VOC Standard	13292	1	mL	12/31

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0352	2nd Source Liquids	ug/mL	

Analytes	**CAS**	Conc:	**ug/mL**
1,1,1,2-Tetrachloroethane	630-20-6		2000
1,1,1-Trichloroethane	71-55-6		2000
1,1,2,2-Tetrachloroethane	79-34-5		2000
1,1,2-Trichloroethane	79-00-5		2000
1,1-Dichloroethane	75-34-3		2000
1,1-Dichloroethene	75-35-4		2000
1,1-Dichloropropene	563-58-6		2000
1,2,3-Trichlorobenzene	87-61-6		2000
1,2,3-Trichloropropane	96-18-4		2000
1,2,4-Trichlorobenzene	120-82-1		2000
1,2,4-Trimethylbenzene	95-63-6		2000
1,2-Dibromo-3-chloropropane	96-12-8		2000
1,2-Dibromoethane	106-93-4		2000
1,2-Dichlorobenzene	95-50-1		2000
1,2-Dichloroethane	107-06-2		2000
1,2-Dichloropropane	78-87-5		2000
1,3,5-Trimethylbenzene	108-67-8		2000
1,3-Dichlorobenzene	541-73-1		2000
1,3-Dichloropropane	142-28-9		2000
1,4-Dichlorobenzene	106-46-7		2000
2,2-Dichloropropane	594-20-7		2000
2-Chlorotoluene	95-49-8		2000
4-Chlorotoluene	406-43-4		2000
Benzene	71-43-2		2000
Bromobenzene	108-86-1		2000
Bromochloromethane	74-97-5		2000
Bromodichloromethane	75-27-4		2000
Bromoform	75-25-2		2000
Carbon Tetrachloride	56-23-5		2000
Chlorobenzene	10-90-7		2000
Chloroform	67-66-3		2000

Energy Laboratories Inc

Spike LOG

Standard ID:	VOCF0352		
Standard Name	2nd Source Liquids	Type:	Primary
Date Prepared	11/23/2020	BY:	Steve Dilts
Date Expires:	12/31/2023		
Department	gcmsvoa	Status:	New
Vendor:	Agilent		
Lot Number:	0006570990		
Balance ID:			

Comments: Date Prepared is same as Date Received. 2000 ug/mL in MeOH. Catalog # DWM-589N-1.

cis-1,2-Dichloroethene	156-59-2	2000
cis-1,3-Dichloropropene	10061-01-5	2000
Dibromocholormethane	124-48-1	2000
Dibromomethane	74-95-3	2000
Dichloromethane	75-09-2	2000
Ethylbenzene	100-41-4	2000
Hexachlorobutadiene	87-68-6	2000
Isopropylbenzene	98-82-8	2000
m-Xylene	108-38-3	2000
n-Butylbenzene	104-51-8	2000
n-Propylbenzene	103-65-1	2000
Naphthalene	91-20-3	2000
o-Xylene	95-47-6	2000
p-Isopropyltoluene	99-87-6	2000
p-Xylene	106-42-3	2000
sec-Butylbenzene	135-98-8	2000
Styrene	100-42-5	2000
tert-Butylbenzene	98-06-6	2000
Tetrachloroethene	127-18-4	2000
Toluene	108-88-3	2000
trans-1,2-Dichloroethene	156-60-5	2000
trans-1,3-Dichloropropene	10061-02-6	2000
Trichloroethene	79-01-6	2000

Agilent

ID #: 13292
Opened:
VOC Standard
Expires: 12/31/2023
Rec'd: 11/23/2020
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

Certificate of Analysis

Product Name: VOC Standard

Product Number: DWM-589N-1

Lot Number: 0006570990

Lot Issue Date: 17-Nov-2020

Expiration Date: 31-Dec-2023

Description:
This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
bromochloromethane	000074-97-5	RM00009	2010 ± 10 µg/mL
bromodichloromethane	000075-27-4	RM12585	2009 ± 10 µg/mL
bromoform	000075-25-2	RM13987	2010 ± 10 µg/mL
carbon tetrachloride	000056-23-5	RM07576	2010 ± 10 µg/mL
chloroform	000067-66-3	RM13988	2009 ± 10 µg/mL
dibromochloromethane	000124-48-1	RM14843	2009 ± 10 µg/mL
dibromomethane	000074-95-3	RM12878	2009 ± 10 µg/mL
methylene chloride	000075-09-2	RM11650	2009 ± 10 µg/mL
1,2-dibromoethane	000106-93-4	RM00018	2010 ± 10 µg/mL
1,1-dichloroethane	000075-34-3	RM16217	2006 ± 10 µg/mL
1,2-dichloroethane	000107-06-2	RM04655	2005 ± 10 µg/mL
1,1-dichloroethene	000075-35-4	RM14486	2010 ± 10 µg/mL
cis-1,2-dichloroethene	000156-59-2	RM15008	2007 ± 10 µg/mL
trans-1,2-dichloroethene	000156-60-5	RM07565	2008 ± 10 µg/mL
1,1,1,2-tetrachloroethane	000630-20-6	RM12632	2005 ± 10 µg/mL
1,1,2,2-tetrachloroethane	000079-34-5	RM02540	2009 ± 10 µg/mL
tetrachloroethene	000127-18-4	RM06491	2008 ± 10 µg/mL

ANAB ACCREDITED ISO17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
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ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO 17025 Cert No. AT-1937

Certificate of Analysis

Product Number: DWM-589N-1

Lot Number: 0006570990

1,1,1-trichloroethane	000071-55-6	RM16539	2004 ± 10 µg/mL
1,1,2-trichloroethane	000079-00-5	RM01175	2009 ± 10 µg/mL
trichloroethene	000079-01-6	RM14232	2009 ± 10 µg/mL
1,2-dibromo-3-chloropropane	000096-12-8	RM13666	2009 ± 10 µg/mL
1,2-dichloropropane	000078-87-5	RM12821	2008 ± 10 µg/mL
1,3-dichloropropane	000142-28-9	RM02080	2008 ± 10 µg/mL
2,2-dichloropropane	000594-20-7	RM12927	2005 ± 10 µg/mL
1,1-dichloropropene	000563-58-6	RM16190	2010 ± 10 µg/mL
cis-1,3-dichloropropene	010061-01-5	RM12891	2007 ± 10 µg/mL
trans-1,3-dichloropropene	010061-02-6	RM12254	2006 ± 10 µg/mL
hexachlorobutadiene	000087-68-3	RM09157	2005 ± 10 µg/mL
1,2,3-trichloropropane	000096-18-4	RM13082	2004 ± 10 µg/mL
benzene	000071-43-2	RM12931	2009 ± 10 µg/mL
n-butylbenzene	000104-51-8	RM03651	2008 ± 10 µg/mL
sec-butylbenzene	000135-98-8	RM10905	2005 ± 10 µg/mL
tert-butylbenzene	000098-06-6	RM14040	2007 ± 10 µg/mL
ethylbenzene	000100-41-4	RM12195	2006 ± 10 µg/mL
isopropylbenzene	000098-82-8	RM00835	2009 ± 10 µg/mL
4-isopropyltoluene	000099-87-6	RM09747	2009 ± 10 µg/mL
naphthalene	000091-20-3	NT00970	2006 ± 10 µg/mL
n-propylbenzene	000103-65-1	RM12785	2010 ± 10 µg/mL
styrene	000100-42-5	RM13393	2010 ± 10 µg/mL

ANAB ACCREDITED ISO17034 REFERENCE MATERIAL PRODUCER

ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

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ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY

ISO 17025 Cert
No. AT-1937

Agilent

Certificate of Analysis

Product Number: DWM-589N-1

Lot Number: 0006570990

toluene	000108-88-3	RM06650	2008 ± 10 µg/mL
1,2,4-trimethylbenzene	000095-63-6	RM06731	2002 ± 10 µg/mL
1,3,5-trimethylbenzene	000108-67-8	RM12905	2009 ± 10 µg/mL
o-xylene	000095-47-6	RM15639	2005 ± 10 µg/mL
m-xylene	000108-38-3	RM15919	2006 ± 10 µg/mL
p-xylene	000106-42-3	RM02647	2009 ± 10 µg/mL
bromobenzene	000108-86-1	RM10227	2008 ± 10 µg/mL
chlorobenzene	000108-90-7	RM01874	2008 ± 10 µg/mL
2-chlorotoluene	000095-49-8	RM13774	2007 ± 10 µg/mL
4-chlorotoluene	000106-43-4	RM11750	2009 ± 10 µg/mL
1,2-dichlorobenzene	000095-50-1	RM13636	2005 ± 10 µg/mL
1,3-dichlorobenzene	000541-73-1	NT00356	2009 ± 10 µg/mL
1,4-dichlorobenzene	000106-46-7	RM12826	2009 ± 10 µg/mL
1,2,3-trichlorobenzene	000087-61-6	RM10193	2007 ± 10 µg/mL
1,2,4-trichlorobenzene	000120-82-1	RM09454	2009 ± 10 µg/mL

Matrix: methanol (methyl alcohol)

Storage Conditions: Store Frozen (-25° to -10°C).

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

ANAB ACCREDITED ISO17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO 17025 Cert No. AT-1937

Certificate of Analysis

Product Number: DWM-589N-1

Lot Number: 0006570990

Intended Use:
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
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CSD-QA-015.1

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO 17025 Cert
No. AT-1937