Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041525\
Data File : VX045790.D
Acq On : 15 Apr 2025 11:40
Operator : JC/MD
Sample : Q1795-02 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31125

Quant Time: Apr 16 01:38:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	69119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135829	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68889	54.501	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.000%			
35) Dibromofluoromethane	5.379	113	48576	50.405	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.820%			
50) Toluene-d8	8.647	98	169734	50.460	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.920%			
62) 4-Bromofluorobenzene	11.079	95	66394	54.189	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.380%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.983	59	1790	10.537	ug/l #	88
16) Acetone	2.386	43	13730	26.453	ug/l	94
18) Methyl Acetate	2.703	43	5073	4.245	ug/l	97
25) 2-Butanone	4.586	43	2860	3.764	ug/l #	88
52) Toluene	8.720	92	1539	0.640	ug/l	92
68) m/p-Xylenes	10.305	106	1308	0.744	ug/l	76
69) o-Xylene	10.640	106	691	0.399	ug/l	97
70) Styrene	10.659	104	9246	3.235	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	7146	1.933	ug/l #	47
95) Naphthalene	13.774	128	637795	165.328	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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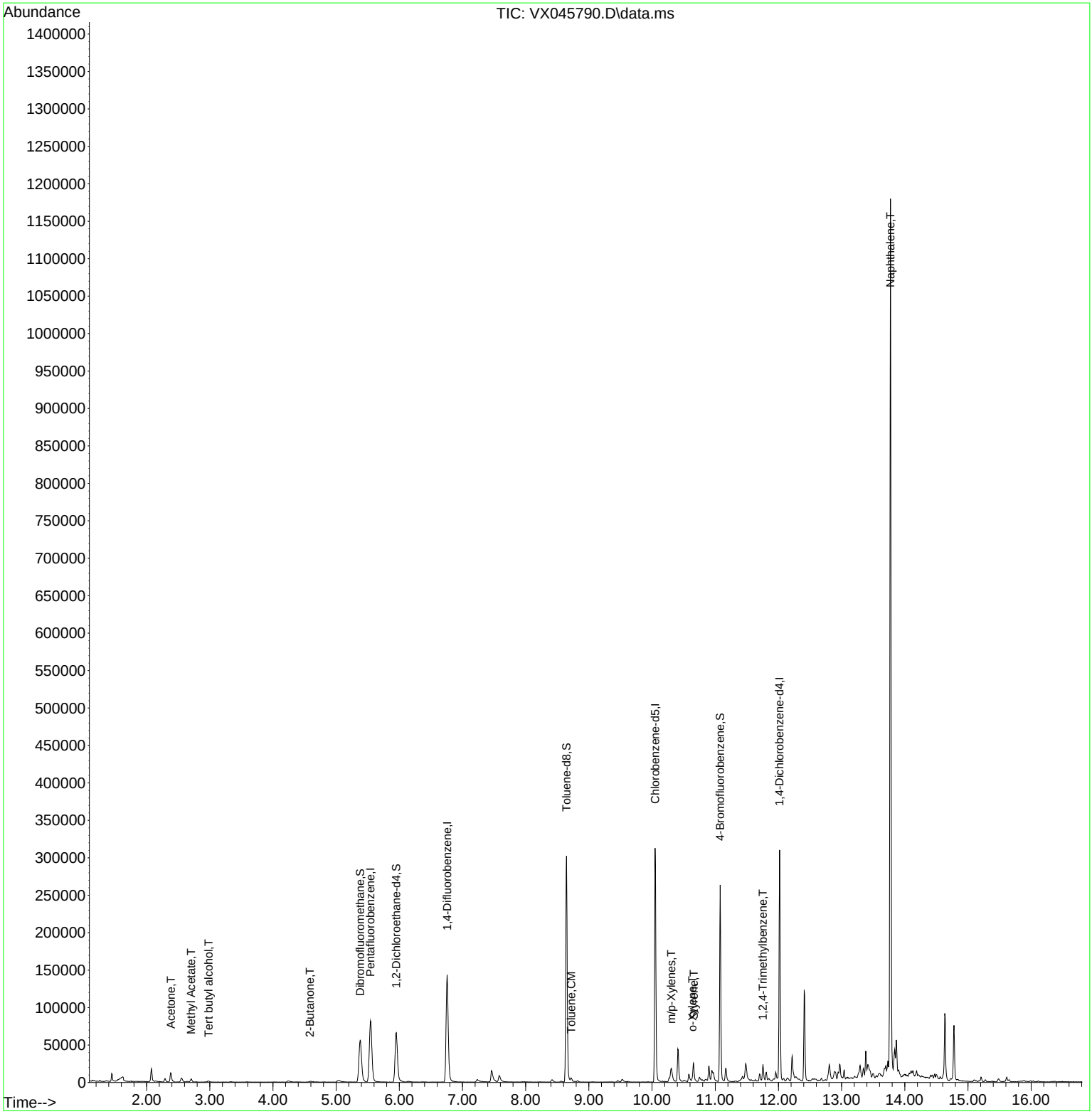
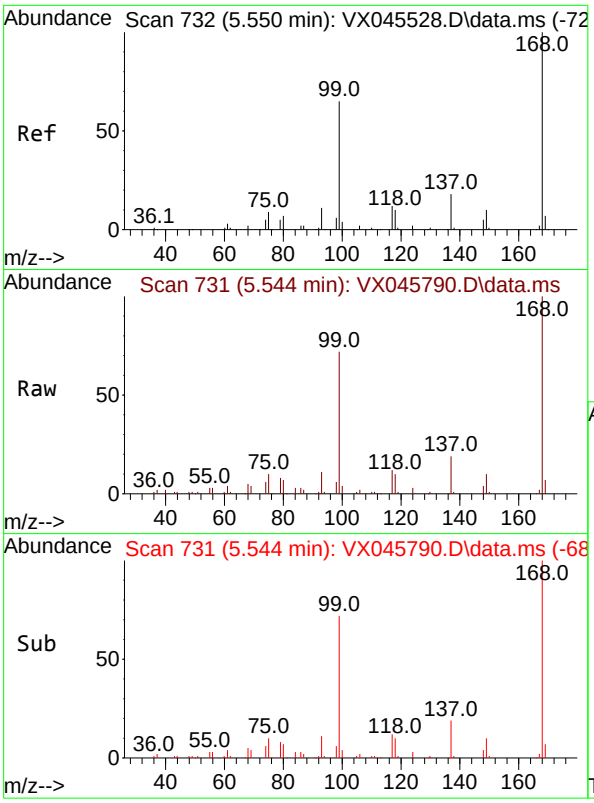


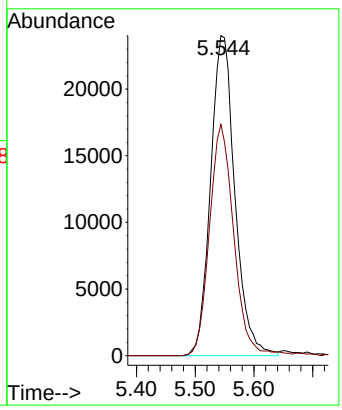


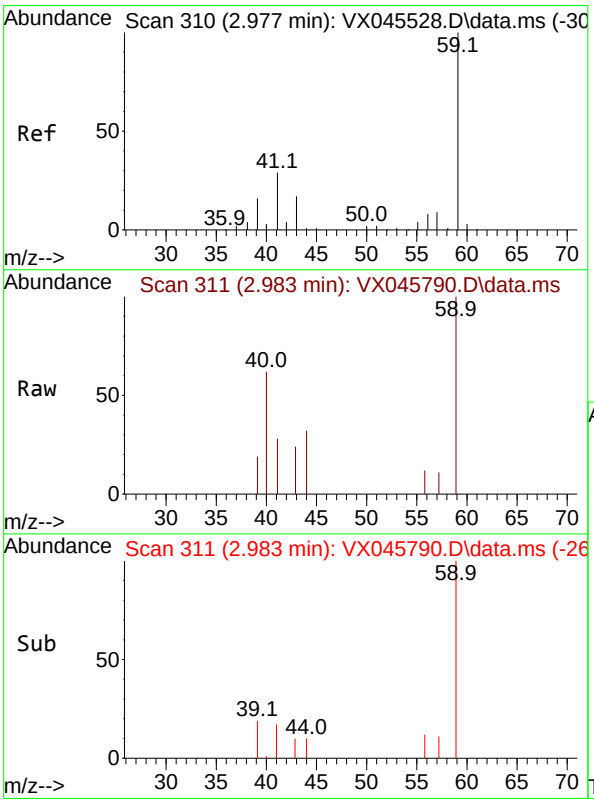
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045790.D
Acq: 15 Apr 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
31125

Tgt Ion:168 Resp: 69119

Ion	Ratio	Lower	Upper
168	100		
99	72.2	52.3	78.5

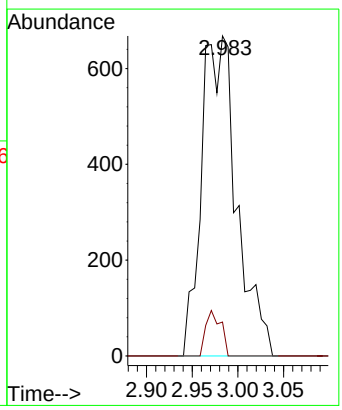


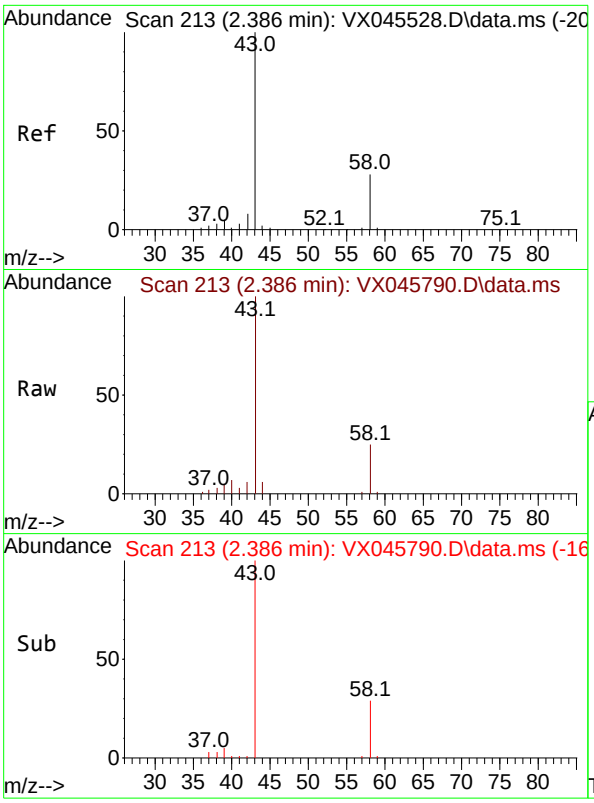


#11
Tert butyl alcohol
Concen: 10.537 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045790.D
Acq: 15 Apr 2025 11:40

Tgt Ion: 59 Resp: 1790

Ion	Ratio	Lower	Upper
59	100		
57	6.1	8.6	12.8#



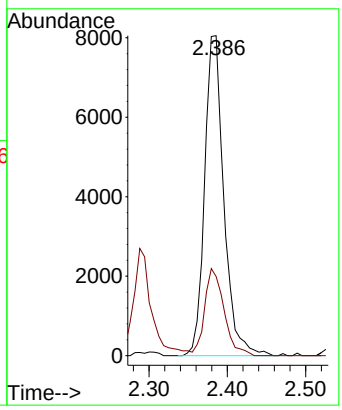


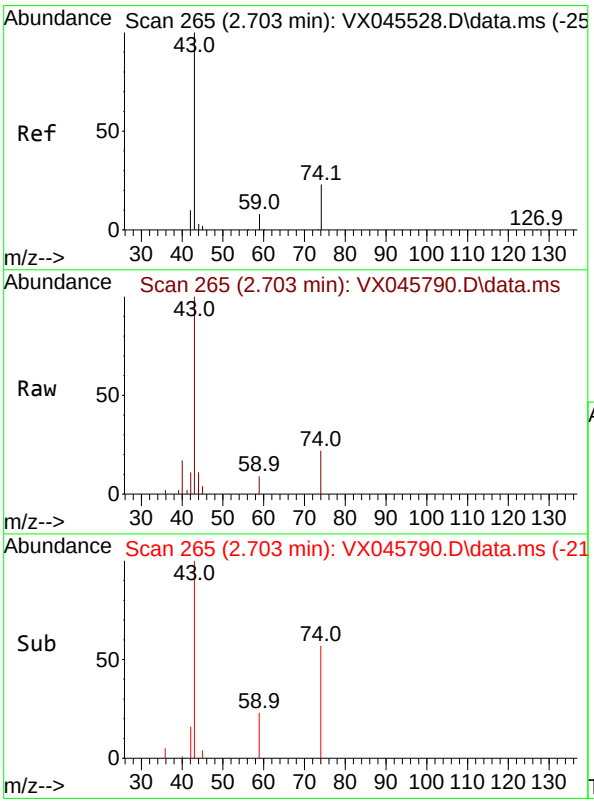
#16
Acetone
Concen: 26.453 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045790.D
Acq: 15 Apr 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
31125

Tgt Ion: 43 Resp: 13730

Ion	Ratio	Lower	Upper
43	100		
58	24.7	22.3	33.5

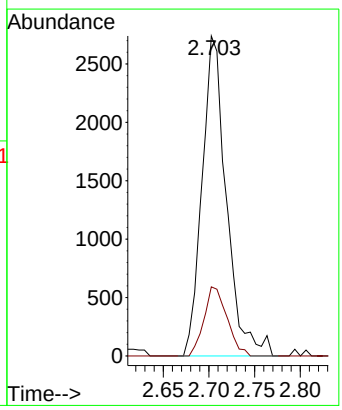


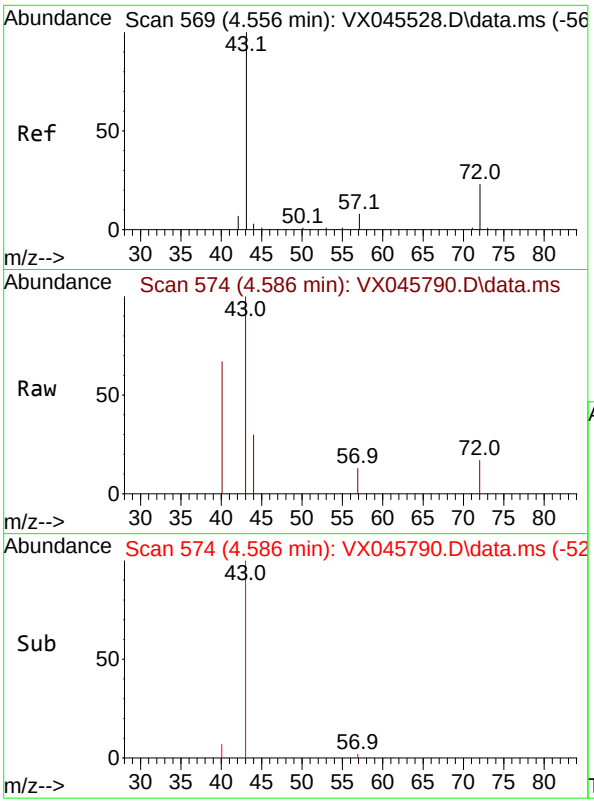


#18
Methyl Acetate
Concen: 4.245 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045790.D
Acq: 15 Apr 2025 11:40

Tgt Ion: 43 Resp: 5073

Ion	Ratio	Lower	Upper
43	100		
74	20.4	17.5	26.3



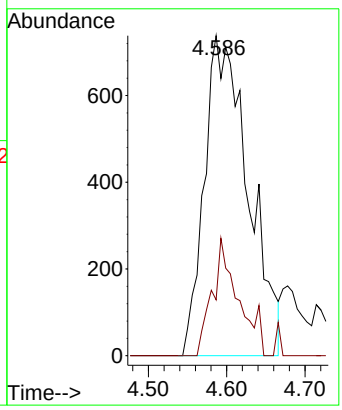


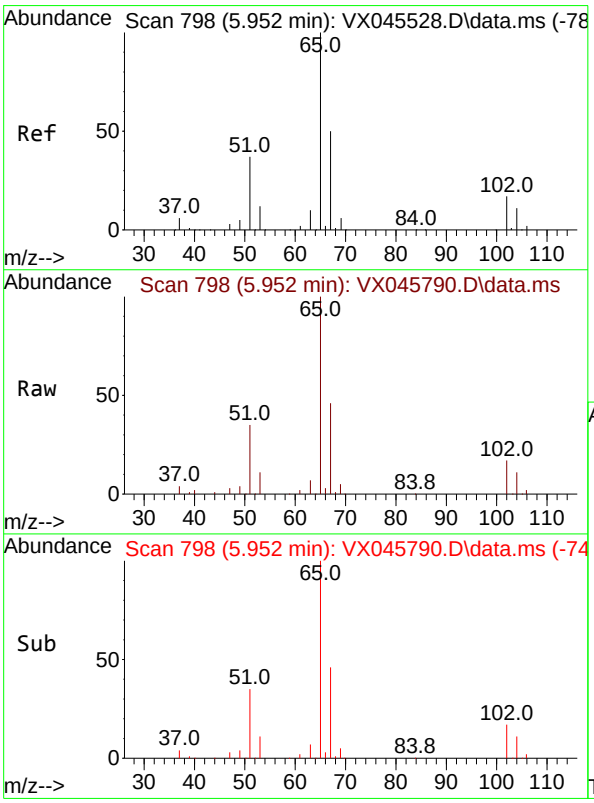
#25
2-Butanone
Concen: 3.764 ug/l
RT: 4.586 min Scan# 5
Delta R.T. 0.030 min
Lab File: VX045790.D
Acq: 15 Apr 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
31125

Tgt Ion: 43 Resp: 2860

Ion	Ratio	Lower	Upper
43	100		
72	17.5	18.6	28.0#

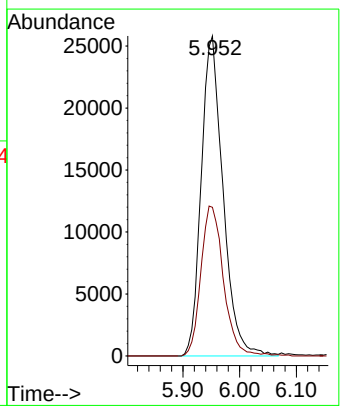


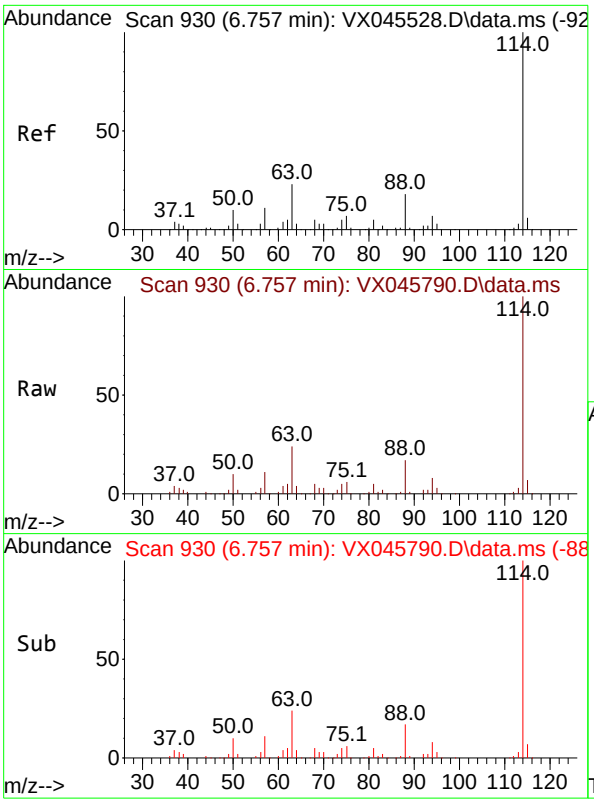


#33
1,2-Dichloroethane-d4
Concen: 54.501 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045790.D
Acq: 15 Apr 2025 11:40

Tgt Ion: 65 Resp: 68889

Ion	Ratio	Lower	Upper
65	100		
67	48.8	0.0	99.0



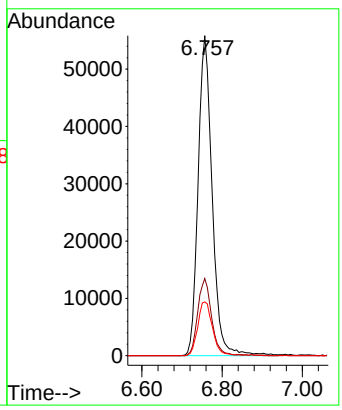


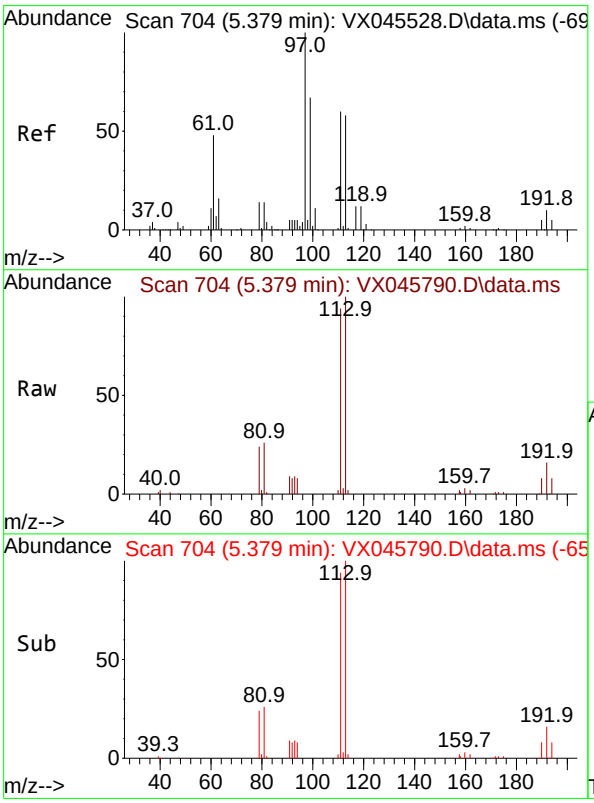
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX045790.D
Acq: 15 Apr 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
31125

Tgt Ion:114 Resp: 135829

Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	46.8
88	16.8	0.0	35.4

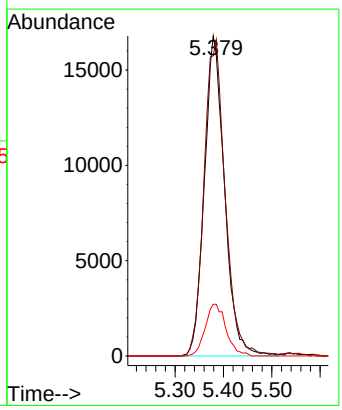


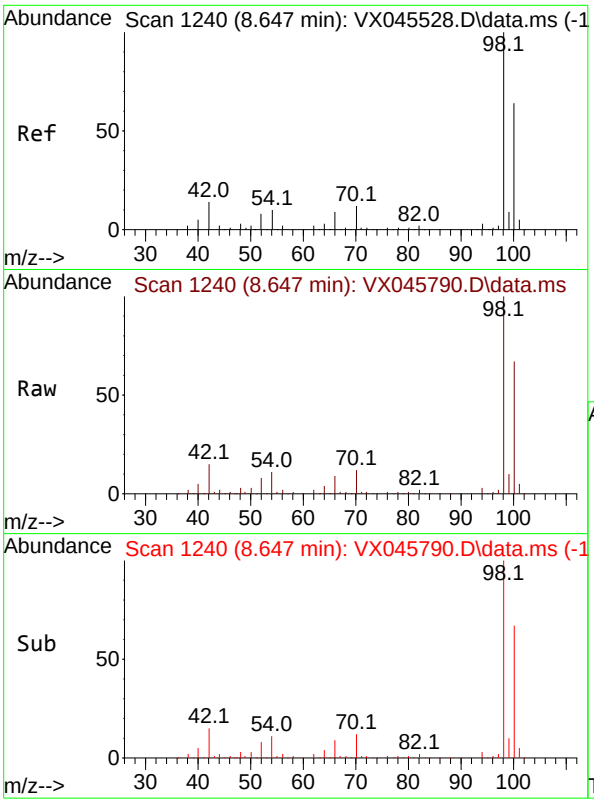


#35
Dibromofluoromethane
Concen: 50.405 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045790.D
Acq: 15 Apr 2025 11:40

Tgt Ion:113 Resp: 48576

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.8	122.6
192	16.7	13.8	20.6



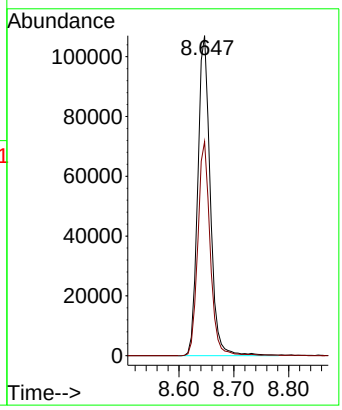


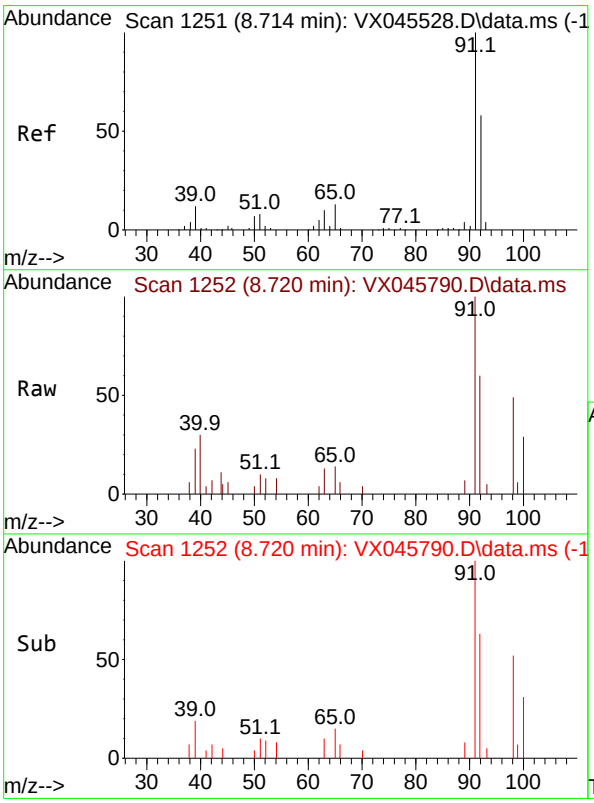
#50
Toluene-d8
Concen: 50.460 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045790.D
Acq: 15 Apr 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
31125

Tgt Ion: 98 Resp: 169734

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.2	78.4

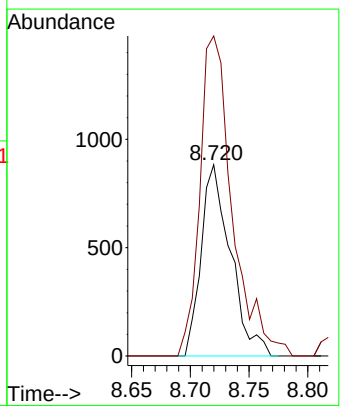


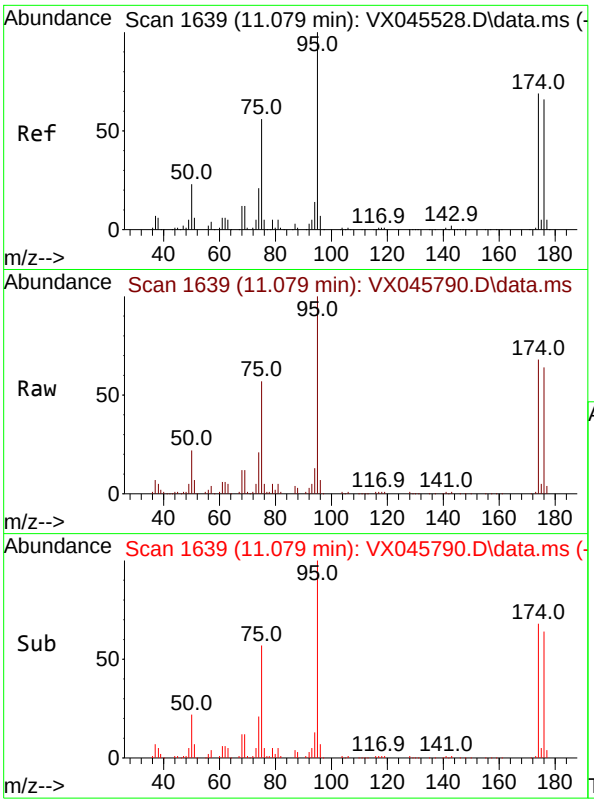


#52
Toluene
Concen: 0.640 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX045790.D
Acq: 15 Apr 2025 11:40

Tgt Ion: 92 Resp: 1539

Ion	Ratio	Lower	Upper
92	100		
91	184.3	138.7	208.1



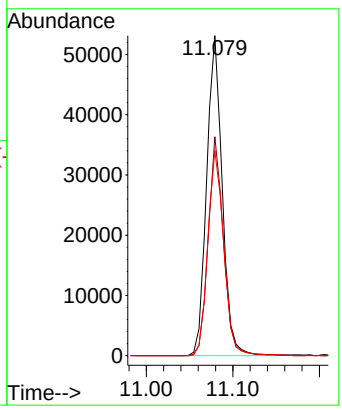


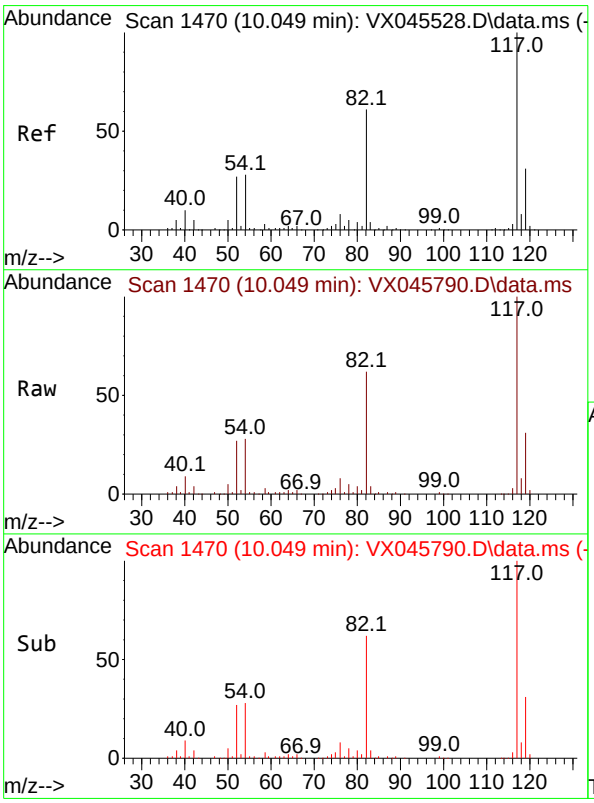
#62
4-Bromofluorobenzene
Concen: 54.189 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045790.D
Acq: 15 Apr 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
31125

Tgt Ion: 95 Resp: 66394

Ion	Ratio	Lower	Upper
95	100		
174	67.0	0.0	135.8
176	65.7	0.0	131.4

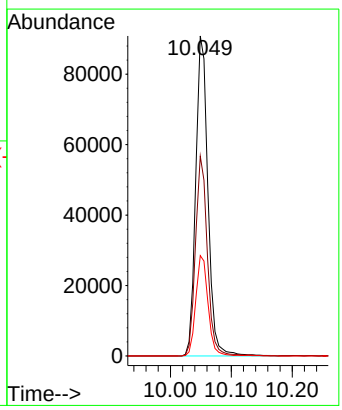


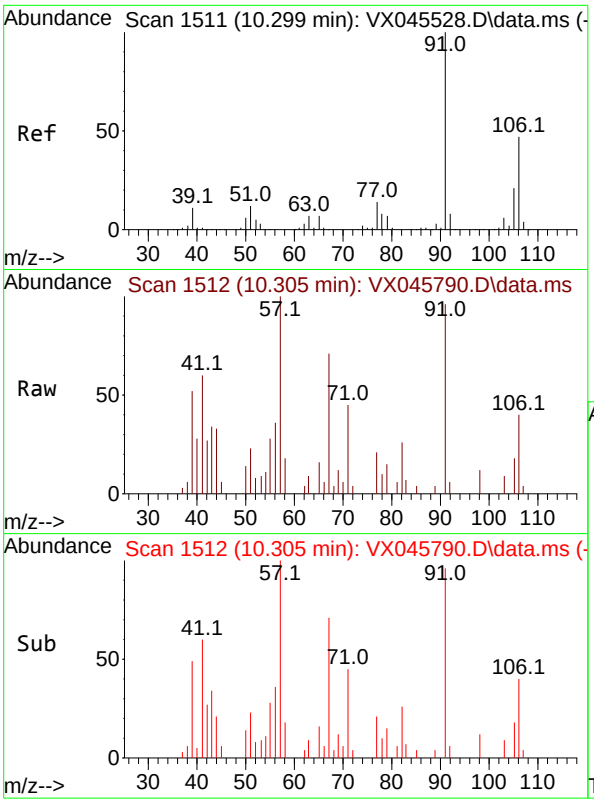


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045790.D
Acq: 15 Apr 2025 11:40

Tgt Ion:117 Resp: 126304

Ion	Ratio	Lower	Upper
117	100		
82	62.4	49.2	73.8
119	31.3	25.1	37.7



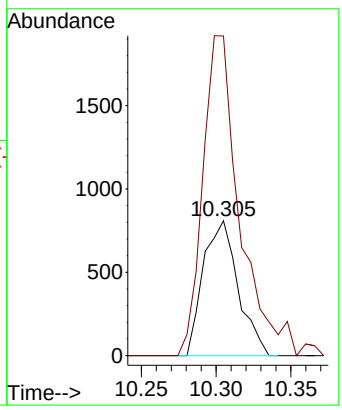


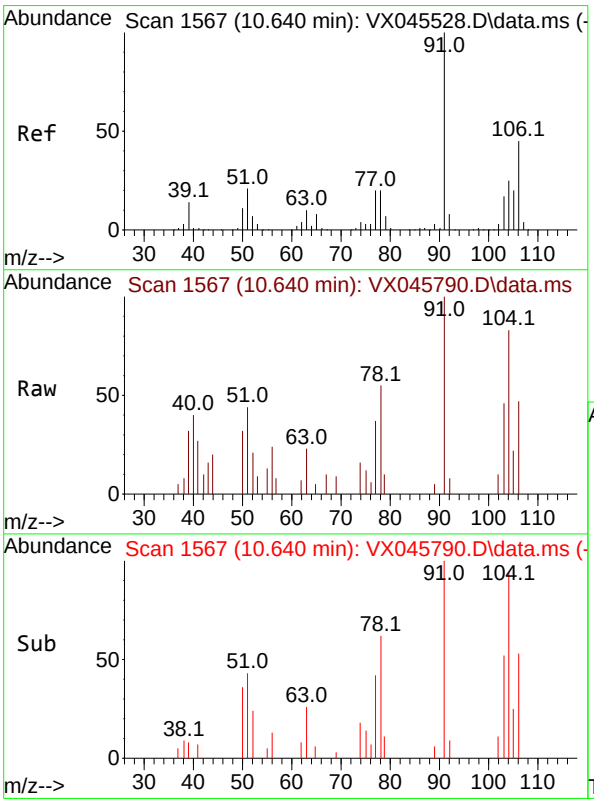
#68
m/p-Xylenes
Concen: 0.744 ug/l
RT: 10.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045790.D
Acq: 15 Apr 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
31125

Tgt Ion:106 Resp: 1308

Ion	Ratio	Lower	Upper
106	100		
91	254.1	172.6	258.8

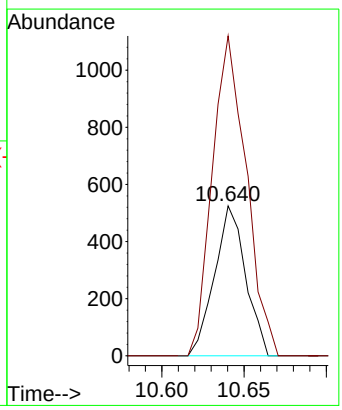


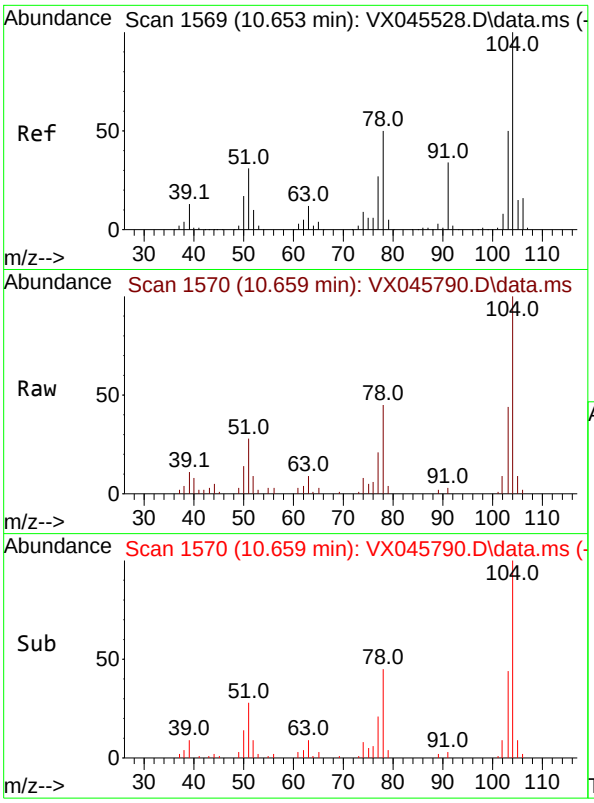


#69
o-Xylene
Concen: 0.399 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045790.D
Acq: 15 Apr 2025 11:40

Tgt Ion:106 Resp: 691

Ion	Ratio	Lower	Upper
106	100		
91	232.6	113.6	340.6



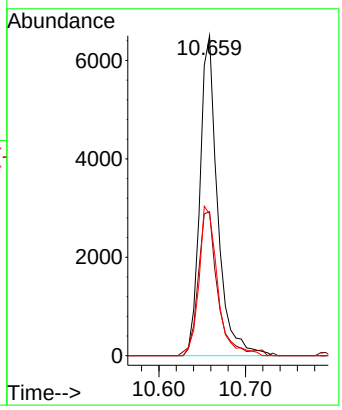


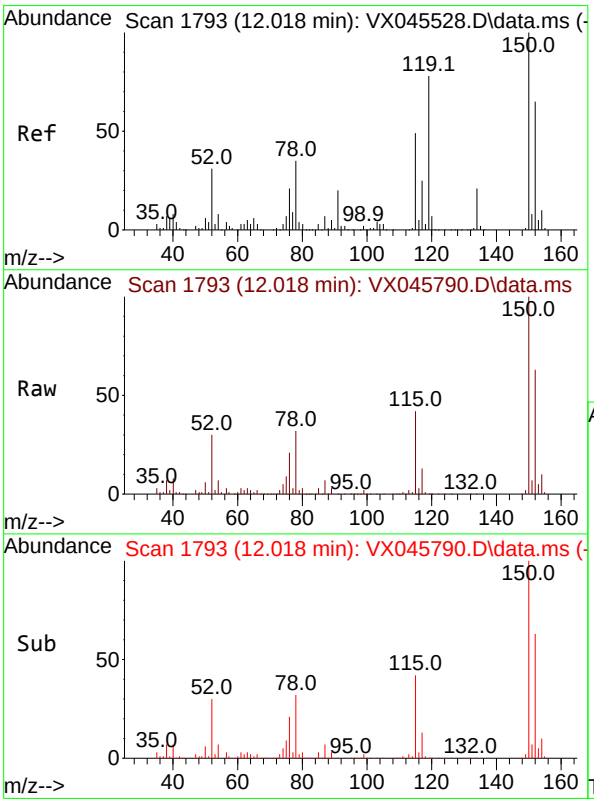
#70
Styrene
Concen: 3.235 ug/l
RT: 10.659 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045790.D
Acq: 15 Apr 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
31125

Tgt Ion:104 Resp: 9246

Ion	Ratio	Lower	Upper
104	100		
78	50.0	45.4	68.2
103	48.8	43.8	65.8

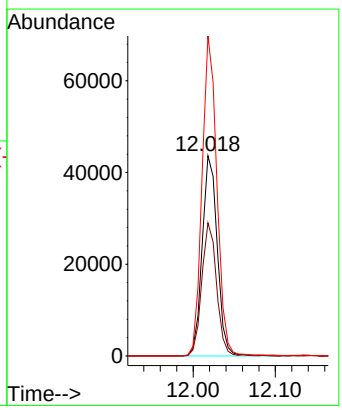


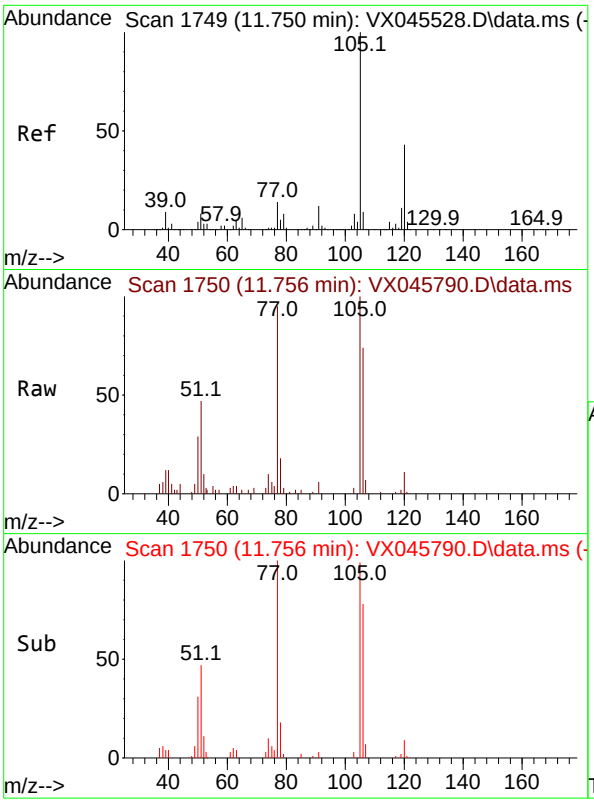


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045790.D
Acq: 15 Apr 2025 11:40

Tgt Ion:152 Resp: 55602

Ion	Ratio	Lower	Upper
152	100		
115	65.7	46.9	140.7
150	157.7	0.0	349.4



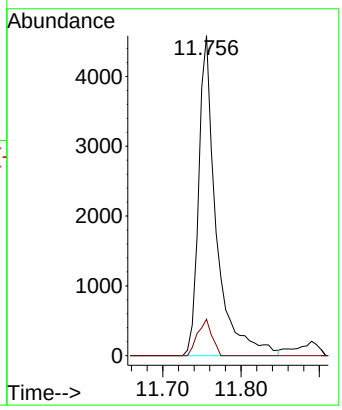


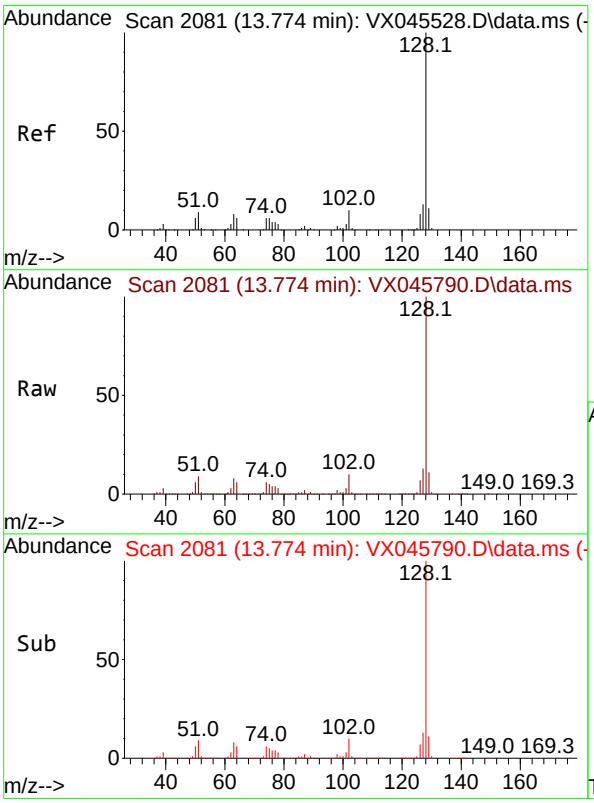
#84
1,2,4-Trimethylbenzene
Concen: 1.933 ug/l
RT: 11.756 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045790.D
Acq: 15 Apr 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
31125

Tgt Ion:105 Resp: 7146

Ion	Ratio	Lower	Upper
105	100		
120	9.3	21.4	64.3#





#95
Naphthalene
Concen: 165.328 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045790.D
Acq: 15 Apr 2025 11:40

Tgt Ion:128 Resp: 637795

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.9	8.6	12.8