Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030325\
Data File : VX045105.D
Acq On : 03 Mar 2025 11:30
Operator : JC/MD
Sample : PB166928TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB166928TB

Quant Time: Mar 04 05:20:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	75337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152031	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	143120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	62450	52.114	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.220%			
35) Dibromofluoromethane	5.379	113	51016	50.183	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.360%			
50) Toluene-d8	8.641	98	189518	51.423	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.840%			
62) 4-Bromofluorobenzene	11.079	95	66977	54.842	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.680%			
Target Compounds						Qvalue
16) Acetone	2.380	43	23995	43.157	ug/l	97
18) Methyl Acetate	2.703	43	1459	1.091	ug/l	95
20) Methylene Chloride	2.782	84	2123	1.928	ug/l #	92
43) Isopropyl Acetate	6.336	43	62269	23.441	ug/l	99

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

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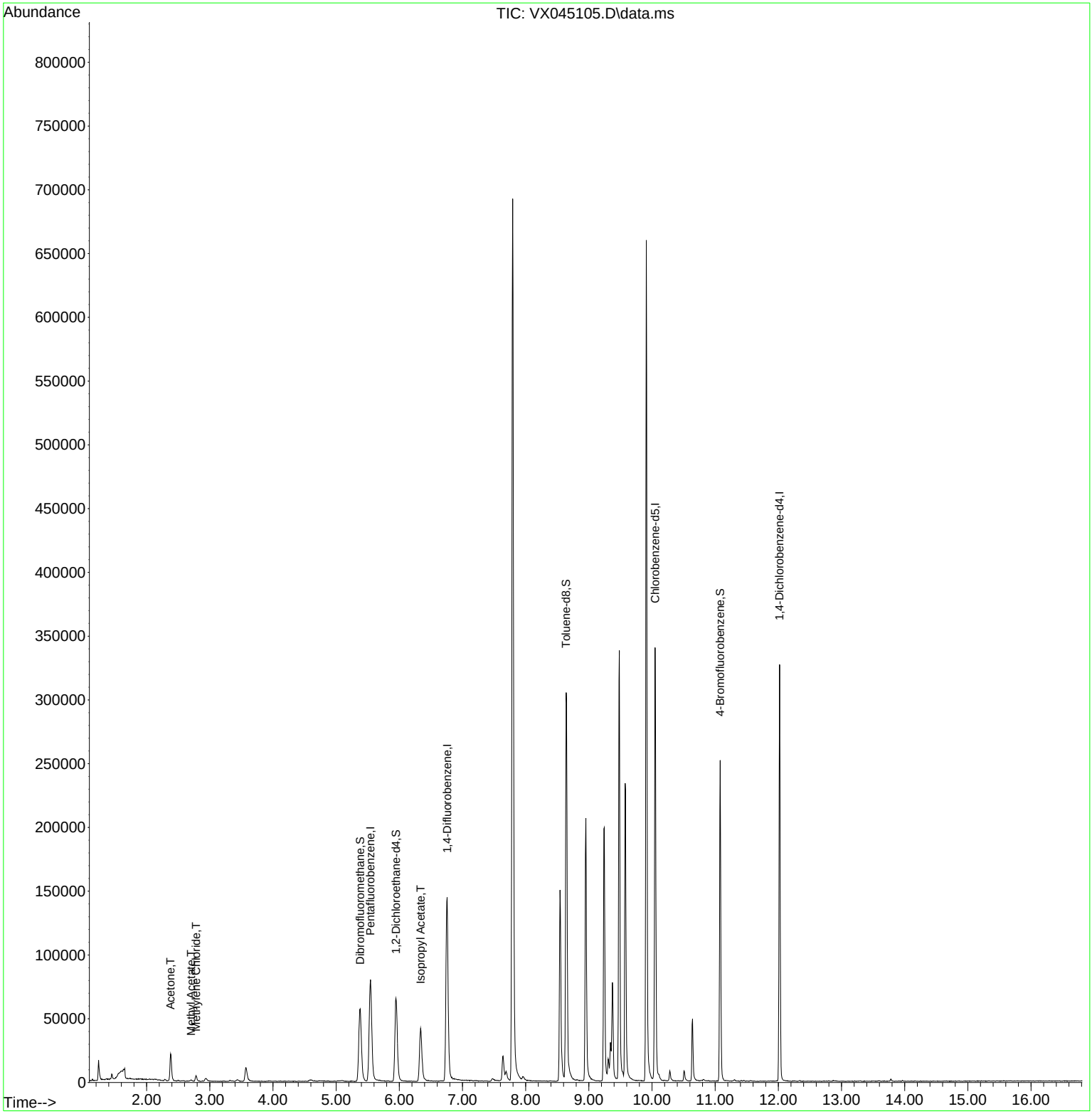
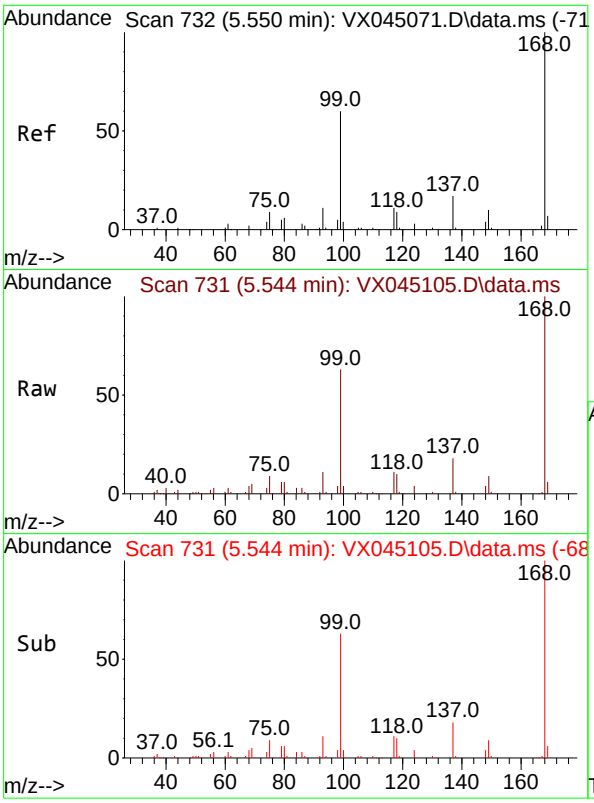


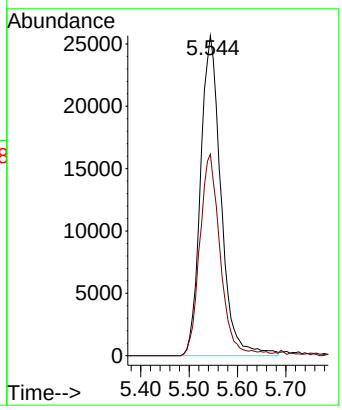


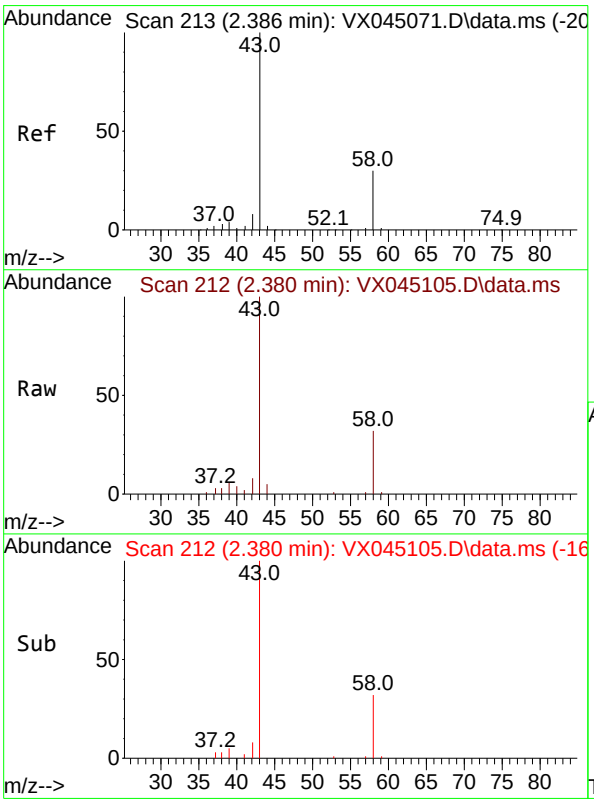
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :
PB166928TB

Tgt Ion:168 Resp: 75337

Ion	Ratio	Lower	Upper
168	100		
99	62.9	48.2	72.4

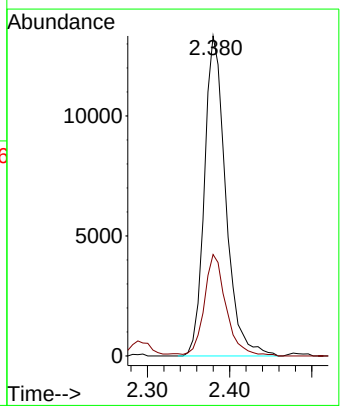


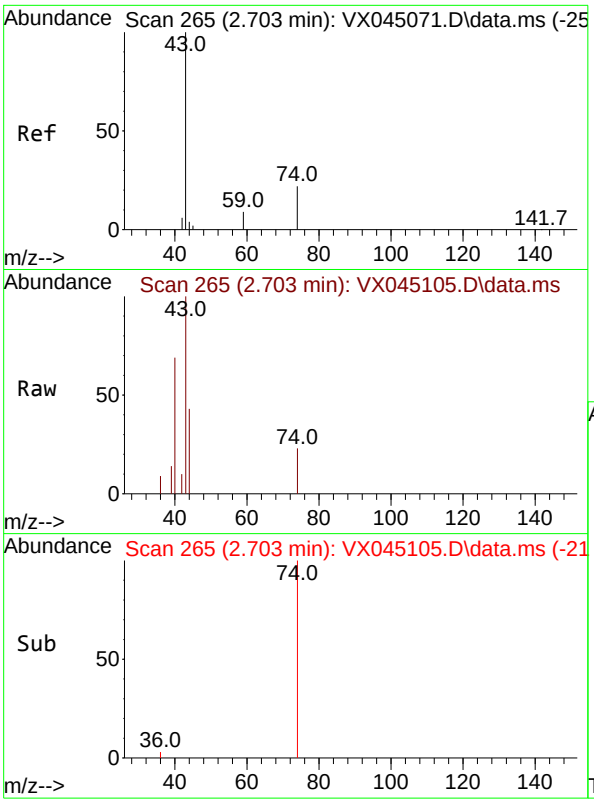


#16
Acetone
Concen: 43.157 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Tgt Ion: 43 Resp: 23995

Ion	Ratio	Lower	Upper
43	100		
58	31.7	24.2	36.4



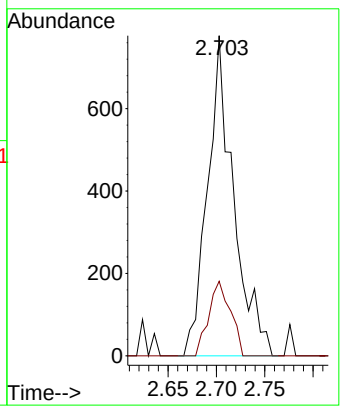


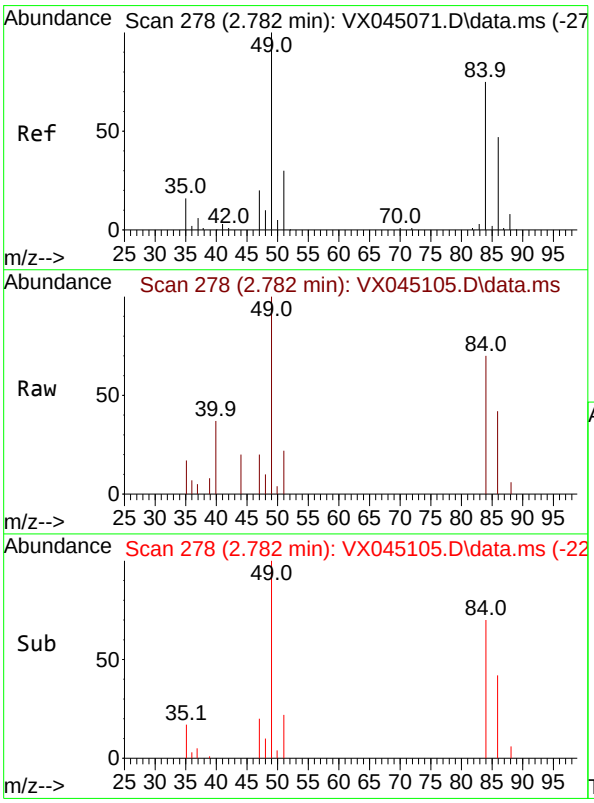
#18
Methyl Acetate
Concen: 1.091 ug/l
RT: 2.703 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :
PB166928TB

Tgt Ion: 43 Resp: 1459

Ion	Ratio	Lower	Upper
43	100		
74	19.4	17.4	26.2

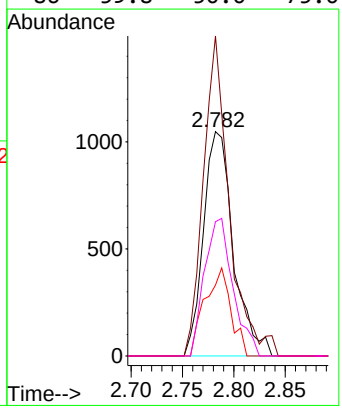


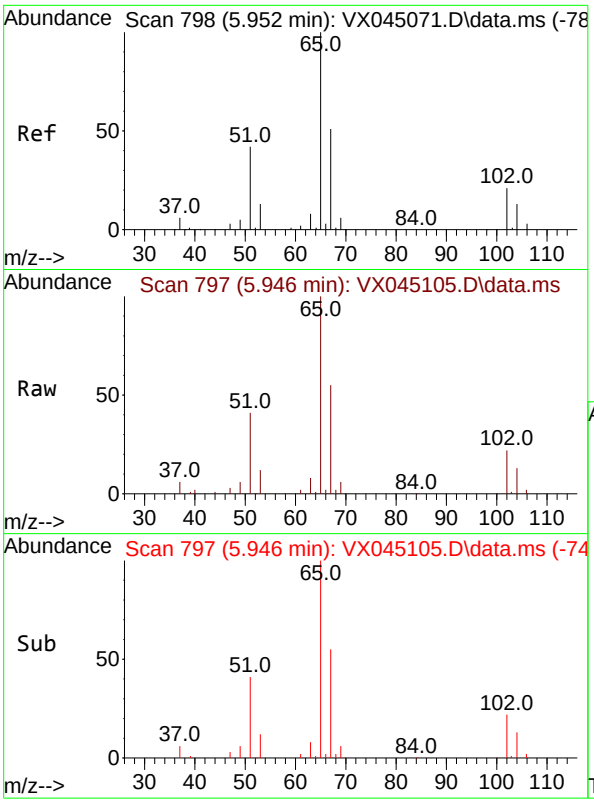


#20
Methylene Chloride
Concen: 1.928 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Tgt Ion: 84 Resp: 2123

Ion	Ratio	Lower	Upper
84	100		
49	142.7	106.5	159.7
51	31.6	32.1	48.1#
86	59.8	50.0	75.0



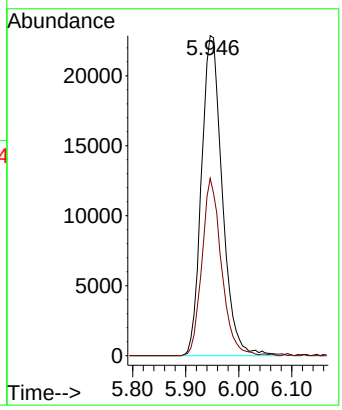


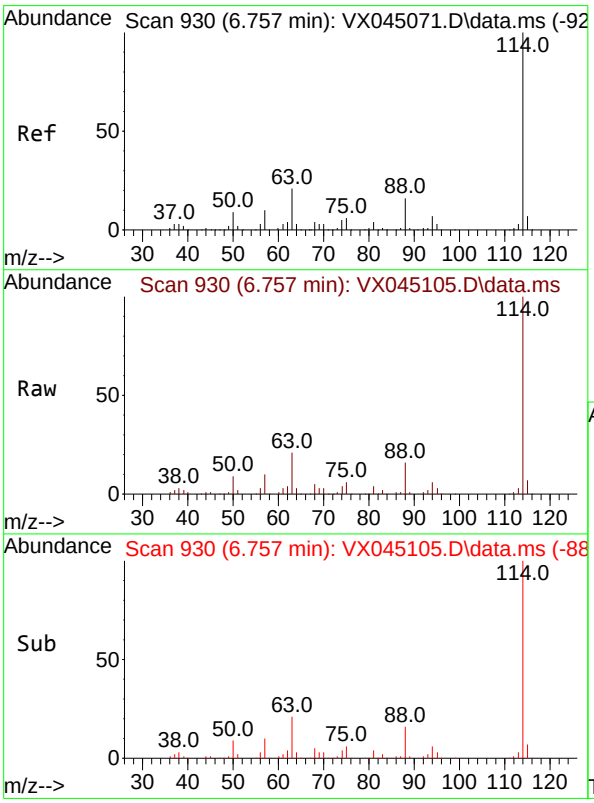
#33
1,2-Dichloroethane-d4
Concen: 52.114 ug/l
RT: 5.946 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :
PB166928TB

Tgt Ion: 65 Resp: 62450

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	106.2

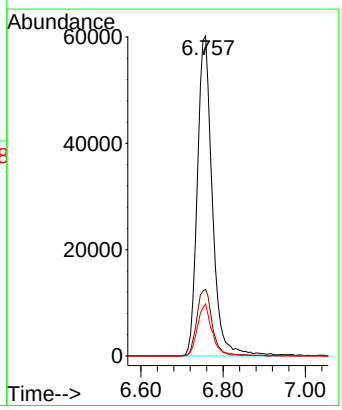


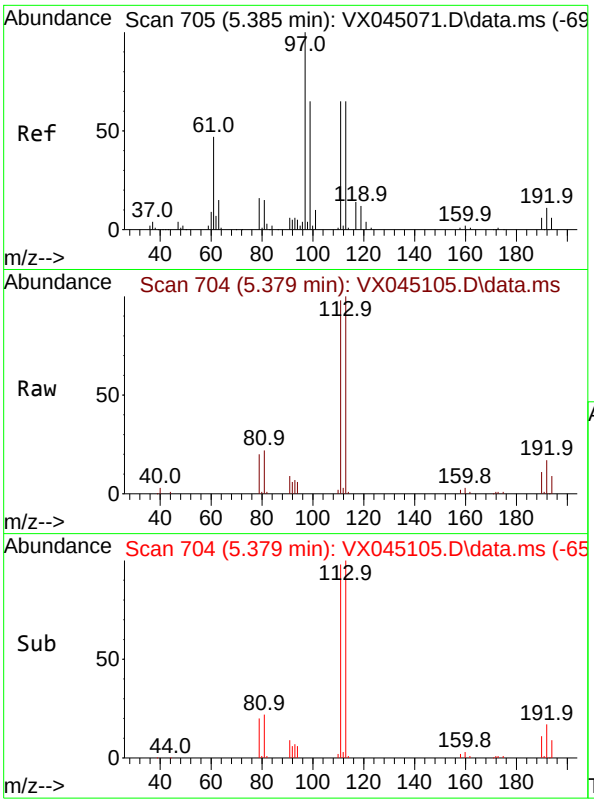


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Tgt Ion:114 Resp: 152031

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	41.8
88	16.2	0.0	32.8



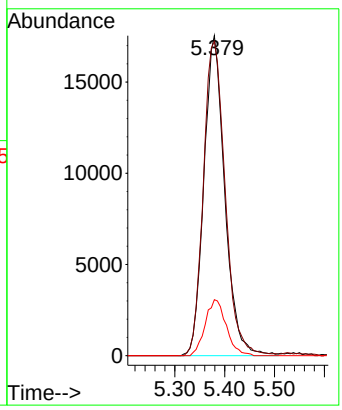


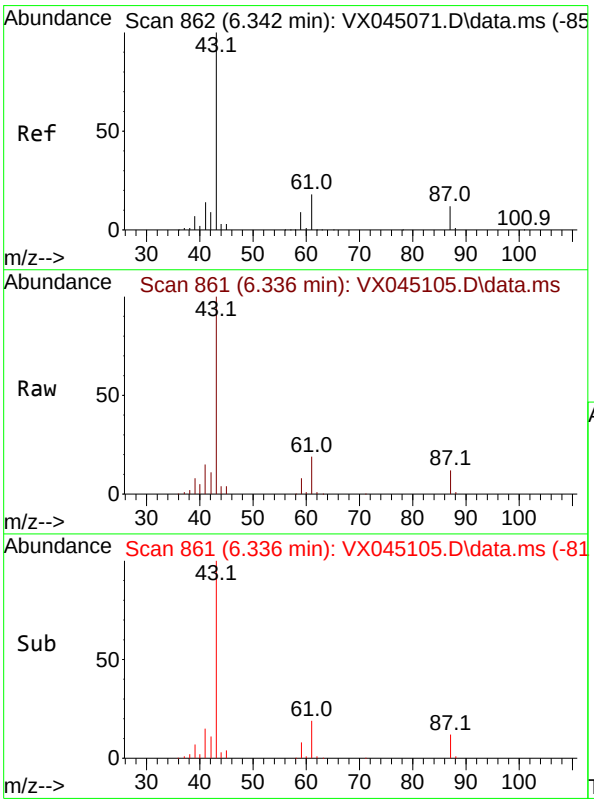
#35
Dibromofluoromethane
Concen: 50.183 ug/l
RT: 5.379 min Scan# 7(
Delta R.T. -0.006 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :
PB166928TB

Tgt Ion:113 Resp: 51016

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.6
192	17.6	14.3	21.5

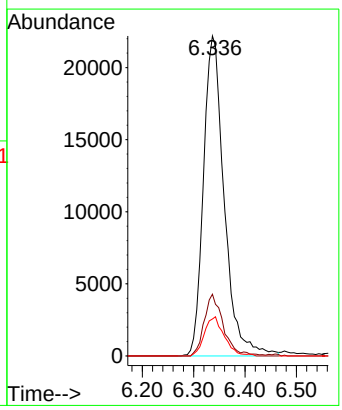


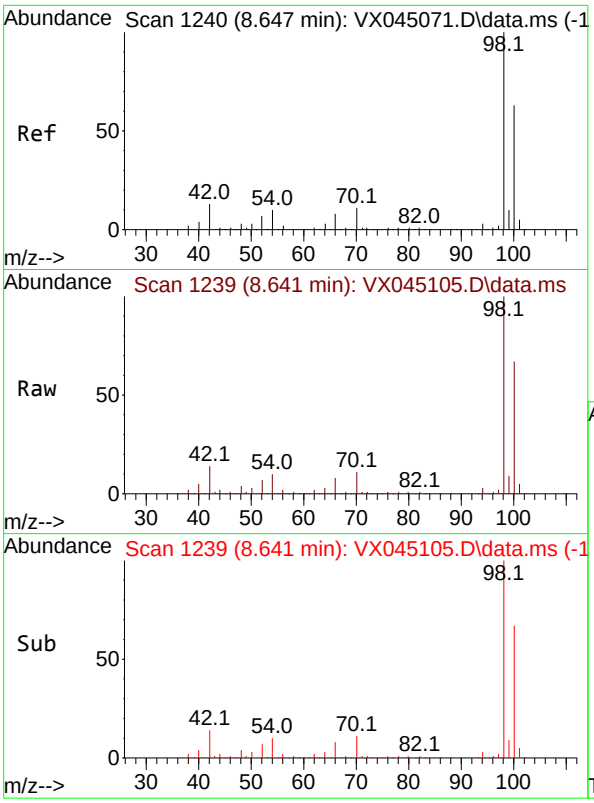


#43
Isopropyl Acetate
Concen: 23.441 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Tgt Ion: 43 Resp: 62269

Ion	Ratio	Lower	Upper
43	100		
61	17.8	14.9	22.3
87	11.7	9.4	14.2



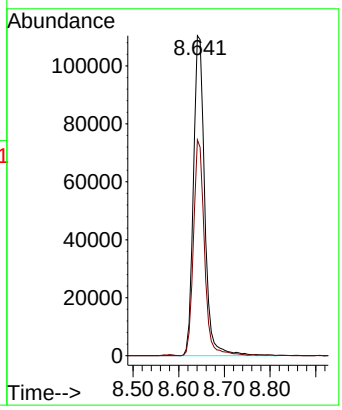


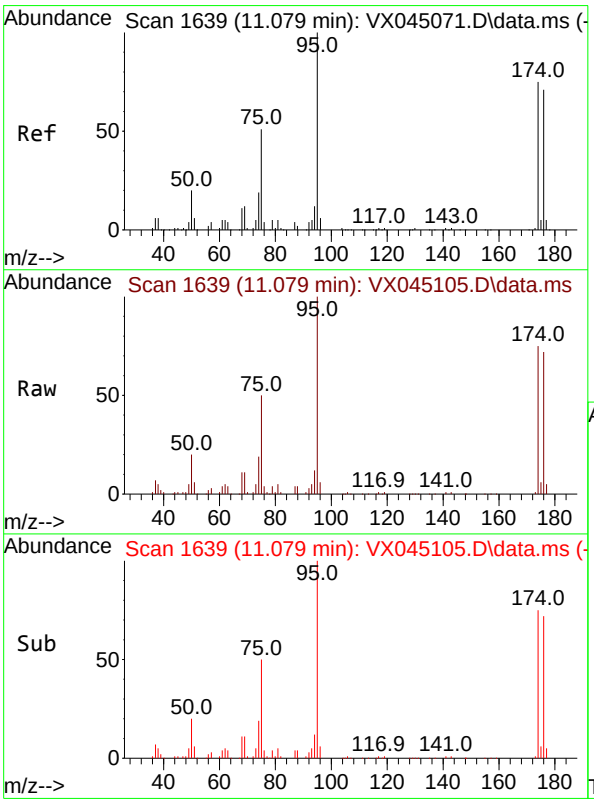
#50
Toluene-d8
Concen: 51.423 ug/l
RT: 8.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :
PB166928TB

Tgt Ion: 98 Resp: 189518

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.0	78.0

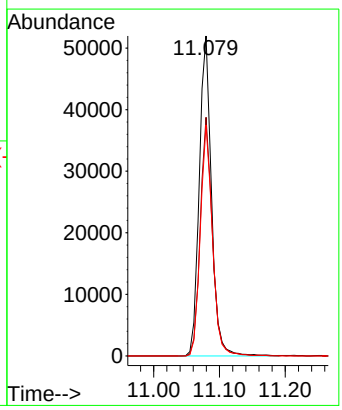


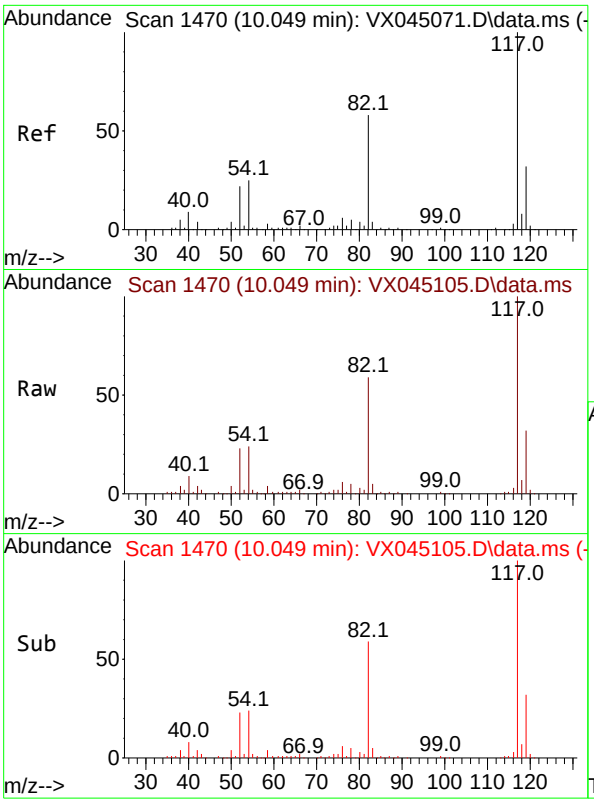


#62
4-Bromofluorobenzene
Concen: 54.842 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Tgt Ion: 95 Resp: 66977

Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	148.2
176	71.5	0.0	141.4



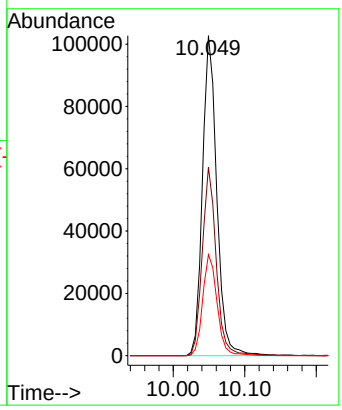


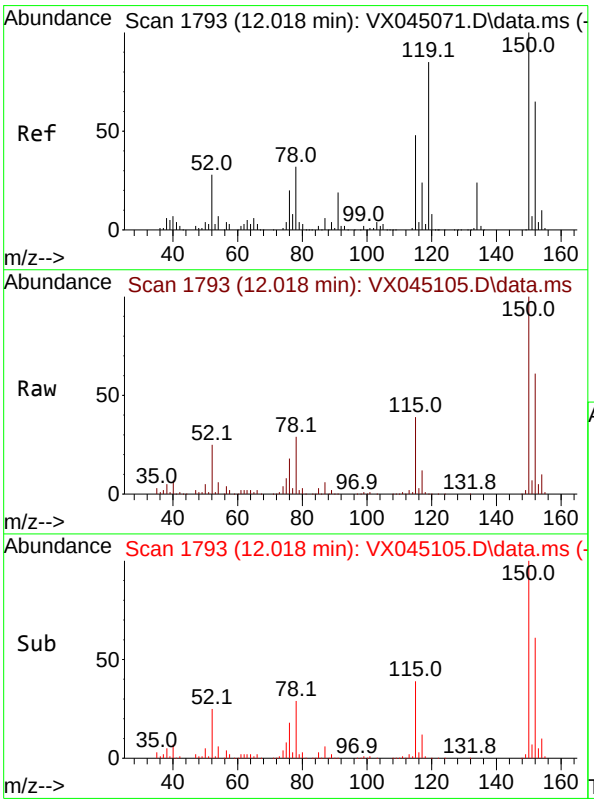
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :
PB166928TB

Tgt Ion:117 Resp: 143120

Ion	Ratio	Lower	Upper
117	100		
82	59.0	46.3	69.5
119	31.6	25.7	38.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Tgt Ion:152 Resp: 62542

Ion	Ratio	Lower	Upper
152	100		
115	60.8	44.2	132.6
150	156.1	0.0	349.0