Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045334.D
Acq On : 18 Mar 2025 18:43
Operator : JC/MD
Sample : Q1576-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW14

Quant Time: Mar 19 01:49:16 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	70033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	137531	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63738	57.217	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.440%			
35) Dibromofluoromethane	5.379	113	47622	51.784	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.560%			
50) Toluene-d8	8.647	98	171547	51.454	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.900%			
62) 4-Bromofluorobenzene	11.079	95	61548	55.710	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.420%			
Target Compounds						Qvalue
8) Diethyl Ether	2.130	74	818	1.476	ug/l	50
16) Acetone	2.379	43	1951	3.775	ug/l	96
24) 1,1-Dichloroethane	3.611	63	1375	0.788	ug/l #	83
44) Trichloroethene	7.135	130	860	0.920	ug/l	98

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

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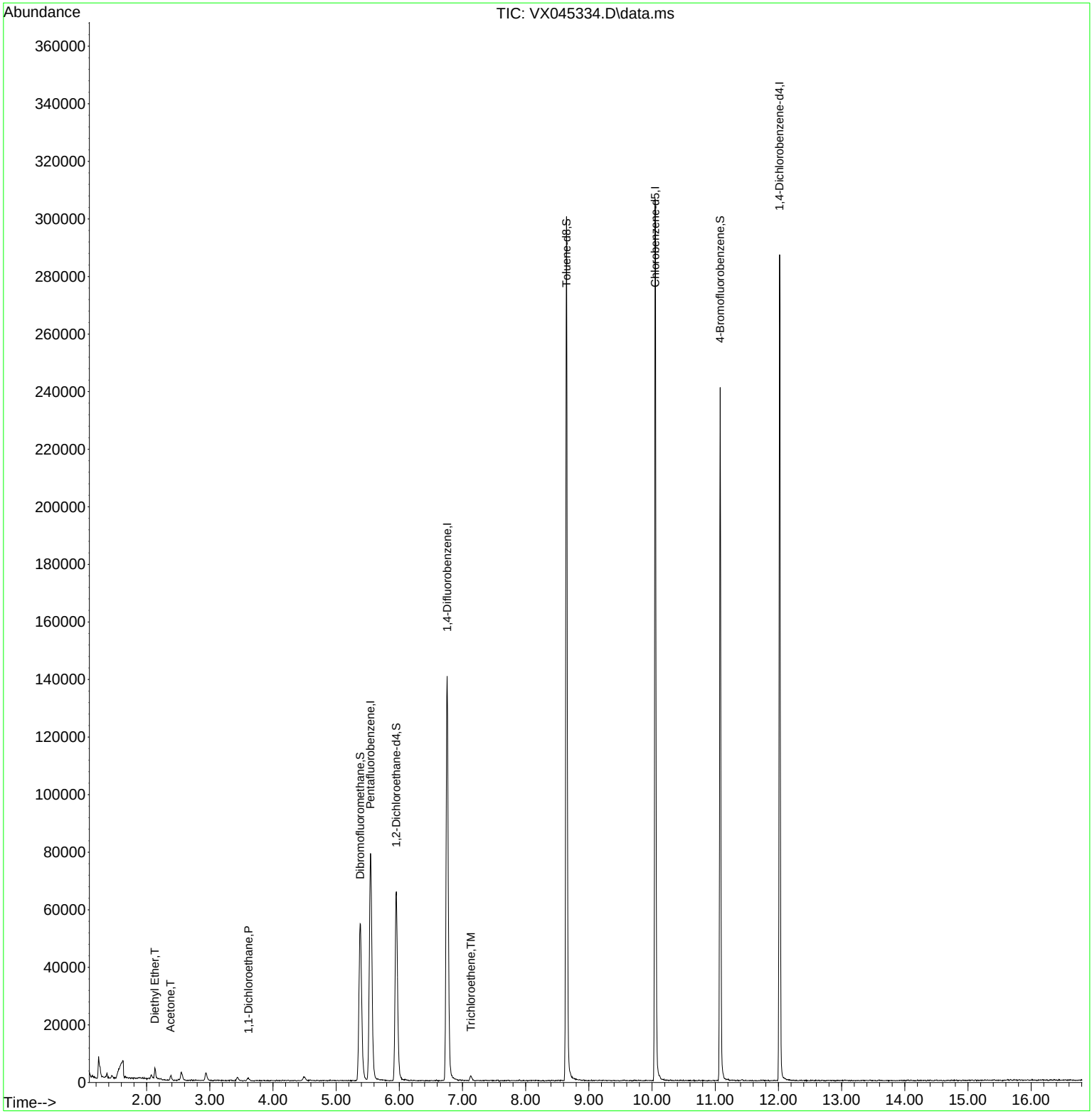
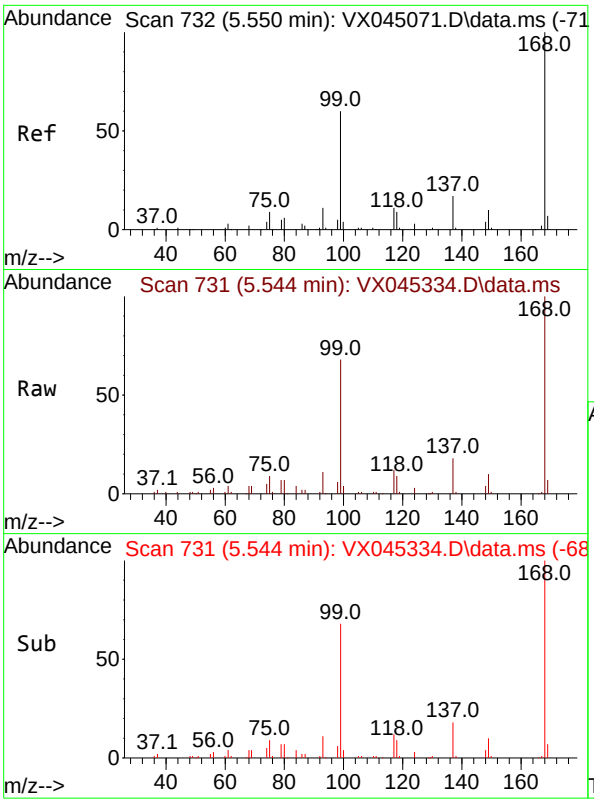


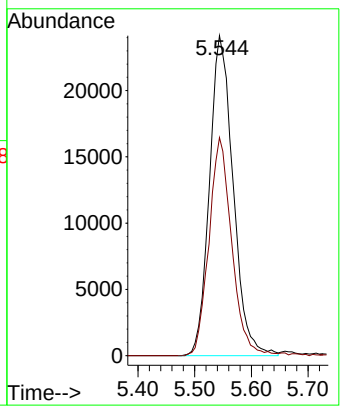


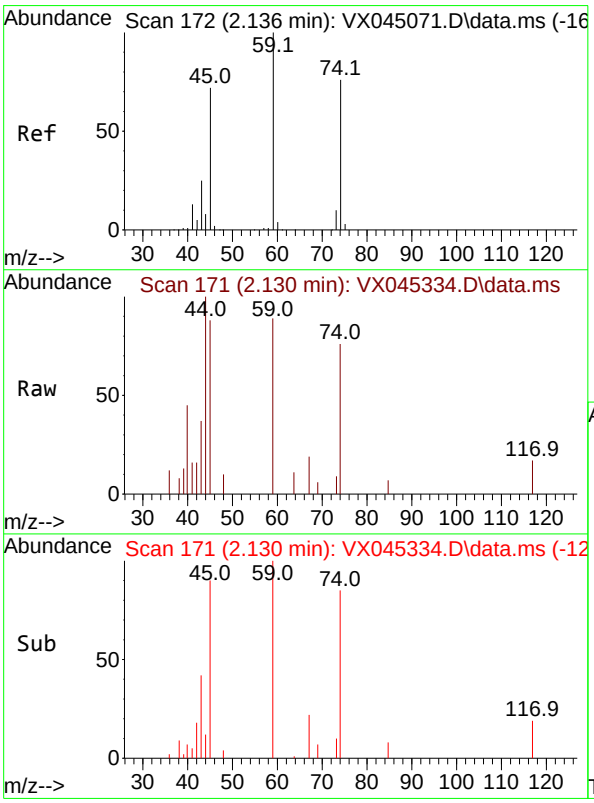
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Instrument :
MSVOA_X
ClientSampleId :
MW14

Tgt Ion:168 Resp: 70033

Ion	Ratio	Lower	Upper
168	100		
99	68.2	48.2	72.4

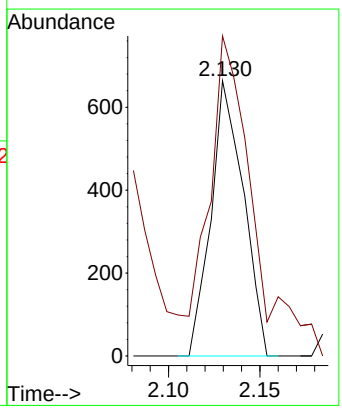


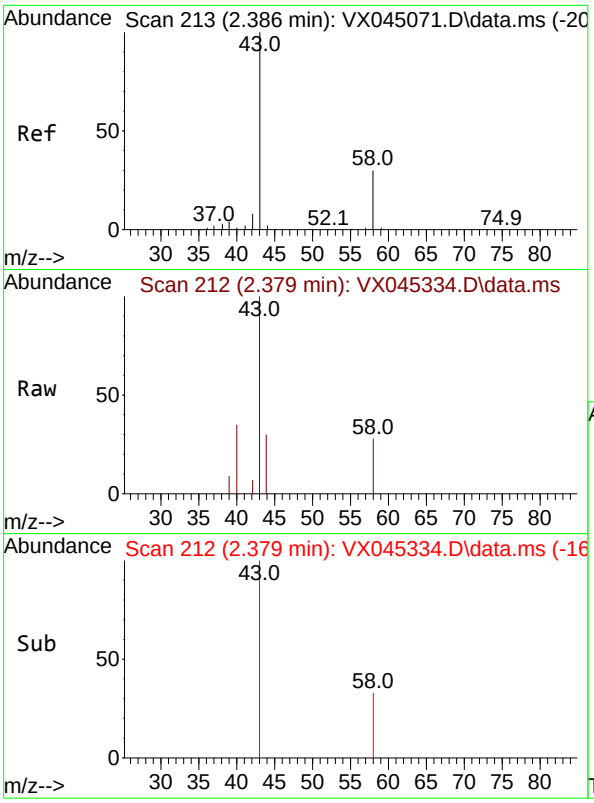


#8
Diethyl Ether
Concen: 1.476 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Tgt Ion: 74 Resp: 818

Ion	Ratio	Lower	Upper
74	100		
45	153.4	51.5	154.5



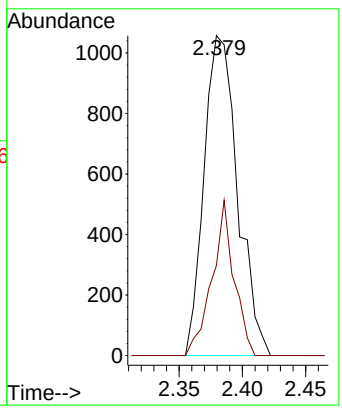


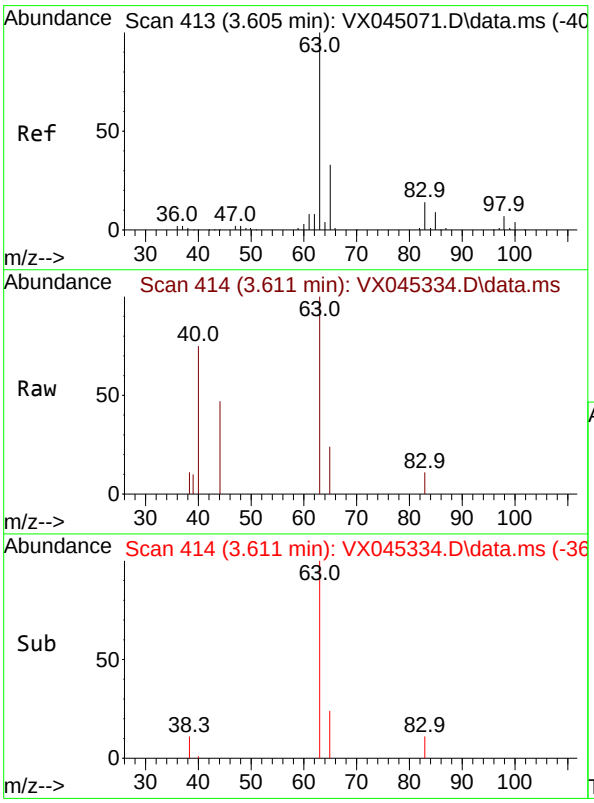
#16
Acetone
Concen: 3.775 ug/l
RT: 2.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Instrument :
MSVOA_X
ClientSampleId :
MW14

Tgt Ion: 43 Resp: 1951

Ion	Ratio	Lower	Upper
43	100		
58	28.2	24.2	36.4

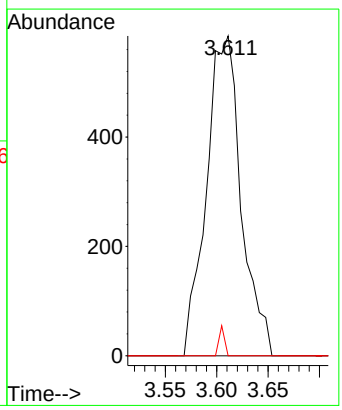


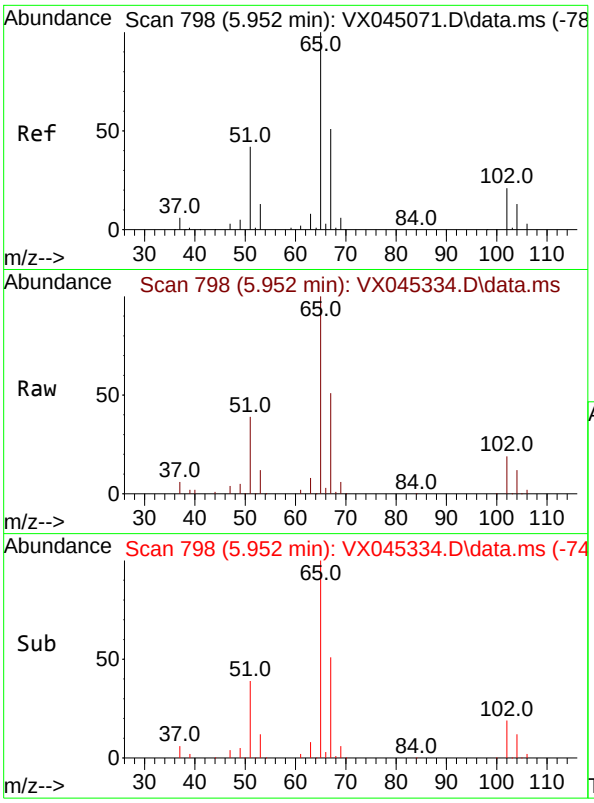


#24
1,1-Dichloroethane
Concen: 0.788 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Tgt Ion: 63 Resp: 1375

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.4	10.2#
100	0.0	2.1	6.5#



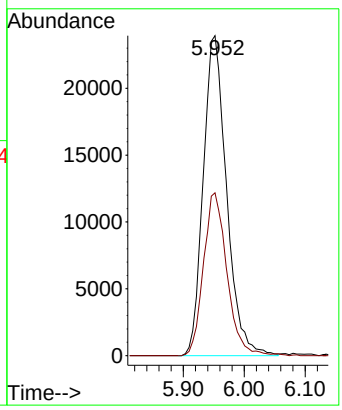


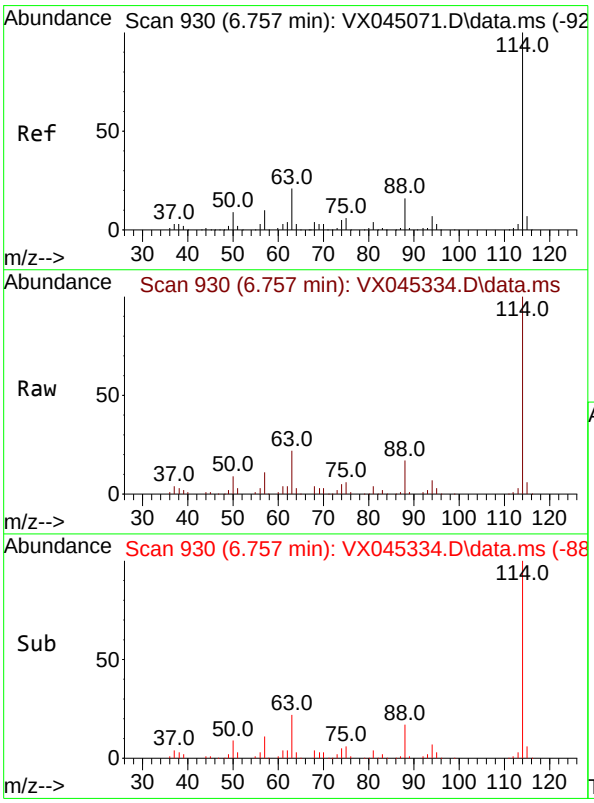
#33
1,2-Dichloroethane-d4
Concen: 57.217 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Instrument :
MSVOA_X
ClientSampleId :
MW14

Tgt Ion: 65 Resp: 63738

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	106.2

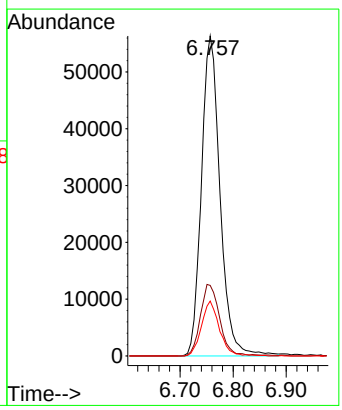


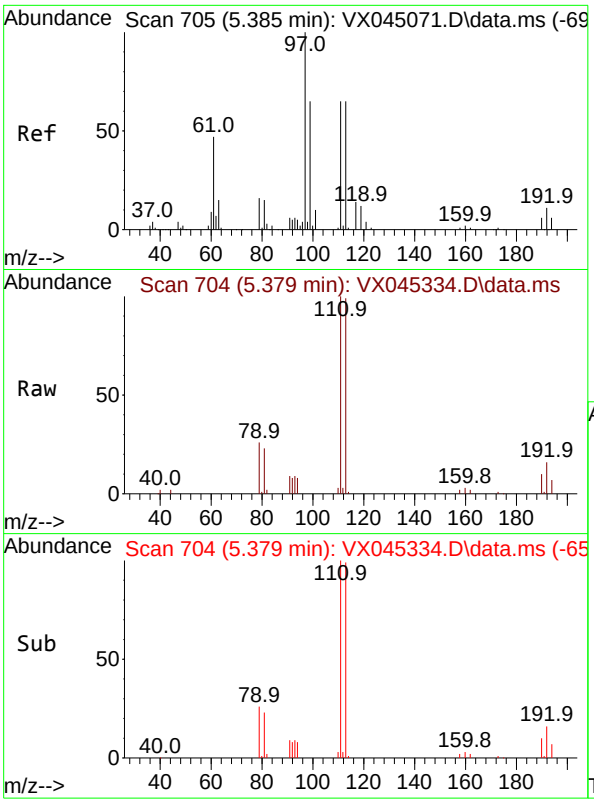


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Tgt Ion:114 Resp: 137531

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	41.8
88	17.2	0.0	32.8



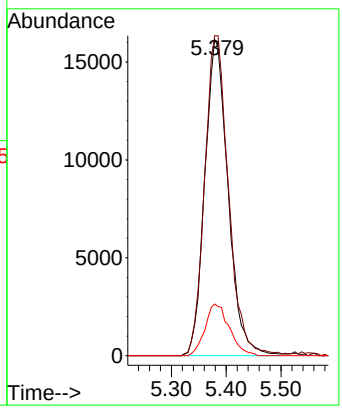


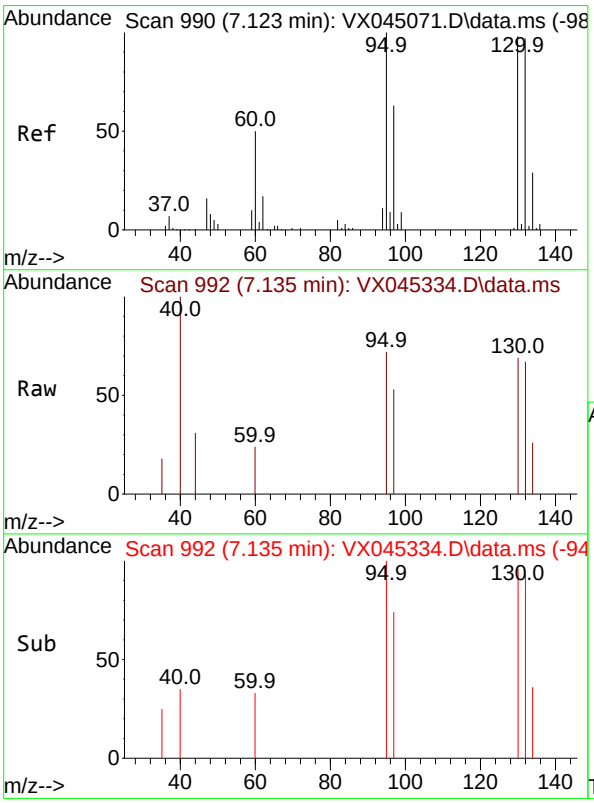
#35
Dibromofluoromethane
Concen: 51.784 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Instrument :
MSVOA_X
ClientSampleId :
MW14

Tgt Ion:113 Resp: 47622

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.6
192	17.0	14.3	21.5

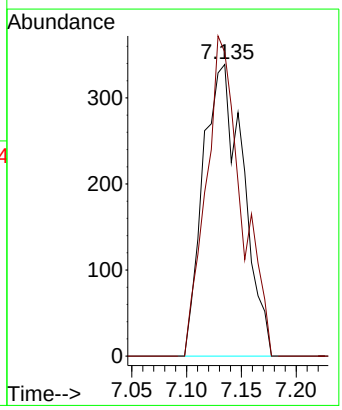


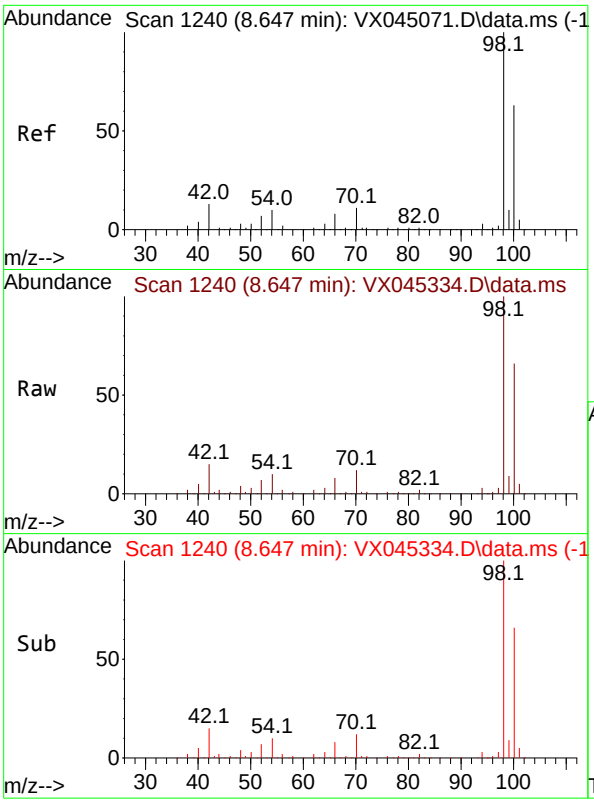


#44
Trichloroethene
Concen: 0.920 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Tgt Ion:130 Resp: 860

Ion	Ratio	Lower	Upper
130	100		
95	104.1	0.0	205.0



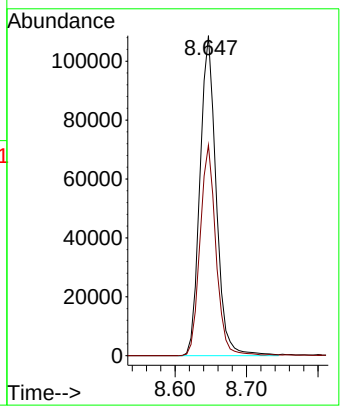


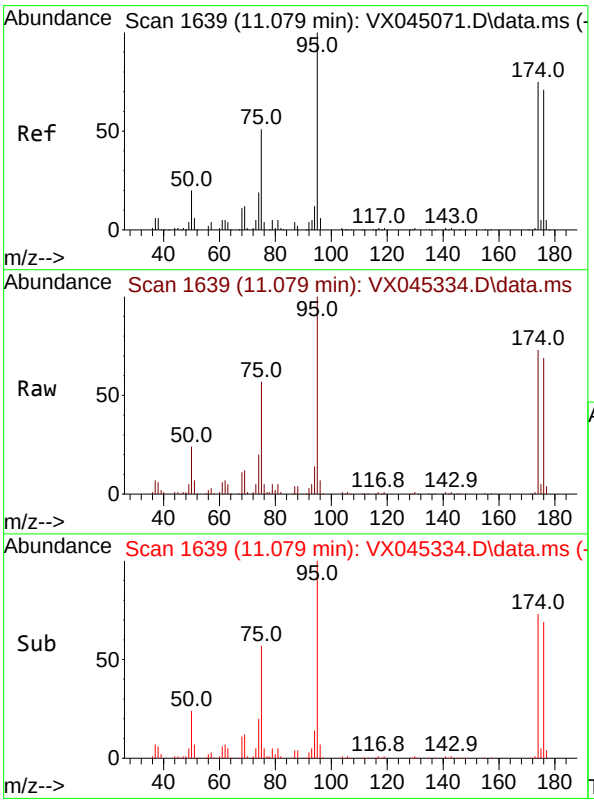
#50
Toluene-d8
Concen: 51.454 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Instrument :
MSVOA_X
ClientSampleId :
MW14

Tgt Ion: 98 Resp: 171547

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.0	78.0

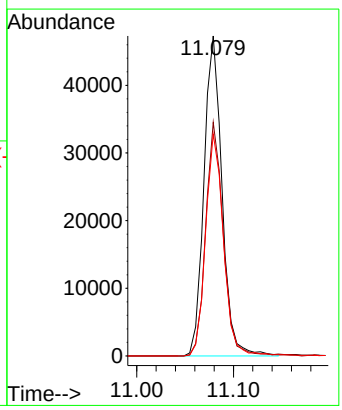


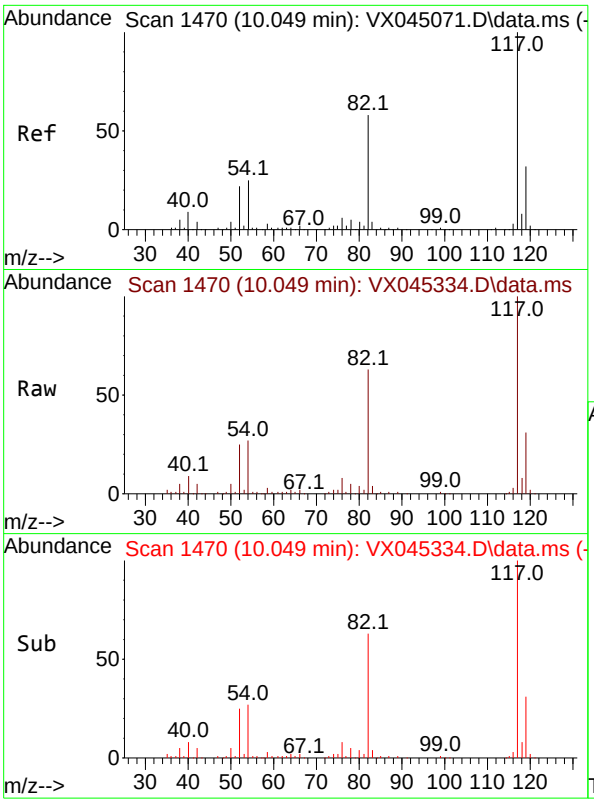


#62
4-Bromofluorobenzene
Concen: 55.710 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Tgt Ion: 95 Resp: 61548

Ion	Ratio	Lower	Upper
95	100		
174	71.3	0.0	148.2
176	69.2	0.0	141.4



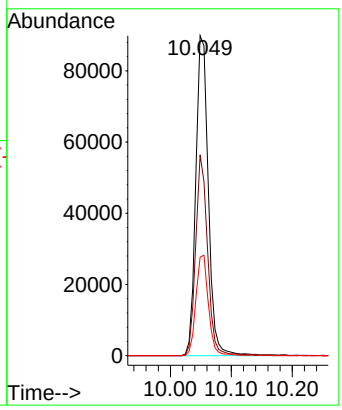


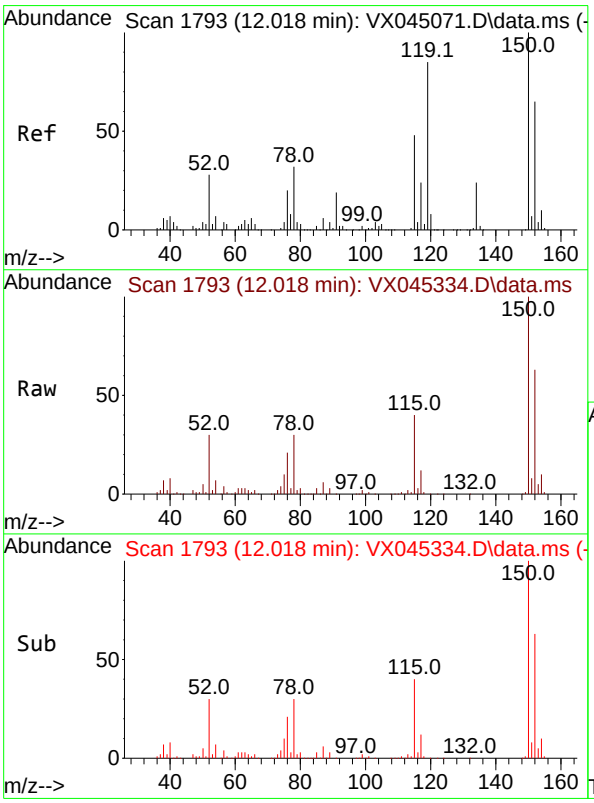
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Instrument :
MSVOA_X
ClientSampleId :
MW14

Tgt Ion:117 Resp: 128480

Ion	Ratio	Lower	Upper
117	100		
82	62.8	46.3	69.5
119	30.8	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: VX045334.D
Acq: 18 Mar 2025 18:43

Tgt Ion:152 Resp: 54246

Ion	Ratio	Lower	Upper
152	100		
115	63.6	44.2	132.6
150	159.6	0.0	349.0