Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
Data File : VX046218.D
Acq On : 15 May 2025 16:54
Operator : JC/MD
Sample : Q2034-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
L3-WC-4

Quant Time: May 16 01:08:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	62053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122291	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63161	54.597	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.200%			
35) Dibromofluoromethane	5.379	113	45614	51.797	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.600%			
50) Toluene-d8	8.647	98	159242	52.245	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.500%			
62) 4-Bromofluorobenzene	11.079	95	62227	53.224	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.440%			
Target Compounds						Qvalue
16) Acetone	2.386	43	17549	37.833	ug/l	96
18) Methyl Acetate	2.715	43	2231	2.073	ug/l	95
20) Methylene Chloride	2.788	84	14627	16.455	ug/l	99
25) 2-Butanone	4.586	43	5169	7.676	ug/l #	81
43) Isopropyl Acetate	6.348	43	12548	5.627	ug/l	98

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

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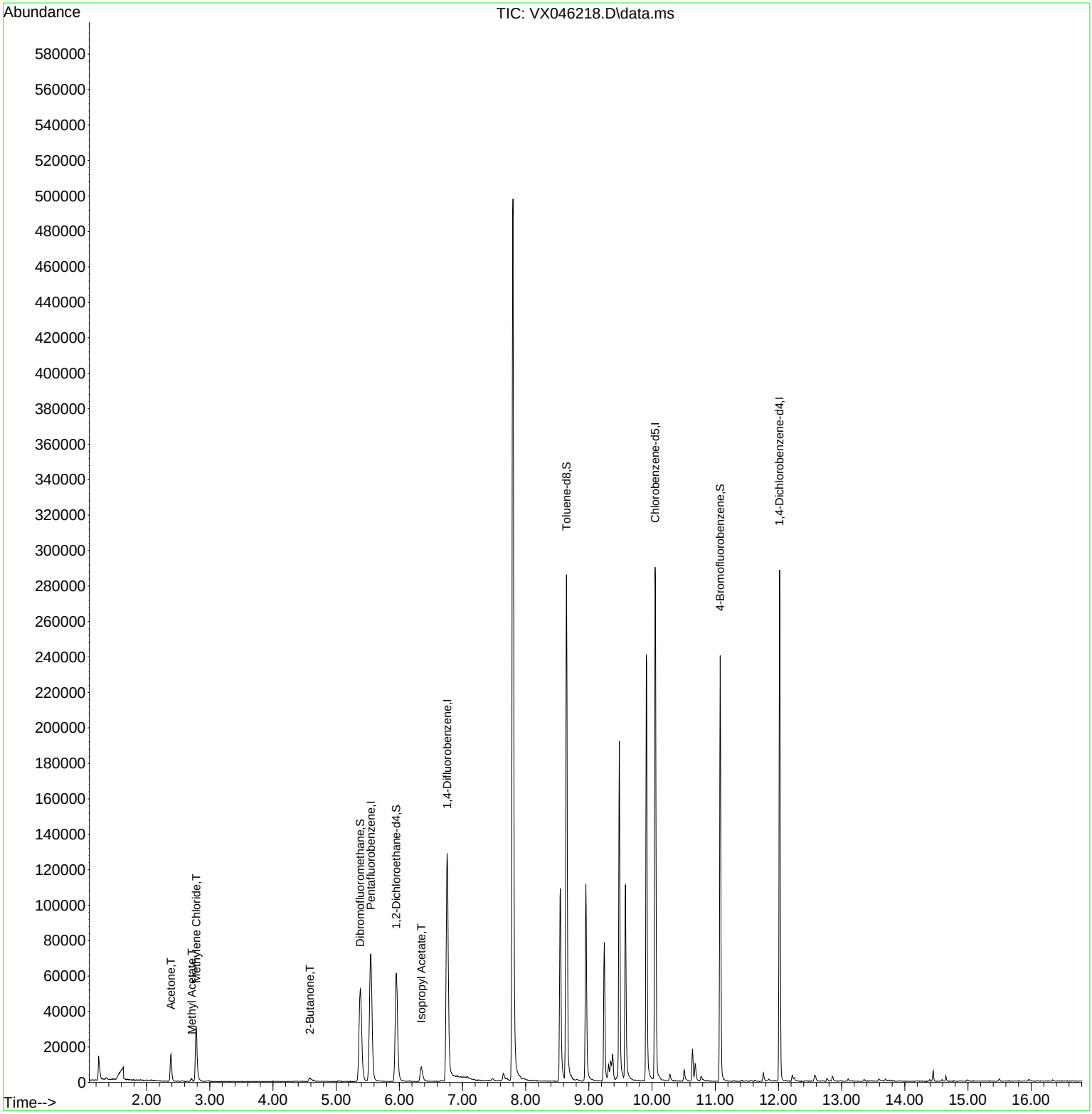
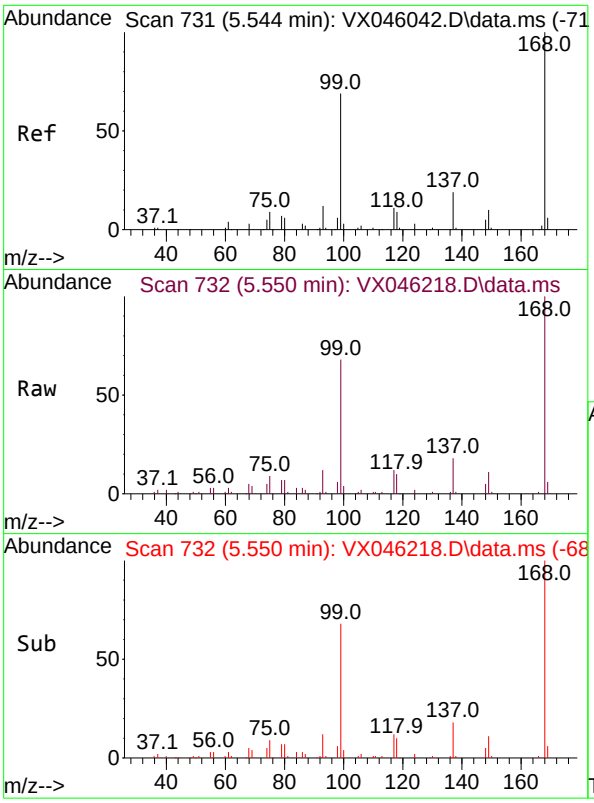


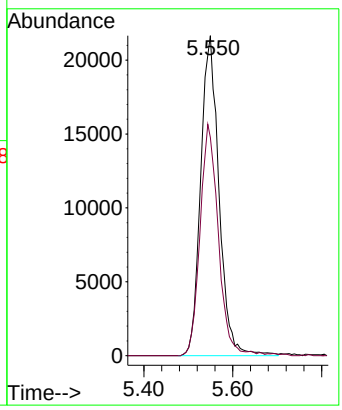


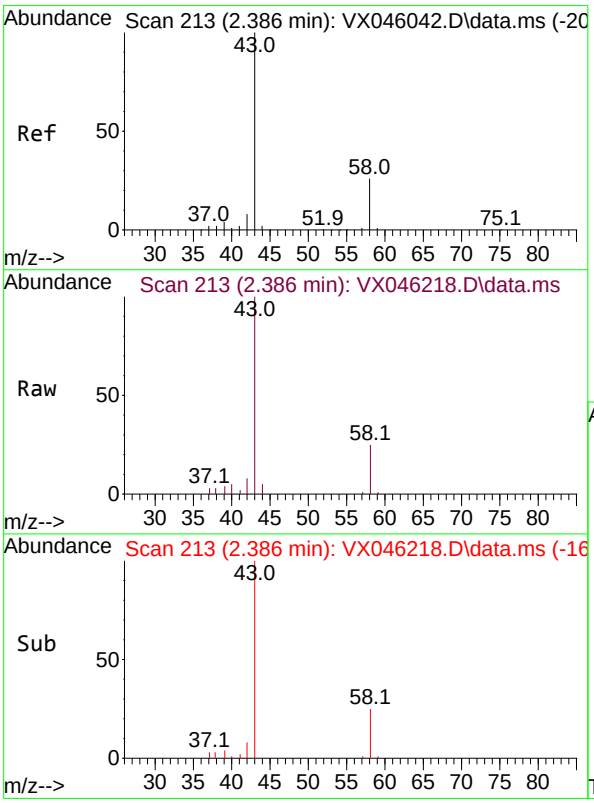
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046218.D
Acq: 15 May 2025 16:54

Instrument :
MSVOA_X
ClientSampleId :
L3-WC-4

Tgt Ion:168 Resp: 62053

Ion	Ratio	Lower	Upper
168	100		
99	68.2	54.9	82.3

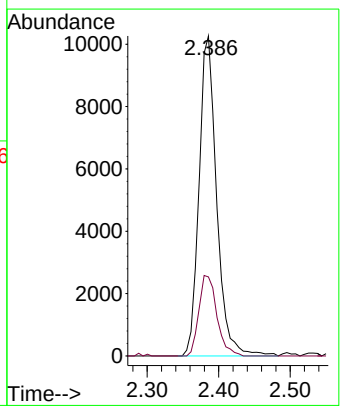


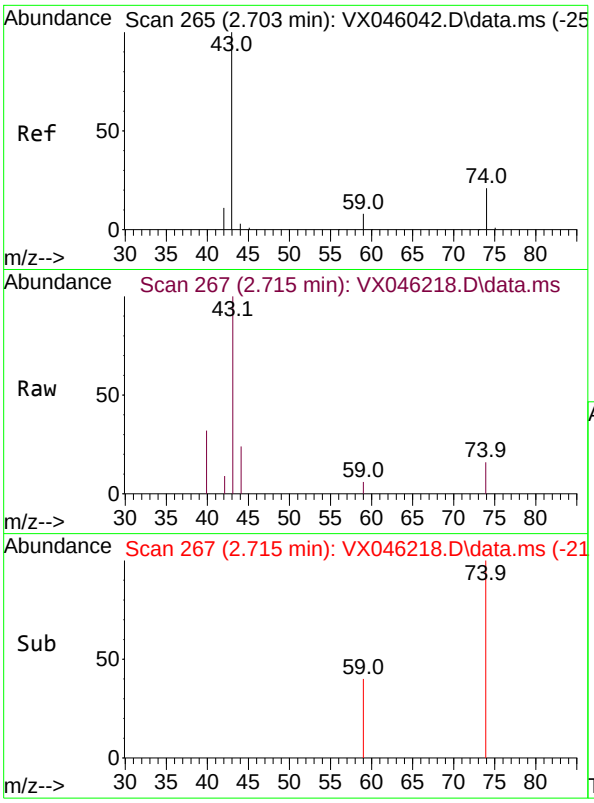


#16
Acetone
Concen: 37.833 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046218.D
Acq: 15 May 2025 16:54

Tgt Ion: 43 Resp: 17549

Ion	Ratio	Lower	Upper
43	100		
58	24.7	21.2	31.8



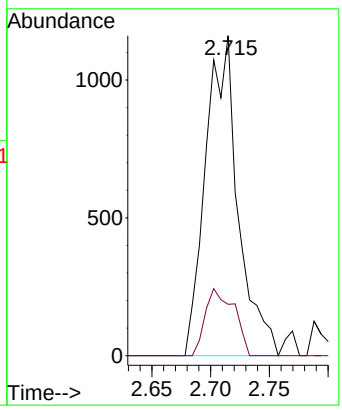


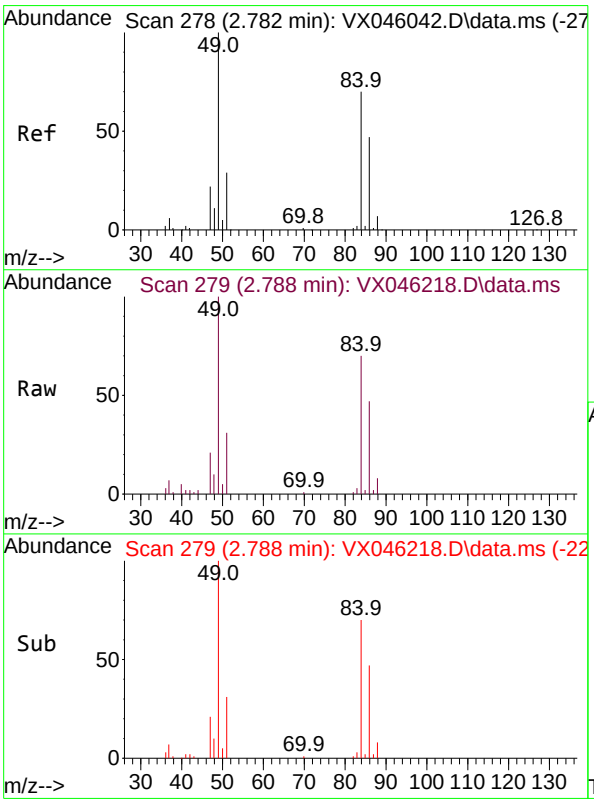
#18
Methyl Acetate
Concen: 2.073 ug/l
RT: 2.715 min Scan# 2
Delta R.T. 0.012 min
Lab File: VX046218.D
Acq: 15 May 2025 16:54

Instrument :
MSVOA_X
ClientSampleId :
L3-WC-4

Tgt Ion: 43 Resp: 2231

Ion	Ratio	Lower	Upper
43	100		
74	18.6	16.7	25.1

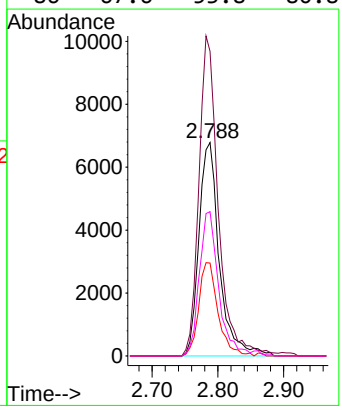


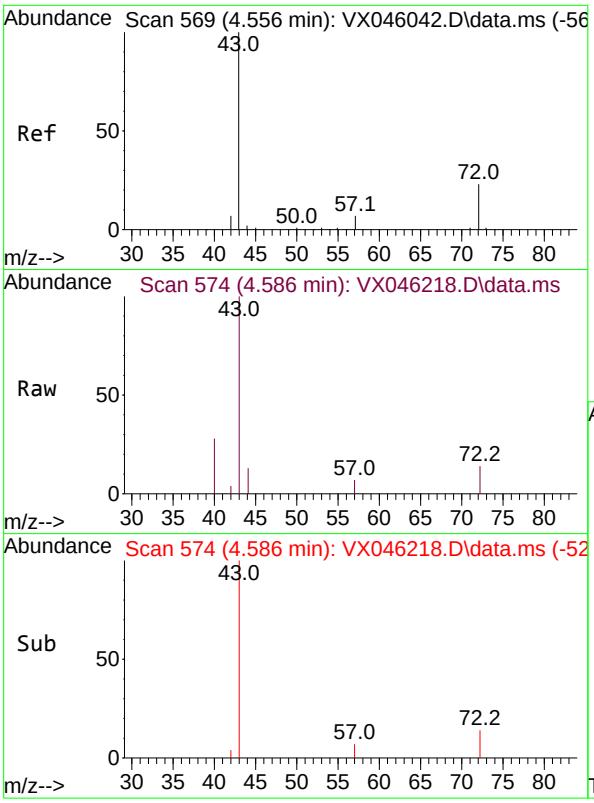


#20
Methylene Chloride
Concen: 16.455 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046218.D
Acq: 15 May 2025 16:54

Tgt Ion: 84 Resp: 14627

Ion	Ratio	Lower	Upper
84	100		
49	142.8	113.9	170.9
51	43.6	33.5	50.3
86	67.6	53.8	80.8



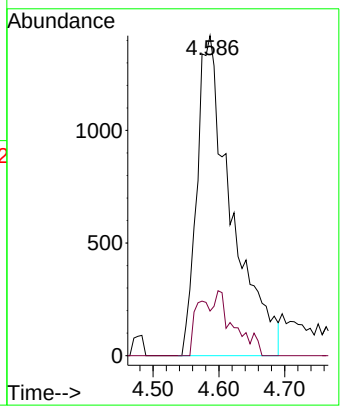


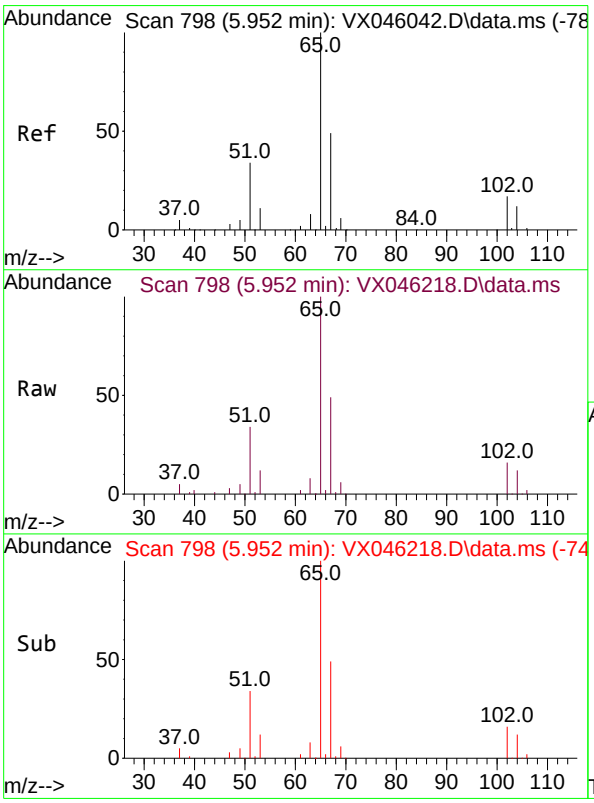
#25
2-Butanone
Concen: 7.676 ug/l
RT: 4.586 min Scan# 5
Delta R.T. 0.030 min
Lab File: VX046218.D
Acq: 15 May 2025 16:54

Instrument :
MSVOA_X
ClientSampleId :
L3-WC-4

Tgt Ion: 43 Resp: 5169

Ion	Ratio	Lower	Upper
43	100		
72	13.9	18.4	27.6#

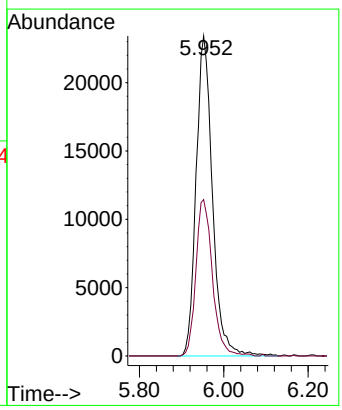


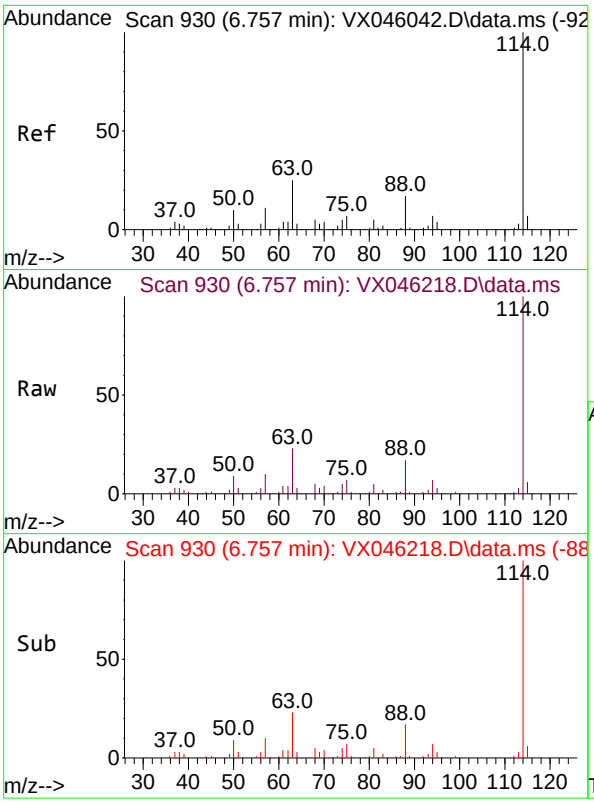


#33
1,2-Dichloroethane-d4
Concen: 54.597 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046218.D
Acq: 15 May 2025 16:54

Tgt Ion: 65 Resp: 63161

Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	99.0



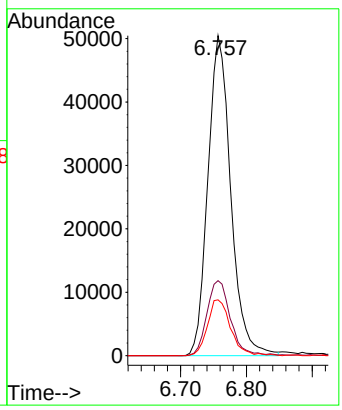


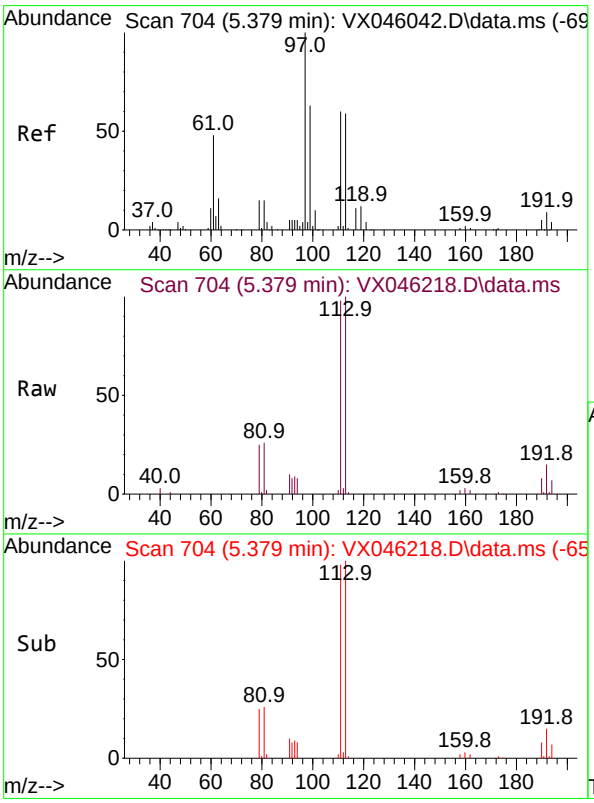
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046218.D
Acq: 15 May 2025 16:54

Instrument :
MSVOA_X
ClientSampleId :
L3-WC-4

Tgt Ion:114 Resp: 122291

Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	49.2
88	17.5	0.0	33.6

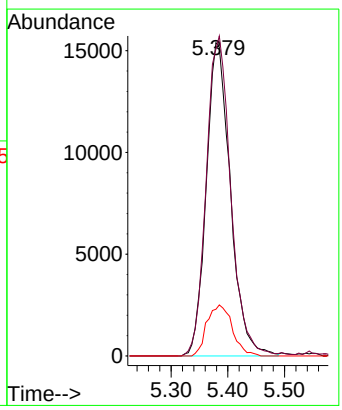


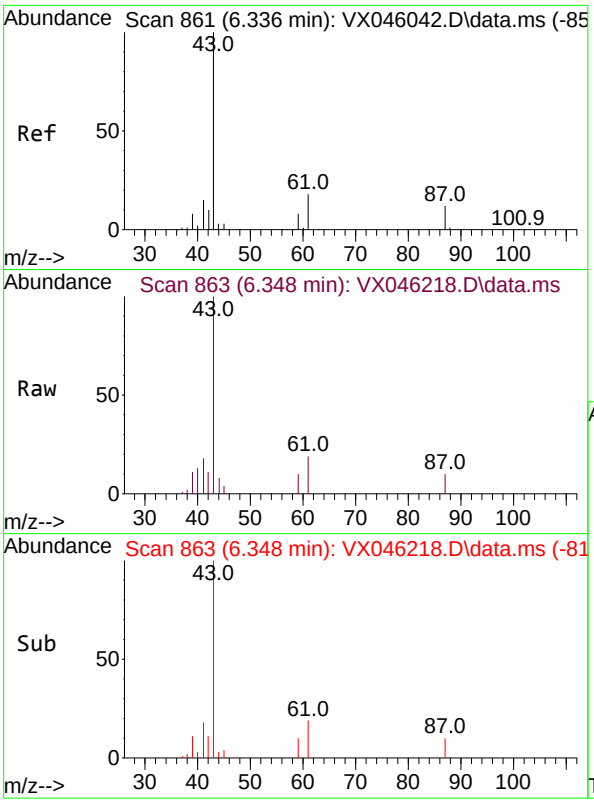


#35
Dibromofluoromethane
Concen: 51.797 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046218.D
Acq: 15 May 2025 16:54

Tgt Ion:113 Resp: 45614

Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.1	124.7
192	17.1	13.3	19.9



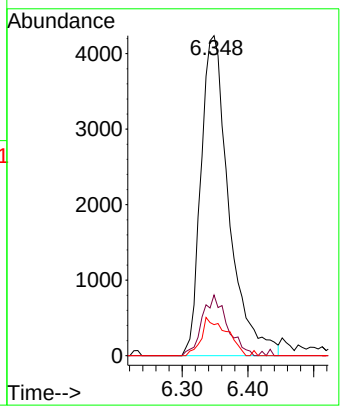


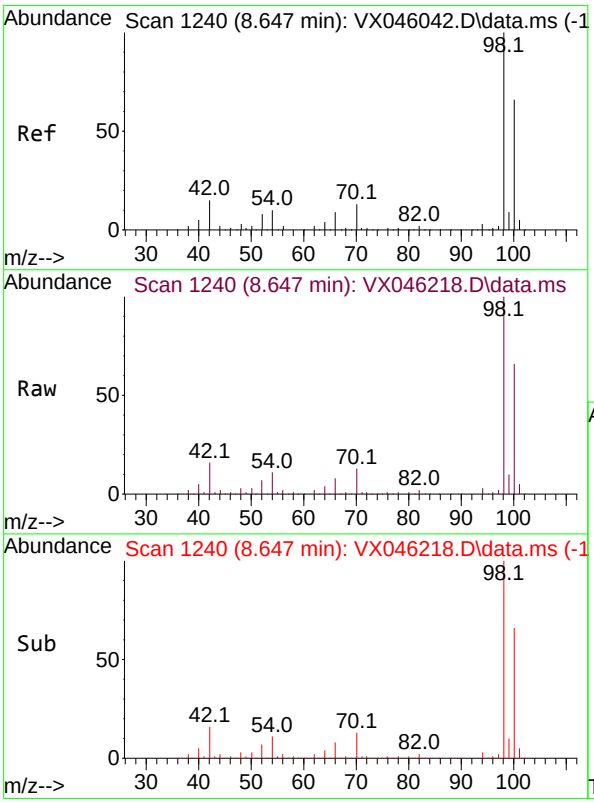
#43
Isopropyl Acetate
Concen: 5.627 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.012 min
Lab File: VX046218.D
Acq: 15 May 2025 16:54

Instrument :
MSVOA_X
ClientSampleId :
L3-WC-4

Tgt Ion: 43 Resp: 12548

Ion	Ratio	Lower	Upper
43	100		
61	17.1	14.3	21.5
87	10.8	9.5	14.3

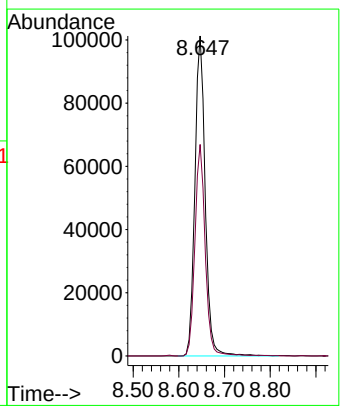


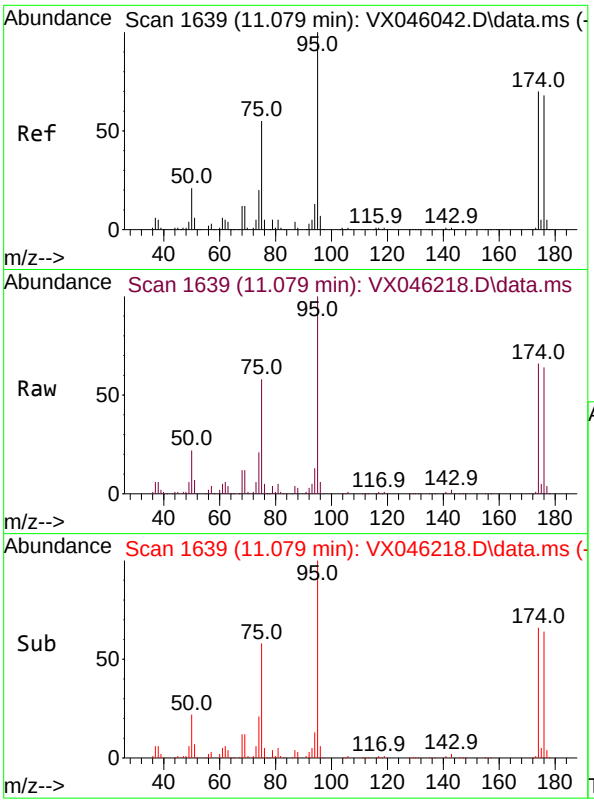


#50
Toluene-d8
Concen: 52.245 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046218.D
Acq: 15 May 2025 16:54

Tgt Ion: 98 Resp: 159242

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.5	80.3



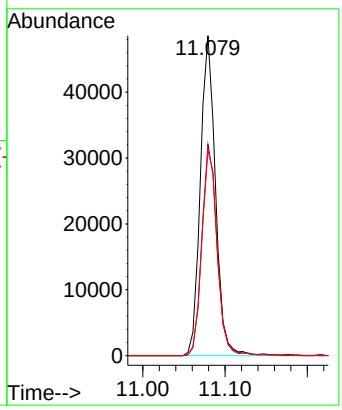


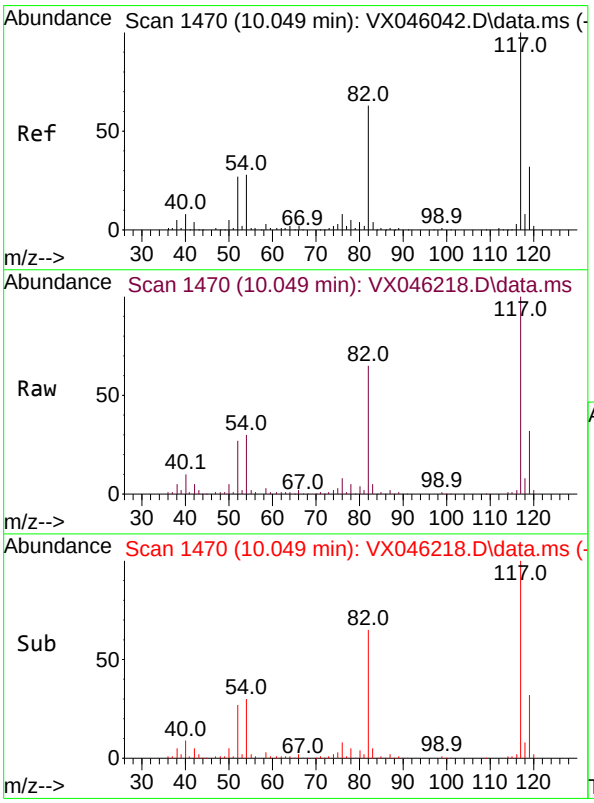
#62
4-Bromofluorobenzene
Concen: 53.224 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046218.D
Acq: 15 May 2025 16:54

Instrument :
MSVOA_X
ClientSampleId :
L3-WC-4

Tgt Ion: 95 Resp: 62227

Ion	Ratio	Lower	Upper
95	100		
174	66.6	0.0	135.8
176	65.6	0.0	131.4

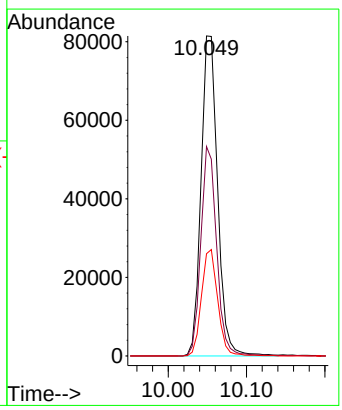


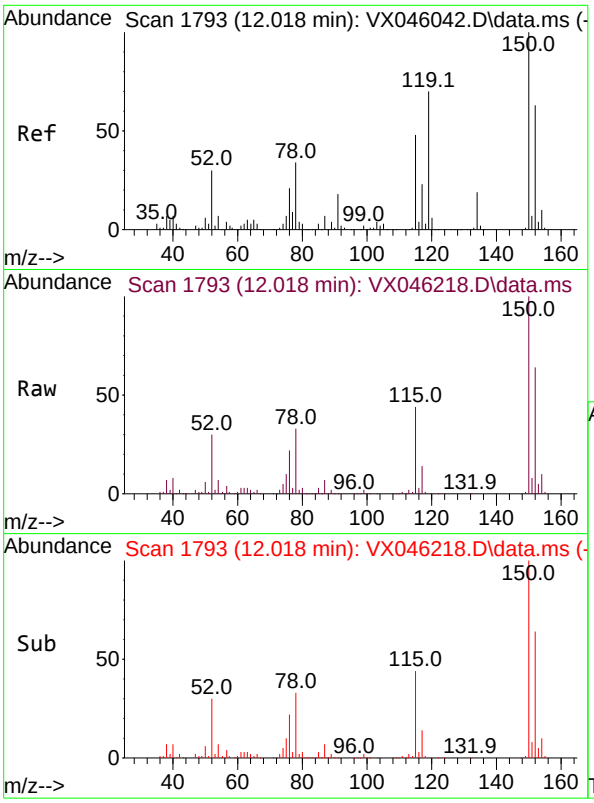


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046218.D
Acq: 15 May 2025 16:54

Tgt Ion:117 Resp: 119697

Ion	Ratio	Lower	Upper
117	100		
82	65.4	50.6	76.0
119	31.9	25.8	38.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046218.D
Acq: 15 May 2025 16:54

Instrument :
MSVOA_X
ClientSampleId :
L3-WC-4

Tgt Ion:152 Resp: 52624

Ion	Ratio	Lower	Upper
152	100		
115	66.8	46.9	140.7
150	155.9	0.0	351.0