Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050825\
Data File : VX046087.D
Acq On : 08 May 2025 13:42
Operator : JC/MD
Sample : Q1964-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-LL

Quant Time: May 09 01:56:56 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	62836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125443	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	118895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51441	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61471	52.474	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.940%			
35) Dibromofluoromethane	5.379	113	45037	49.857	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.720%			
50) Toluene-d8	8.647	98	155702	49.800	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.600%			
62) 4-Bromofluorobenzene	11.079	95	61274	51.092	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.180%			
Target Compounds						Qvalue
16) Acetone	2.380	43	30748	65.463	ug/l	96
18) Methyl Acetate	2.703	43	1848	1.695	ug/l #	86
20) Methylene Chloride	2.788	84	2476	2.751	ug/l #	91
25) 2-Butanone	4.580	43	5582	8.186	ug/l	93
43) Isopropyl Acetate	6.348	43	10702	4.678	ug/l #	94

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

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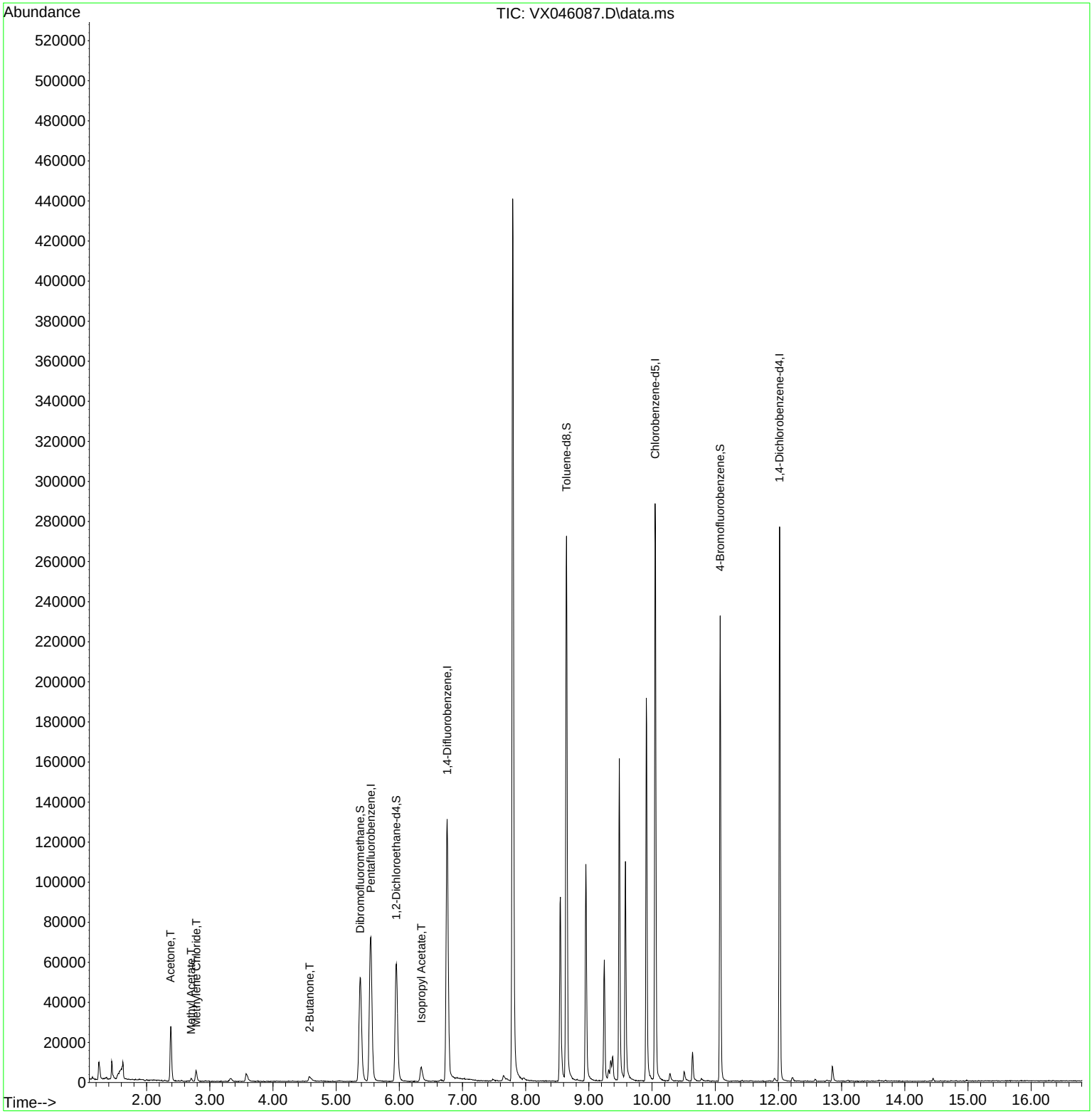
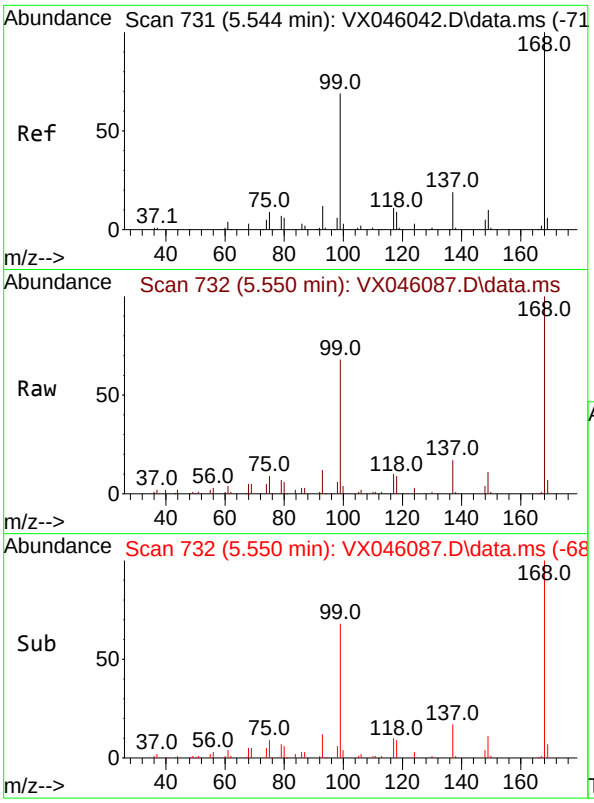


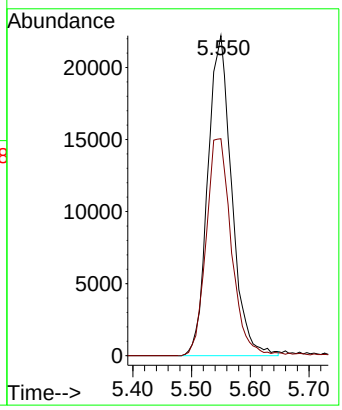


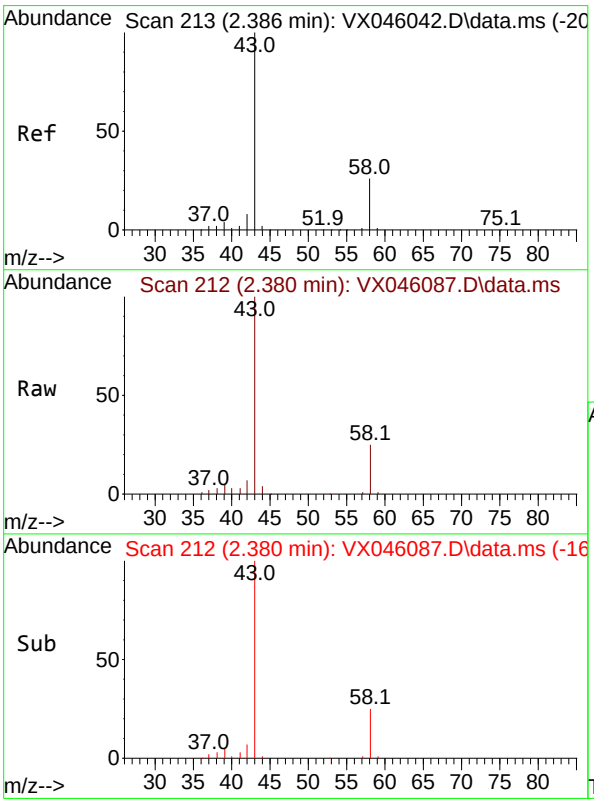
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046087.D
Acq: 08 May 2025 13:42

Instrument :
MSVOA_X
ClientSampleId :
MH-LL

Tgt Ion:168 Resp: 62836

Ion	Ratio	Lower	Upper
168	100		
99	67.8	54.9	82.3

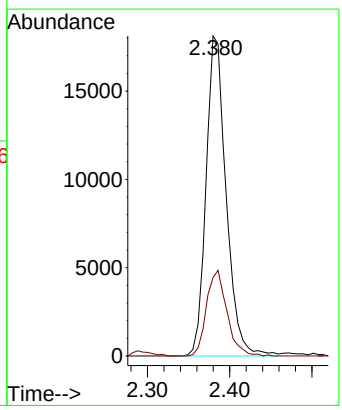


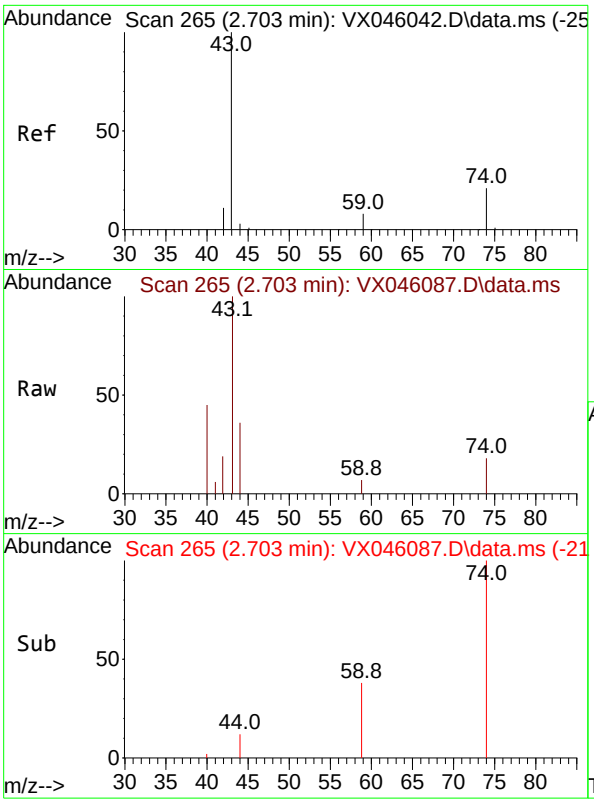


#16
Acetone
Concen: 65.463 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046087.D
Acq: 08 May 2025 13:42

Tgt Ion: 43 Resp: 30748

Ion	Ratio	Lower	Upper
43	100		
58	24.6	21.2	31.8



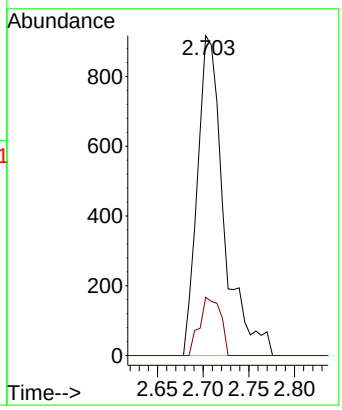


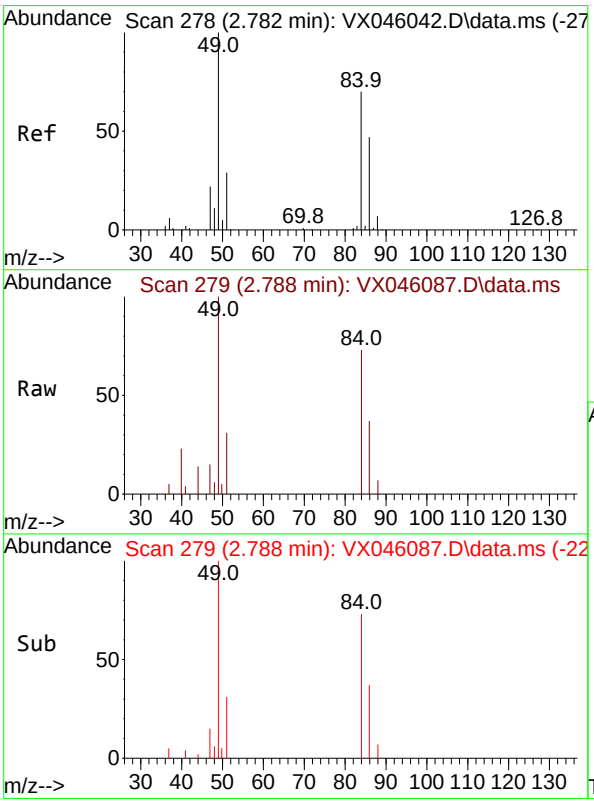
#18
Methyl Acetate
Concen: 1.695 ug/l
RT: 2.703 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046087.D
Acq: 08 May 2025 13:42

Instrument :
MSVOA_X
ClientSampleId :
MH-LL

Tgt Ion: 43 Resp: 1848

Ion	Ratio	Lower	Upper
43	100		
74	14.4	16.7	25.1#

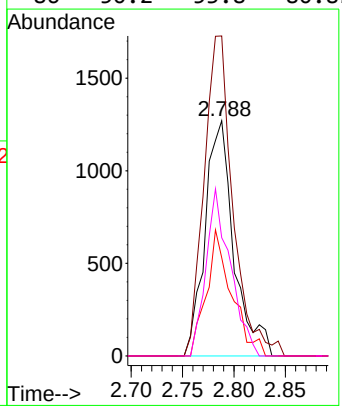


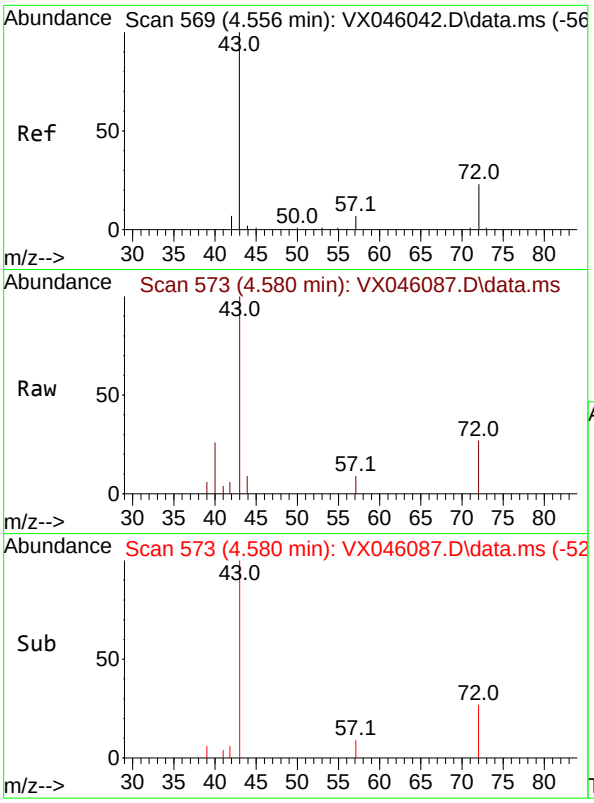


#20
Methylene Chloride
Concen: 2.751 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046087.D
Acq: 08 May 2025 13:42

Tgt Ion: 84 Resp: 2476

Ion	Ratio	Lower	Upper
84	100		
49	136.1	113.9	170.9
51	41.7	33.5	50.3
86	50.2	53.8	80.8#



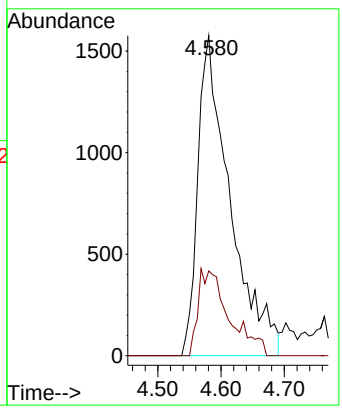


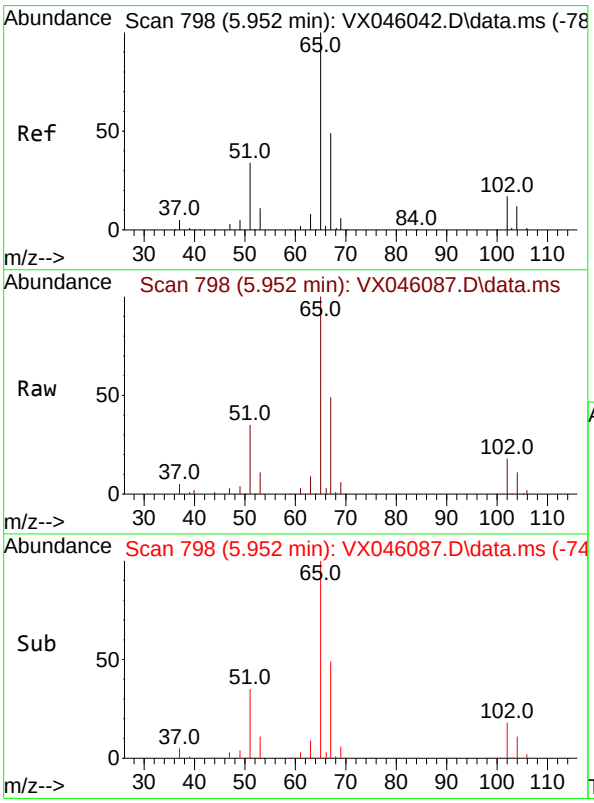
#25
2-Butanone
Concen: 8.186 ug/l
RT: 4.580 min Scan# 5
Delta R.T. 0.024 min
Lab File: VX046087.D
Acq: 08 May 2025 13:42

Instrument :
MSVOA_X
ClientSampleId :
MH-LL

Tgt Ion: 43 Resp: 5582

Ion	Ratio	Lower	Upper
43	100		
72	26.5	18.4	27.6

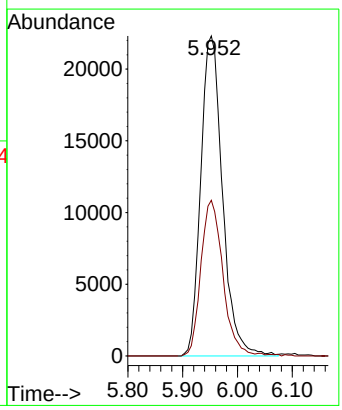


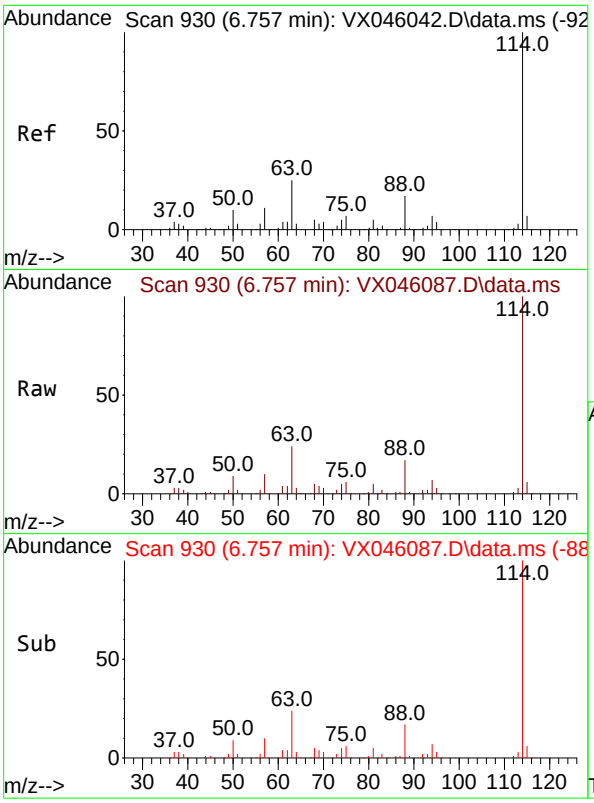


#33
1,2-Dichloroethane-d4
Concen: 52.474 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX046087.D
Acq: 08 May 2025 13:42

Tgt Ion: 65 Resp: 61471

Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	99.0



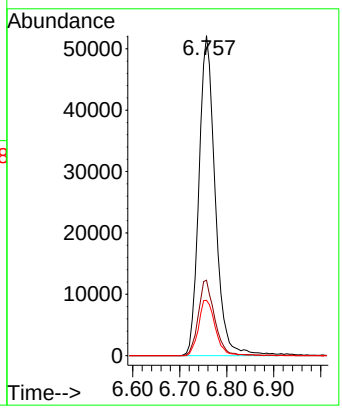


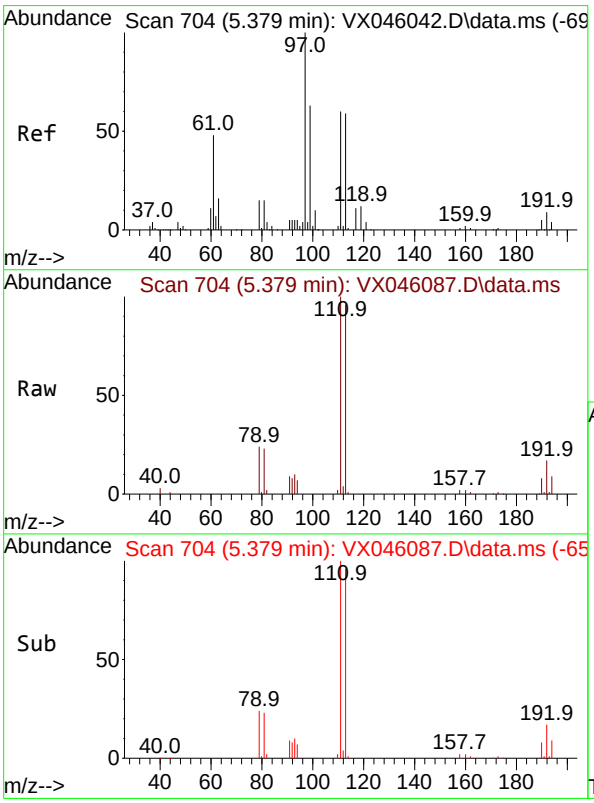
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046087.D
Acq: 08 May 2025 13:42

Instrument :
MSVOA_X
ClientSampleId :
MH-LL

Tgt Ion:114 Resp: 125443

Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	49.2
88	17.3	0.0	33.6

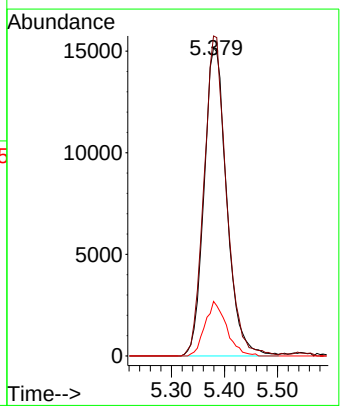


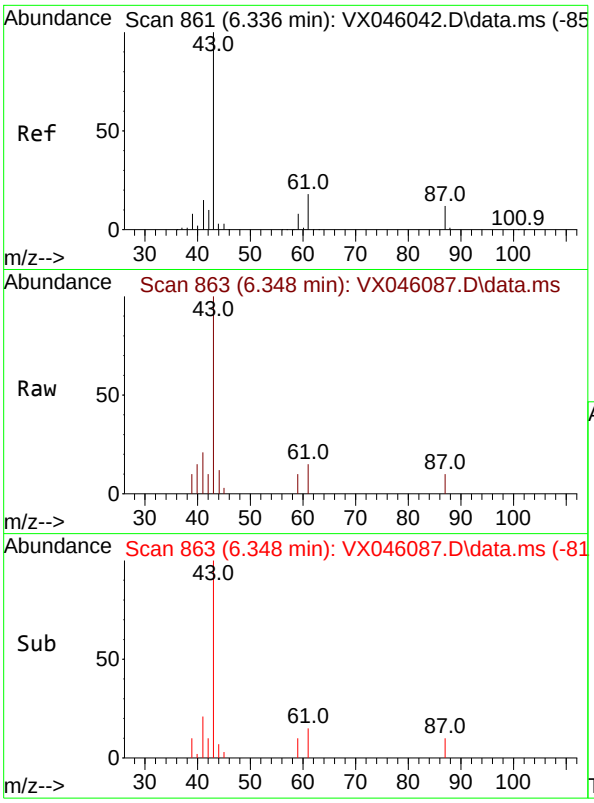


#35
Dibromofluoromethane
Concen: 49.857 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046087.D
Acq: 08 May 2025 13:42

Tgt Ion:113 Resp: 45037

Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.1	124.7
192	16.9	13.3	19.9



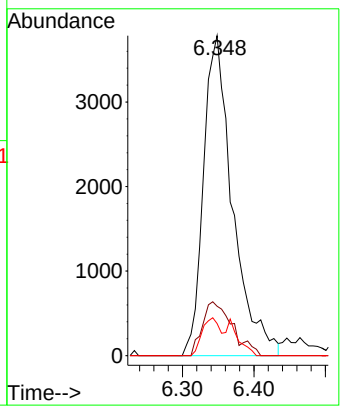


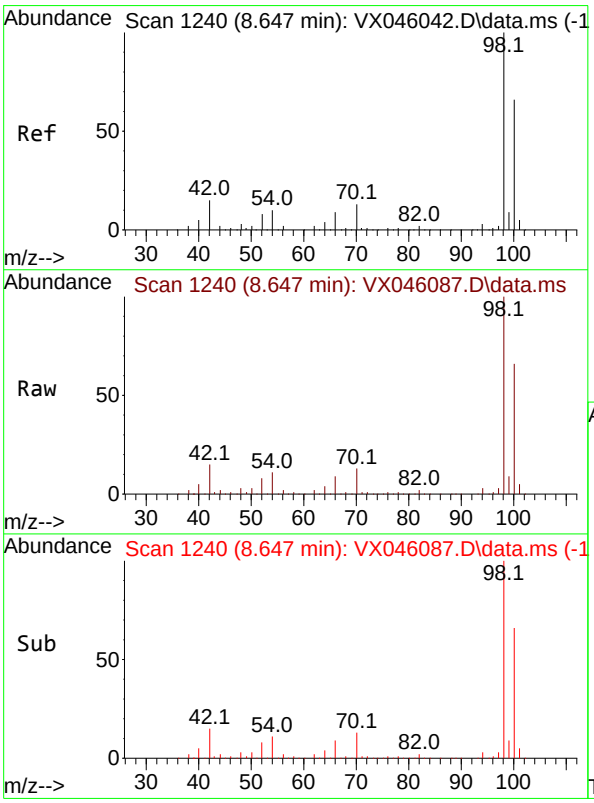
#43
Isopropyl Acetate
Concen: 4.678 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.012 min
Lab File: VX046087.D
Acq: 08 May 2025 13:42

Instrument :
MSVOA_X
ClientSampleId :
MH-LL

Tgt Ion: 43 Resp: 10702

Ion	Ratio	Lower	Upper
43	100		
61	17.3	14.3	21.5
87	7.2	9.5	14.3#

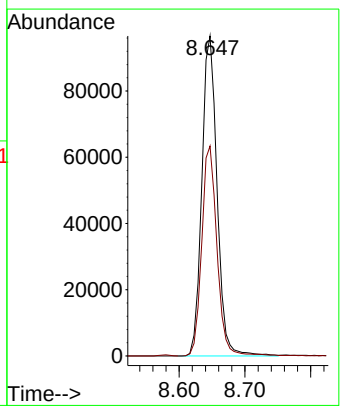


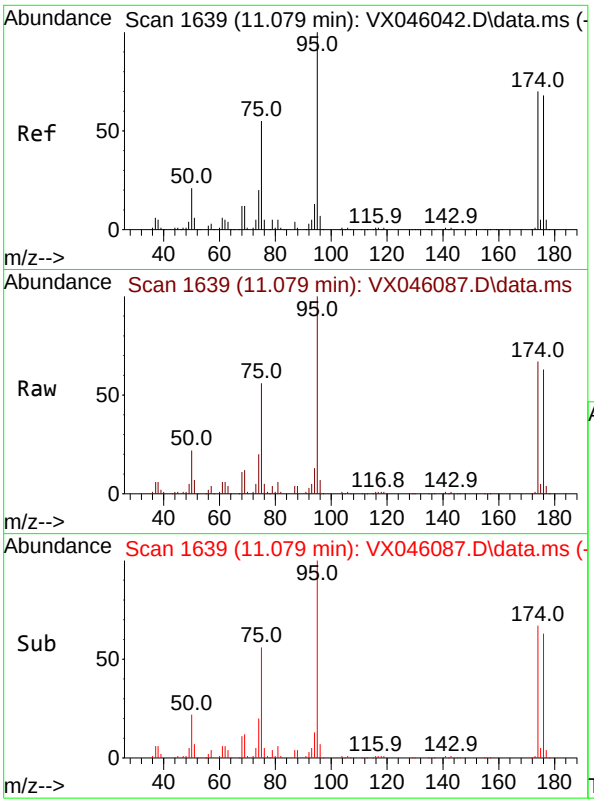


#50
Toluene-d8
Concen: 49.800 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046087.D
Acq: 08 May 2025 13:42

Tgt Ion: 98 Resp: 155702

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.5	80.3



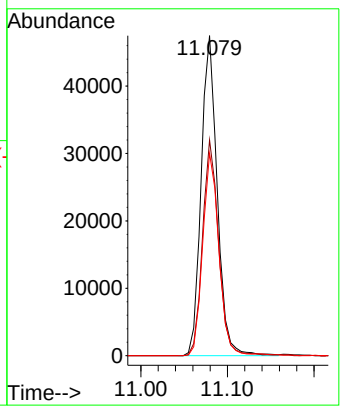


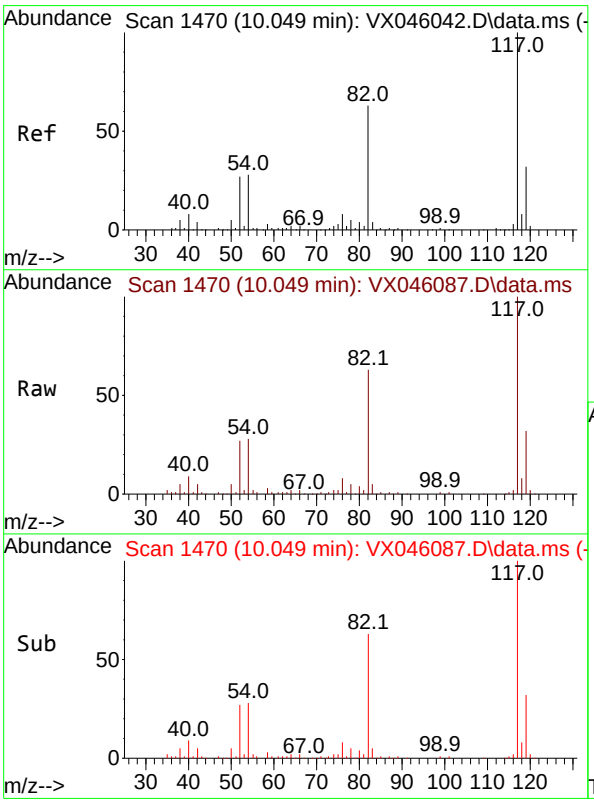
#62
4-Bromofluorobenzene
Concen: 51.092 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046087.D
Acq: 08 May 2025 13:42

Instrument :
MSVOA_X
ClientSampleId :
MH-LL

Tgt Ion: 95 Resp: 61274

Ion	Ratio	Lower	Upper
95	100		
174	67.4	0.0	135.8
176	63.9	0.0	131.4

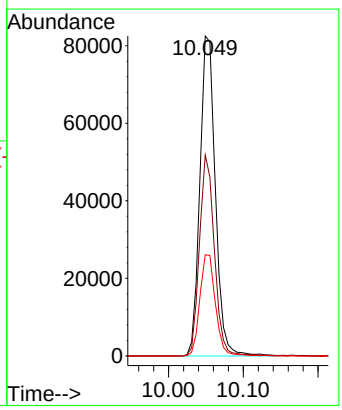


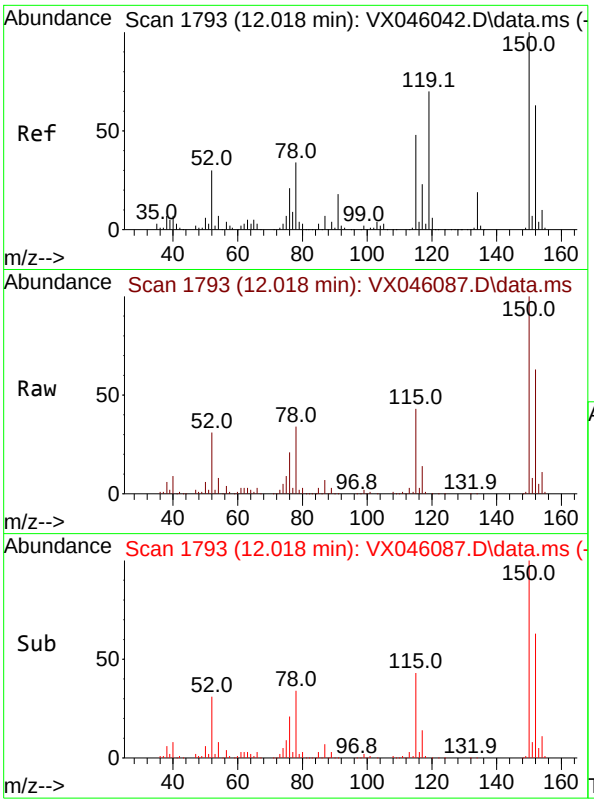


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046087.D
Acq: 08 May 2025 13:42

Tgt Ion:117 Resp: 118895

Ion	Ratio	Lower	Upper
117	100		
82	62.8	50.6	76.0
119	31.6	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: VX046087.D
Acq: 08 May 2025 13:42

Instrument :
MSVOA_X
ClientSampleId :
MH-LL

Tgt Ion:152 Resp: 51441

Ion	Ratio	Lower	Upper
152	100		
115	65.1	46.9	140.7
150	154.6	0.0	351.0