Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030625\
Data File : VX045167.D
Acq On : 06 Mar 2025 14:43
Operator : JC/MD
Sample : Q1501-04RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-030525RE

Quant Time: Mar 07 02:57:05 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	5.550	168	75979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	147971	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	137883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62306	51.554	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.100%			
35) Dibromofluoromethane	5.379	113	31722	32.060	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 64.120%#			
50) Toluene-d8	8.647	98	182099	50.765	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.540%			
62) 4-Bromofluorobenzene	11.079	95	64082	53.912	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.820%			
Target Compounds						Qvalue
16) Acetone	2.379	43	25436	45.362	ug/l	100
18) Methyl Acetate	2.709	43	1458	1.081	ug/l	92
20) Methylene Chloride	2.794	84	548	0.493	ug/l #	78
25) 2-Butanone	4.580	43	4121	4.882	ug/l #	88
52) Toluene	8.720	92	25294	10.061	ug/l	98

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

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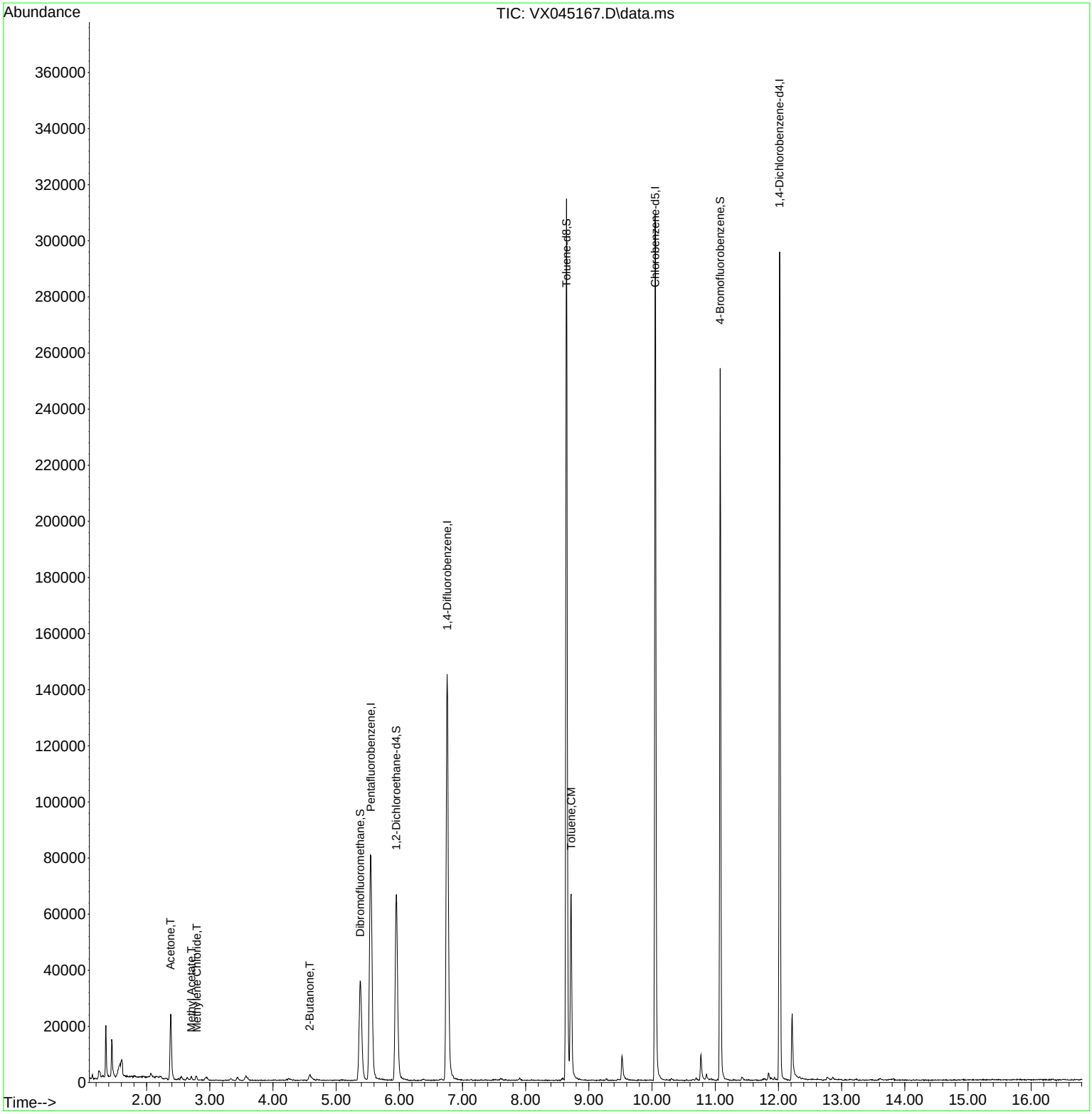
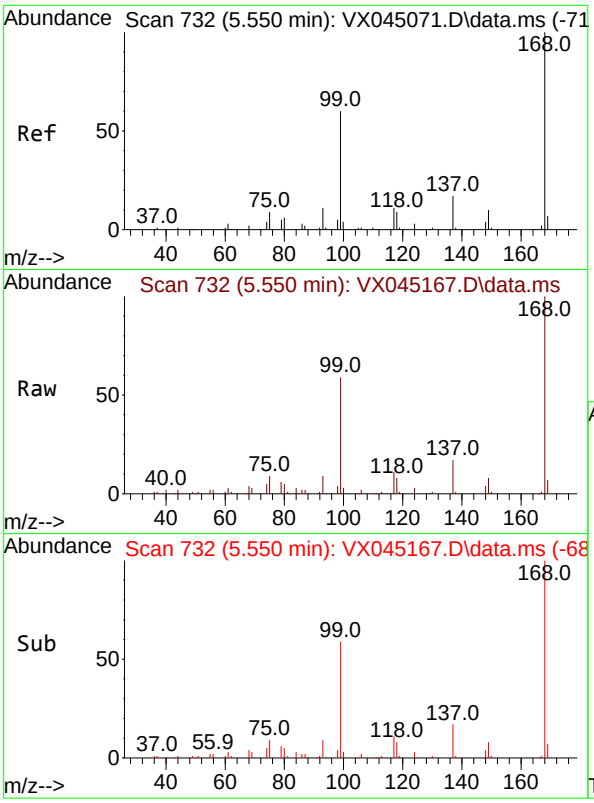


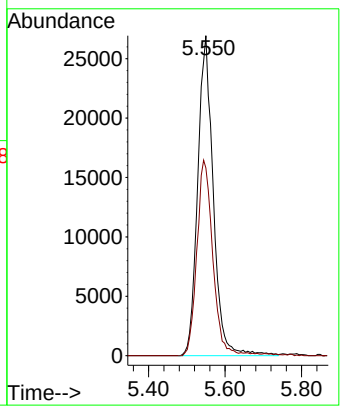


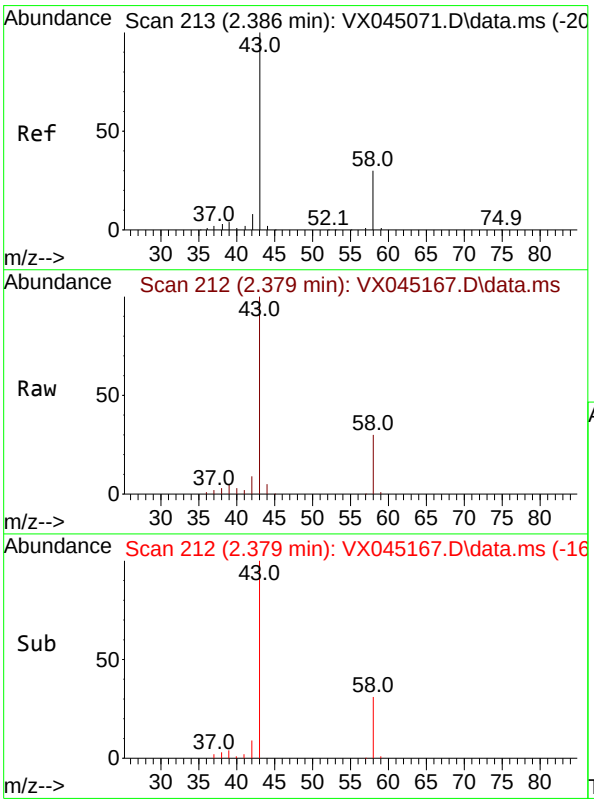
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045167.D
Acq: 06 Mar 2025 14:43

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-030525RE

Tgt Ion:168 Resp: 75979

Ion	Ratio	Lower	Upper
168	100		
99	58.7	48.2	72.4

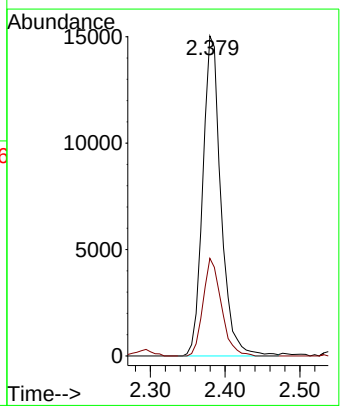


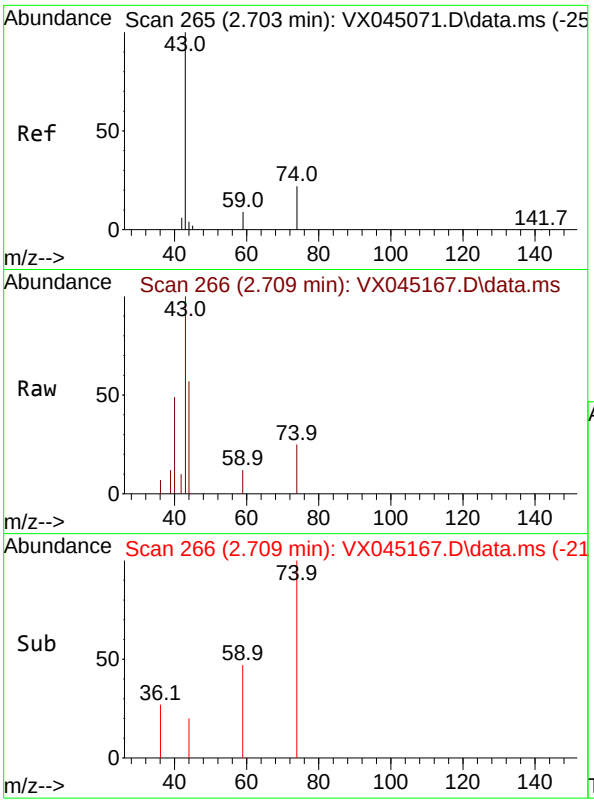


#16
Acetone
Concen: 45.362 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045167.D
Acq: 06 Mar 2025 14:43

Tgt Ion: 43 Resp: 25436

Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.2	36.4



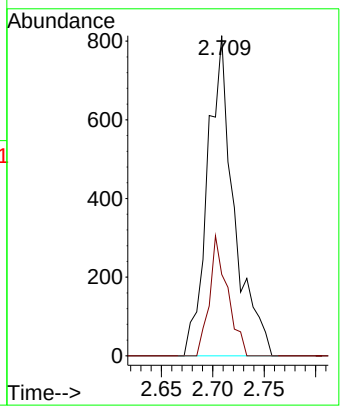


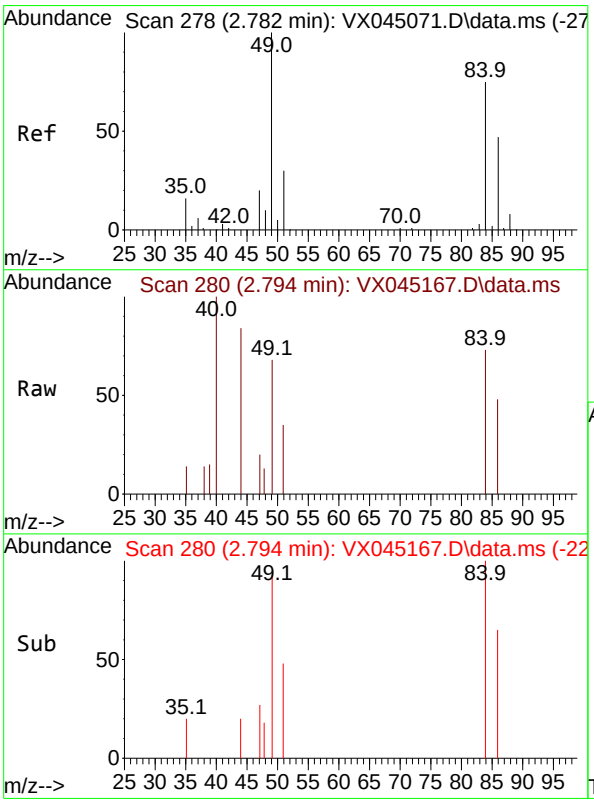
#18
Methyl Acetate
Concen: 1.081 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045167.D
Acq: 06 Mar 2025 14:43

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-030525RE

Tgt Ion: 43 Resp: 1458

Ion	Ratio	Lower	Upper
43	100		
74	25.4	17.4	26.2

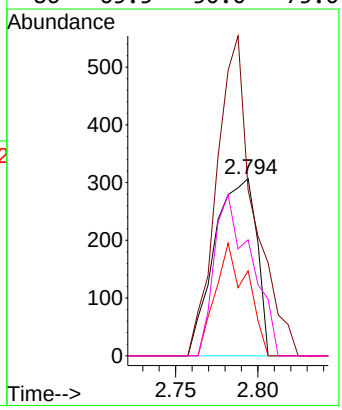


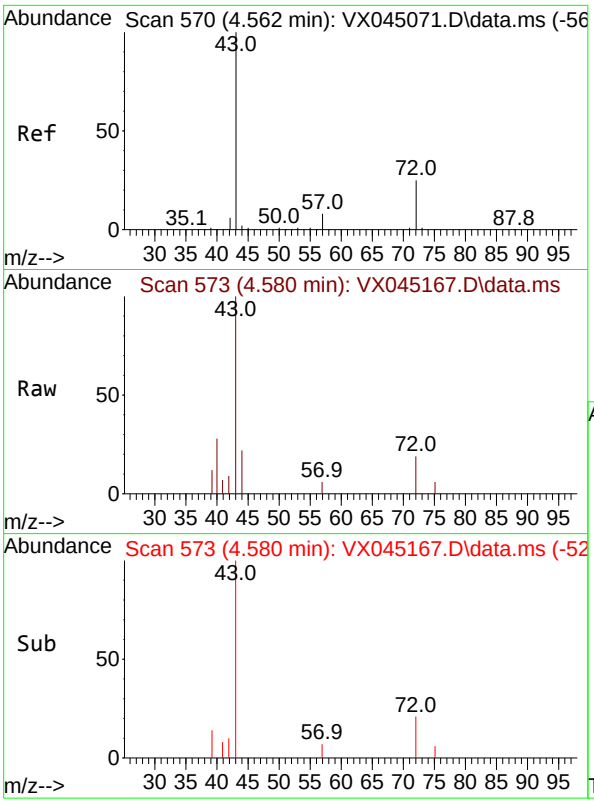


#20
Methylene Chloride
Concen: 0.493 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.012 min
Lab File: VX045167.D
Acq: 06 Mar 2025 14:43

Tgt Ion: 84 Resp: 548

Ion	Ratio	Lower	Upper
84	100		
49	93.5	106.5	159.7#
51	47.9	32.1	48.1
86	65.5	50.0	75.0



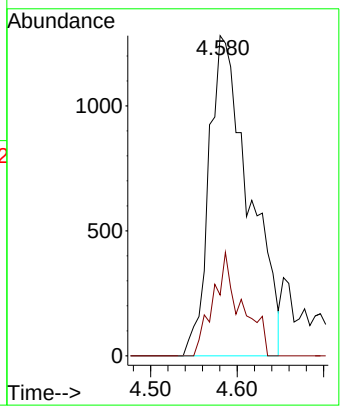


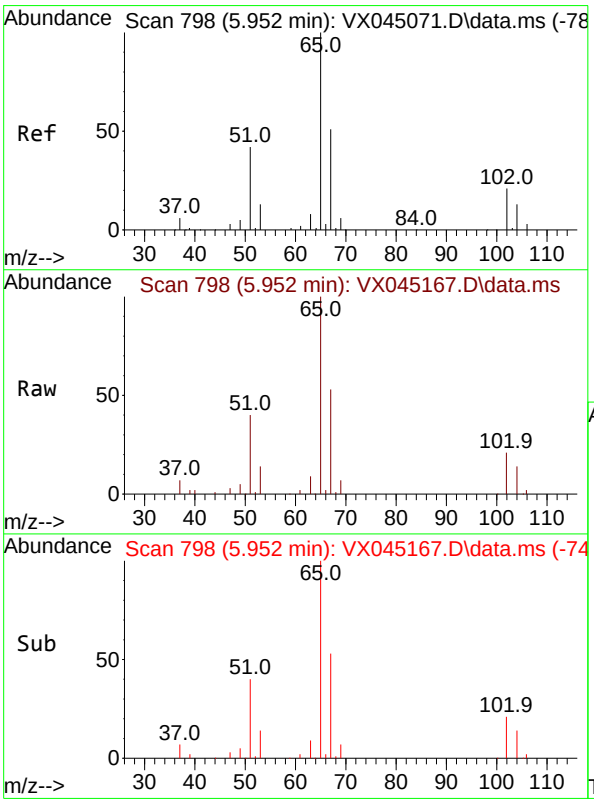
#25
2-Butanone
Concen: 4.882 ug/l
RT: 4.580 min Scan# 5
Delta R.T. 0.018 min
Lab File: VX045167.D
Acq: 06 Mar 2025 14:43

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-030525RE

Tgt Ion: 43 Resp: 4121

Ion	Ratio	Lower	Upper
43	100		
72	19.0	20.0	30.0#

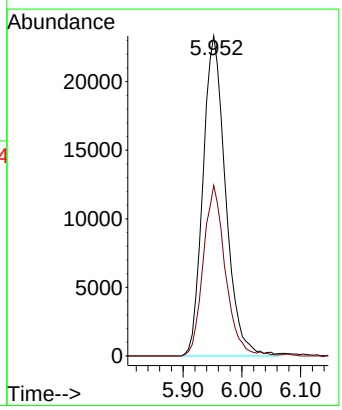


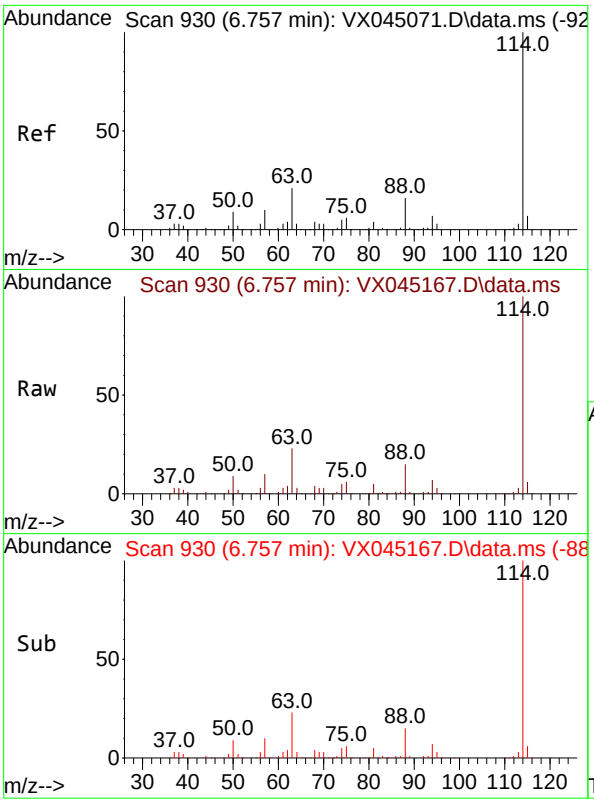


#33
1,2-Dichloroethane-d4
Concen: 51.554 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045167.D
Acq: 06 Mar 2025 14:43

Tgt Ion: 65 Resp: 62306

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	106.2



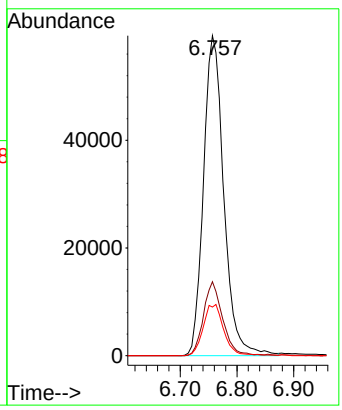


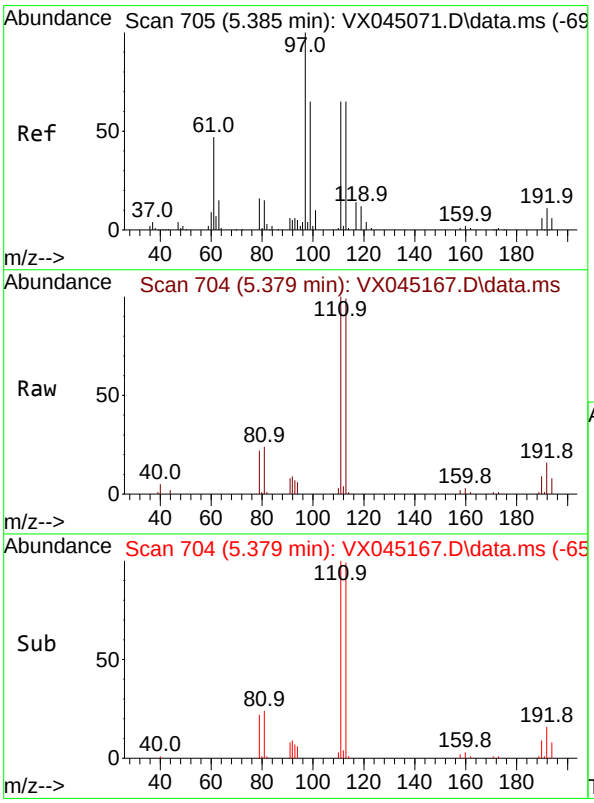
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX045167.D
Acq: 06 Mar 2025 14:43

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-030525RE

Tgt Ion:114 Resp: 147971

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	41.8
88	15.2	0.0	32.8

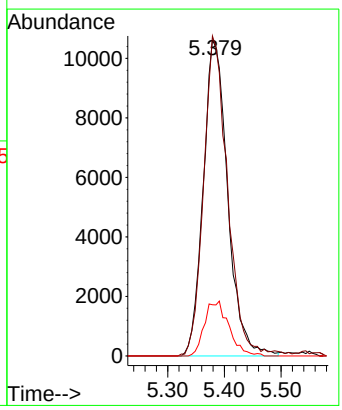


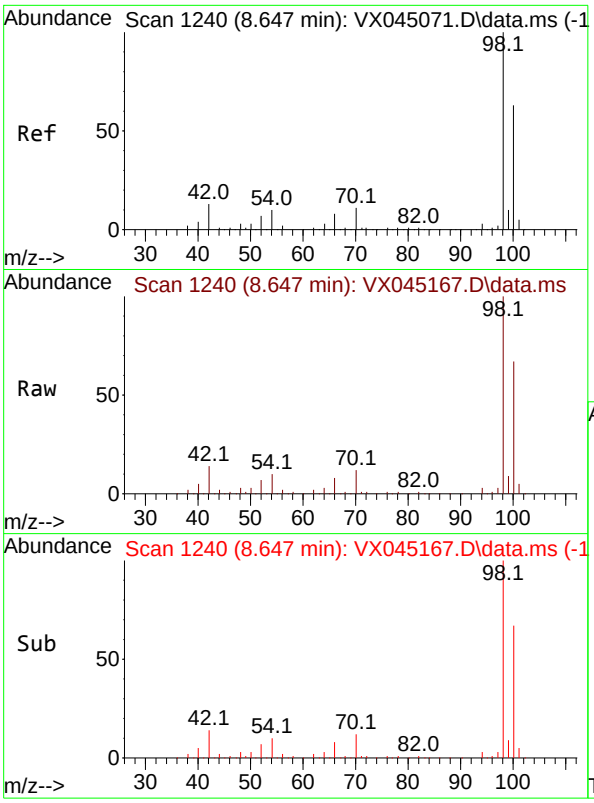


#35
Dibromofluoromethane
Concen: 32.060 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045167.D
Acq: 06 Mar 2025 14:43

Tgt Ion:113 Resp: 31722

Ion	Ratio	Lower	Upper
113	100		
111	99.2	81.8	122.6
192	17.4	14.3	21.5



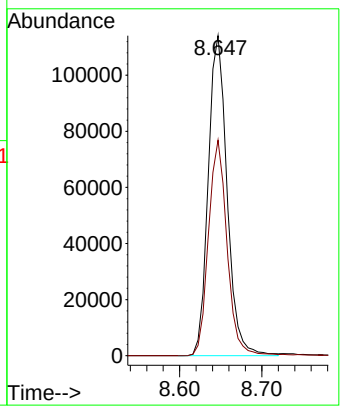


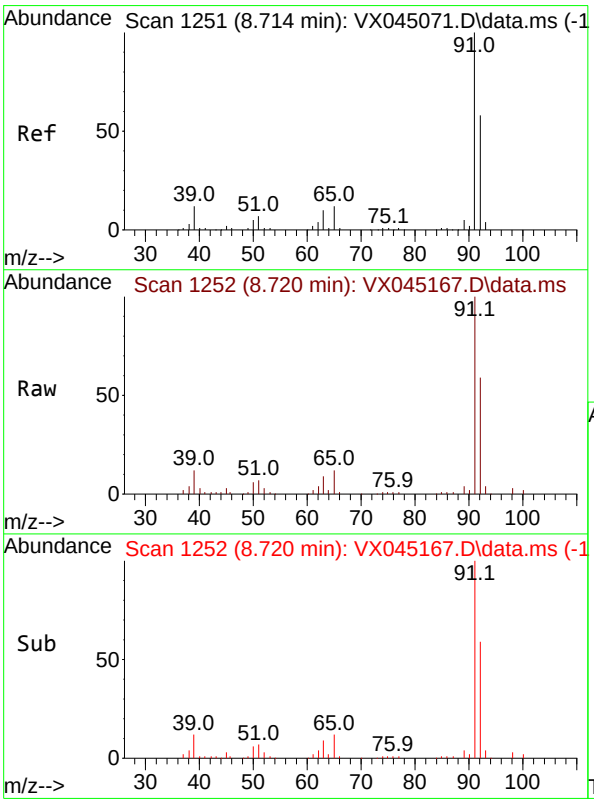
#50
Toluene-d8
Concen: 50.765 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045167.D
Acq: 06 Mar 2025 14:43

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-030525RE

Tgt Ion: 98 Resp: 182099

Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.0	78.0

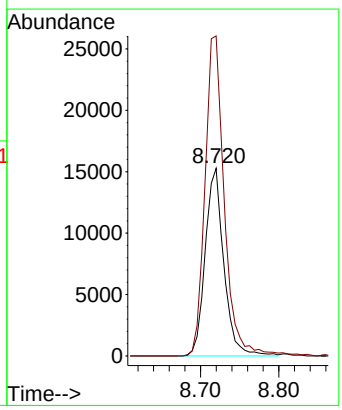


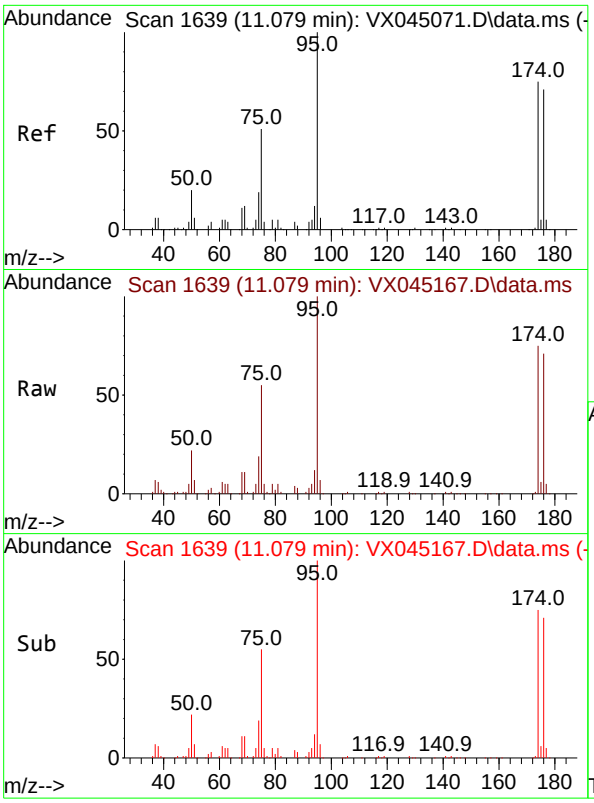


#52
Toluene
Concen: 10.061 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX045167.D
Acq: 06 Mar 2025 14:43

Tgt Ion: 92 Resp: 25294

Ion	Ratio	Lower	Upper
92	100		
91	176.8	138.9	208.3



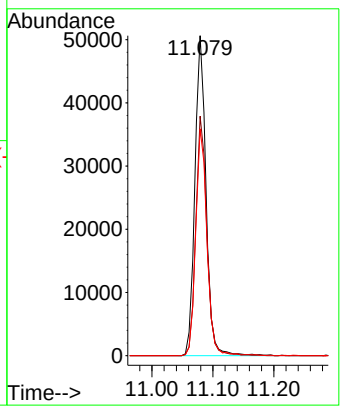


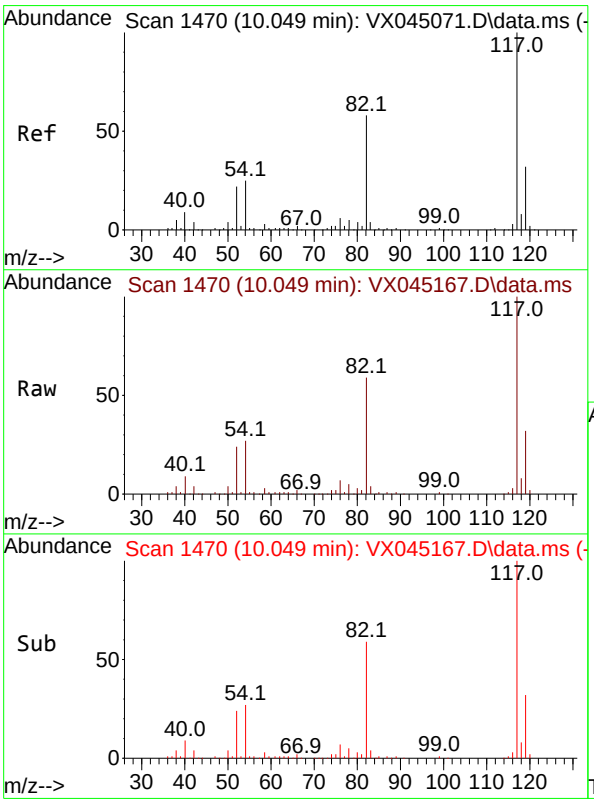
#62
4-Bromofluorobenzene
Concen: 53.912 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045167.D
Acq: 06 Mar 2025 14:43

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-030525RE

Tgt Ion: 95 Resp: 64082

Ion	Ratio	Lower	Upper
95	100		
174	74.5	0.0	148.2
176	71.4	0.0	141.4

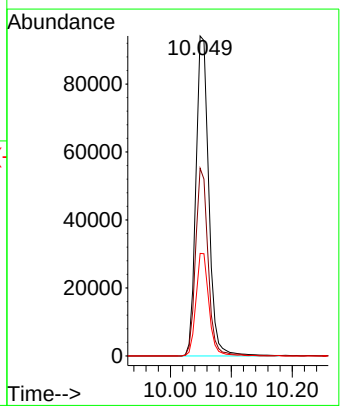


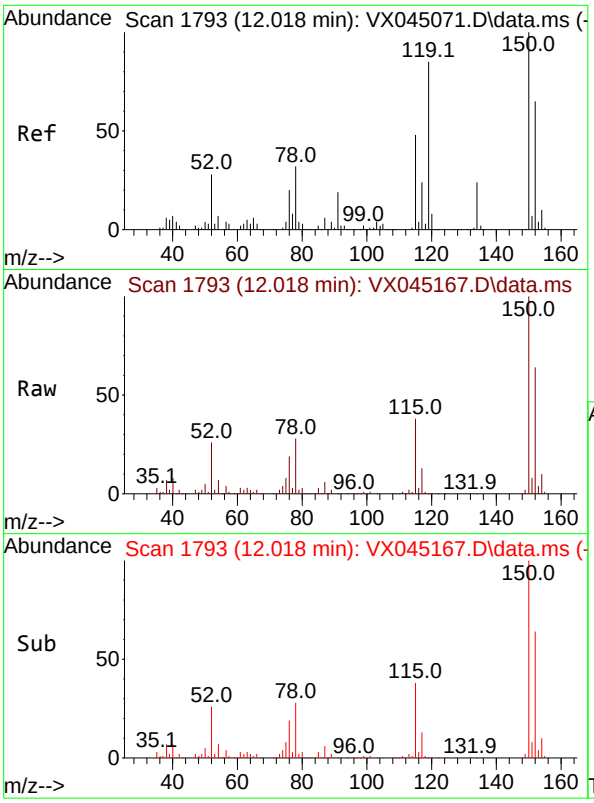


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045167.D
Acq: 06 Mar 2025 14:43

Tgt Ion:117 Resp: 137883

Ion	Ratio	Lower	Upper
117	100		
82	58.7	46.3	69.5
119	32.0	25.7	38.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045167.D
Acq: 06 Mar 2025 14:43

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-030525RE

Tgt Ion:152 Resp: 58504

Ion	Ratio	Lower	Upper
152	100		
115	61.3	44.2	132.6
150	155.7	0.0	349.0