Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051625\
Data File : VX046250.D
Acq On : 16 May 2025 18:02
Operator : JC/MD
Sample : Q2072-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Quant Time: May 16 23:09:32 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	59308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	118728	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61032	55.198	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.400%			
35) Dibromofluoromethane	5.385	113	44197	51.694	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.380%			
50) Toluene-d8	8.647	98	149904	50.658	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.320%			
62) 4-Bromofluorobenzene	11.079	95	57383	50.554	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.100%			
Target Compounds						Qvalue
16) Acetone	2.379	43	4166	9.397	ug/l	99
31) Cyclohexane	5.464	56	1805	1.370	ug/l #	82
73) Isopropylbenzene	10.963	105	4200	1.101	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	869	0.269	ug/l	86
85) sec-Butylbenzene	11.890	105	8519	2.162	ug/l	94

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

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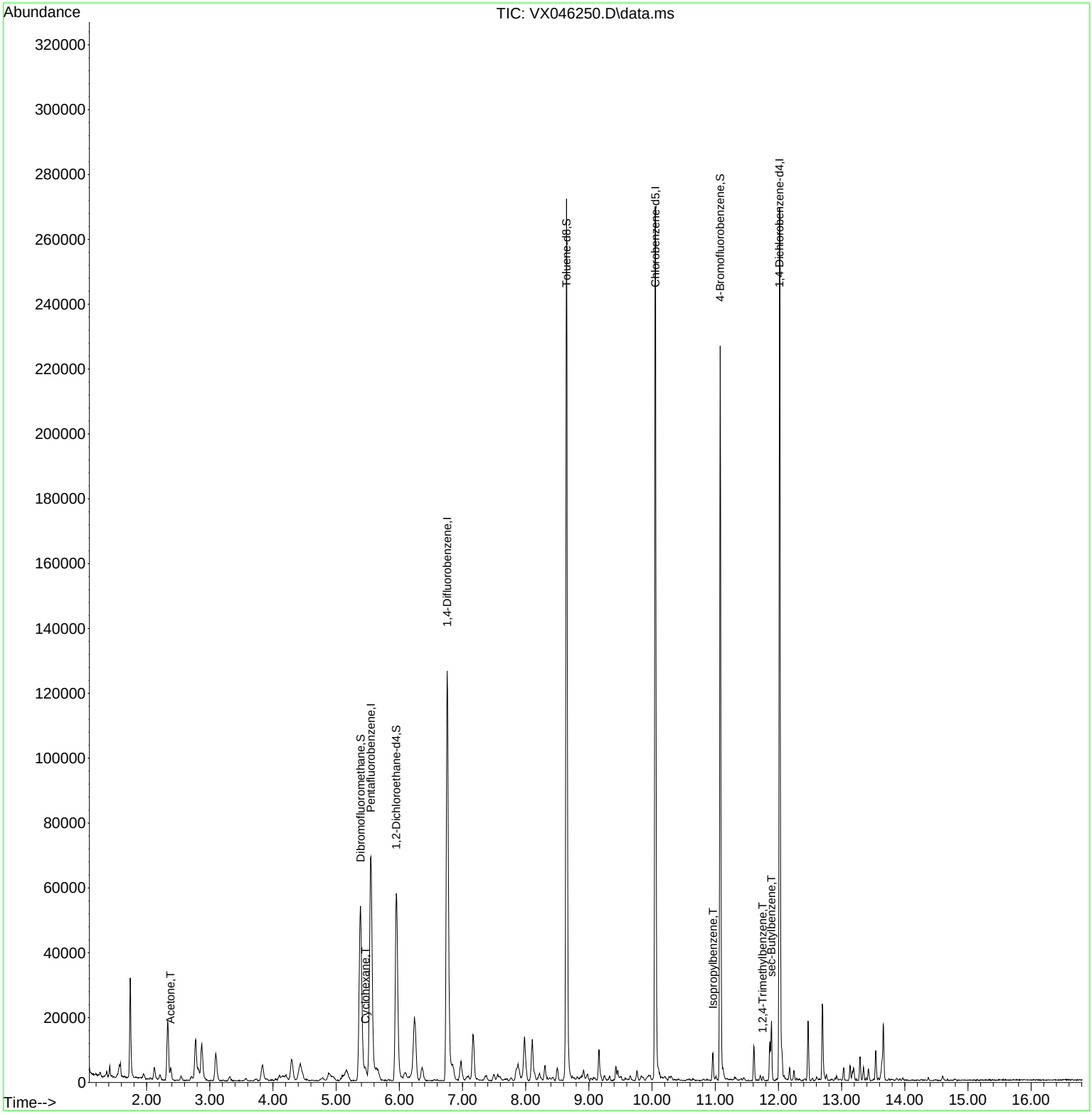
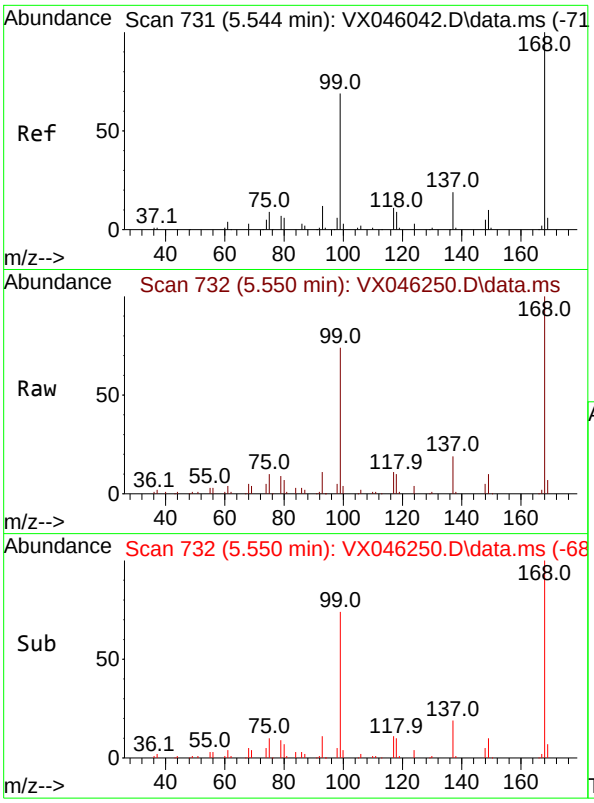


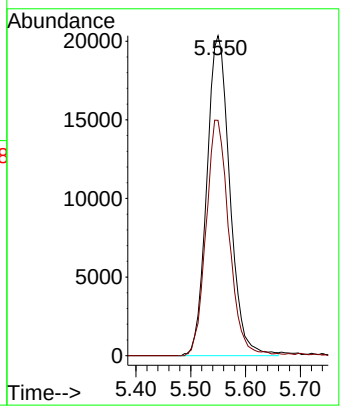


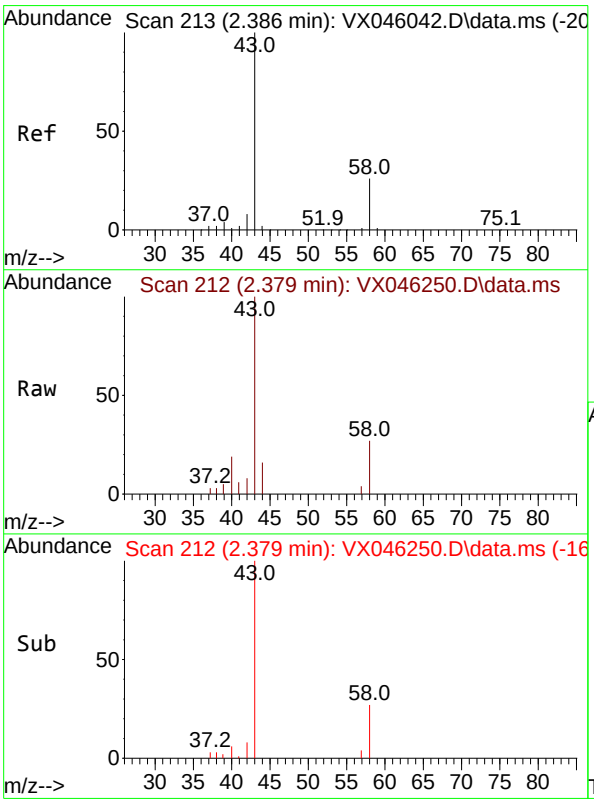
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046250.D
Acq: 16 May 2025 18:02

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion:168 Resp: 59308

Ion	Ratio	Lower	Upper
168	100		
99	73.6	54.9	82.3

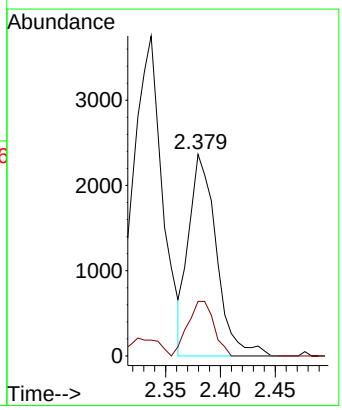


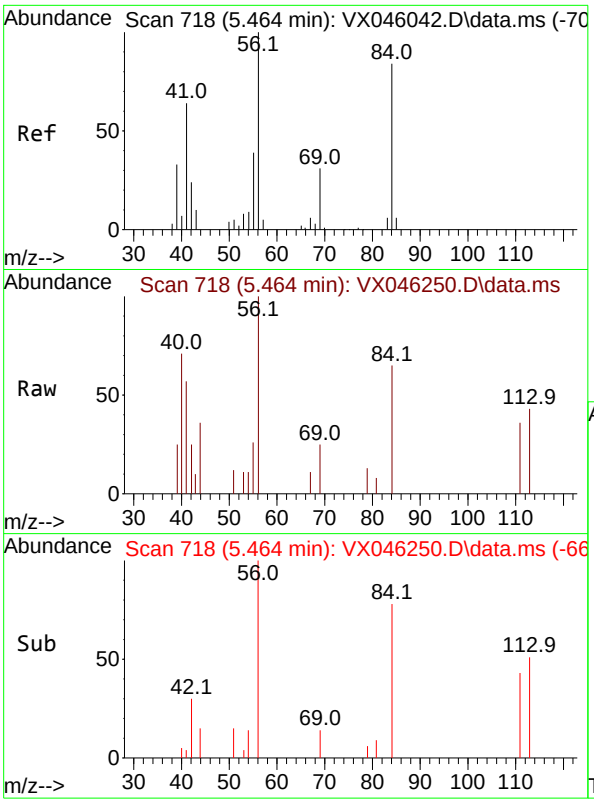


#16
Acetone
Concen: 9.397 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046250.D
Acq: 16 May 2025 18:02

Tgt Ion: 43 Resp: 4166

Ion	Ratio	Lower	Upper
43	100		
58	27.1	21.2	31.8



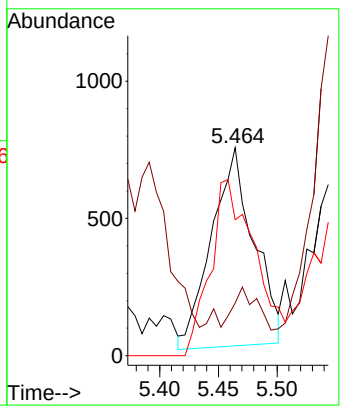


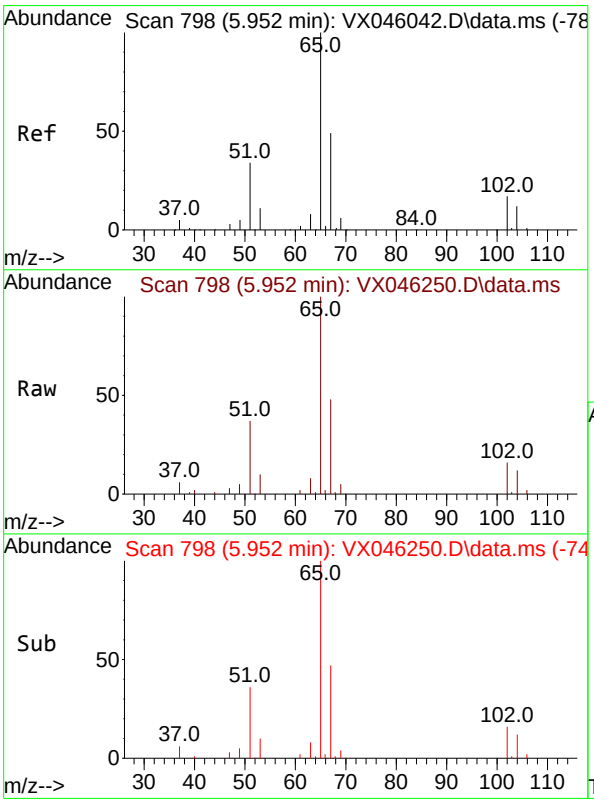
#31
Cyclohexane
Concen: 1.370 ug/l
RT: 5.464 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046250.D
Acq: 16 May 2025 18:02

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion: 56 Resp: 1805

Ion	Ratio	Lower	Upper
56	100		
69	13.7	24.4	36.6#
84	72.1	66.9	100.3

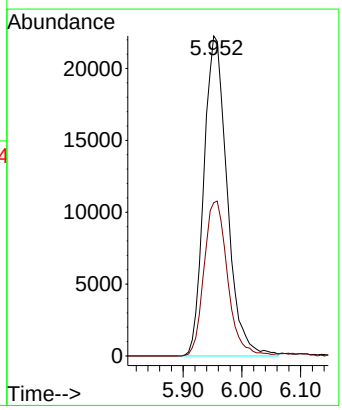


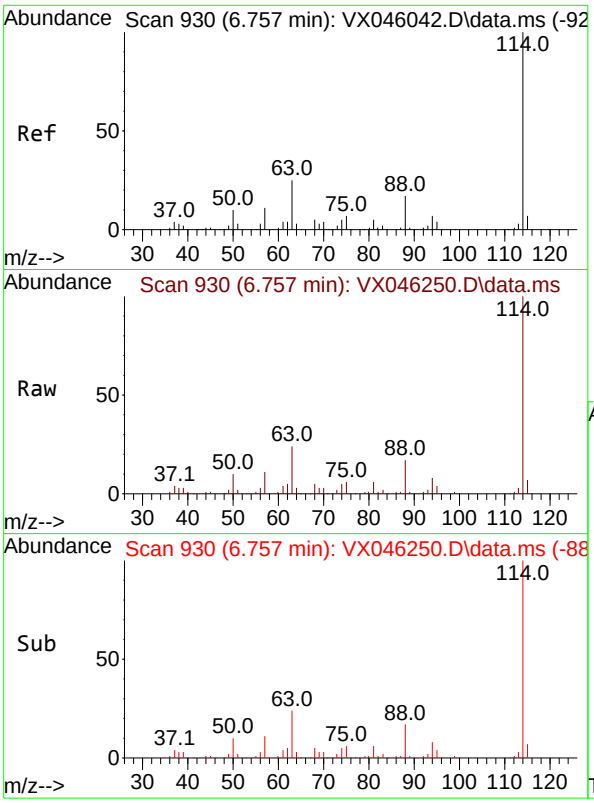


#33
1,2-Dichloroethane-d4
Concen: 55.198 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046250.D
Acq: 16 May 2025 18:02

Tgt Ion: 65 Resp: 61032

Ion	Ratio	Lower	Upper
65	100		
67	49.0	0.0	99.0



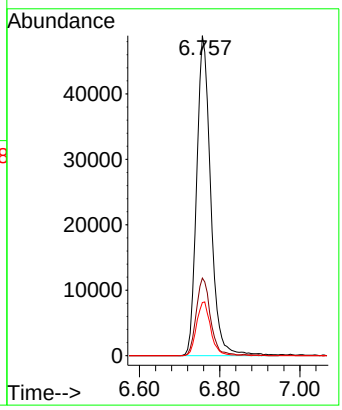


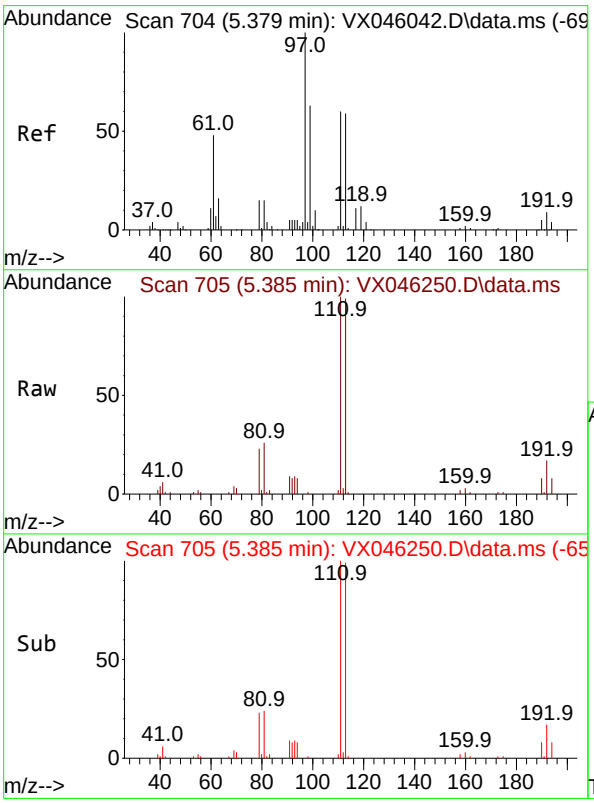
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046250.D
Acq: 16 May 2025 18:02

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion:114 Resp: 118728

Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	49.2
88	16.6	0.0	33.6

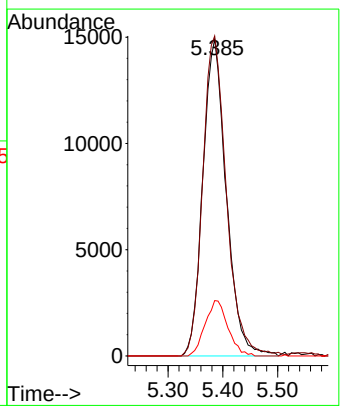


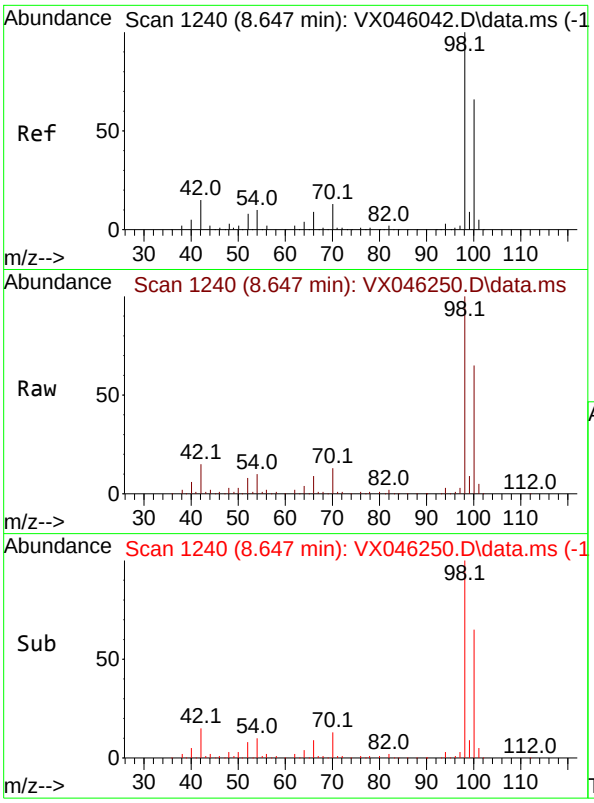


#35
Dibromofluoromethane
Concen: 51.694 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046250.D
Acq: 16 May 2025 18:02

Tgt Ion:113 Resp: 44197

Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.1	124.7
192	17.0	13.3	19.9



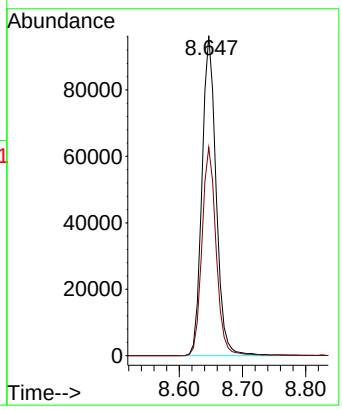


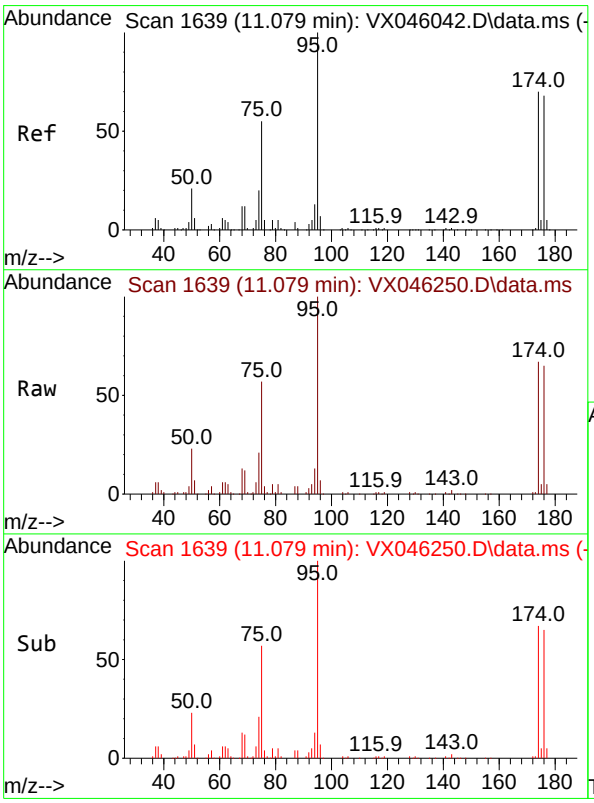
#50
Toluene-d8
Concen: 50.658 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046250.D
Acq: 16 May 2025 18:02

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion: 98 Resp: 149904

Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.5	80.3

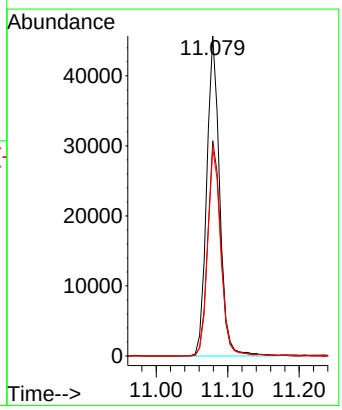


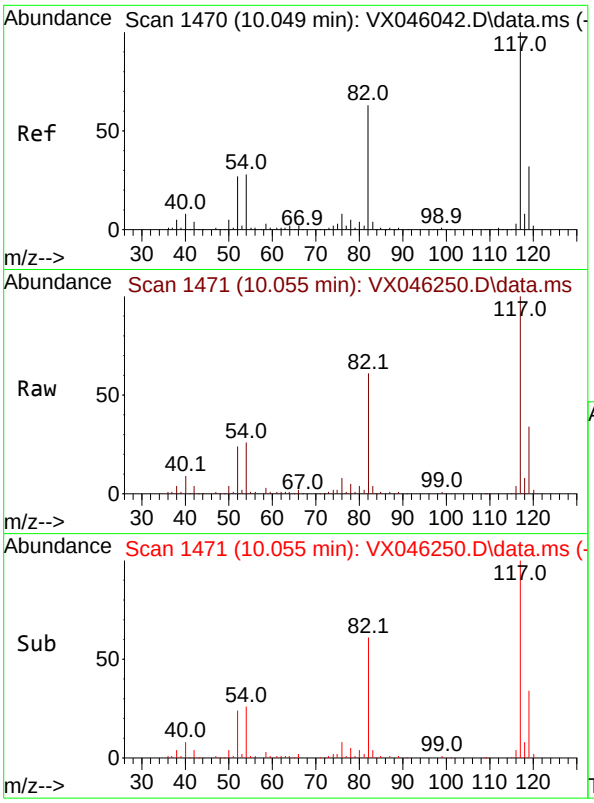


#62
4-Bromofluorobenzene
Concen: 50.554 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046250.D
Acq: 16 May 2025 18:02

Tgt Ion: 95 Resp: 57383

Ion	Ratio	Lower	Upper
95	100		
174	68.6	0.0	135.8
176	65.5	0.0	131.4



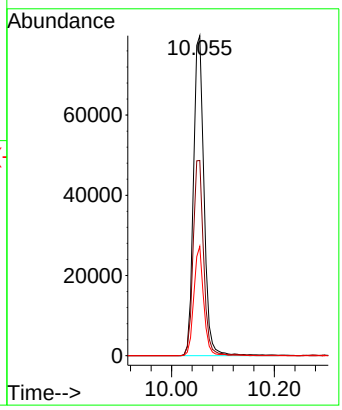


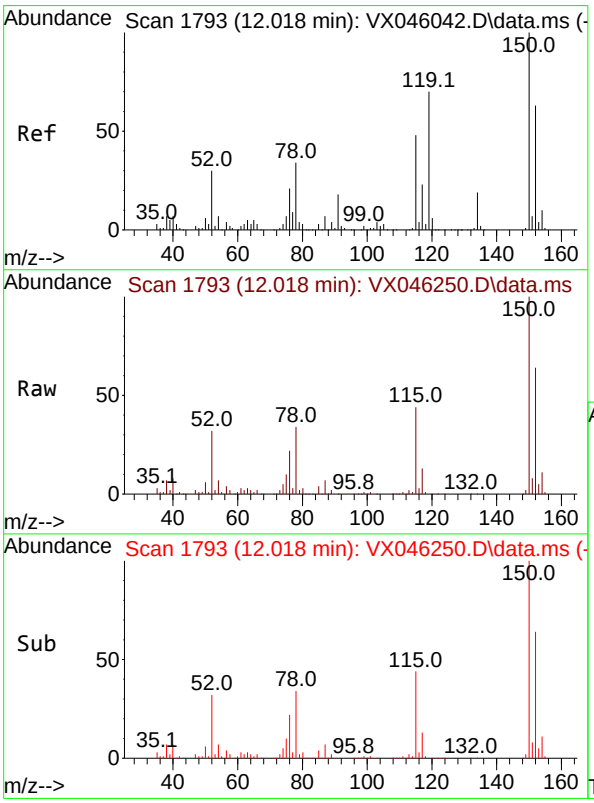
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046250.D
Acq: 16 May 2025 18:02

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion:117 Resp: 114044

Ion	Ratio	Lower	Upper
117	100		
82	61.0	50.6	76.0
119	34.1	25.8	38.6

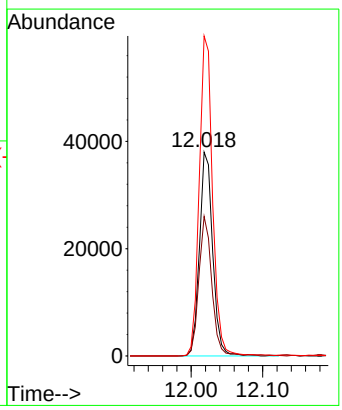


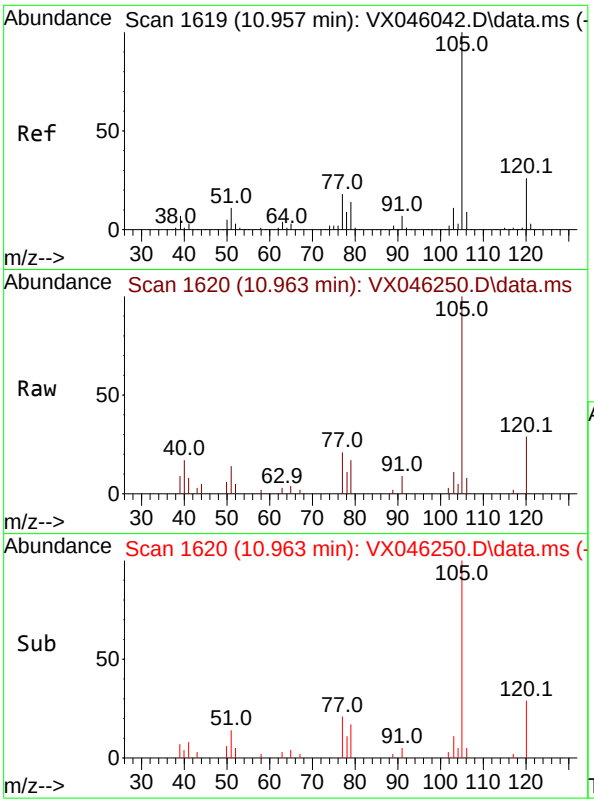


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046250.D
Acq: 16 May 2025 18:02

Tgt Ion:152 Resp: 48994

Ion	Ratio	Lower	Upper
152	100		
115	66.7	46.9	140.7
150	157.4	0.0	351.0



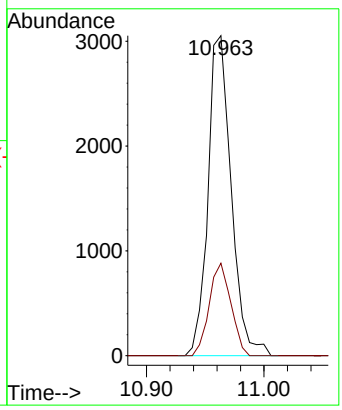


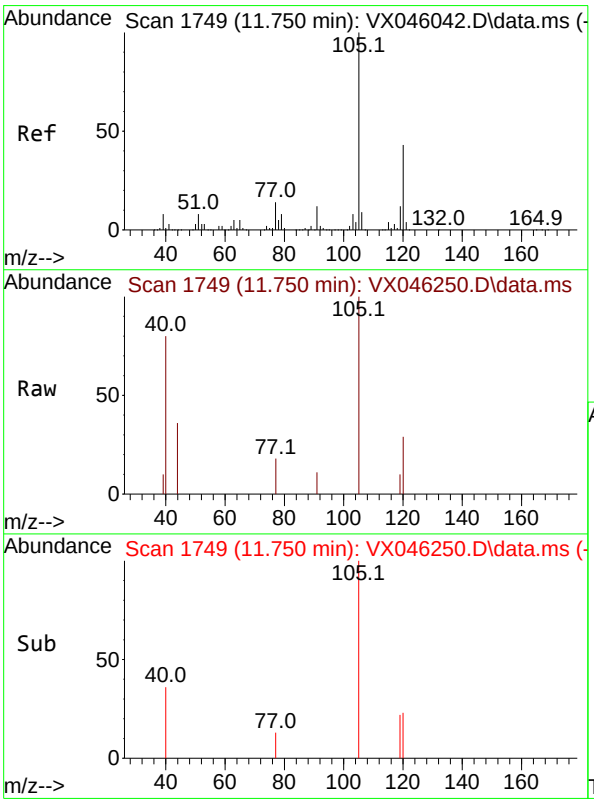
#73
Isopropylbenzene
Concen: 1.101 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046250.D
Acq: 16 May 2025 18:02

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion:105 Resp: 4200

Ion	Ratio	Lower	Upper
105	100		
120	26.9	12.8	38.4

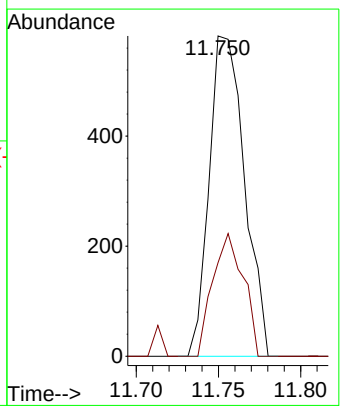


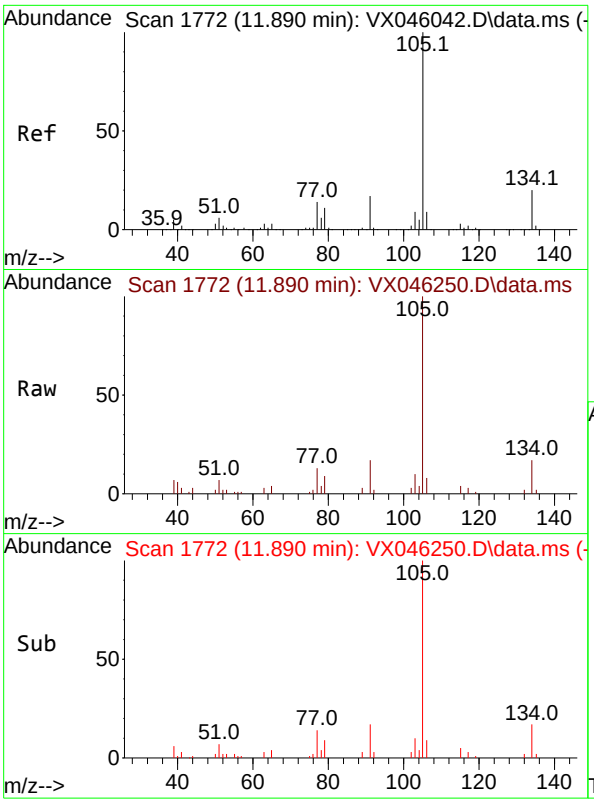


#84
1,2,4-Trimethylbenzene
Concen: 0.269 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046250.D
Acq: 16 May 2025 18:02

Tgt Ion:105 Resp: 869

Ion	Ratio	Lower	Upper
105	100		
120	33.3	21.2	63.6





#85
sec-Butylbenzene
Concen: 2.162 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046250.D
Acq: 16 May 2025 18:02

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion:105 Resp: 8519

Ion	Ratio	Lower	Upper
105	100		
134	16.7	9.7	29.1