Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063025\
Data File : VY022877.D
Acq On : 30 Jun 2025 13:32
Operator : SY/MD
Sample : Q2436-03
Misc : 6.77g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-85

Quant Time: Jul 01 03:37:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	372972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	690751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	657778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	284435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	189510	45.525	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 91.060%			
35) Dibromofluoromethane	7.628	113	207873	49.484	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.960%			
50) Toluene-d8	10.103	98	832363	49.934	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.860%			
62) 4-Bromofluorobenzene	12.402	95	290519	54.215	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 108.420%			
Target Compounds						Qvalue
16) Acetone	3.867	43	30174	38.351	ug/l #	77
17) Carbon Disulfide	4.110	76	13895	1.139	ug/l	98
20) Methylene Chloride	4.610	84	27992	5.634	ug/l	92

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

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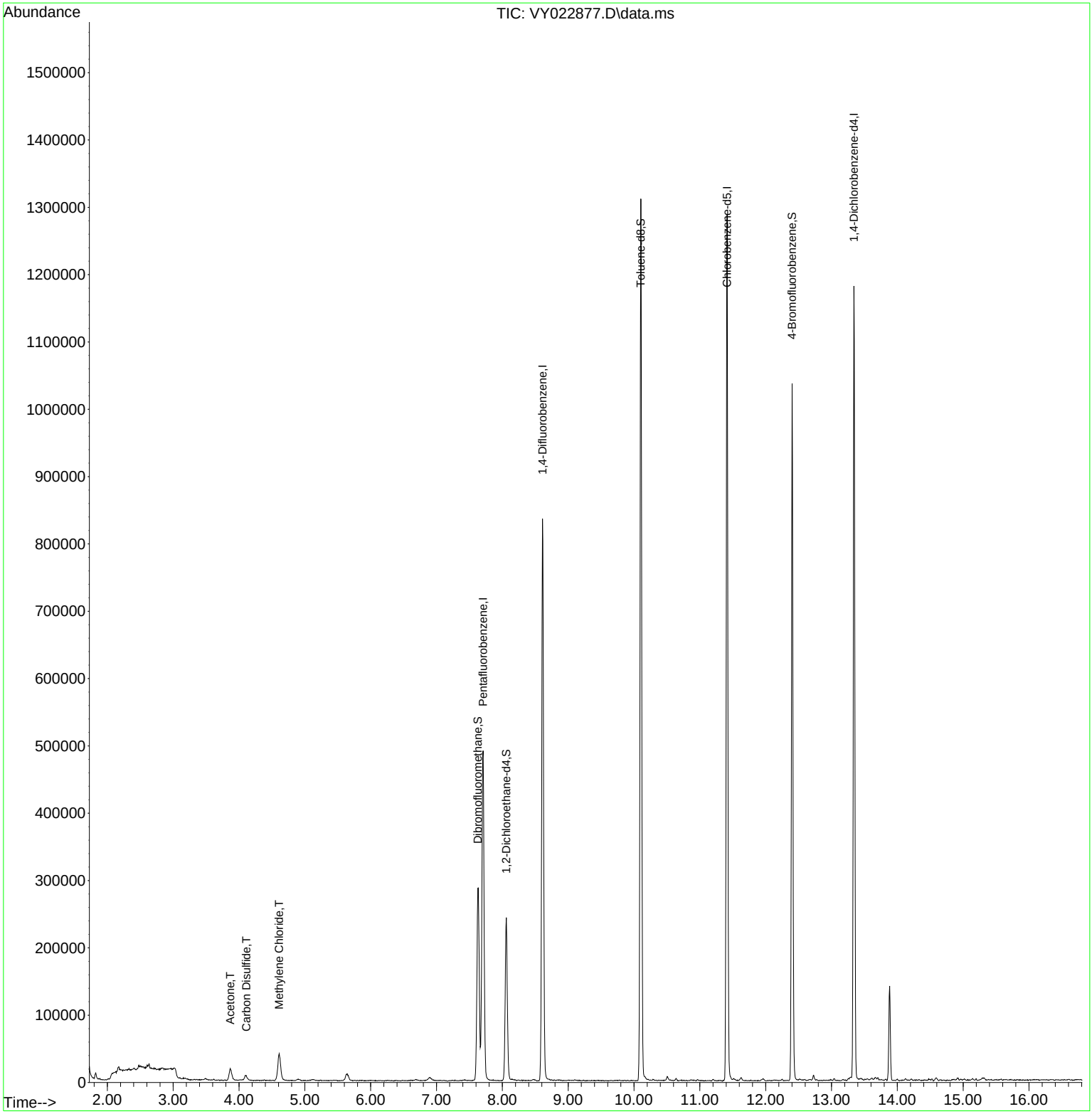
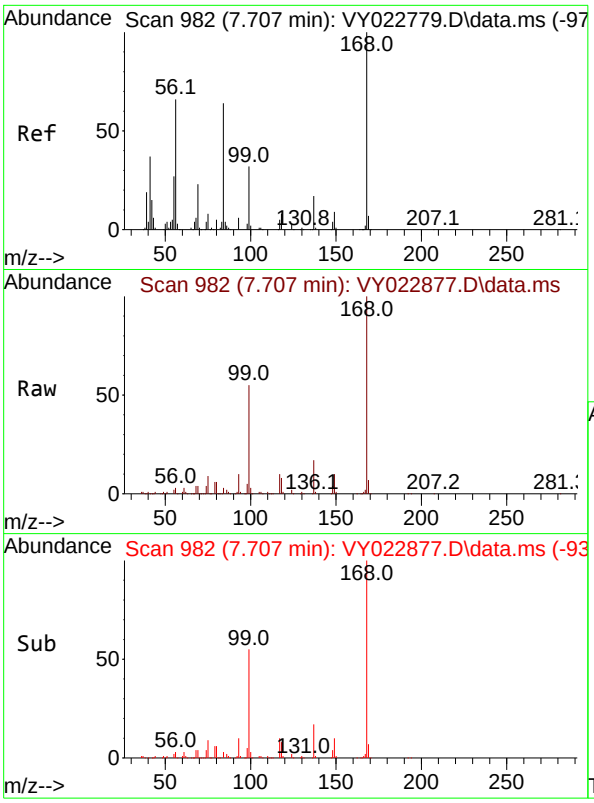


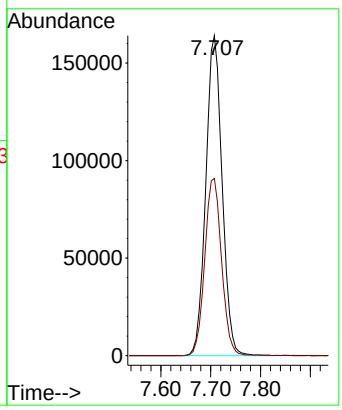


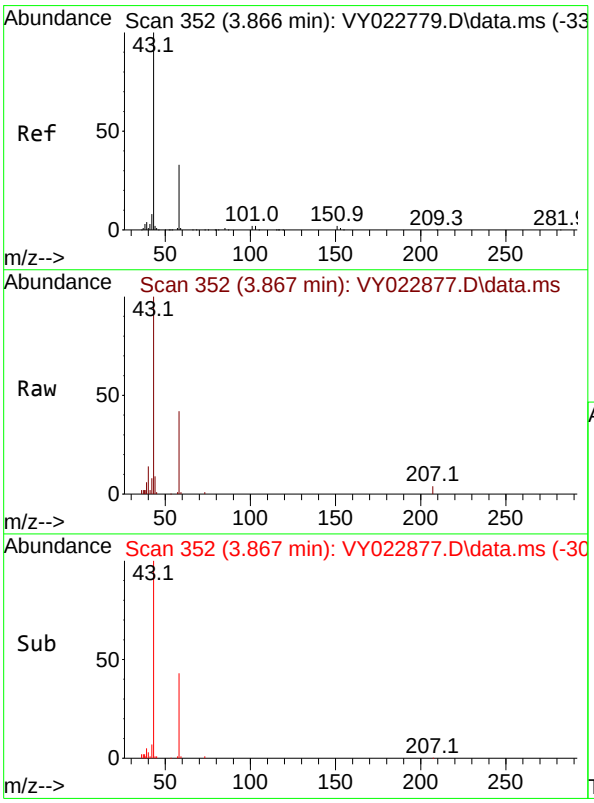
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022877.D
Acq: 30 Jun 2025 13:32

Instrument :
MSVOA_Y
ClientSampleId :
TP-85

Tgt Ion:168 Resp: 372972

Ion	Ratio	Lower	Upper
168	100		
99	55.4	44.3	66.5

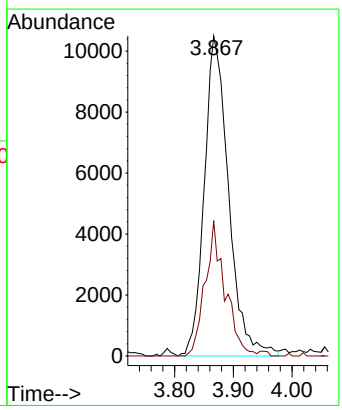


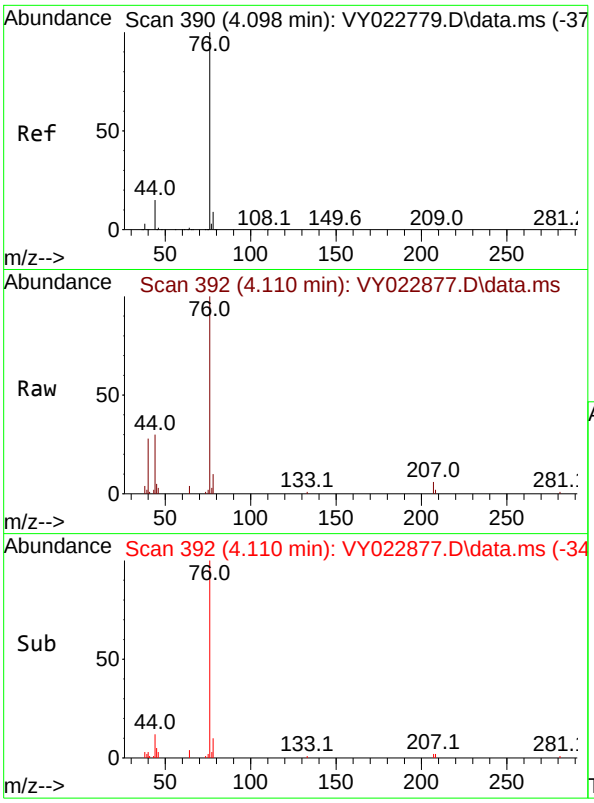


#16
Acetone
Concen: 38.351 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022877.D
Acq: 30 Jun 2025 13:32

Tgt Ion: 43 Resp: 30174

Ion	Ratio	Lower	Upper
43	100		
58	42.3	24.0	36.0#



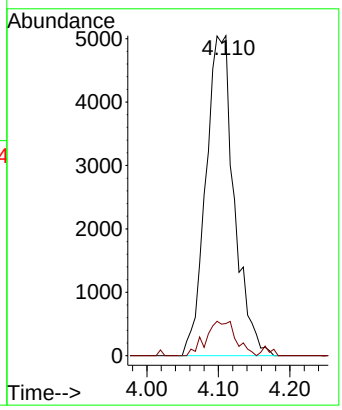


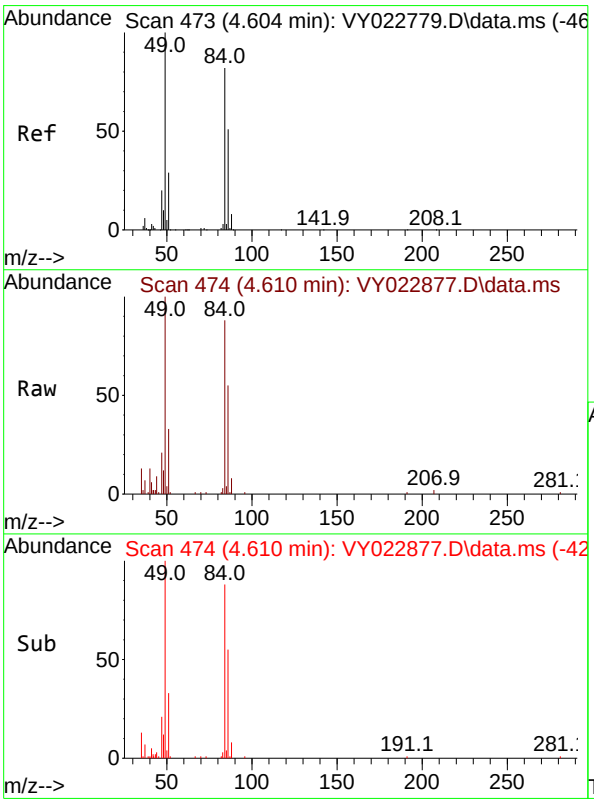
#17
Carbon Disulfide
Concen: 1.139 ug/l
RT: 4.110 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY022877.D
Acq: 30 Jun 2025 13:32

Instrument :
MSVOA_Y
ClientSampleId :
TP-85

Tgt Ion: 76 Resp: 13895

Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.4	11.2

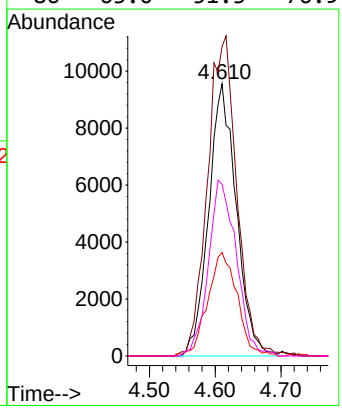


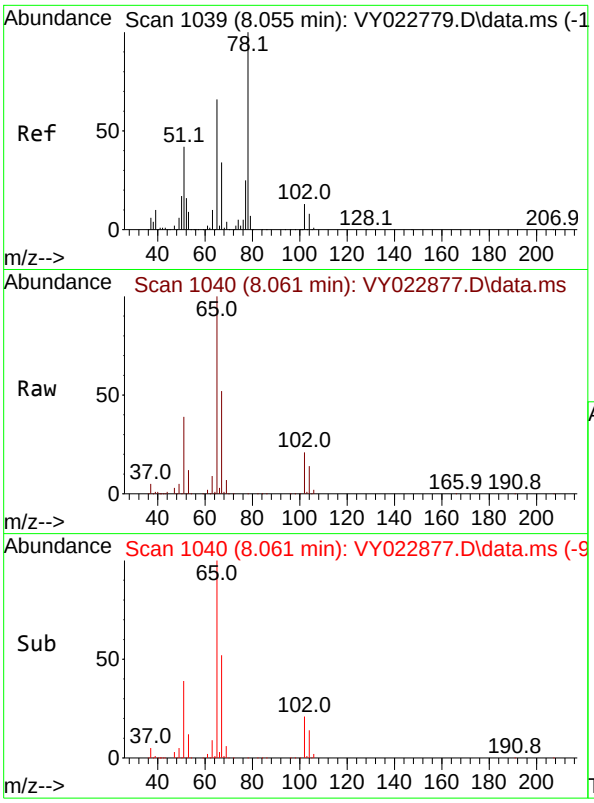


#20
Methylene Chloride
Concen: 5.634 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022877.D
Acq: 30 Jun 2025 13:32

Tgt Ion: 84 Resp: 27992

Ion	Ratio	Lower	Upper
84	100		
49	112.9	101.9	152.9
51	38.0	29.8	44.8
86	63.0	51.3	76.9



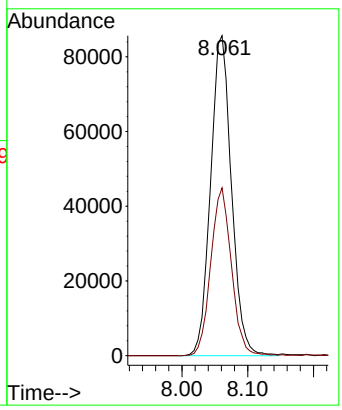


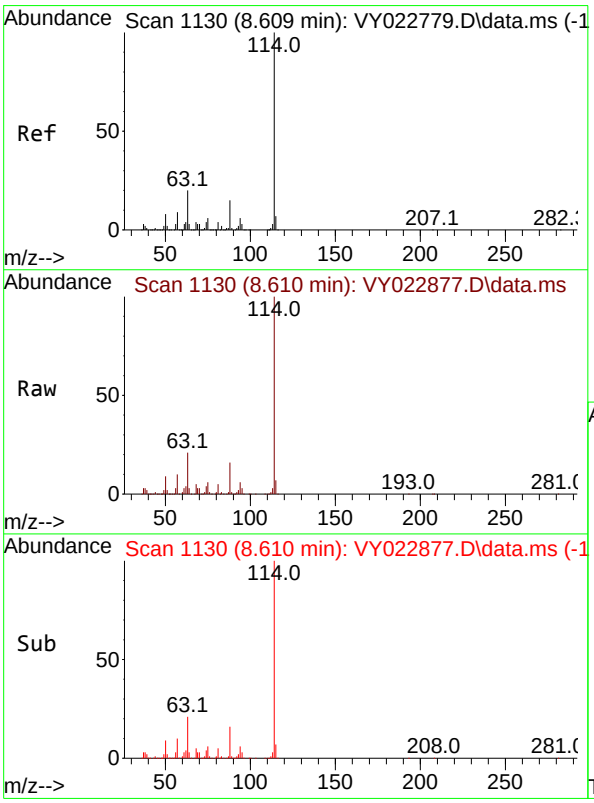
#33
1,2-Dichloroethane-d4
Concen: 45.525 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022877.D
Acq: 30 Jun 2025 13:32

Instrument :
MSVOA_Y
ClientSampleId :
TP-85

Tgt Ion: 65 Resp: 189510

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	103.4

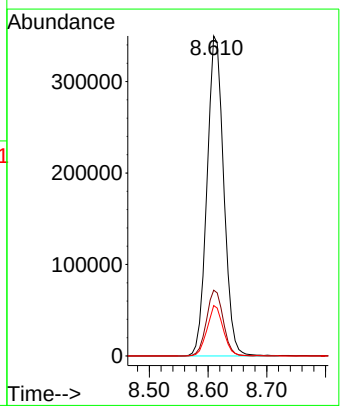


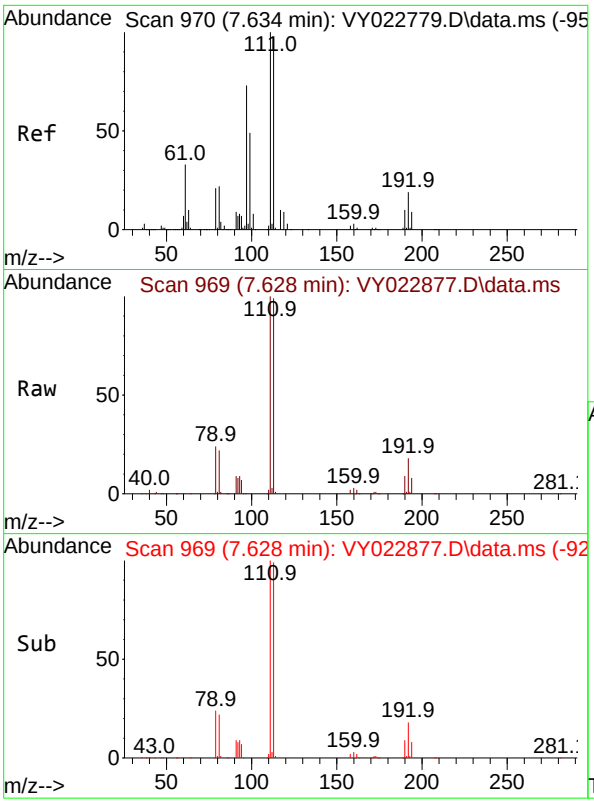


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY022877.D
Acq: 30 Jun 2025 13:32

Tgt Ion:114 Resp: 690751

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.8
88	15.8	0.0	27.8



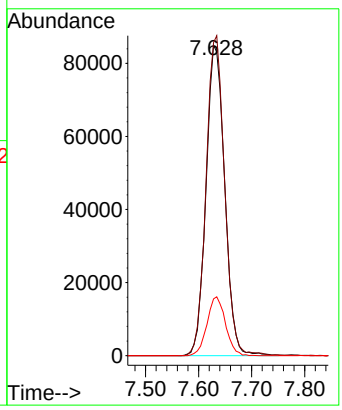


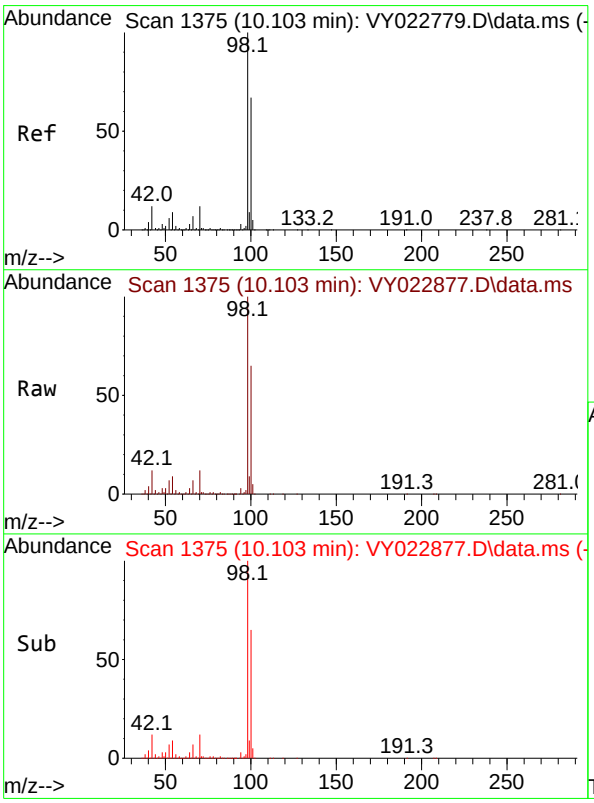
#35
Dibromofluoromethane
Concen: 49.484 ug/l
RT: 7.628 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY022877.D
Acq: 30 Jun 2025 13:32

Instrument :
MSVOA_Y
ClientSampleId :
TP-85

Tgt Ion:113 Resp: 207873

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.1	121.7
192	18.8	14.2	21.2

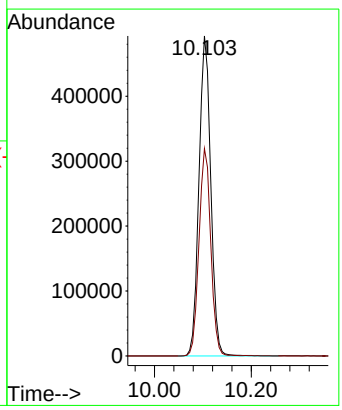


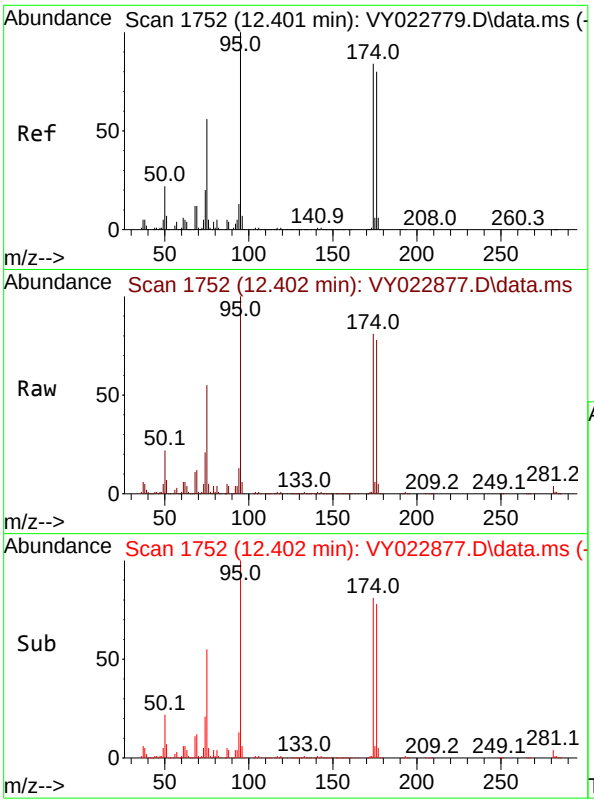


#50
Toluene-d8
Concen: 49.934 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022877.D
Acq: 30 Jun 2025 13:32

Tgt Ion: 98 Resp: 832363

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.4	77.0



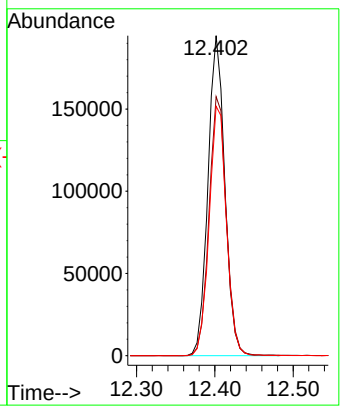


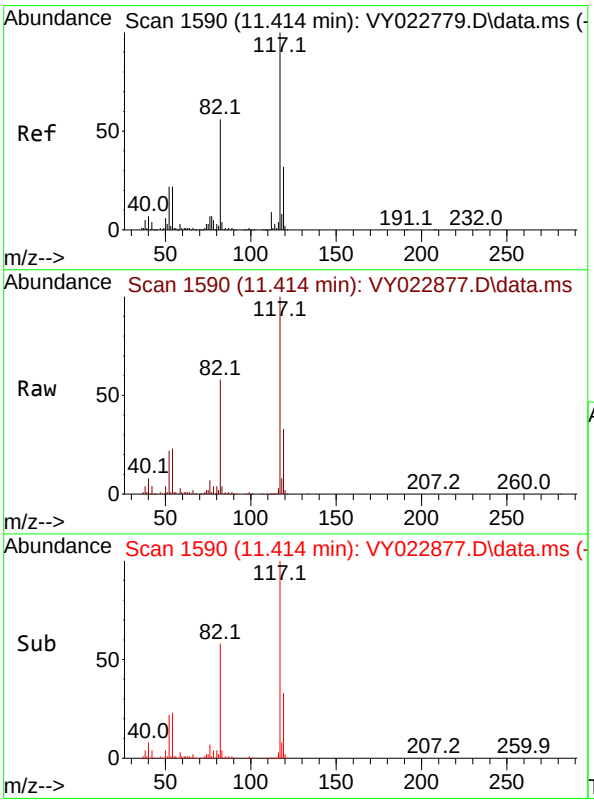
#62
4-Bromofluorobenzene
Concen: 54.215 ug/l
RT: 12.402 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022877.D
Acq: 30 Jun 2025 13:32

Instrument :
MSVOA_Y
ClientSampleId :
TP-85

Tgt Ion: 95 Resp: 290519

Ion	Ratio	Lower	Upper
95	100		
174	83.1	0.0	170.0
176	79.7	0.0	166.2

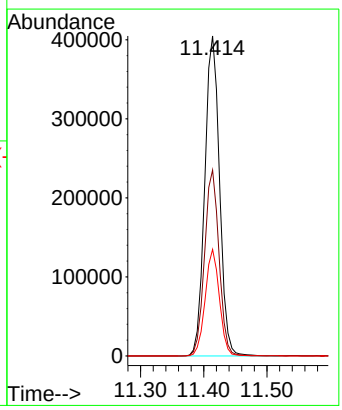


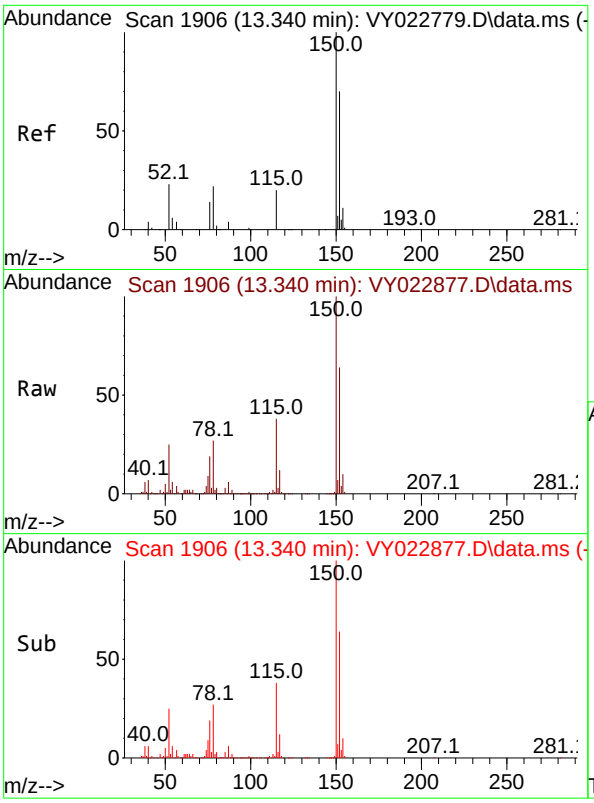


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022877.D
Acq: 30 Jun 2025 13:32

Tgt Ion:117 Resp: 657778

Ion	Ratio	Lower	Upper
117	100		
82	58.1	44.6	66.8
119	33.3	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022877.D
Acq: 30 Jun 2025 13:32

Instrument :
MSVOA_Y
ClientSampleId :
TP-85

Tgt Ion:152 Resp: 284435

Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.9	86.7
150	158.6	0.0	349.6