Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070325\
Data File : VY022938.D
Acq On : 03 Jul 2025 13:26
Operator : SY/MD
Sample : Q2487-01
Misc : 4.87g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
G4(1.5)

Quant Time: Jul 04 03:19:21 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	263891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	498003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	486484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	211646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	156878	53.264	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.520%			
35) Dibromofluoromethane	7.634	113	162534	53.666	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.340%			
50) Toluene-d8	10.103	98	611986	50.923	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.840%			
62) 4-Bromofluorobenzene	12.402	95	213824	55.346	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.700%			
Target Compounds						Qvalue
16) Acetone	3.873	43	57915	104.036	ug/l	95
17) Carbon Disulfide	4.110	76	30501	3.535	ug/l	98
25) 2-Butanone	6.896	43	13532	16.702	ug/l	95

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

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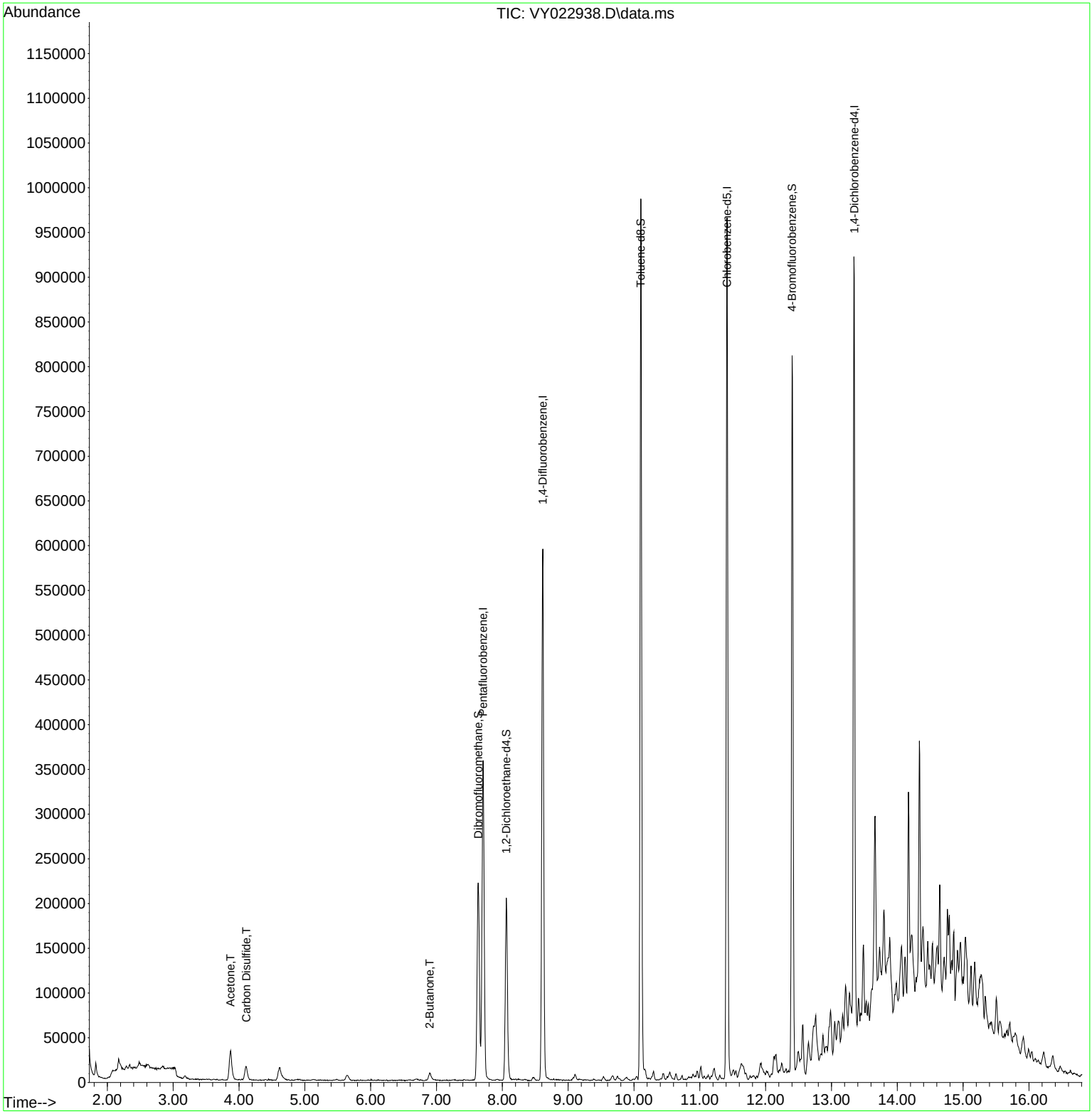
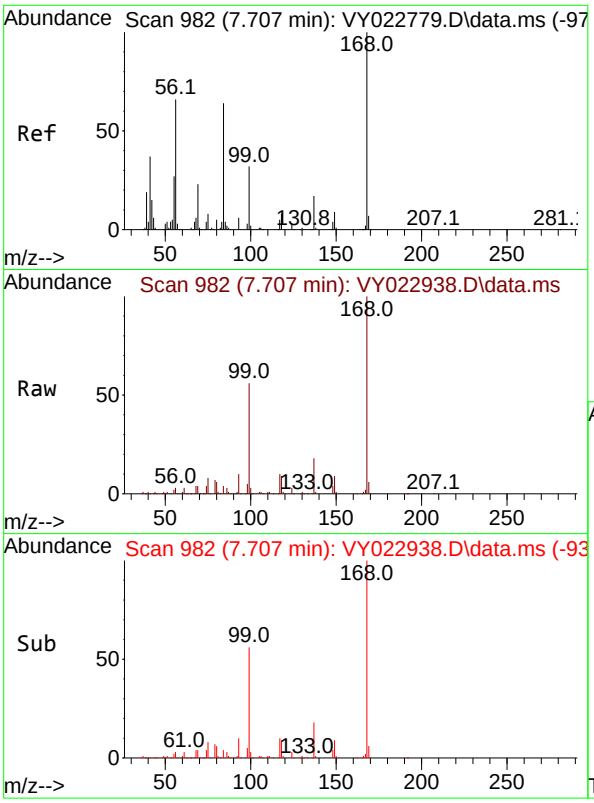


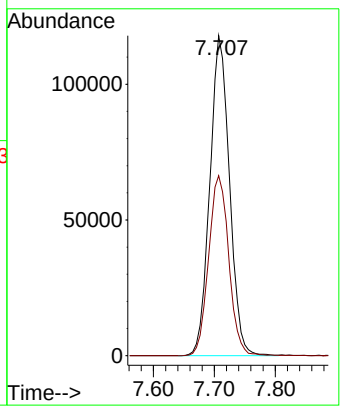


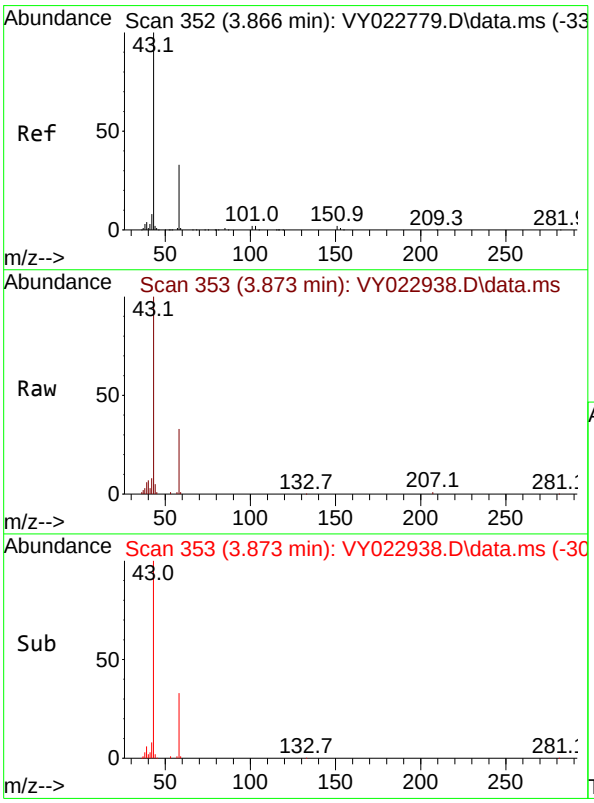
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022938.D
Acq: 03 Jul 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
G4(1.5)

Tgt Ion:168 Resp: 263891

Ion	Ratio	Lower	Upper
168	100		
99	56.3	44.3	66.5

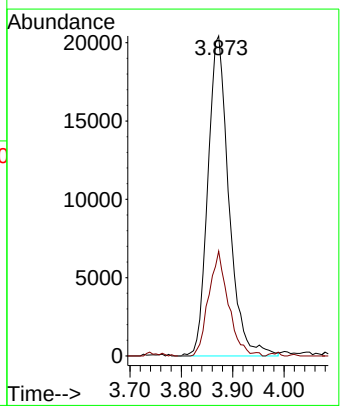


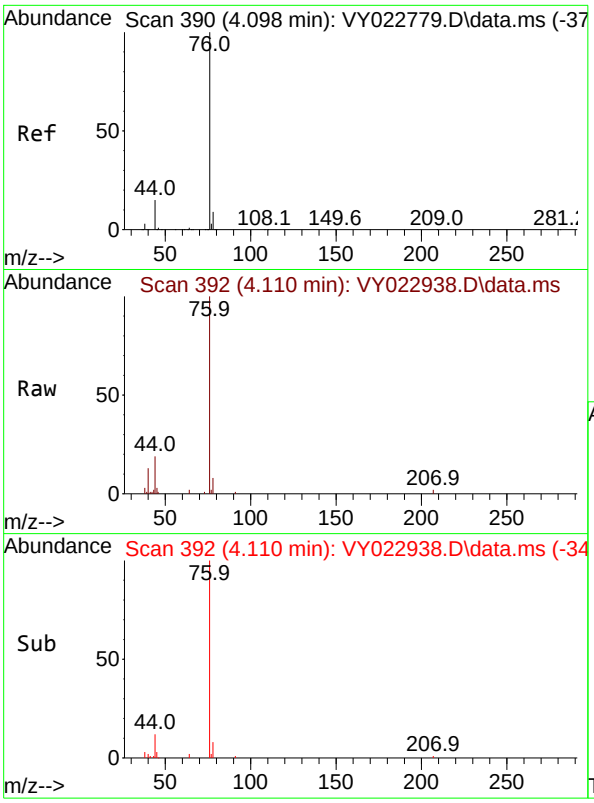


#16
Acetone
Concen: 104.036 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022938.D
Acq: 03 Jul 2025 13:26

Tgt Ion: 43 Resp: 57915

Ion	Ratio	Lower	Upper
43	100		
58	32.8	24.0	36.0



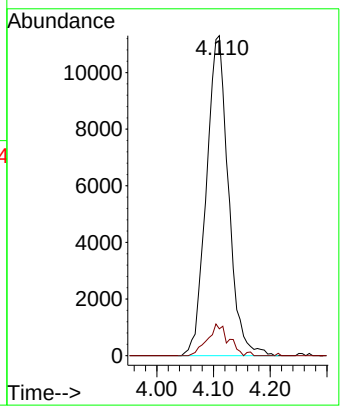


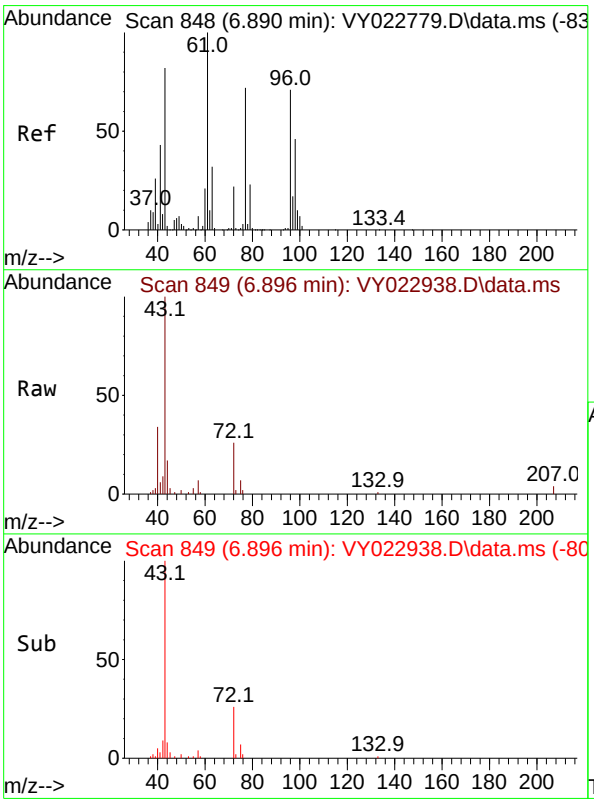
#17
Carbon Disulfide
Concen: 3.535 ug/l
RT: 4.110 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY022938.D
Acq: 03 Jul 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
G4(1.5)

Tgt Ion: 76 Resp: 30501

Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.4	11.2

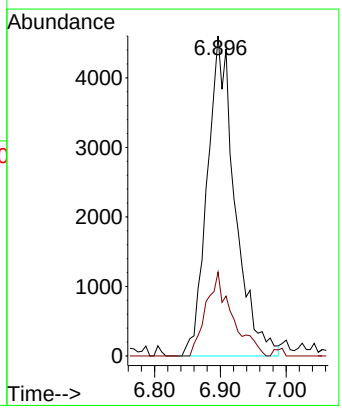


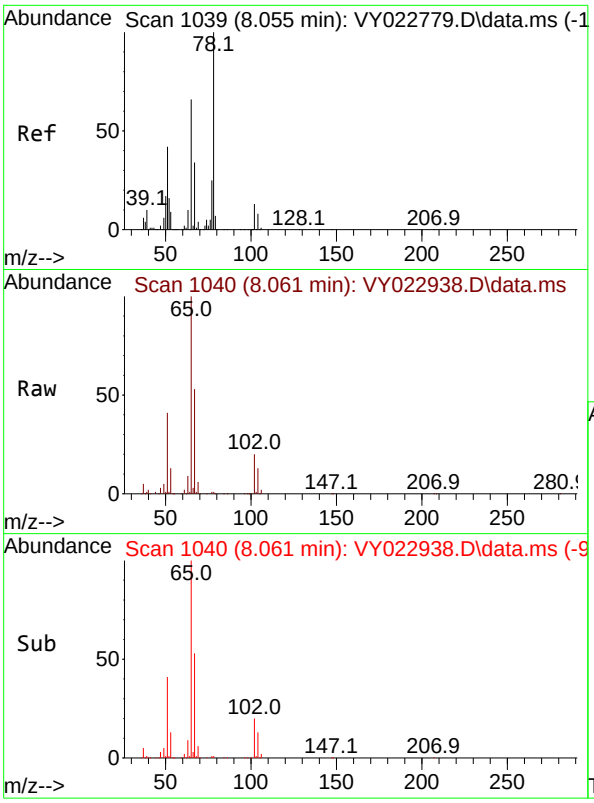


#25
2-Butanone
Concen: 16.702 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022938.D
Acq: 03 Jul 2025 13:26

Tgt Ion: 43 Resp: 13532

Ion	Ratio	Lower	Upper
43	100		
72	26.2	22.9	34.3



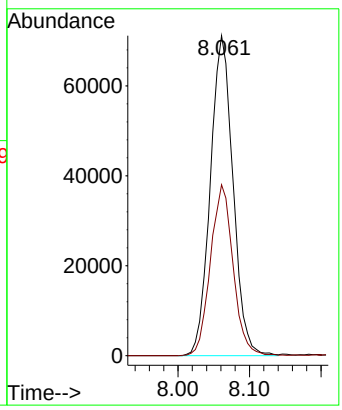


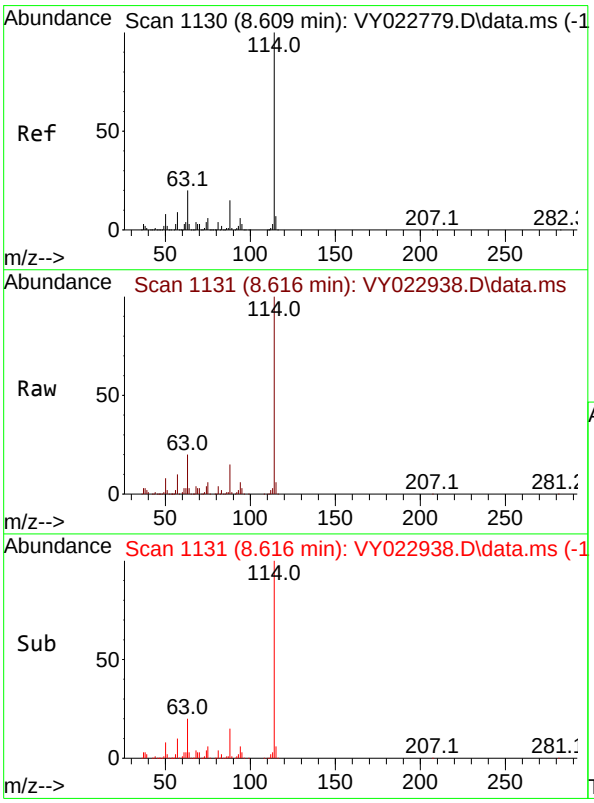
#33
1,2-Dichloroethane-d4
Concen: 53.264 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022938.D
Acq: 03 Jul 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
G4(1.5)

Tgt Ion: 65 Resp: 156878

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	103.4

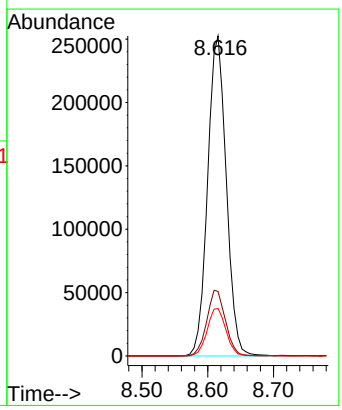


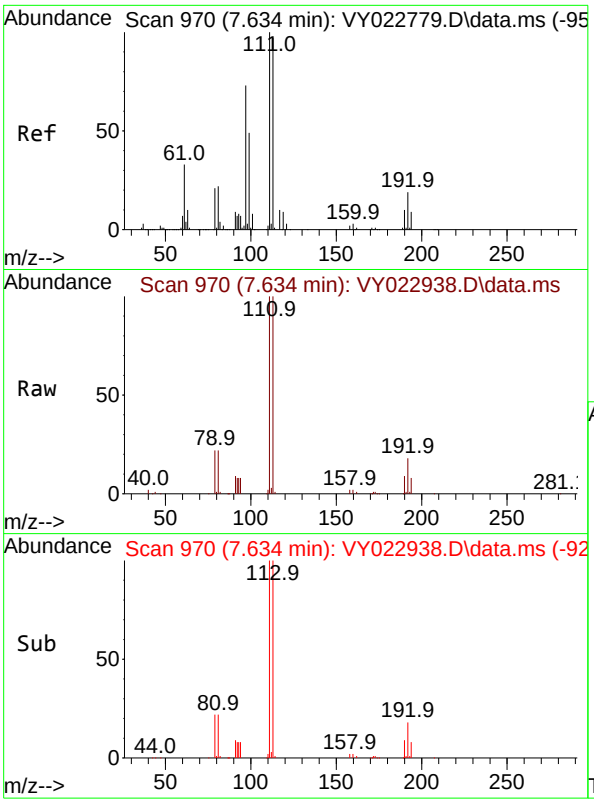


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022938.D
Acq: 03 Jul 2025 13:26

Tgt Ion:114 Resp: 498003

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.8
88	14.8	0.0	27.8



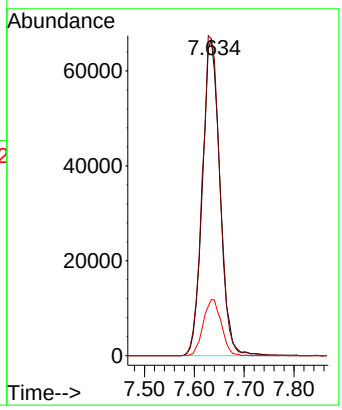


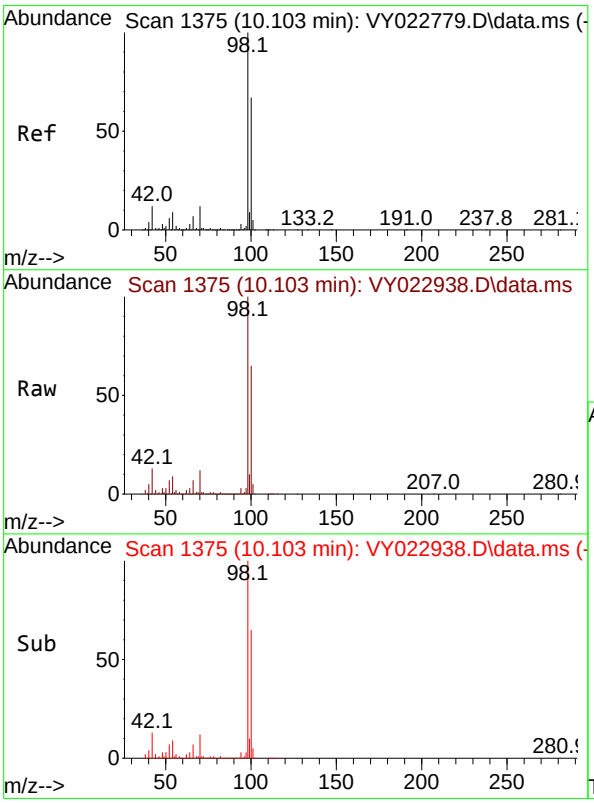
#35
Dibromofluoromethane
Concen: 53.666 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022938.D
Acq: 03 Jul 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
G4(1.5)

Tgt Ion:113 Resp: 162534

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.1	121.7
192	18.4	14.2	21.2

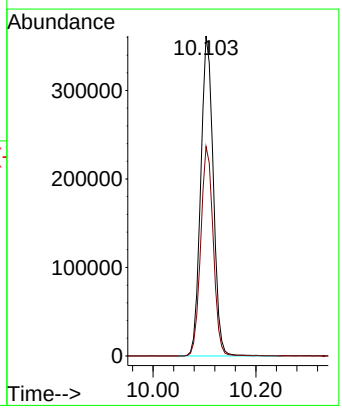


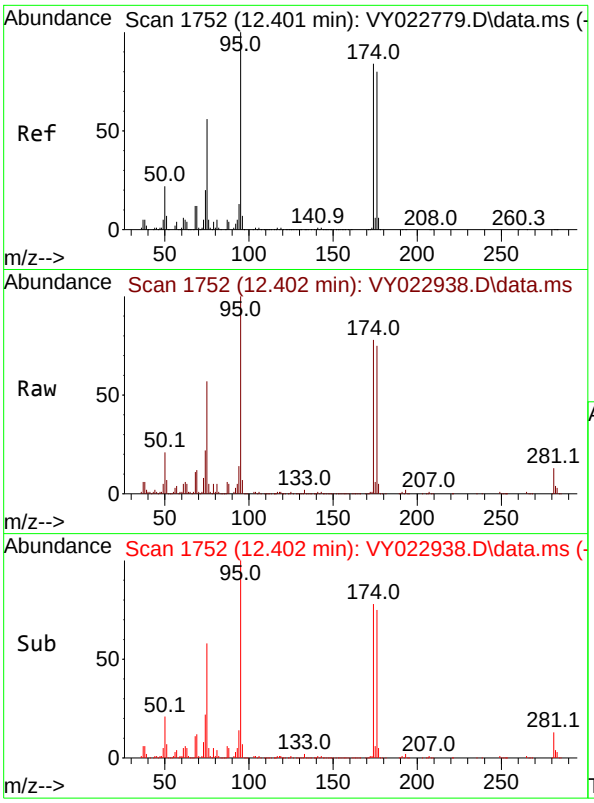


#50
Toluene-d8
Concen: 50.923 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022938.D
Acq: 03 Jul 2025 13:26

Tgt Ion: 98 Resp: 611986

Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.4	77.0



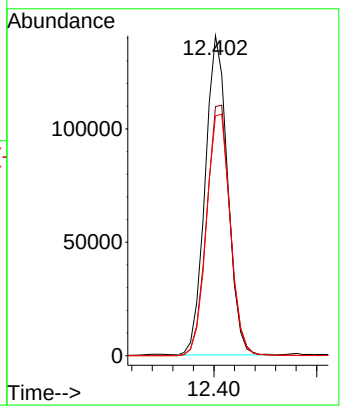


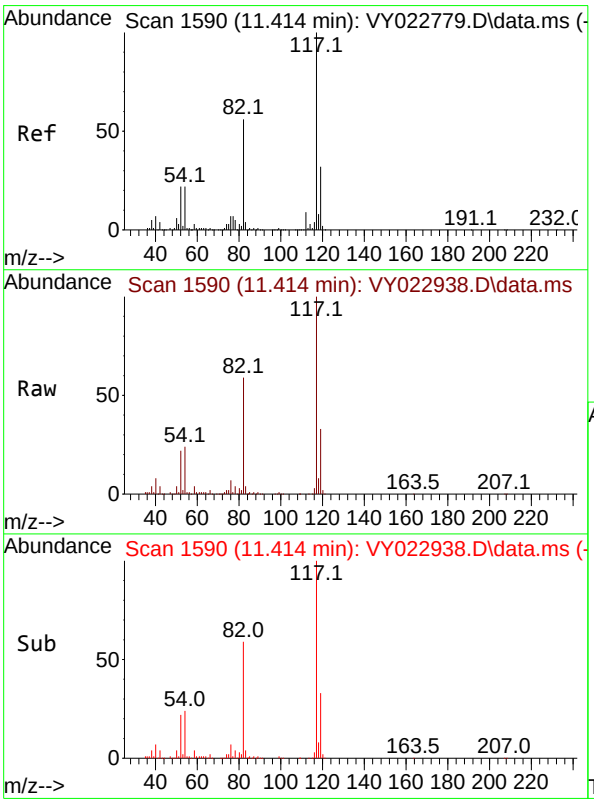
#62
4-Bromofluorobenzene
Concen: 55.346 ug/l
RT: 12.402 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022938.D
Acq: 03 Jul 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
G4(1.5)

Tgt Ion: 95 Resp: 213824

Ion	Ratio	Lower	Upper
95	100		
174	81.7	0.0	170.0
176	80.3	0.0	166.2

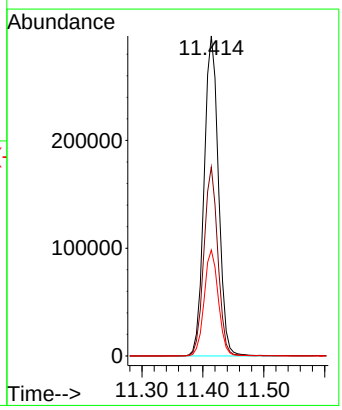


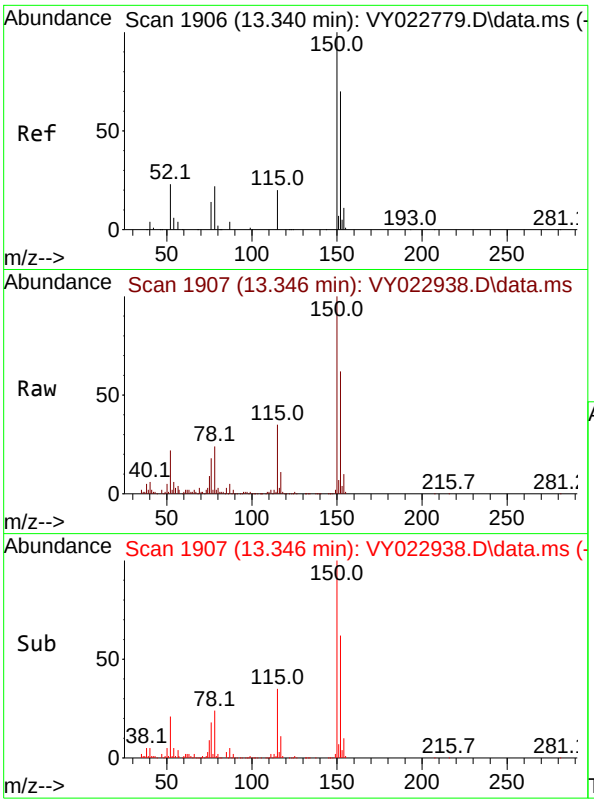


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022938.D
Acq: 03 Jul 2025 13:26

Tgt Ion:117 Resp: 486484

Ion	Ratio	Lower	Upper
117	100		
82	59.0	44.6	66.8
119	33.1	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022938.D
Acq: 03 Jul 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
G4(1.5)

Tgt Ion:152 Resp: 211646

Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.9	86.7
150	157.1	0.0	349.6