Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061625\
Data File : VY022701.D
Acq On : 16 Jun 2025 12:09
Operator : SY/MD
Sample : Q2314-08
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-840-842

Quant Time: Jun 16 16:02:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	111918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	203194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	172902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	65272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	68926	55.064	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.120%			
35) Dibromofluoromethane	7.640	113	64820	53.446	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.900%			
50) Toluene-d8	10.109	98	249189	50.849	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.700%			
62) 4-Bromofluorobenzene	12.408	95	65908	45.139	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 90.280%			
Target Compounds						Qvalue
16) Acetone	3.866	43	2772	10.904	ug/l #	80
17) Carbon Disulfide	4.110	76	3846	1.024	ug/l #	94
20) Methylene Chloride	4.622	84	8682	6.012	ug/l #	90

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

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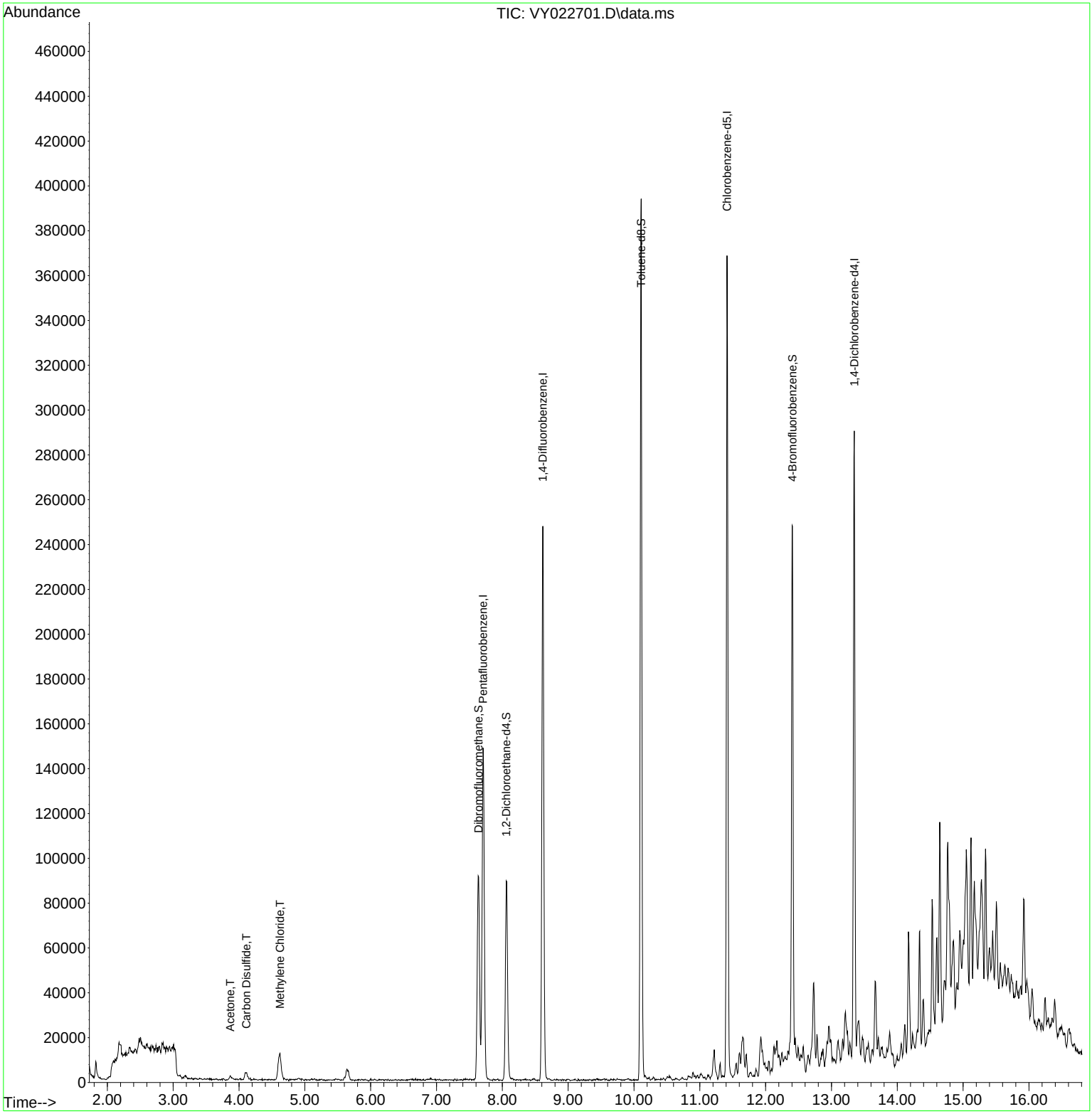
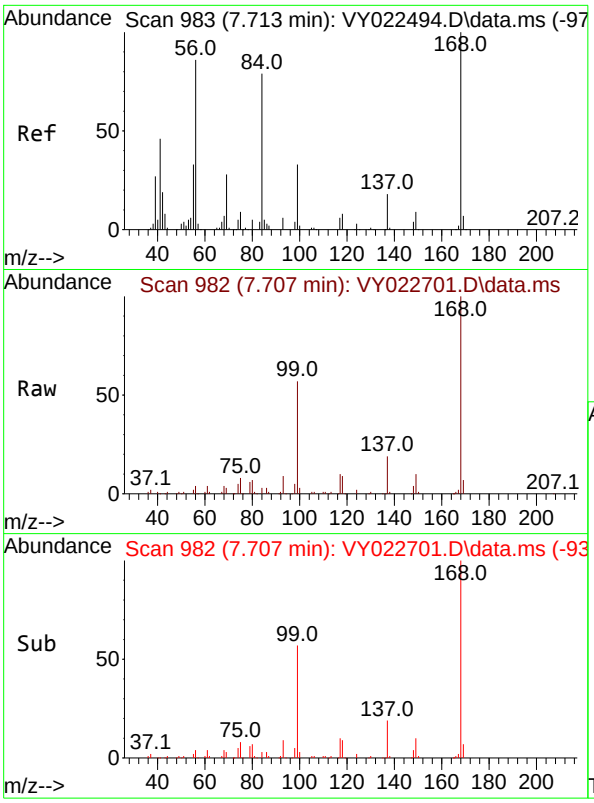


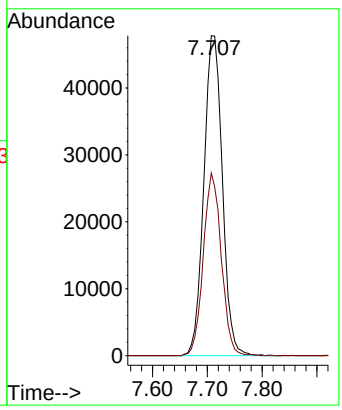


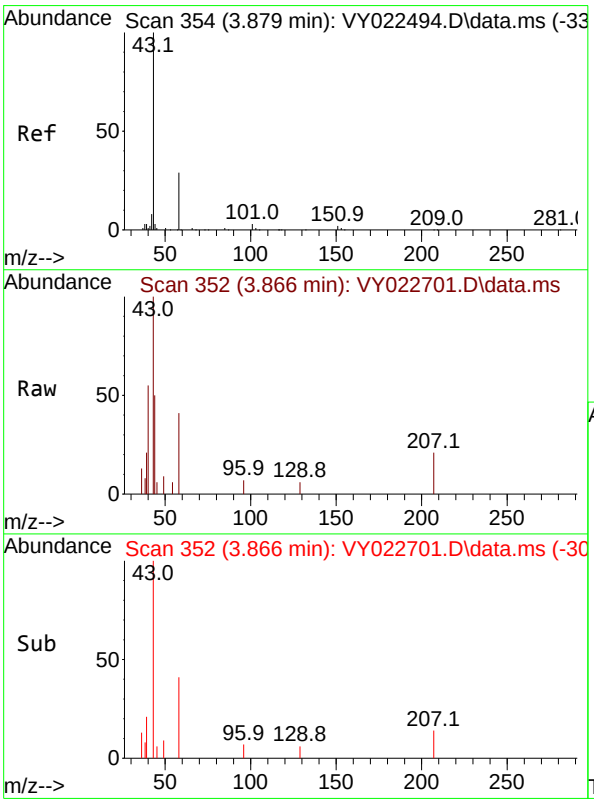
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022701.D
Acq: 16 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-840-842

Tgt Ion:168 Resp: 111918

Ion	Ratio	Lower	Upper
168	100		
99	57.1	44.3	66.5

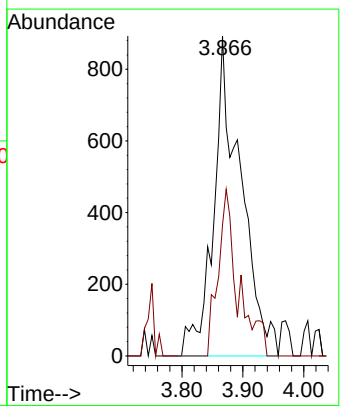


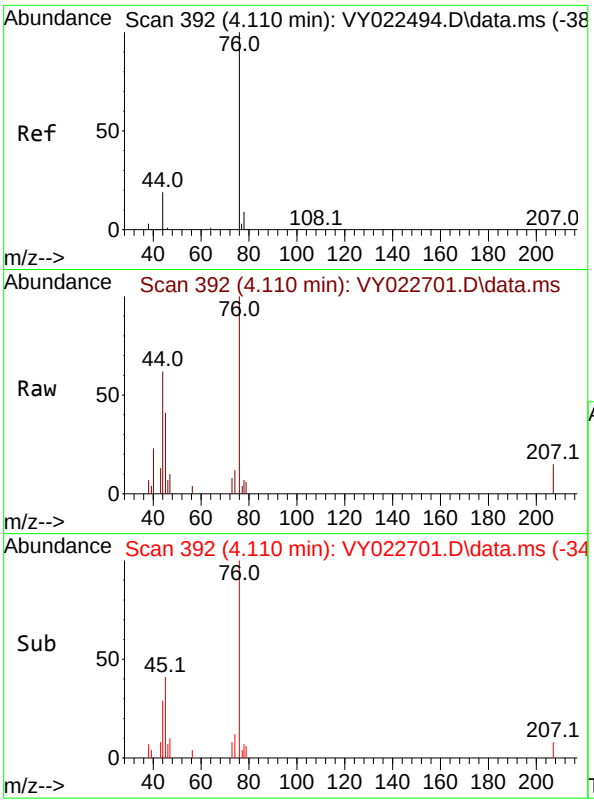


#16
Acetone
Concen: 10.904 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022701.D
Acq: 16 Jun 2025 12:09

Tgt Ion: 43 Resp: 2772

Ion	Ratio	Lower	Upper
43	100		
58	40.9	24.0	36.0#



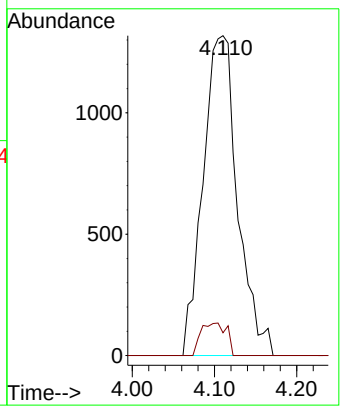


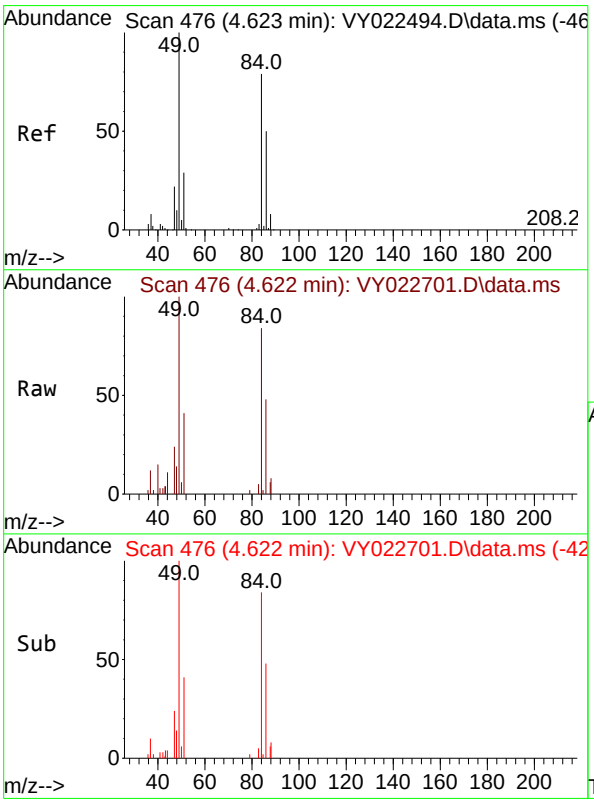
#17
Carbon Disulfide
Concen: 1.024 ug/l
RT: 4.110 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY022701.D
Acq: 16 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-840-842

Tgt Ion: 76 Resp: 3846

Ion	Ratio	Lower	Upper
76	100		
78	7.1	7.4	11.2#

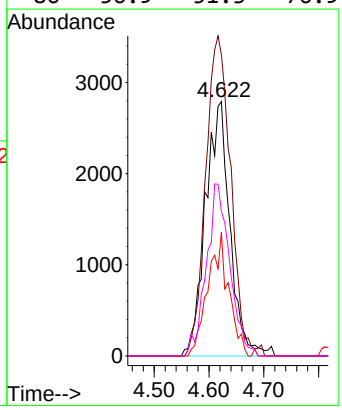


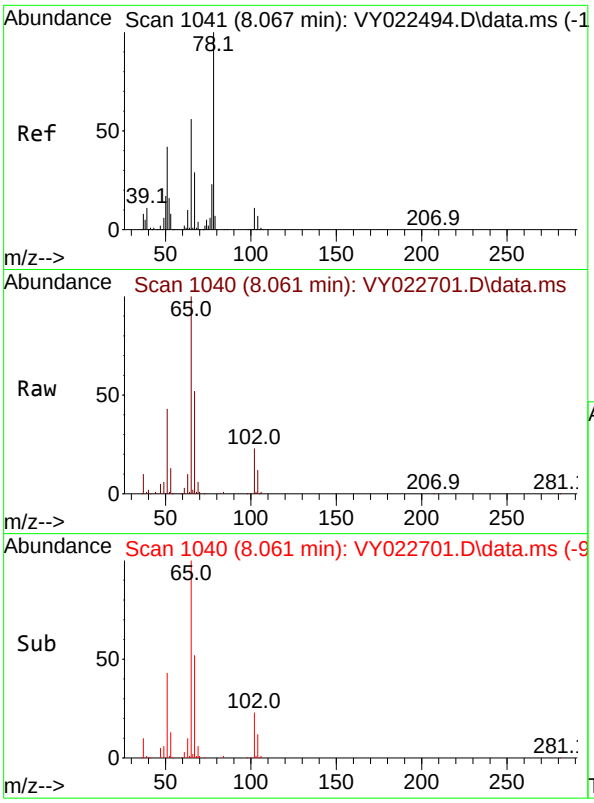


#20
Methylene Chloride
Concen: 6.012 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY022701.D
Acq: 16 Jun 2025 12:09

Tgt Ion: 84 Resp: 8682

Ion	Ratio	Lower	Upper
84	100		
49	118.4	101.9	152.9
51	48.6	29.8	44.8#
86	56.9	51.3	76.9



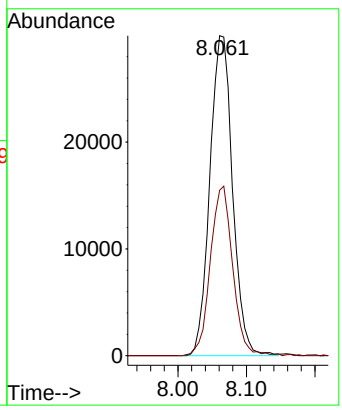


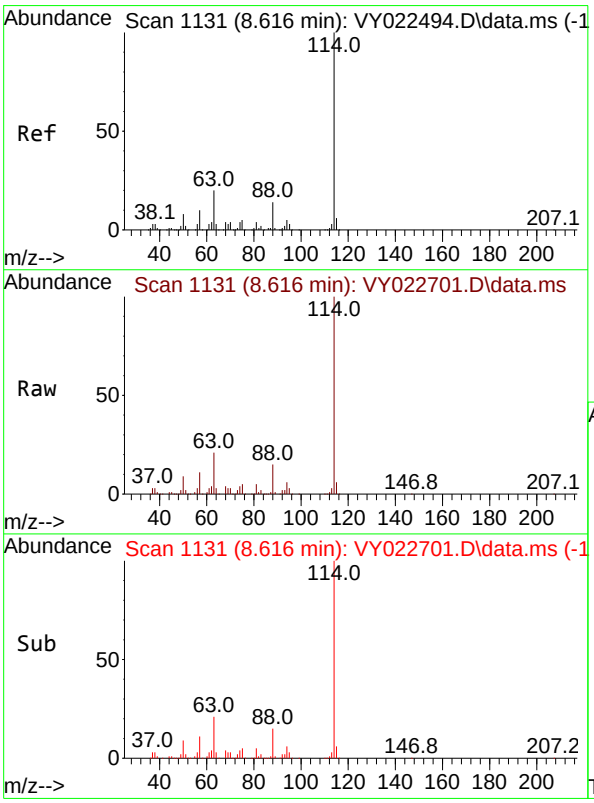
#33
1,2-Dichloroethane-d4
Concen: 55.064 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022701.D
Acq: 16 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-840-842

Tgt Ion: 65 Resp: 68926

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	103.4

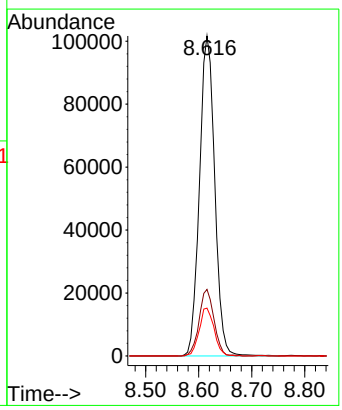


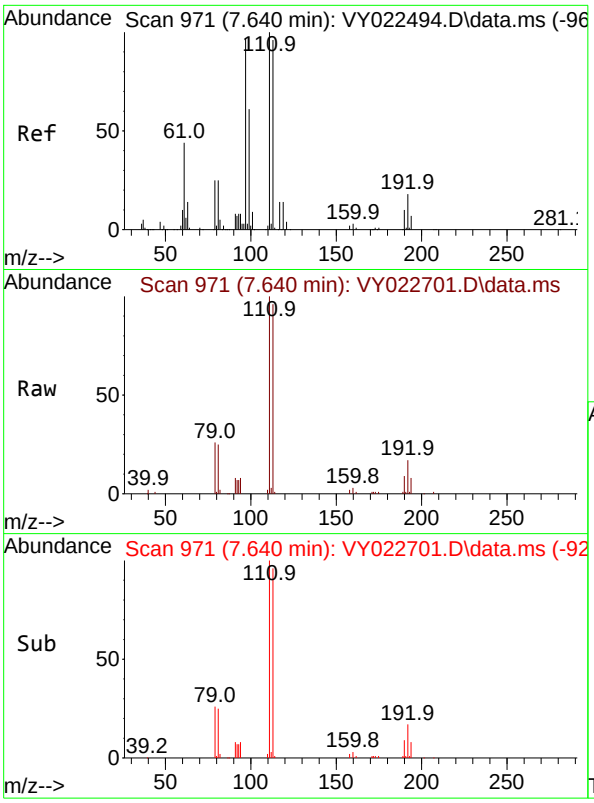


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022701.D
Acq: 16 Jun 2025 12:09

Tgt Ion:114 Resp: 203194

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.8
88	15.0	0.0	27.8



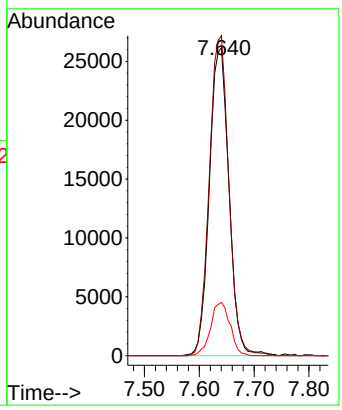


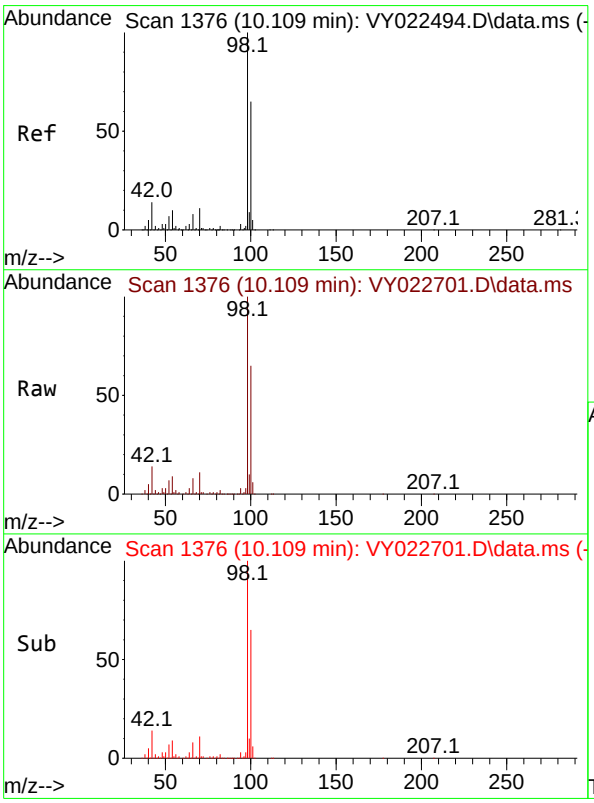
#35
Dibromofluoromethane
Concen: 53.446 ug/l
RT: 7.640 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022701.D
Acq: 16 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-840-842

Tgt Ion:113 Resp: 64820

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.1	121.7
192	17.2	14.2	21.2

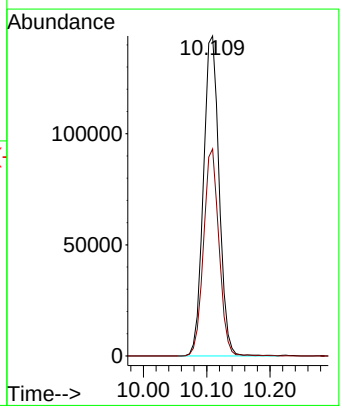


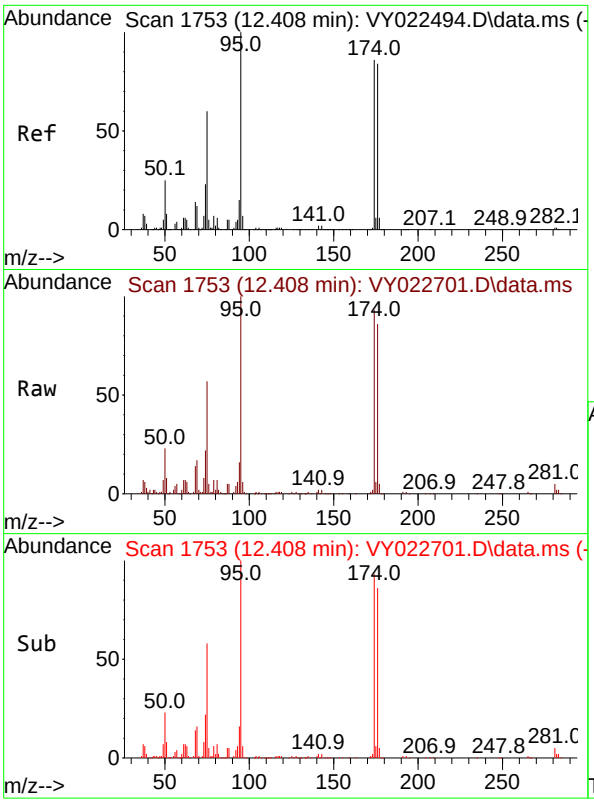


#50
Toluene-d8
Concen: 50.849 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022701.D
Acq: 16 Jun 2025 12:09

Tgt Ion: 98 Resp: 249189

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.4	77.0



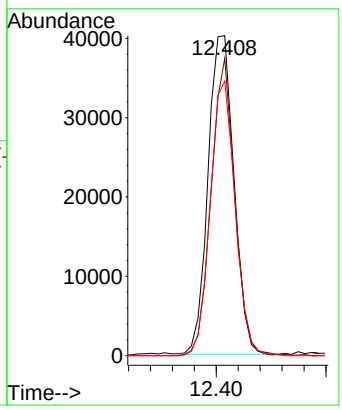


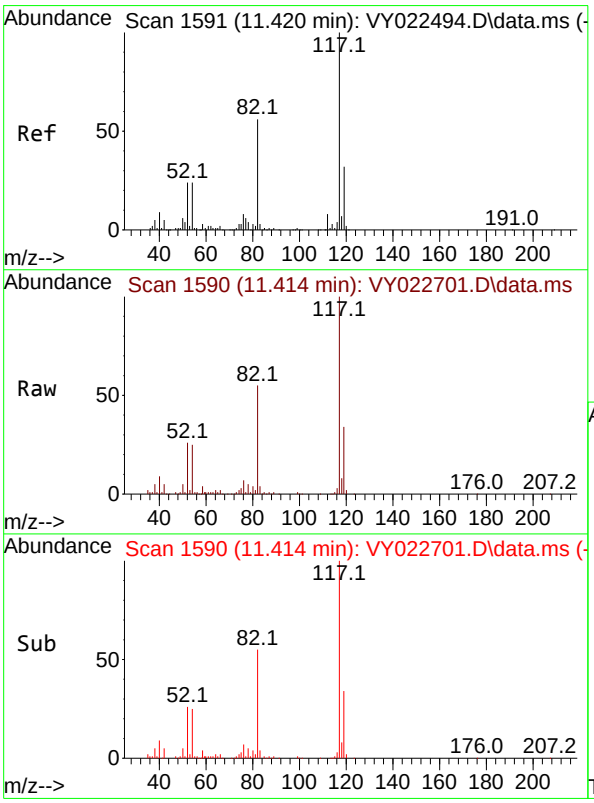
#62
4-Bromofluorobenzene
Concen: 45.139 ug/l
RT: 12.408 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022701.D
Acq: 16 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-840-842

Tgt Ion: 95 Resp: 65908

Ion	Ratio	Lower	Upper
95	100		
174	85.2	0.0	170.0
176	83.1	0.0	166.2

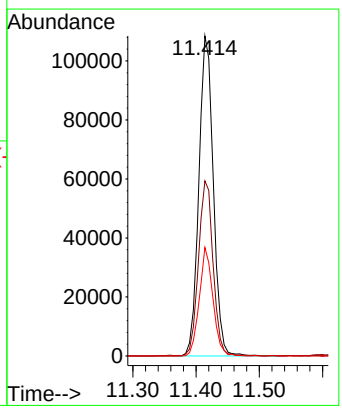


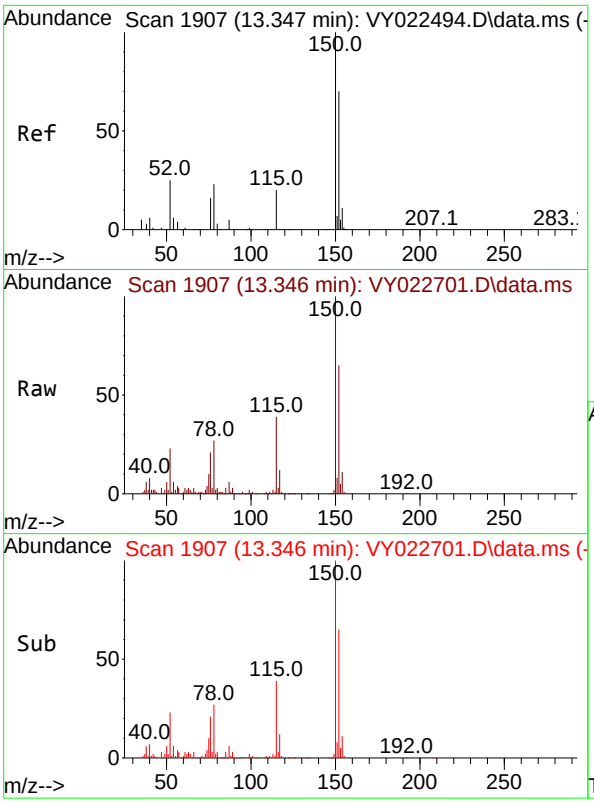


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022701.D
Acq: 16 Jun 2025 12:09

Tgt Ion:117 Resp: 172902

Ion	Ratio	Lower	Upper
117	100		
82	54.6	44.6	66.8
119	33.9	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: VY022701.D
Acq: 16 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-840-842

Tgt Ion:152 Resp: 65272

Ion	Ratio	Lower	Upper
152	100		
115	57.5	28.9	86.7
150	157.7	0.0	349.6