Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021462.D
Acq On : 07 Mar 2025 15:39
Operator : SY/MD
Sample : Q1514-01
Misc : 8.08g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ENV-105-SB01

Quant Time: Mar 07 22:02:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	267032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	482595	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	420559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	161208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	166938	59.148	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.300%			
35) Dibromofluoromethane	7.634	113	162074	51.093	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.180%			
50) Toluene-d8	10.109	98	589419	49.074	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.140%			
62) 4-Bromofluorobenzene	12.408	95	172721	42.276	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 84.560%			
Target Compounds						Qvalue
16) Acetone	3.866	43	14336	23.288	ug/l #	79
20) Methylene Chloride	4.616	84	14656	4.536	ug/l	91
25) 2-Butanone	6.896	43	3944	4.632	ug/l	95

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

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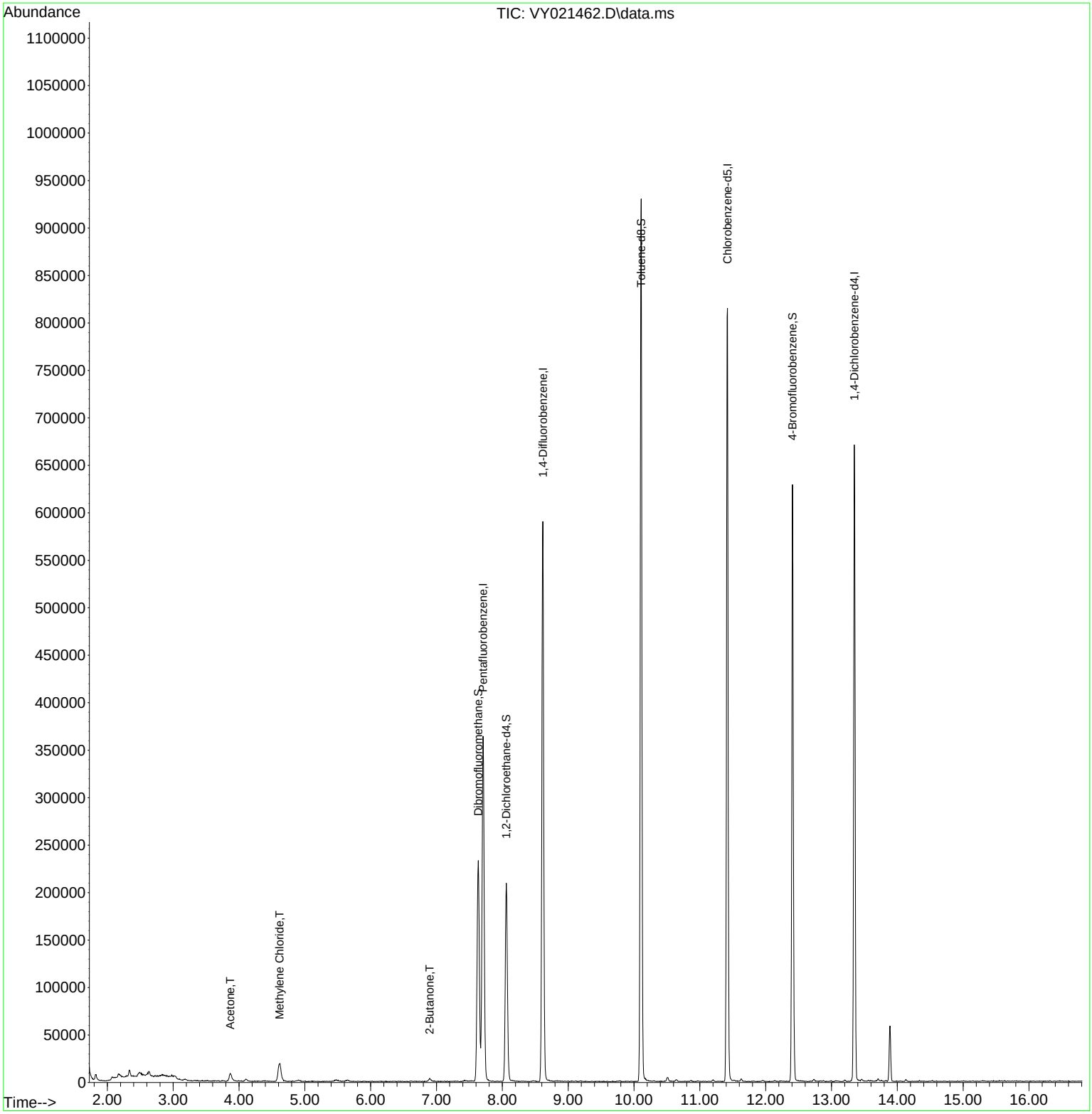
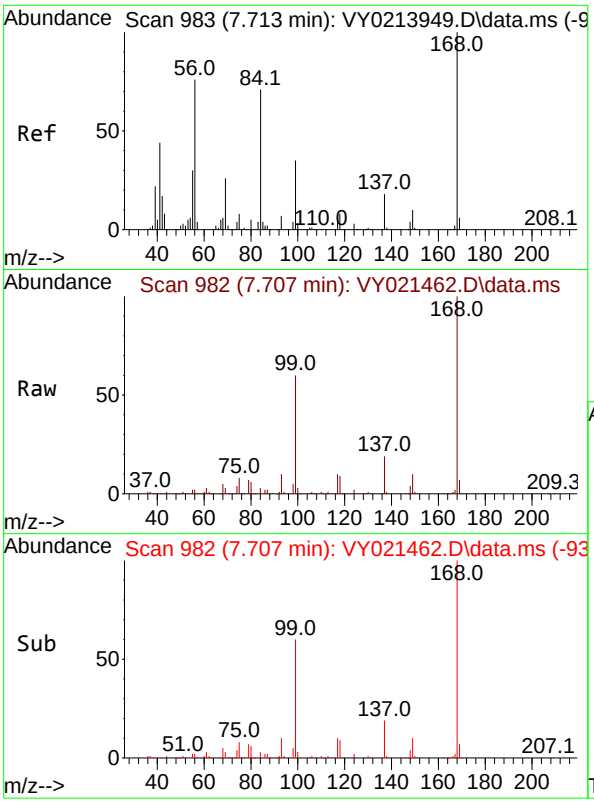


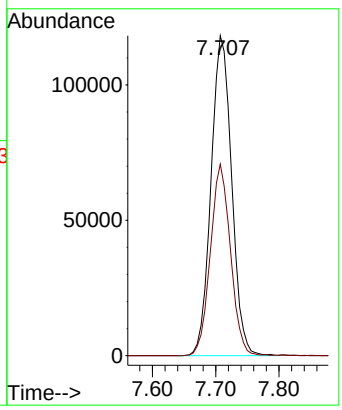


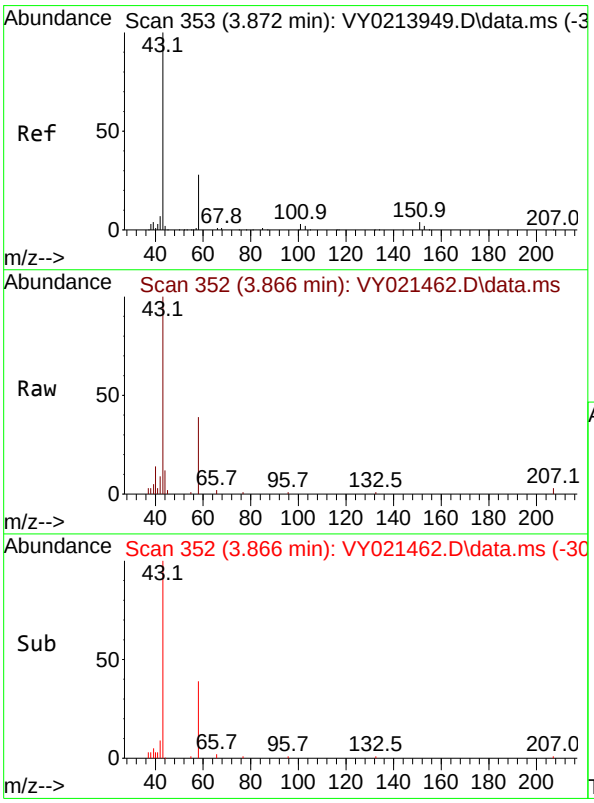
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021462.D
Acq: 07 Mar 2025 15:39

Instrument :
MSVOA_Y
ClientSampleId :
ENV-105-SB01

Tgt Ion:168 Resp: 267032

Ion	Ratio	Lower	Upper
168	100		
99	59.9	46.0	69.0

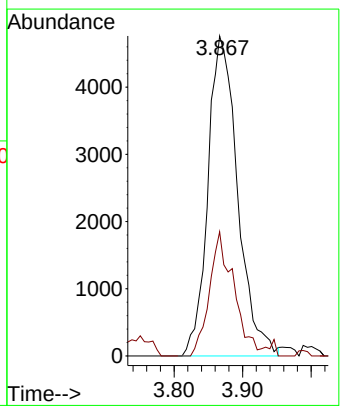


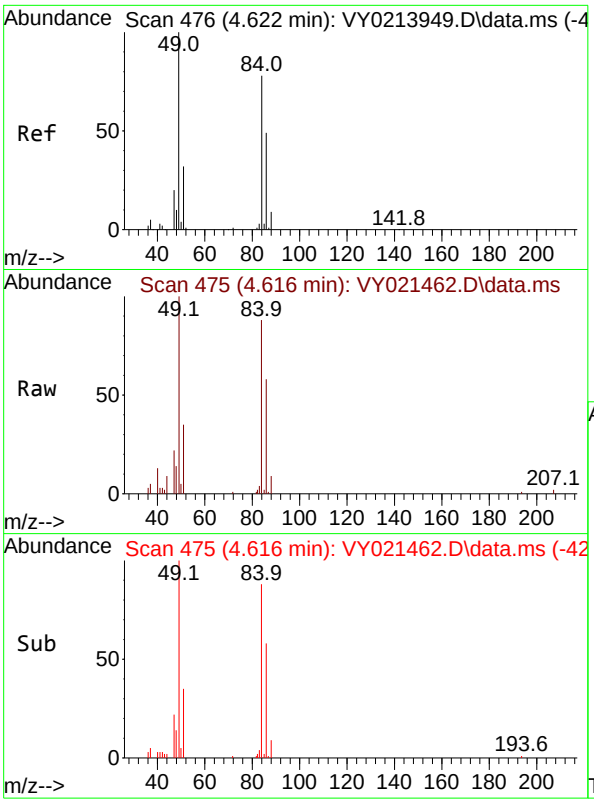


#16
Acetone
Concen: 23.288 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021462.D
Acq: 07 Mar 2025 15:39

Tgt Ion: 43 Resp: 14336

Ion	Ratio	Lower	Upper
43	100		
58	38.8	22.1	33.1#



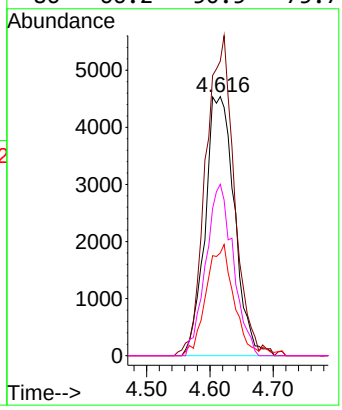


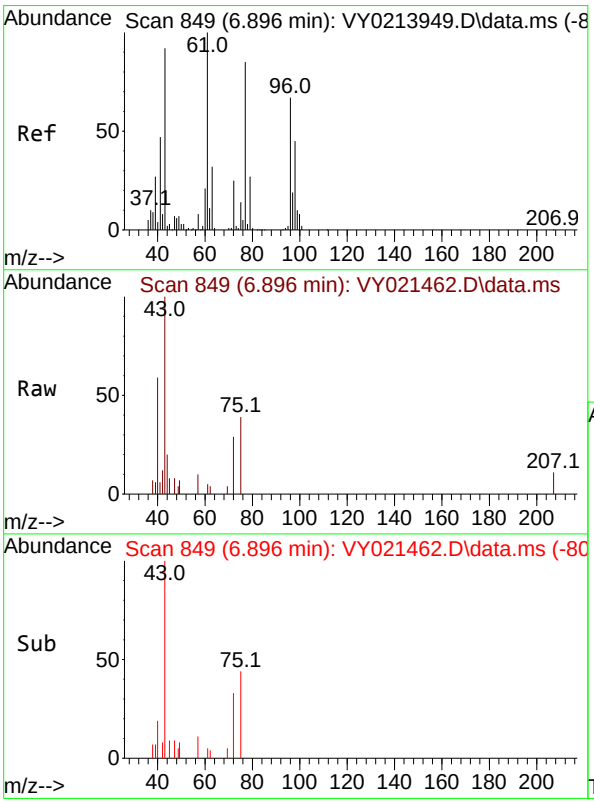
#20
Methylene Chloride
Concen: 4.536 ug/l
RT: 4.616 min Scan# 4
Delta R.T. -0.006 min
Lab File: VY021462.D
Acq: 07 Mar 2025 15:39

Instrument :
MSVOA_Y
ClientSampleId :
ENV-105-SB01

Tgt Ion: 84 Resp: 14656

Ion	Ratio	Lower	Upper
84	100		
49	112.3	102.0	153.0
51	39.6	33.0	49.6
86	66.2	50.5	75.7

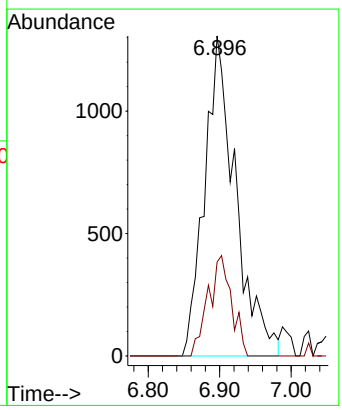


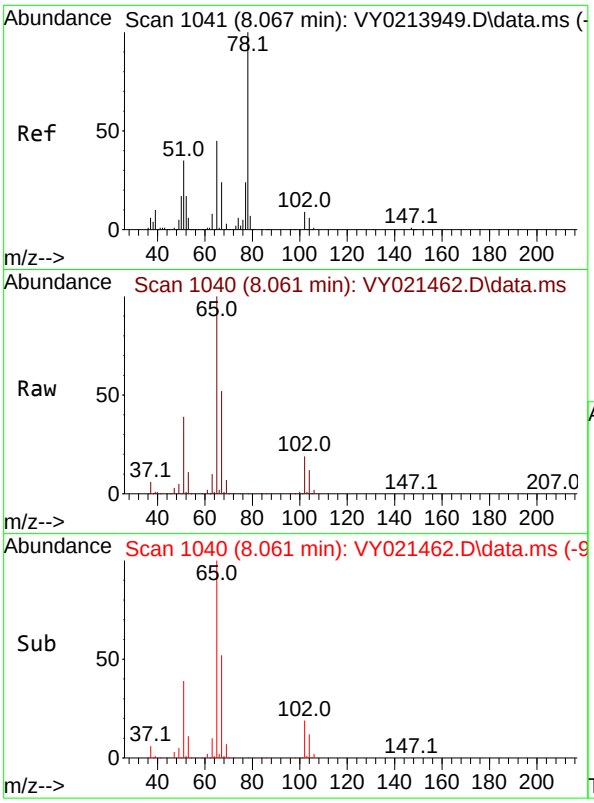


#25
2-Butanone
Concen: 4.632 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021462.D
Acq: 07 Mar 2025 15:39

Tgt Ion: 43 Resp: 3944

Ion	Ratio	Lower	Upper
43	100		
72	29.4	21.4	32.0



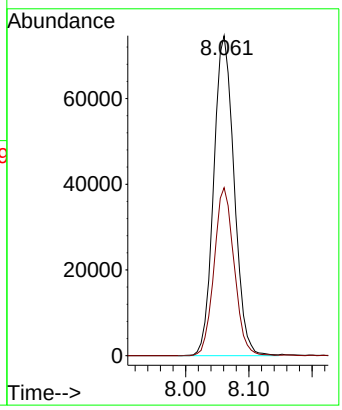


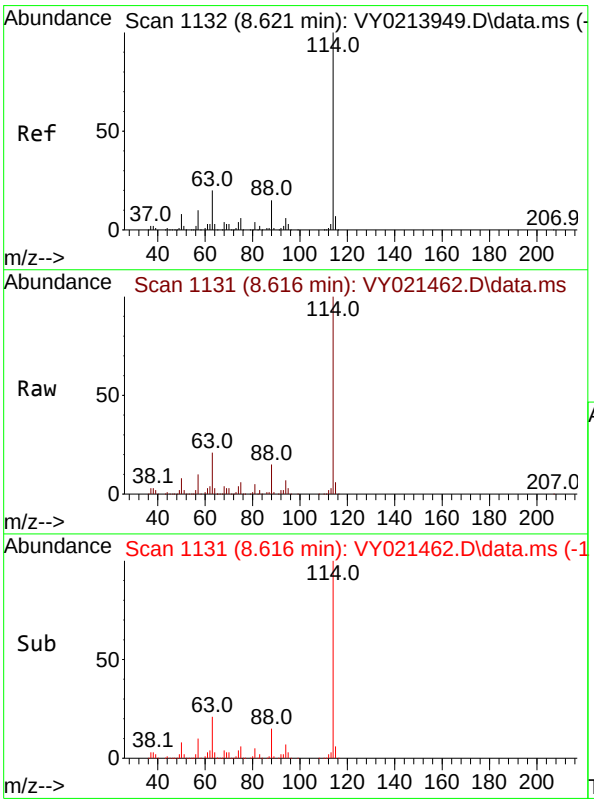
#33
1,2-Dichloroethane-d4
Concen: 59.148 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021462.D
Acq: 07 Mar 2025 15:39

Instrument :
MSVOA_Y
ClientSampleId :
ENV-105-SB01

Tgt Ion: 65 Resp: 166938

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	102.8

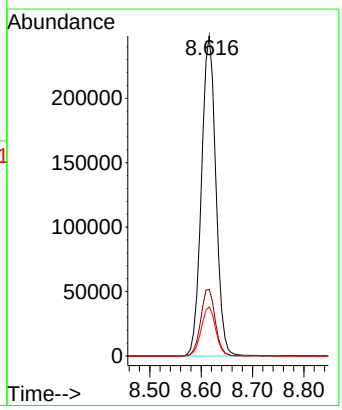


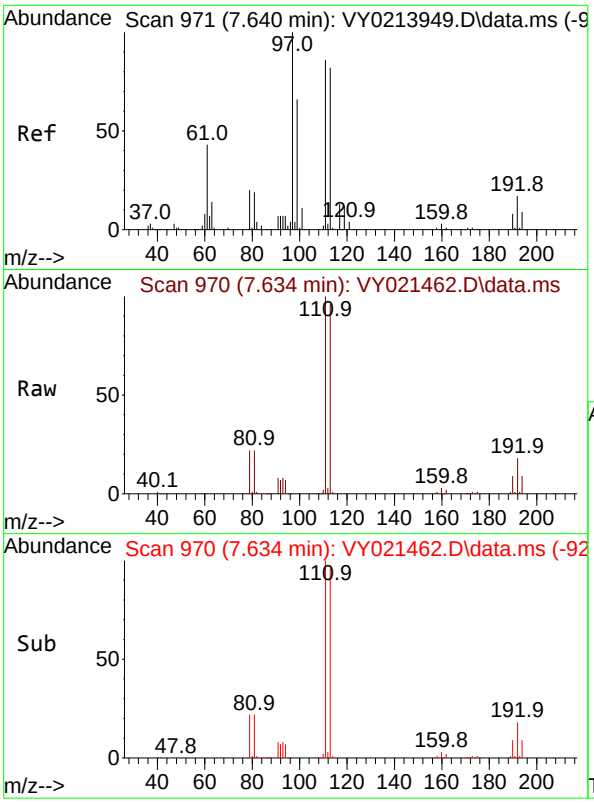


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY021462.D
Acq: 07 Mar 2025 15:39

Tgt Ion:114 Resp: 482595

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.8
88	15.4	0.0	30.8



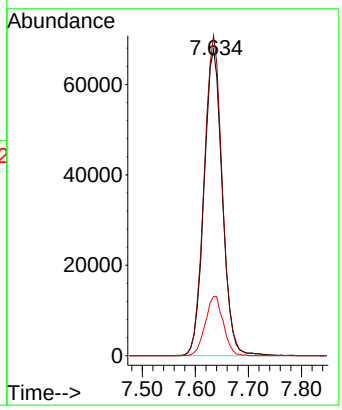


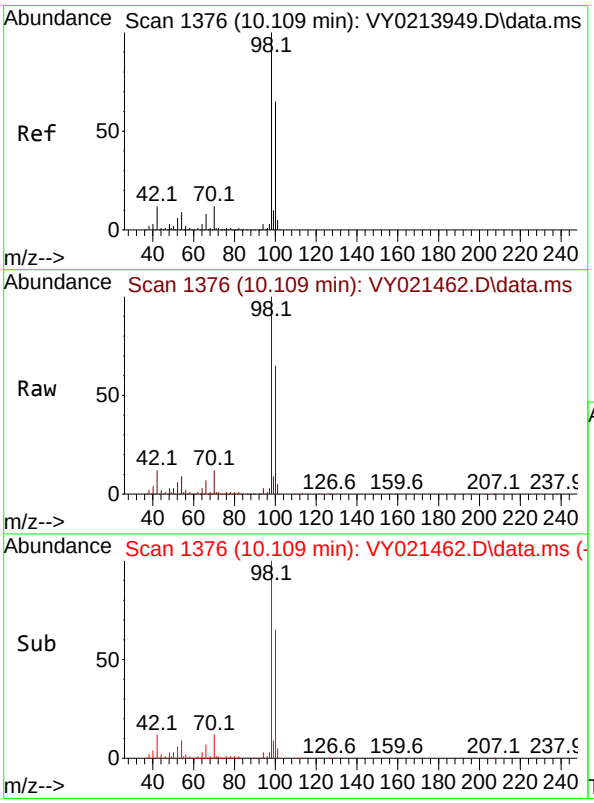
#35
Dibromofluoromethane
Concen: 51.093 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021462.D
Acq: 07 Mar 2025 15:39

Instrument :
MSVOA_Y
ClientSampleId :
ENV-105-SB01

Tgt Ion:113 Resp: 162074

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.0	123.0
192	19.1	15.9	23.9

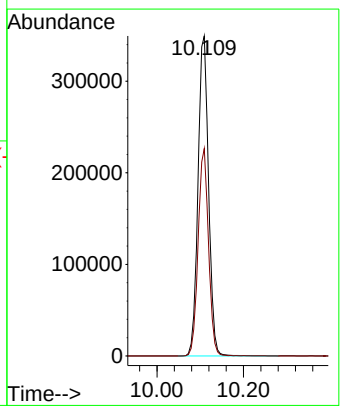


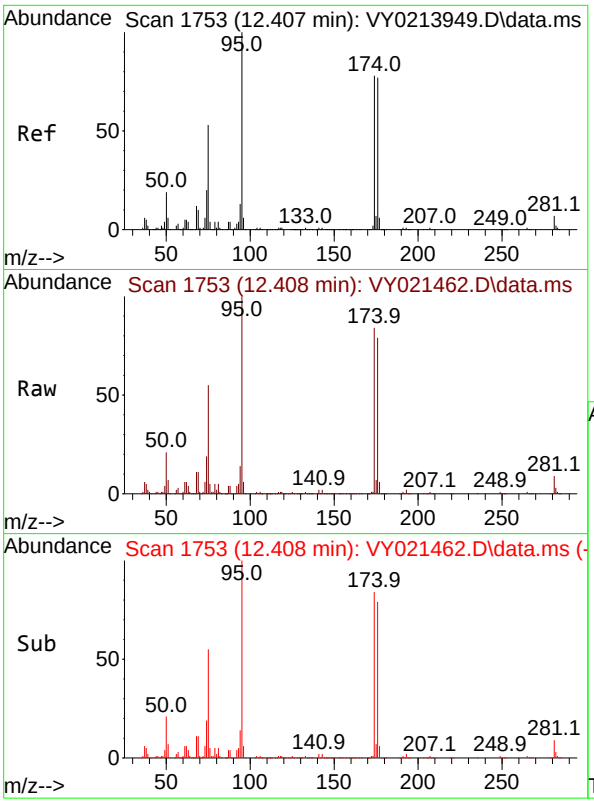


#50
Toluene-d8
Concen: 49.074 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021462.D
Acq: 07 Mar 2025 15:39

Tgt Ion: 98 Resp: 589419

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.1	78.1



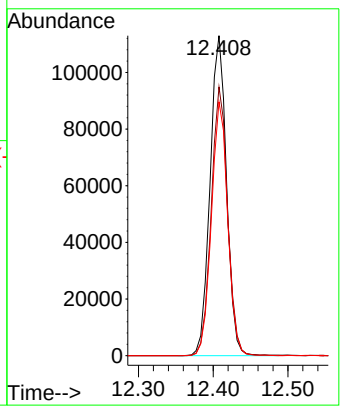


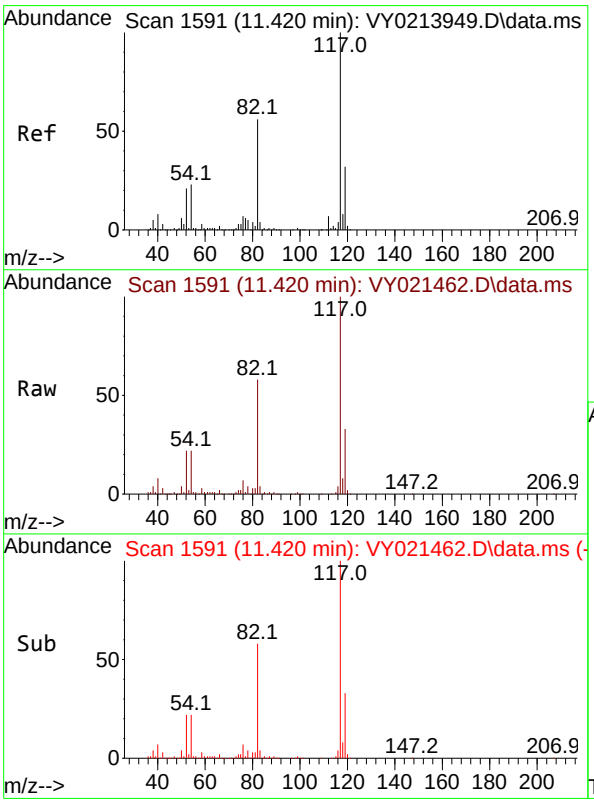
#62
4-Bromofluorobenzene
Concen: 42.276 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021462.D
Acq: 07 Mar 2025 15:39

Instrument :
MSVOA_Y
ClientSampleId :
ENV-105-SB01

Tgt Ion: 95 Resp: 172721

Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	165.0
176	78.8	0.0	160.0

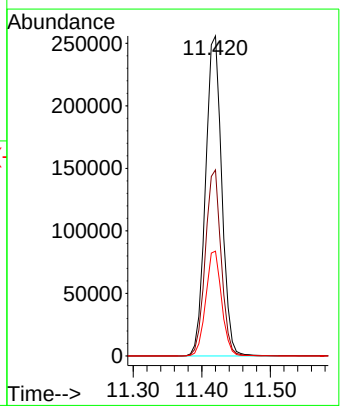


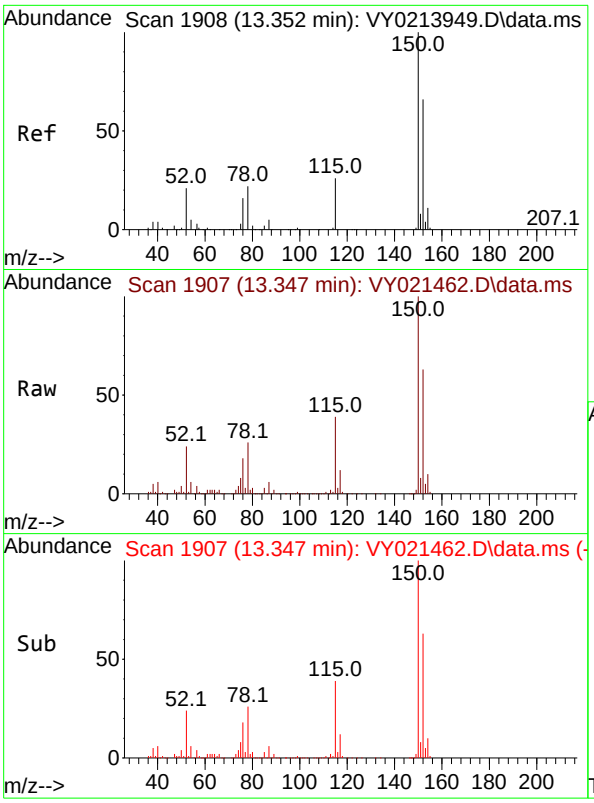


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021462.D
Acq: 07 Mar 2025 15:39

Tgt Ion:117 Resp: 420559

Ion	Ratio	Lower	Upper
117	100		
82	58.2	44.6	67.0
119	32.7	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021462.D
Acq: 07 Mar 2025 15:39

Instrument :
MSVOA_Y
ClientSampleId :
ENV-105-SB01

Tgt Ion:152 Resp: 161208

Ion	Ratio	Lower	Upper
152	100		
115	58.9	29.0	87.0
150	157.6	0.0	347.2