Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
Data File : VY021111.D
Acq On : 06 Feb 2025 15:11
Operator : SY/MD
Sample : Q1289-04
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FL-DRUMS-B

Quant Time: Feb 07 04:30:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	18506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	26209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	16844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	3815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	7235	38.157	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 76.320%			
35) Dibromofluoromethane	7.634	113	7713	45.920	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.840%			
50) Toluene-d8	10.109	98	27274	42.652	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 85.300%			
62) 4-Bromofluorobenzene	12.414	95	5557	26.600	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 53.200%			
Target Compounds						Qvalue
16) Acetone	3.854	43	30951	1046.736	ug/l	93
29) Tetrahydrofuran	7.262	42	28283	860.212	ug/l	96

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

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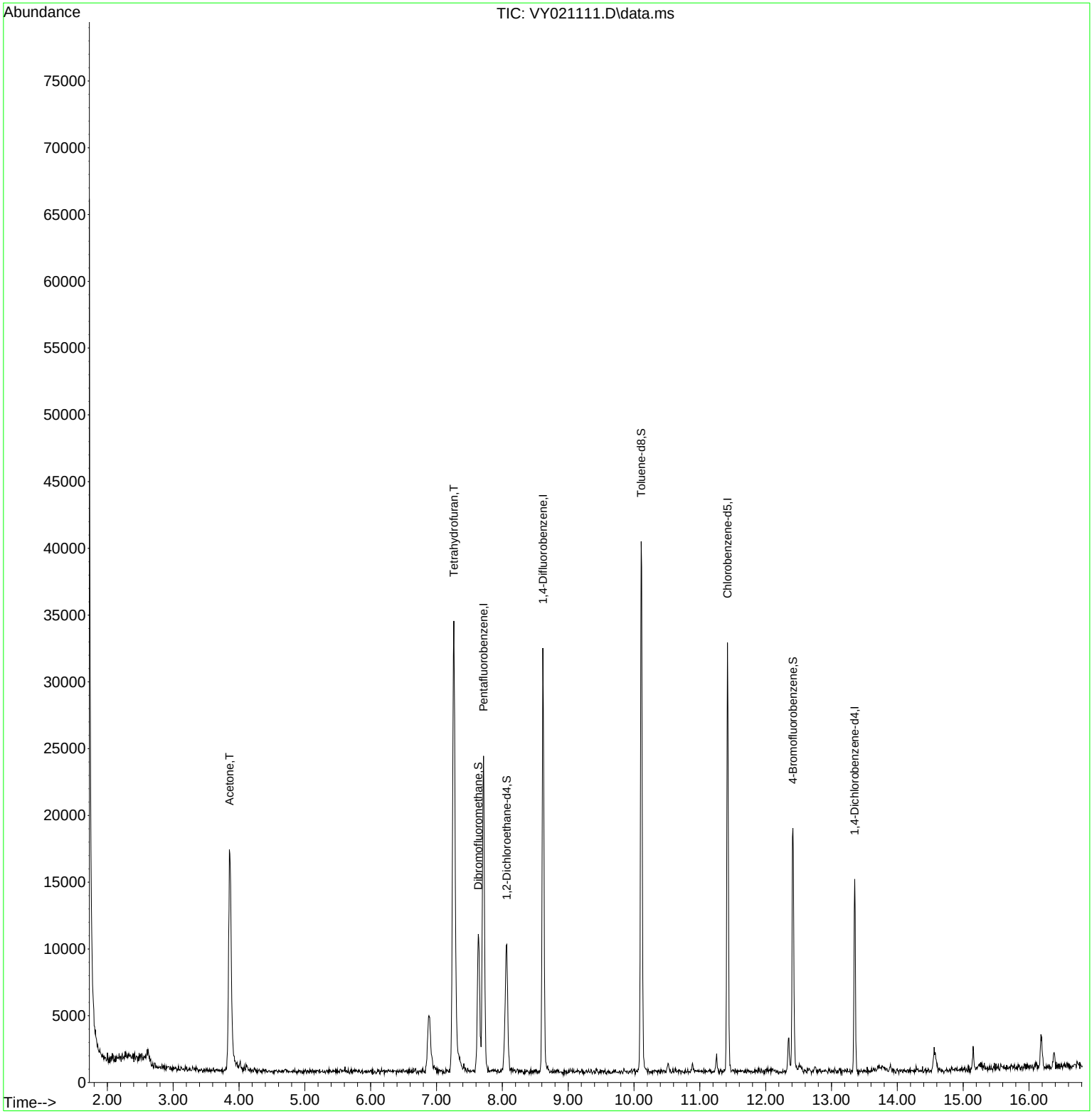
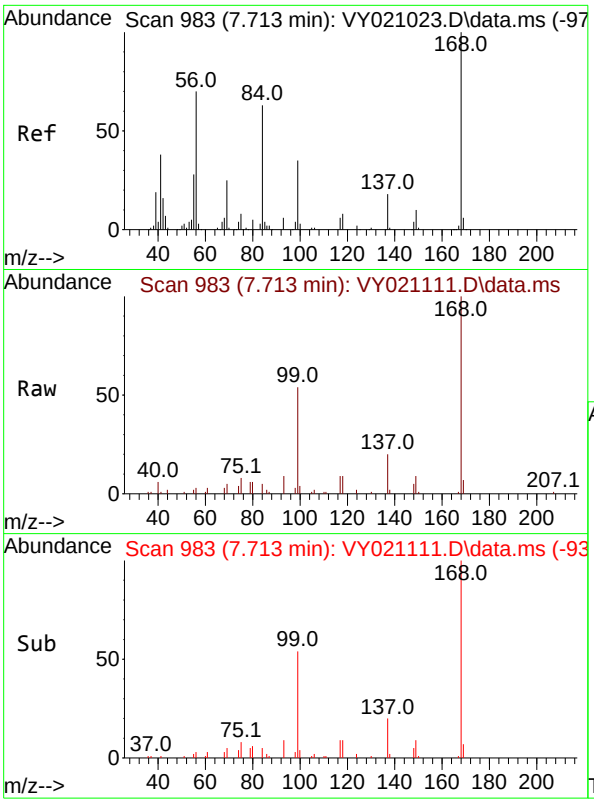


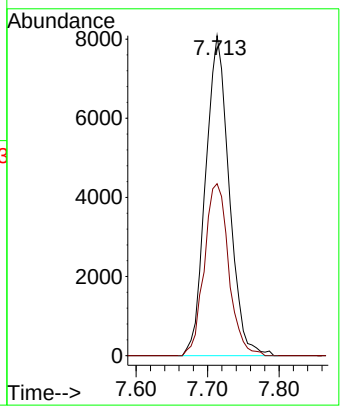


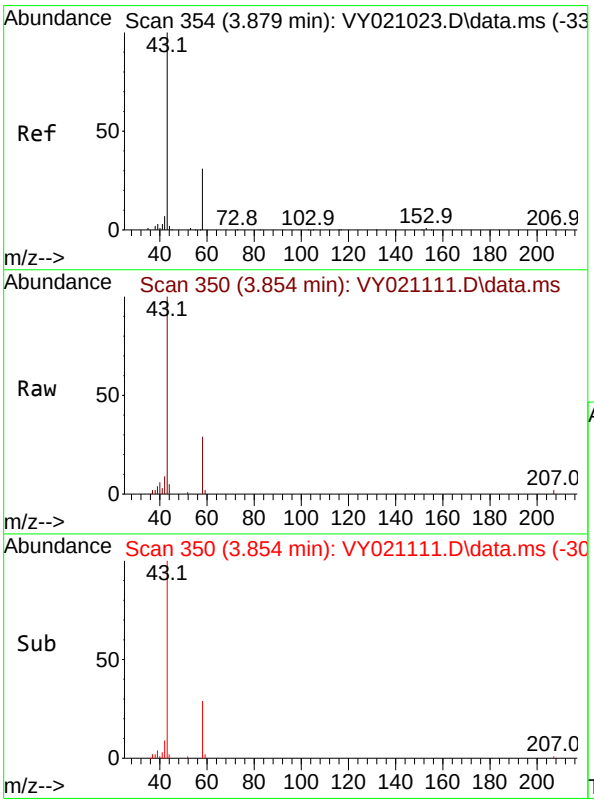
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021111.D
Acq: 06 Feb 2025 15:11

Instrument :
MSVOA_Y
ClientSampleId :
FL-DRUMS-B

Tgt Ion:168 Resp: 18506

Ion	Ratio	Lower	Upper
168	100		
99	53.8	44.2	66.4

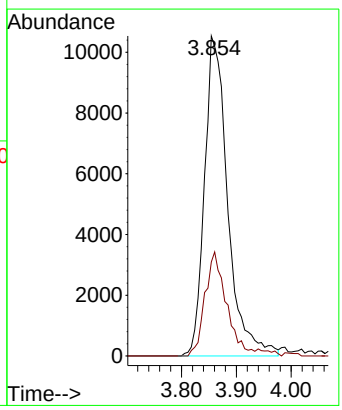


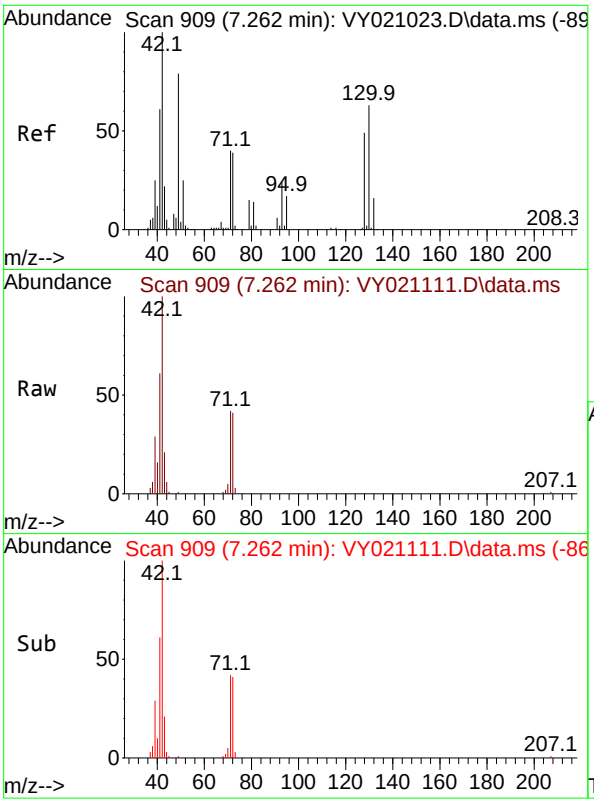


#16
Acetone
Concen: 1046.736 ug/l
RT: 3.854 min Scan# 350
Delta R.T. -0.025 min
Lab File: VY021111.D
Acq: 06 Feb 2025 15:11

Tgt Ion: 43 Resp: 30951

Ion	Ratio	Lower	Upper
43	100		
58	29.3	26.6	39.8



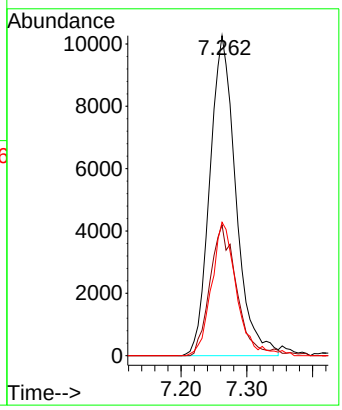


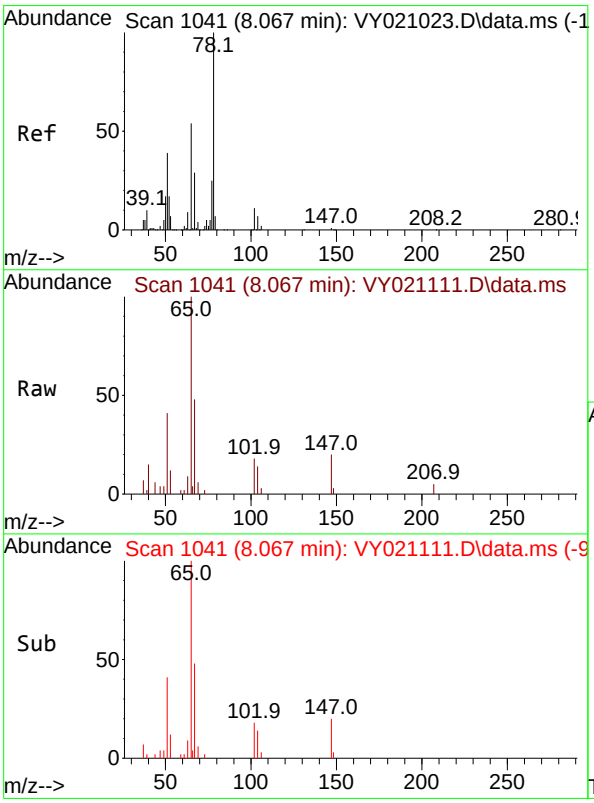
#29
Tetrahydrofuran
Concen: 860.212 ug/l
RT: 7.262 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021111.D
Acq: 06 Feb 2025 15:11

Instrument :
MSVOA_Y
ClientSampleId :
FL-DRUMS-B

Tgt Ion: 42 Resp: 28283

Ion	Ratio	Lower	Upper
42	100		
72	42.0	36.6	54.8
71	40.2	33.8	50.6

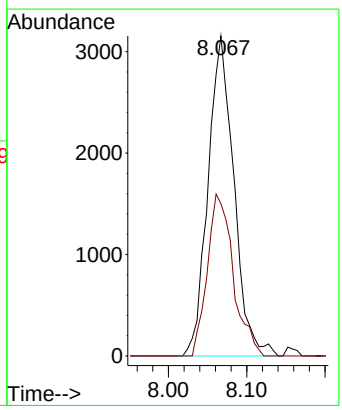


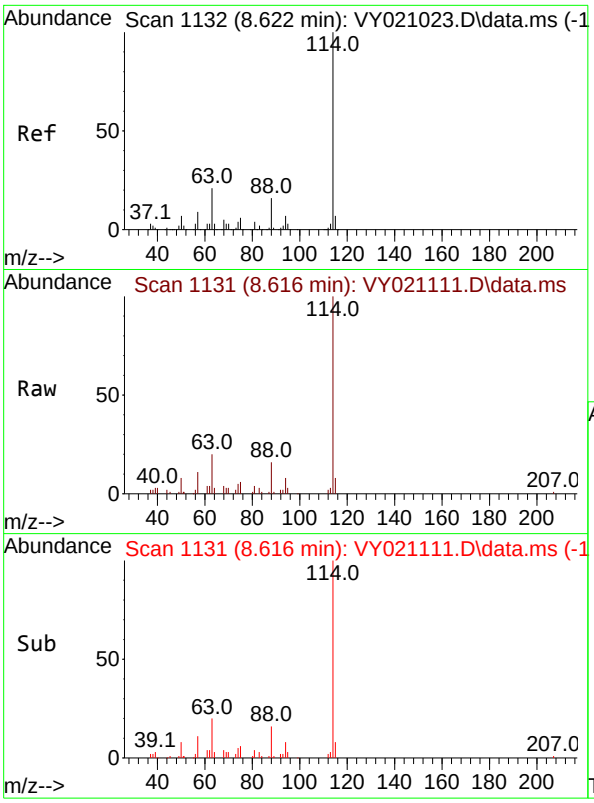


#33
1,2-Dichloroethane-d4
Concen: 38.157 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021111.D
Acq: 06 Feb 2025 15:11

Tgt Ion: 65 Resp: 7235

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	109.0



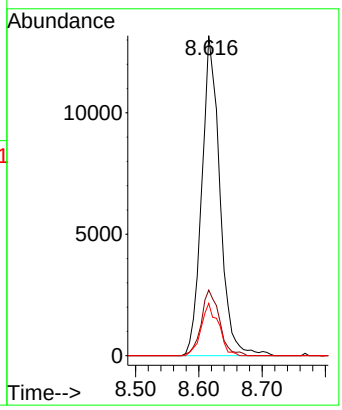


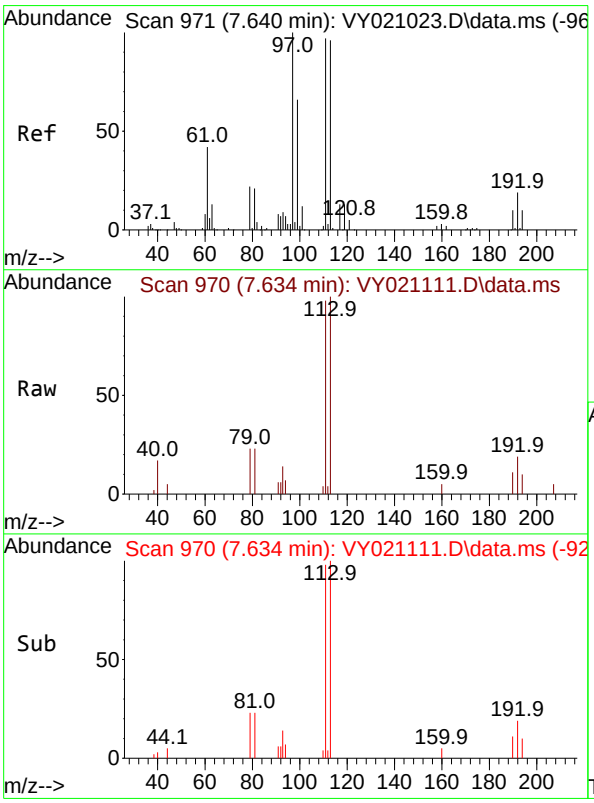
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021111.D
Acq: 06 Feb 2025 15:11

Instrument :
MSVOA_Y
ClientSampleId :
FL-DRUMS-B

Tgt Ion:114 Resp: 26209

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	37.4
88	16.4	0.0	29.0

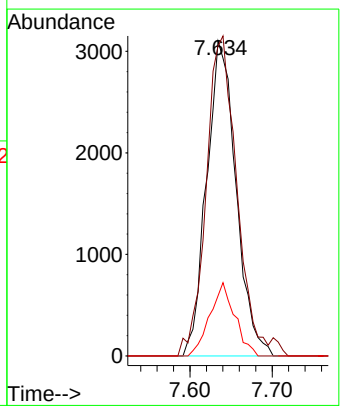


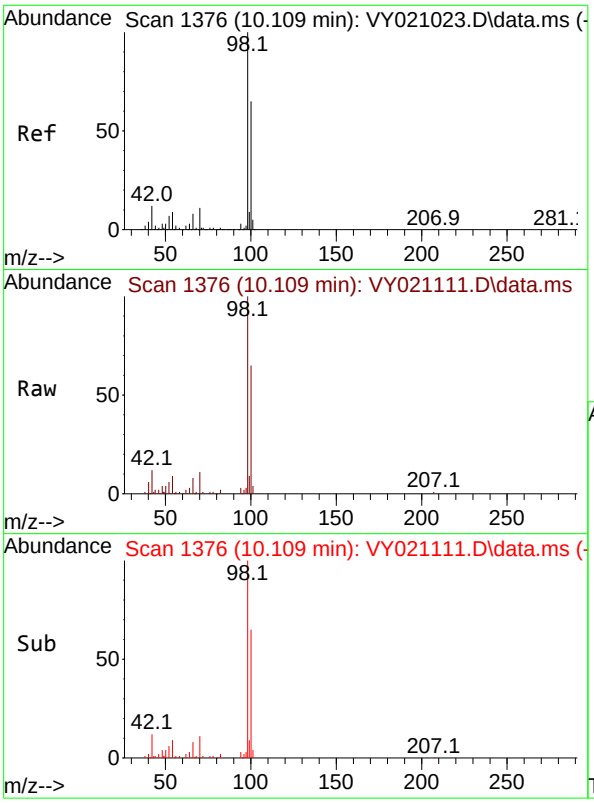


#35
Dibromofluoromethane
Concen: 45.920 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021111.D
Acq: 06 Feb 2025 15:11

Tgt Ion:113 Resp: 7713

Ion	Ratio	Lower	Upper
113	100		
111	106.6	83.8	125.6
192	19.8	14.5	21.7



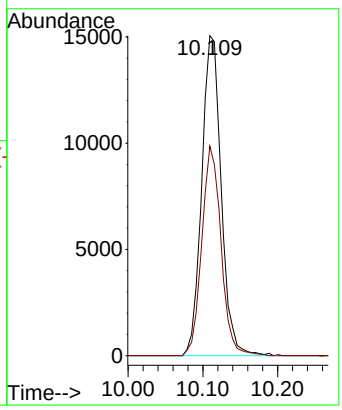


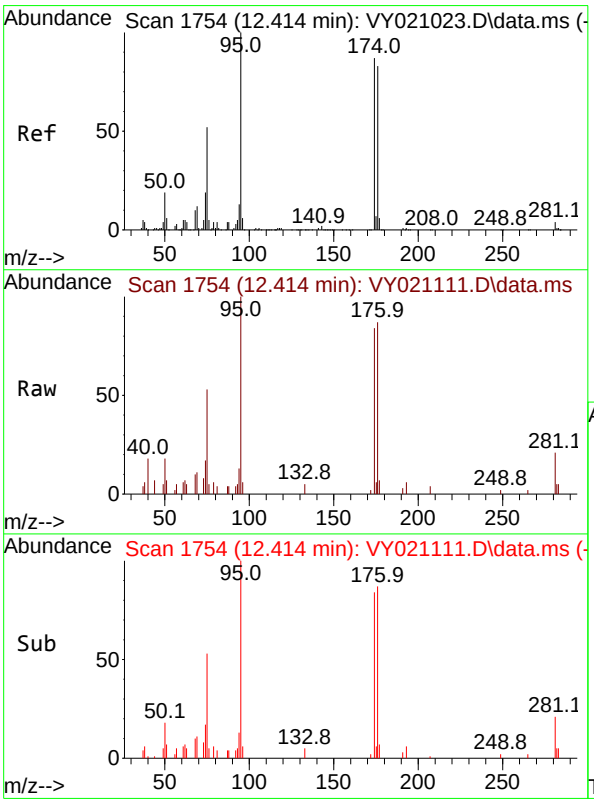
#50
Toluene-d8
Concen: 42.652 ug/l
RT: 10.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021111.D
Acq: 06 Feb 2025 15:11

Instrument :
MSVOA_Y
ClientSampleId :
FL-DRUMS-B

Tgt Ion: 98 Resp: 27274

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.3	78.5

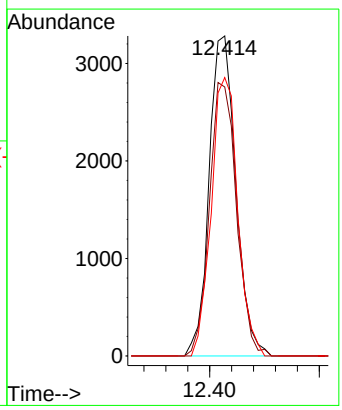


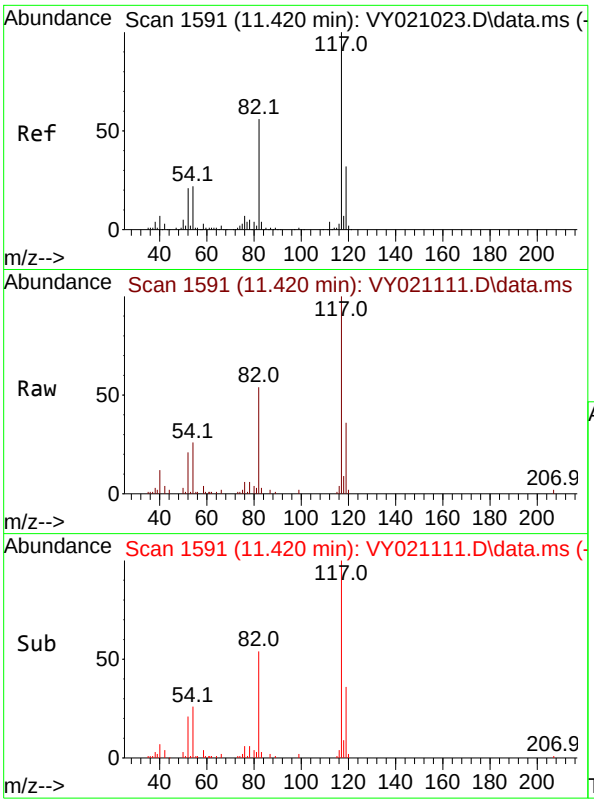


#62
4-Bromofluorobenzene
Concen: 26.600 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021111.D
Acq: 06 Feb 2025 15:11

Tgt Ion: 95 Resp: 5557

Ion	Ratio	Lower	Upper
95	100		
174	86.4	0.0	160.0
176	86.2	0.0	151.8



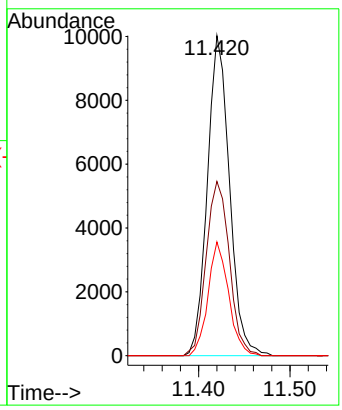


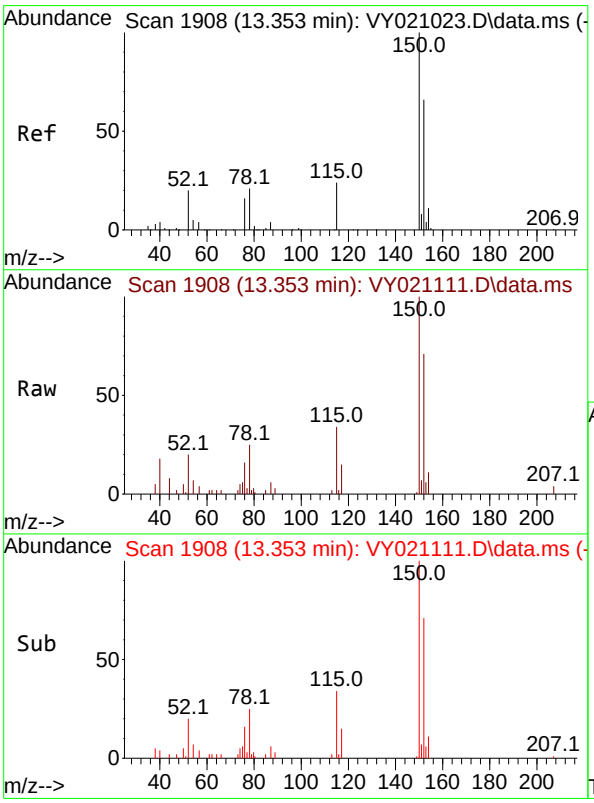
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021111.D
Acq: 06 Feb 2025 15:11

Instrument :
MSVOA_Y
ClientSampleId :
FL-DRUMS-B

Tgt Ion:117 Resp: 16844

Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.8	65.8
119	35.6	26.5	39.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021111.D
Acq: 06 Feb 2025 15:11

Tgt Ion:152 Resp: 3815

Ion	Ratio	Lower	Upper
152	100		
115	59.5	30.0	90.0
150	160.7	0.0	344.6