Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011425\
Data File : VY020818.D
Acq On : 14 Jan 2025 13:15
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 15 03:28:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.726	168	181469	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	287106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	227081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	82381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	91796	59.514	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.020%			
35) Dibromofluoromethane	7.652	113	88831	49.386	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.780%			
50) Toluene-d8	10.121	98	324593	51.767	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.540%			
62) 4-Bromofluorobenzene	12.420	95	92165	39.803	ug/l	0.01
Spiked Amount 50.000	Range 29 - 146		Recovery = 79.600%			
Target Compounds						Qvalue

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

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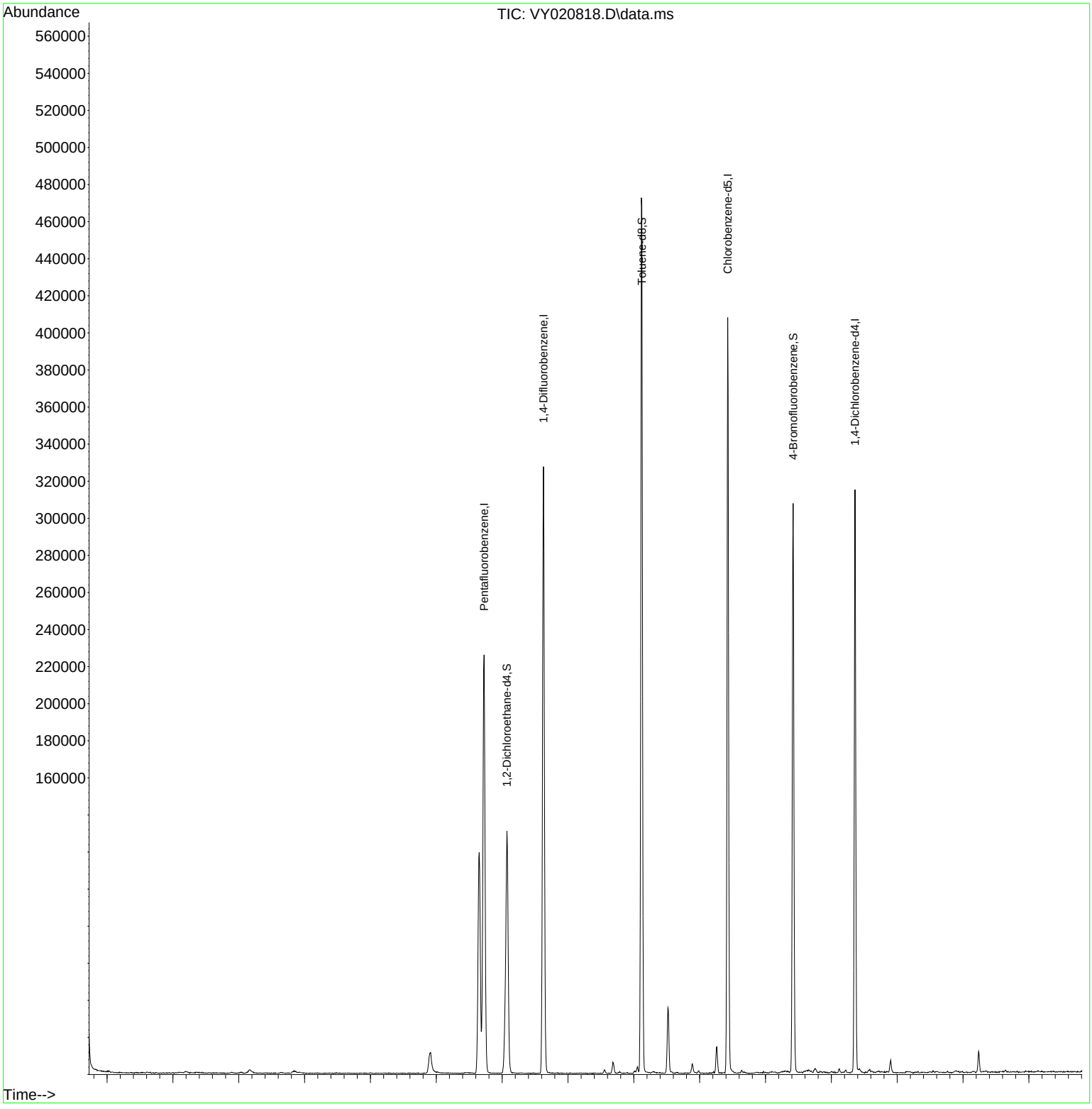
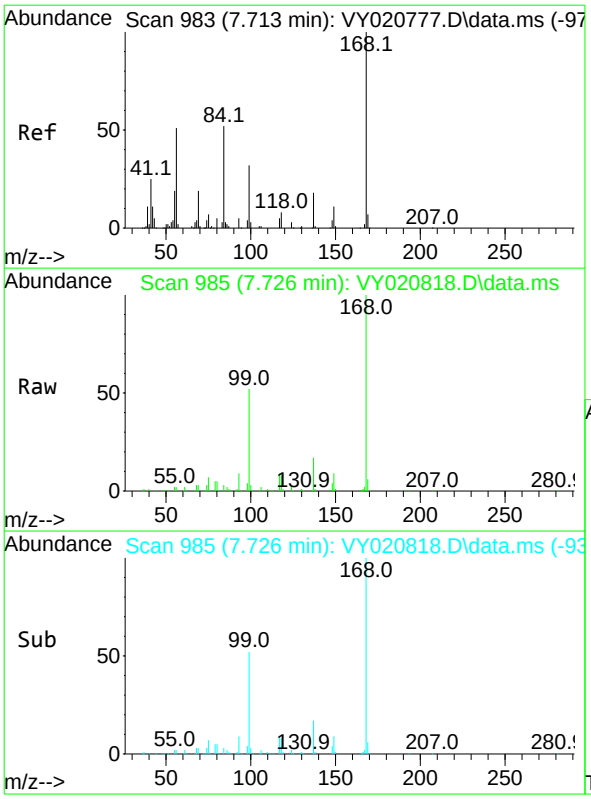
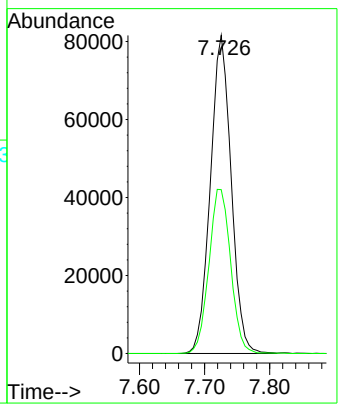


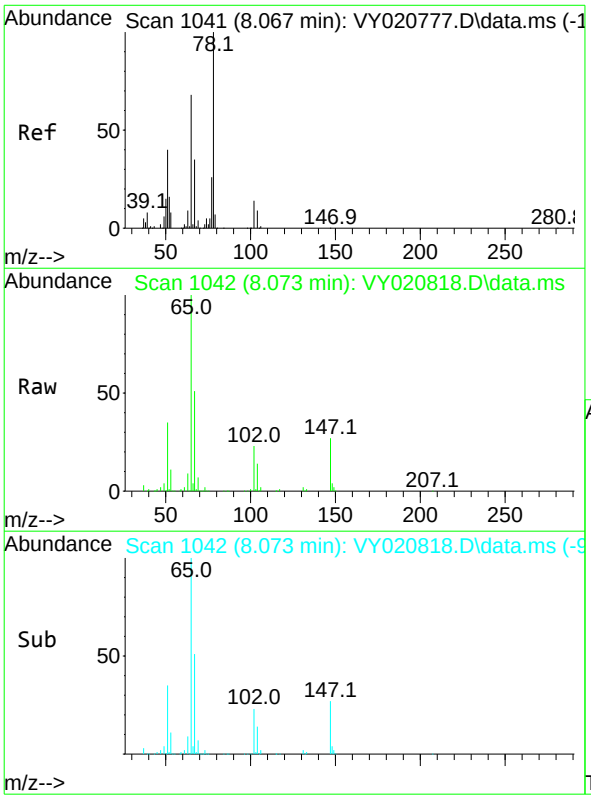


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 985
Delta R.T. 0.013 min
Lab File: VY020818.D
Acq: 14 Jan 2025 13:15

Tgt Ion:168 Resp: 181469

Ion	Ratio	Lower	Upper
168	100		
99	51.5	44.3	66.5

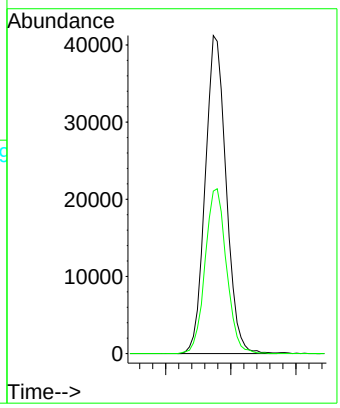


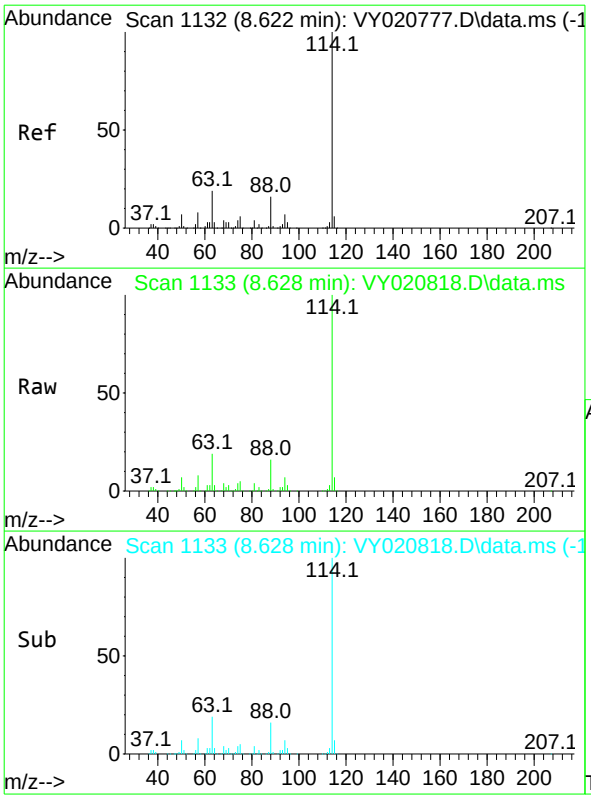


#33
1,2-Dichloroethane-d4
Concen: 59.514 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY020818.D
Acq: 14 Jan 2025 13:15

Tgt Ion: 65 Resp: 91796

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	102.8

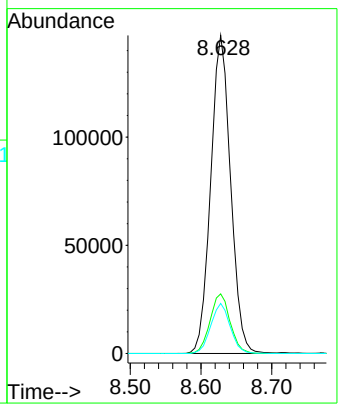


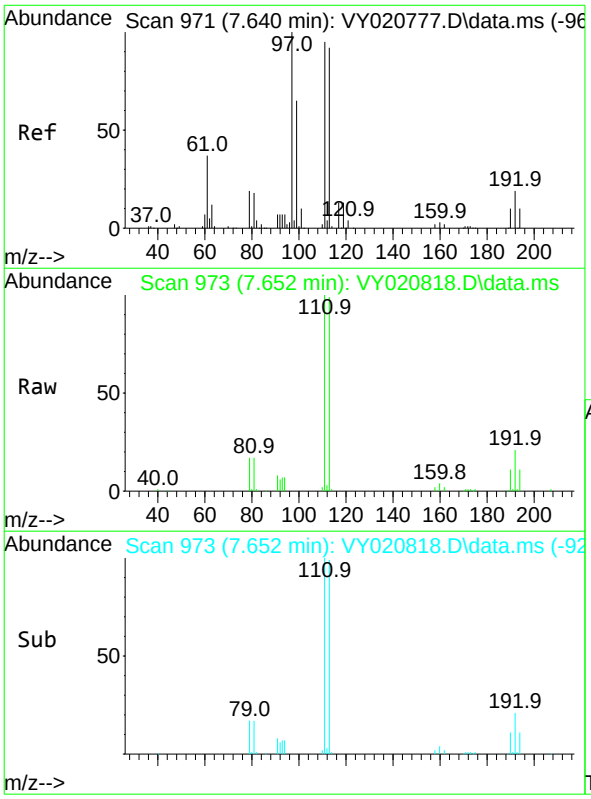


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.628 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VY020818.D
Acq: 14 Jan 2025 13:15

Tgt Ion:114 Resp: 287106

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	38.4
88	15.7	0.0	31.2

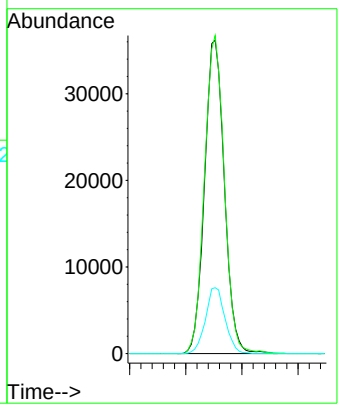


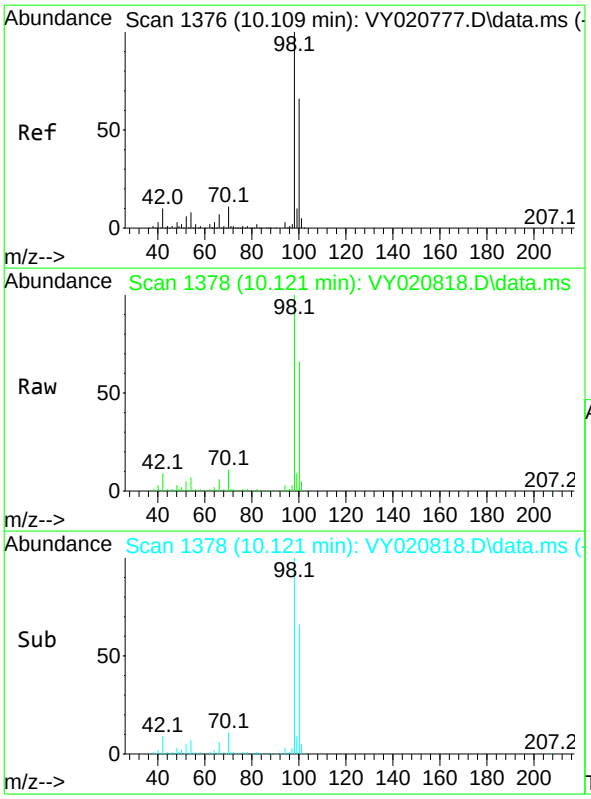


#35
Dibromofluoromethane
Concen: 49.386 ug/l
RT: 7.652 min Scan# 973
Delta R.T. 0.012 min
Lab File: VY020818.D
Acq: 14 Jan 2025 13:15

Tgt Ion:113 Resp: 88831

Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.7	122.5
192	20.7	16.7	25.1

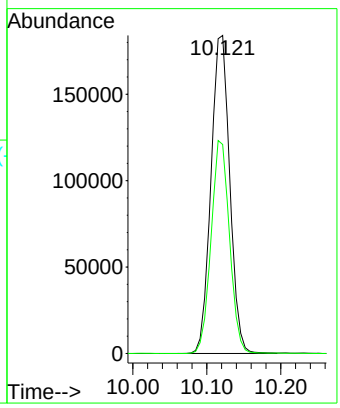


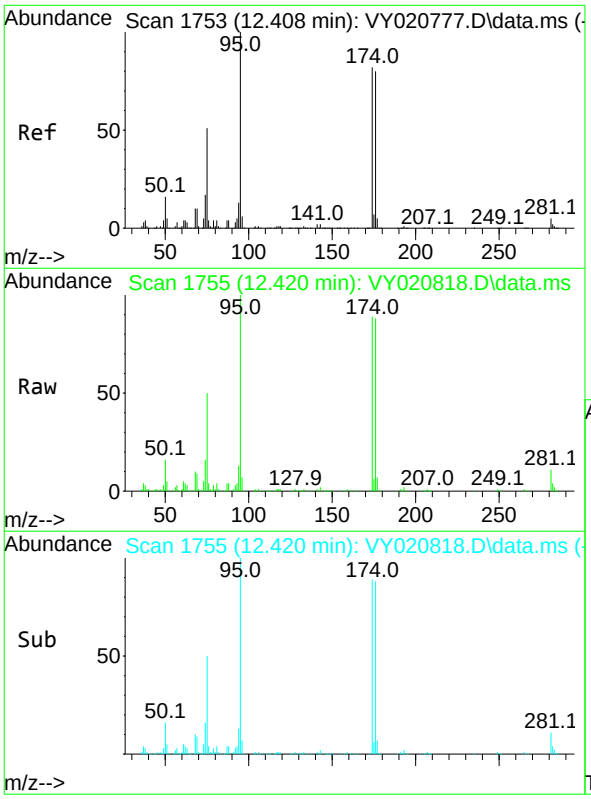


#50
Toluene-d8
Concen: 51.767 ug/l
RT: 10.121 min Scan# 1378
Delta R.T. 0.012 min
Lab File: VY020818.D
Acq: 14 Jan 2025 13:15

Tgt Ion: 98 Resp: 324593

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.5	78.7

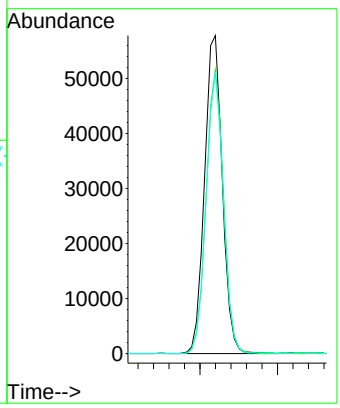


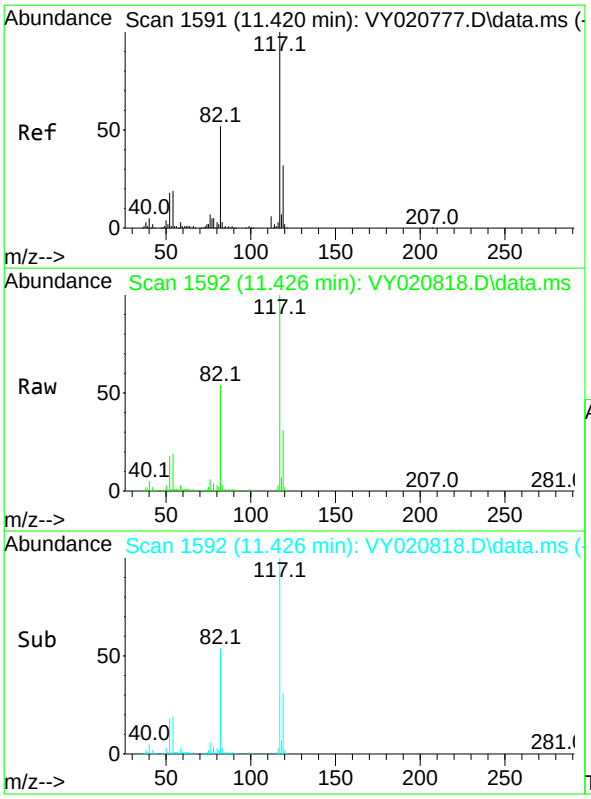


#62
4-Bromofluorobenzene
Concen: 39.803 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.012 min
Lab File: VY020818.D
Acq: 14 Jan 2025 13:15

Tgt Ion: 95 Resp: 92165

Ion	Ratio	Lower	Upper
95	100		
174	88.0	0.0	178.0
176	85.8	0.0	172.0

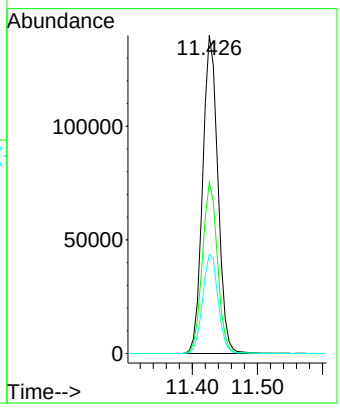


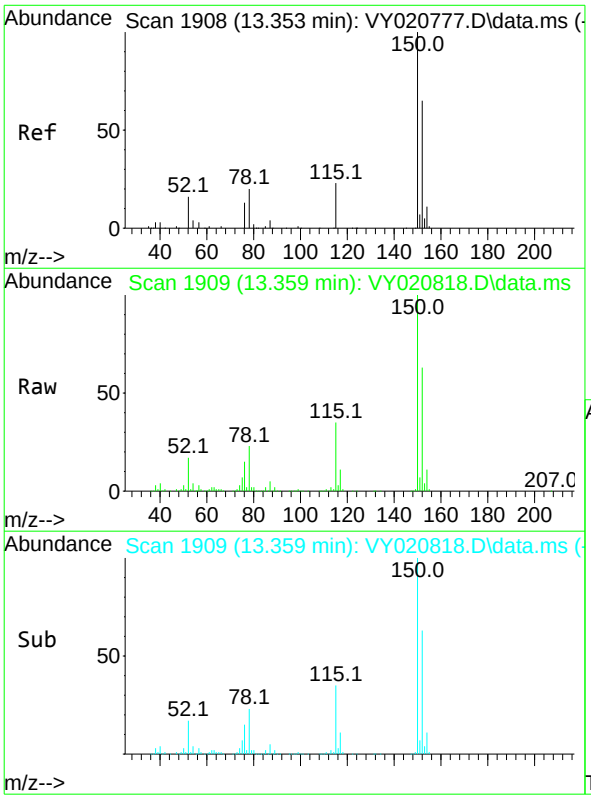


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY020818.D
Acq: 14 Jan 2025 13:15

Tgt Ion:117 Resp: 227081

Ion	Ratio	Lower	Upper
117	100		
82	53.9	41.8	62.6
119	31.2	25.8	38.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY020818.D
Acq: 14 Jan 2025 13:15

Tgt Ion:152 Resp: 82381

Ion	Ratio	Lower	Upper
152	100		
115	57.0	29.0	87.0
150	158.2	0.0	347.4