Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072423\
Data File : VY014767.D
Acq On : 24 Jul 2023 13:09
Operator : SY/MD
Sample : O3706-04
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-P10B

Quant Time: Jul 24 13:47:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	56200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	92090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	77929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	34432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	28876	45.089	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 90.180%			
35) Dibromofluoromethane	7.710	113	26995	46.049	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.100%			
50) Toluene-d8	10.179	98	107037	49.525	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.040%			
62) 4-Bromofluorobenzene	12.477	95	35651	43.020	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 86.040%			

Target Compounds Qvalue

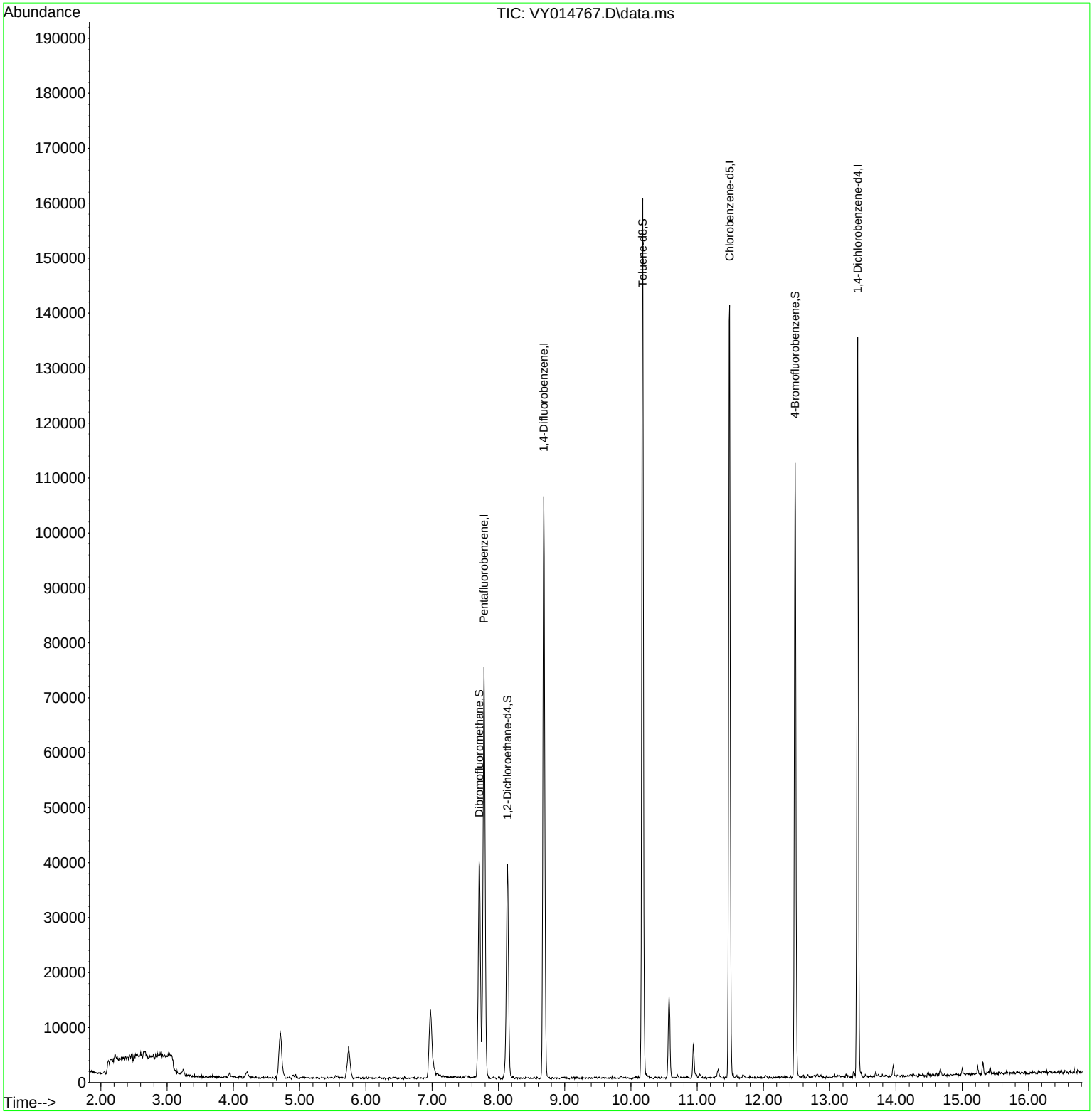
(#) = qualifier out of range (m) = manual integration (+) = signals summed

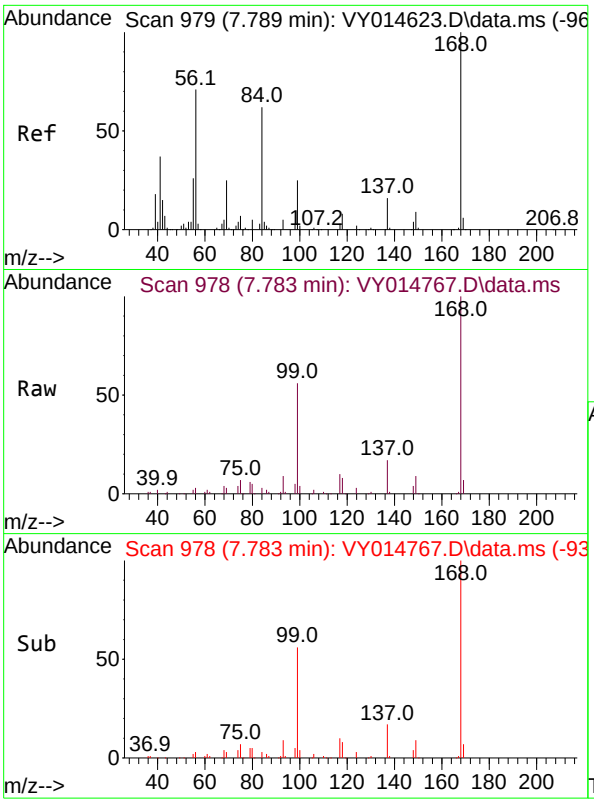
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072423\
Data File : VY014767.D
Acq On : 24 Jul 2023 13:09
Operator : SY/MD
Sample : O3706-04
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-P10B

Quant Time: Jul 24 13:47:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration



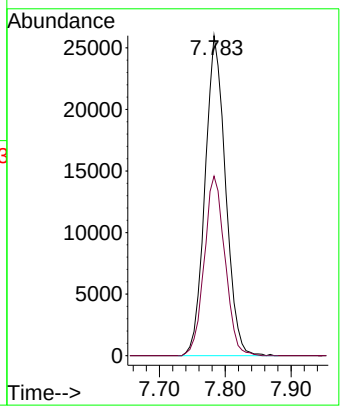


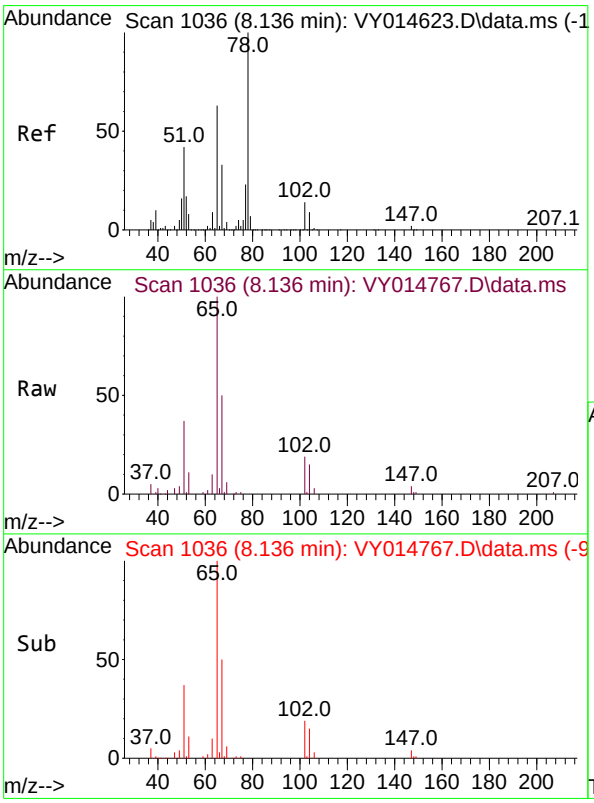
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY014767.D
Acq: 24 Jul 2023 13:09

Instrument :
MSVOA_Y
ClientSampleId :
B-P10B

Tgt Ion:168 Resp: 56200

Ion	Ratio	Lower	Upper
168	100		
99	56.1	43.4	65.0

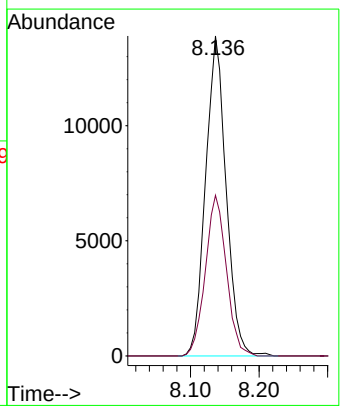


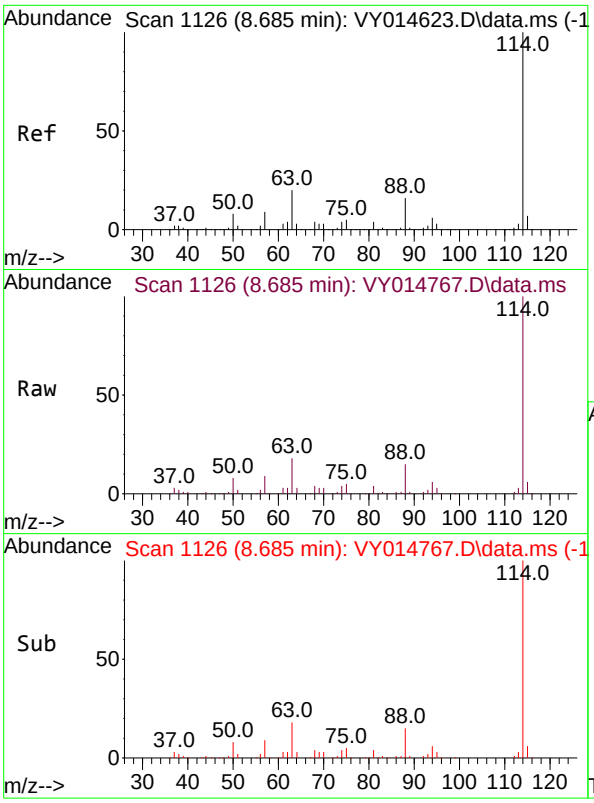


#33
1,2-Dichloroethane-d4
Concen: 45.089 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014767.D
Acq: 24 Jul 2023 13:09

Tgt Ion: 65 Resp: 28876

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	101.8



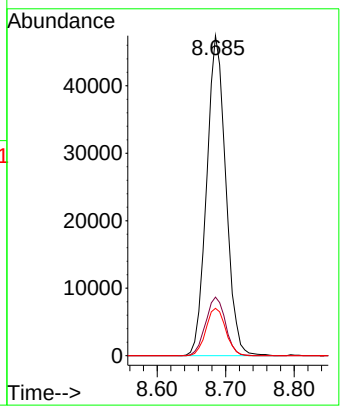


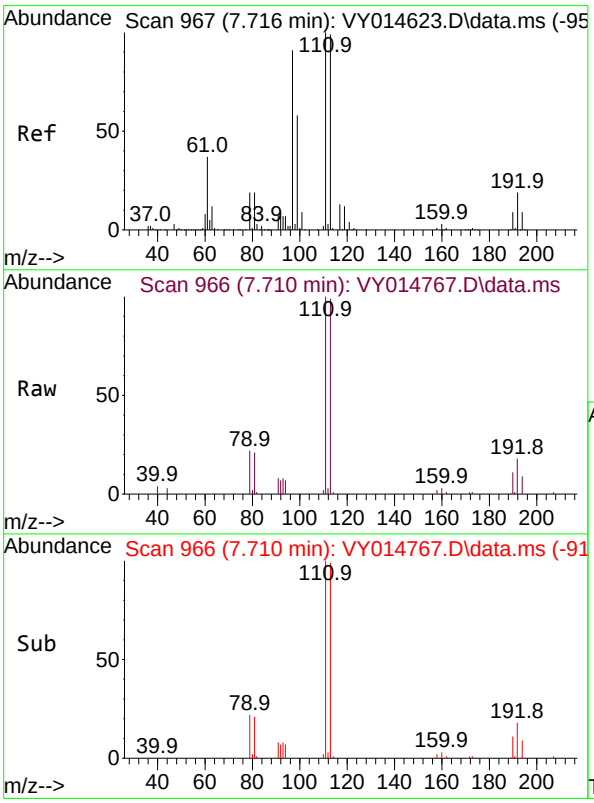
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY014767.D
Acq: 24 Jul 2023 13:09

Instrument :
MSVOA_Y
ClientSampleId :
B-P10B

Tgt Ion:114 Resp: 92090

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	42.4
88	14.8	0.0	30.6

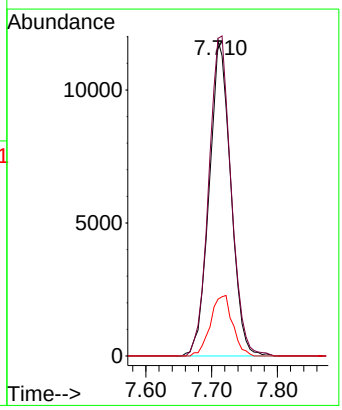


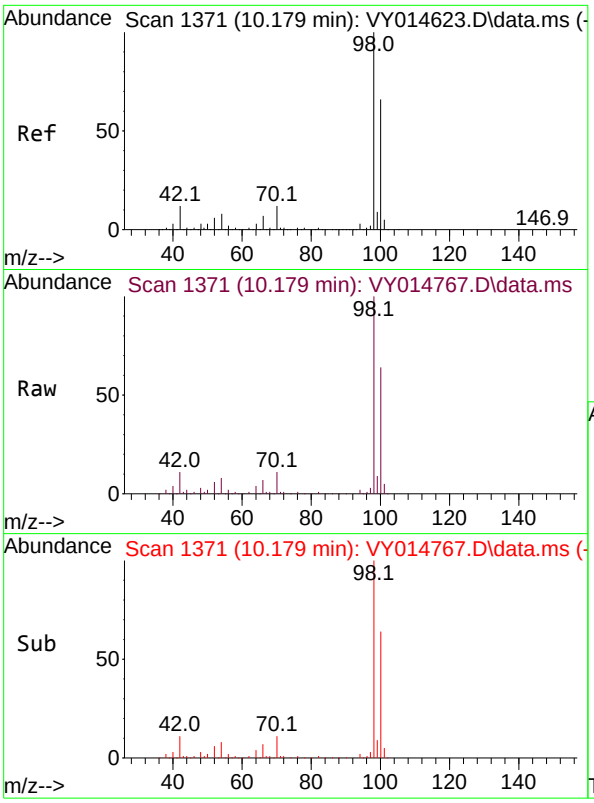


#35
Dibromofluoromethane
Concen: 46.049 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014767.D
Acq: 24 Jul 2023 13:09

Tgt Ion:113 Resp: 26995

Ion	Ratio	Lower	Upper
113	100		
111	105.5	81.3	121.9
192	19.7	16.9	25.3



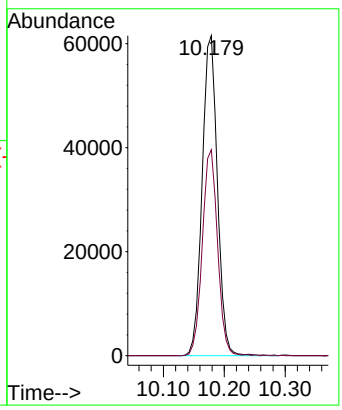


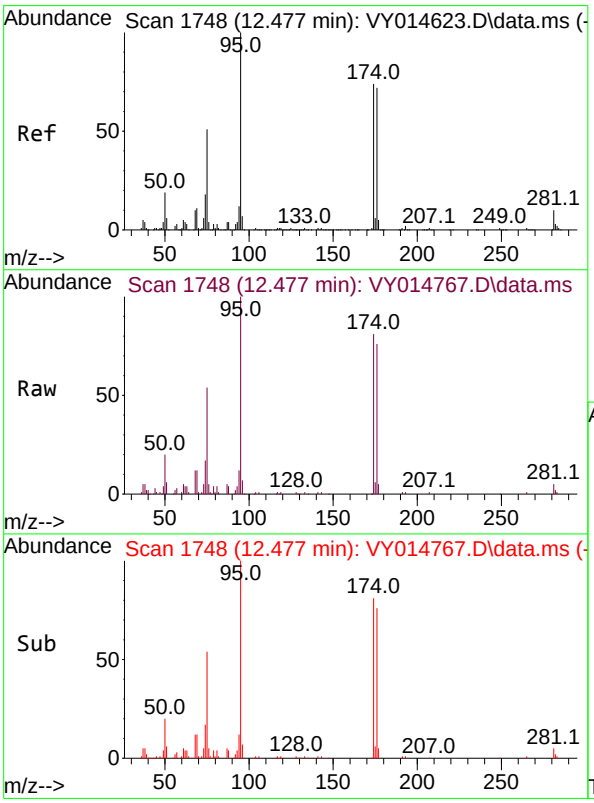
#50
Toluene-d8
Concen: 49.525 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY014767.D
Acq: 24 Jul 2023 13:09

Instrument :
MSVOA_Y
ClientSampleId :
B-P10B

Tgt Ion: 98 Resp: 107037

Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.1	75.1

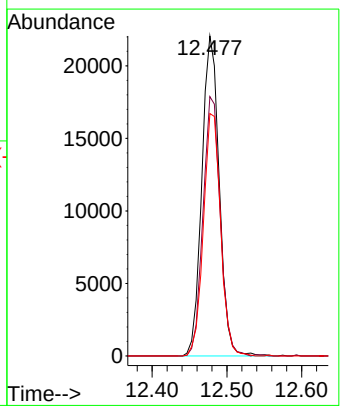


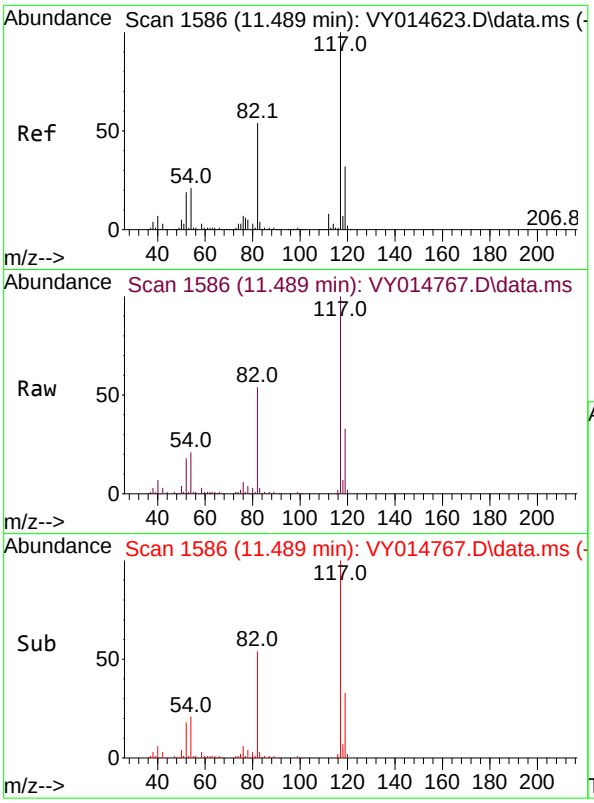


#62
4-Bromofluorobenzene
Concen: 43.020 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014767.D
Acq: 24 Jul 2023 13:09

Tgt Ion: 95 Resp: 35651

Ion	Ratio	Lower	Upper
95	100		
174	80.3	0.0	178.2
176	75.0	0.0	173.8



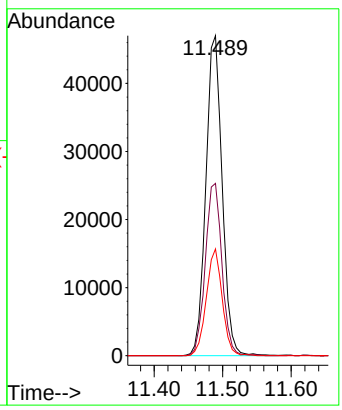


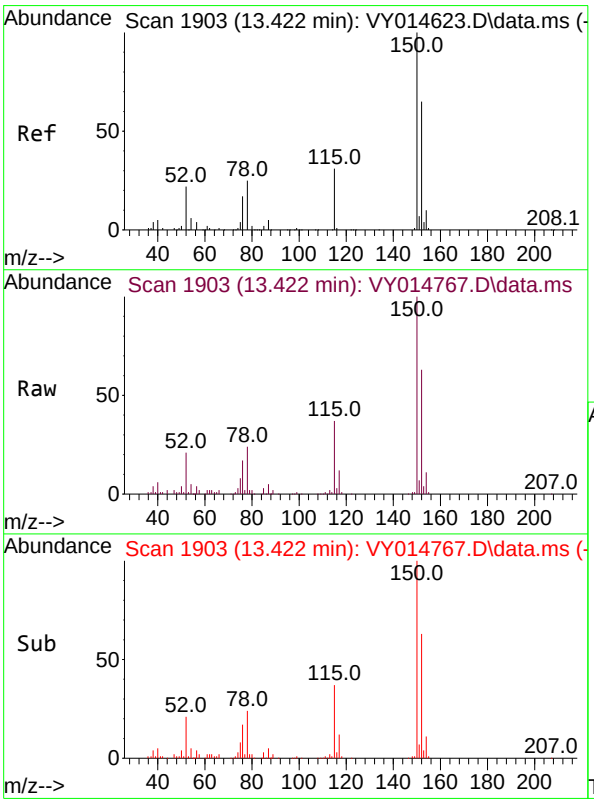
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY014767.D
Acq: 24 Jul 2023 13:09

Instrument :
MSVOA_Y
ClientSampleId :
B-P10B

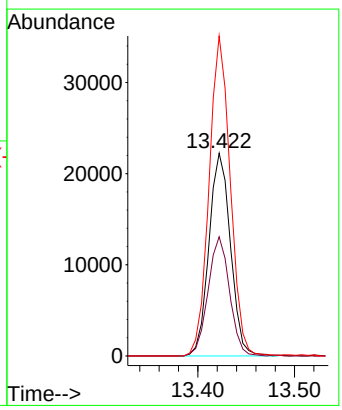
Tgt Ion:117 Resp: 77929

Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.4	65.0
119	33.4	26.3	39.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014767.D
Acq: 24 Jul 2023 13:09

Tgt Ion:152 Resp: 34432

Ion	Ratio	Lower	Upper
152	100		
115	58.5	28.8	86.5
150	154.9	0.0	348.8