Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061124\
Data File : VY018563.D
Acq On : 11 Jun 2024 17:36
Operator : SY/MD
Sample : P2812-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-061024

Quant Time: Jun 12 03:04:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 07:11:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	520	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	481	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	21	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	906	88.719	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 177.440%#			
35) Dibromofluoromethane	7.710	113	577	50.954	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.900%			
50) Toluene-d8	10.185	98	1411	31.321	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 62.640%			
62) 4-Bromofluorobenzene	12.483	95	67	4.777	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 9.560%#			
Target Compounds						Qvalue

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

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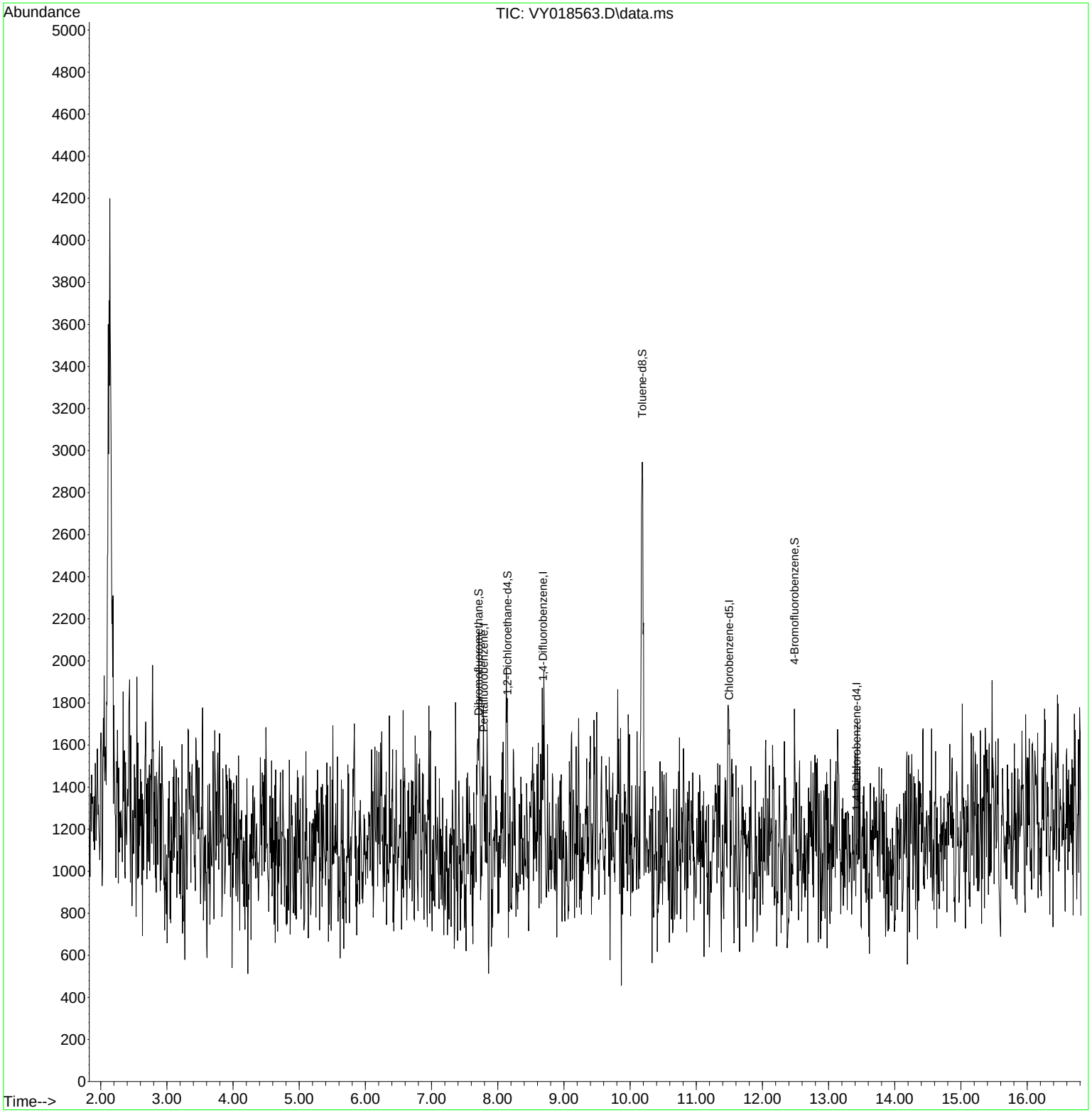
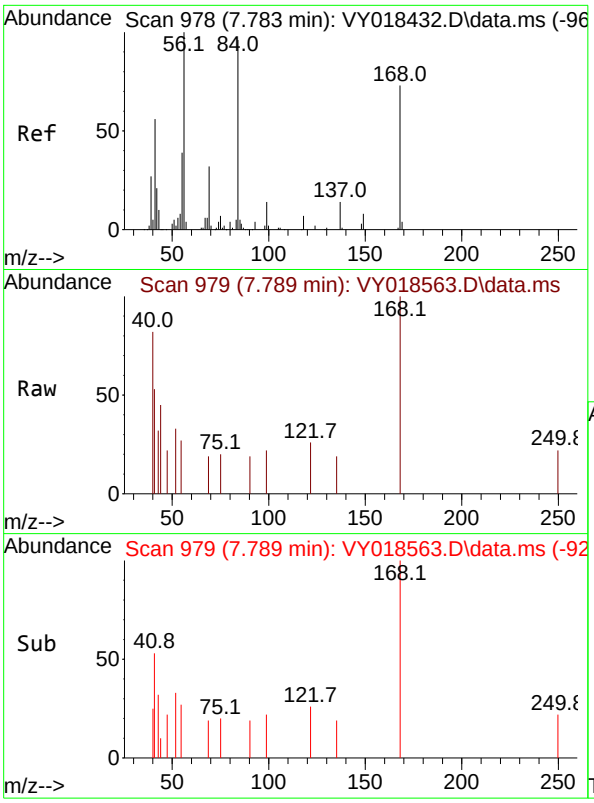


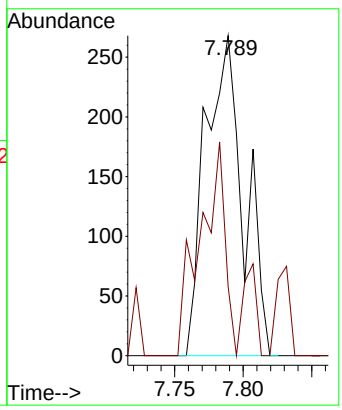


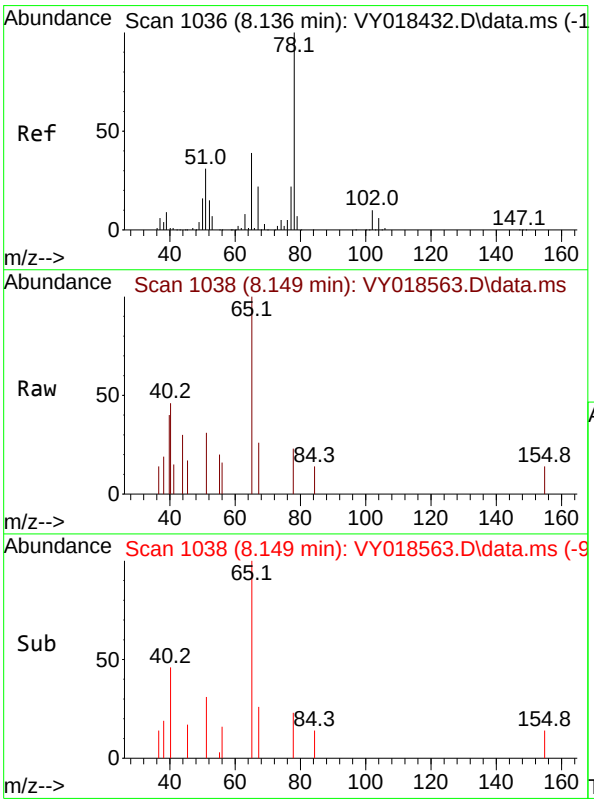
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-061024

Tgt Ion:168 Resp: 520

Ion	Ratio	Lower	Upper
168	100		
99	21.6	39.1	58.7#

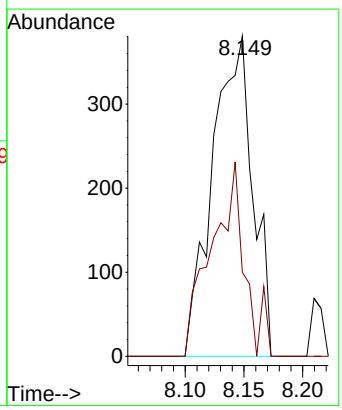


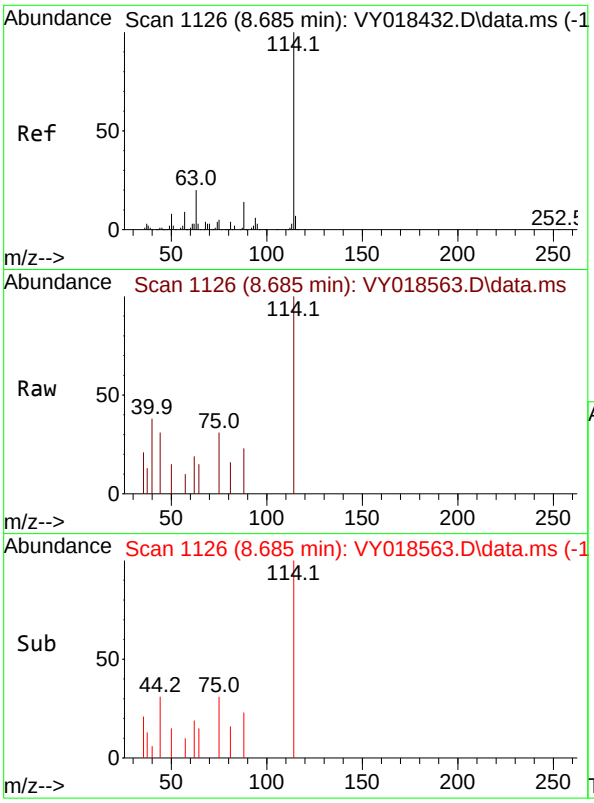


#33
1,2-Dichloroethane-d4
Concen: 88.719 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

Tgt Ion: 65 Resp: 906

Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	109.6



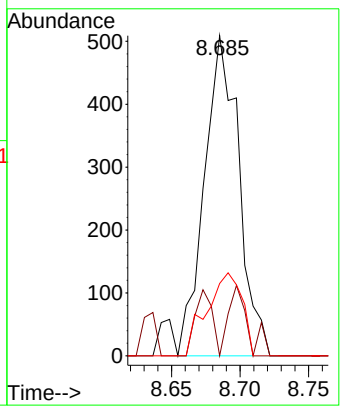


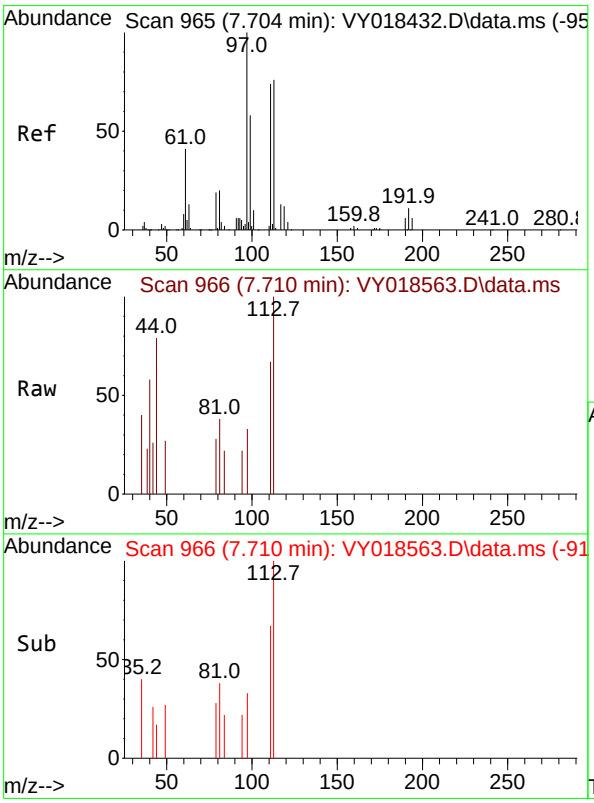
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-061024

Tgt Ion:114 Resp: 893

Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	35.0
88	22.6	0.0	27.2

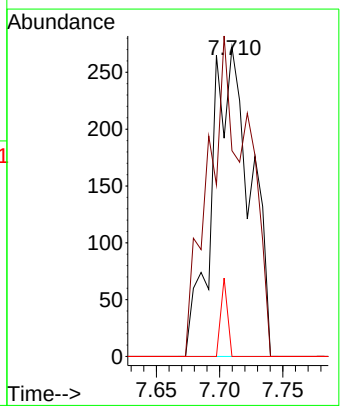


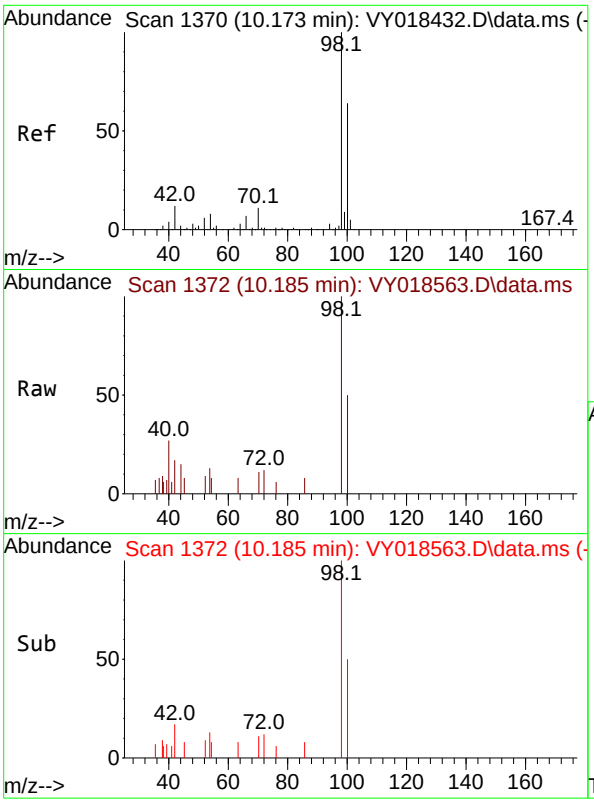


#35
Dibromofluoromethane
Concen: 50.954 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

Tgt Ion:113 Resp: 577

Ion	Ratio	Lower	Upper
113	100		
111	105.9	82.2	123.4
192	4.3	15.9	23.9#



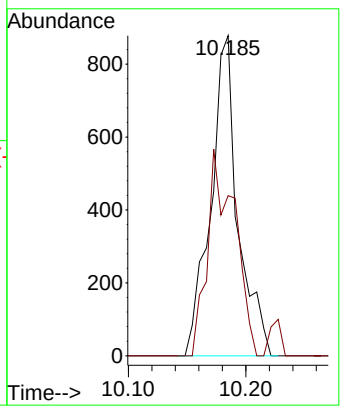


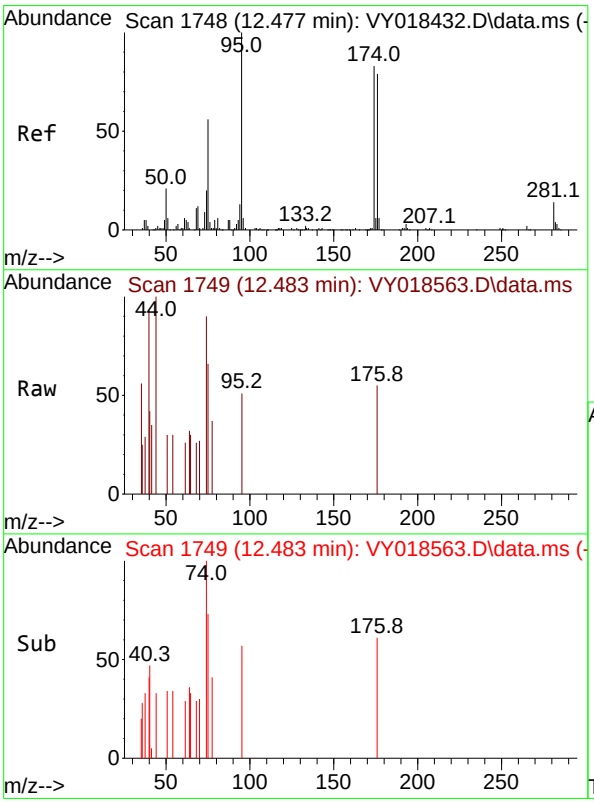
#50
Toluene-d8
Concen: 31.321 ug/l
RT: 10.185 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-061024

Tgt Ion: 98 Resp: 1411

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.0	78.0

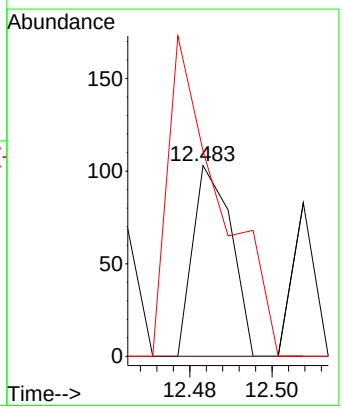


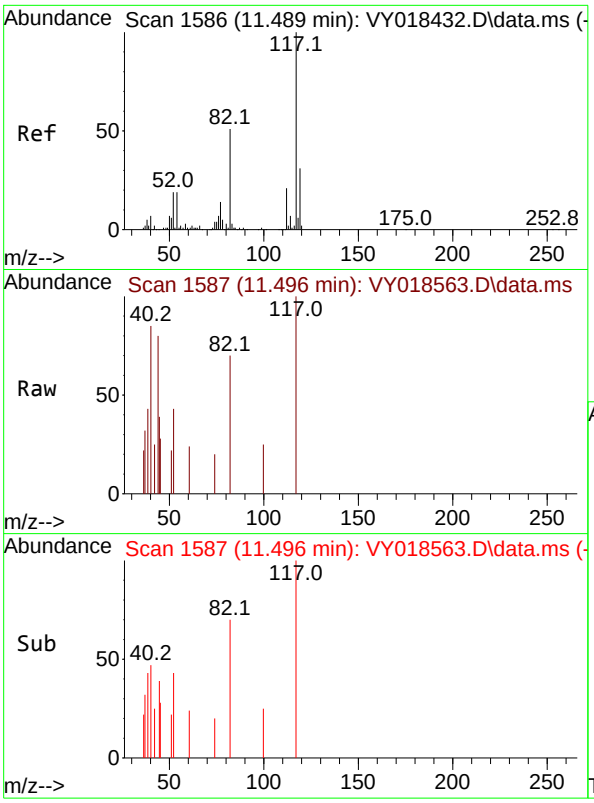


#62
4-Bromofluorobenzene
Concen: 4.777 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

Tgt Ion: 95 Resp: 67

Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	175.6
176	228.4	0.0	171.4#



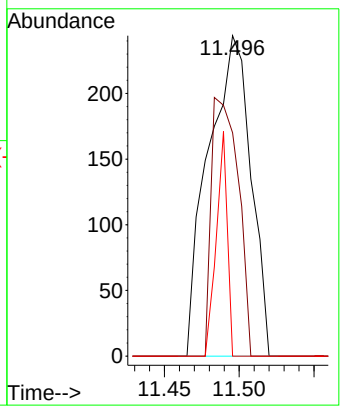


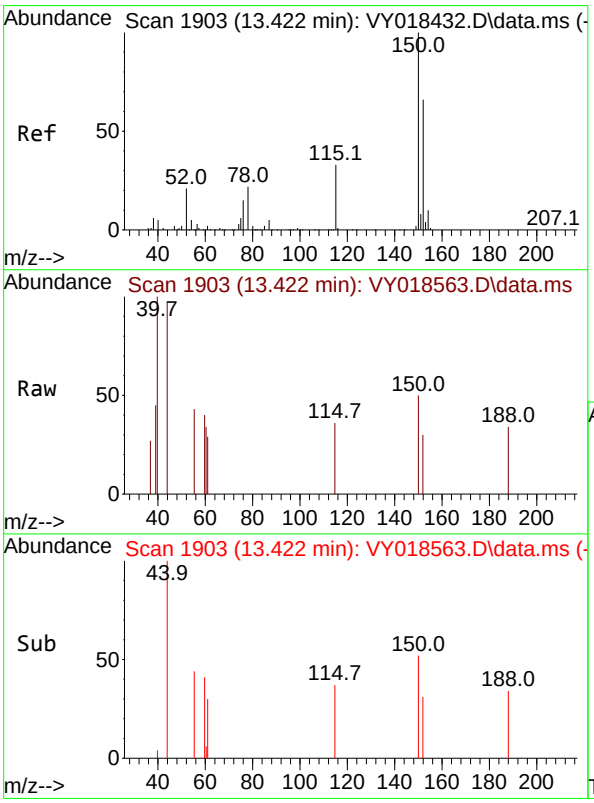
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-061024

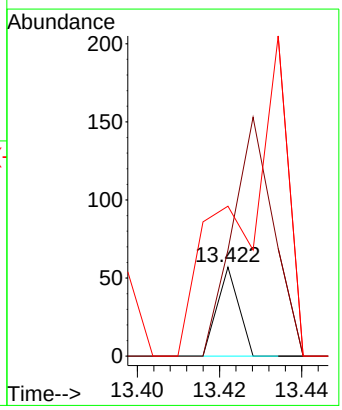
Tgt Ion:117 Resp: 481

Ion	Ratio	Lower	Upper
117	100		
82	69.7	42.4	63.6#
119	0.0	25.9	38.9#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

Tgt Ion:152 Resp: 21

Ion	Ratio	Lower	Upper
152	100		
115	504.8	28.2	84.7#
150	790.5	0.0	345.6#