Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033122\
Data File : VY008137.D
Acq On : 31 Mar 2022 14:22
Operator : SY/MD
Sample : N2202-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MHE

Quant Time: Apr 01 04:33:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	25330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	43508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	35156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	13476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	11597	45.633	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 91.260%			
35) Dibromofluoromethane	7.716	113	12558	46.037	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.080%			
50) Toluene-d8	10.179	98	49826	48.482	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.960%			
62) 4-Bromofluorobenzene	12.483	95	14447	39.845	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 79.680%			
Target Compounds						Qvalue

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

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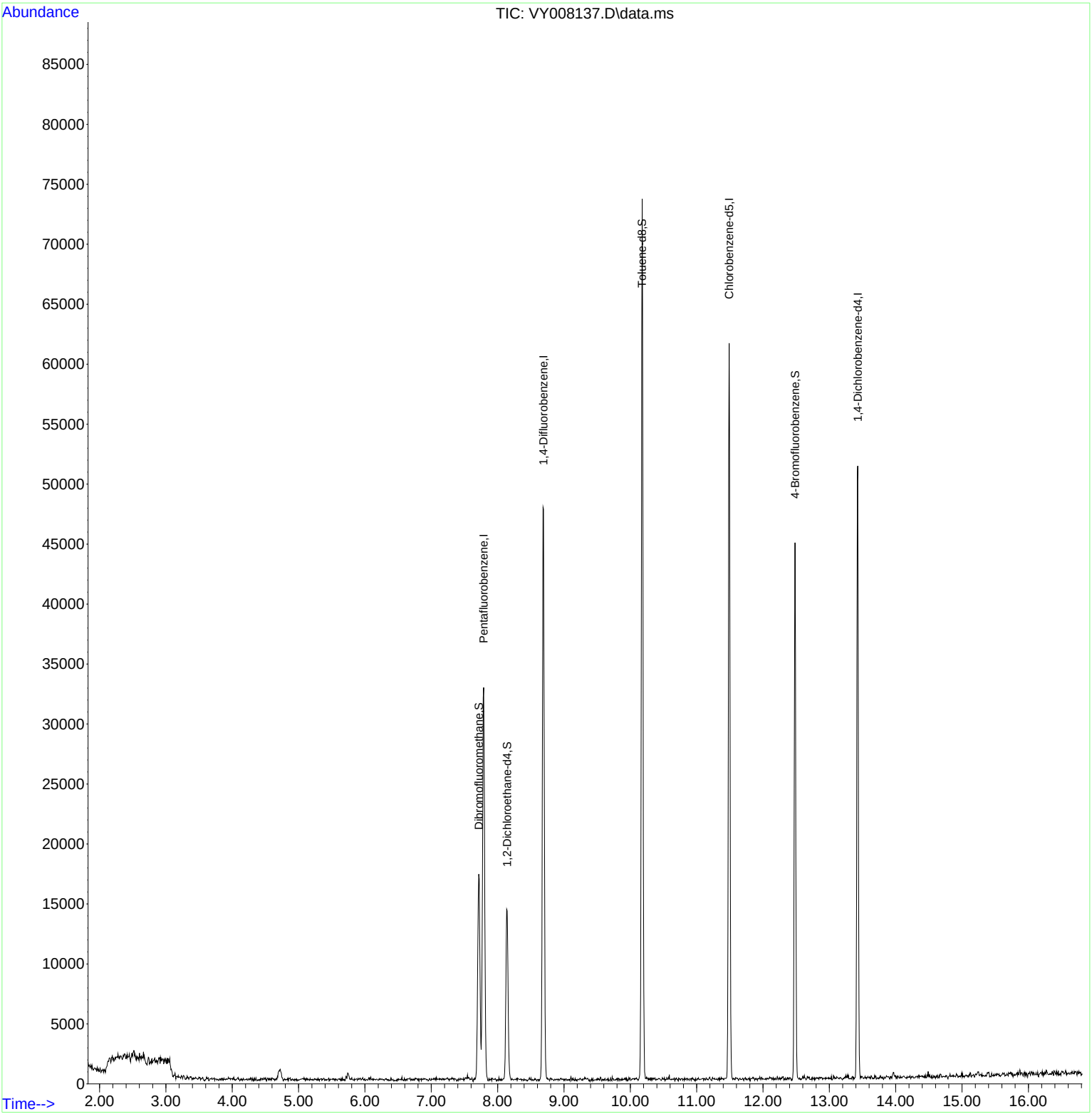
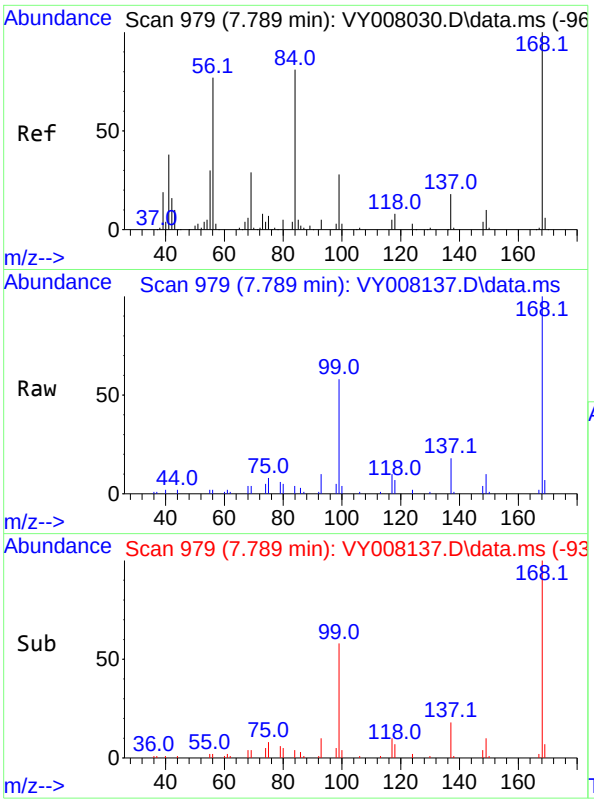


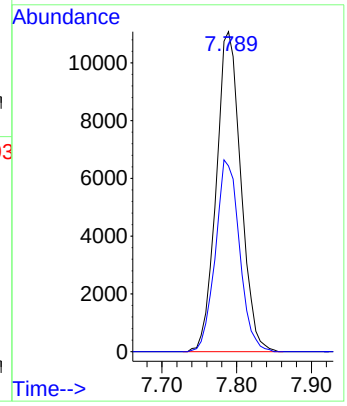


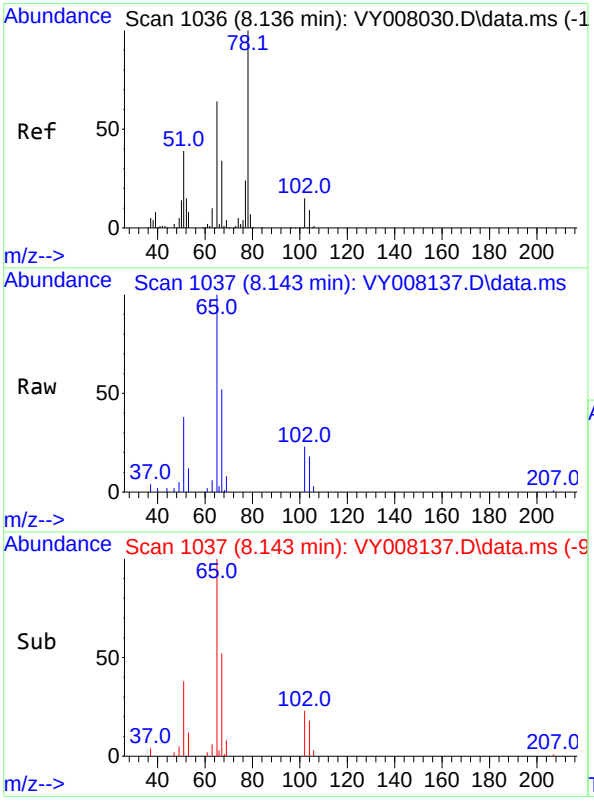
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY008137.D
Acq: 31 Mar 2022 14:22

Instrument :
MSVOA_Y
ClientSampleId :
MHE

Tgt Ion:168 Resp: 25330

Ion	Ratio	Lower	Upper
168	100		
99	58.1	46.9	70.3

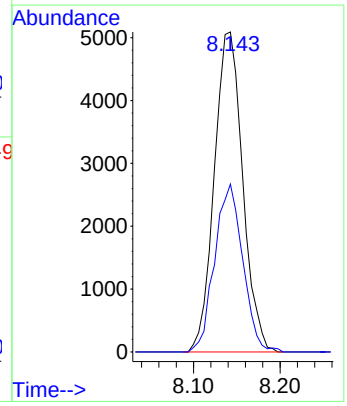


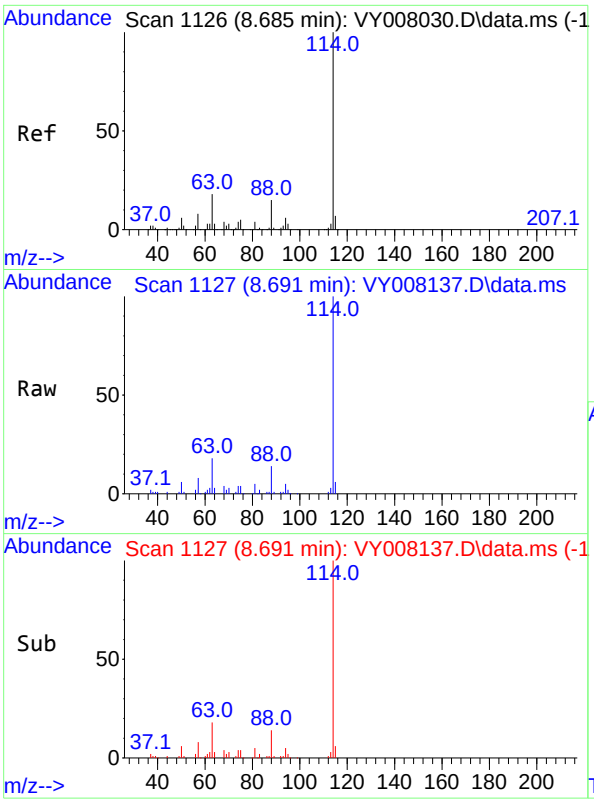


#33
1,2-Dichloroethane-d4
Concen: 45.633 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008137.D
Acq: 31 Mar 2022 14:22

Tgt Ion: 65 Resp: 11597

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	99.4



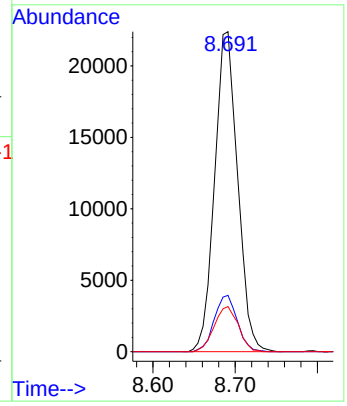


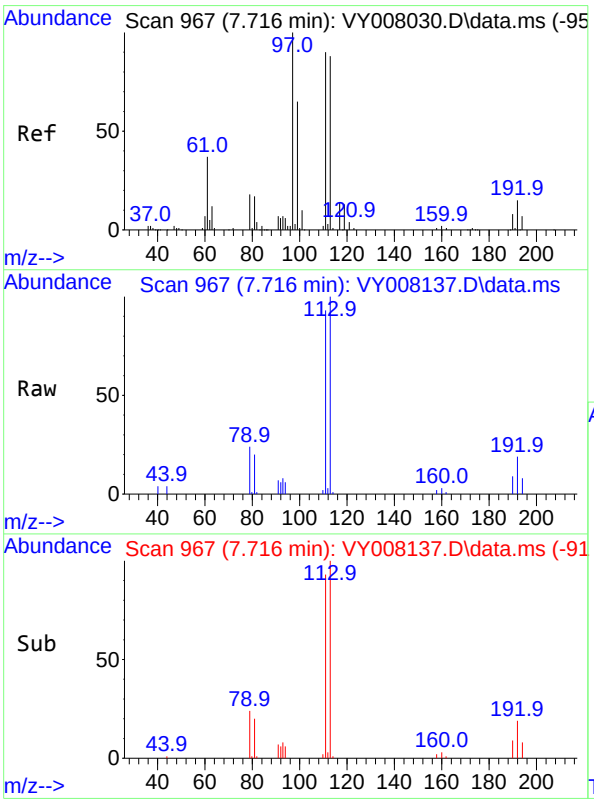
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008137.D
Acq: 31 Mar 2022 14:22

Instrument :
MSVOA_Y
ClientSampleId :
MHE

Tgt Ion:114 Resp: 43508

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	43.2
88	14.1	0.0	31.8

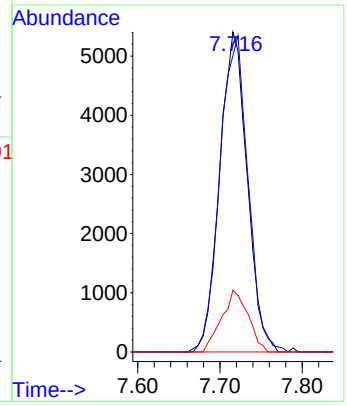


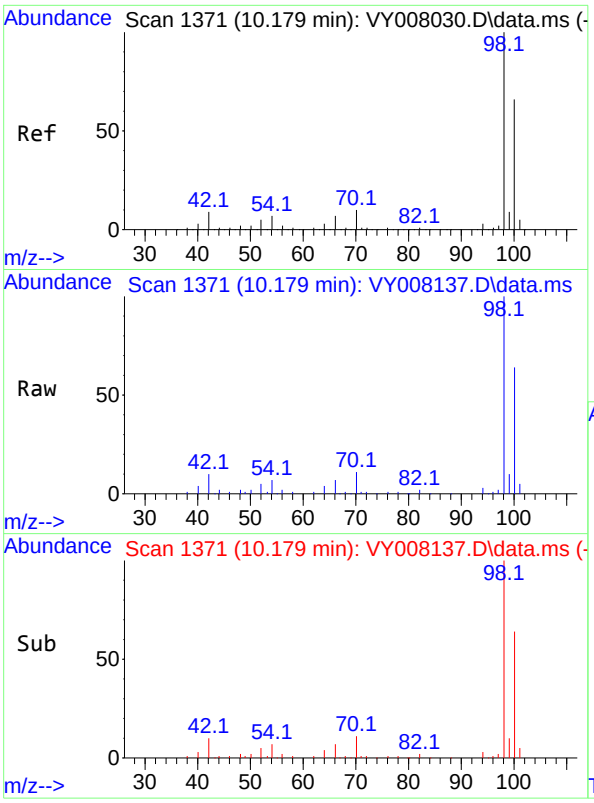


#35
Dibromofluoromethane
Concen: 46.037 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008137.D
Acq: 31 Mar 2022 14:22

Tgt Ion:113 Resp: 12558

Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.6	124.0
192	18.6	17.6	26.4



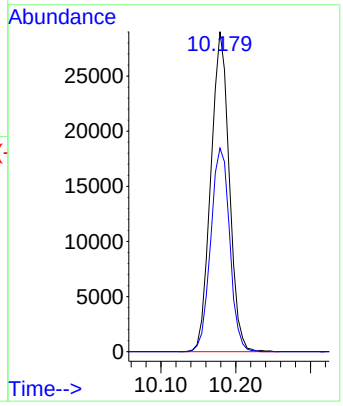


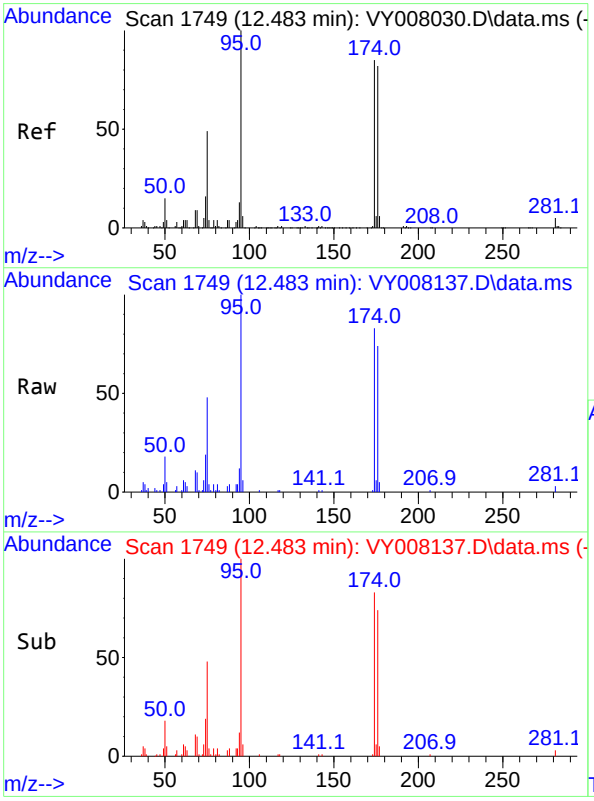
#50
Toluene-d8
Concen: 48.482 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY008137.D
Acq: 31 Mar 2022 14:22

Instrument :
MSVOA_Y
ClientSampleId :
MHE

Tgt Ion: 98 Resp: 49826

Ion	Ratio	Lower	Upper
98	100		
100	65.4	50.2	75.2

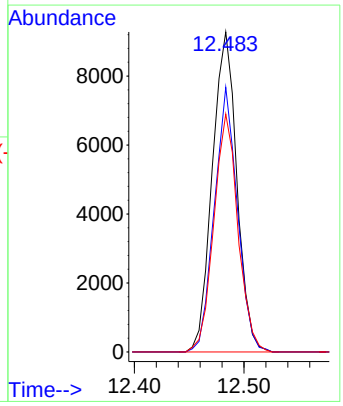


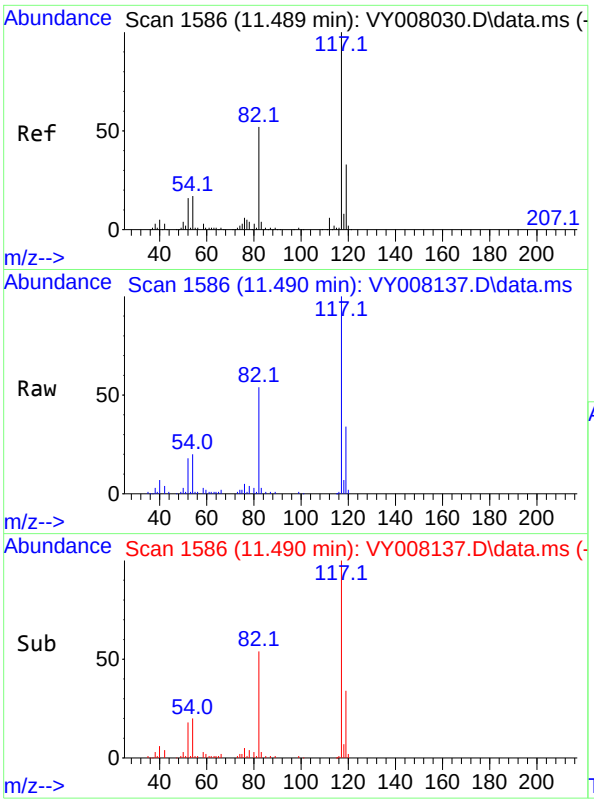


#62
4-Bromofluorobenzene
Concen: 39.845 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008137.D
Acq: 31 Mar 2022 14:22

Tgt Ion: 95 Resp: 14447

Ion	Ratio	Lower	Upper
95	100		
174	77.8	0.0	177.0
176	72.9	0.0	175.8



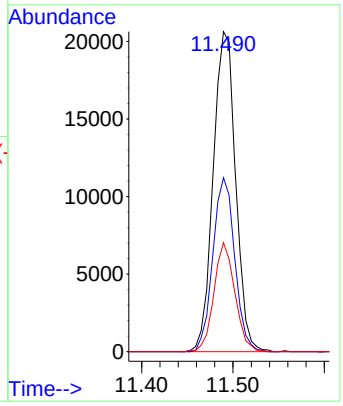


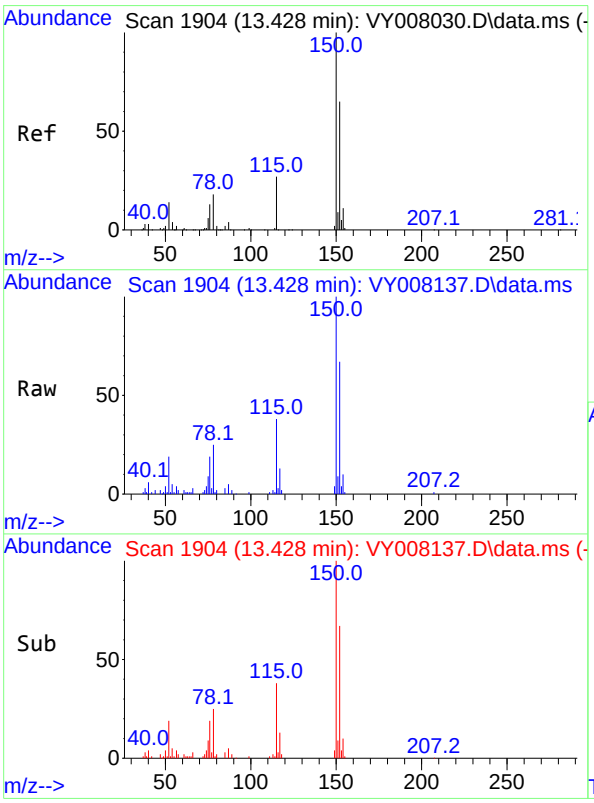
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY008137.D
Acq: 31 Mar 2022 14:22

Instrument :
MSVOA_Y
ClientSampleId :
MHE

Tgt Ion:117 Resp: 35156

Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.0	64.4
119	34.1	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008137.D
Acq: 31 Mar 2022 14:22

Tgt Ion:152 Resp: 13476

Ion	Ratio	Lower	Upper
152	100		
115	59.4	28.2	84.7
150	152.0	0.0	347.6