Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120122\
Data File : VY011671.D
Acq On : 01 Dec 2022 18:37
Operator : KP/MD
Sample : N5844-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-17

Quant Time: Dec 02 03:23:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	185967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	343469	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	333538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149764	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	127197	67.361	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 134.720%			
35) Dibromofluoromethane	7.722	113	110830	52.417	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.840%			
50) Toluene-d8	10.178	98	420718	54.757	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.520%			
62) 4-Bromofluorobenzene	12.483	95	136782	48.149	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.300%			
Target Compounds						Qvalue

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

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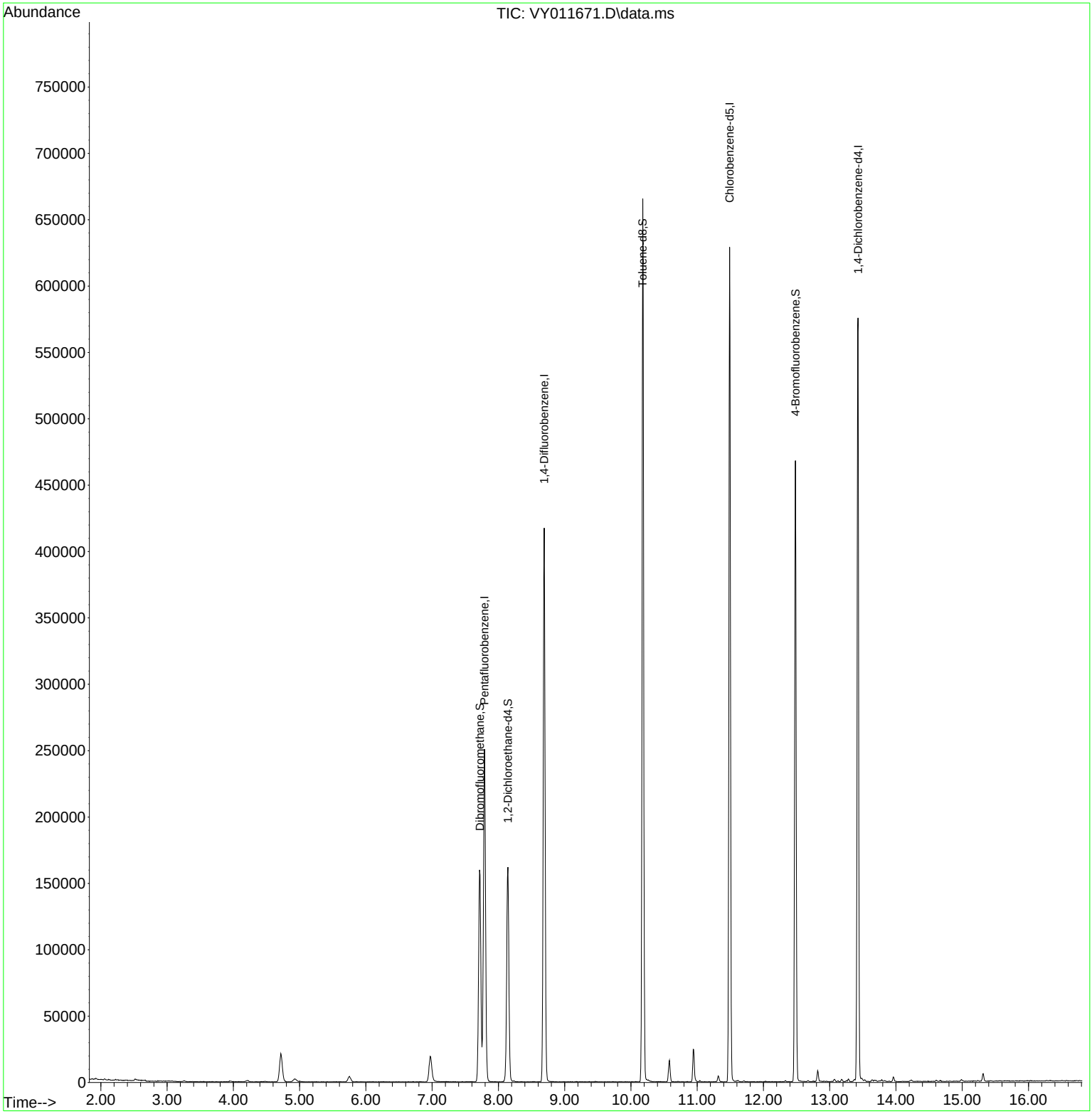
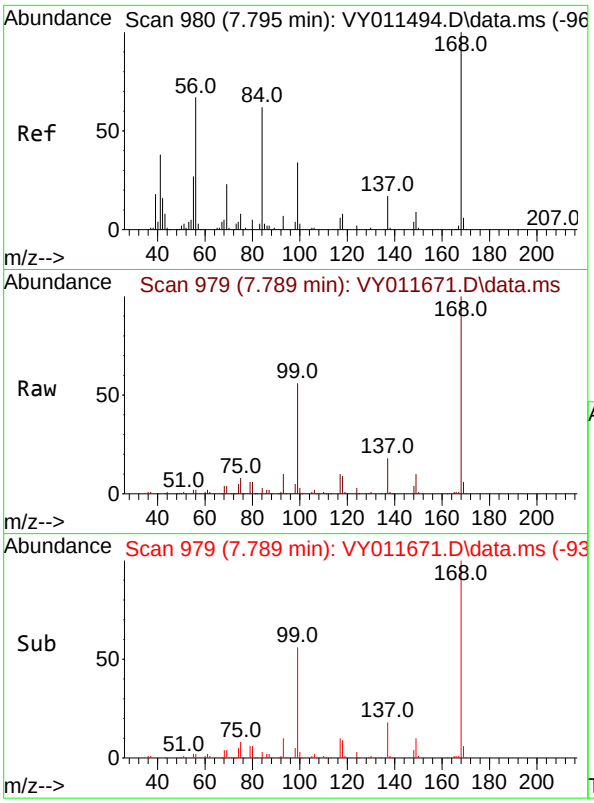


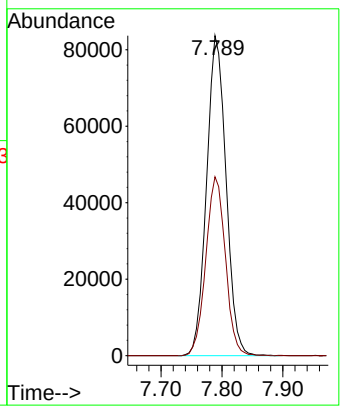


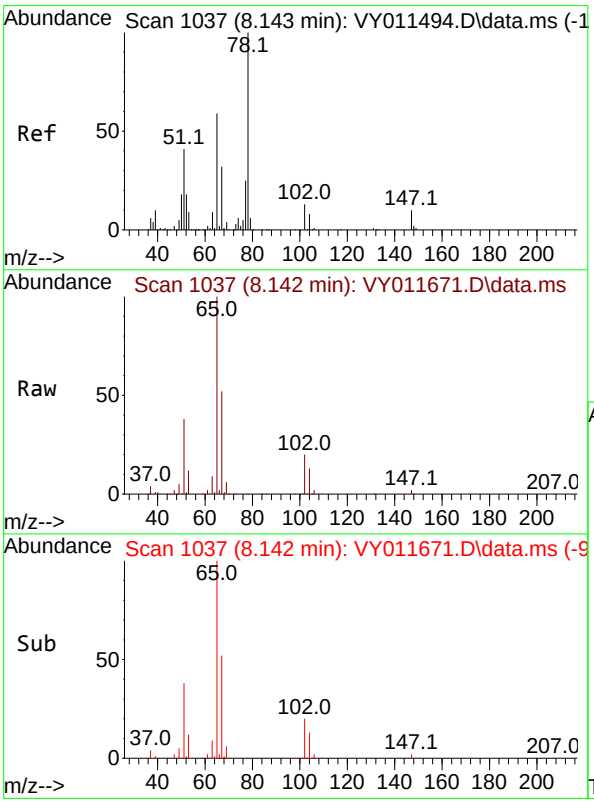
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY011671.D
Acq: 01 Dec 2022 18:37

Instrument :
MSVOA_Y
ClientSampleId :
MH-17

Tgt Ion:168 Resp: 185967

Ion	Ratio	Lower	Upper
168	100		
99	55.9	46.9	70.3

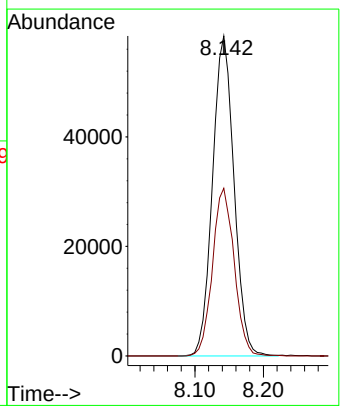


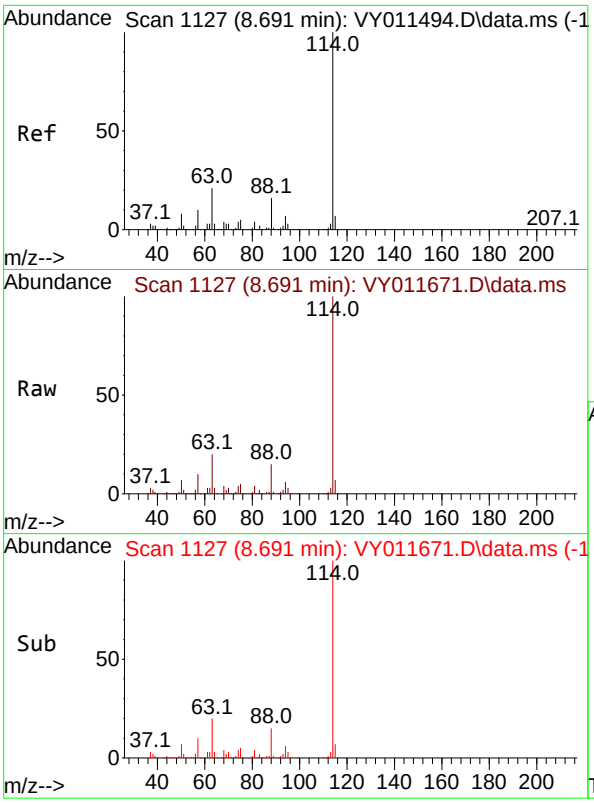


#33
1,2-Dichloroethane-d4
Concen: 67.361 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011671.D
Acq: 01 Dec 2022 18:37

Tgt Ion: 65 Resp: 127197

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	99.4



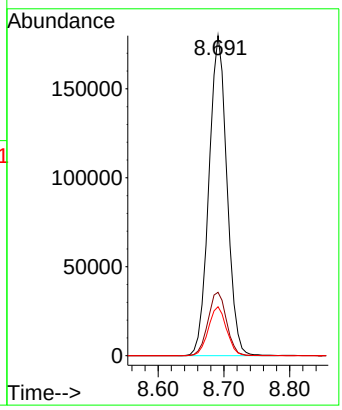


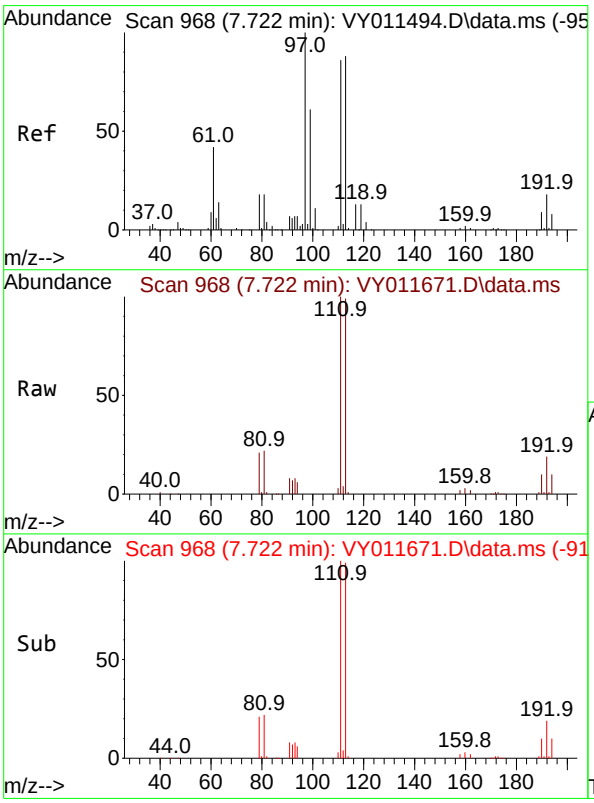
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011671.D
Acq: 01 Dec 2022 18:37

Instrument :
MSVOA_Y
ClientSampleId :
MH-17

Tgt Ion:114 Resp: 343469

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	43.2
88	15.3	0.0	31.8

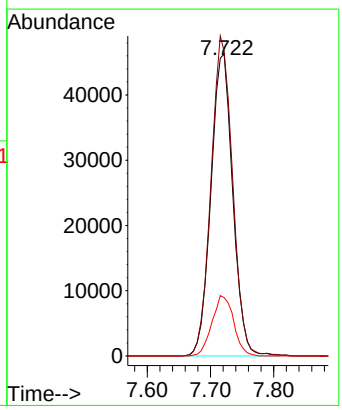


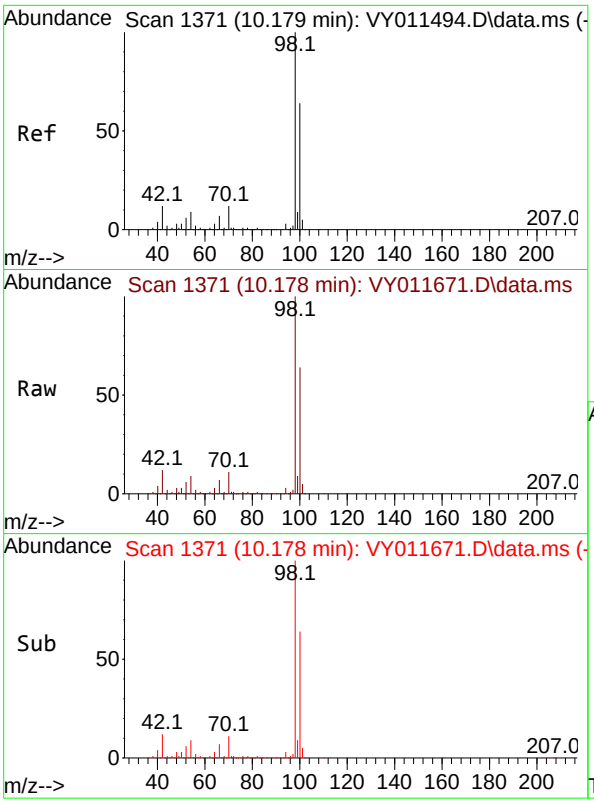


#35
Dibromofluoromethane
Concen: 52.417 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY011671.D
Acq: 01 Dec 2022 18:37

Tgt Ion:113 Resp: 110830

Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.6	124.0
192	19.8	17.6	26.4



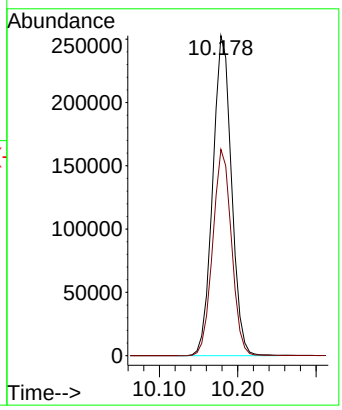


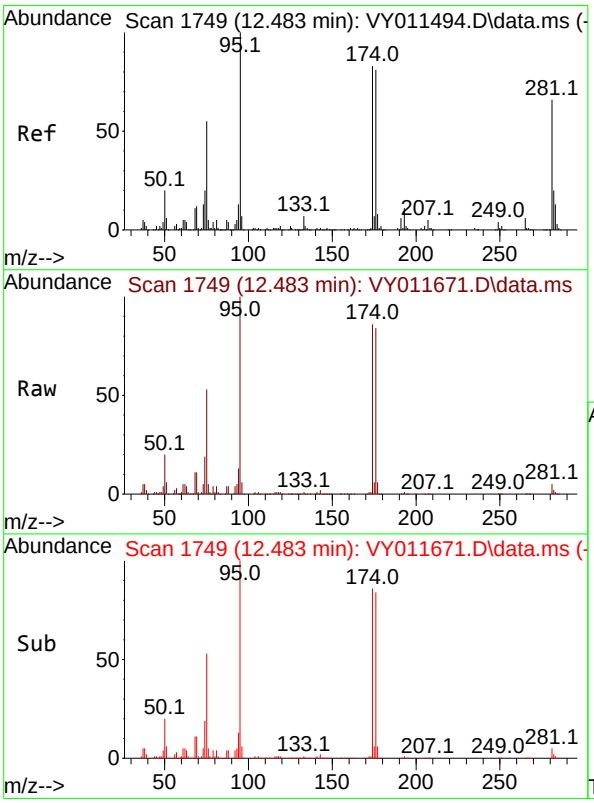
#50
Toluene-d8
Concen: 54.757 ug/l
RT: 10.178 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY011671.D
Acq: 01 Dec 2022 18:37

Instrument :
MSVOA_Y
ClientSampleId :
MH-17

Tgt Ion: 98 Resp: 420718

Ion	Ratio	Lower	Upper
98	100		
100	64.6	50.2	75.2

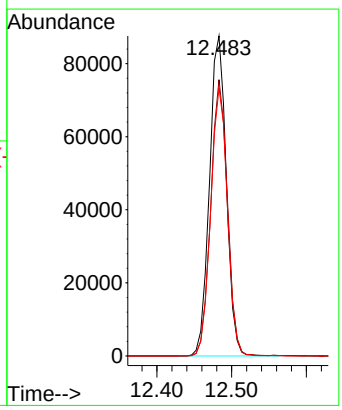


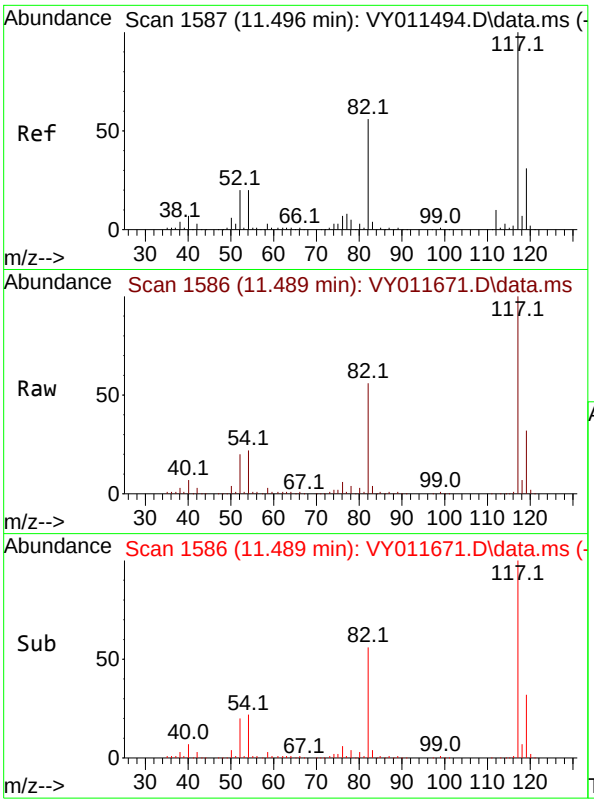


#62
4-Bromofluorobenzene
Concen: 48.149 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY011671.D
Acq: 01 Dec 2022 18:37

Tgt Ion: 95 Resp: 136782

Ion	Ratio	Lower	Upper
95	100		
174	85.4	0.0	177.0
176	83.0	0.0	175.8



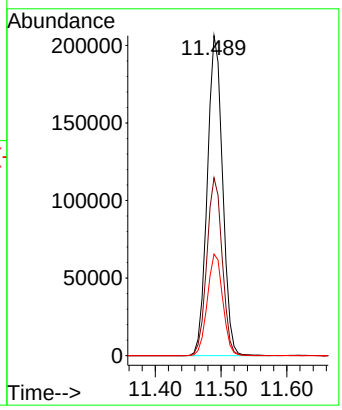


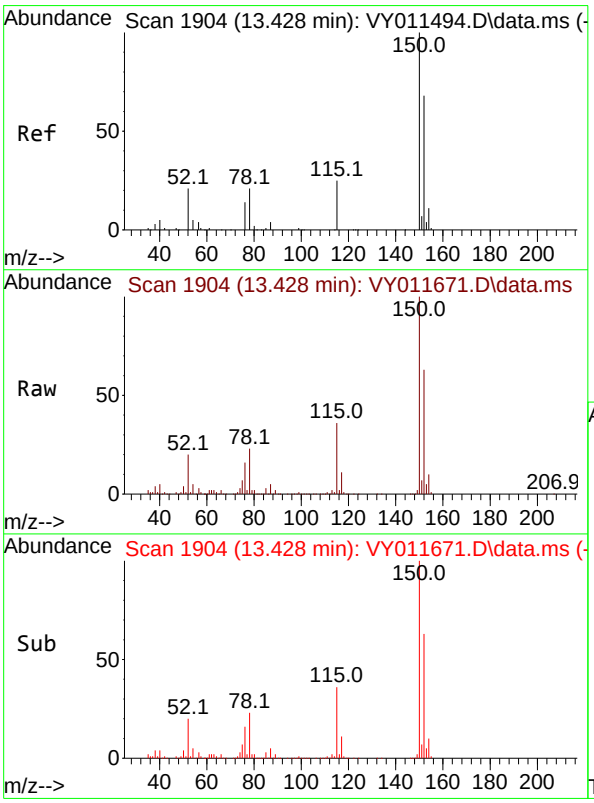
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1
Delta R.T. -0.007 min
Lab File: VY011671.D
Acq: 01 Dec 2022 18:37

Instrument :
MSVOA_Y
ClientSampleId :
MH-17

Tgt Ion:117 Resp: 333538

Ion	Ratio	Lower	Upper
117	100		
82	55.6	43.0	64.4
119	31.8	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: VY011671.D
Acq: 01 Dec 2022 18:37

Tgt Ion:152 Resp: 149764

Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.2	84.7
150	155.7	0.0	347.6