Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120522\
Data File : VY011703.D
Acq On : 05 Dec 2022 17:49
Operator : KP/MD
Sample : N5870-04RE
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ML-4RE

Quant Time: Dec 06 00:37:45 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	1513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	2405	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	2316	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1286	83.708	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 167.420%#			
35) Dibromofluoromethane	7.716	113	553	37.352	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 74.700%			
50) Toluene-d8	10.179	98	2787	51.803	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.600%			
62) 4-Bromofluorobenzene	12.489	95	500	25.136	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 50.280%			
Target Compounds						Qvalue

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

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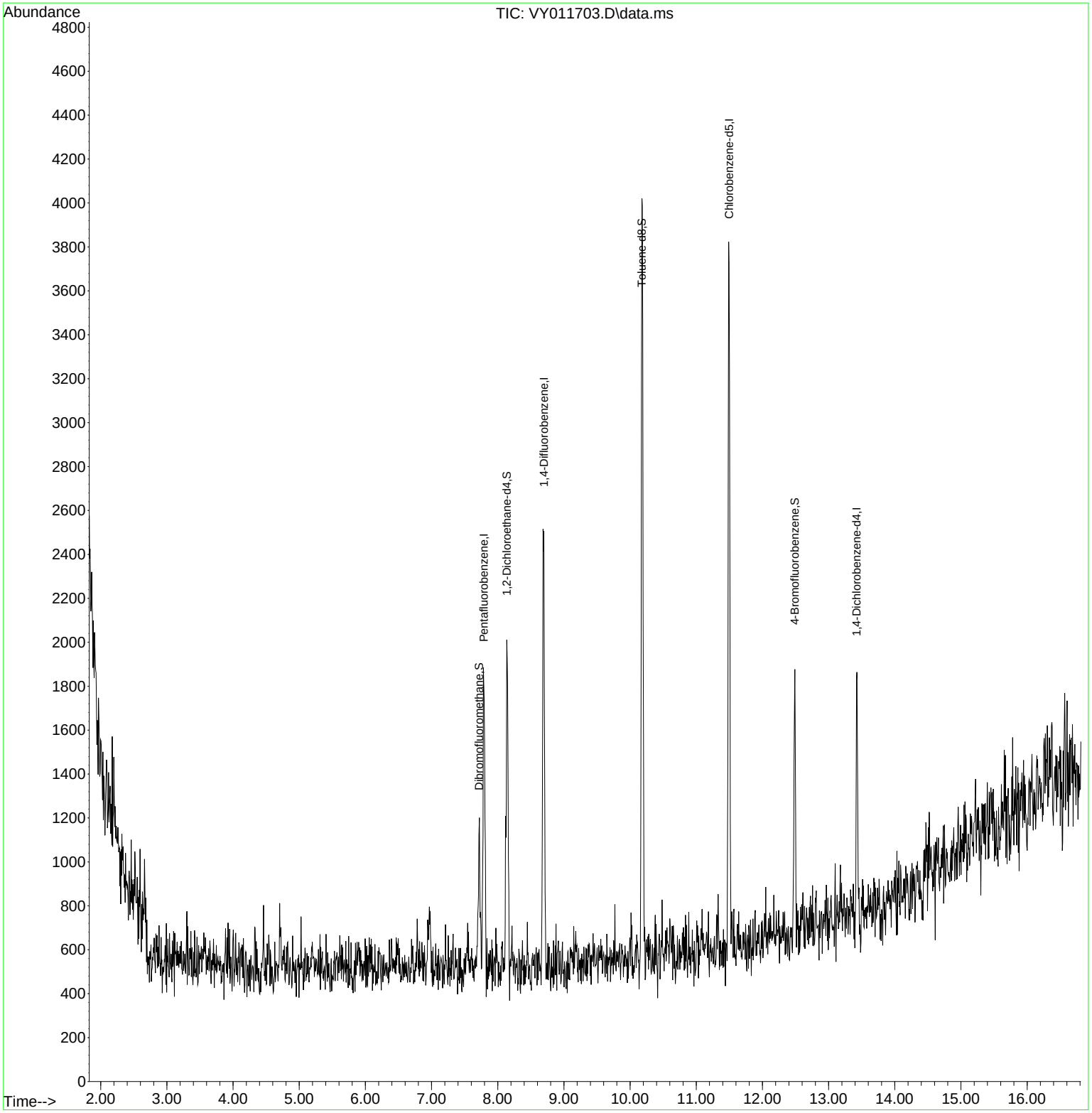
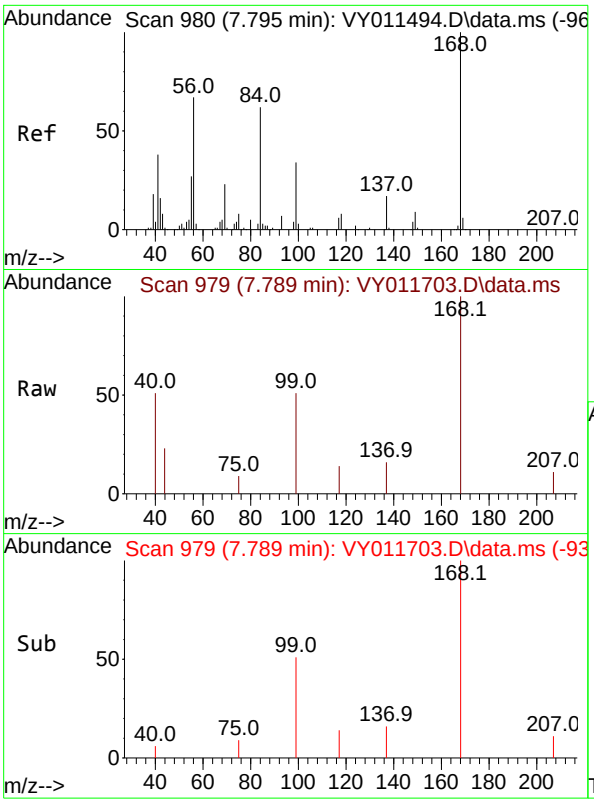


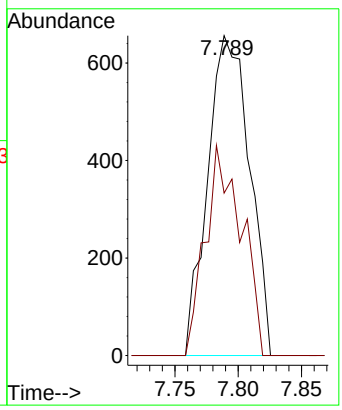


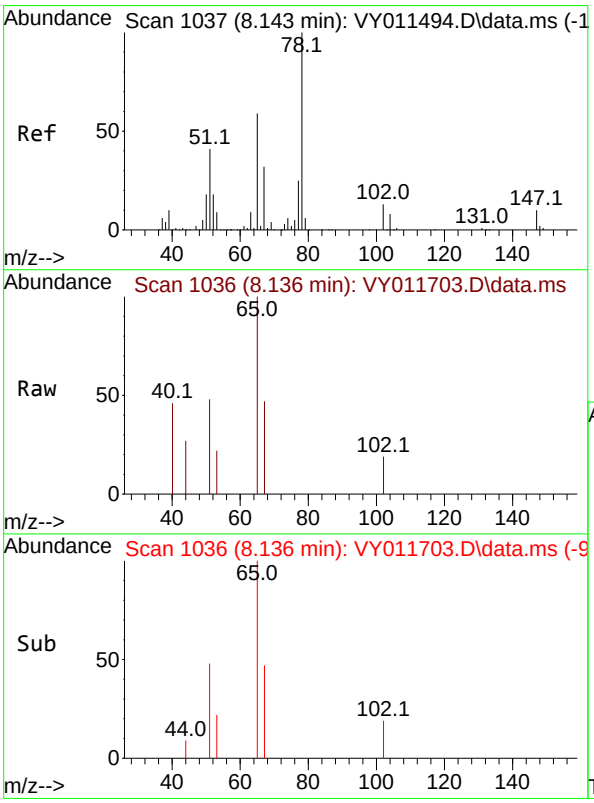
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY011703.D
Acq: 05 Dec 2022 17:49

Instrument :
MSVOA_Y
ClientSampleId :
ML-4RE

Tgt Ion:168 Resp: 1513

Ion	Ratio	Lower	Upper
168	100		
99	50.8	46.9	70.3

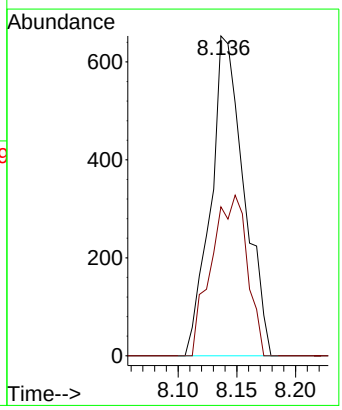


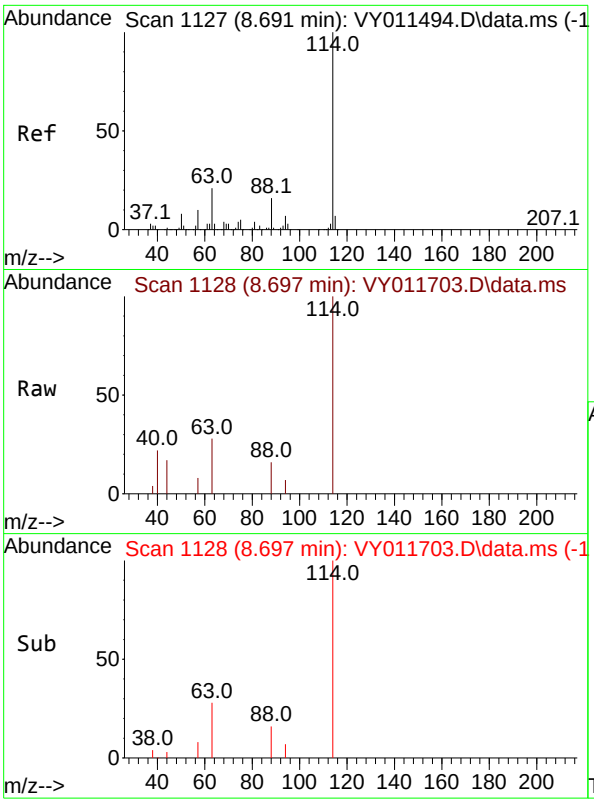


#33
1,2-Dichloroethane-d4
Concen: 83.708 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY011703.D
Acq: 05 Dec 2022 17:49

Tgt Ion: 65 Resp: 1286

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	99.4



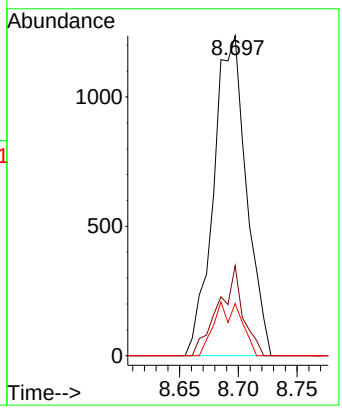


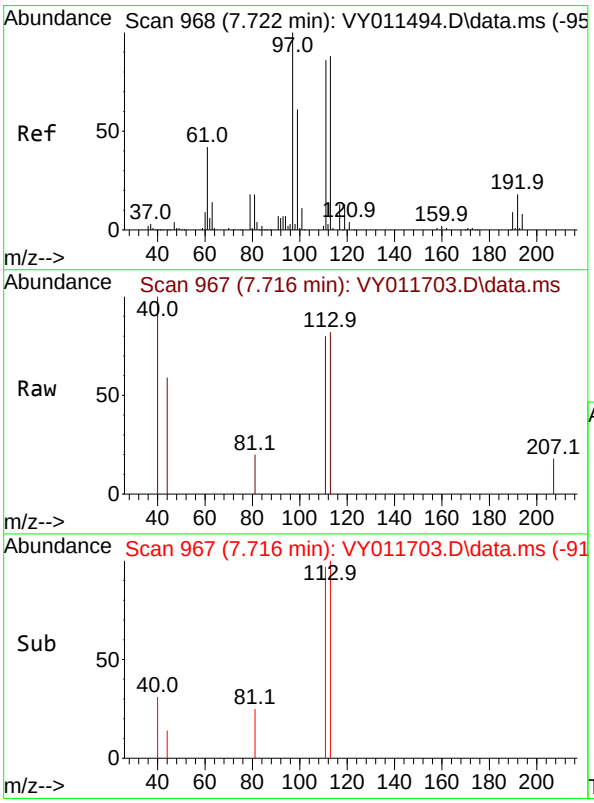
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011703.D
Acq: 05 Dec 2022 17:49

Instrument :
MSVOA_Y
ClientSampleId :
ML-4RE

Tgt Ion:114 Resp: 2405

Ion	Ratio	Lower	Upper
114	100		
63	28.1	0.0	43.2
88	16.3	0.0	31.8

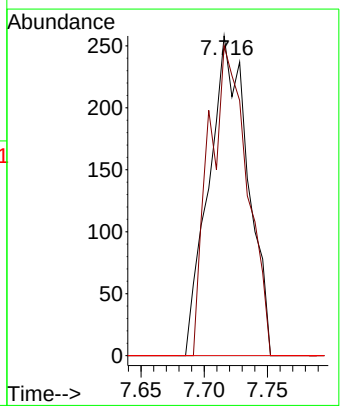


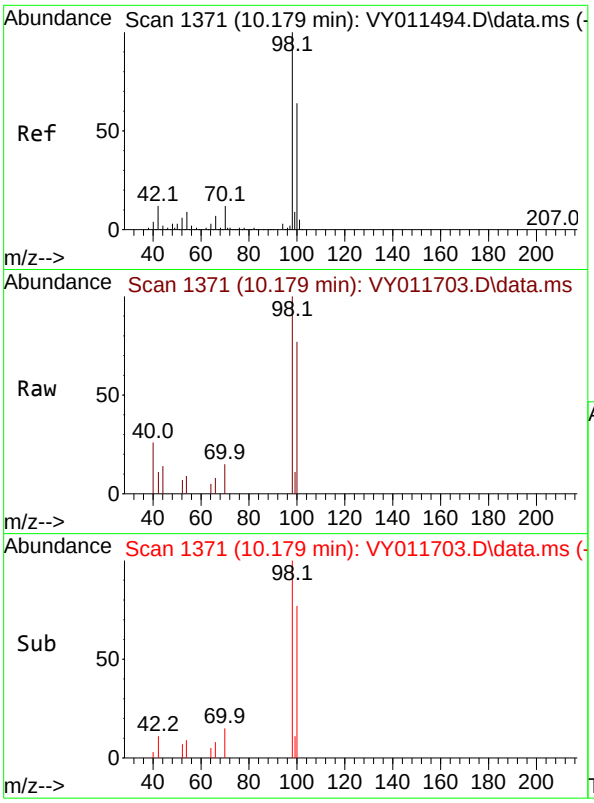


#35
Dibromofluoromethane
Concen: 37.352 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY011703.D
Acq: 05 Dec 2022 17:49

Tgt Ion:113 Resp: 553

Ion	Ratio	Lower	Upper
113	100		
111	95.5	82.6	124.0
192	0.0	17.6	26.4#



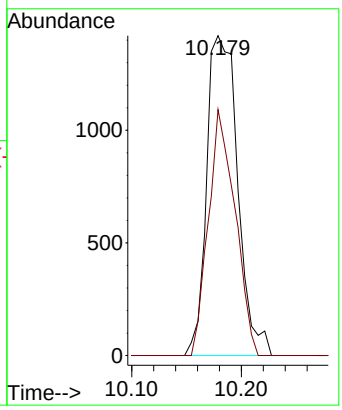


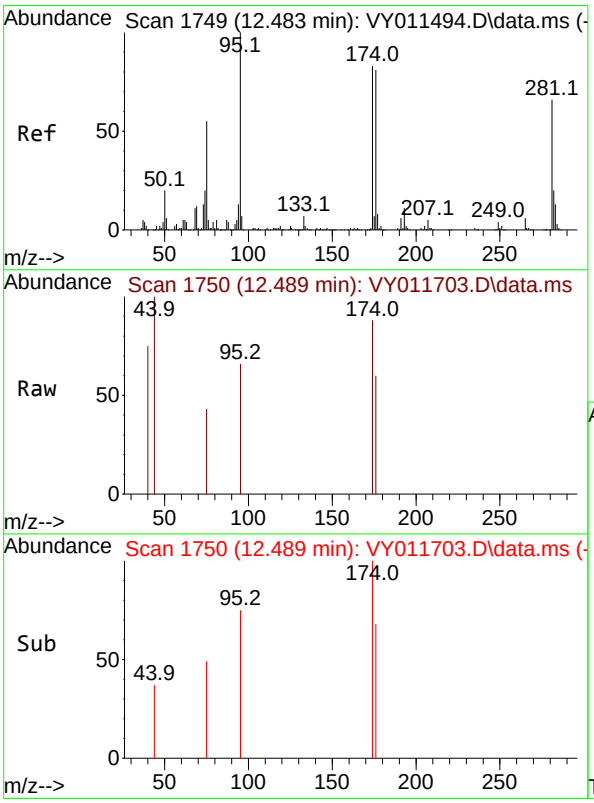
#50
Toluene-d8
Concen: 51.803 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY011703.D
Acq: 05 Dec 2022 17:49

Instrument :
MSVOA_Y
ClientSampleId :
ML-4RE

Tgt Ion: 98 Resp: 2787

Ion	Ratio	Lower	Upper
98	100		
100	66.3	50.2	75.2

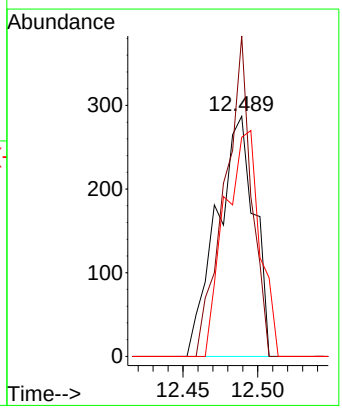


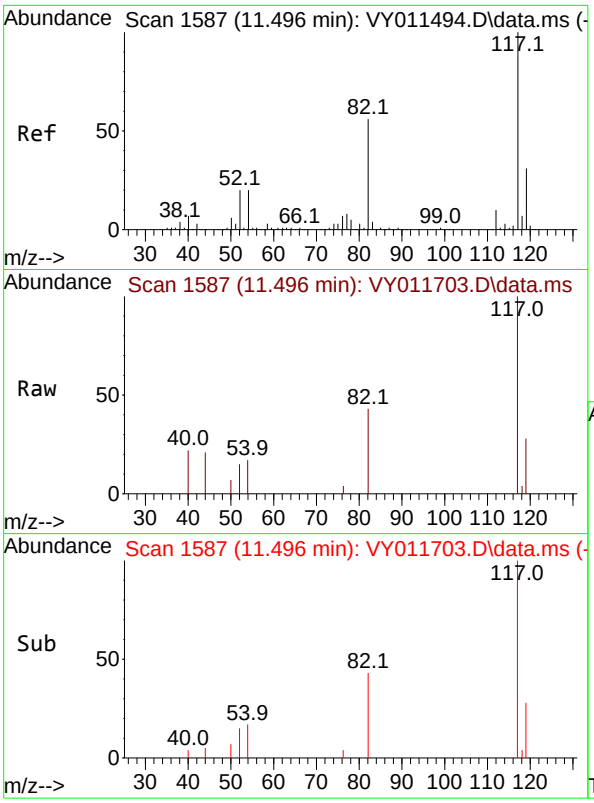


#62
4-Bromofluorobenzene
Concen: 25.136 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY011703.D
Acq: 05 Dec 2022 17:49

Tgt Ion: 95 Resp: 500

Ion	Ratio	Lower	Upper
95	100		
174	95.6	0.0	177.0
176	88.0	0.0	175.8



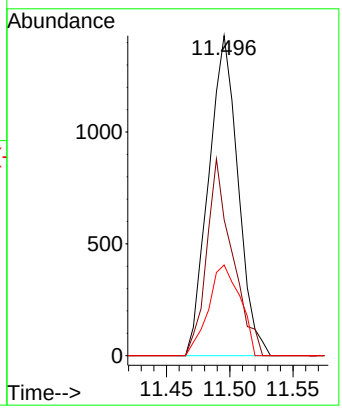


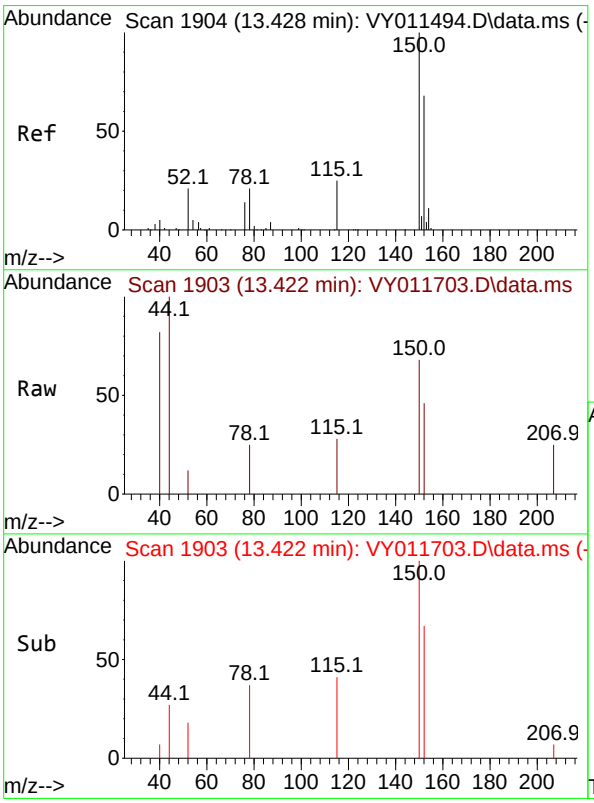
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY011703.D
Acq: 05 Dec 2022 17:49

Instrument :
MSVOA_Y
ClientSampleId :
ML-4RE

Tgt Ion:117 Resp: 2316

Ion	Ratio	Lower	Upper
117	100		
82	42.6	43.0	64.4#
119	28.4	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY011703.D
Acq: 05 Dec 2022 17:49

Tgt Ion:152 Resp: 349

Ion	Ratio	Lower	Upper
152	100		
115	60.5	28.2	84.7
150	181.4	0.0	347.6