Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092722\
Data File : VY010697.D
Acq On : 27 Sep 2022 14:52
Operator : KP/MD
Sample : N4751-05
Misc : 10.16g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PE-5

Quant Time: Sep 28 01:25:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 01:02:44 2022
Response via : Initial Calibration

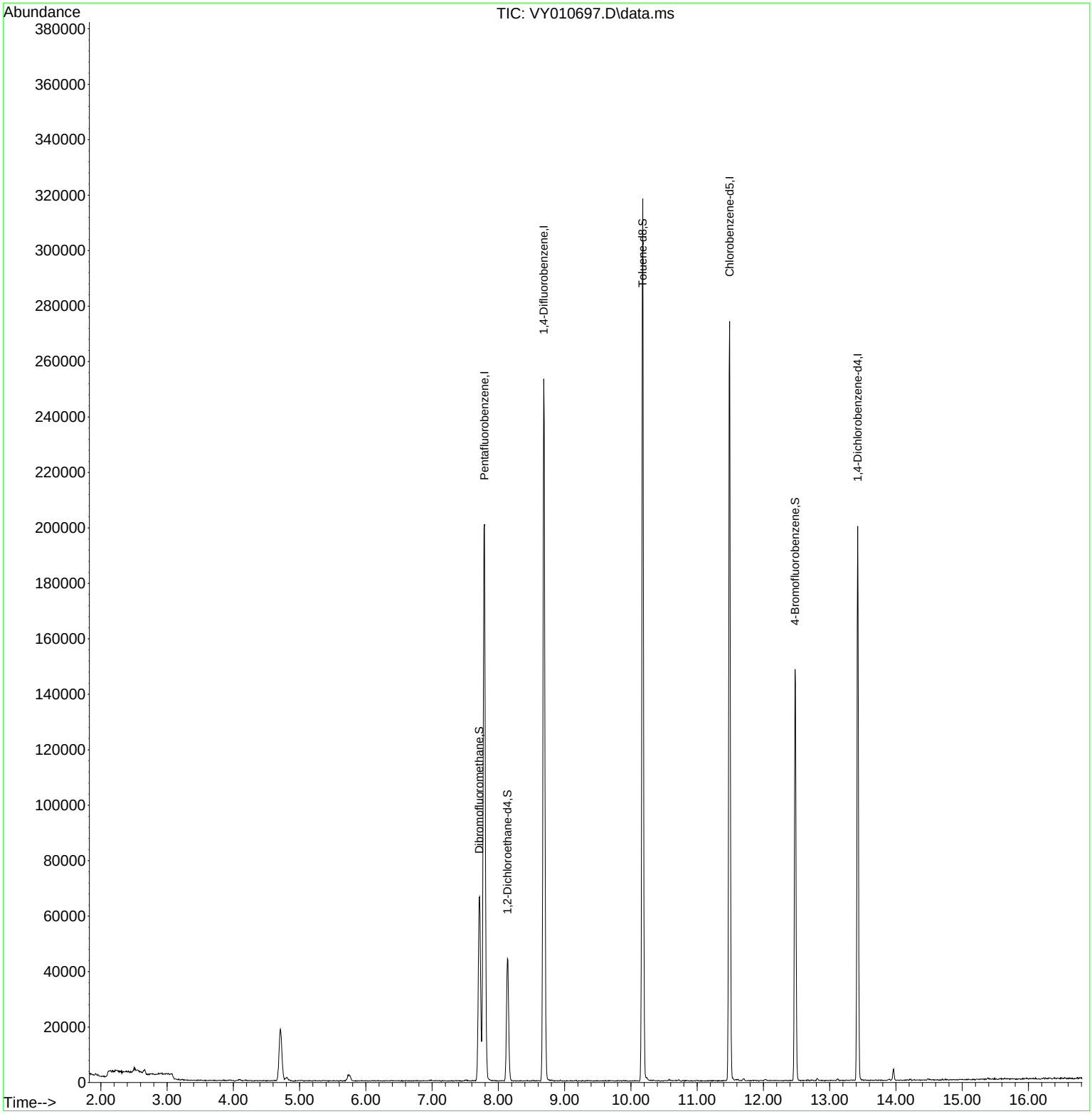
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	155058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	215374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	150188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	50556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	35209	23.740	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	47.480%#		
35) Dibromofluoromethane	7.710	113	48768	35.480	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	70.960%		
50) Toluene-d8	10.179	98	202806	40.552	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	81.100%		
62) 4-Bromofluorobenzene	12.477	95	45246	22.515	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	45.020%		
Target Compounds						Qvalue

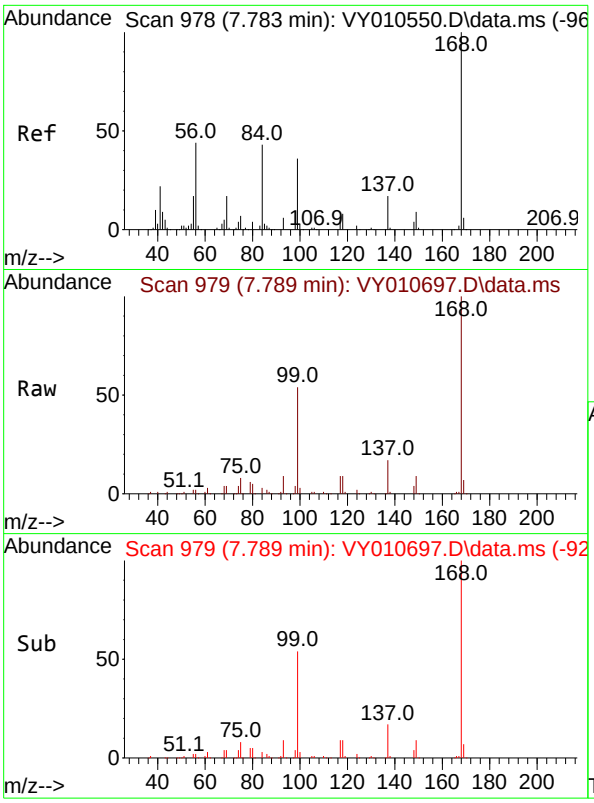
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092722\
Data File : VY010697.D
Acq On : 27 Sep 2022 14:52
Operator : KP/MD
Sample : N4751-05
Misc : 10.16g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PE-5

Quant Time: Sep 28 01:25:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 01:02:44 2022
Response via : Initial Calibration



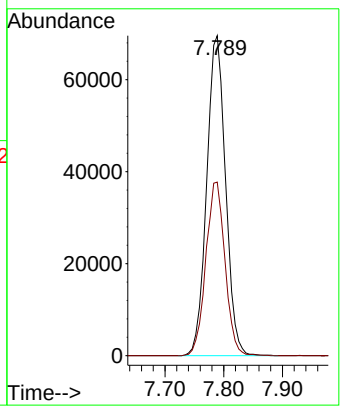


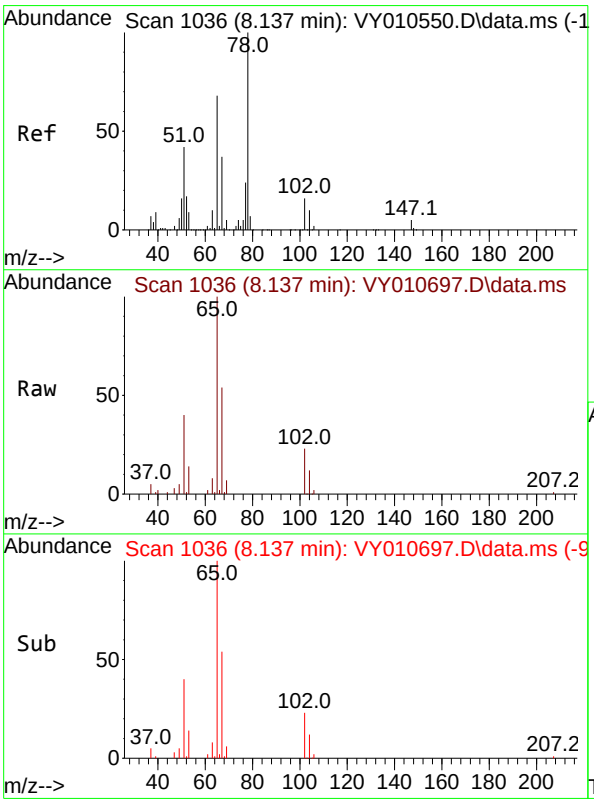
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY010697.D
Acq: 27 Sep 2022 14:52

Instrument :
MSVOA_Y
ClientSampleId :
PE-5

Tgt Ion:168 Resp: 155058

Ion	Ratio	Lower	Upper
168	100		
99	54.3	46.9	70.3

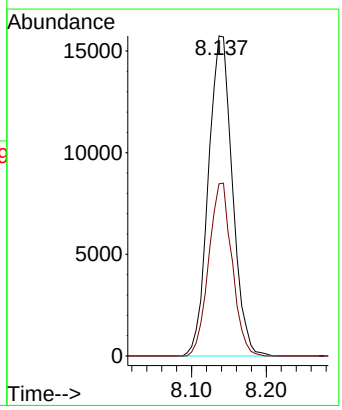


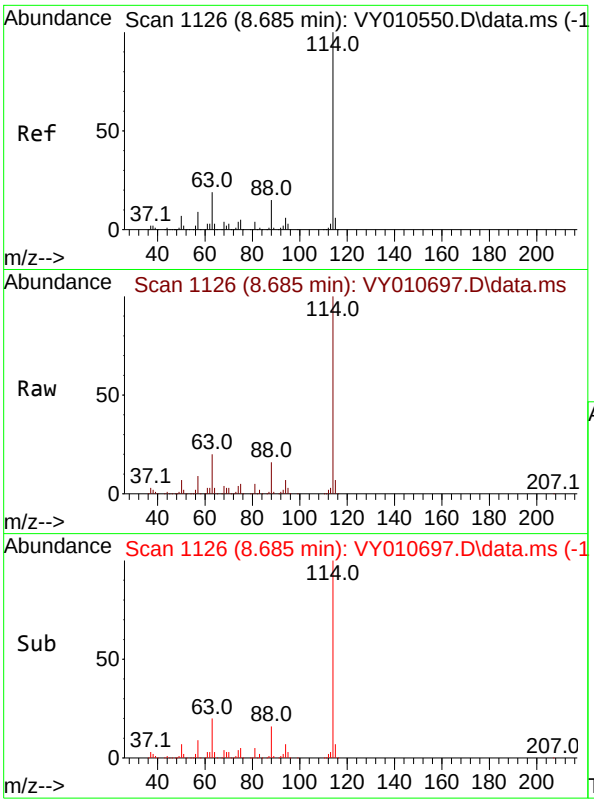


#33
1,2-Dichloroethane-d4
Concen: 23.740 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY010697.D
Acq: 27 Sep 2022 14:52

Tgt Ion: 65 Resp: 35209

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	99.4



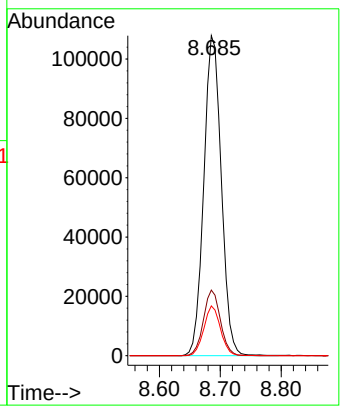


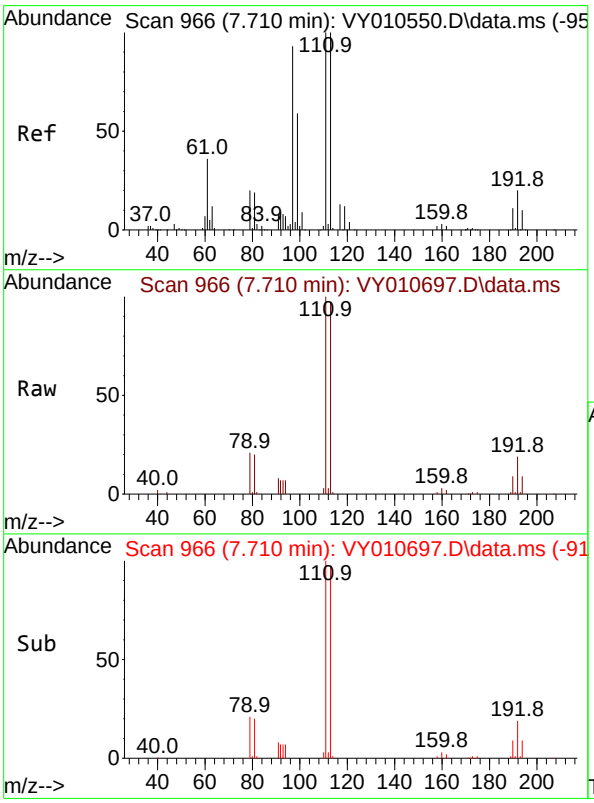
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010697.D
Acq: 27 Sep 2022 14:52

Instrument :
MSVOA_Y
ClientSampleId :
PE-5

Tgt Ion:114 Resp: 215374

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	43.2
88	15.5	0.0	31.8

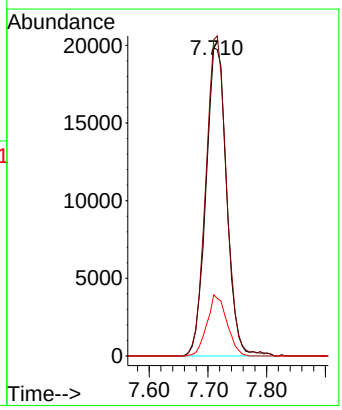


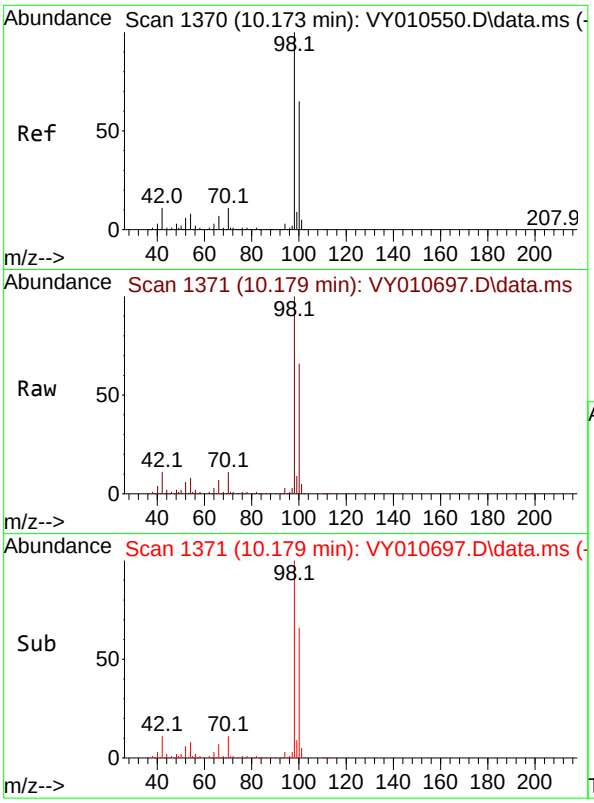


#35
Dibromofluoromethane
Concen: 35.480 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010697.D
Acq: 27 Sep 2022 14:52

Tgt Ion:113 Resp: 48768

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	124.0
192	19.0	17.6	26.4



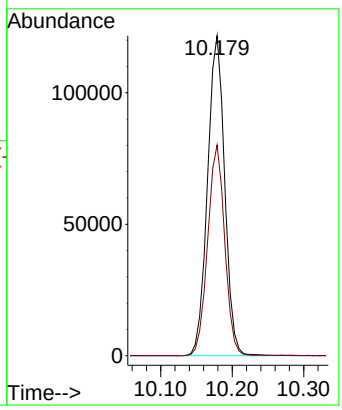


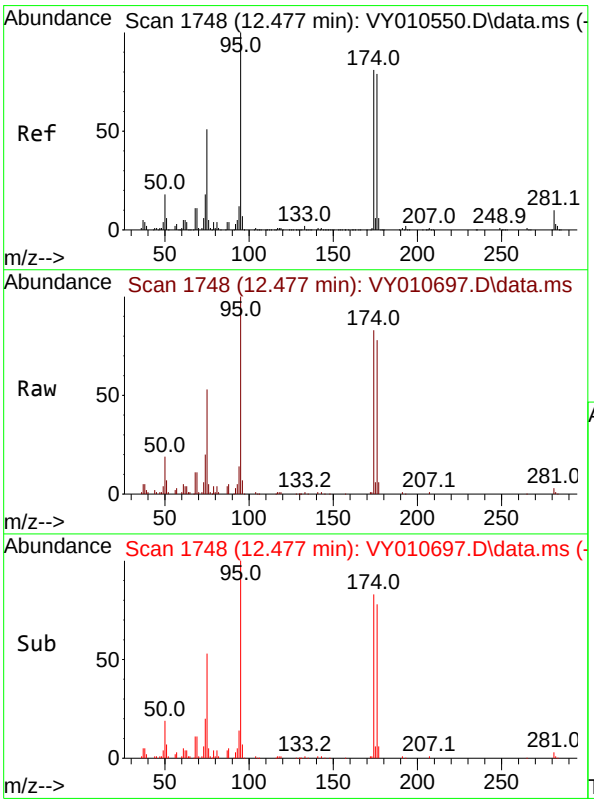
#50
Toluene-d8
Concen: 40.552 ug/l
RT: 10.179 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY010697.D
Acq: 27 Sep 2022 14:52

Instrument :
MSVOA_Y
ClientSampleId :
PE-5

Tgt Ion: 98 Resp: 202806

Ion	Ratio	Lower	Upper
98	100		
100	65.3	50.2	75.2

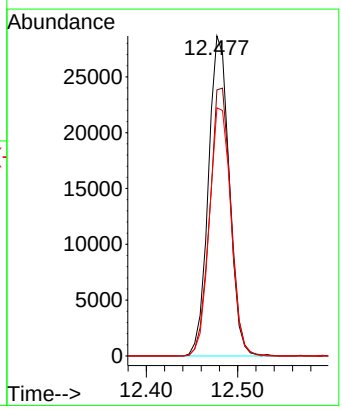


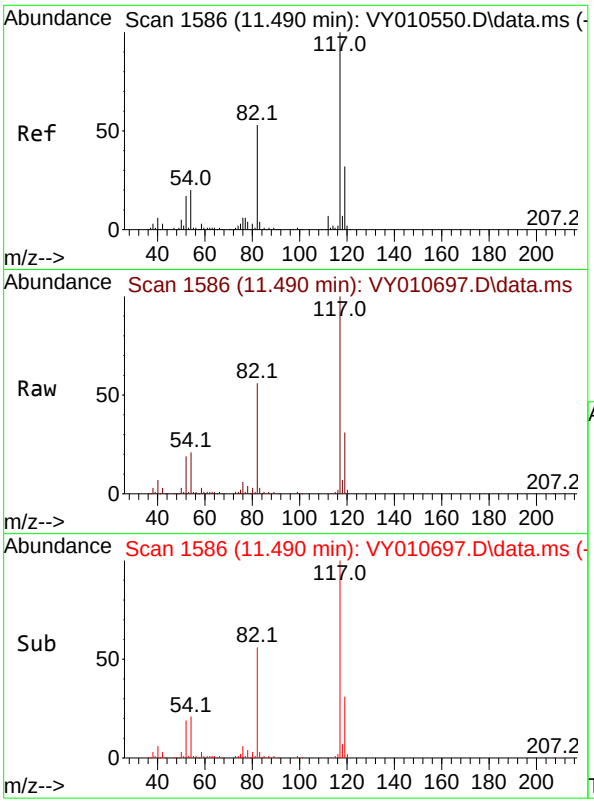


#62
4-Bromofluorobenzene
Concen: 22.515 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010697.D
Acq: 27 Sep 2022 14:52

Tgt Ion: 95 Resp: 45246

Ion	Ratio	Lower	Upper
95	100		
174	85.5	0.0	177.0
176	80.5	0.0	175.8



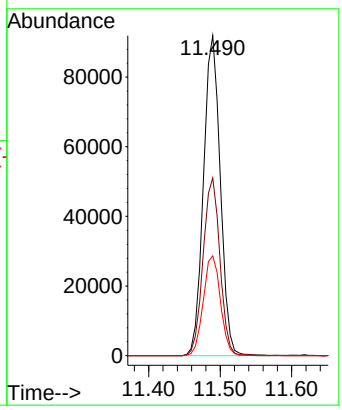


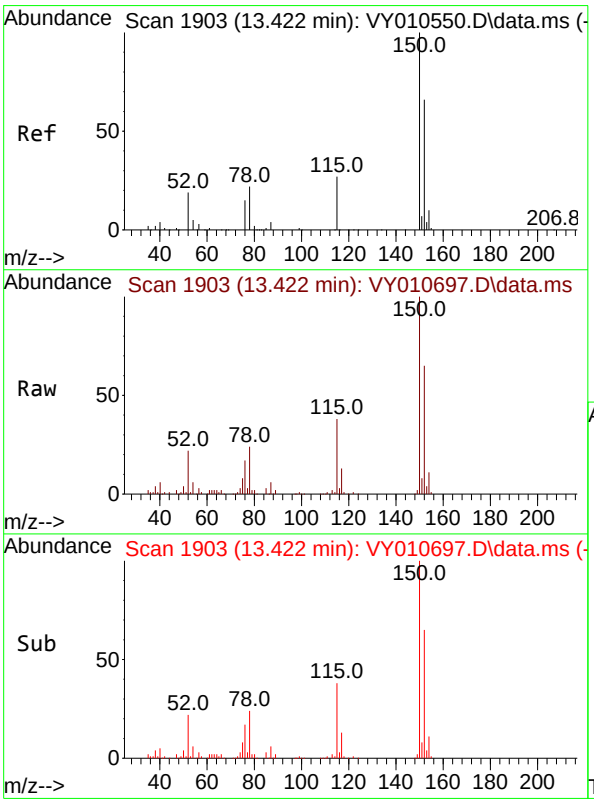
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY010697.D
Acq: 27 Sep 2022 14:52

Instrument :
MSVOA_Y
ClientSampleId :
PE-5

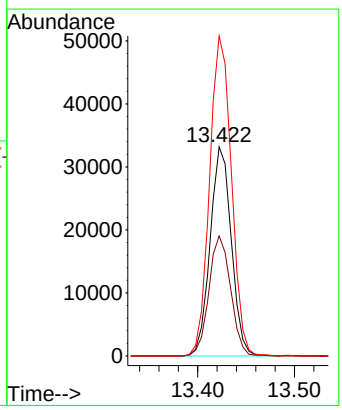
Tgt Ion:117 Resp: 150188

Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.0	64.4
119	31.2	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010697.D
Acq: 27 Sep 2022 14:52

Tgt Ion:152 Resp: 50556

Ion	Ratio	Lower	Upper
152	100		
115	58.7	28.2	84.7
150	157.3	0.0	347.6