

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121620\
 Data File : VY003807.D
 Acq On : 16 Dec 2020 16:11
 Operator : SY/MD
 Sample : L5036-05
 Misc : 4.18G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-4

Quant Time: Dec 17 02:53:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y121520S.M
 Quant Title : Sw846 8260
 QLast Update : Wed Dec 16 05:00:50 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	167386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	288398	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	238778	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	95176	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	98408	47.41	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.82%		
35) Dibromofluoromethane	7.728	113	89256	42.78	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	85.56%		
50) Toluene-d8	10.179	98	337952	40.92	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	81.84%		
62) 4-Bromofluorobenzene	12.477	95	90302	31.82	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	63.64%		

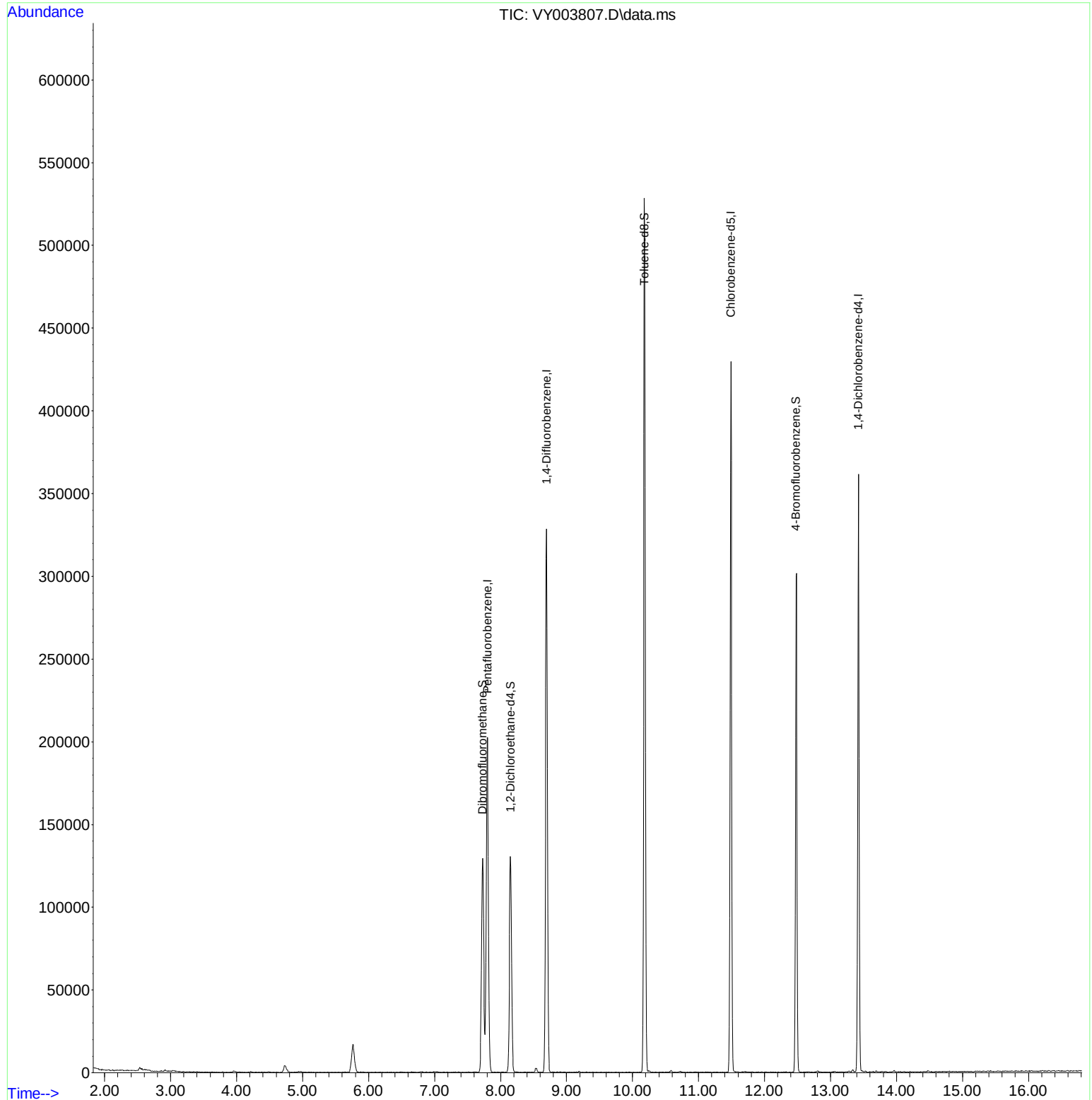
Target Compounds Qvalue

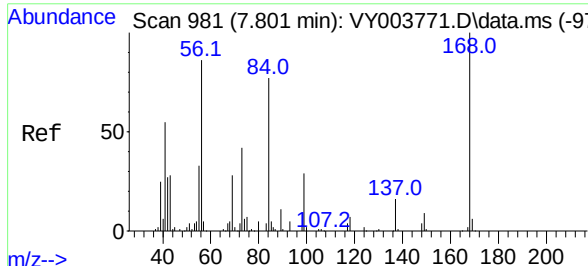
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121620\
Data File : VY003807.D
Acq On : 16 Dec 2020 16:11
Operator : SY/MD
Sample : L5036-05
Misc : 4.18G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-4

Quant Time: Dec 17 02:53:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y121520S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 16 05:00:50 2020
Response via : Initial Calibration

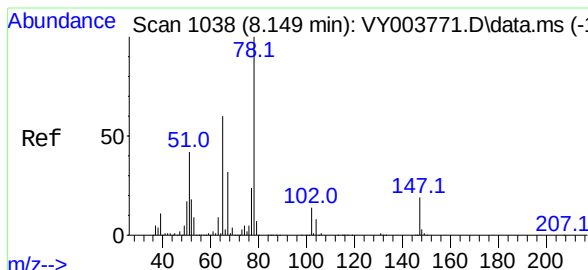
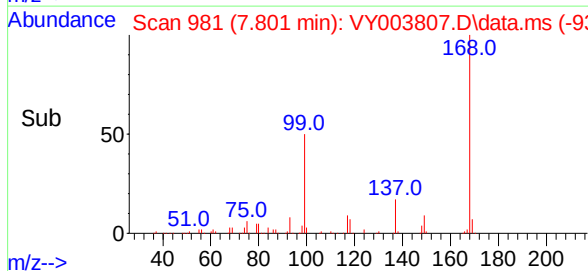
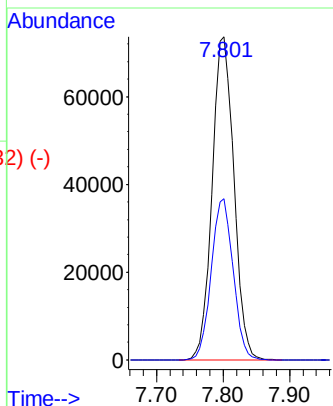
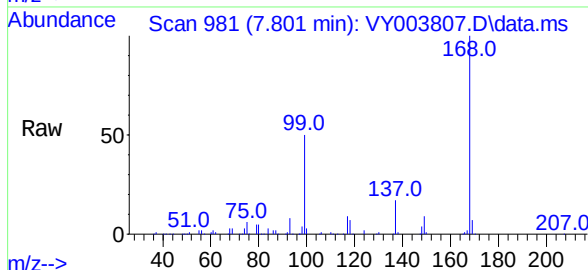




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. 0.000 min
 Lab File: VY003807.D
 Acq: 16 Dec 2020 16:11

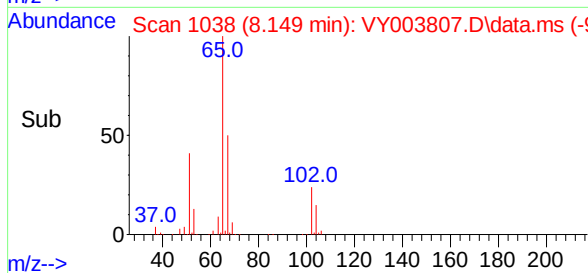
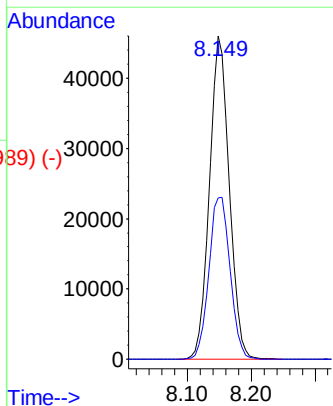
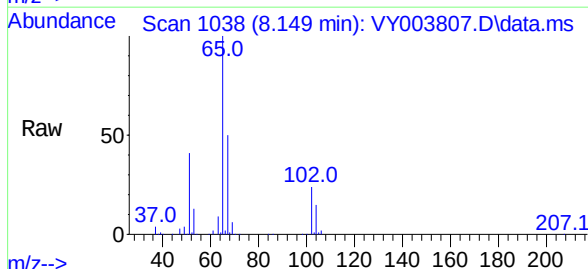
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-4

Tgt Ion:168 Resp: 167386
 Ion Ratio Lower Upper
 168 100
 99 49.9 41.9 62.9

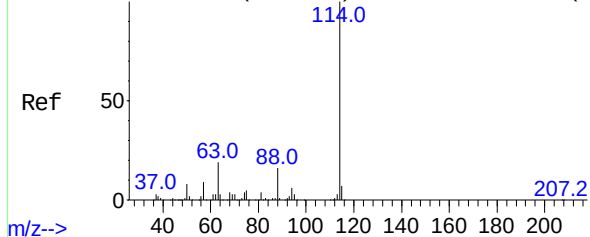


1,2-Dichloroethane-d4
 Concen: 47.41 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY003807.D
 Acq: 16 Dec 2020 16:11

Tgt Ion: 65 Resp: 98408
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.6



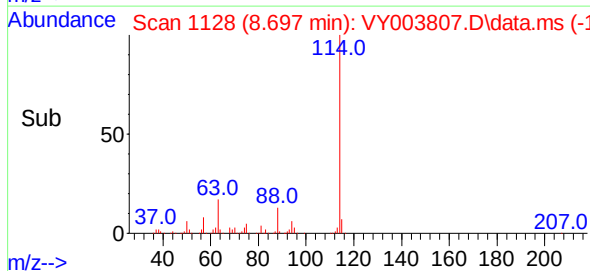
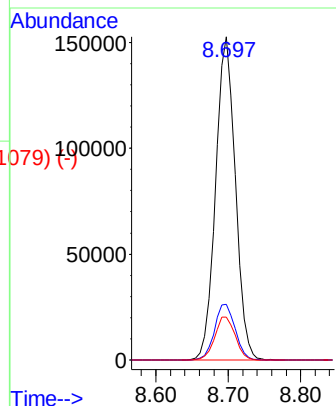
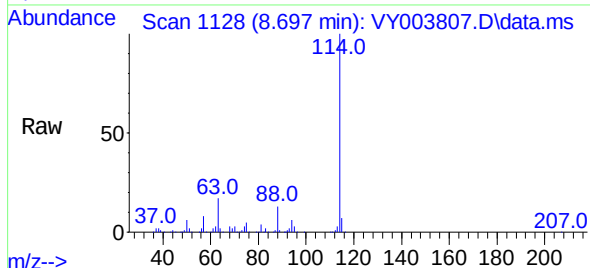
Abundance Scan 1128 (8.697 min): VY003771.D\data.ms (-1118)



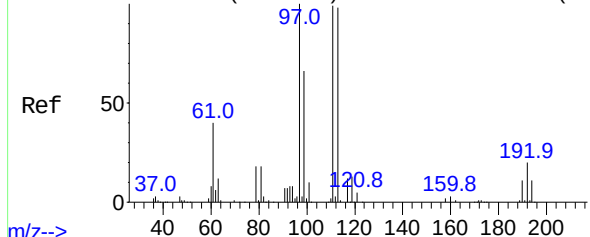
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY003807.D
Acq: 16 Dec 2020 16:11

Instrument :
MSVOA_Y
ClientSampled :
B-4

Tgt Ion:	114	Resp:	288398
Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	38.4
88	13.2	0.0	31.8

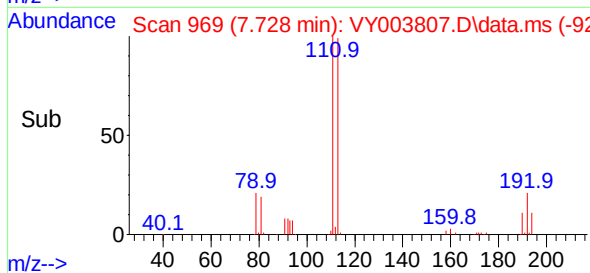
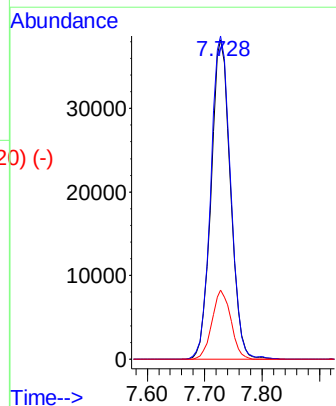
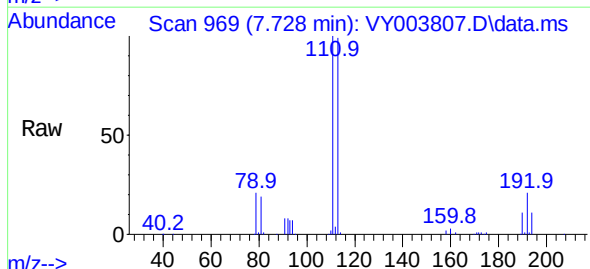


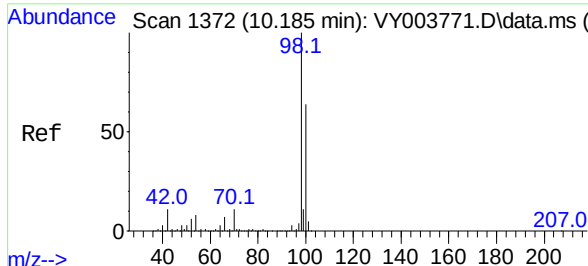
Abundance Scan 969 (7.728 min): VY003771.D\data.ms (-958)



Dibromofluoromethane
Concen: 42.78 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY003807.D
Acq: 16 Dec 2020 16:11

Tgt Ion:	113	Resp:	89256
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.2	123.2
192	21.0	16.7	25.1

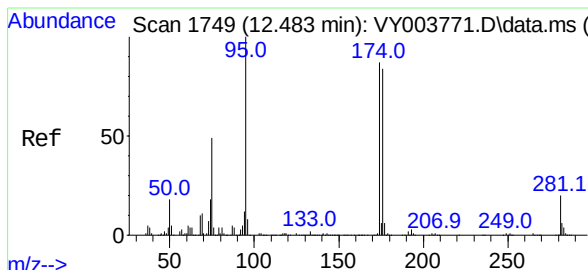
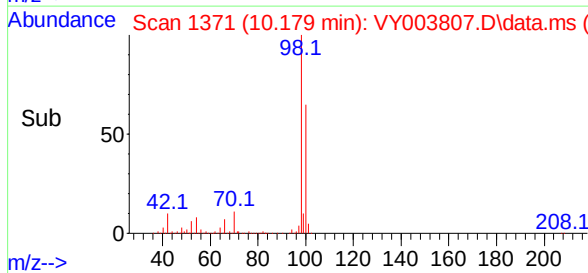
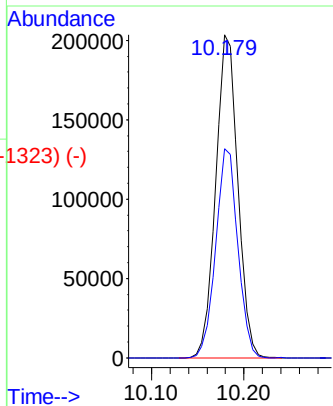
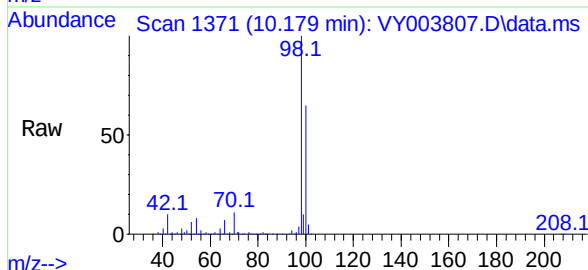




Toluene-d8
 Concen: 40.92 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.006 min
 Lab File: VY003807.D
 Acq: 16 Dec 2020 16:11

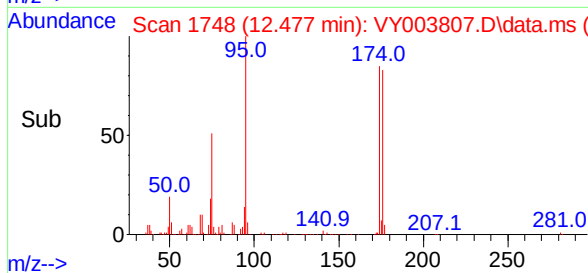
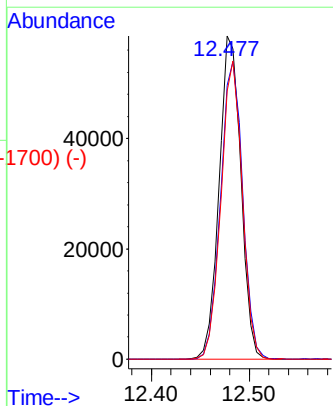
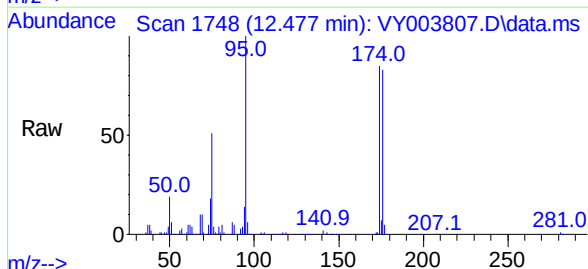
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-4

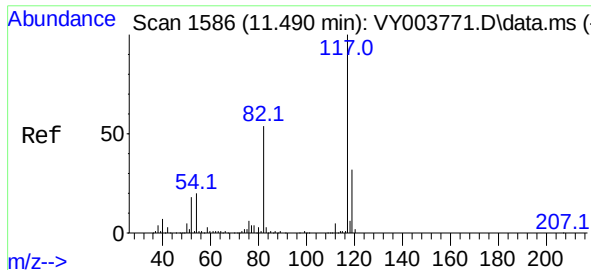
Tgt Ion: 98 Resp: 337952
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.6 77.4



4-Bromofluorobenzene
 Concen: 31.82 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.006 min
 Lab File: VY003807.D
 Acq: 16 Dec 2020 16:11

Tgt Ion: 95 Resp: 90302
 Ion Ratio Lower Upper
 95 100
 174 93.6 0.0 170.8
 176 90.7 0.0 165.0



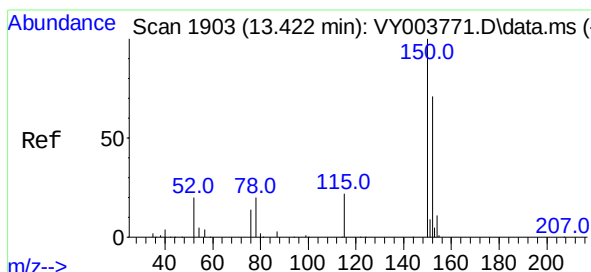
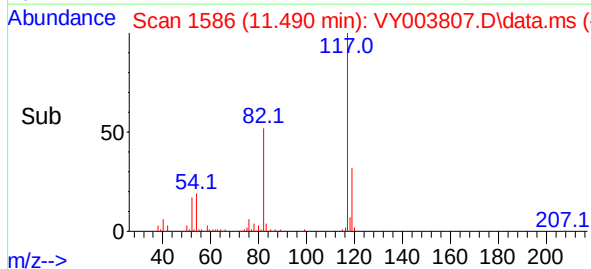
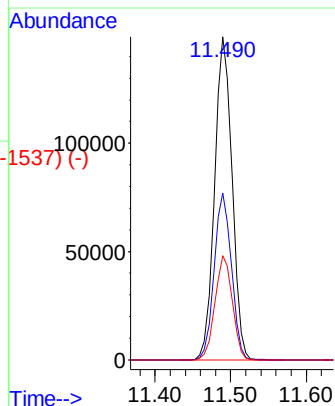
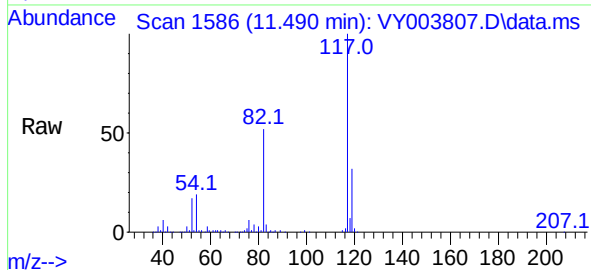


#53 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003807.D
Acq: 16 Dec 2020 16:11

Instrument :
MSVOA_Y
ClientSampleId :
B-4

Tgt Ion:117 Resp: 238778

Ion	Ratio	Lower	Upper
117	100		
82	51.8	43.0	64.6
119	32.2	25.7	38.5



#53 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY003807.D
Acq: 16 Dec 2020 16:11

Tgt Ion:152 Resp: 95176

Ion	Ratio	Lower	Upper
152	100		
115	53.0	28.0	83.9
150	156.7	0.0	347.6

