

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021221\
 Data File : VY004024.D
 Acq On : 12 Feb 2021 15:37
 Operator : SY/MD
 Sample : M1403-02
 Misc : 6.69g/5mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11939

Quant Time: Feb 13 00:12:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 01 00:38:02 2021
 Response via : Initial Calibration

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

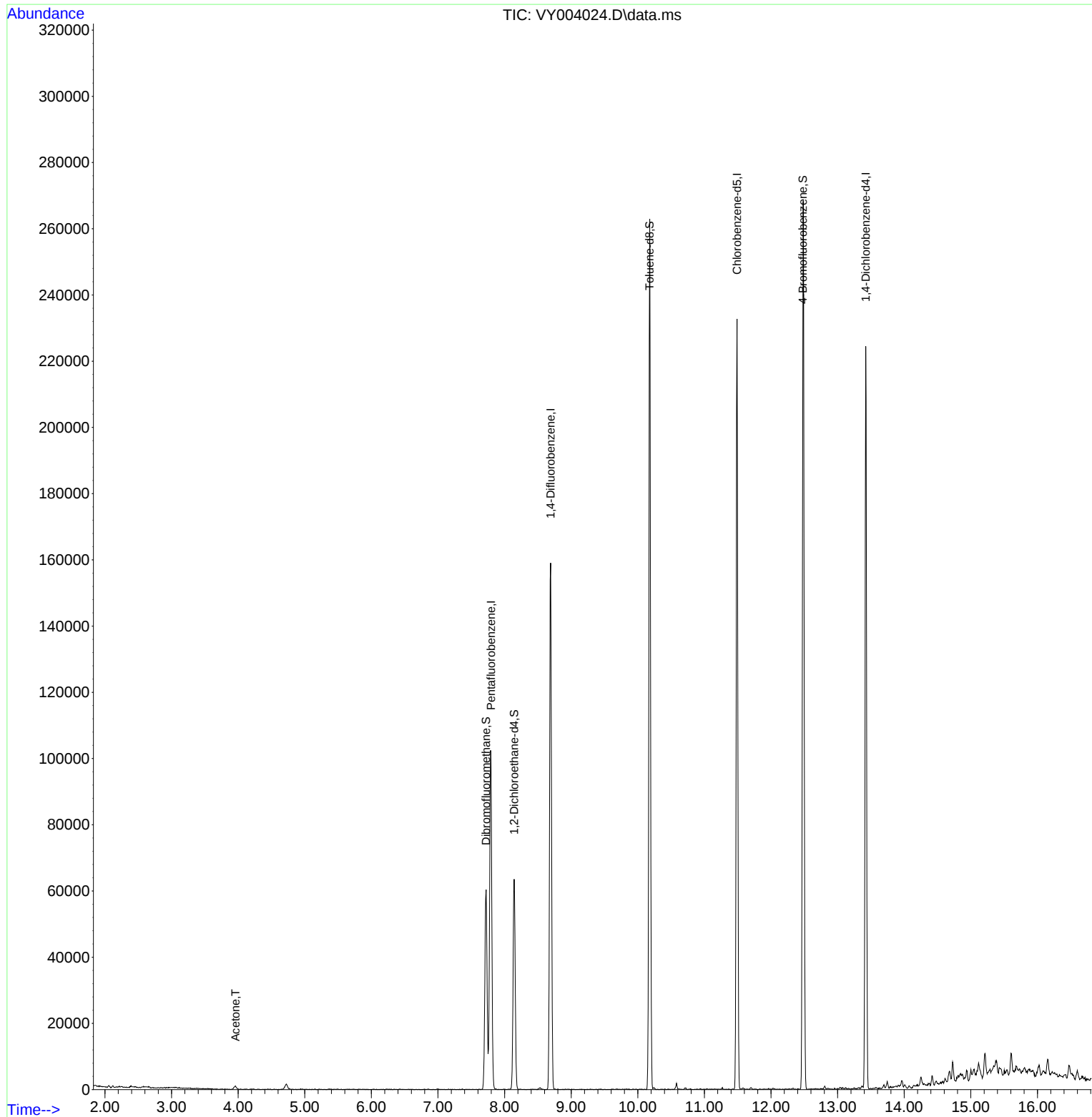
Internal Standards						
1) Pentafluorobenzene	7.795	168	82466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	134069	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	121982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57382	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	50324	55.50	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.00%
35) Dibromofluoromethane	7.722	113	42046	53.64	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.28%
50) Toluene-d8	10.179	98	163093	53.02	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.04%
62) 4-Bromofluorobenzene	12.477	95	56385	50.28	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.56%
Target Compounds						
16) Acetone	3.960	43	1945	8.74	ug/l	Qvalue 97

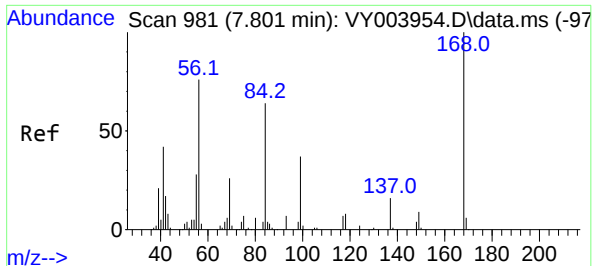
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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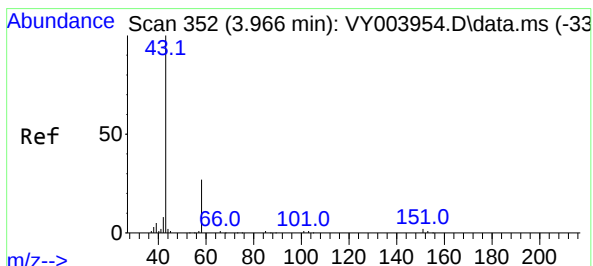
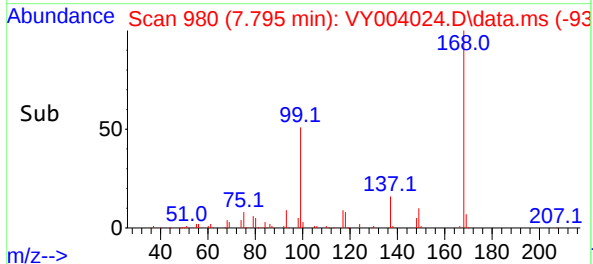
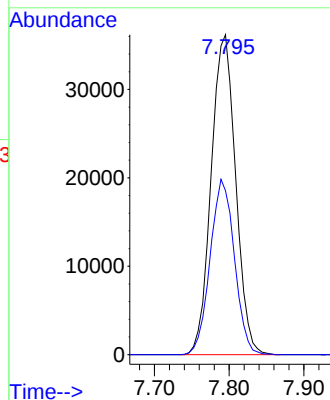
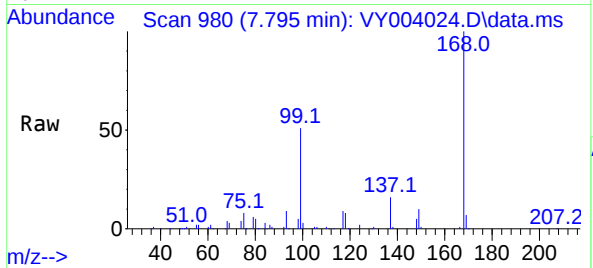




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004024.D
Acq: 12 Feb 2021 15:37

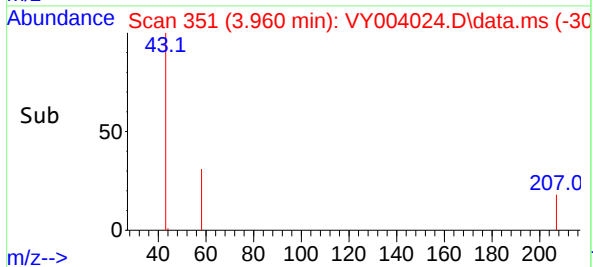
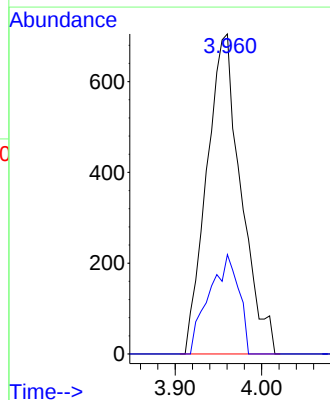
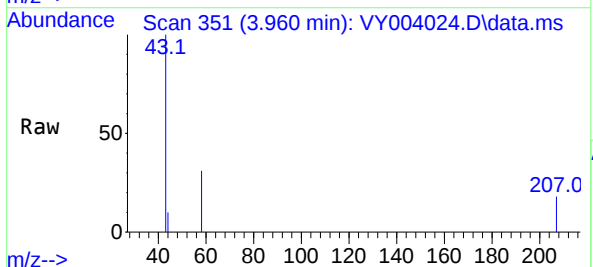
Instrument :
MSVOA_Y
ClientSampleId :
72-11939

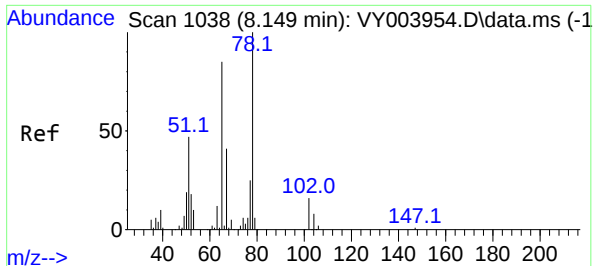
Tgt Ion:168 Resp: 82466
Ion Ratio Lower Upper
168 100
99 51.3 46.1 69.1



#16
Acetone
Concen: 8.74 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY004024.D
Acq: 12 Feb 2021 15:37

Tgt Ion: 43 Resp: 1945
Ion Ratio Lower Upper
43 100
58 31.1 23.4 35.0

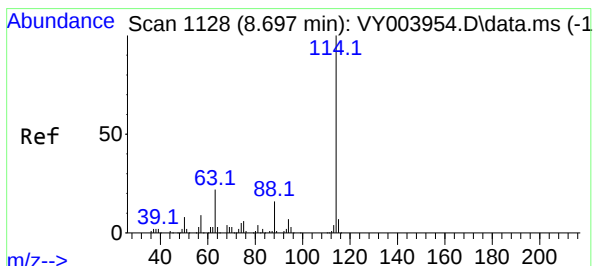
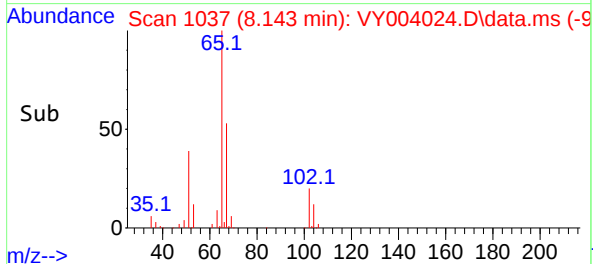
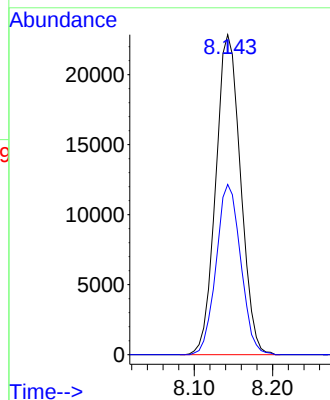
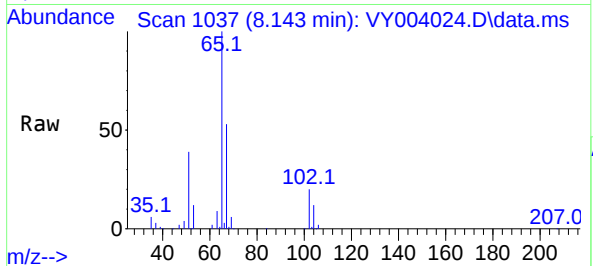




#33
1,2-Dichloroethane-d4
Concen: 55.50 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY004024.D
Acq: 12 Feb 2021 15:37

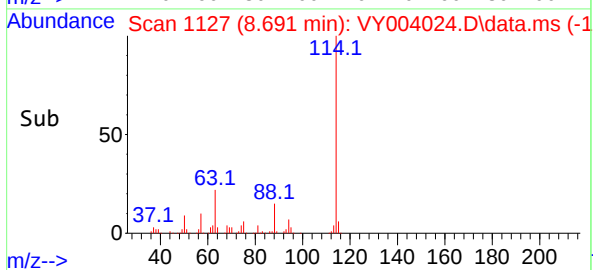
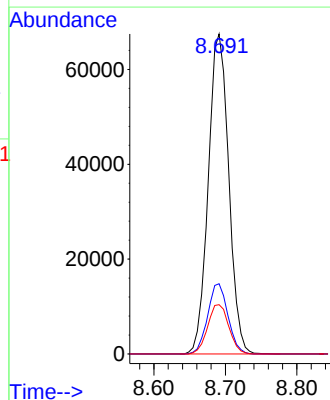
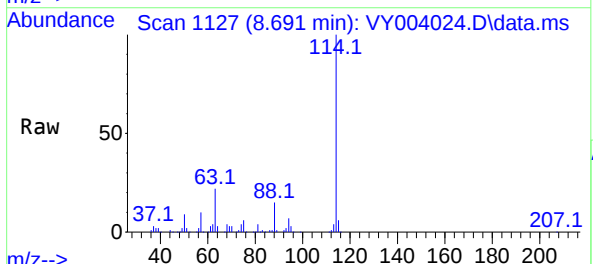
Instrument :
MSVOA_Y
ClientSampled :
72-11939

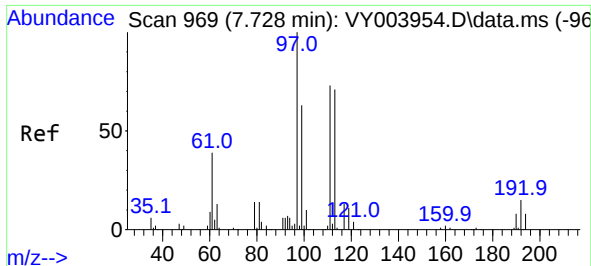
Tgt Ion: 65 Resp: 50324
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004024.D
Acq: 12 Feb 2021 15:37

Tgt Ion: 114 Resp: 134069
Ion Ratio Lower Upper
114 100
63 22.0 0.0 47.2
88 15.4 0.0 30.2

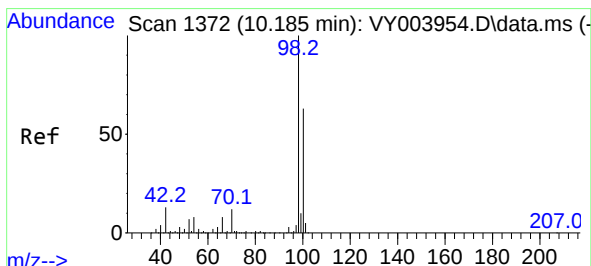
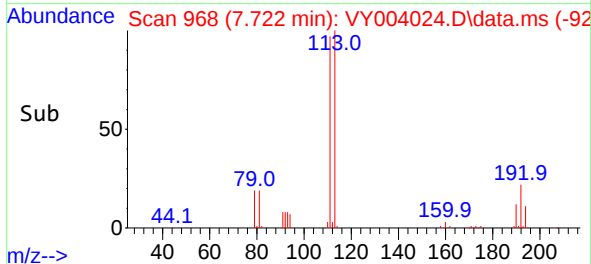
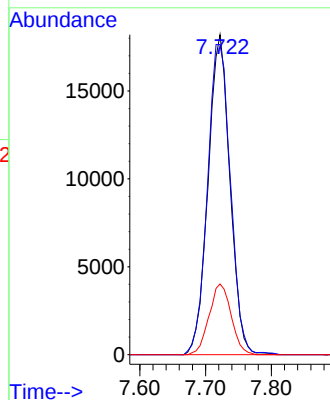
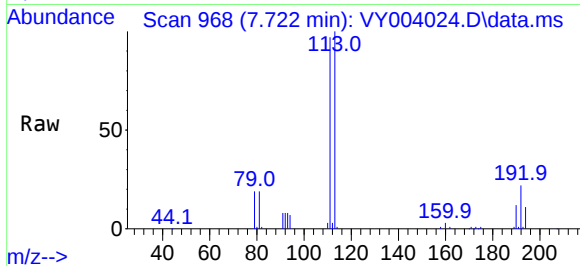




#35
Dibromofluoromethane
Concen: 53.64 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004024.D
Acq: 12 Feb 2021 15:37

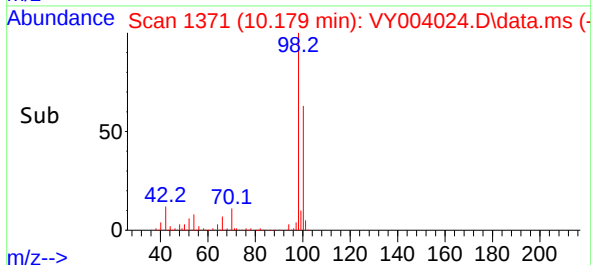
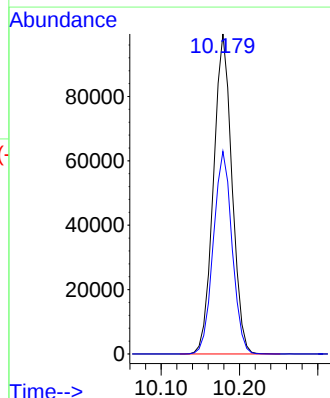
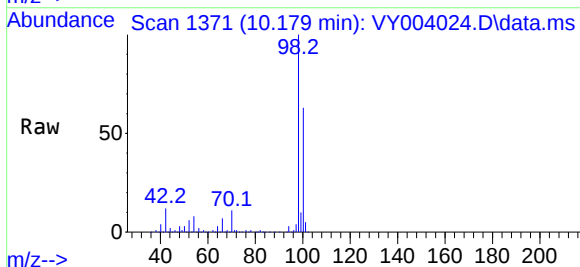
Instrument :
MSVOA_Y
ClientSampleId :
72-11939

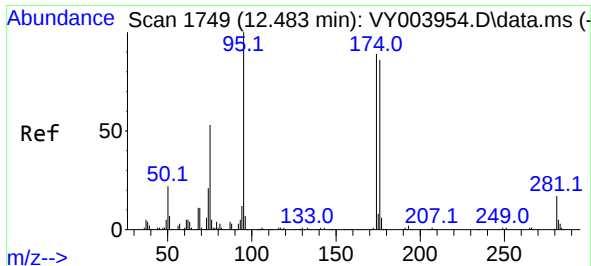
Tgt Ion:113 Resp: 42046
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 22.3 18.3 27.5



#50
Toluene-d8
Concen: 53.02 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004024.D
Acq: 12 Feb 2021 15:37

Tgt Ion: 98 Resp: 163093
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7

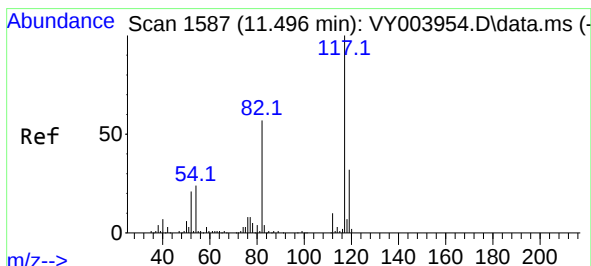
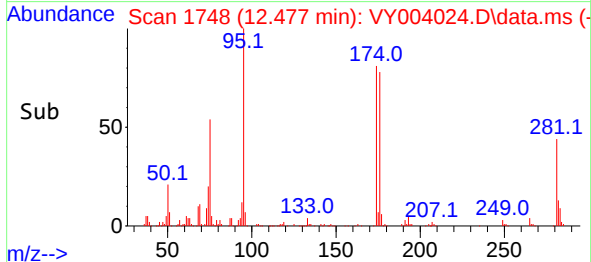
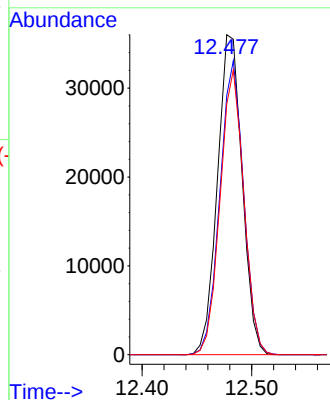
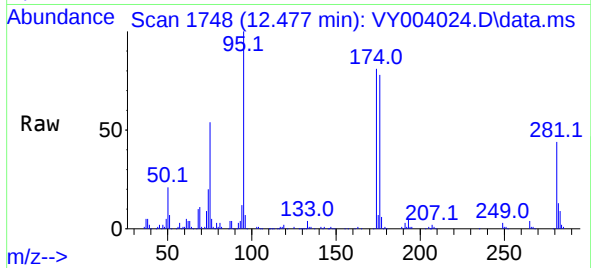




#62
4-Bromofluorobenzene
Concen: 50.28 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY004024.D
Acq: 12 Feb 2021 15:37

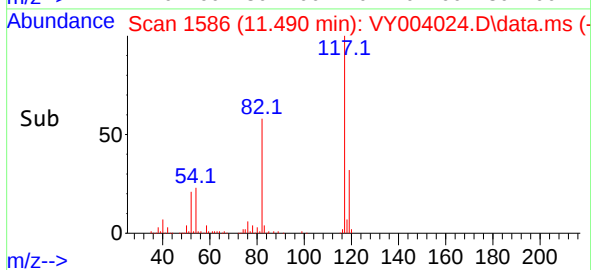
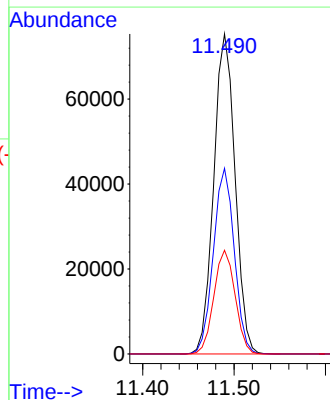
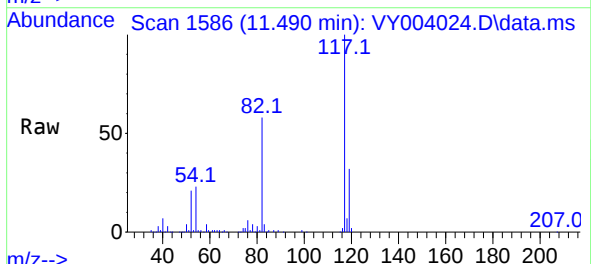
Instrument :
MSVOA_Y
ClientSampleId :
72-11939

Tgt Ion:	95	Resp:	56385
Ion Ratio	Lower	Upper	
95	100		
174	88.3	0.0	184.4
176	85.4	0.0	177.2

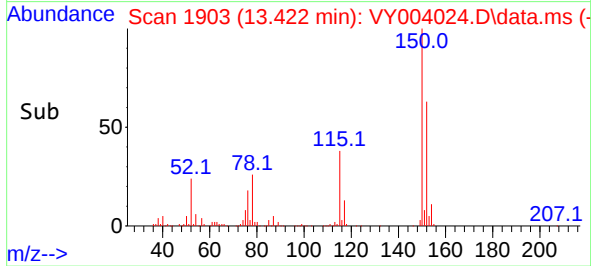
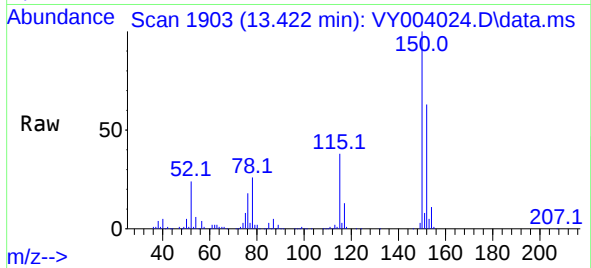
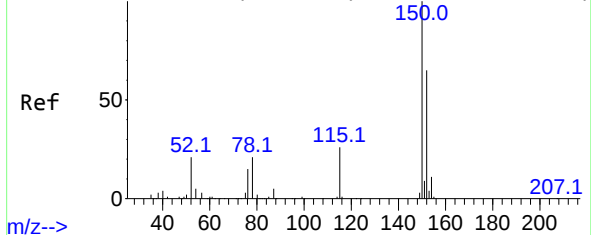


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY004024.D
Acq: 12 Feb 2021 15:37

Tgt Ion:	117	Resp:	121982
Ion Ratio	Lower	Upper	
117	100		
82	58.0	44.3	66.5
119	32.4	25.0	37.6

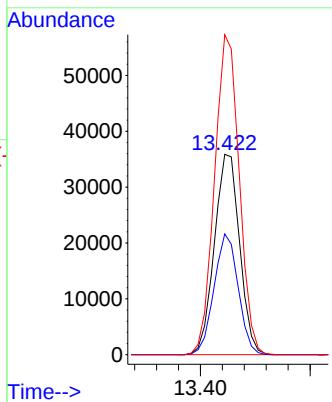


Abundance Scan 1904 (13.428 min): VY003954.D\data.ms (-



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY004024.D
Acq: 12 Feb 2021 15:37

Tgt Ion:152 Resp: 57382
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.6
150 156.2 0.0 356.2



Instrument :
MSVOA_Y
ClientSampleId :
72-11939