

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005698.D
 Acq On : 17 Aug 2021 03:31
 Operator : SY/MD
 Sample : M3425-10
 Misc : 9.56G/5ML/MSVOA_Y/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 22N

Quant Time: Aug 17 05:24:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

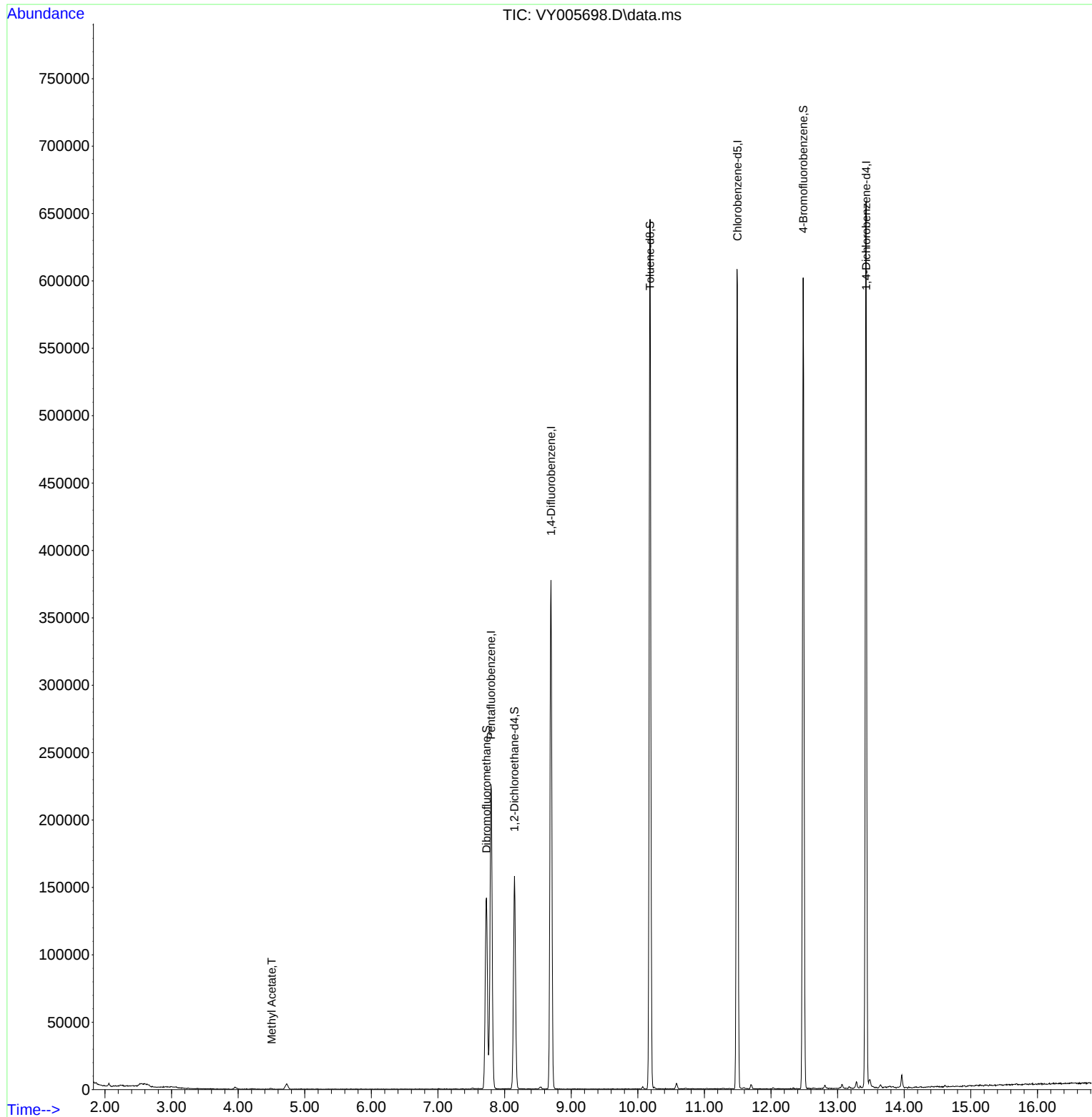
Internal Standards						
1) Pentafluorobenzene	7.795	168	183089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	316063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	326712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168390	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	122392	66.039	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.080%	
35) Dibromofluoromethane	7.728	113	95481	53.957	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.920%	
50) Toluene-d8	10.184	98	408635	55.062	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.120%	
62) 4-Bromofluorobenzene	12.483	95	144924	58.970	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.940%	
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.503	43	1249	1.022	ug/l #	84

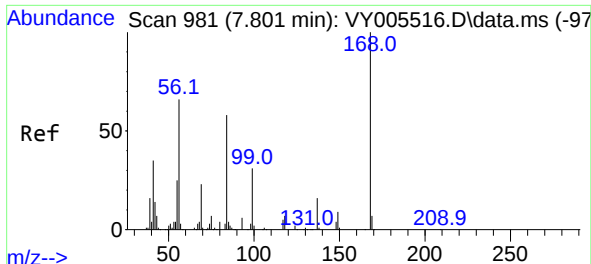
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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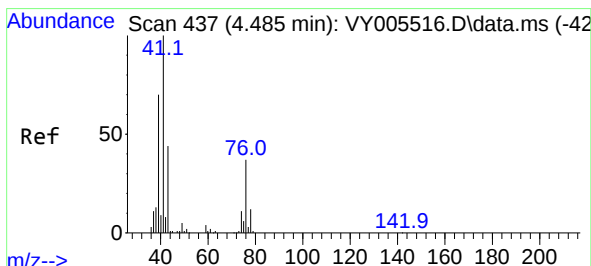
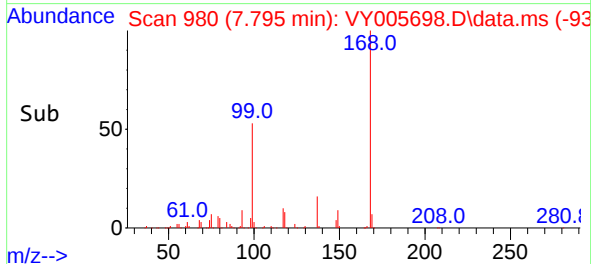
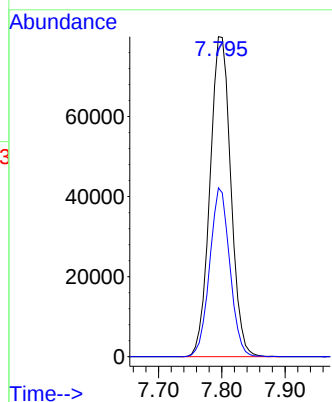
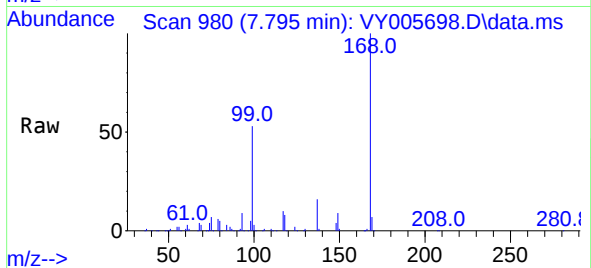




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005698.D
Acq: 17 Aug 2021 03:31

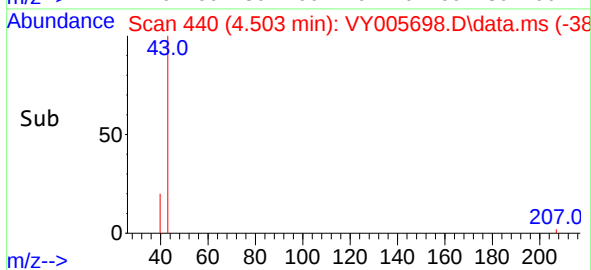
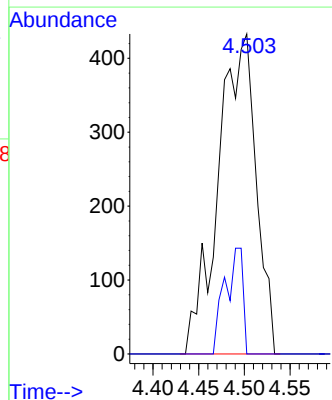
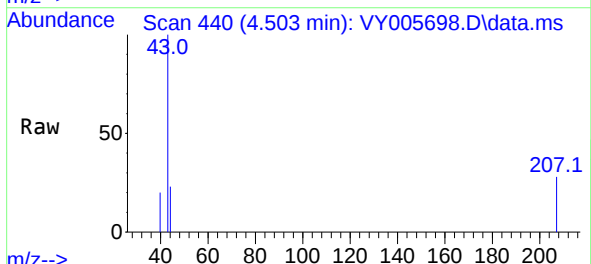
Instrument :
MSVOA_Y
ClientSampled :
22N

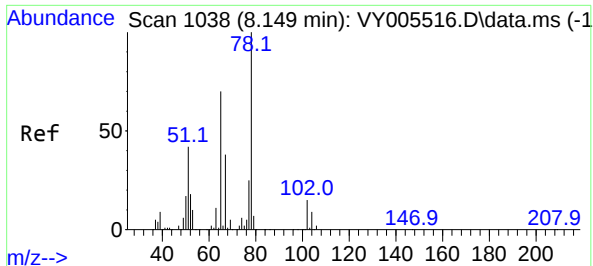
Tgt Ion:168 Resp: 183089
Ion Ratio Lower Upper
168 100
99 52.7 38.9 58.3



#18
Methyl Acetate
Concen: 1.022 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.018 min
Lab File: VY005698.D
Acq: 17 Aug 2021 03:31

Tgt Ion: 43 Resp: 1249
Ion Ratio Lower Upper
43 100
74 15.7 19.0 28.6#

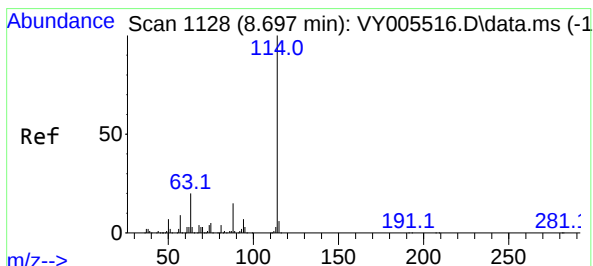
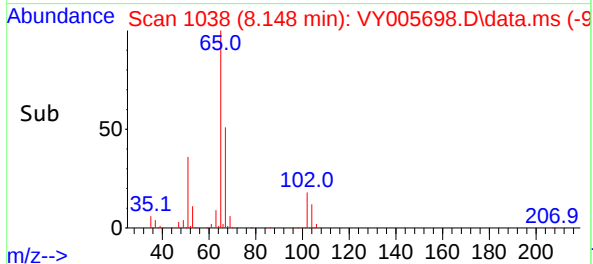
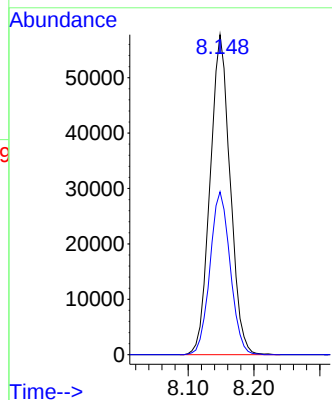
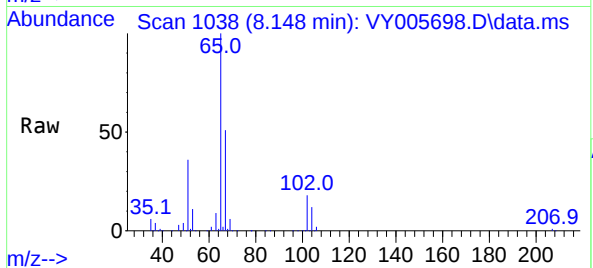




#33
1,2-Dichloroethane-d4
Concen: 66.039 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005698.D
Acq: 17 Aug 2021 03:31

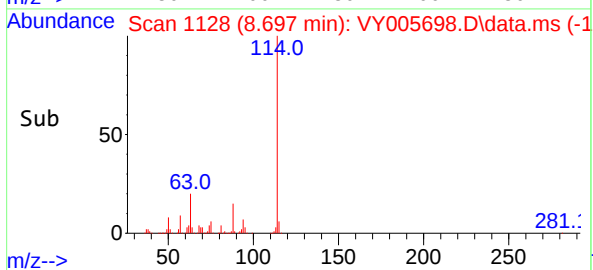
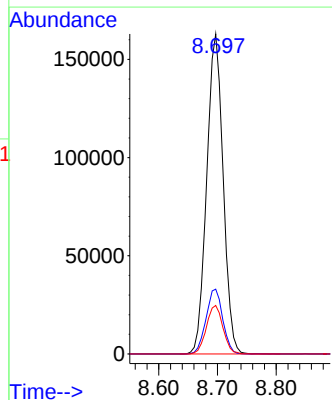
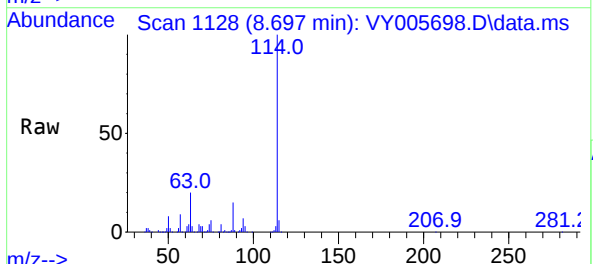
Instrument :
MSVOA_Y
ClientSampled :
22N

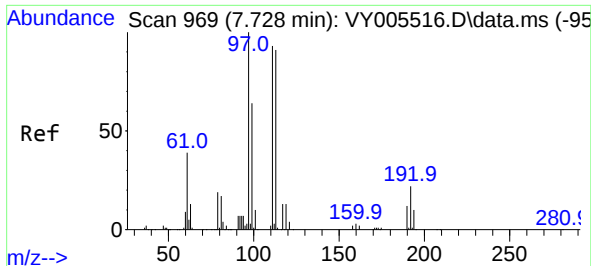
Tgt Ion: 65 Resp: 122392
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005698.D
Acq: 17 Aug 2021 03:31

Tgt Ion:114 Resp: 316063
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.2
88 15.2 0.0 30.8

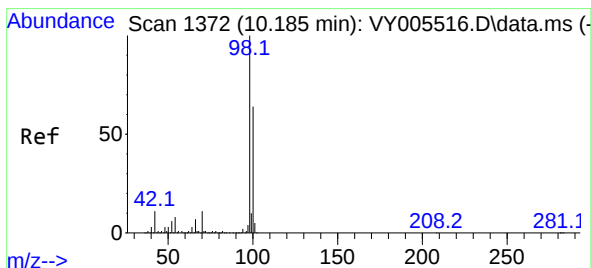
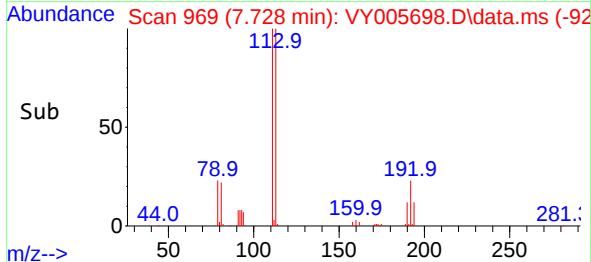
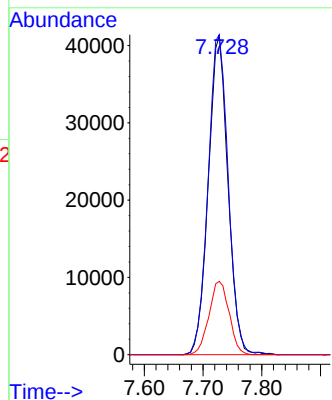
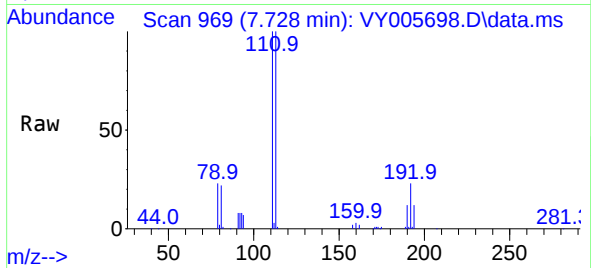




#35
Dibromofluoromethane
Concen: 53.957 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005698.D
Acq: 17 Aug 2021 03:31

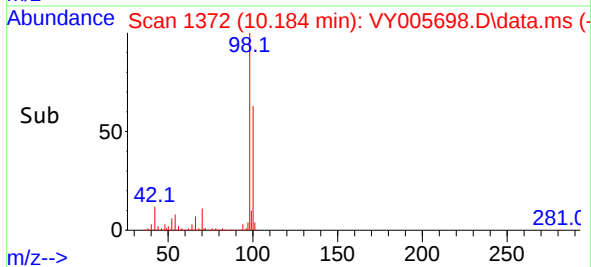
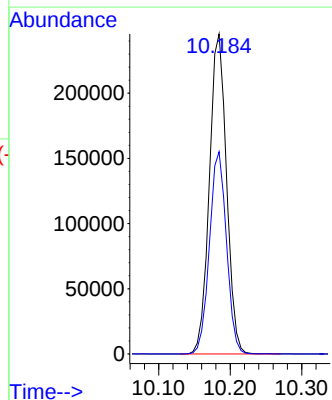
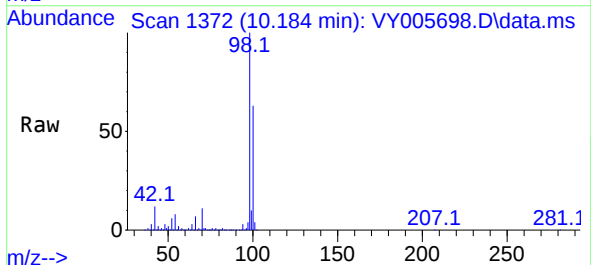
Instrument :
MSVOA_Y
ClientSampled :
22N

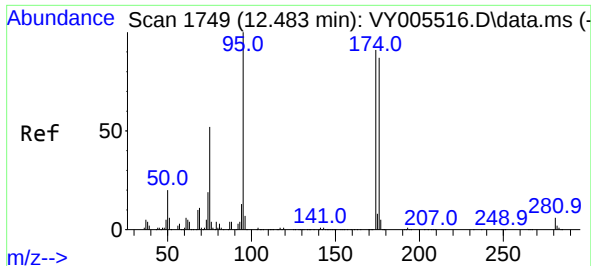
Tgt Ion:113 Resp: 95481
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 23.7 19.2 28.8



#50
Toluene-d8
Concen: 55.062 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005698.D
Acq: 17 Aug 2021 03:31

Tgt Ion: 98 Resp: 408635
Ion Ratio Lower Upper
98 100
100 62.6 51.3 76.9

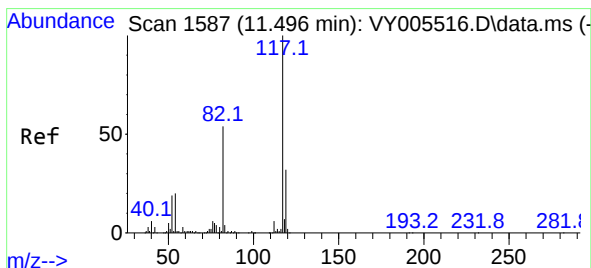
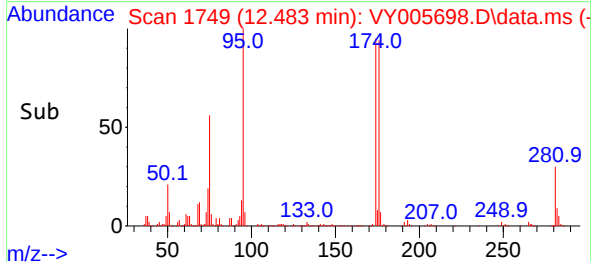
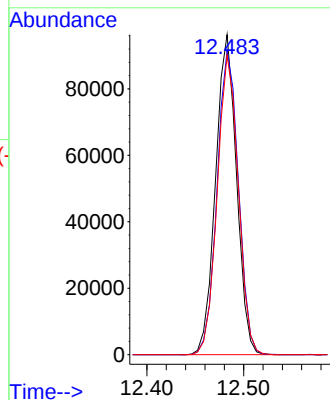
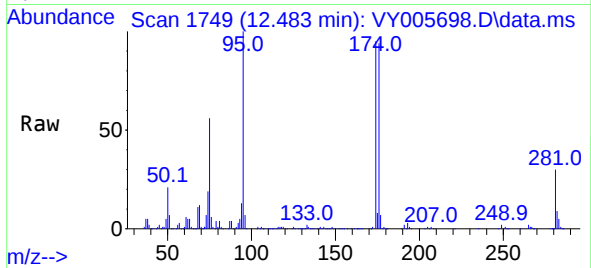




#62
4-Bromofluorobenzene
Concen: 58.970 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005698.D
Acq: 17 Aug 2021 03:31

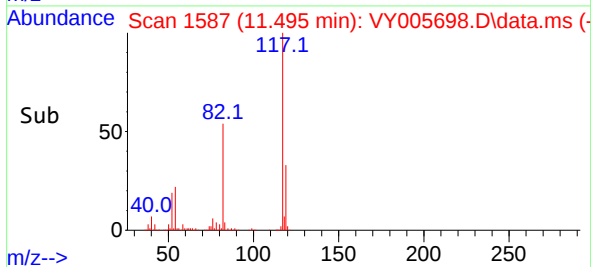
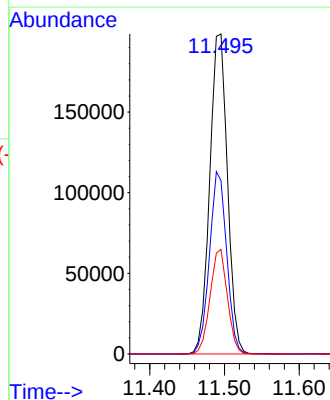
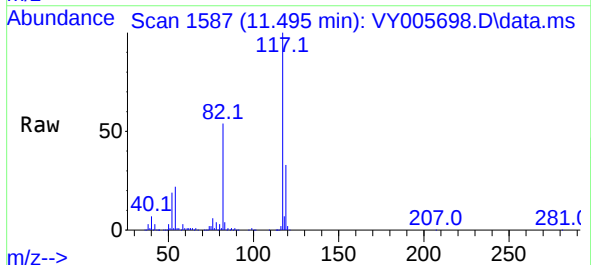
Instrument :
MSVOA_Y
ClientSampled :
22N

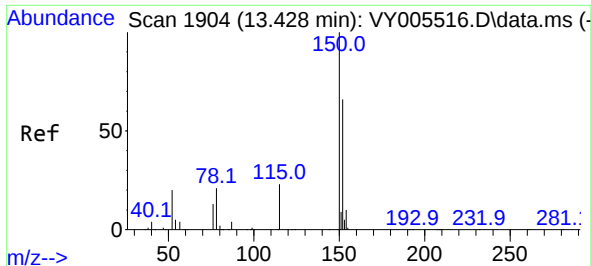
Tgt Ion: 95 Resp: 144924
Ion Ratio Lower Upper
95 100
174 96.8 0.0 191.4
176 93.8 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005698.D
Acq: 17 Aug 2021 03:31

Tgt Ion: 117 Resp: 326712
Ion Ratio Lower Upper
117 100
82 54.2 43.5 65.3
119 32.6 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005698.D
 Acq: 17 Aug 2021 03:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 22N

Tgt Ion:152 Resp: 168390
 Ion Ratio Lower Upper
 152 100
 115 54.5 27.3 81.9
 150 156.6 0.0 350.2

