

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080321\
 Data File : VD069968.D
 Acq On : 03 Aug 2021 16:10
 Operator : VA/SY
 Sample : M3268-09
 Misc : 8.34G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210513-99

Quant Time: Aug 04 01:33:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

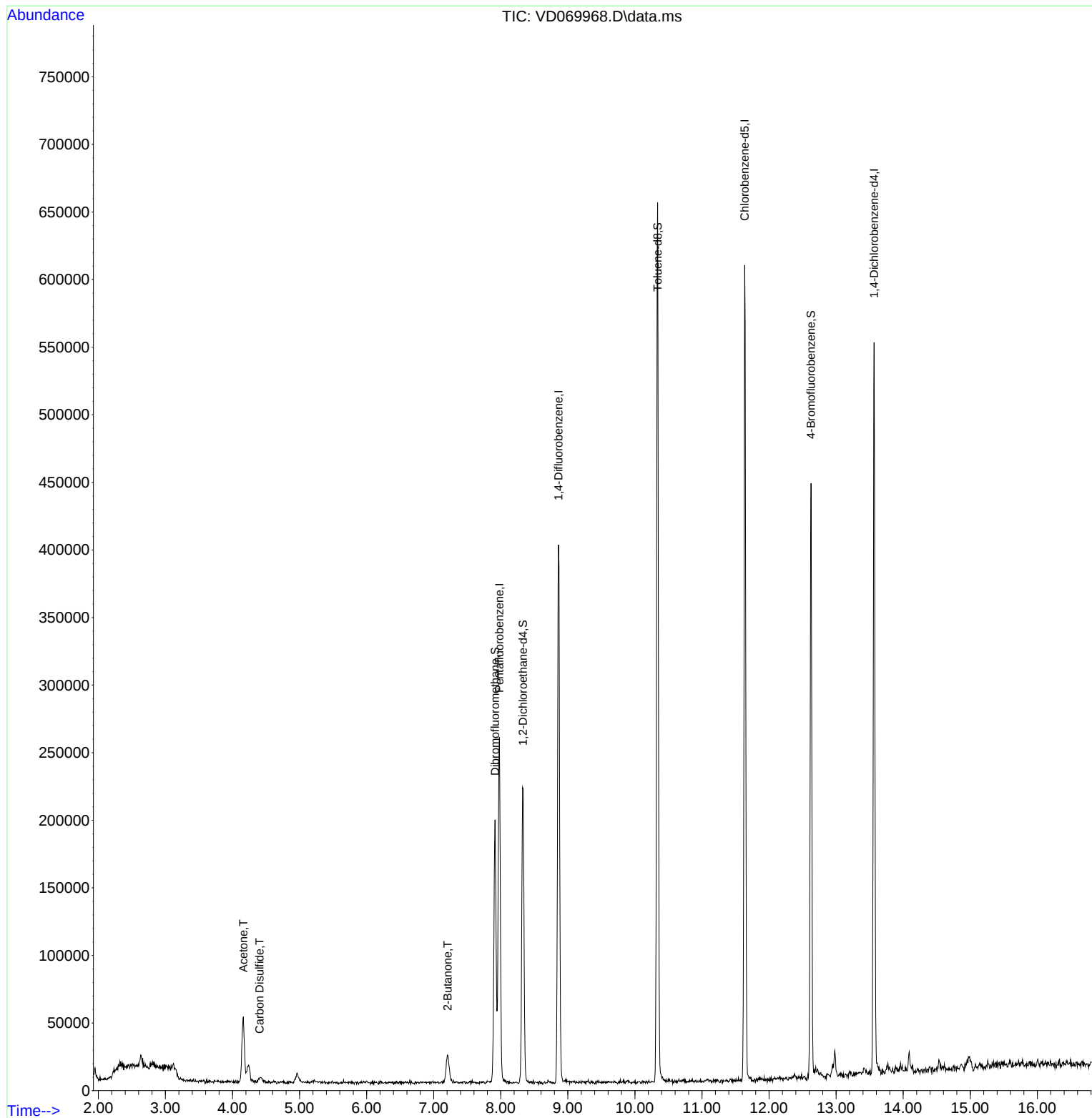
Internal Standards						
1) Pentafluorobenzene	7.979	168	179909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	351654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	357589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	142889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	176302	85.206	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 170.420%#	
35) Dibromofluoromethane	7.914	113	139896	63.106	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 126.220%	
50) Toluene-d8	10.337	98	455260	53.260	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.520%	
62) 4-Bromofluorobenzene	12.625	95	149631	52.378	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.760%	
Target Compounds						
						Qvalue
16) Acetone	4.161	43	81757	218.732	ug/l	88
17) Carbon Disulfide	4.402	76	7395	1.005	ug/l	96
25) 2-Butanone	7.208	43	26808	52.887	ug/l #	86

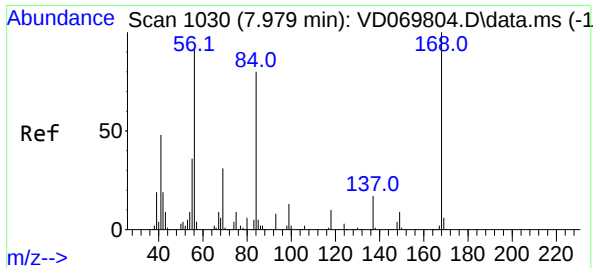
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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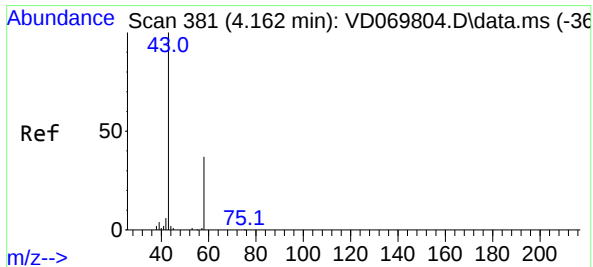
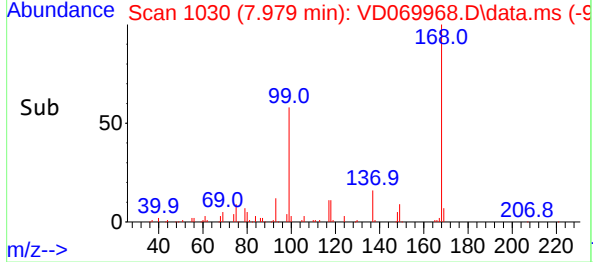
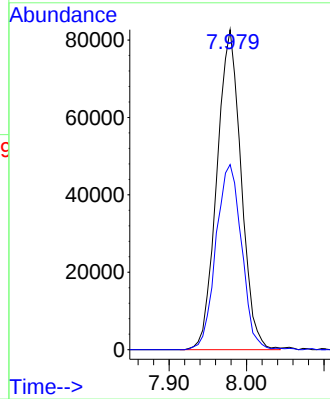
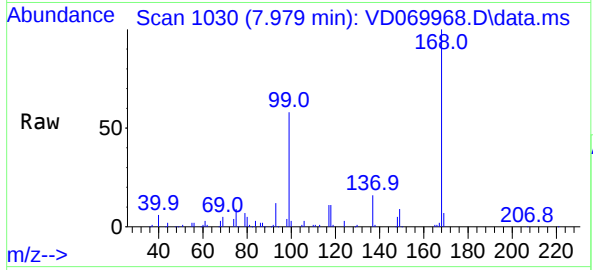




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069968.D
Acq: 03 Aug 2021 16:10

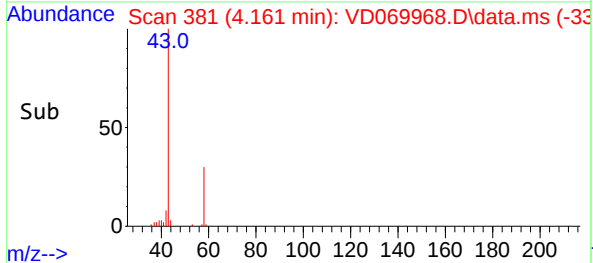
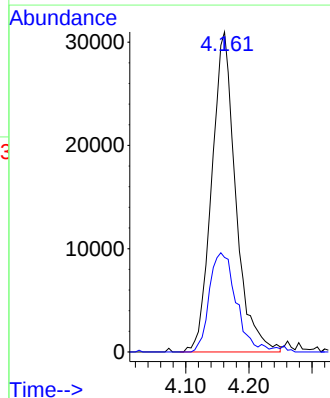
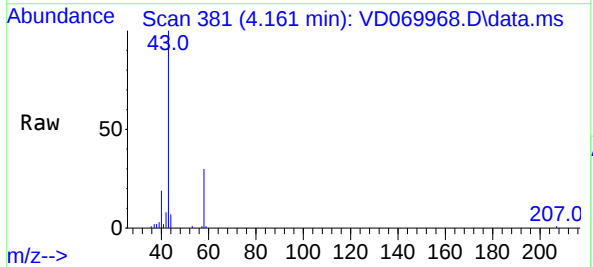
Instrument :
MSVOA_D
ClientSampleId :
20210513-99

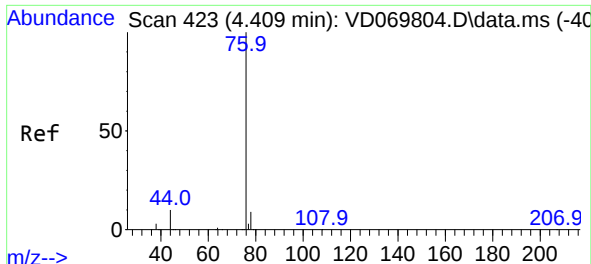
Tgt Ion:168 Resp: 179909
Ion Ratio Lower Upper
168 100
99 57.9 51.1 76.7



#16
Acetone
Concen: 218.732 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069968.D
Acq: 03 Aug 2021 16:10

Tgt Ion: 43 Resp: 81757
Ion Ratio Lower Upper
43 100
58 29.5 29.4 44.0

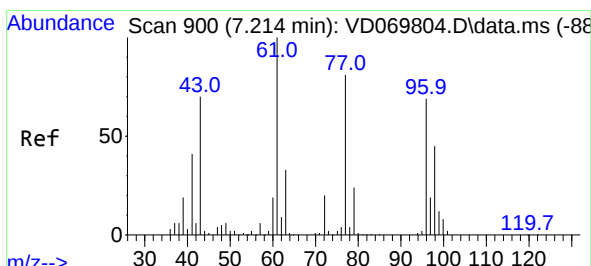
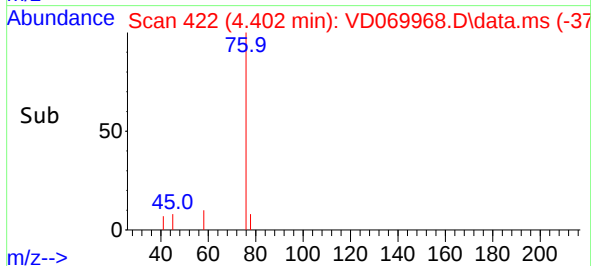
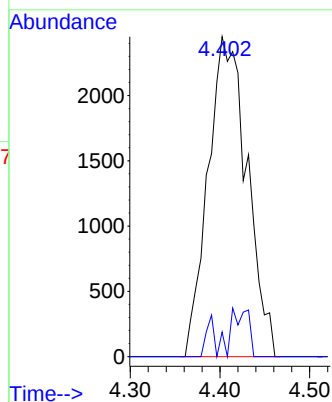
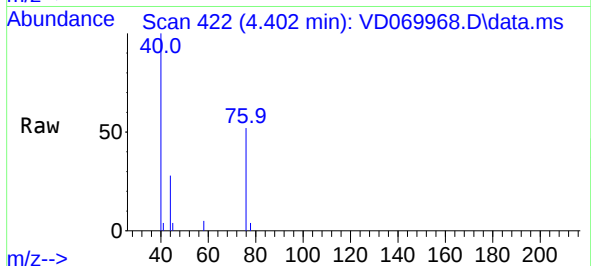




#17
Carbon Disulfide
Concen: 1.005 ug/l
RT: 4.402 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD069968.D
Acq: 03 Aug 2021 16:10

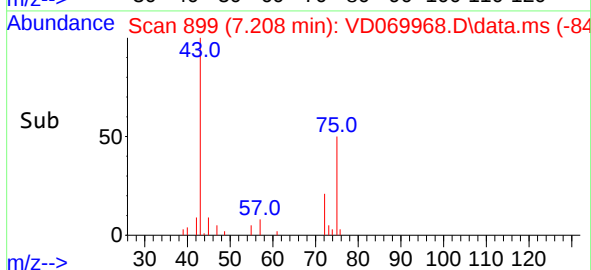
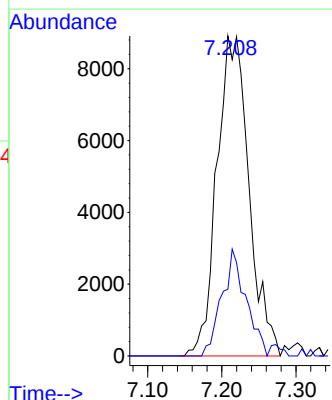
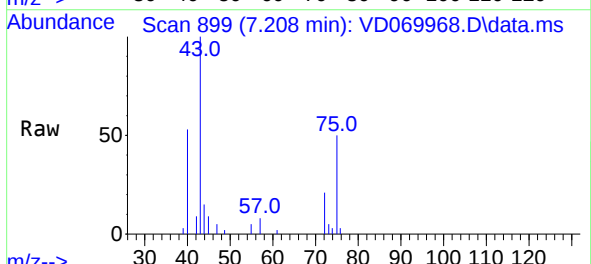
Instrument :
MSVOA_D
ClientSampled :
20210513-99

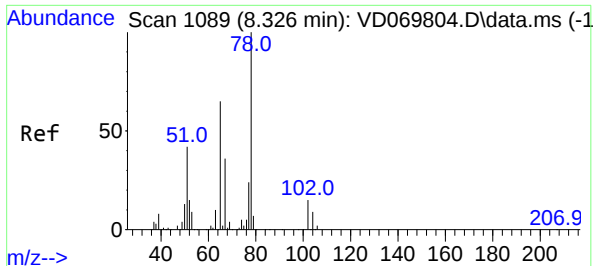
Tgt Ion: 76 Resp: 7395
Ion Ratio Lower Upper
76 100
78 7.7 7.3 10.9



#25
2-Butanone
Concen: 52.887 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069968.D
Acq: 03 Aug 2021 16:10

Tgt Ion: 43 Resp: 26808
Ion Ratio Lower Upper
43 100
72 20.9 22.8 34.2#

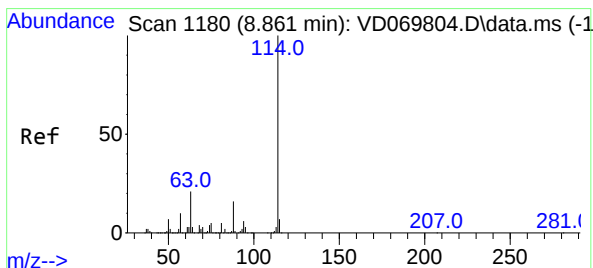
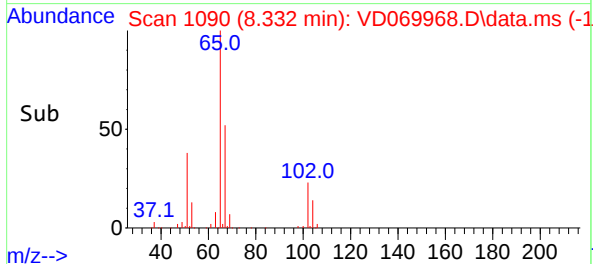
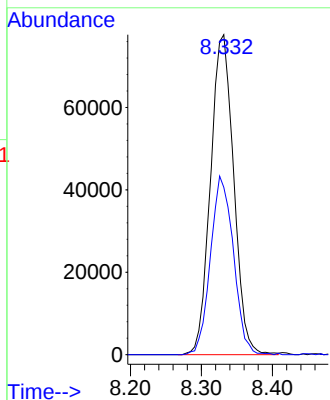
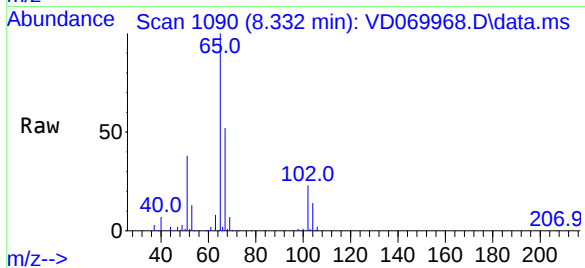




#33
1,2-Dichloroethane-d4
Concen: 85.206 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.005 min
Lab File: VD069968.D
Acq: 03 Aug 2021 16:10

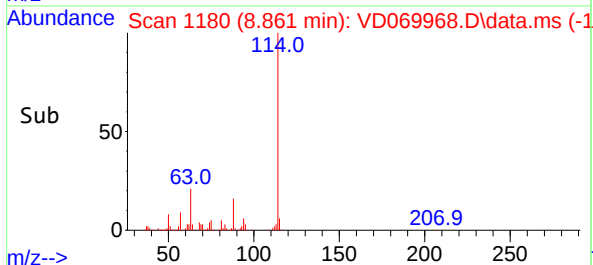
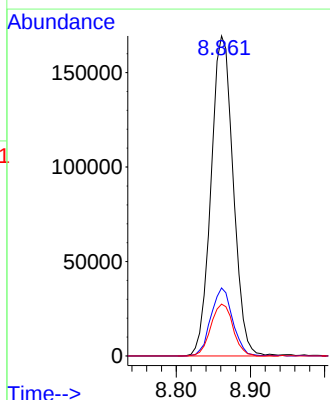
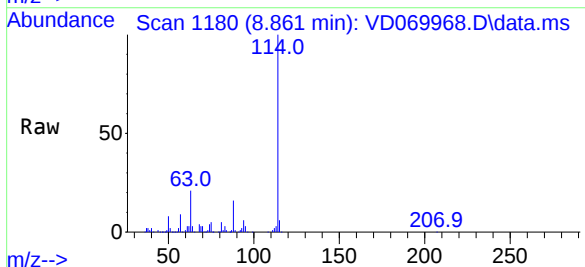
Instrument :
MSVOA_D
ClientSampleId :
20210513-99

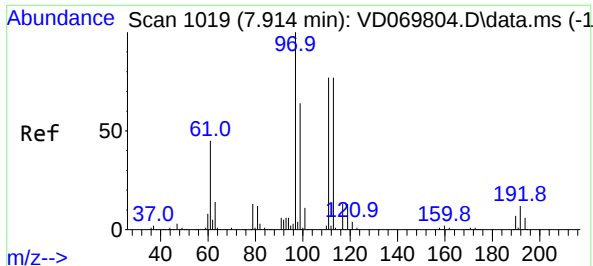
Tgt Ion: 65 Resp: 176302
Ion Ratio Lower Upper
65 100
67 55.2 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD069968.D
Acq: 03 Aug 2021 16:10

Tgt Ion:114 Resp: 351654
Ion Ratio Lower Upper
114 100
63 21.2 0.0 41.6
88 16.2 0.0 31.4



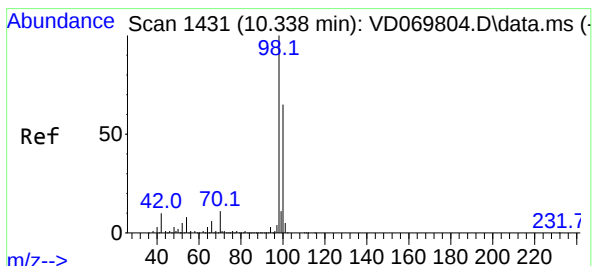
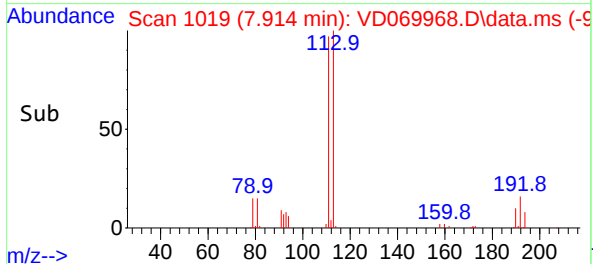
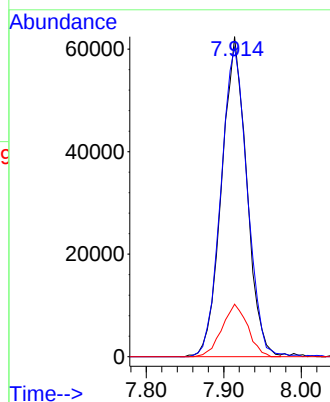
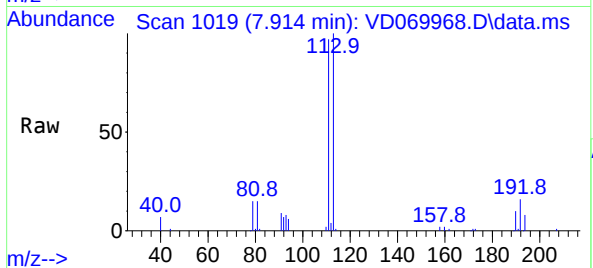


#35

Dibromofluoromethane
Concen: 63.106 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069968.D
Acq: 03 Aug 2021 16:10

Instrument :
MSVOA_D
ClientSampleId :
20210513-99

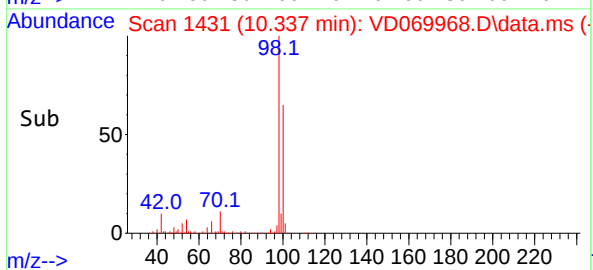
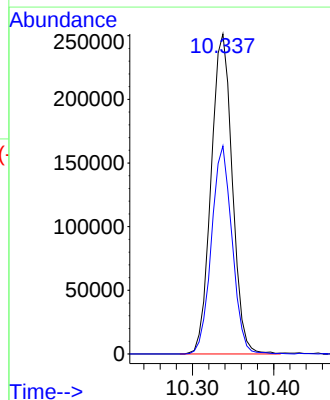
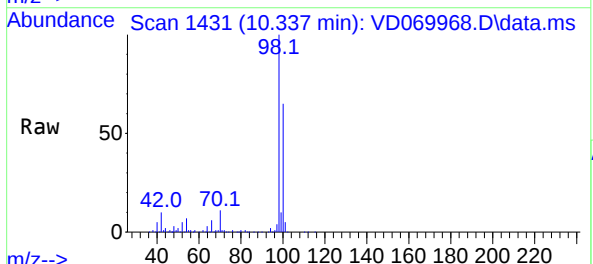
Tgt Ion:113 Resp: 139896
Ion Ratio Lower Upper
113 100
111 102.0 80.5 120.7
192 16.9 12.6 19.0

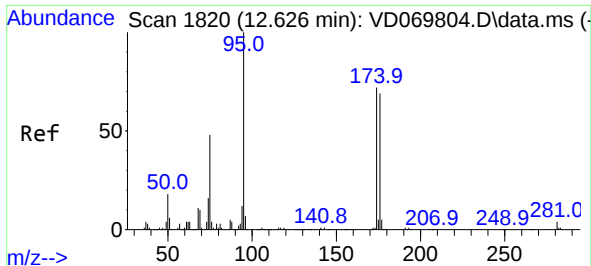


#50

Toluene-d8
Concen: 53.260 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD069968.D
Acq: 03 Aug 2021 16:10

Tgt Ion: 98 Resp: 455260
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9

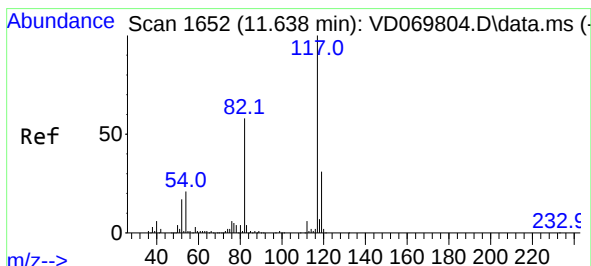
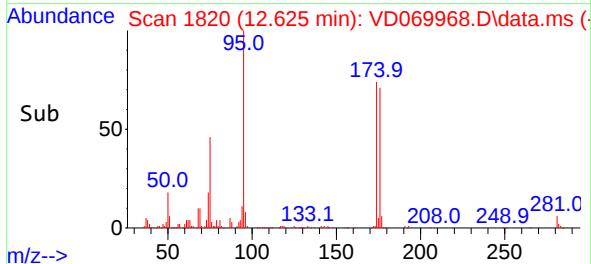
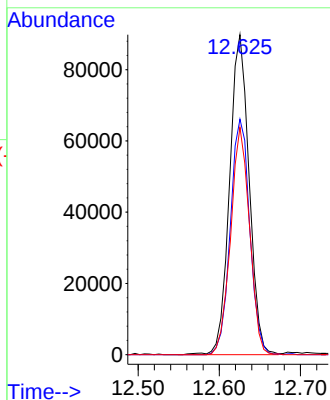
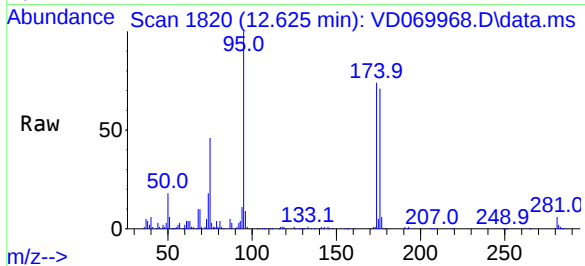




#62
4-Bromofluorobenzene
Concen: 52.378 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069968.D
Acq: 03 Aug 2021 16:10

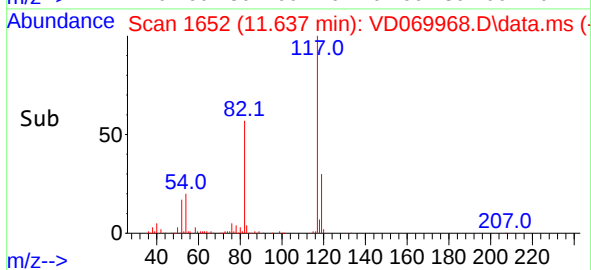
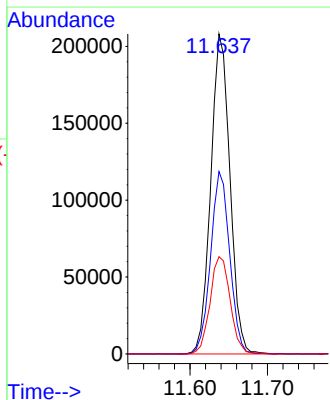
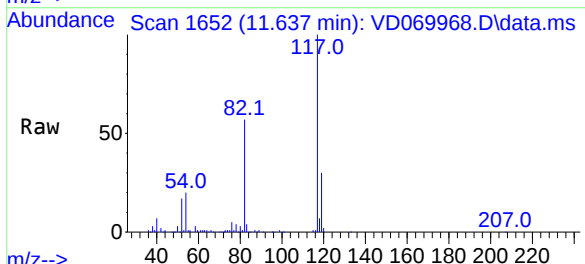
Instrument :
MSVOA_D
ClientSampleId :
20210513-99

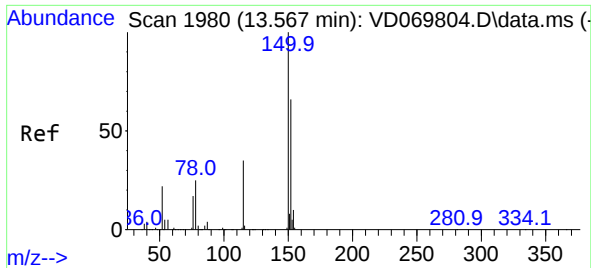
Tgt Ion: 95 Resp: 149631
Ion Ratio Lower Upper
95 100
174 73.2 0.0 142.6
176 68.8 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069968.D
Acq: 03 Aug 2021 16:10

Tgt Ion: 117 Resp: 357589
Ion Ratio Lower Upper
117 100
82 57.0 46.3 69.5
119 30.4 24.7 37.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069968.D
 Acq: 03 Aug 2021 16:10

Instrument :
 MSVOA_D
 ClientSampleId :
 20210513-99

Tgt Ion:	152	Resp:	142889
Ion	Ratio	Lower	Upper
152	100		
115	61.3	31.1	93.3
150	160.3	0.0	343.0

