

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080421\
 Data File : VD069986.D
 Acq On : 04 Aug 2021 15:15
 Operator : VA/SY
 Sample : M3279-12
 Misc : 5.58G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210444-30

Quant Time: Aug 05 03:11:18 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)

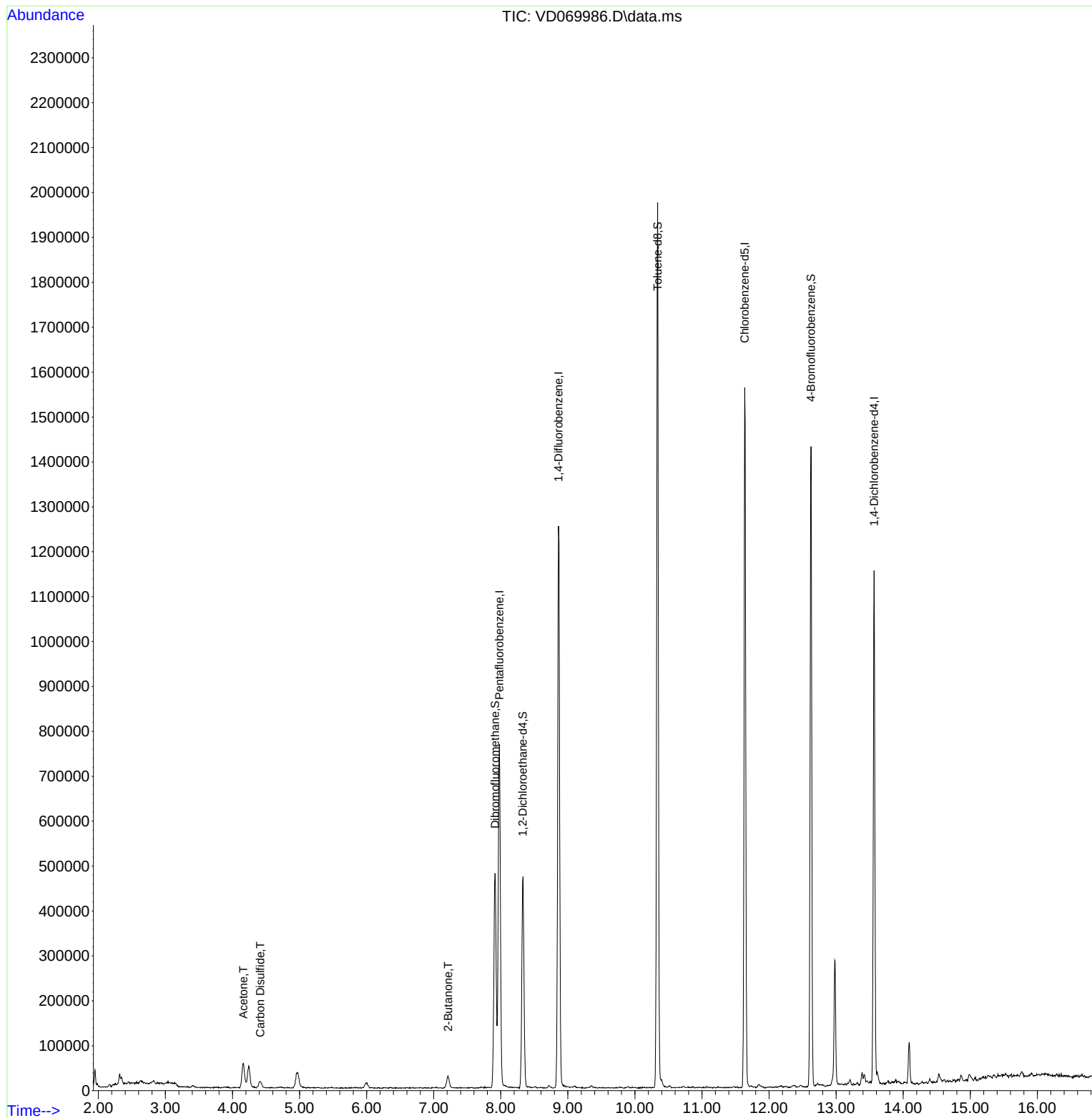
Internal Standards						
1) Pentafluorobenzene	7.979	168	545433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1073421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	912168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	301386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	365949	58.337	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.680%	
35) Dibromofluoromethane	7.914	113	364425	53.855	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.700%	
50) Toluene-d8	10.338	98	1329983	50.972	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.940%	
62) 4-Bromofluorobenzene	12.626	95	365454	41.909	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.820%	
Target Compounds						
					Qvalue	
16) Acetone	4.161	43	95850	84.584	ug/l	92
17) Carbon Disulfide	4.414	76	30348	1.360	ug/l #	93
25) 2-Butanone	7.214	43	32692	21.274	ug/l #	85

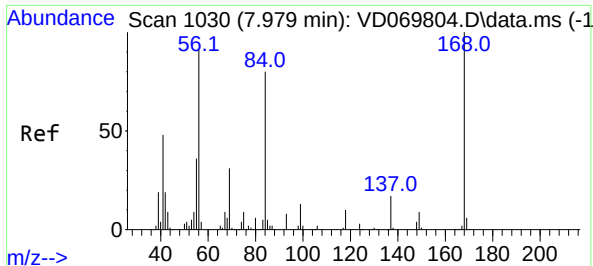
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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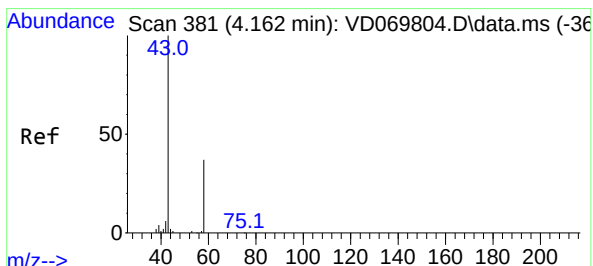
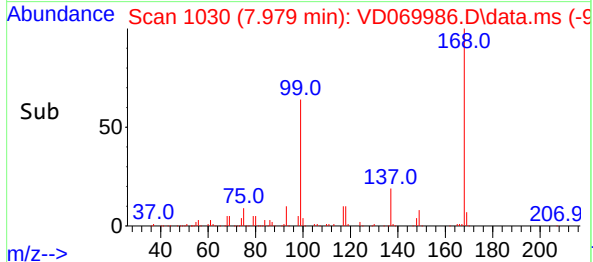
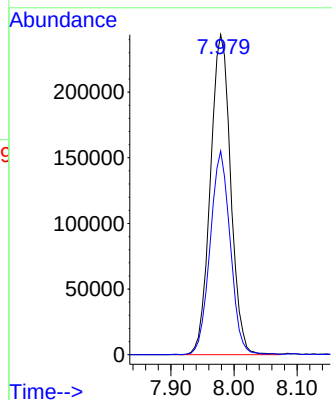
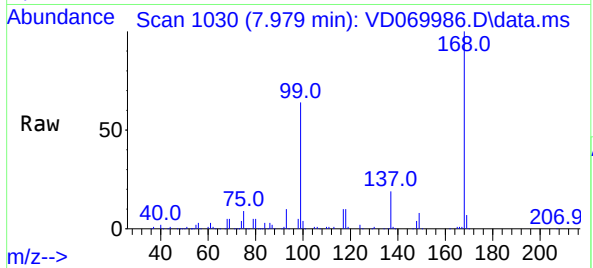




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069986.D
Acq: 04 Aug 2021 15:15

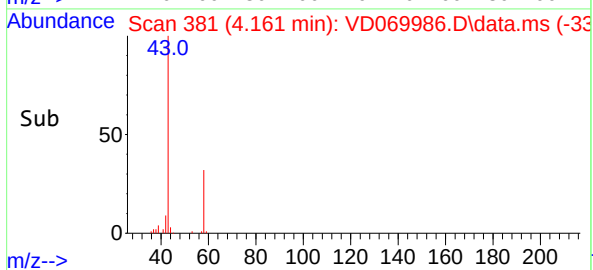
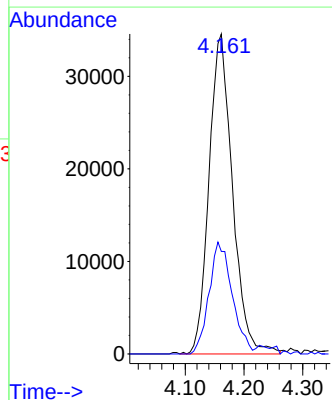
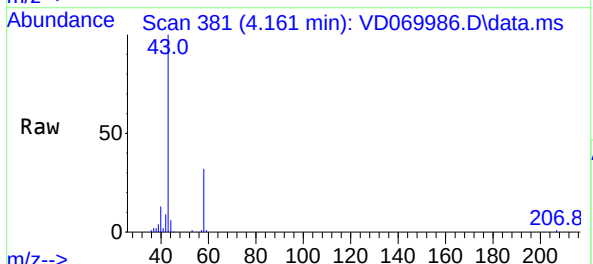
Instrument :
MSVOA_D
ClientSampleId :
20210444-30

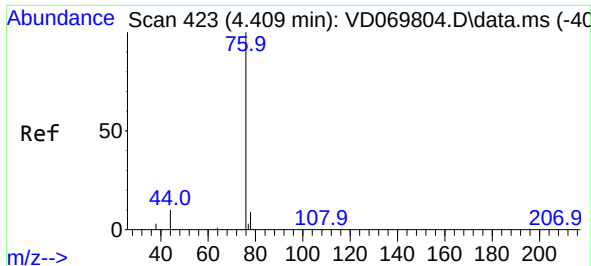
Tgt Ion:168 Resp: 545433
Ion Ratio Lower Upper
168 100
99 63.6 51.1 76.7



#16
Acetone
Concen: 84.584 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069986.D
Acq: 04 Aug 2021 15:15

Tgt Ion: 43 Resp: 95850
Ion Ratio Lower Upper
43 100
58 32.0 29.4 44.0

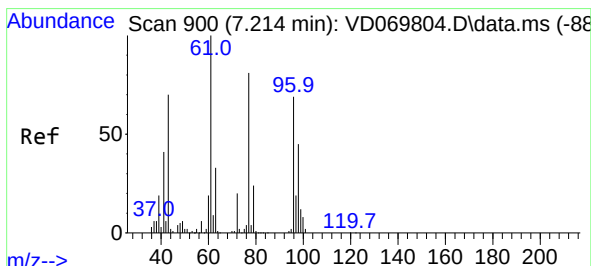
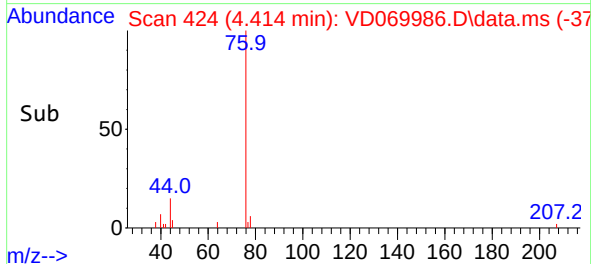
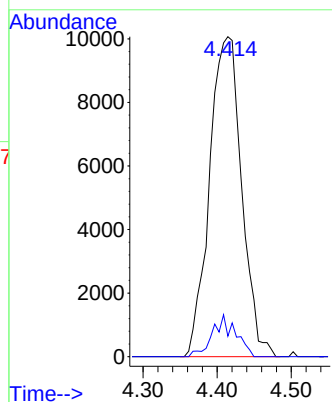
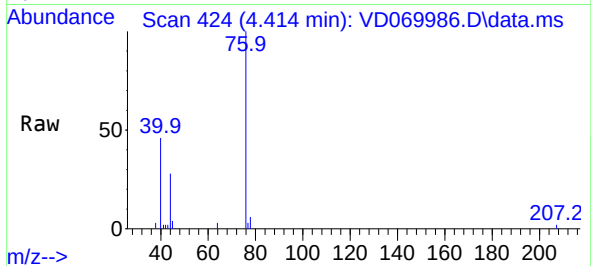




#17
Carbon Disulfide
Concen: 1.360 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD069986.D
Acq: 04 Aug 2021 15:15

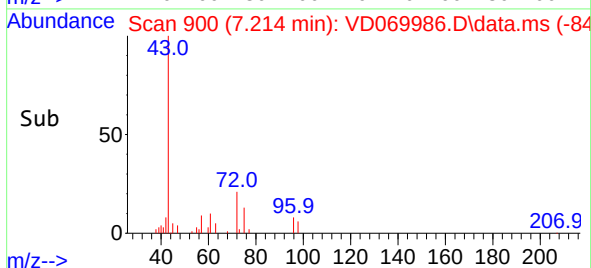
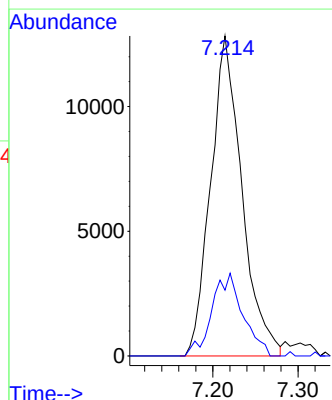
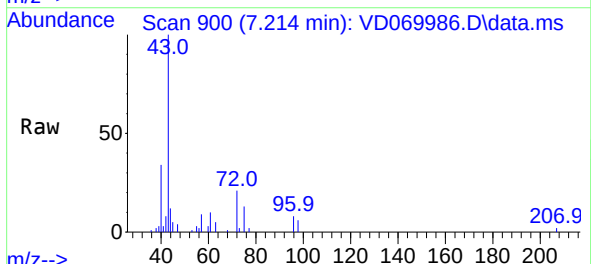
Instrument :
MSVOA_D
ClientSampleId :
20210444-30

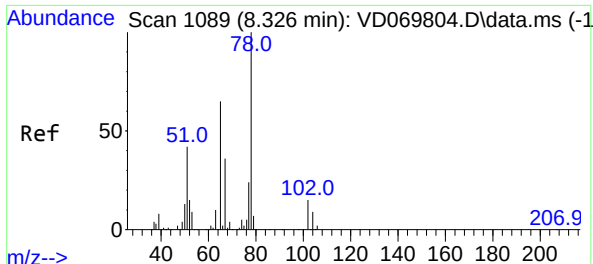
Tgt Ion: 76 Resp: 30348
Ion Ratio Lower Upper
76 100
78 6.4 7.3 10.9#



#25
2-Butanone
Concen: 21.274 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD069986.D
Acq: 04 Aug 2021 15:15

Tgt Ion: 43 Resp: 32692
Ion Ratio Lower Upper
43 100
72 20.6 22.8 34.2#

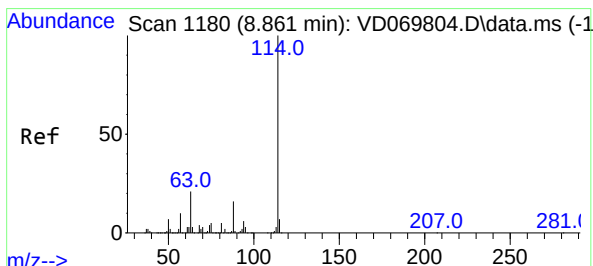
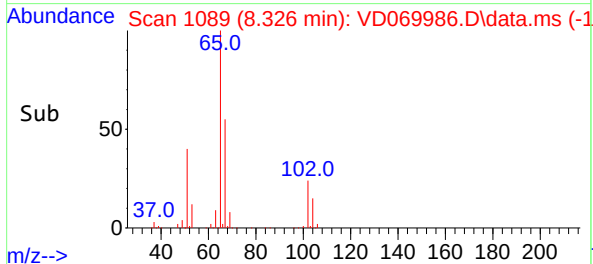
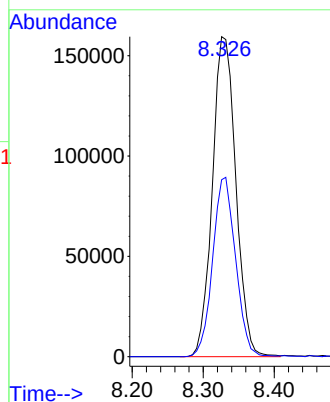
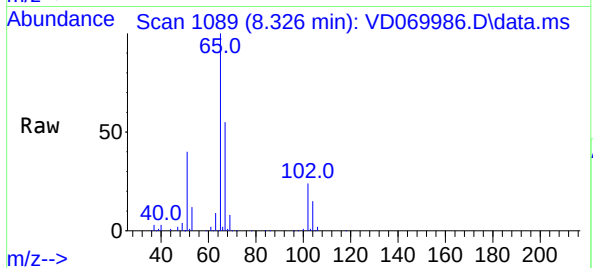




#33
1,2-Dichloroethane-d4
Concen: 58.337 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069986.D
Acq: 04 Aug 2021 15:15

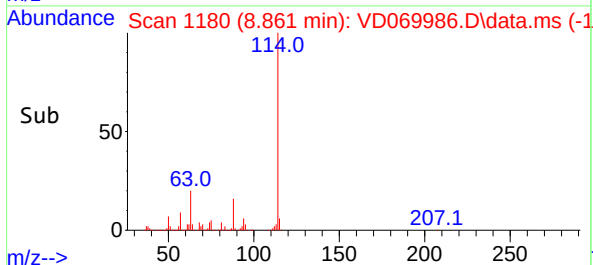
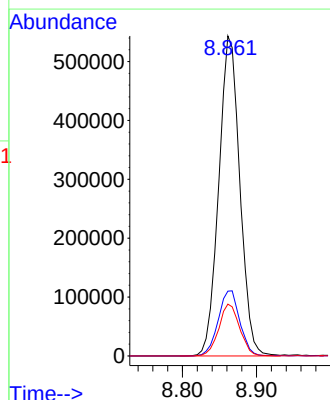
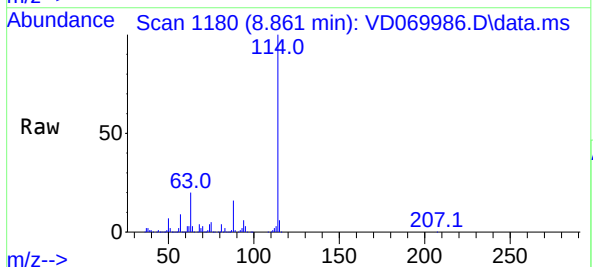
Instrument :
MSVOA_D
ClientSampleId :
20210444-30

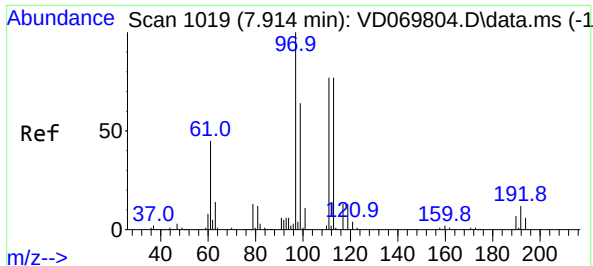
Tgt Ion: 65 Resp: 365949
Ion Ratio Lower Upper
65 100
67 54.6 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069986.D
Acq: 04 Aug 2021 15:15

Tgt Ion:114 Resp: 1073421
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.6
88 16.2 0.0 31.4



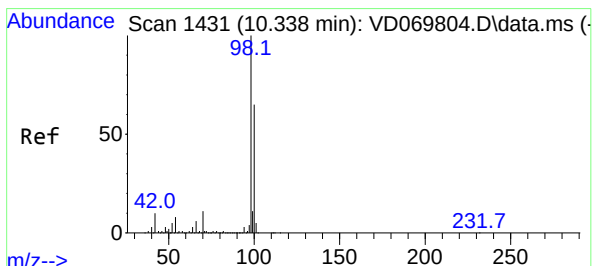
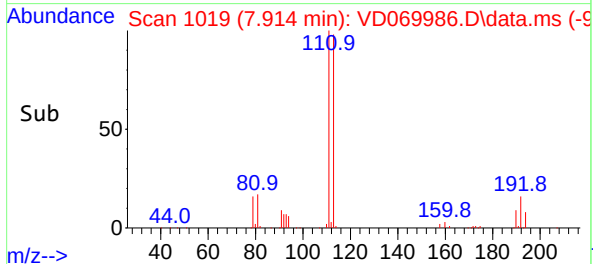
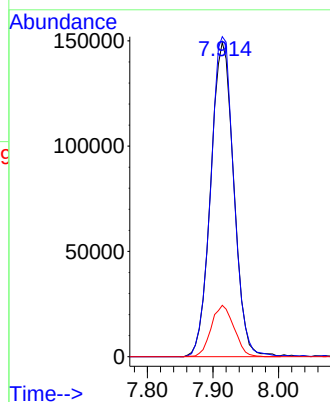
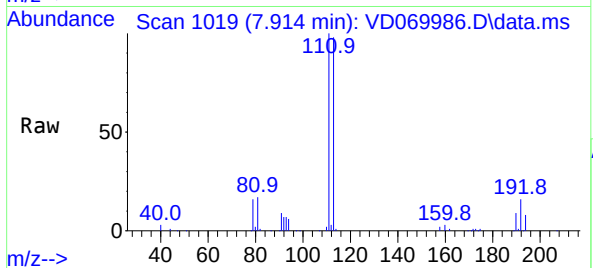


#35

Dibromofluoromethane
Concen: 53.855 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069986.D
Acq: 04 Aug 2021 15:15

Instrument :
MSVOA_D
ClientSampleId :
20210444-30

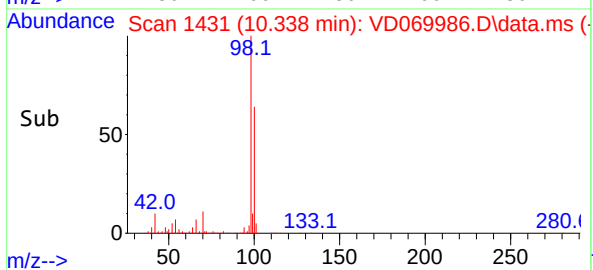
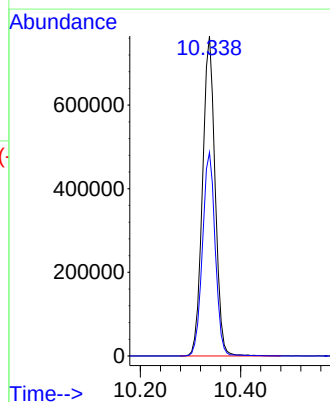
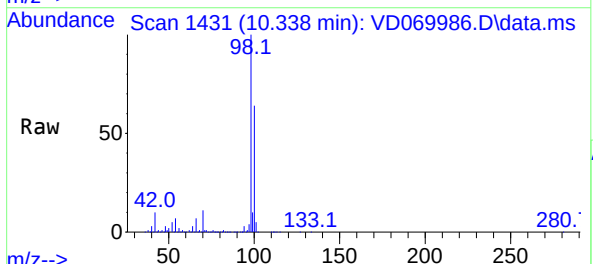
Tgt Ion:113 Resp: 364425
Ion Ratio Lower Upper
113 100
111 101.6 80.5 120.7
192 16.2 12.6 19.0

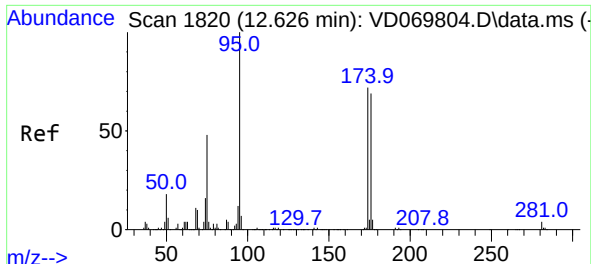


#50

Toluene-d8
Concen: 50.972 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069986.D
Acq: 04 Aug 2021 15:15

Tgt Ion: 98 Resp: 1329983
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

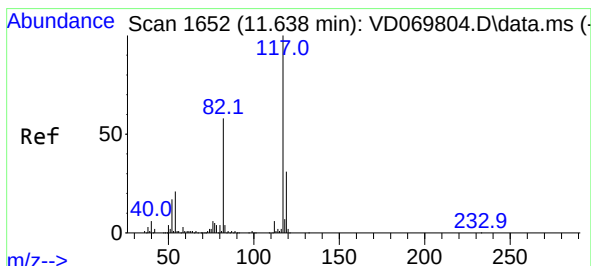
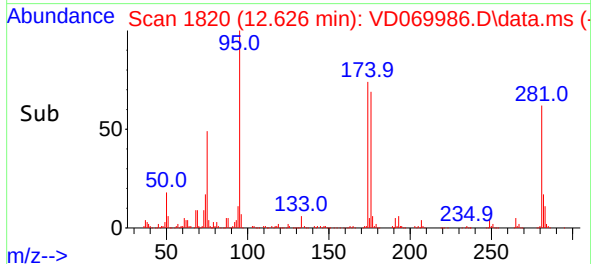
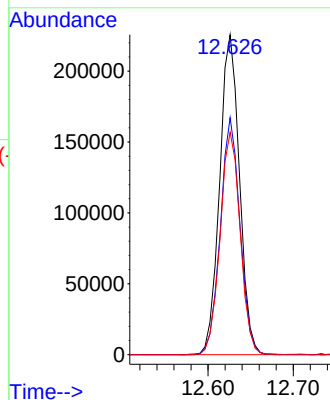
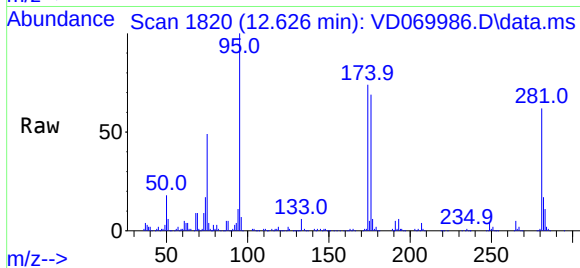




#62
4-Bromofluorobenzene
Concen: 41.909 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069986.D
Acq: 04 Aug 2021 15:15

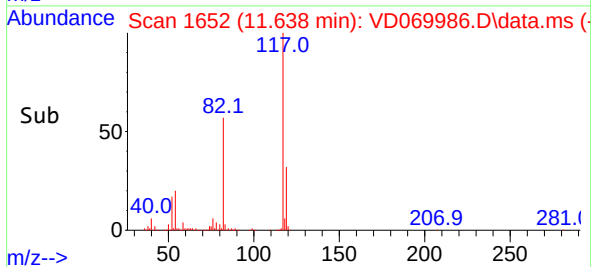
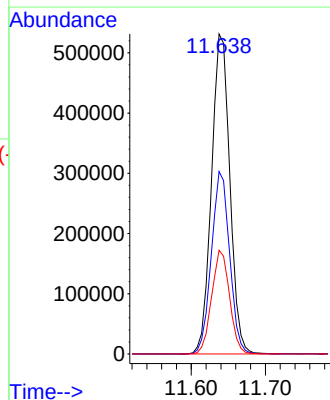
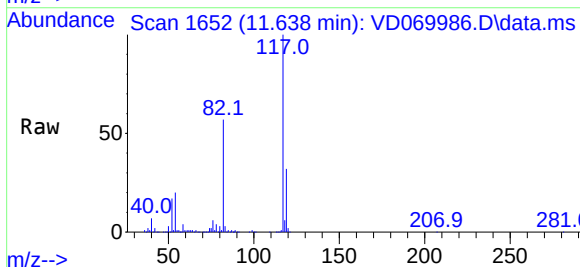
Instrument :
MSVOA_D
ClientSampleId :
20210444-30

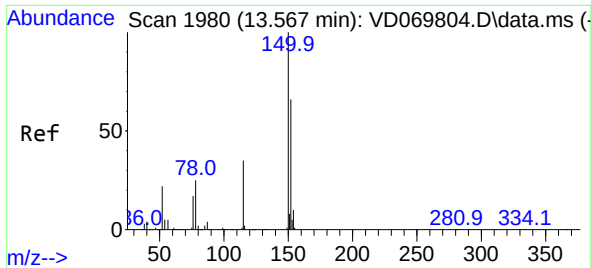
Tgt Ion: 95 Resp: 365454
Ion Ratio Lower Upper
95 100
174 73.3 0.0 142.6
176 70.0 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069986.D
Acq: 04 Aug 2021 15:15

Tgt Ion: 117 Resp: 912168
Ion Ratio Lower Upper
117 100
82 57.0 46.3 69.5
119 32.4 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: VD069986.D
 Acq: 04 Aug 2021 15:15

Instrument :
 MSVOA_D
 ClientSampleId :
 20210444-30

Tgt Ion:152 Resp: 301386

Ion	Ratio	Lower	Upper
152	100		
115	61.8	31.1	93.3
150	155.1	0.0	343.0

