

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060221\
 Data File : VD069311.D
 Acq On : 02 Jun 2021 19:47
 Operator : VA/SY
 Sample : M2580-11
 Misc : 8.78G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 18-B4(2-4)

Quant Time: Jun 03 01:11:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

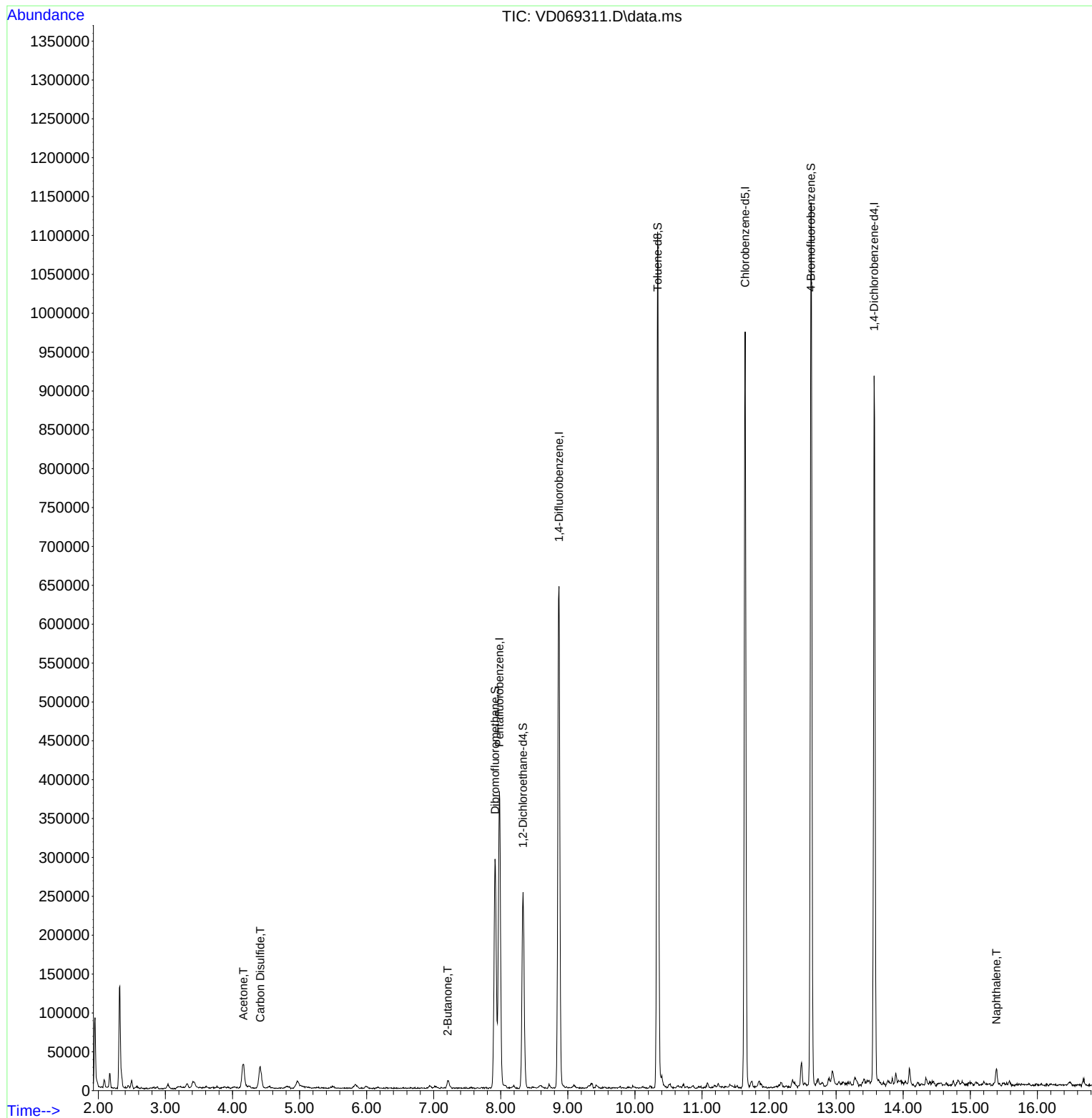
Internal Standards						
1) Pentafluorobenzene	7.979	168	283437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	594859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	588625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	251890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	200595	73.758	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 147.520%			
35) Dibromofluoromethane	7.914	113	210012	56.219	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.440%			
50) Toluene-d8	10.337	98	769895	56.677	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.360%			
62) 4-Bromofluorobenzene	12.625	95	255916	57.495	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 115.000%			
Target Compounds					Qvalue	
16) Acetone	4.161	43	54661	115.173	ug/l	100
17) Carbon Disulfide	4.414	76	59748	6.356	ug/l	98
25) 2-Butanone	7.208	43	14896	23.852	ug/l	99
95) Naphthalene	15.390	128	18149	5.274	ug/l	98

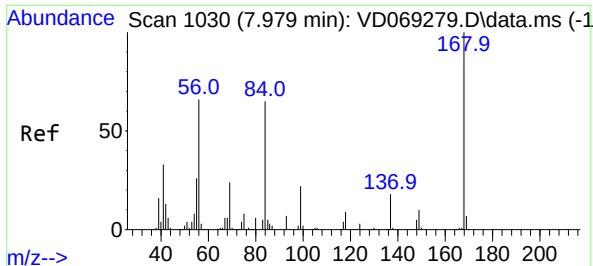
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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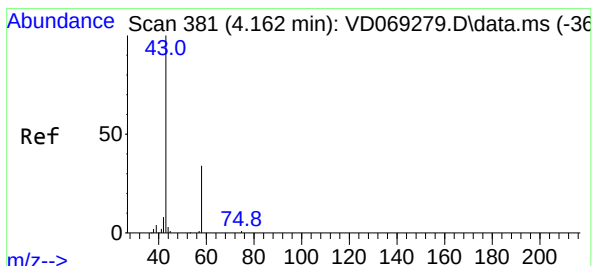
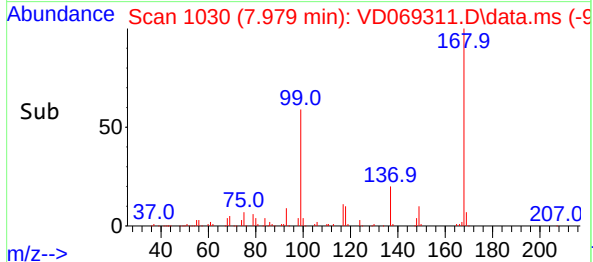
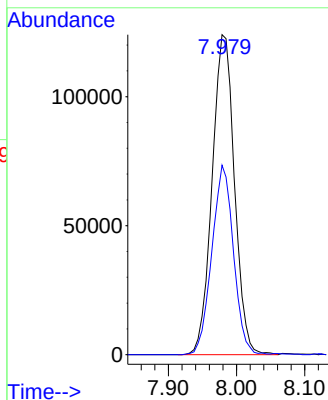
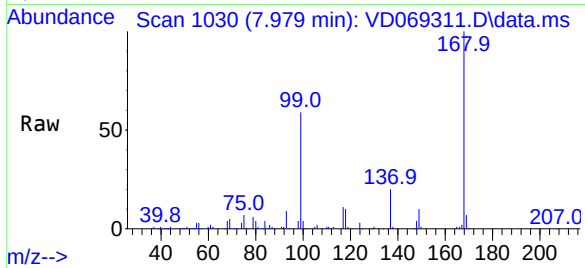




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069311.D
Acq: 02 Jun 2021 19:47

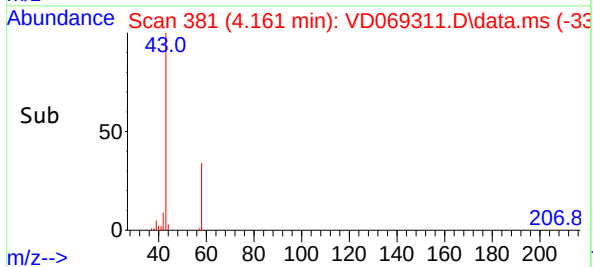
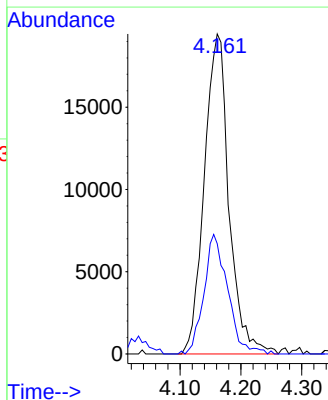
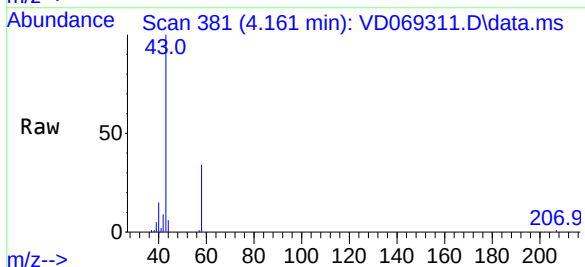
Instrument :
MSVOA_D
ClientSampleId :
18-B4(2-4)

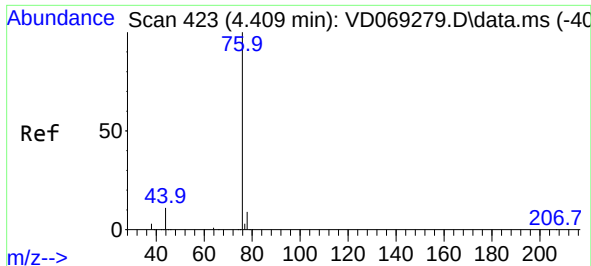
Tgt Ion:168 Resp: 283437
Ion Ratio Lower Upper
168 100
99 59.2 46.2 69.2



#16
Acetone
Concen: 115.173 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069311.D
Acq: 02 Jun 2021 19:47

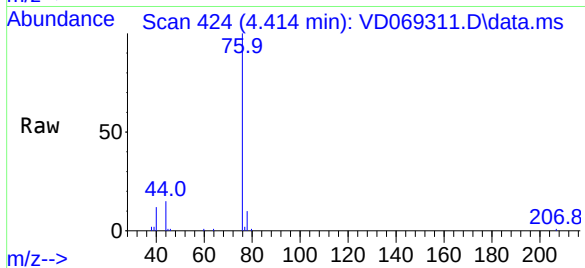
Tgt Ion: 43 Resp: 54661
Ion Ratio Lower Upper
43 100
58 34.4 27.5 41.3



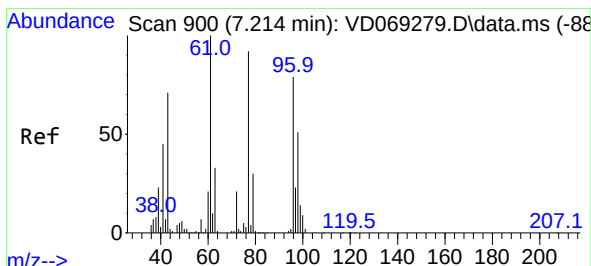
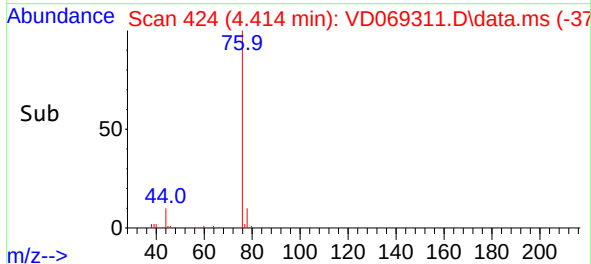
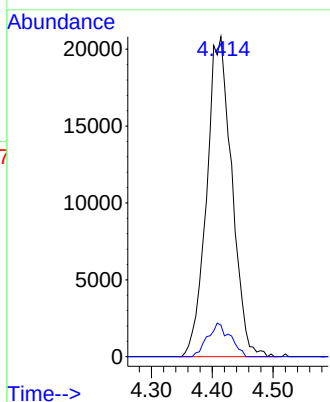


#17
Carbon Disulfide
Concen: 6.356 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.005 min
Lab File: VD069311.D
Acq: 02 Jun 2021 19:47

Instrument :
MSVOA_D
ClientSampleId :
18-B4(2-4)

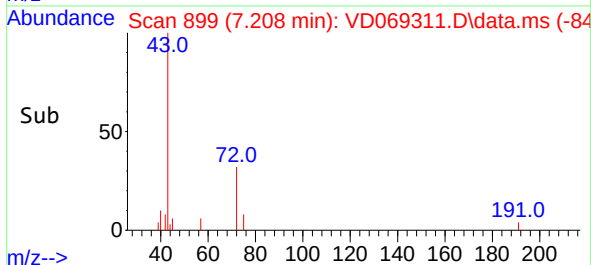
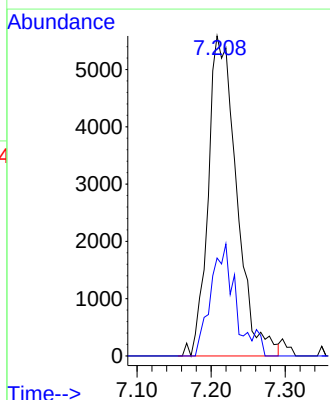
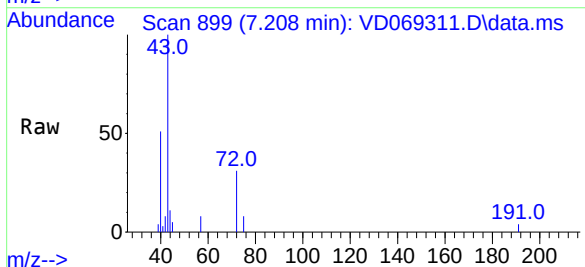


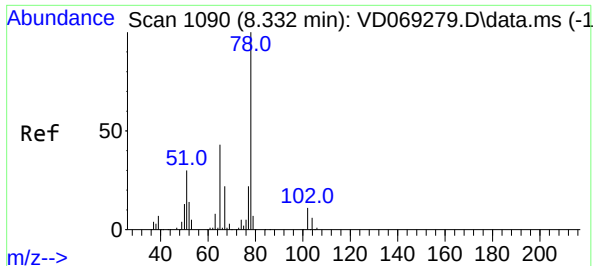
Tgt Ion: 76 Resp: 59748
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



#25
2-Butanone
Concen: 23.852 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069311.D
Acq: 02 Jun 2021 19:47

Tgt Ion: 43 Resp: 14896
Ion Ratio Lower Upper
43 100
72 30.6 23.9 35.9



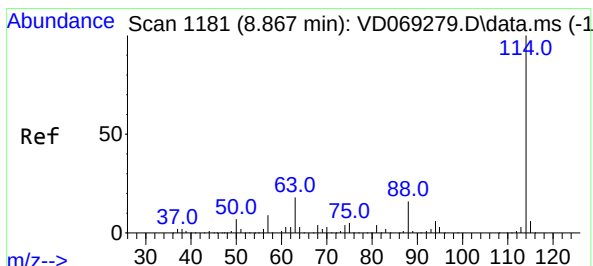
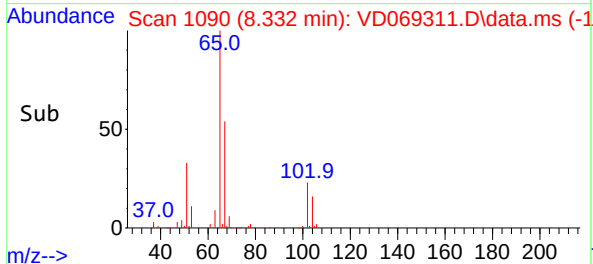
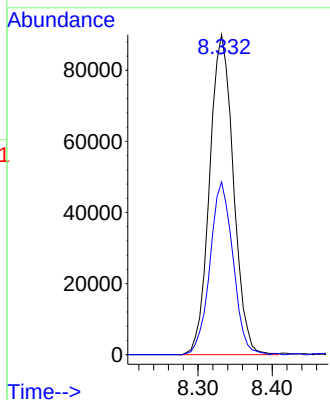
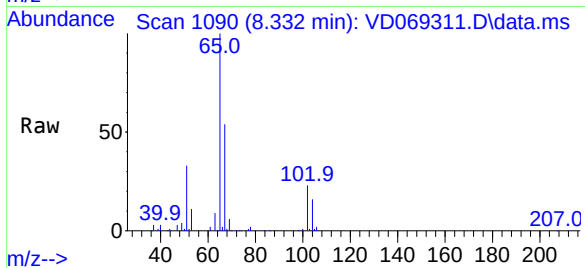


#33

1,2-Dichloroethane-d4
Concen: 73.758 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069311.D
Acq: 02 Jun 2021 19:47

Instrument :
MSVOA_D
ClientSampleId :
18-B4(2-4)

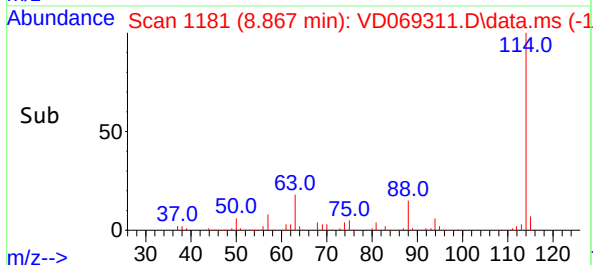
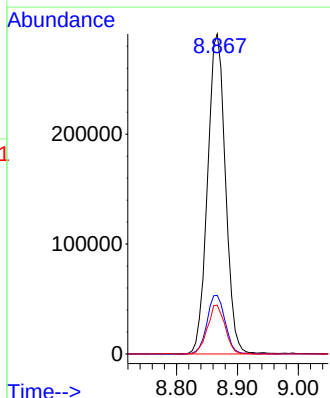
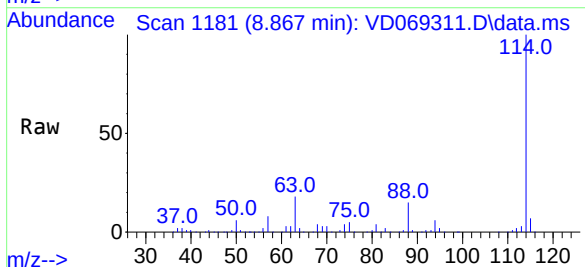
Tgt Ion: 65 Resp: 200595
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.8

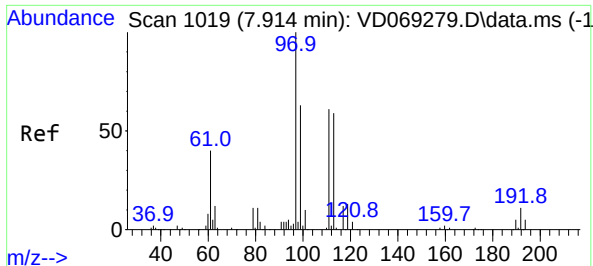


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD069311.D
Acq: 02 Jun 2021 19:47

Tgt Ion: 114 Resp: 594859
Ion Ratio Lower Upper
114 100
63 18.3 0.0 35.6
88 15.2 0.0 31.2



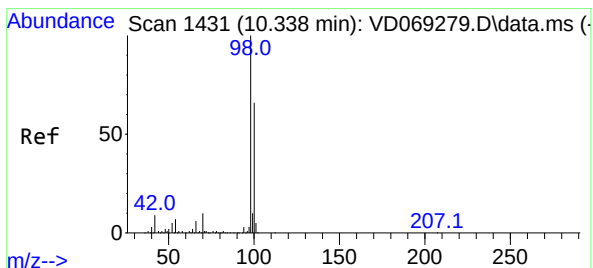
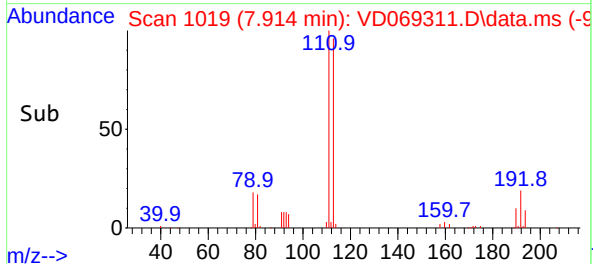
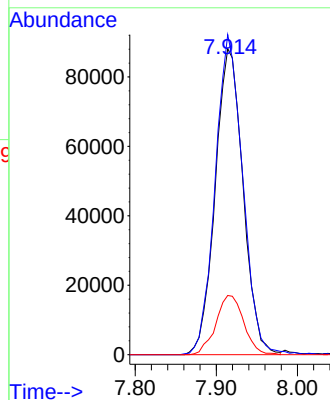
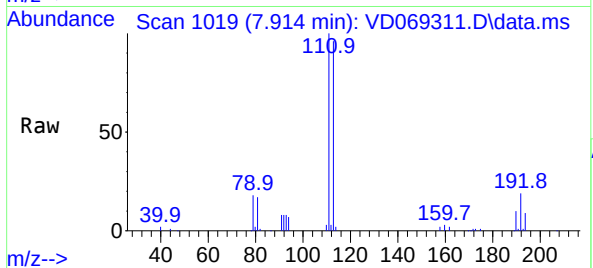


#35

Dibromofluoromethane
Concen: 56.219 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069311.D
Acq: 02 Jun 2021 19:47

Instrument :
MSVOA_D
ClientSampleId :
18-B4(2-4)

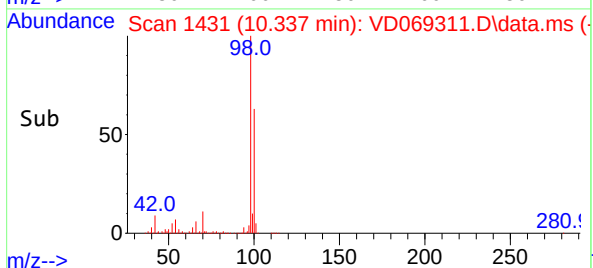
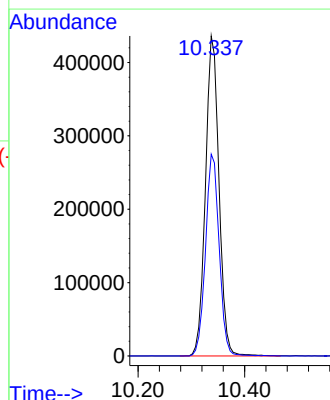
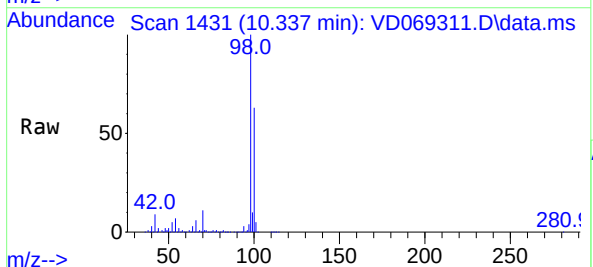
Tgt Ion:113 Resp: 210012
Ion Ratio Lower Upper
113 100
111 103.4 83.0 124.6
192 19.4 15.1 22.7

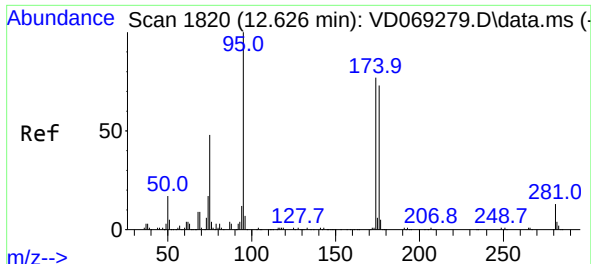


#50

Toluene-d8
Concen: 56.677 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069311.D
Acq: 02 Jun 2021 19:47

Tgt Ion: 98 Resp: 769895
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1

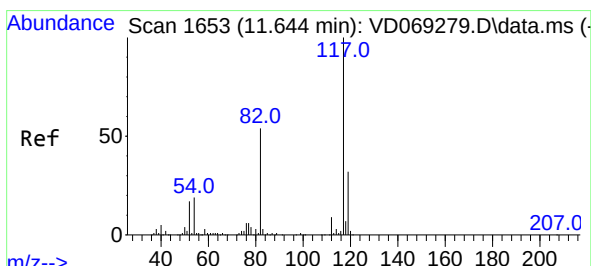
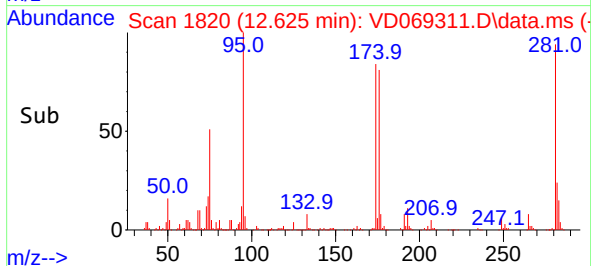
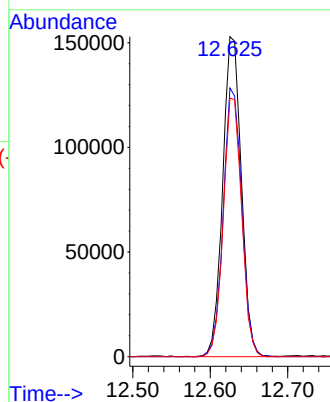
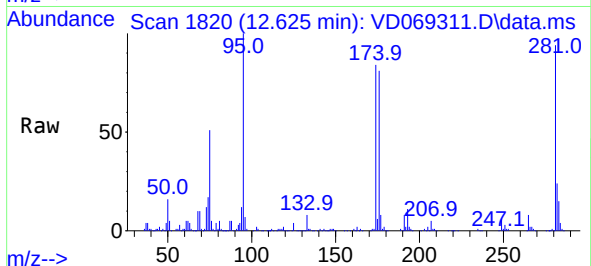




#62
4-Bromofluorobenzene
Concen: 57.495 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069311.D
Acq: 02 Jun 2021 19:47

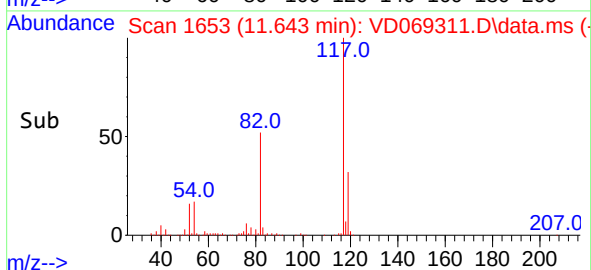
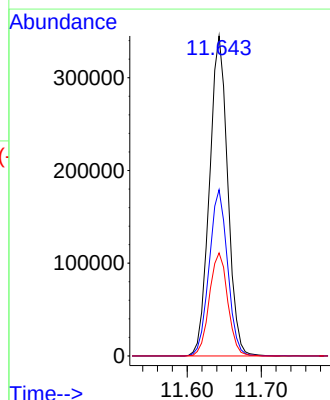
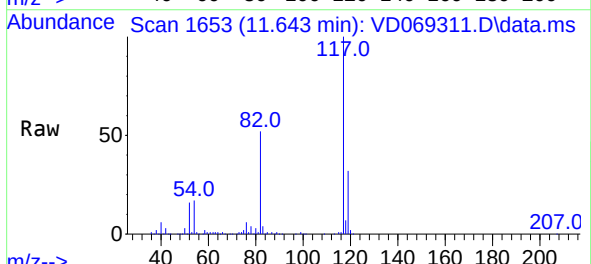
Instrument :
MSVOA_D
ClientSampleId :
18-B4(2-4)

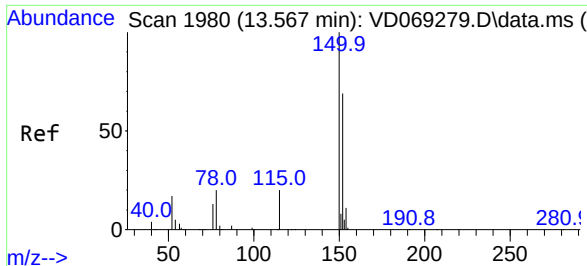
Tgt Ion: 95 Resp: 255916
Ion Ratio Lower Upper
95 100
174 83.7 0.0 162.8
176 79.7 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069311.D
Acq: 02 Jun 2021 19:47

Tgt Ion: 117 Resp: 588625
Ion Ratio Lower Upper
117 100
82 52.0 43.3 64.9
119 32.2 25.3 37.9

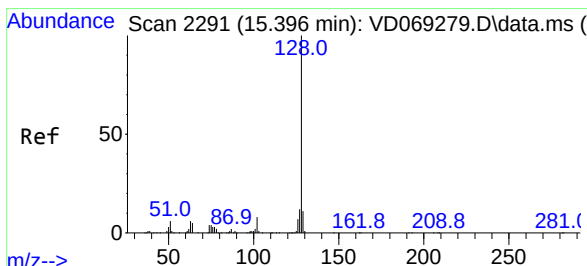
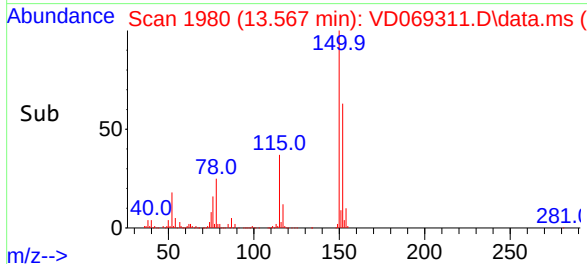
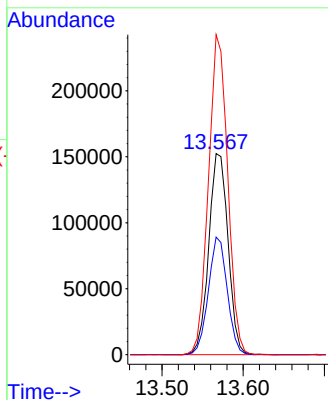
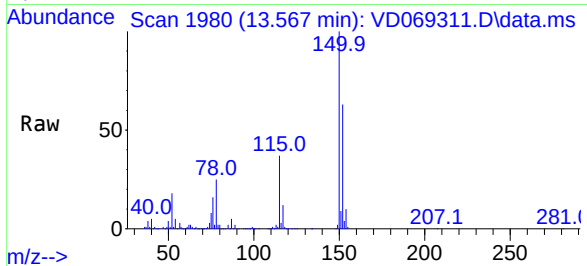




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069311.D
Acq: 02 Jun 2021 19:47

Instrument :
MSVOA_D
ClientSampleId :
18-B4(2-4)

Tgt Ion:152 Resp: 251890
Ion Ratio Lower Upper
152 100
115 57.1 29.4 88.3
150 158.4 0.0 355.0



#95
Naphthalene
Concen: 5.274 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069311.D
Acq: 02 Jun 2021 19:47

Tgt Ion:128 Resp: 18149
Ion Ratio Lower Upper
128 100
127 14.2 10.4 15.6
129 10.7 8.8 13.2

