

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060721\
 Data File : VD069367.D
 Acq On : 07 Jun 2021 14:49
 Operator : VA/SY
 Sample : M2616-01
 Misc : 6.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BSS-SOIL-PILE

Quant Time: Jun 08 04:22:45 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)

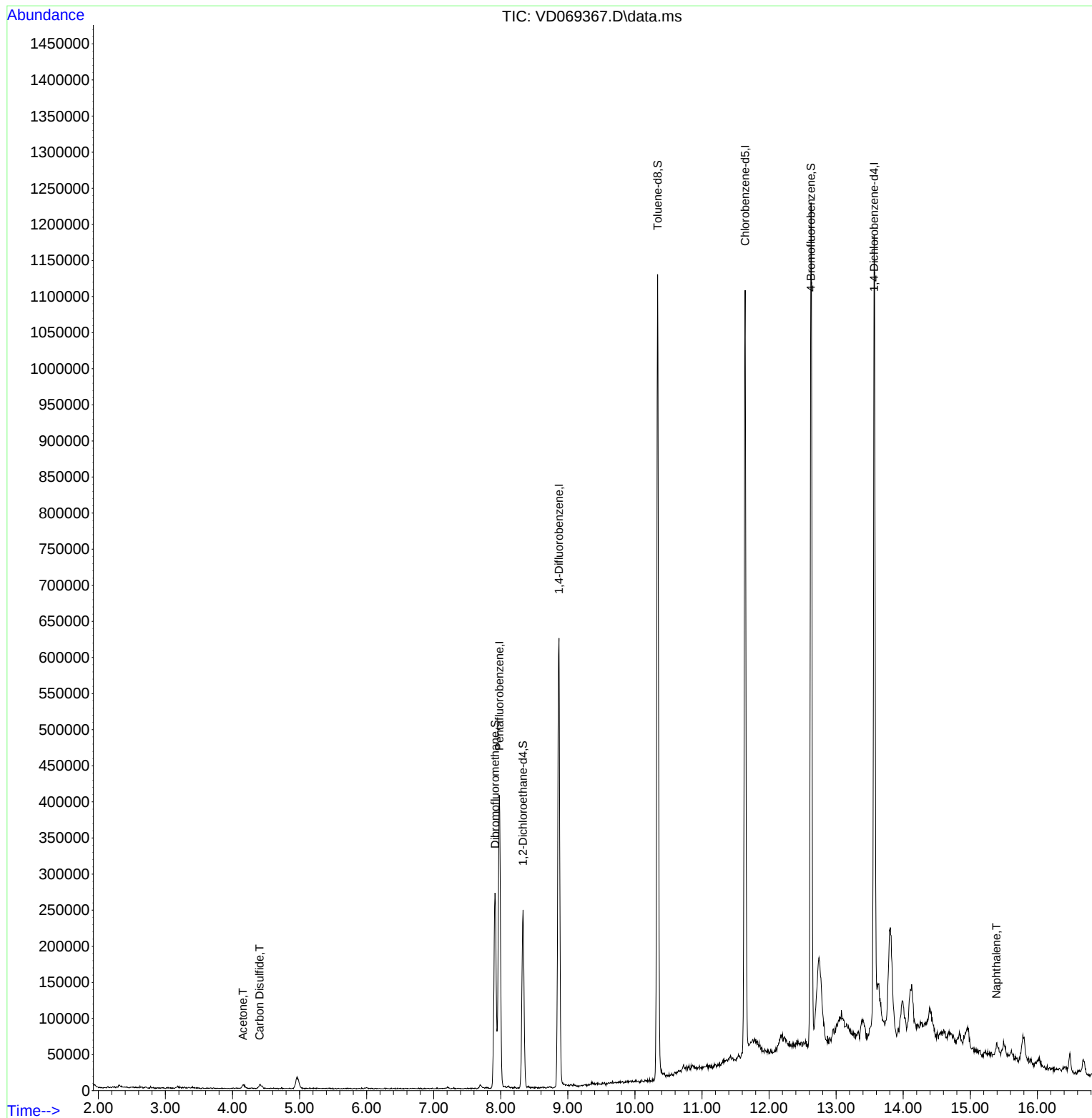
Internal Standards						
1) Pentafluorobenzene	7.979	168	311010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	567098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	643215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	303443	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	194462	65.164	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.320%			
35) Dibromofluoromethane	7.914	113	198401	55.711	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.420%			
50) Toluene-d8	10.338	98	765778	59.134	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 118.260%			
62) 4-Bromofluorobenzene	12.626	95	296247	69.814	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 139.620%			
Target Compounds					Qvalue	
16) Acetone	4.156	43	9466	18.177	ug/l	89
17) Carbon Disulfide	4.403	76	10469	1.015	ug/l #	89
95) Naphthalene	15.390	128	10714	4.268	ug/l #	84

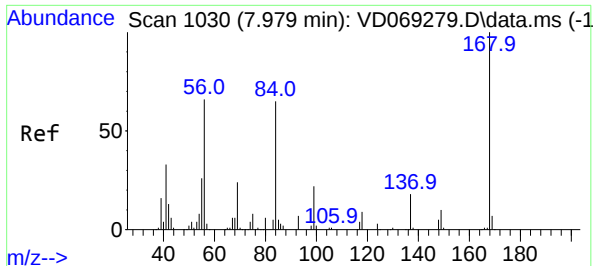
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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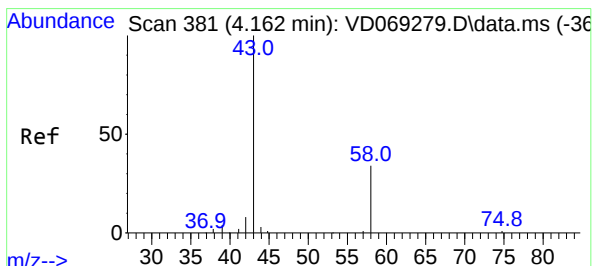
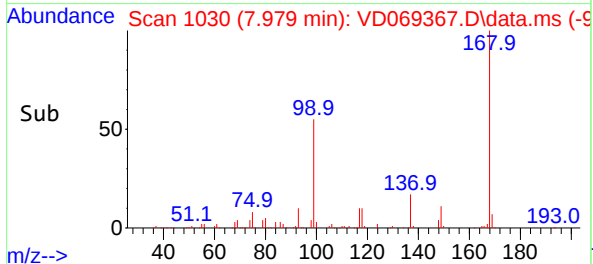
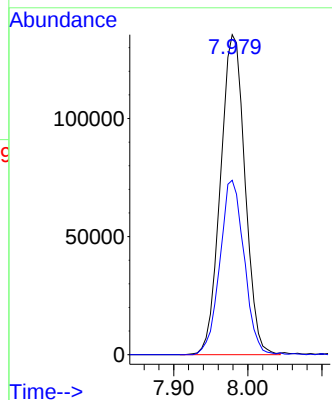
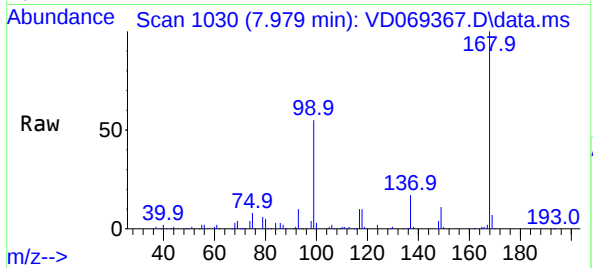




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069367.D
Acq: 07 Jun 2021 14:49

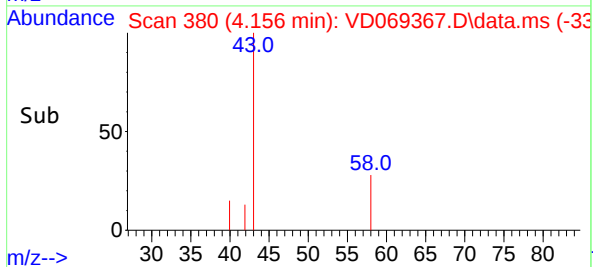
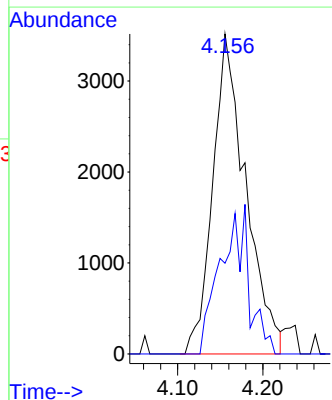
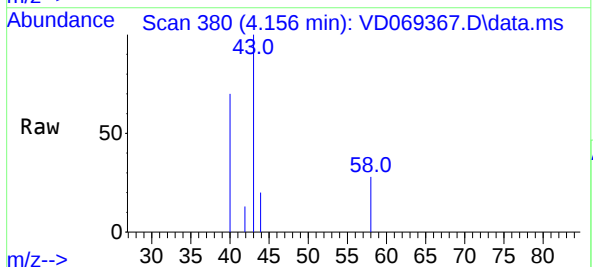
Instrument :
MSVOA_D
ClientSampleId :
BSS-SOIL-PILE

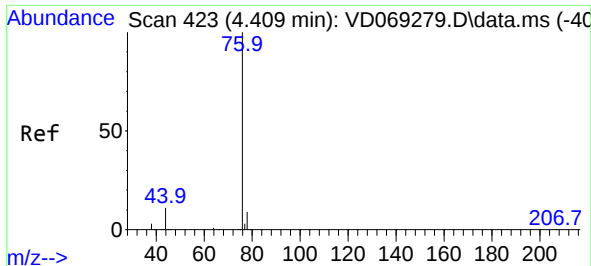
Tgt Ion:168 Resp: 311010
Ion Ratio Lower Upper
168 100
99 54.5 46.2 69.2



#16
Acetone
Concen: 18.177 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069367.D
Acq: 07 Jun 2021 14:49

Tgt Ion: 43 Resp: 9466
Ion Ratio Lower Upper
43 100
58 28.3 27.5 41.3

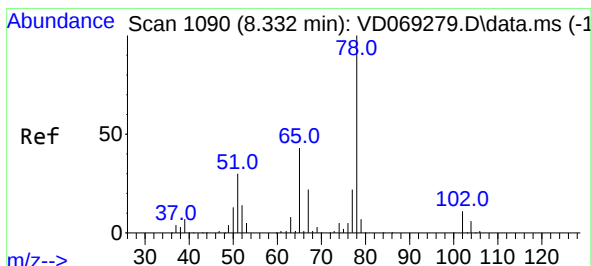
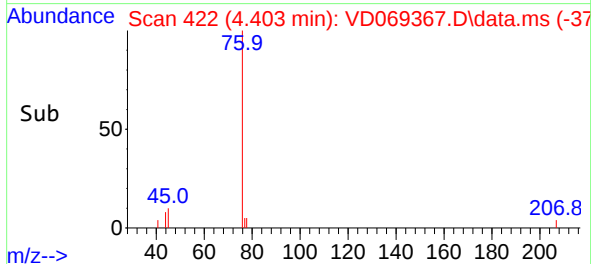
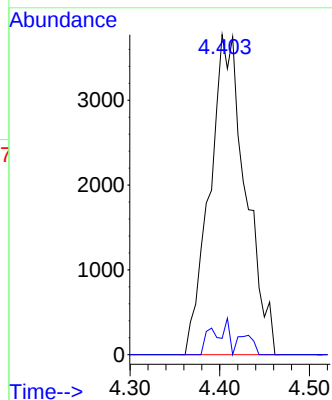
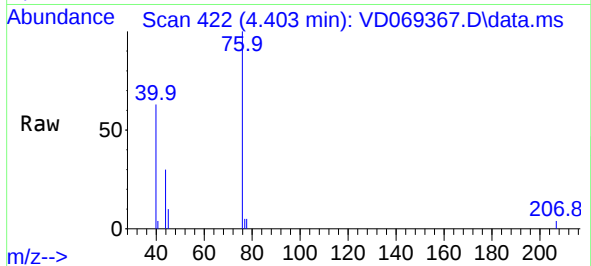




#17
Carbon Disulfide
Concen: 1.015 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD069367.D
Acq: 07 Jun 2021 14:49

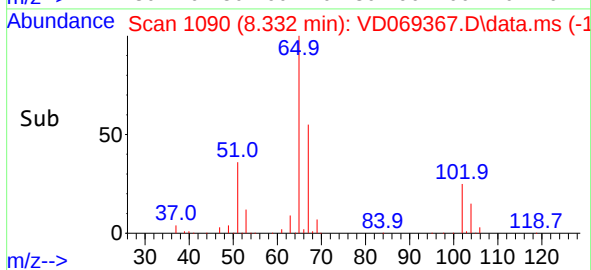
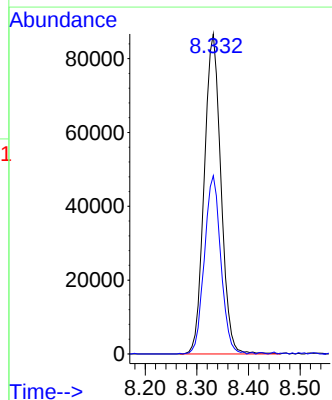
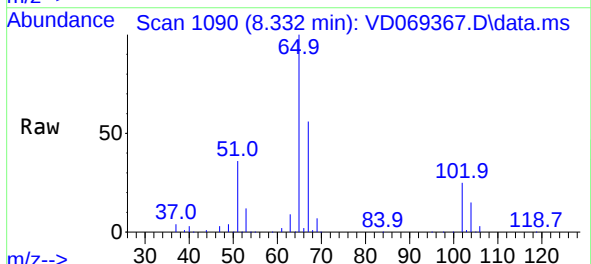
Instrument :
MSVOA_D
ClientSampleId :
BSS-SOIL-PILE

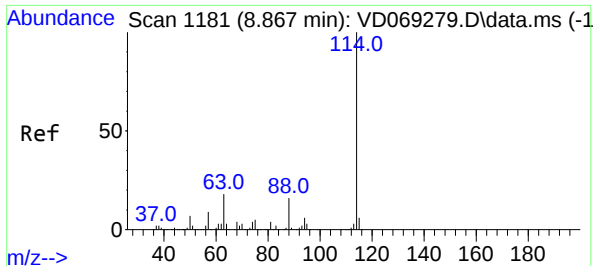
Tgt Ion: 76 Resp: 10469
Ion Ratio Lower Upper
76 100
78 5.1 7.4 11.0#



#33
1,2-Dichloroethane-d4
Concen: 65.164 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069367.D
Acq: 07 Jun 2021 14:49

Tgt Ion: 65 Resp: 194462
Ion Ratio Lower Upper
65 100
67 54.7 0.0 105.8



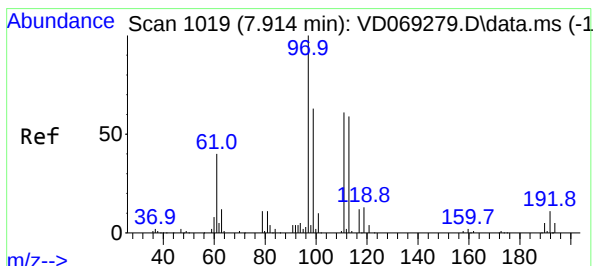
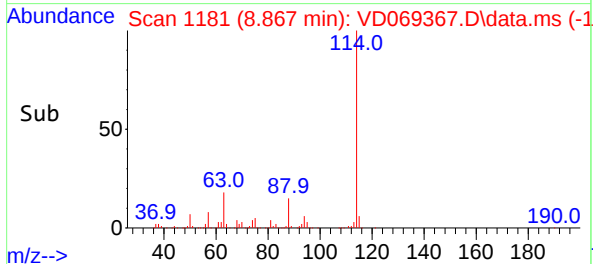
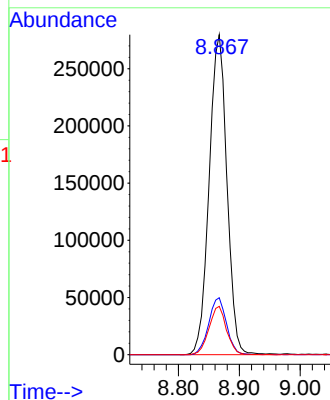
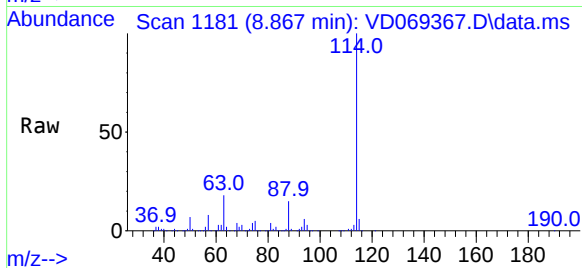


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069367.D
Acq: 07 Jun 2021 14:49

Instrument :
MSVOA_D
ClientSampleId :
BSS-SOIL-PILE

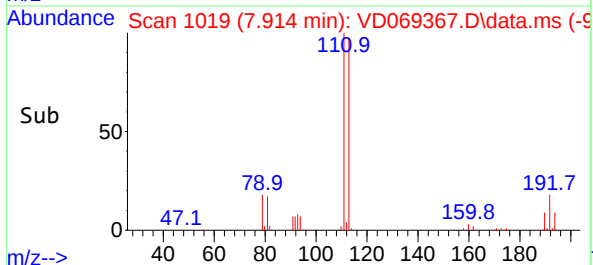
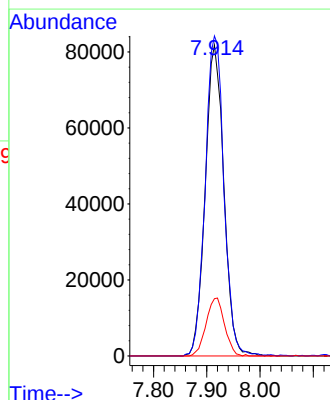
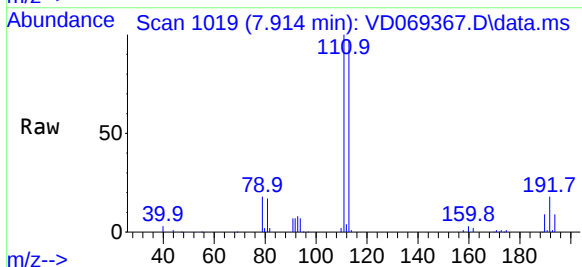
Tgt Ion:114 Resp: 567098
Ion Ratio Lower Upper
114 100
63 17.8 0.0 35.6
88 15.1 0.0 31.2

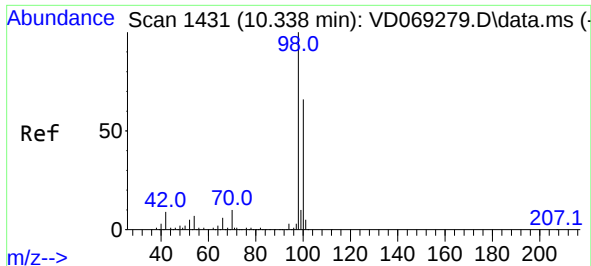


#35

Dibromofluoromethane
Concen: 55.711 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069367.D
Acq: 07 Jun 2021 14:49

Tgt Ion:113 Resp: 198401
Ion Ratio Lower Upper
113 100
111 103.5 83.0 124.6
192 18.4 15.1 22.7

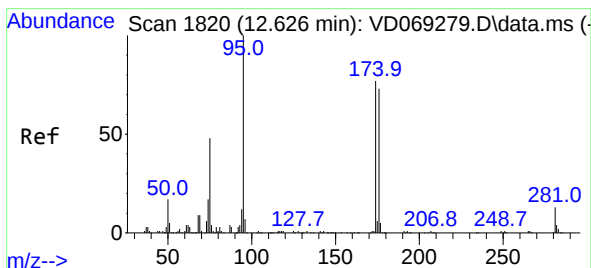
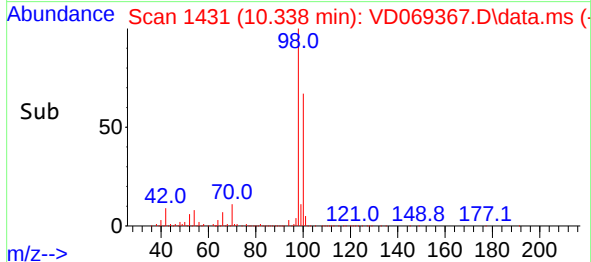
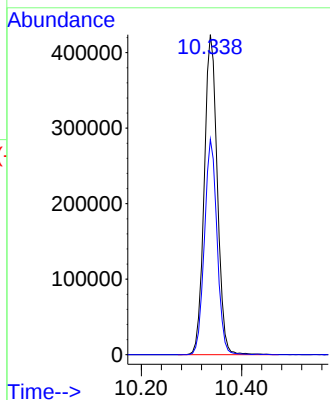
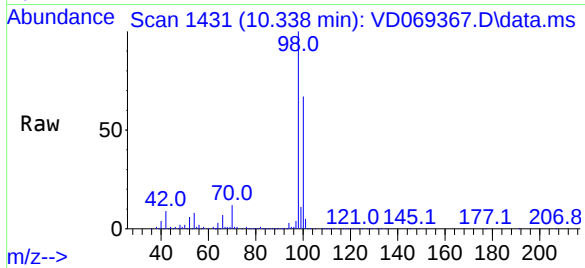




#50
Toluene-d8
Concen: 59.134 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069367.D
Acq: 07 Jun 2021 14:49

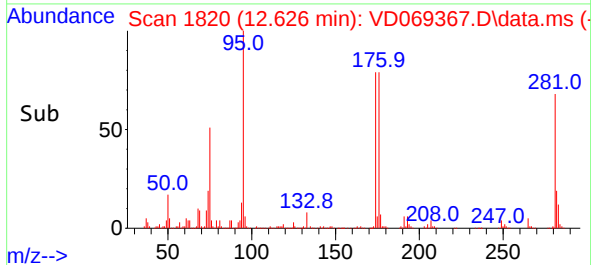
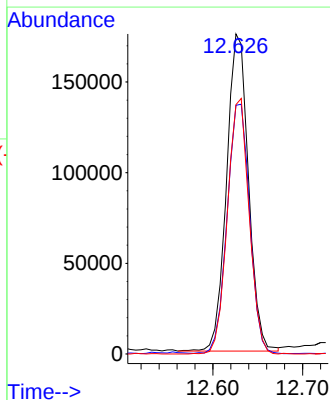
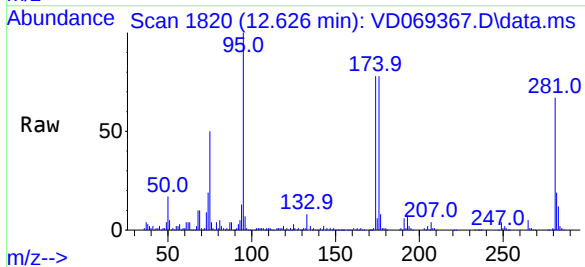
Instrument :
MSVOA_D
ClientSampleId :
BSS-SOIL-PILE

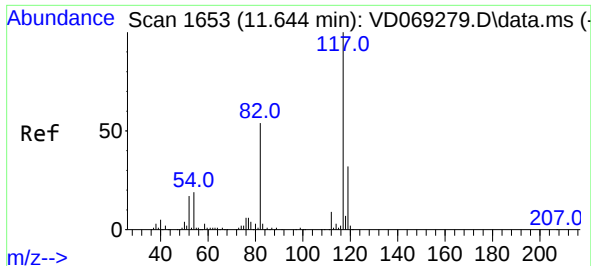
Tgt Ion: 98 Resp: 765778
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 69.814 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069367.D
Acq: 07 Jun 2021 14:49

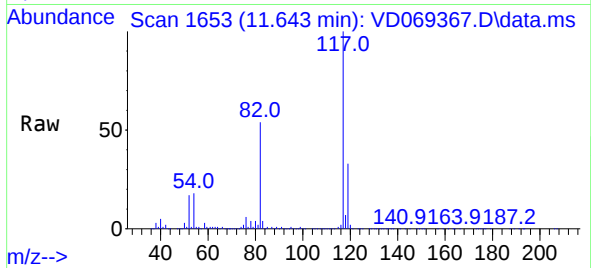
Tgt Ion: 95 Resp: 296247
Ion Ratio Lower Upper
95 100
174 80.8 0.0 162.8
176 79.9 0.0 154.4



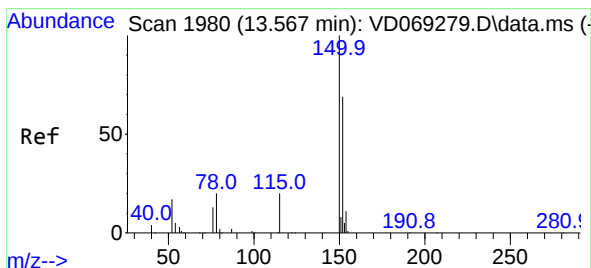
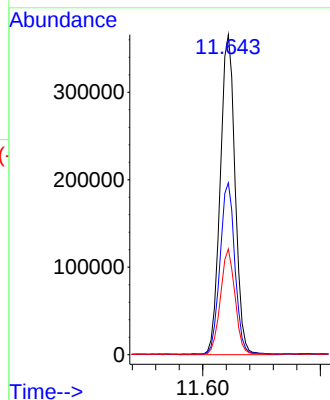
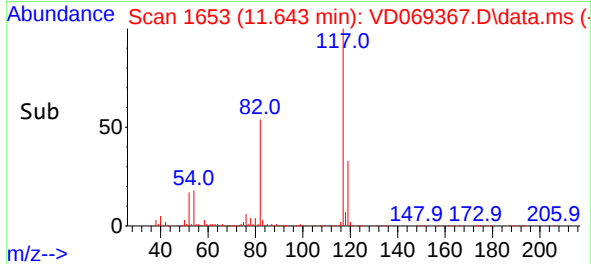


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069367.D
Acq: 07 Jun 2021 14:49

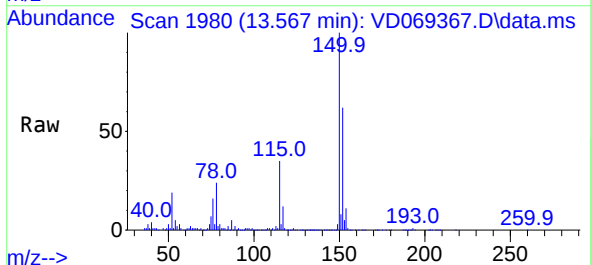
Instrument :
MSVOA_D
ClientSampleId :
BSS-SOIL-PILE



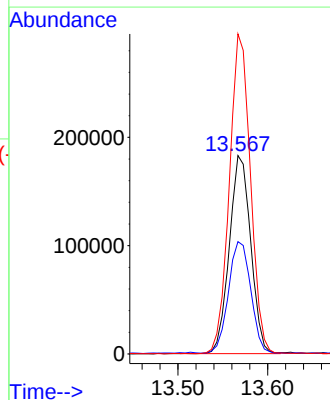
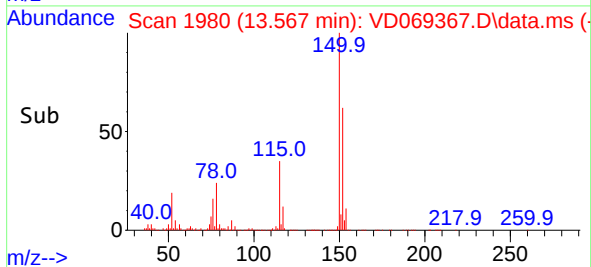
Tgt Ion:117 Resp: 643215
Ion Ratio Lower Upper
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82 53.6 43.3 64.9
119 32.9 25.3 37.9

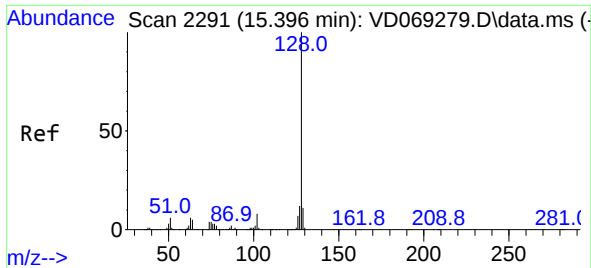


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069367.D
Acq: 07 Jun 2021 14:49



Tgt Ion:152 Resp: 303443
Ion Ratio Lower Upper
152 100
115 58.6 29.4 88.3
150 158.6 0.0 355.0





#95
Naphthalene
Concen: 4.268 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069367.D
Acq: 07 Jun 2021 14:49

Instrument :
MSVOA_D
ClientSampleId :
BSS-SOIL-PILE

Tgt Ion:128 Resp: 10714
Ion Ratio Lower Upper
128 100
127 19.7 10.4 15.6#
129 17.0 8.8 13.2#

