

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011922\
 Data File : VD071748.D
 Acq On : 19 Jan 2022 17:07
 Operator : VA/SY
 Sample : N1204-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PS-MH-SOIL

Quant Time: Jan 20 04:59:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

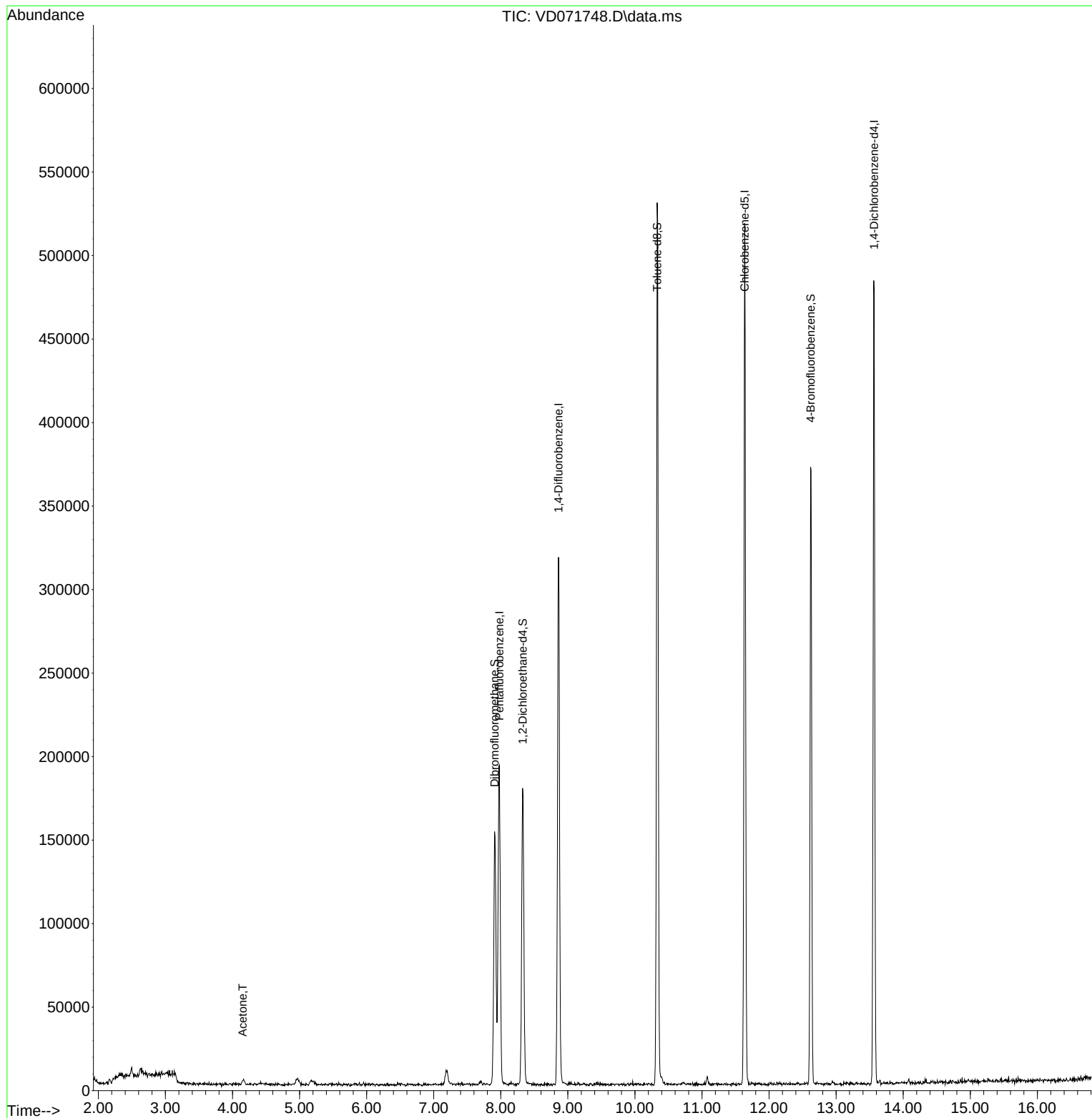
Internal Standards						
1) Pentafluorobenzene	7.979	168	131108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	254944	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	261667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	117535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	143091	84.820	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 169.640%#		
35) Dibromofluoromethane	7.908	113	104203	61.847	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 123.700%		
50) Toluene-d8	10.332	98	335618	53.214	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 106.420%		
62) 4-Bromofluorobenzene	12.620	95	114588	51.560	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 103.120%		
Target Compounds						
						Qvalue
16) Acetone	4.150	43	2749	7.058	ug/l #	86

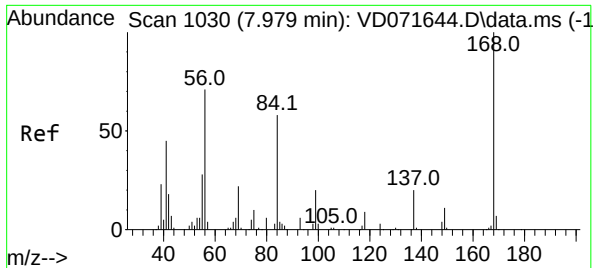
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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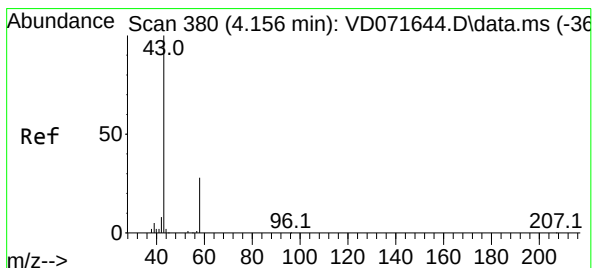
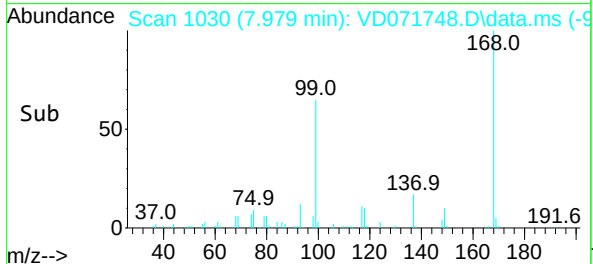
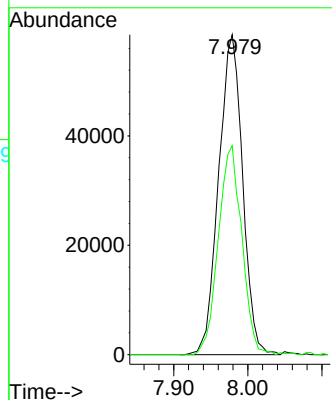
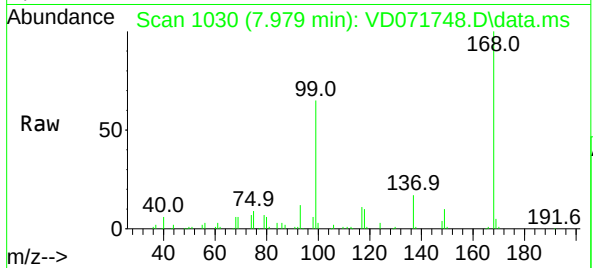




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071748.D
Acq: 19 Jan 2022 17:07

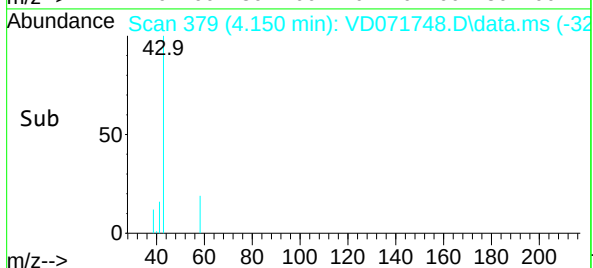
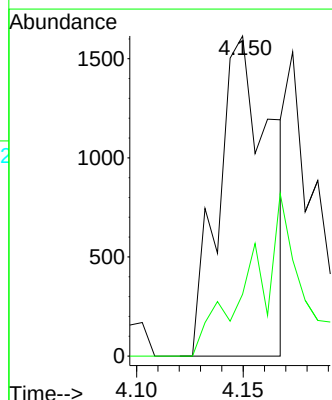
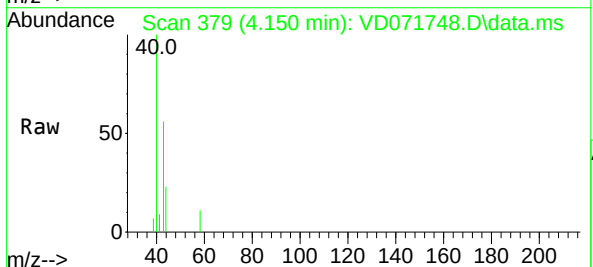
Instrument :
MSVOA_D
ClientSampleId :
PS-MH-SOIL

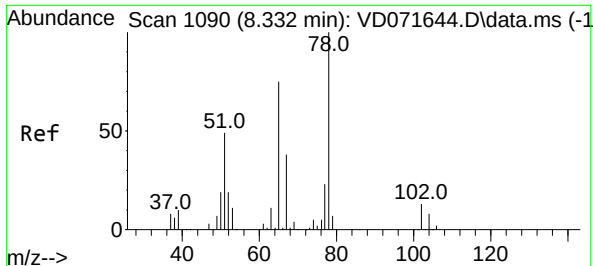
Tgt Ion:168 Resp: 131108
Ion Ratio Lower Upper
168 100
99 65.3 51.8 77.6



#16
Acetone
Concen: 7.058 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.005 min
Lab File: VD071748.D
Acq: 19 Jan 2022 17:07

Tgt Ion: 43 Resp: 2749
Ion Ratio Lower Upper
43 100
58 19.3 21.0 31.6#





#33

1,2-Dichloroethane-d4

Concen: 84.820 ug/l

RT: 8.326 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD071748.D

Acq: 19 Jan 2022 17:07

Instrument :

MSVOA_D

ClientSampleId :

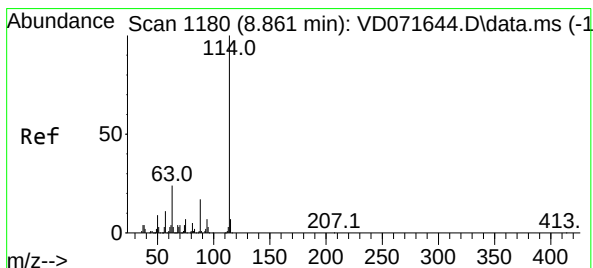
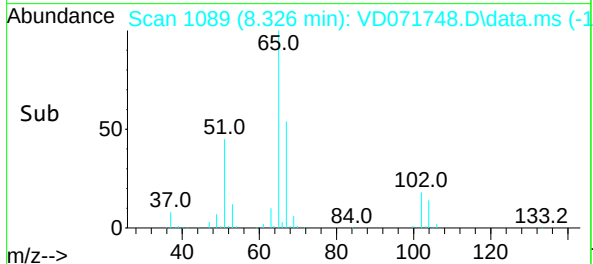
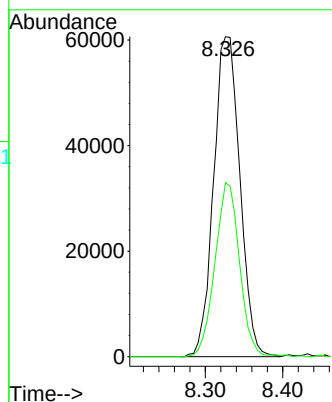
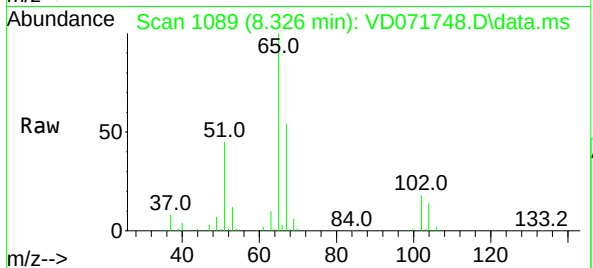
PS-MH-SOIL

Tgt Ion: 65 Resp: 143091

Ion Ratio Lower Upper

65 100

67 51.0 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071748.D

Acq: 19 Jan 2022 17:07

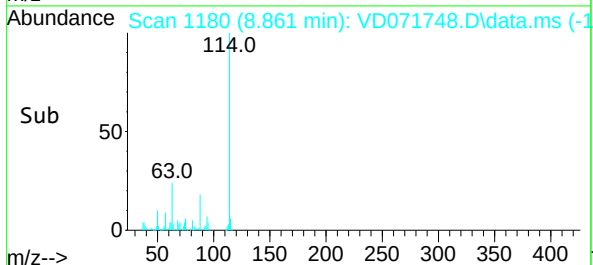
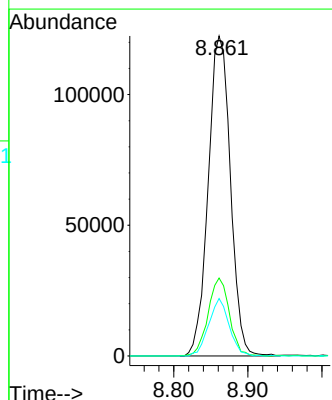
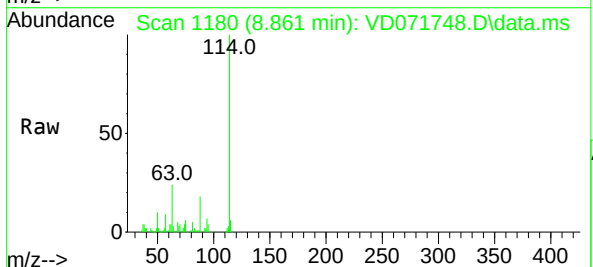
Tgt Ion: 114 Resp: 254944

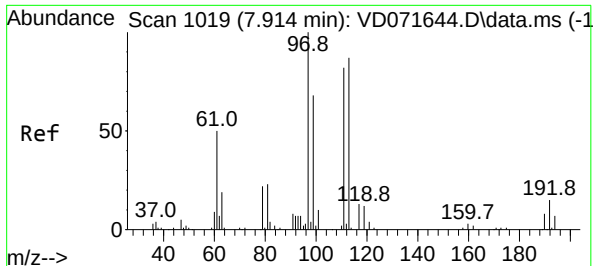
Ion Ratio Lower Upper

114 100

63 24.2 0.0 46.2

88 18.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 61.847 ug/l

RT: 7.908 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071748.D

Acq: 19 Jan 2022 17:07

Instrument :

MSVOA_D

ClientSampleId :

PS-MH-SOIL

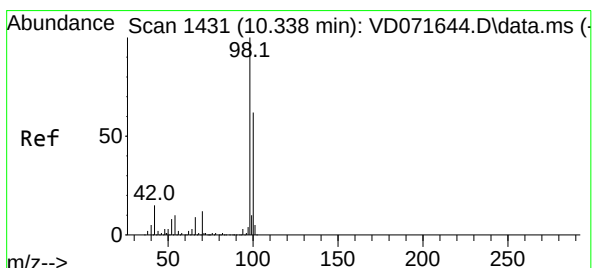
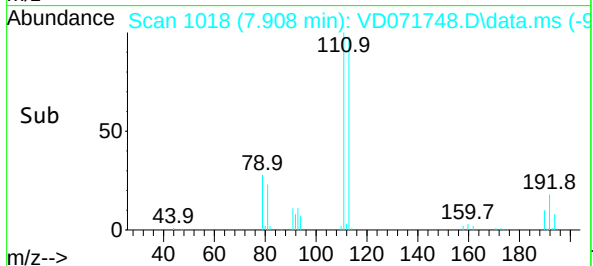
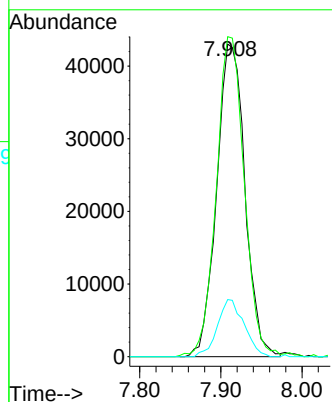
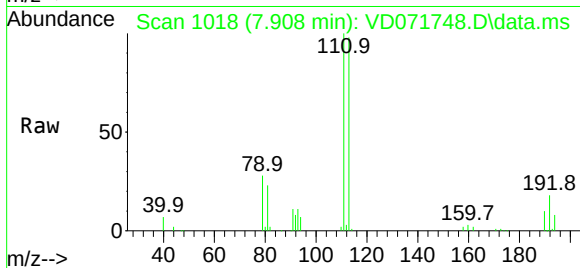
Tgt Ion:113 Resp: 104203

Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.4

192 17.2 14.2 21.2



#50

Toluene-d8

Concen: 53.214 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.005 min

Lab File: VD071748.D

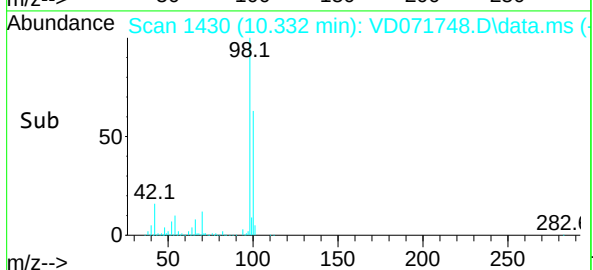
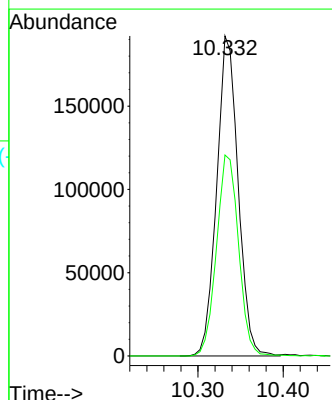
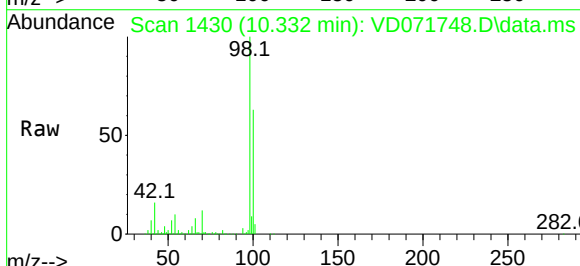
Acq: 19 Jan 2022 17:07

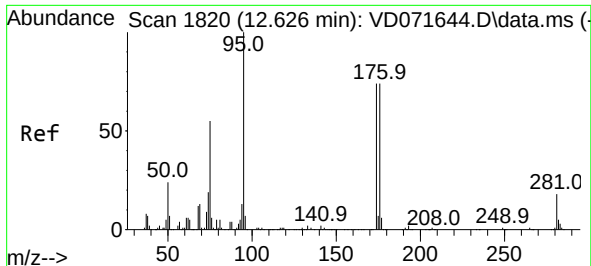
Tgt Ion: 98 Resp: 335618

Ion Ratio Lower Upper

98 100

100 64.7 52.1 78.1

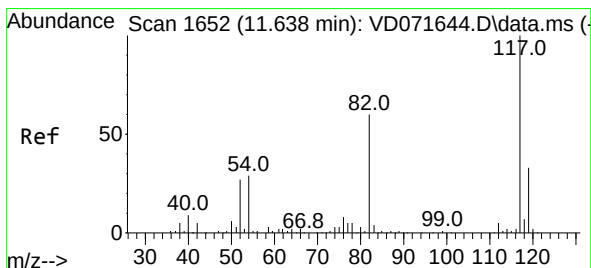
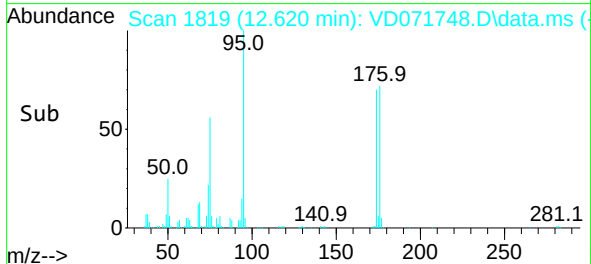
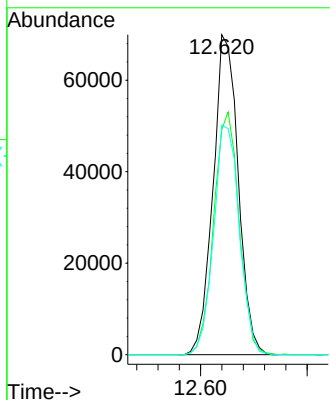
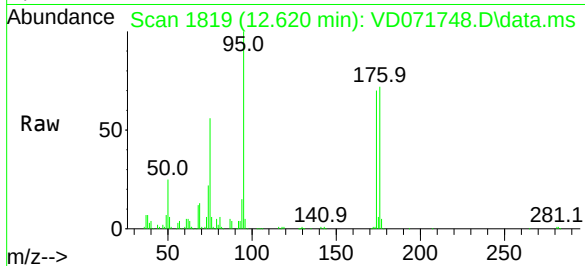




#62
4-Bromofluorobenzene
Concen: 51.560 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071748.D
Acq: 19 Jan 2022 17:07

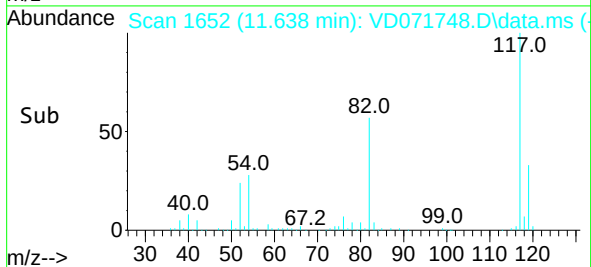
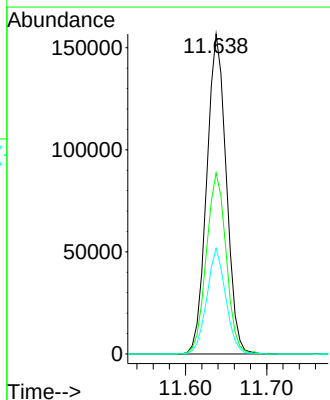
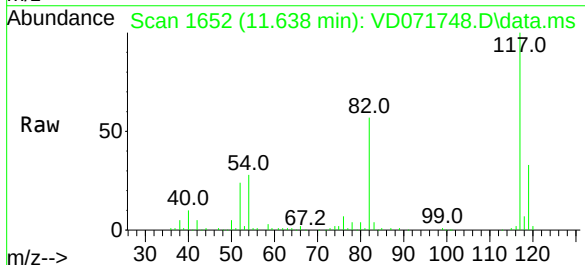
Instrument :
MSVOA_D
ClientSampleId :
PS-MH-SOIL

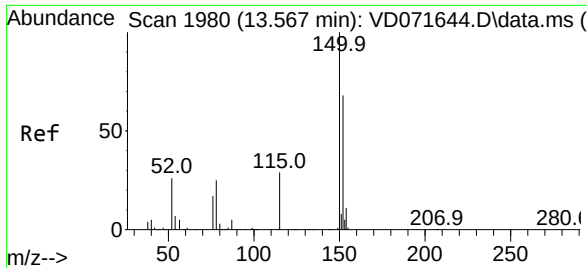
Tgt Ion: 95 Resp: 114588
Ion Ratio Lower Upper
95 100
174 76.5 0.0 150.0
176 73.4 0.0 146.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.001 min
Lab File: VD071748.D
Acq: 19 Jan 2022 17:07

Tgt Ion: 117 Resp: 261667
Ion Ratio Lower Upper
117 100
82 56.6 46.9 70.3
119 33.0 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. -0.000 min

Lab File: VD071748.D

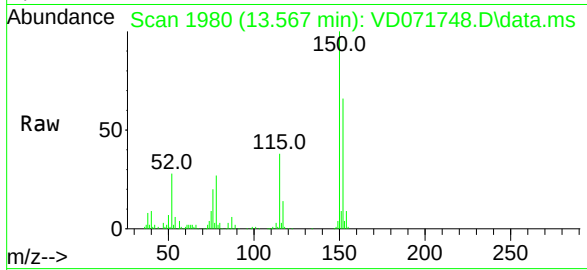
Acq: 19 Jan 2022 17:07

Instrument :

MSVOA_D

ClientSampleId :

PS-MH-SOIL



Tgt Ion:152 Resp: 117535

Ion Ratio Lower Upper

152 100

115 59.7 31.5 94.5

150 157.6 0.0 348.0

