

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092121\
 Data File : VD070411.D
 Acq On : 21 Sep 2021 18:28
 Operator : VA/SY
 Sample : M3860-01
 Misc : 6.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PT-SOIL

Quant Time: Sep 22 01:48:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

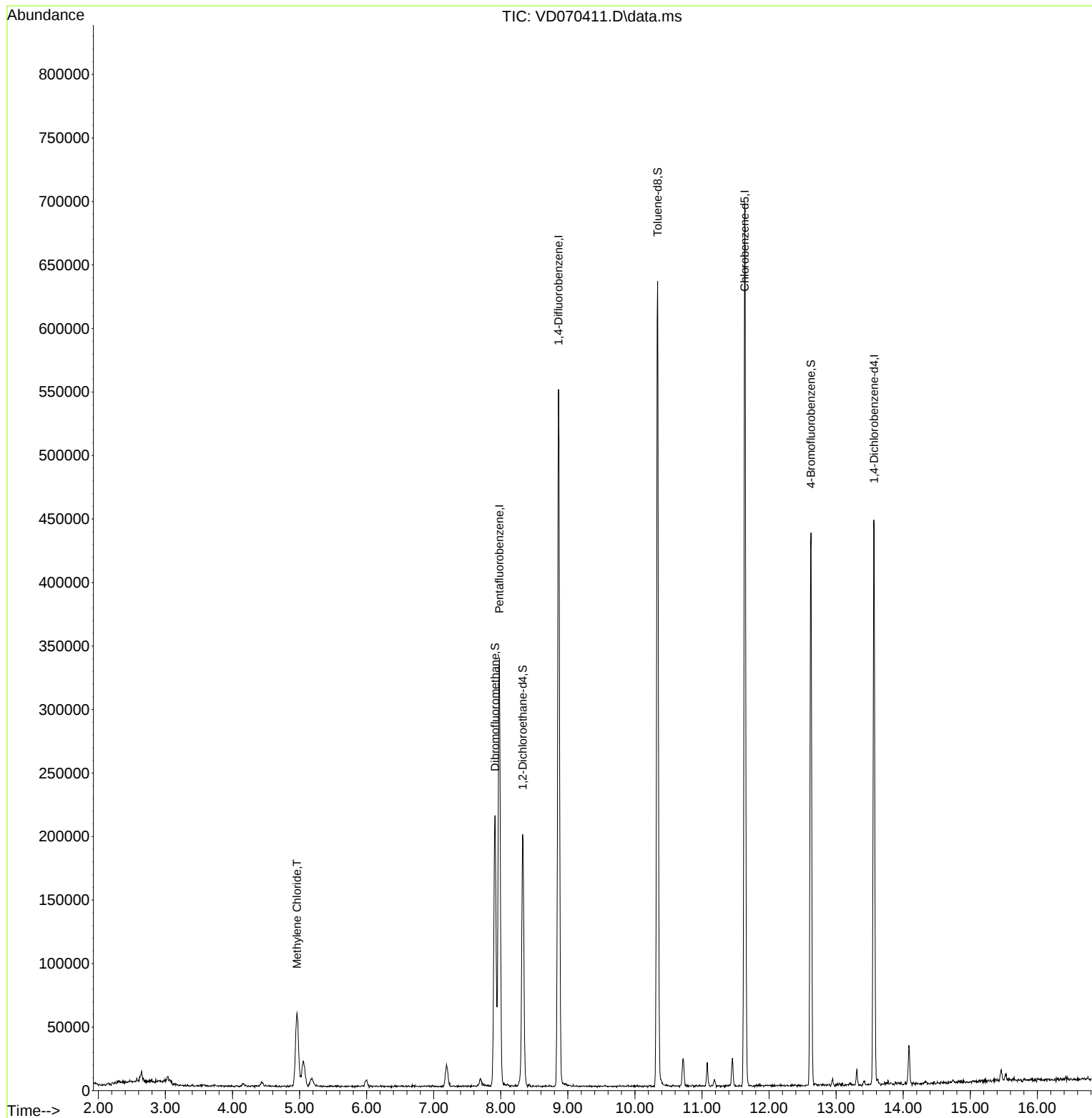
Internal Standards						
1) Pentafluorobenzene	7.979	168	235678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	467558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	408721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	124801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	156521	51.723	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.440%			
35) Dibromofluoromethane	7.914	113	157477	47.317	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.640%			
50) Toluene-d8	10.338	98	444466	36.782	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 73.560%			
62) 4-Bromofluorobenzene	12.626	95	119868	28.384	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 56.760%			
Target Compounds						Qvalue
20) Methylene Chloride	4.961	84	48974	8.520	ug/l	88

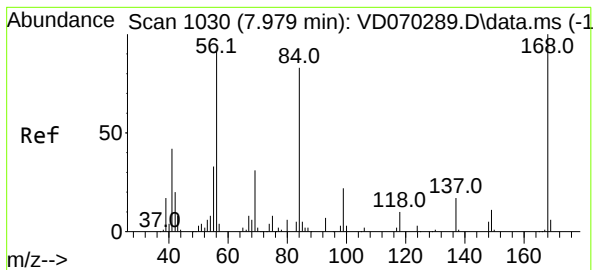
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD070411.D

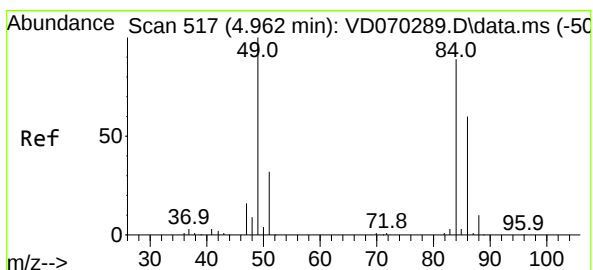
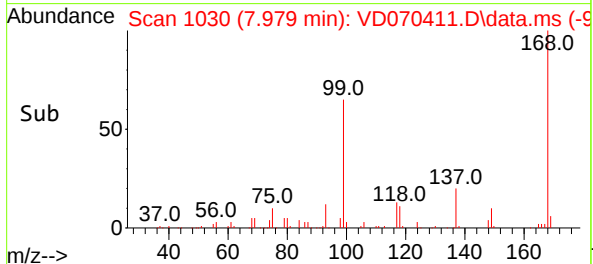
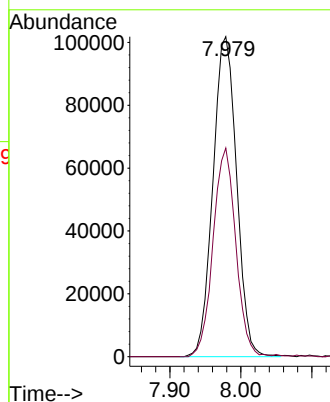
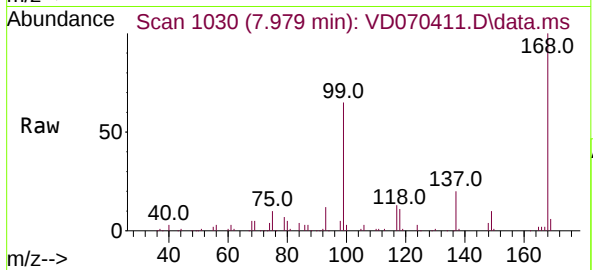
Acq: 21 Sep 2021 18:28

Tgt Ion:168 Resp: 235678

Ion Ratio Lower Upper

168 100

99 65.2 50.8 76.2



#20

Methylene Chloride

Concen: 8.520 ug/l

RT: 4.961 min Scan# 517

Delta R.T. -0.001 min

Lab File: VD070411.D

Acq: 21 Sep 2021 18:28

Tgt Ion: 84 Resp: 48974

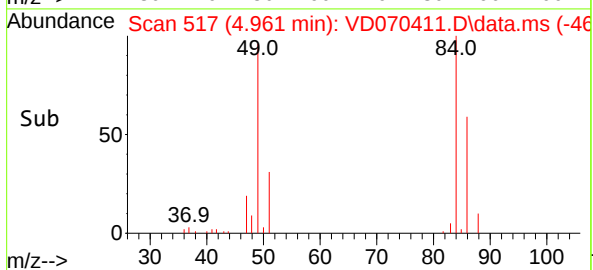
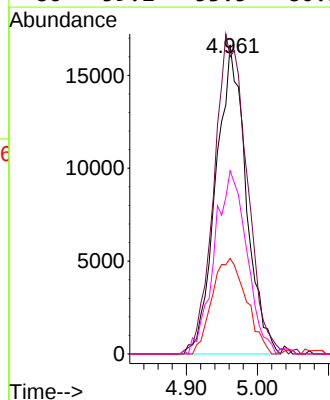
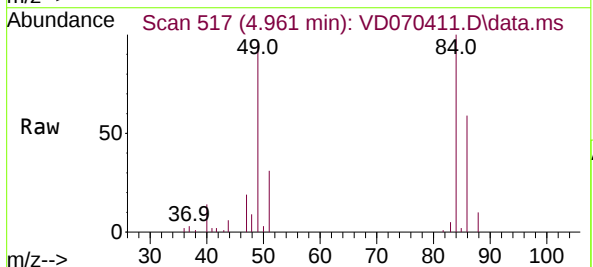
Ion Ratio Lower Upper

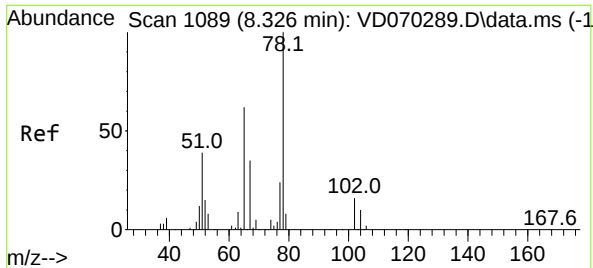
84 100

49 96.1 89.6 134.4

51 30.9 28.6 43.0

86 59.2 53.5 80.3

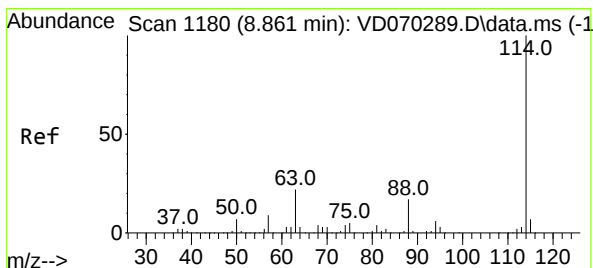
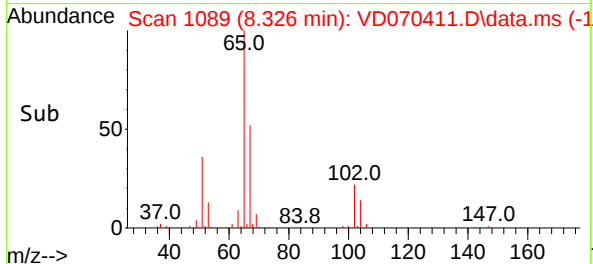
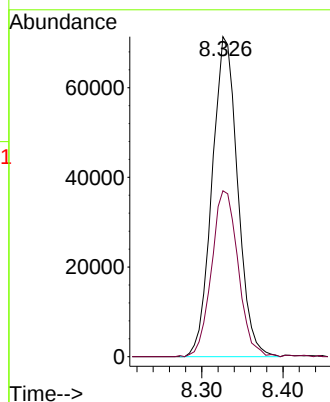
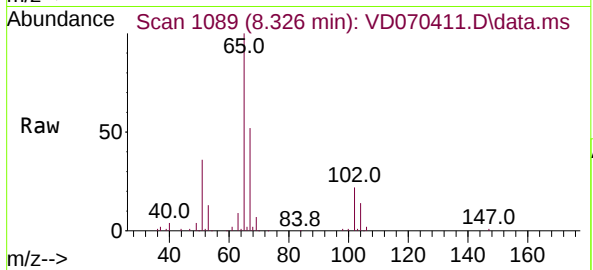




#33
1,2-Dichloroethane-d4
Concen: 51.723 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070411.D
Acq: 21 Sep 2021 18:28

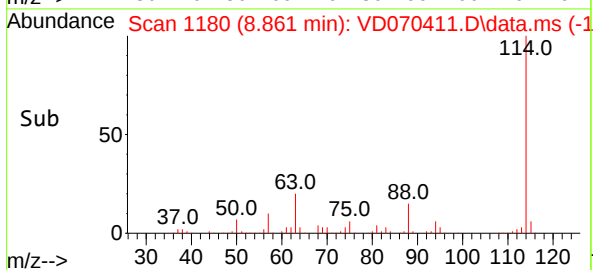
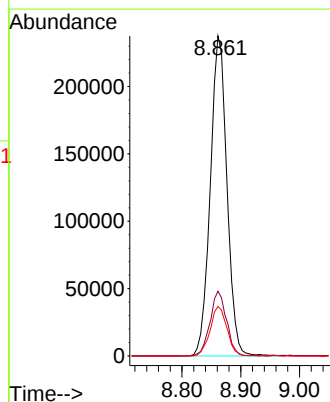
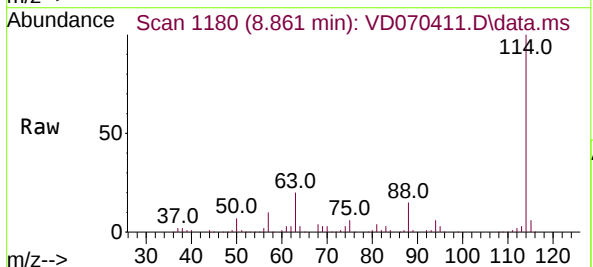
Instrument :
MSVOA_D
ClientSampleId :
PT-SOIL

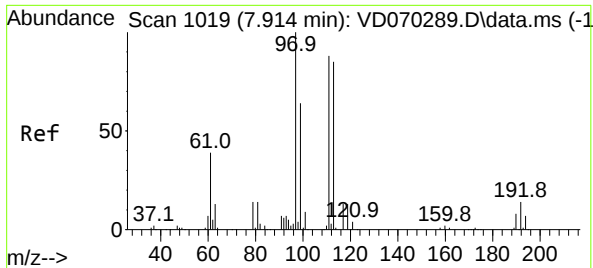
Tgt Ion: 65 Resp: 156521
Ion Ratio Lower Upper
65 100
67 53.7 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070411.D
Acq: 21 Sep 2021 18:28

Tgt Ion:114 Resp: 467558
Ion Ratio Lower Upper
114 100
63 20.2 0.0 43.4
88 15.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.317 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070411.D

Acq: 21 Sep 2021 18:28

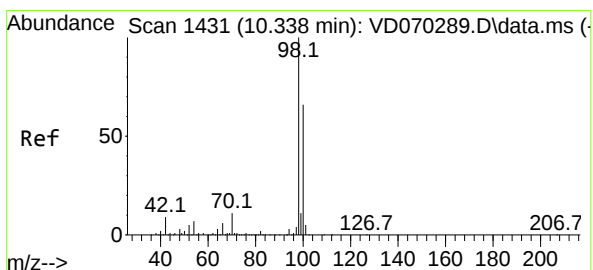
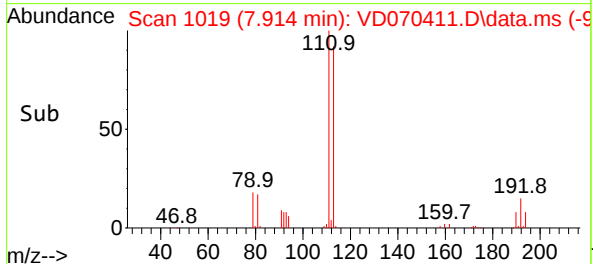
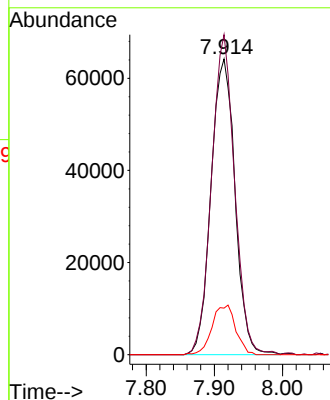
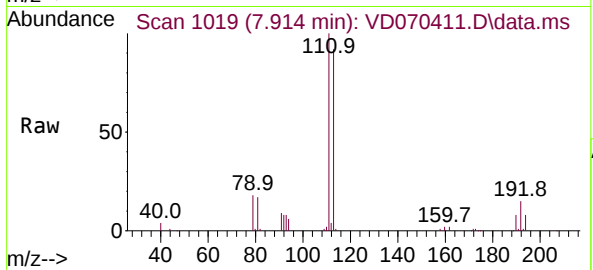
Instrument :

MSVOA_D

ClientSampleId :

PT-SOIL

Tgt Ion:	113	Resp:	157477
Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.4	122.2
192	16.5	13.0	19.6



#50

Toluene-d8

Concen: 36.782 ug/l

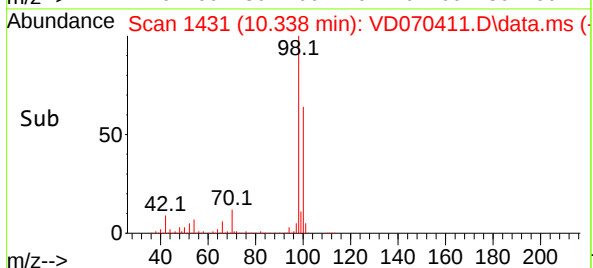
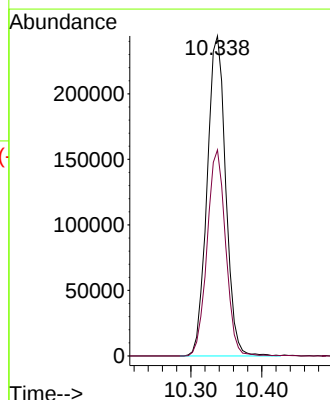
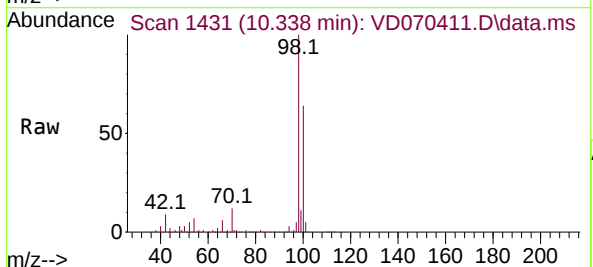
RT: 10.338 min Scan# 1431

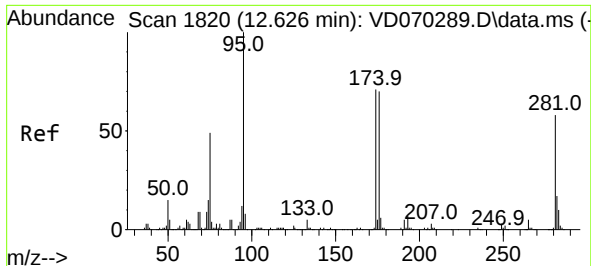
Delta R.T. -0.000 min

Lab File: VD070411.D

Acq: 21 Sep 2021 18:28

Tgt Ion:	98	Resp:	444466
Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.0	78.0

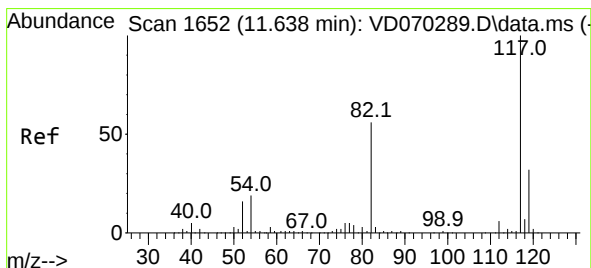
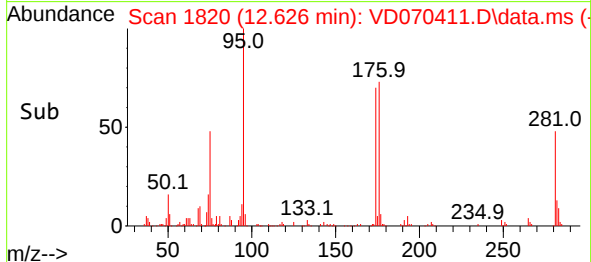
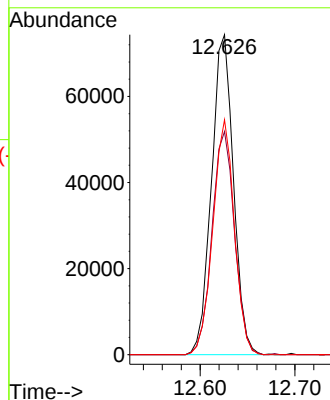
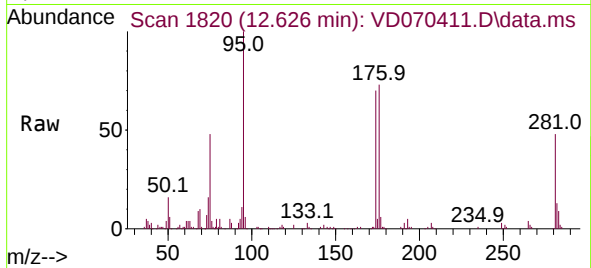




#62
4-Bromofluorobenzene
Concen: 28.384 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070411.D
Acq: 21 Sep 2021 18:28

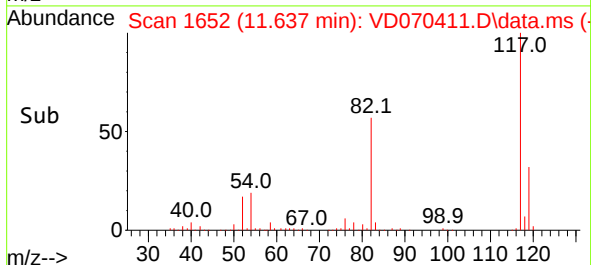
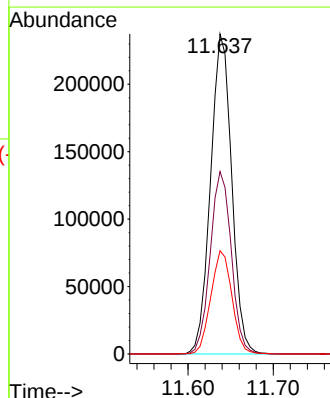
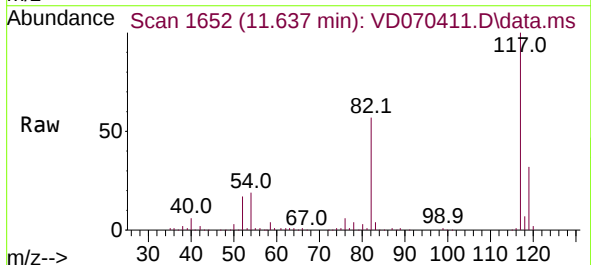
Instrument :
MSVOA_D
ClientSampleId :
PT-SOIL

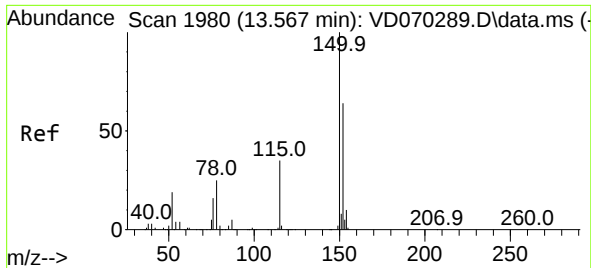
Tgt Ion: 95 Resp: 119868
Ion Ratio Lower Upper
95 100
174 71.7 0.0 140.6
176 72.1 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070411.D
Acq: 21 Sep 2021 18:28

Tgt Ion: 117 Resp: 408721
Ion Ratio Lower Upper
117 100
82 57.0 45.0 67.4
119 32.2 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070411.D
 Acq: 21 Sep 2021 18:28

Instrument :
 MSVOA_D
 ClientSampleId :
 PT-SOIL

Tgt Ion:152 Resp: 124801
 Ion Ratio Lower Upper
 152 100
 115 59.9 32.1 96.3
 150 153.6 0.0 350.6

