

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111521\
 Data File : VD071029.D
 Acq On : 15 Nov 2021 15:44
 Operator : VA/SY
 Sample : M4603-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ISCO-SOIL-IDW-11082021

Quant Time: Nov 16 03:21:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

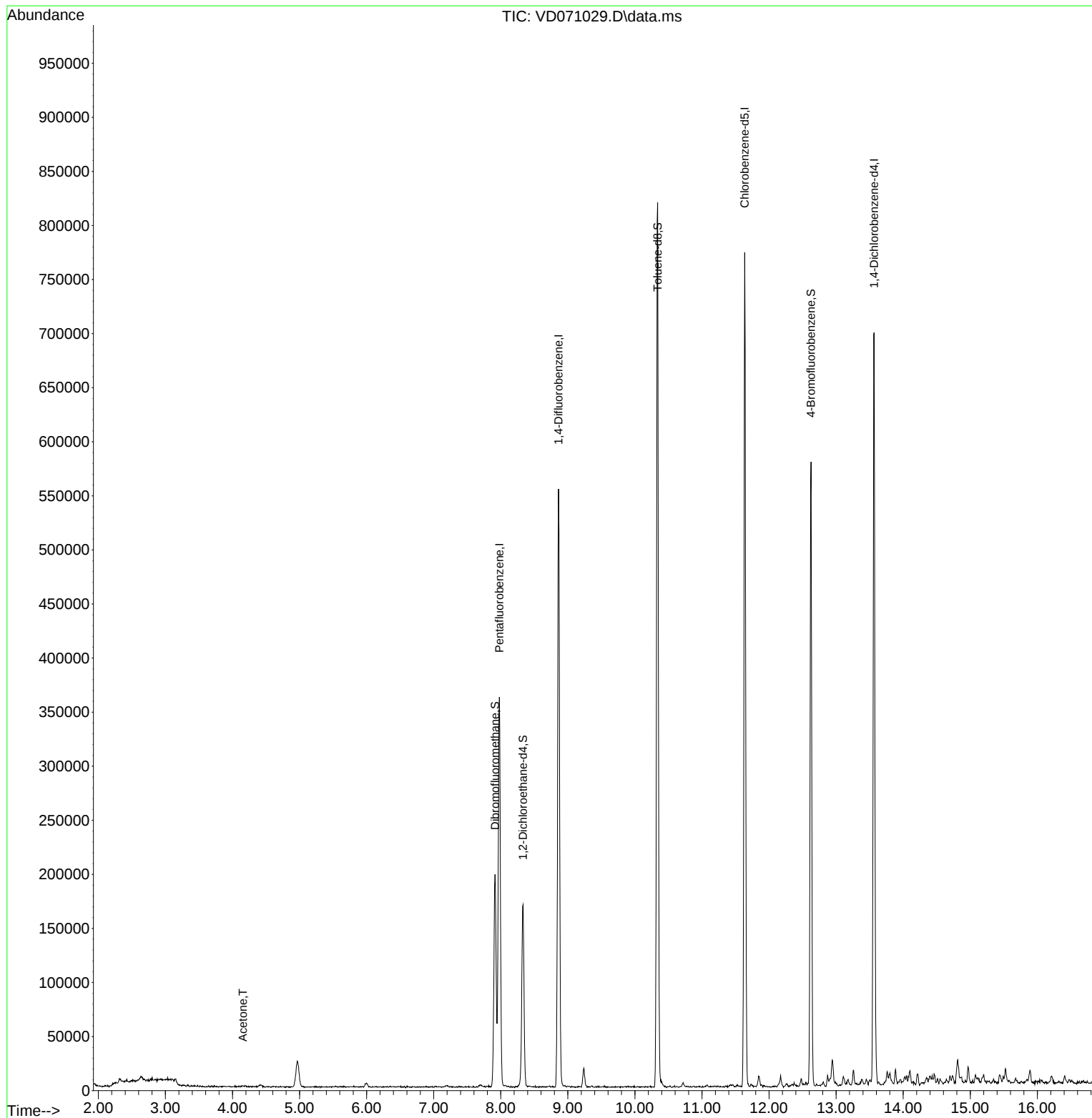
Internal Standards						
1) Pentafluorobenzene	7.979	168	249126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	445820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	408099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	174251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	134957	50.880	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.760%	
35) Dibromofluoromethane	7.914	113	138114	54.901	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.800%	
50) Toluene-d8	10.338	98	544438	55.262	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.520%	
62) 4-Bromofluorobenzene	12.626	95	186988	52.713	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.420%	
Target Compounds						
16) Acetone	4.156	43	2539	23.060	ug/l	Qvalue # 65

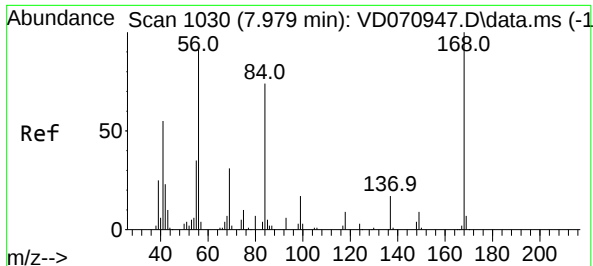
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111521\
Data File : VD071029.D
Acq On : 15 Nov 2021 15:44
Operator : VA/SY
Sample : M4603-01
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ISCO-SOIL-IDW-11082021

Quant Time: Nov 16 03:21:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 10 03:55:51 2021
Response via : Initial Calibration

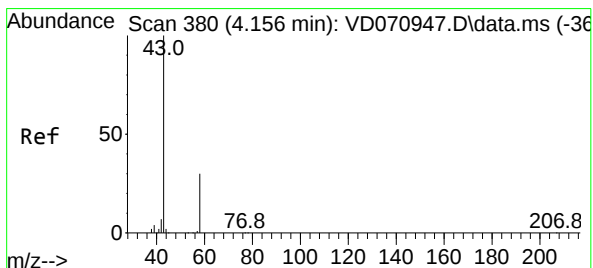
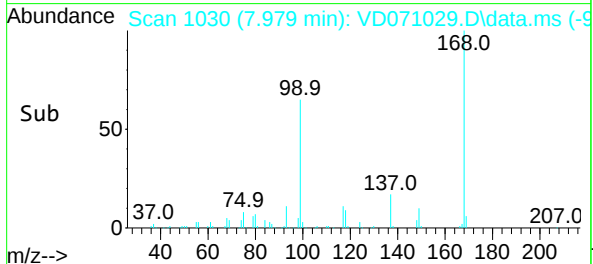
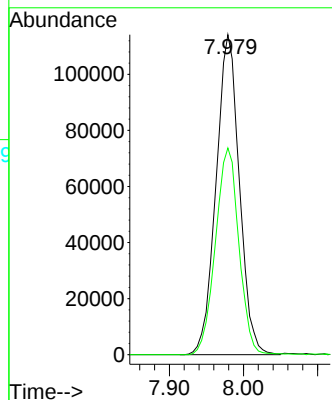
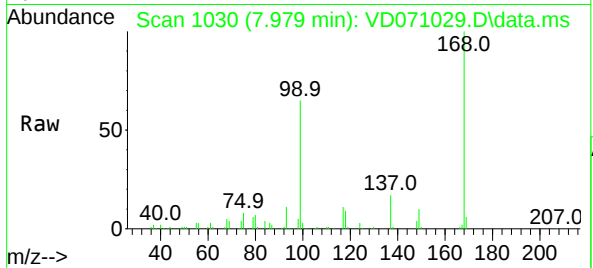




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD071029.D
Acq: 15 Nov 2021 15:44

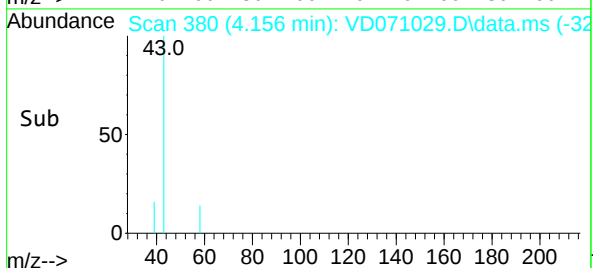
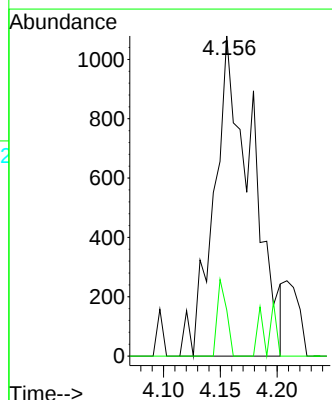
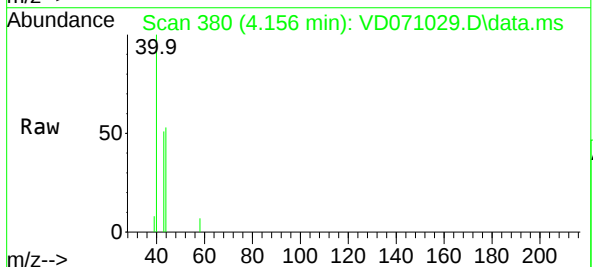
Instrument :
MSVOA_D
ClientSampleId :
ISCO-SOIL-IDW-11082021

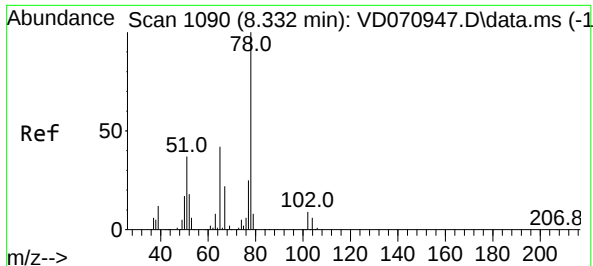
Tgt Ion:168 Resp: 249126
Ion Ratio Lower Upper
168 100
99 64.6 46.6 69.8



#16
Acetone
Concen: 23.060 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071029.D
Acq: 15 Nov 2021 15:44

Tgt Ion: 43 Resp: 2539
Ion Ratio Lower Upper
43 100
58 14.4 27.8 41.8#





#33

1,2-Dichloroethane-d4

Concen: 50.880 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VD071029.D

Acq: 15 Nov 2021 15:44

Instrument :

MSVOA_D

ClientSampleId :

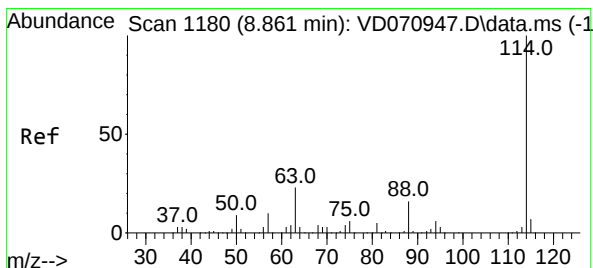
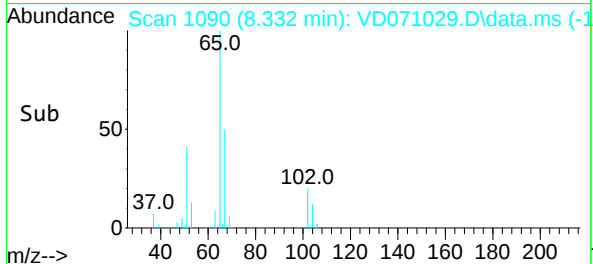
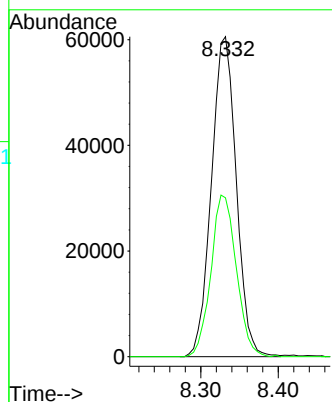
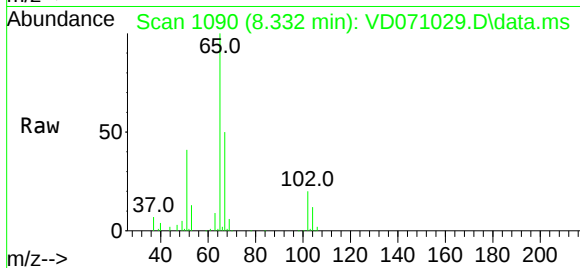
ISCO-SOIL-IDW-11082021

Tgt Ion: 65 Resp: 134957

Ion Ratio Lower Upper

65 100

67 51.6 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071029.D

Acq: 15 Nov 2021 15:44

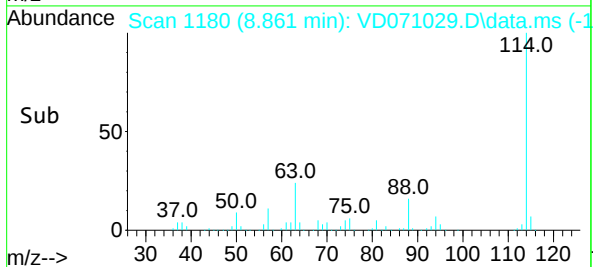
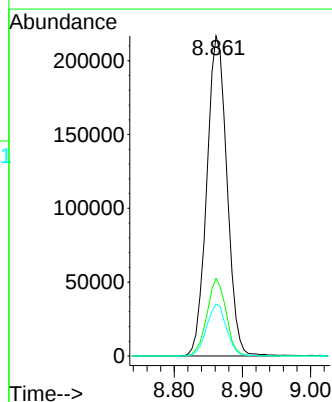
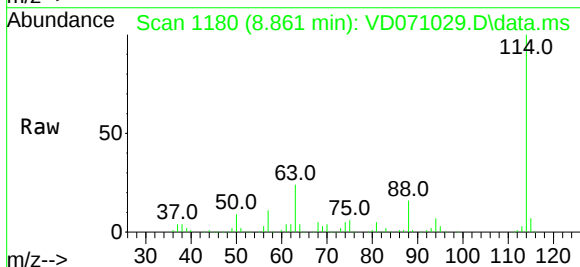
Tgt Ion: 114 Resp: 445820

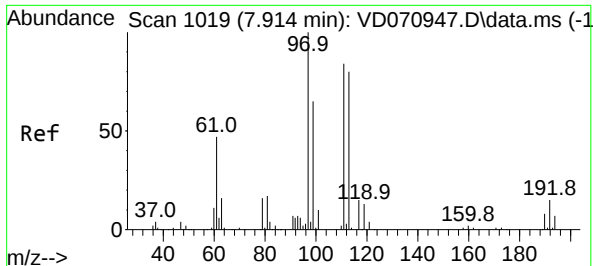
Ion Ratio Lower Upper

114 100

63 24.2 0.0 41.8

88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 54.901 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071029.D

Acq: 15 Nov 2021 15:44

Instrument :

MSVOA_D

ClientSampleId :

ISCO-SOIL-IDW-11082021

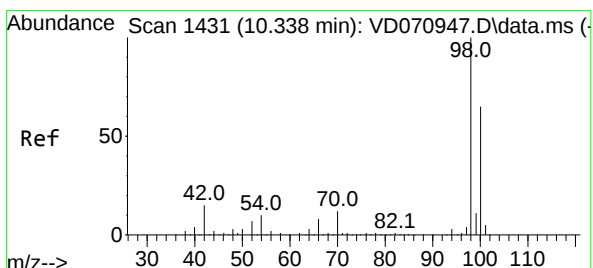
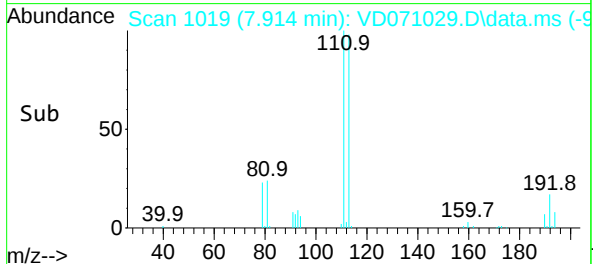
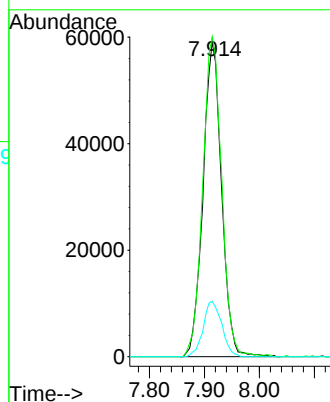
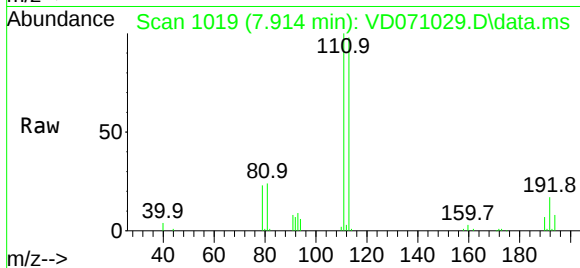
Tgt Ion:113 Resp: 138114

Ion Ratio Lower Upper

113 100

111 104.0 82.0 123.0

192 17.7 15.2 22.8



#50

Toluene-d8

Concen: 55.262 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD071029.D

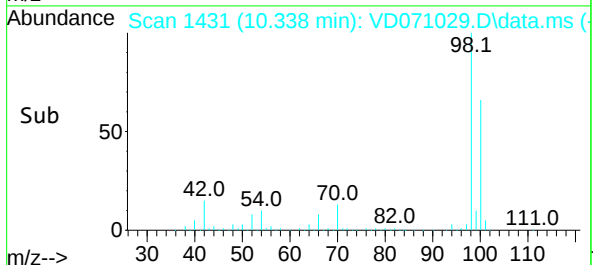
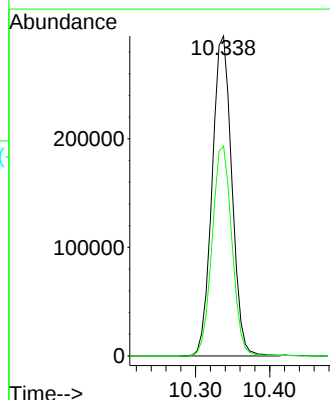
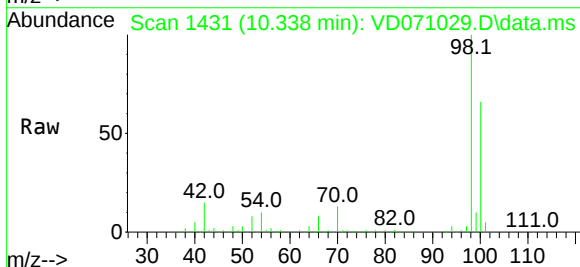
Acq: 15 Nov 2021 15:44

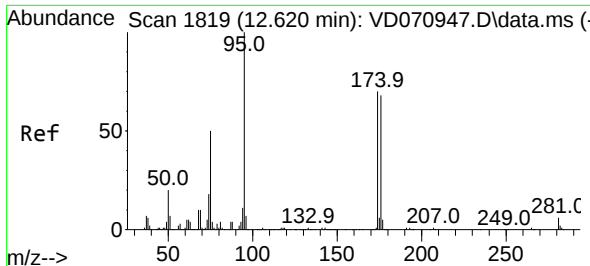
Tgt Ion: 98 Resp: 544438

Ion Ratio Lower Upper

98 100

100 65.9 51.8 77.6

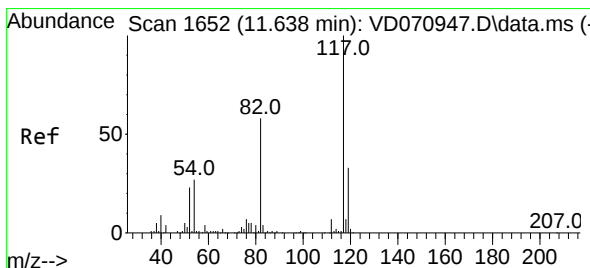
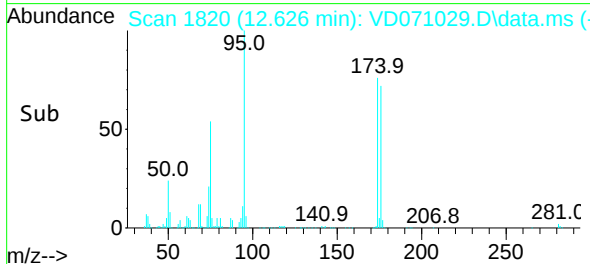
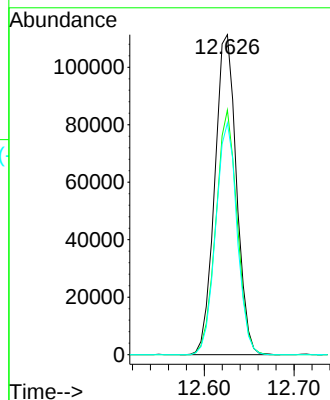
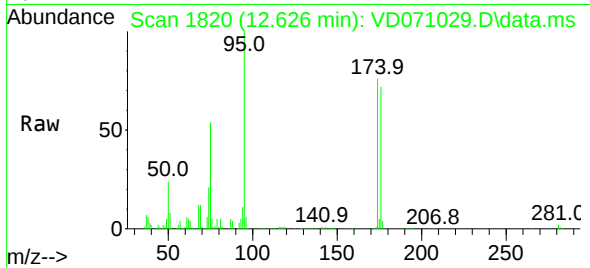




#62
4-Bromofluorobenzene
Concen: 52.713 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD071029.D
Acq: 15 Nov 2021 15:44

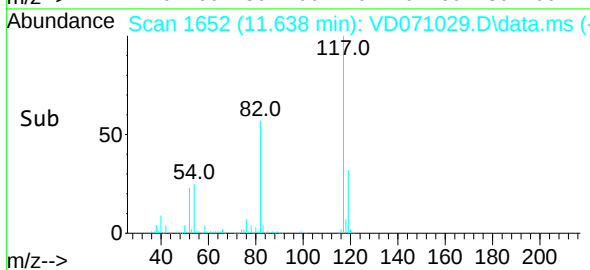
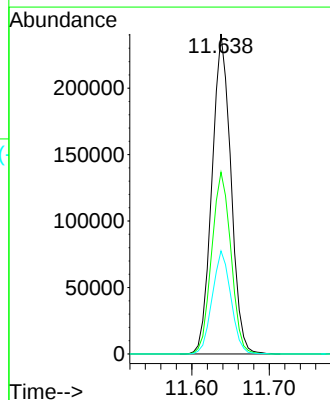
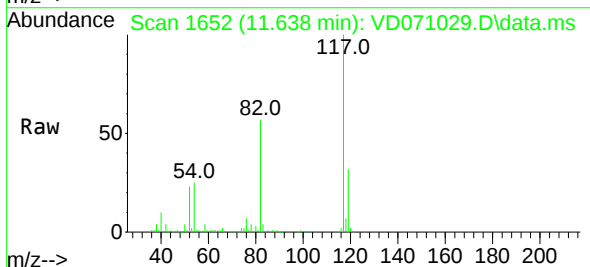
Instrument :
MSVOA_D
ClientSampleId :
ISCO-SOIL-IDW-11082021

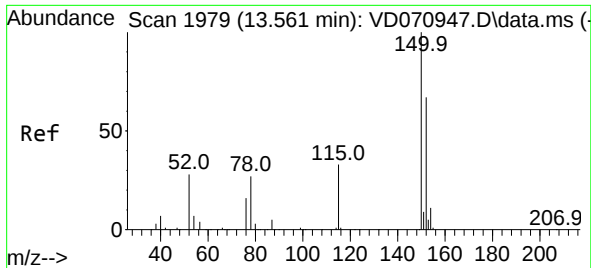
Tgt Ion: 95 Resp: 186988
Ion Ratio Lower Upper
95 100
174 74.9 0.0 159.4
176 71.3 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071029.D
Acq: 15 Nov 2021 15:44

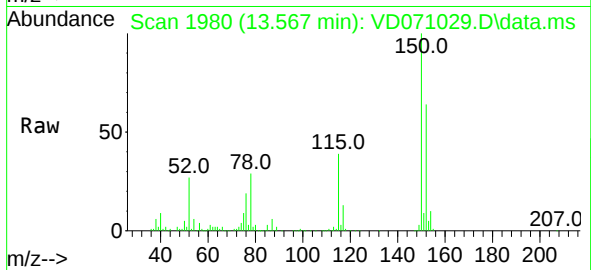
Tgt Ion: 117 Resp: 408099
Ion Ratio Lower Upper
117 100
82 56.8 44.7 67.1
119 32.2 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VD071029.D
 Acq: 15 Nov 2021 15:44

Instrument :
 MSVOA_D
 ClientSampleId :
 ISCO-SOIL-IDW-11082021



Tgt Ion:152 Resp: 174251
 Ion Ratio Lower Upper
 152 100
 115 62.8 29.8 89.3
 150 159.0 0.0 349.2

