

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012822\
 Data File : VD071824.D
 Acq On : 28 Jan 2022 15:18
 Operator : VA/SY
 Sample : N1310-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-PILE

Quant Time: Jan 29 04:51:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	91477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	170412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	179212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	79932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	97900	84.672	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 169.340%#	
35) Dibromofluoromethane	7.914	113	68675	61.308	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.620%	
50) Toluene-d8	10.338	98	222688	53.231	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.460%	
62) 4-Bromofluorobenzene	12.626	95	79640	54.514	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.020%	

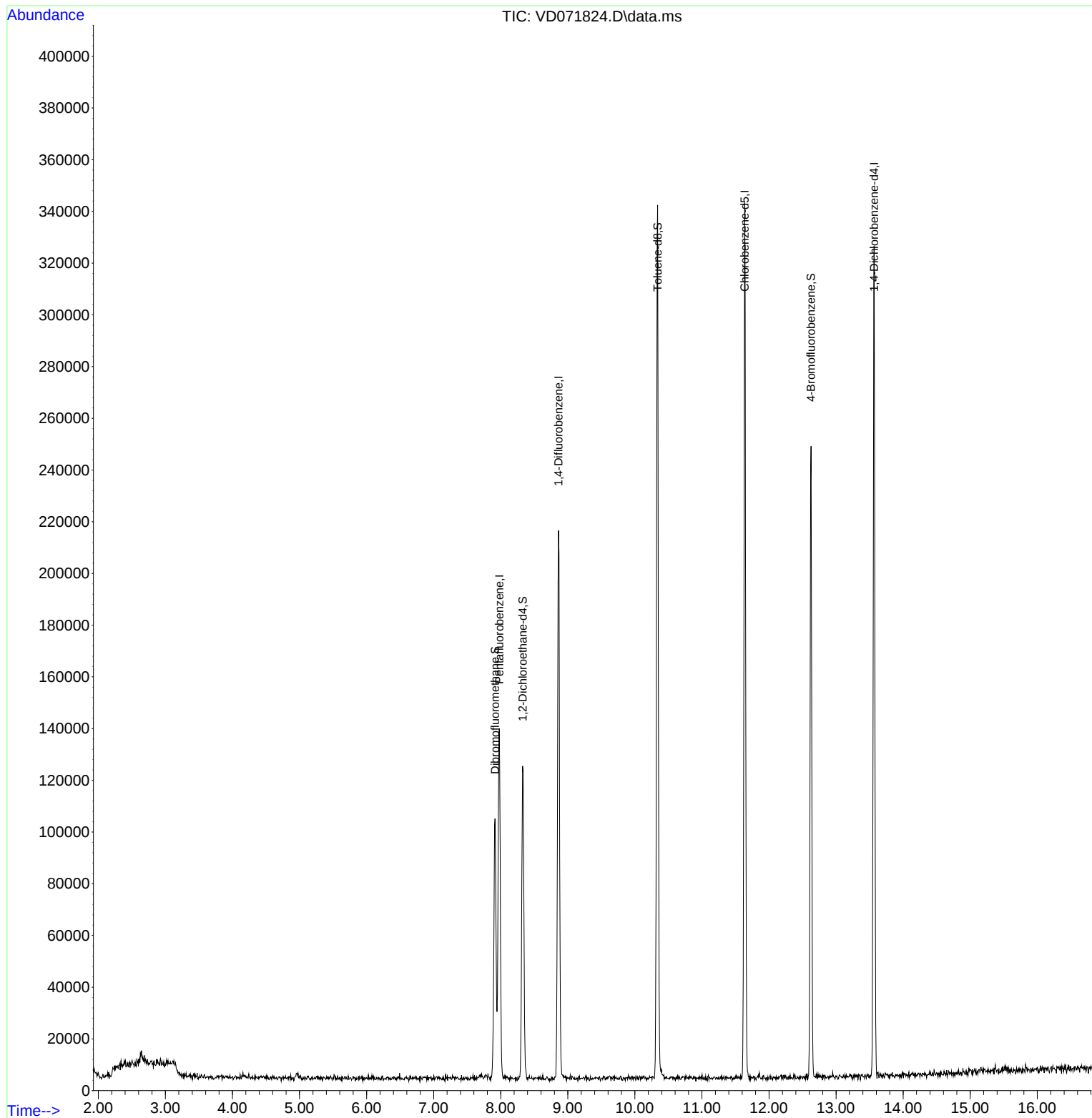
Target Compounds	Qvalue

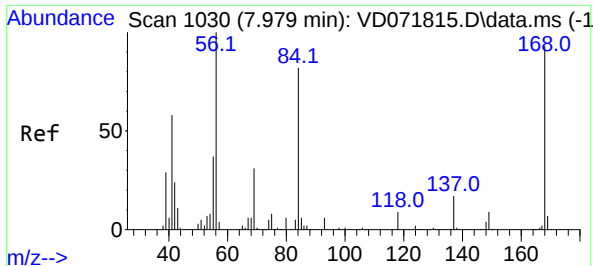
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD071824.D

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Instrument :

MSVOA_D

ClientSampleId :

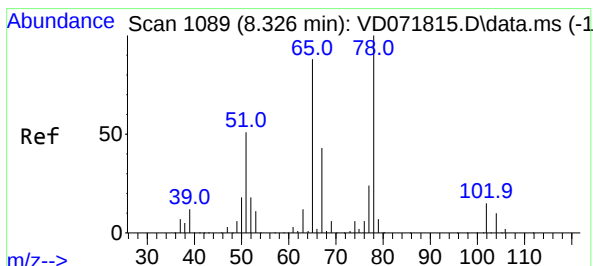
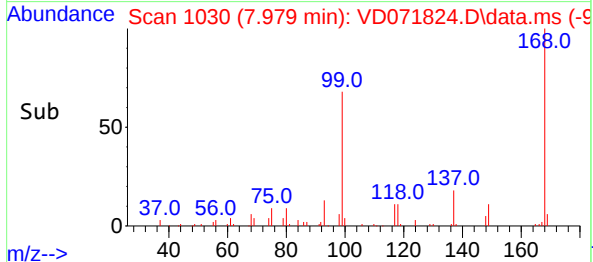
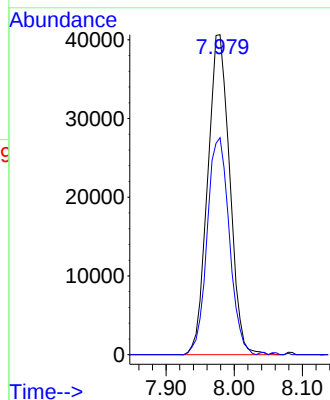
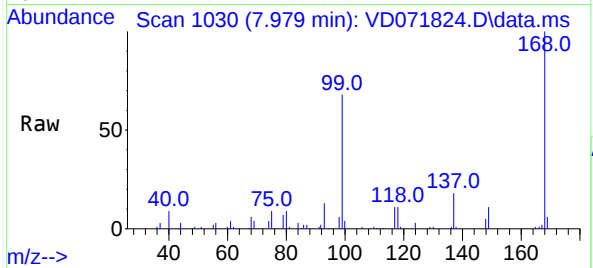
SOIL-PILE

Tgt Ion:168 Resp: 91477

Ion Ratio Lower Upper

168 100

99 67.8 49.8 74.6



#33

1,2-Dichloroethane-d4

Concen: 84.672 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071824.D

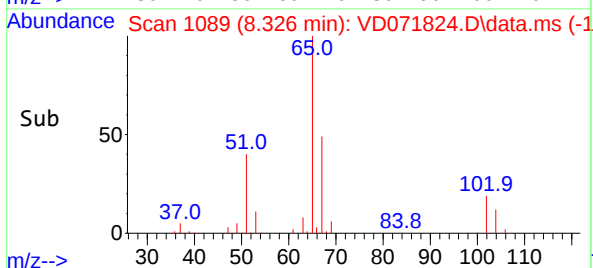
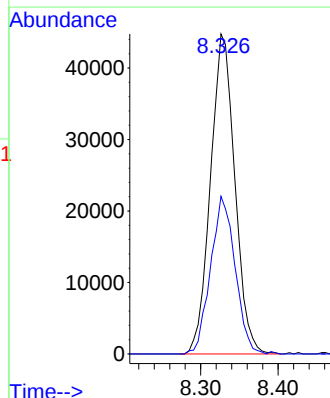
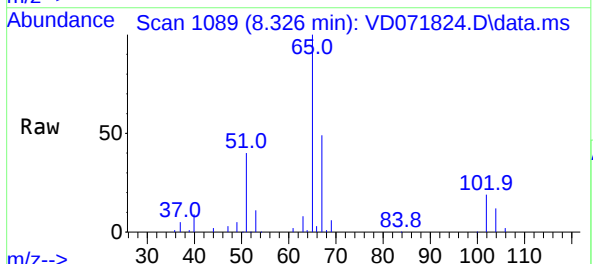
Acq: 28 Jan 2022 15:18

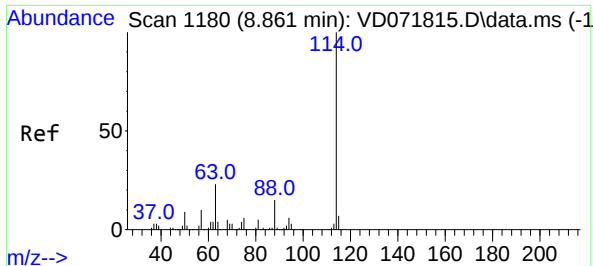
Tgt Ion: 65 Resp: 97900

Ion Ratio Lower Upper

65 100

67 49.4 0.0 101.4

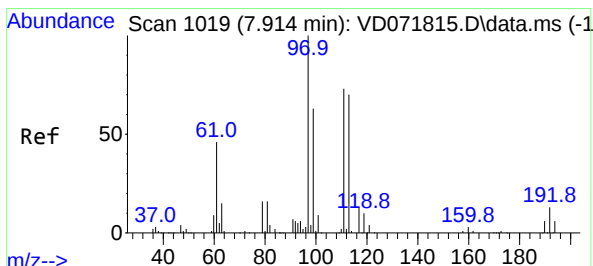
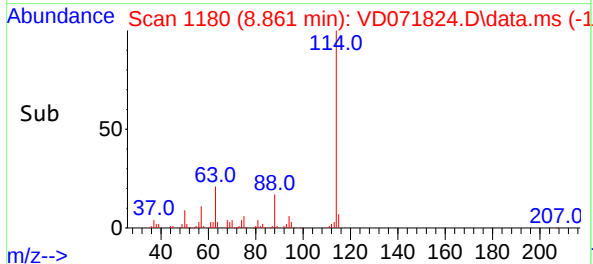
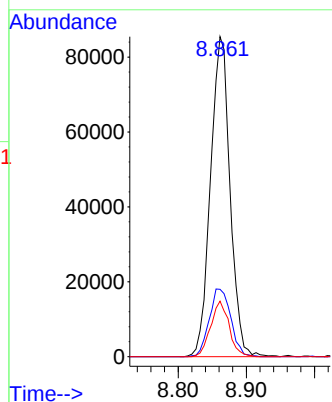
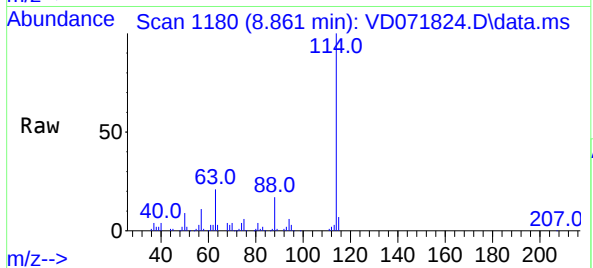




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071824.D
Acq: 28 Jan 2022 15:18

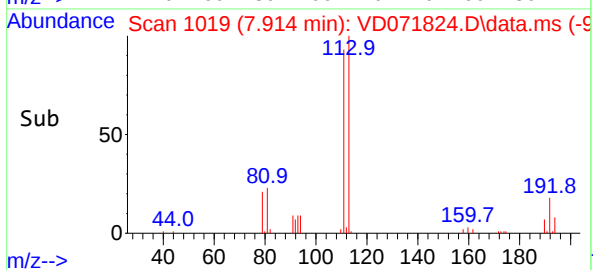
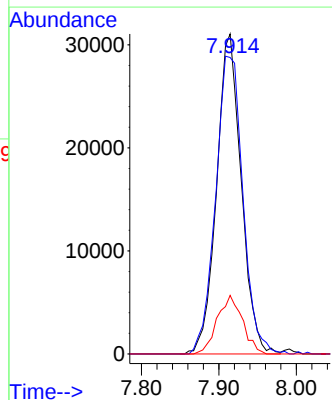
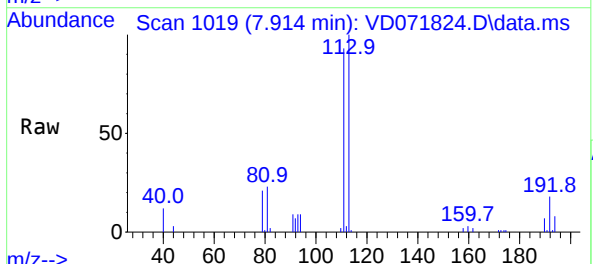
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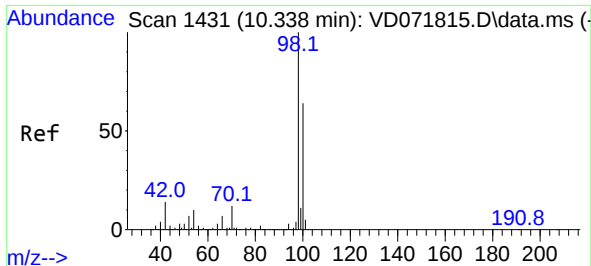
Tgt Ion:	114	Resp:	170412
Ion Ratio	Lower	Upper	
114	100		
63	21.1	0.0	46.6
88	17.4	0.0	33.2



#35
Dibromofluoromethane
Concen: 61.308 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071824.D
Acq: 28 Jan 2022 15:18

Tgt Ion:	113	Resp:	68675
Ion Ratio	Lower	Upper	
113	100		
111	103.1	83.8	125.6
192	18.7	14.6	21.8

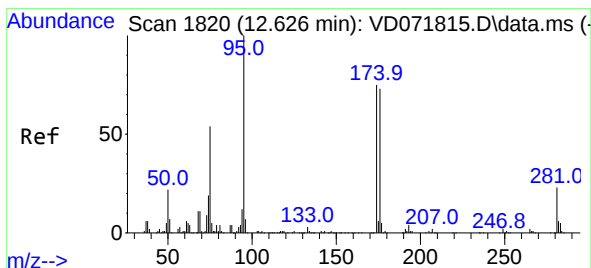
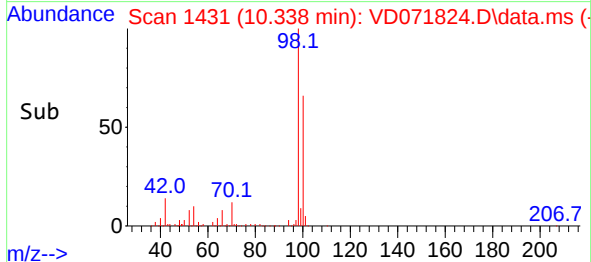
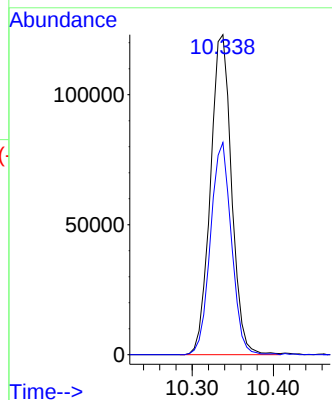
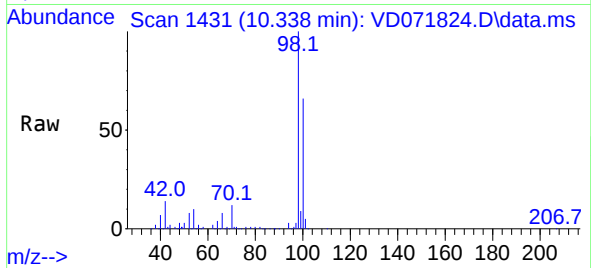




#50
Toluene-d8
Concen: 53.231 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071824.D
Acq: 28 Jan 2022 15:18

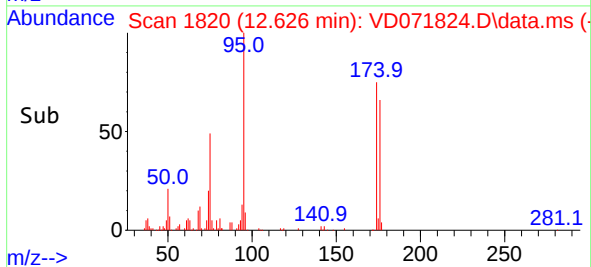
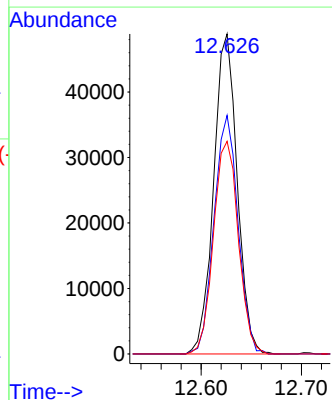
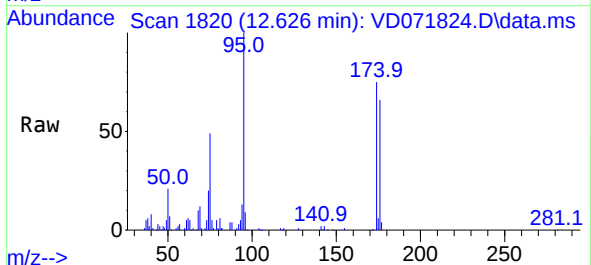
Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE

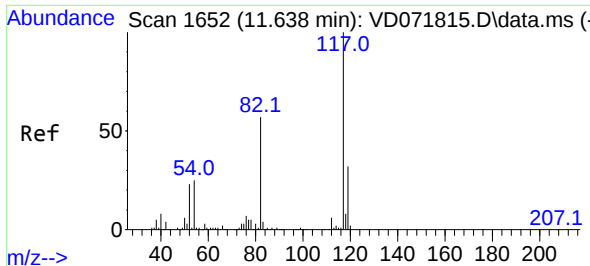
Tgt Ion: 98 Resp: 222688
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.514 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071824.D
Acq: 28 Jan 2022 15:18

Tgt Ion: 95 Resp: 79640
Ion Ratio Lower Upper
95 100
174 76.1 0.0 152.8
176 70.2 0.0 145.4

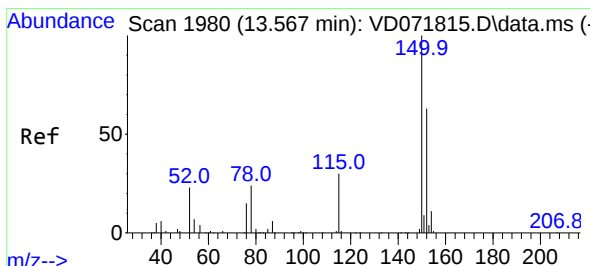
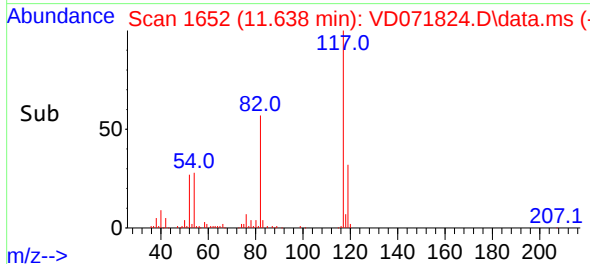
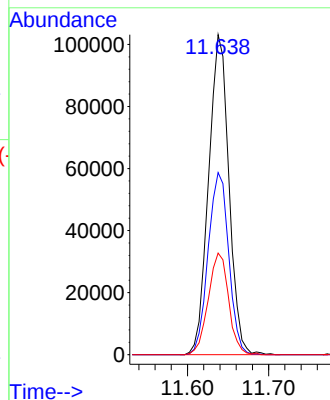
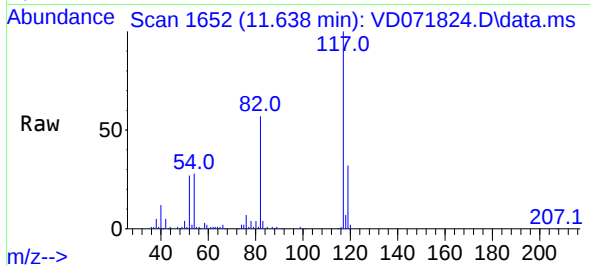




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071824.D
Acq: 28 Jan 2022 15:18

Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE

Tgt Ion:117 Resp: 179212
Ion Ratio Lower Upper
117 100
82 56.9 45.3 67.9
119 31.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071824.D
Acq: 28 Jan 2022 15:18

Tgt Ion:152 Resp: 79932
Ion Ratio Lower Upper
152 100
115 61.4 31.3 93.8
150 157.3 0.0 348.6

