

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020222\
 Data File : VD071878.D
 Acq On : 02 Feb 2022 13:57
 Operator : VA/SY
 Sample : N1356-01
 Misc : 4.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 F-PHC

Quant Time: Feb 03 01:07:21 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	467359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	833113	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	756308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	321189	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	268281	45.416	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.840%
35) Dibromofluoromethane	7.914	113	260667	47.599	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.200%
50) Toluene-d8	10.338	98	1063955	52.022	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.040%
62) 4-Bromofluorobenzene	12.620	95	324322	45.410	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.820%

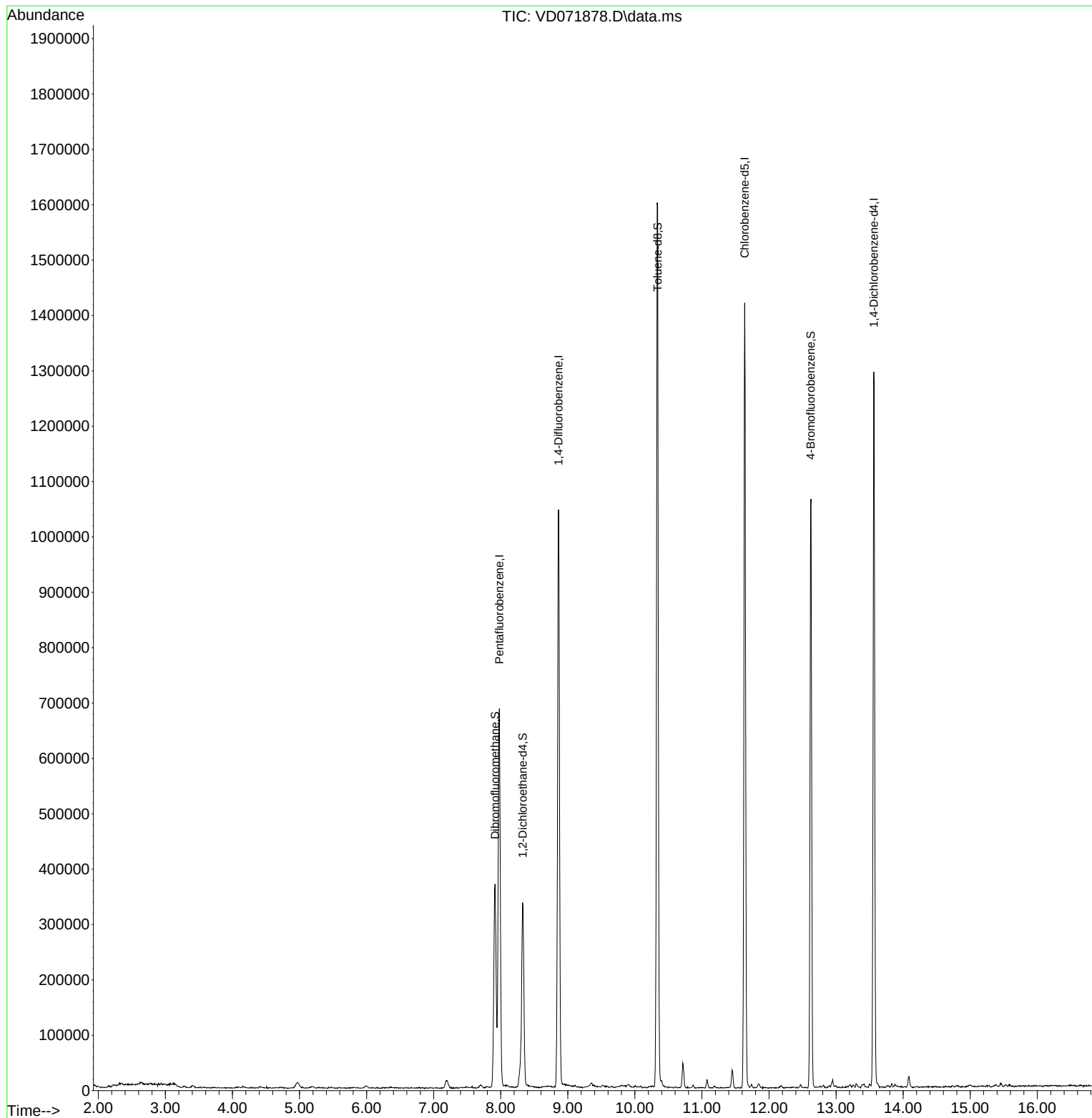
Target Compounds	Qvalue

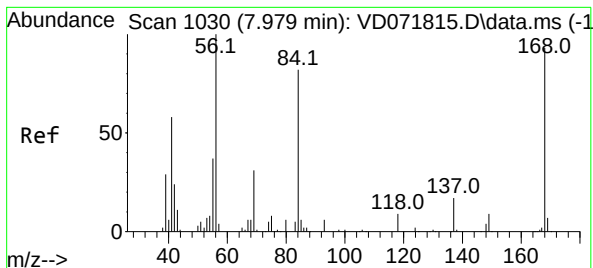
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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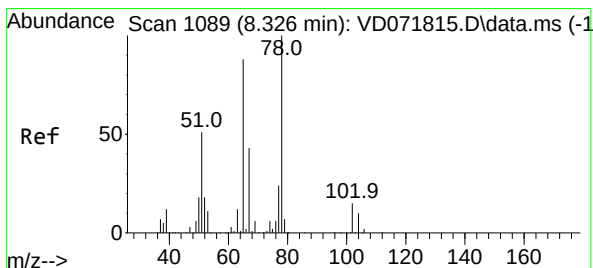
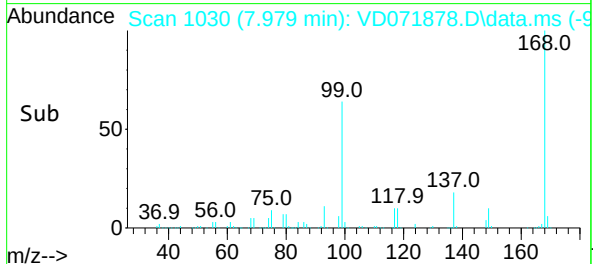
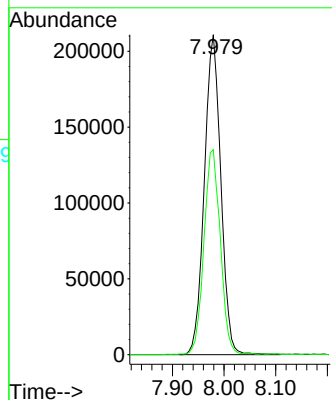
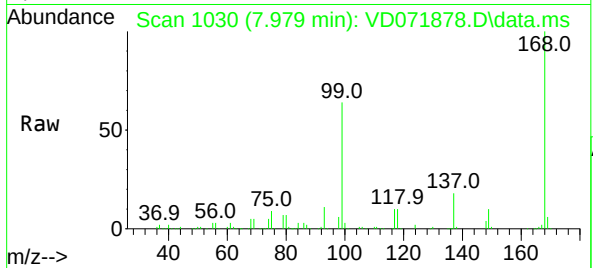




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071878.D
Acq: 02 Feb 2022 13:57

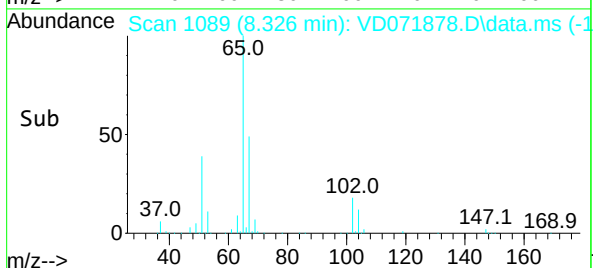
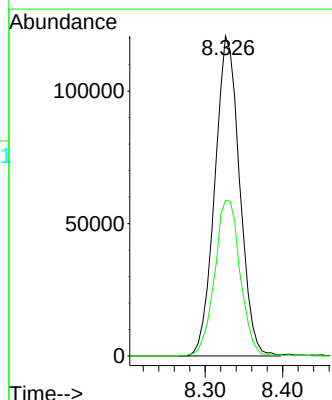
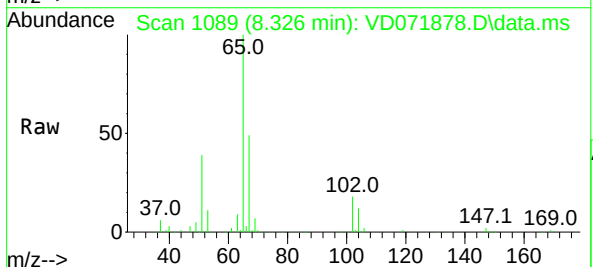
Instrument :
MSVOA_D
ClientSampleId :
F-PHC

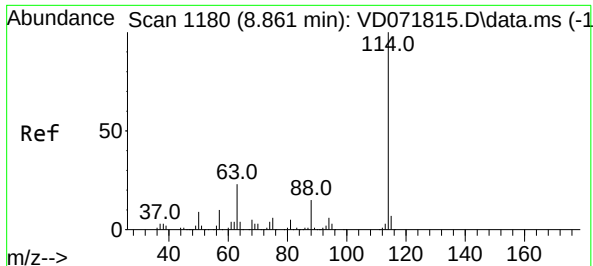
Tgt Ion:168 Resp: 467359
Ion Ratio Lower Upper
168 100
99 63.9 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 45.416 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071878.D
Acq: 02 Feb 2022 13:57

Tgt Ion: 65 Resp: 268281
Ion Ratio Lower Upper
65 100
67 50.2 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: VD071878.D

Acq: 02 Feb 2022 13:57

Instrument :

MSVOA_D

ClientSampleId :

F-PHC

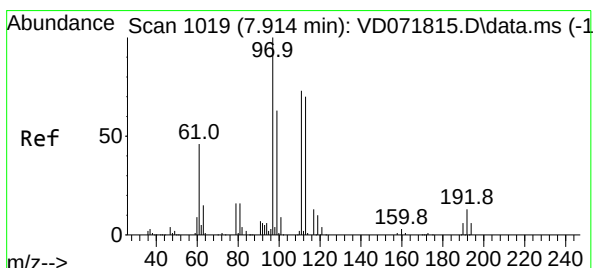
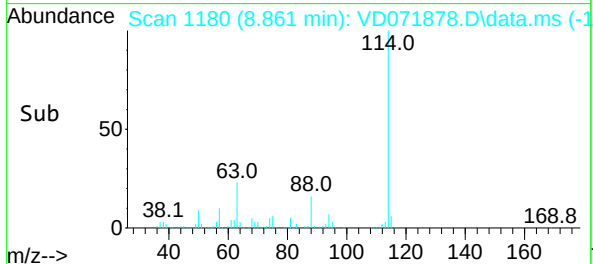
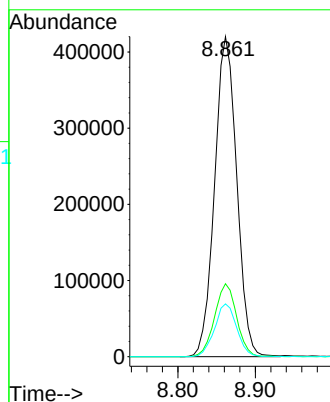
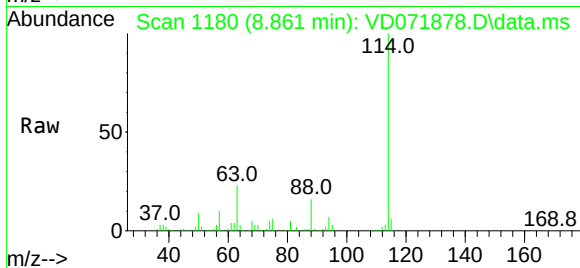
Tgt Ion:114 Resp: 833113

Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.6

88 16.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.599 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071878.D

Acq: 02 Feb 2022 13:57

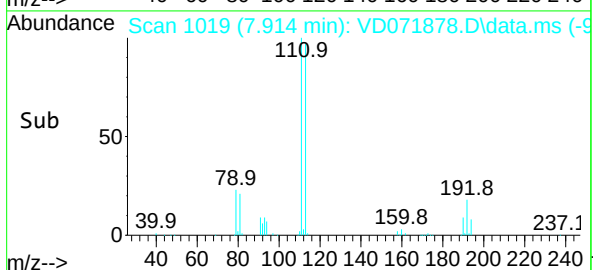
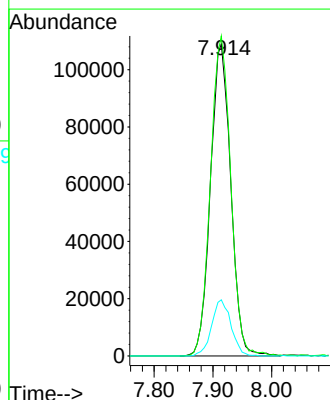
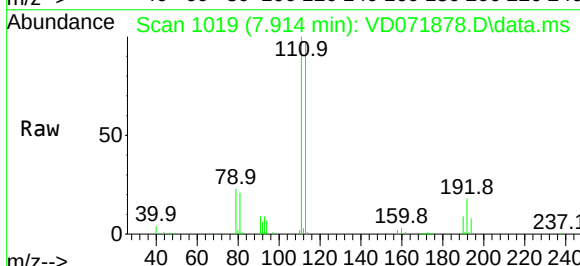
Tgt Ion:113 Resp: 260667

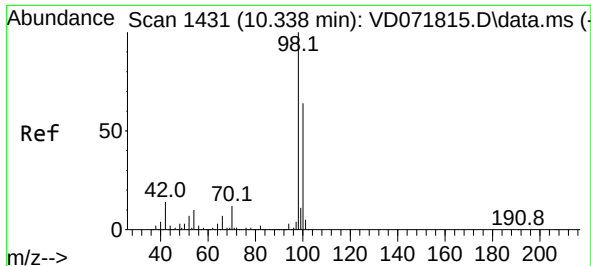
Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 17.3 14.6 21.8

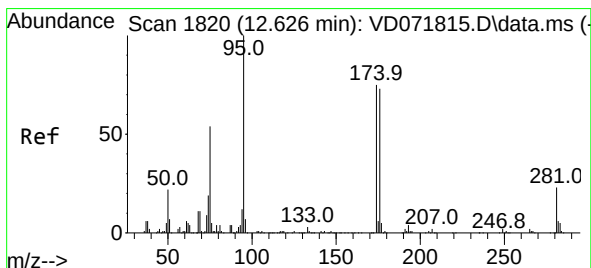
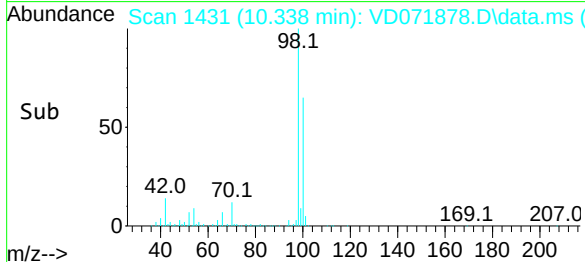
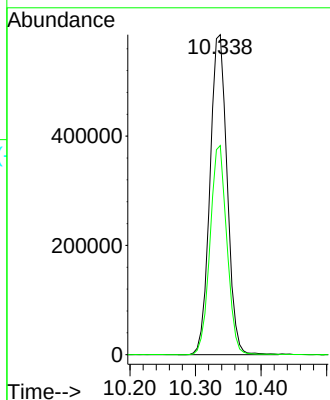
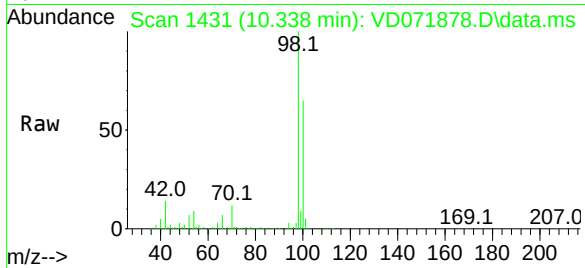




#50
Toluene-d8
Concen: 52.022 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071878.D
Acq: 02 Feb 2022 13:57

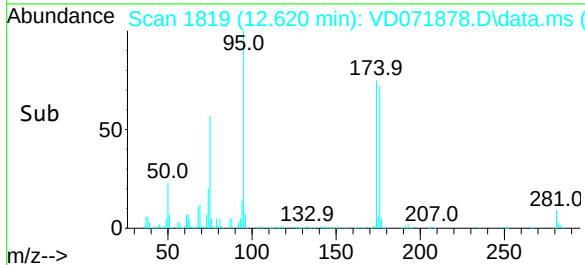
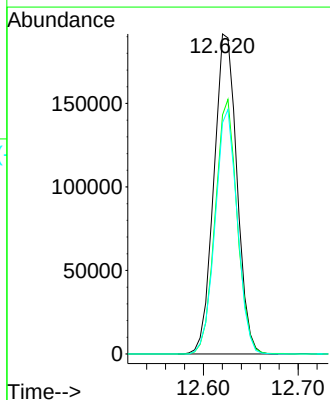
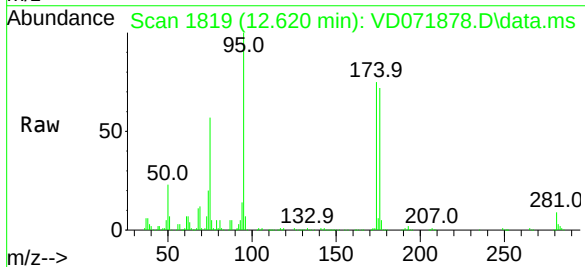
Instrument :
MSVOA_D
ClientSampleId :
F-PHC

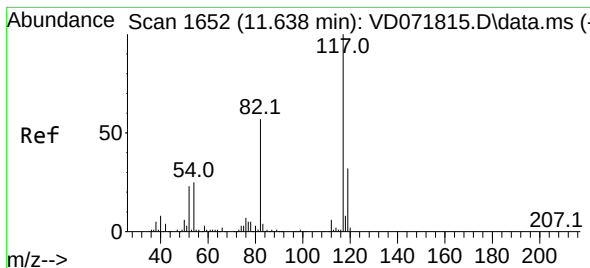
Tgt Ion: 98 Resp: 1063955
Ion Ratio Lower Upper
98 100
100 64.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.410 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071878.D
Acq: 02 Feb 2022 13:57

Tgt Ion: 95 Resp: 324322
Ion Ratio Lower Upper
95 100
174 75.8 0.0 152.8
176 73.2 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD071878.D

Acq: 02 Feb 2022 13:57

Instrument :

MSVOA_D

ClientSampleId :

F-PHC

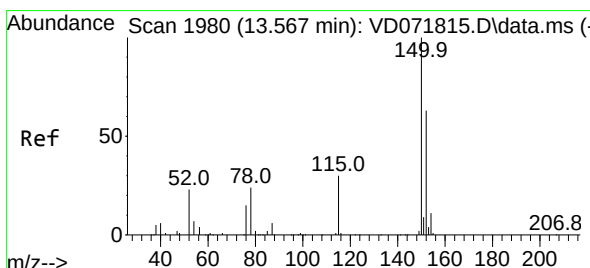
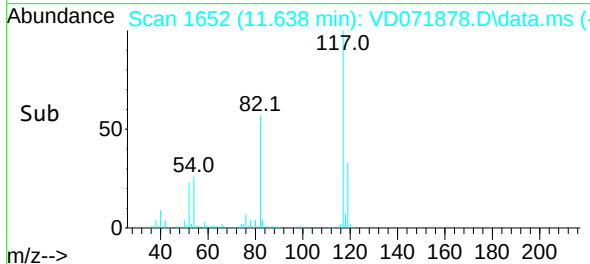
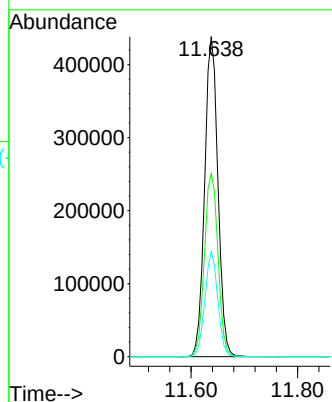
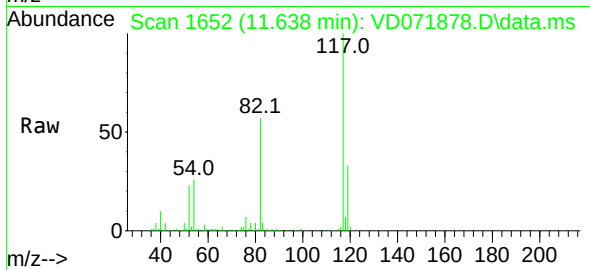
Tgt Ion:117 Resp: 756308

Ion Ratio Lower Upper

117 100

82 57.2 45.3 67.9

119 32.9 26.6 40.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.006 min

Lab File: VD071878.D

Acq: 02 Feb 2022 13:57

Tgt Ion:152 Resp: 321189

Ion Ratio Lower Upper

152 100

115 60.5 31.3 93.8

150 156.4 0.0 348.6

