

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020222\
 Data File : VD071880.D
 Acq On : 02 Feb 2022 14:53
 Operator : VA/SY
 Sample : N1356-05
 Misc : 5.45G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-PHC

Quant Time: Feb 03 01:07:48 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	434586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	793919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	742089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	318808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	282908	51.504	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.000%	
35) Dibromofluoromethane	7.914	113	263209	50.436	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.880%	
50) Toluene-d8	10.338	98	1014631	52.059	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.120%	
62) 4-Bromofluorobenzene	12.626	95	322008	47.311	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.620%	

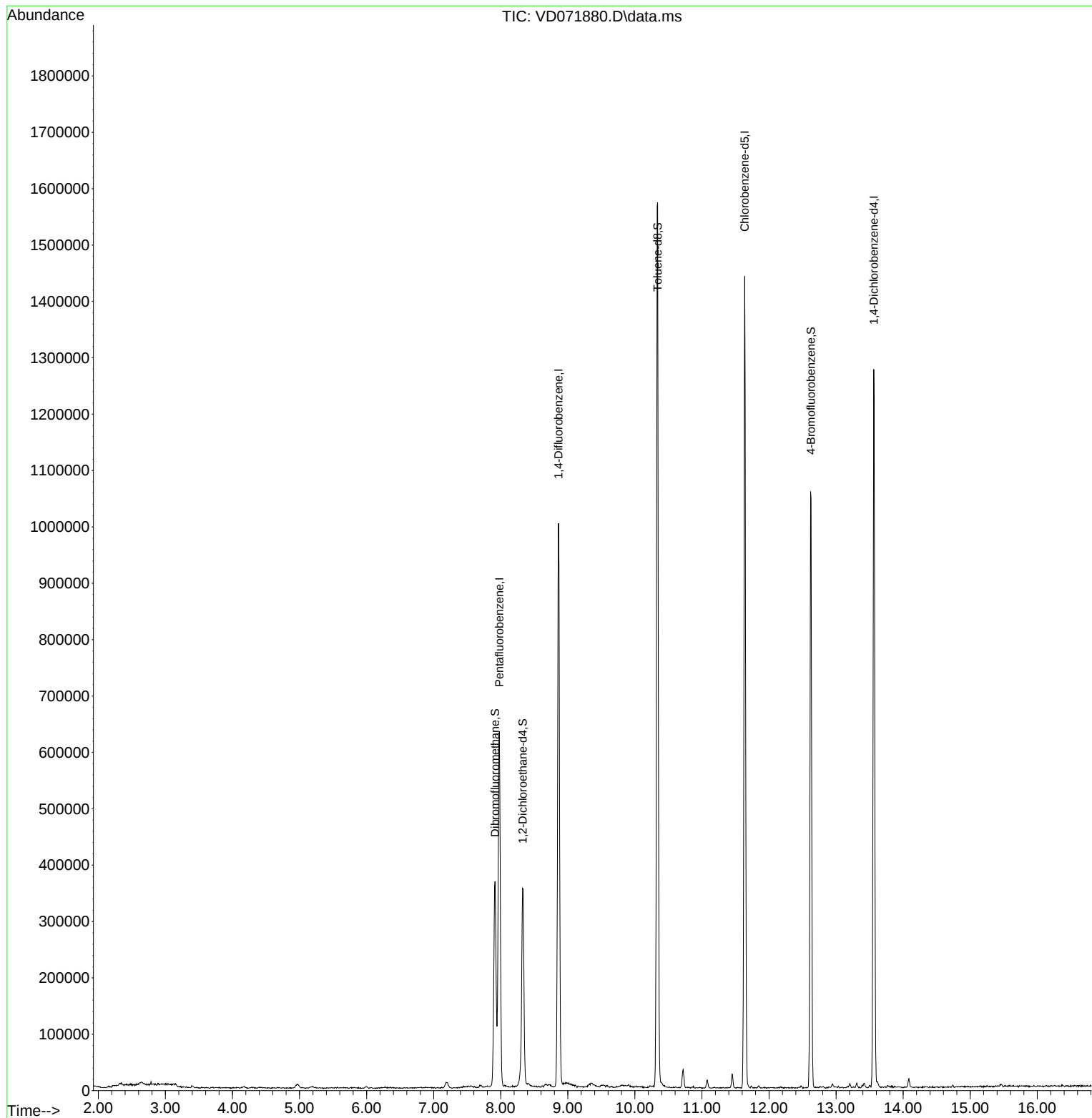
Target Compounds	Qvalue

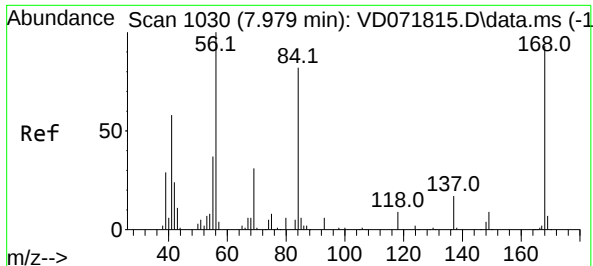
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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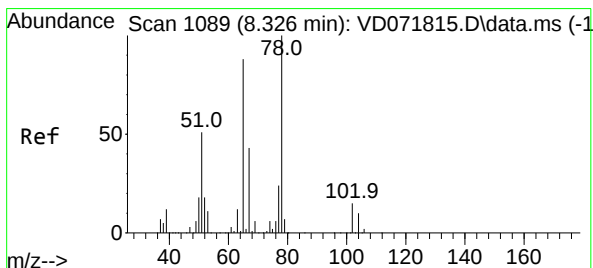
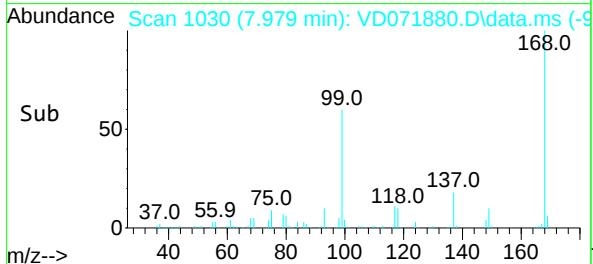
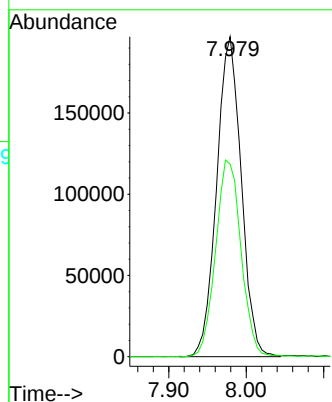
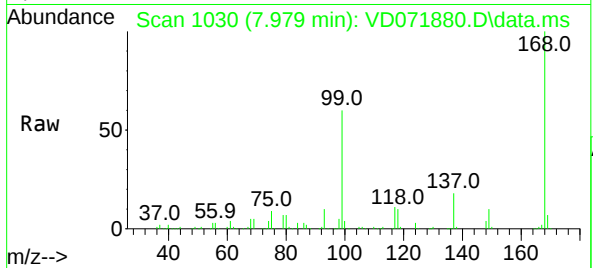




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071880.D
Acq: 02 Feb 2022 14:53

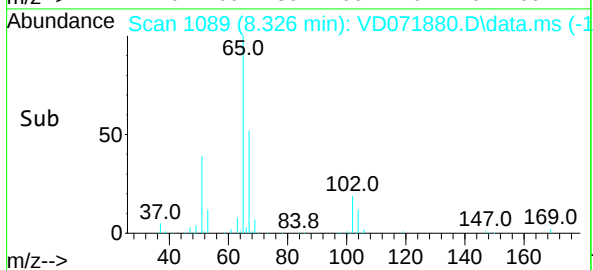
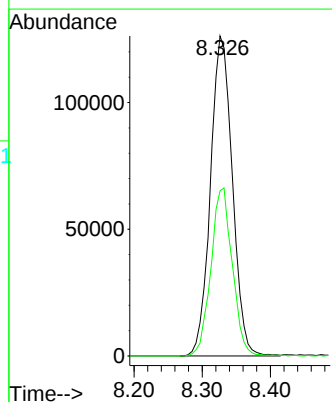
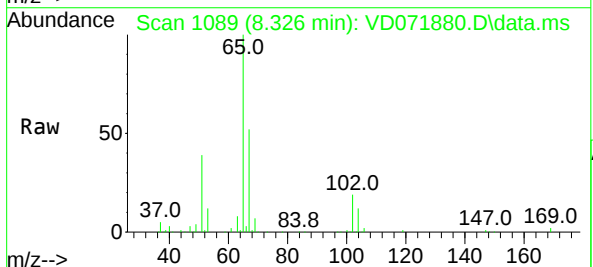
Instrument :
MSVOA_D
ClientSampleId :
B-PHC

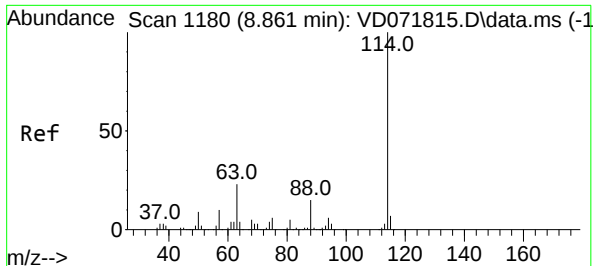
Tgt Ion:168 Resp: 434586
Ion Ratio Lower Upper
168 100
99 60.0 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 51.504 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071880.D
Acq: 02 Feb 2022 14:53

Tgt Ion: 65 Resp: 282908
Ion Ratio Lower Upper
65 100
67 51.1 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: VD071880.D

Acq: 02 Feb 2022 14:53

Instrument :

MSVOA_D

ClientSampleId :

B-PHC

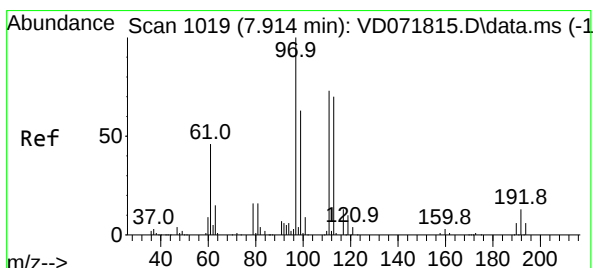
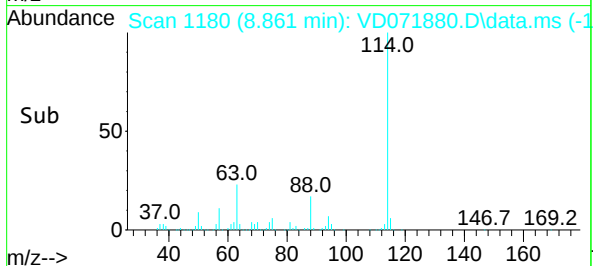
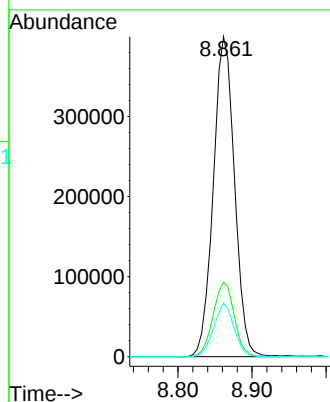
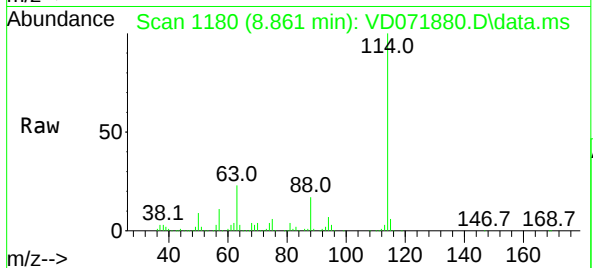
Tgt Ion:114 Resp: 793919

Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.6

88 16.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.436 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071880.D

Acq: 02 Feb 2022 14:53

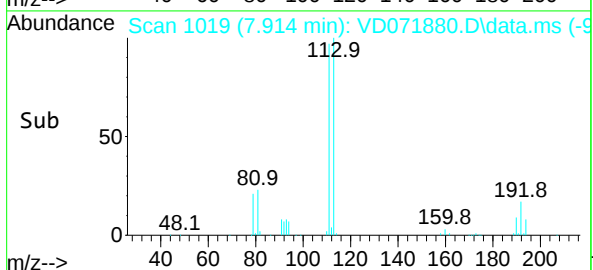
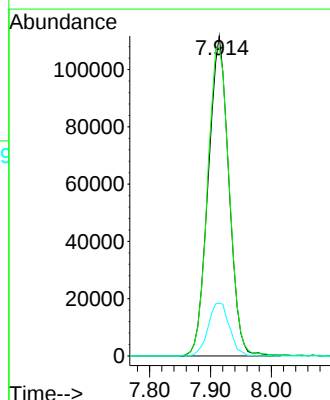
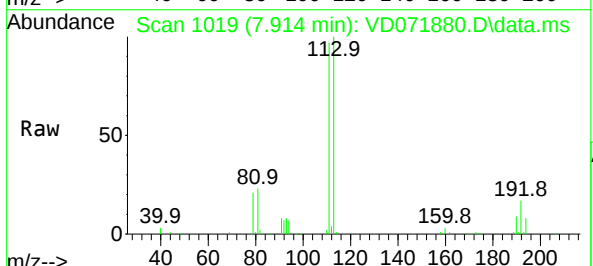
Tgt Ion:113 Resp: 263209

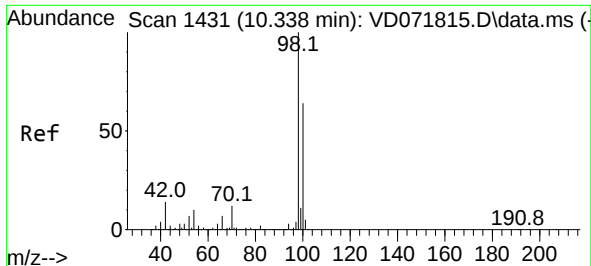
Ion Ratio Lower Upper

113 100

111 101.3 83.8 125.6

192 17.1 14.6 21.8

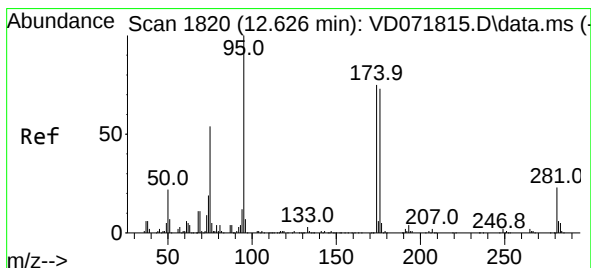
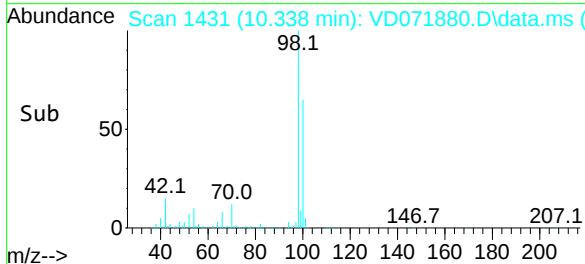
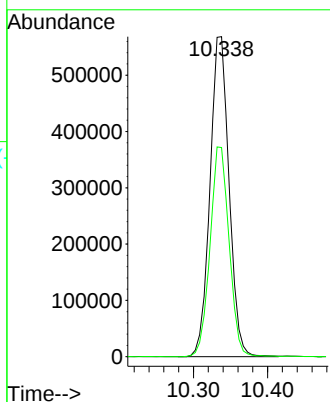
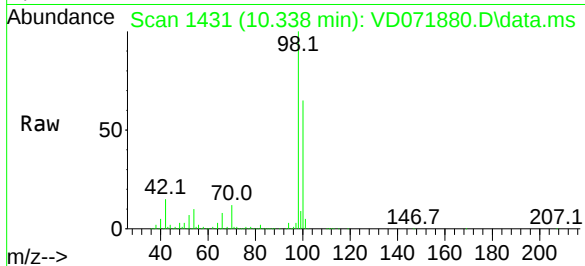




#50
Toluene-d8
Concen: 52.059 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071880.D
Acq: 02 Feb 2022 14:53

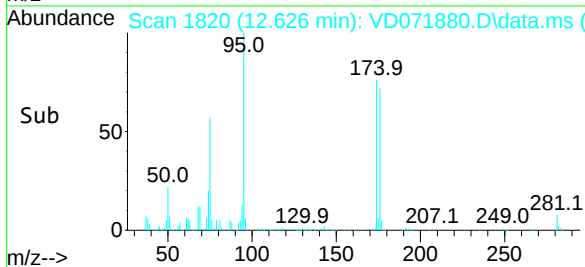
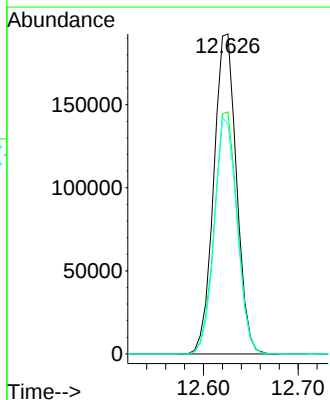
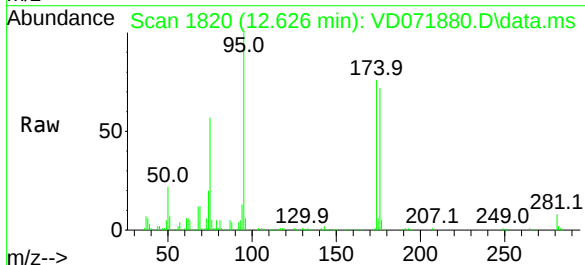
Instrument :
MSVOA_D
ClientSampleId :
B-PHC

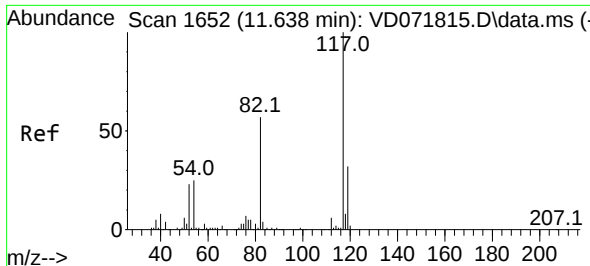
Tgt Ion: 98 Resp: 1014631
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.311 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071880.D
Acq: 02 Feb 2022 14:53

Tgt Ion: 95 Resp: 322008
Ion Ratio Lower Upper
95 100
174 76.4 0.0 152.8
176 73.7 0.0 145.4

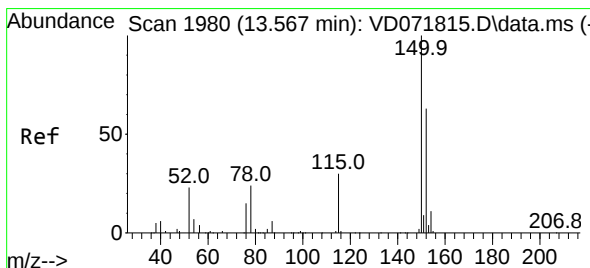
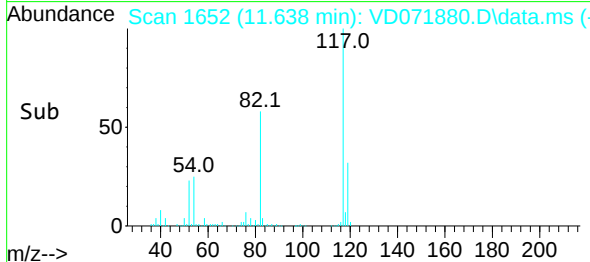
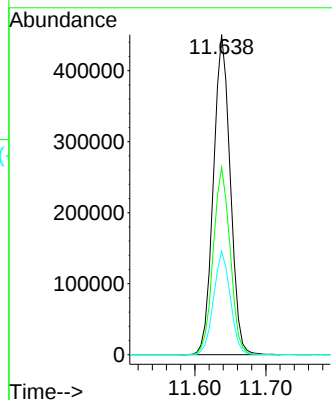
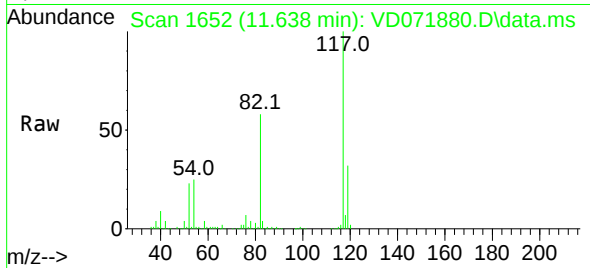




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD071880.D
Acq: 02 Feb 2022 14:53

Instrument :
MSVOA_D
ClientSampleId :
B-PHC

Tgt Ion:117 Resp: 742089
Ion Ratio Lower Upper
117 100
82 58.5 45.3 67.9
119 32.3 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: VD071880.D
Acq: 02 Feb 2022 14:53

Tgt Ion:152 Resp: 318808
Ion Ratio Lower Upper
152 100
115 61.7 31.3 93.8
150 157.6 0.0 348.6

