

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020822\
 Data File : VD071912.D
 Acq On : 08 Feb 2022 12:29
 Operator : VA/SY
 Sample : N1423-02
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-21

Quant Time: Feb 09 03:49:54 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	23569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	43017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	42849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	19462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	24440	82.041	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 164.080%#	
35) Dibromofluoromethane	7.908	113	15567	55.053	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.100%	
50) Toluene-d8	10.338	98	51522	48.789	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.580%	
62) 4-Bromofluorobenzene	12.620	95	18467	50.076	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.160%	

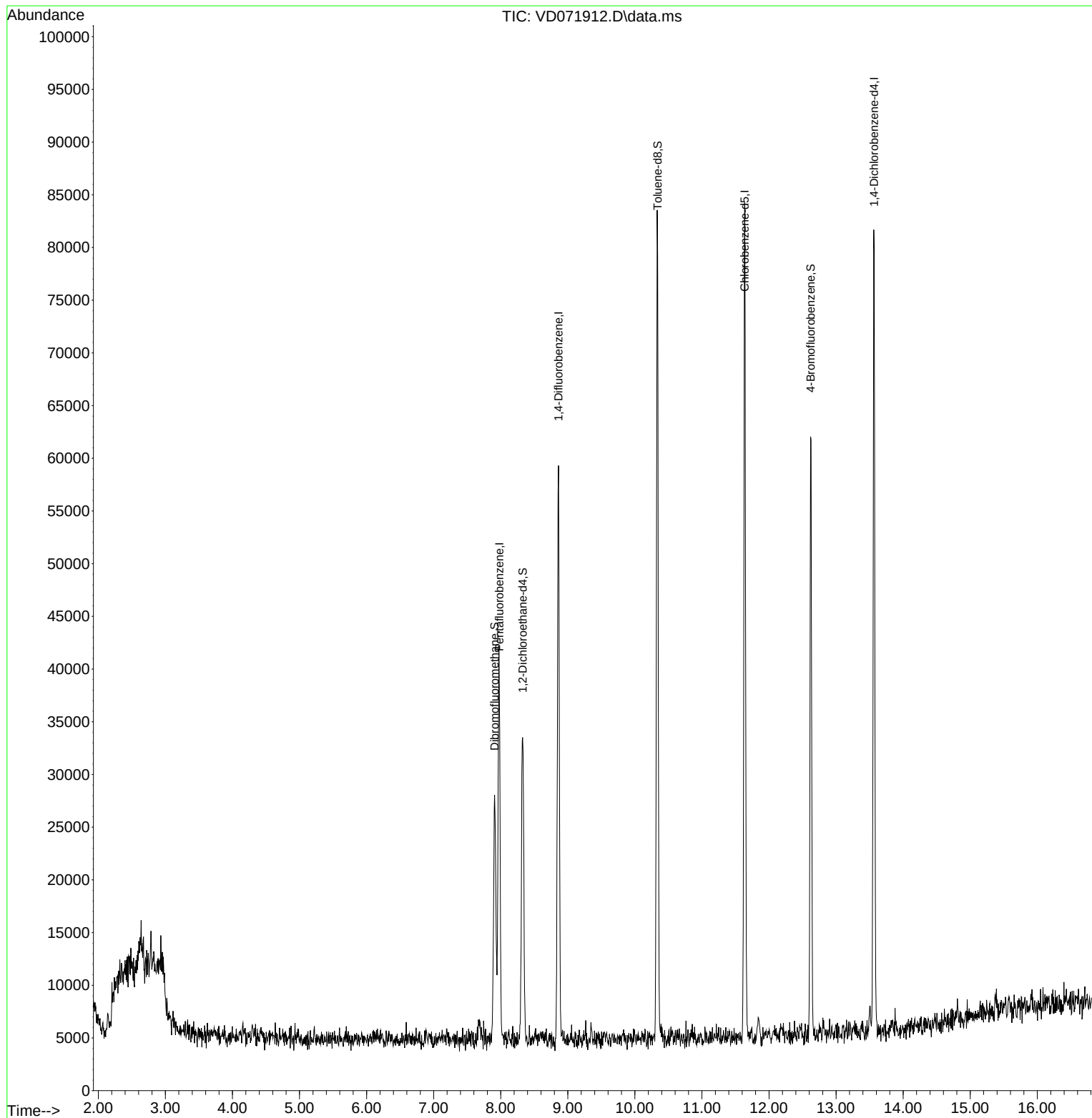
Target Compounds	Qvalue

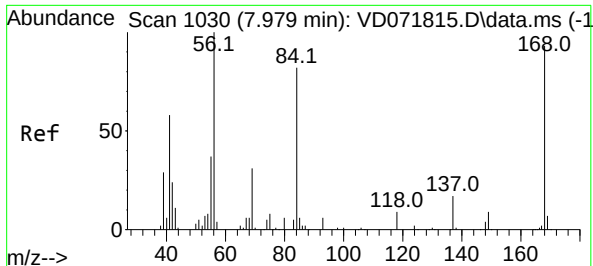
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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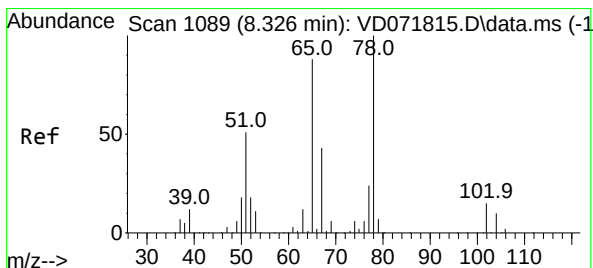
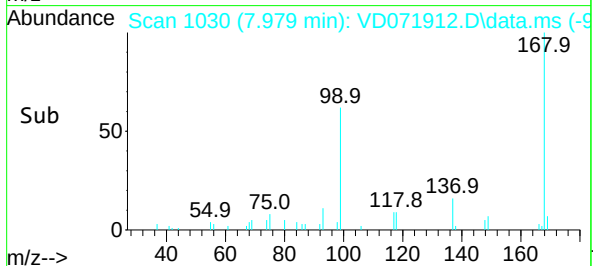
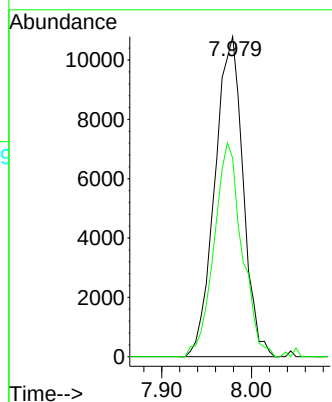
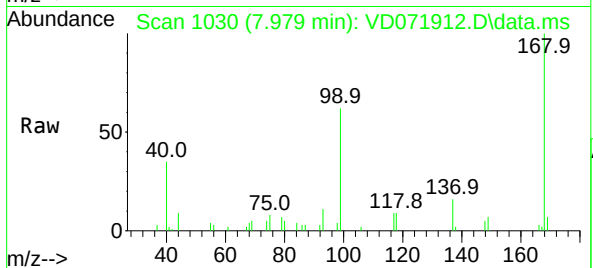




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071912.D
Acq: 08 Feb 2022 12:29

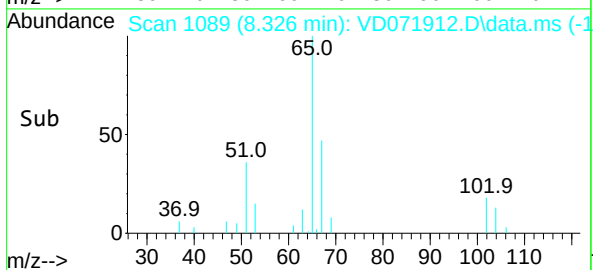
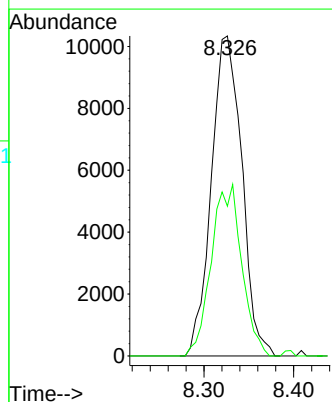
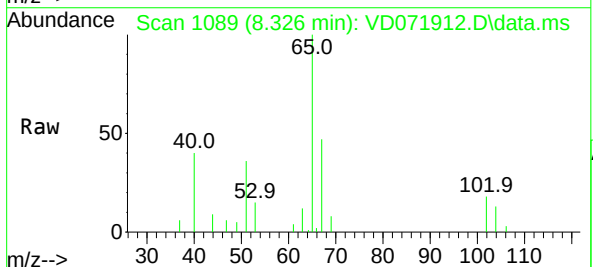
Instrument :
MSVOA_D
ClientSampleId :
TP-21

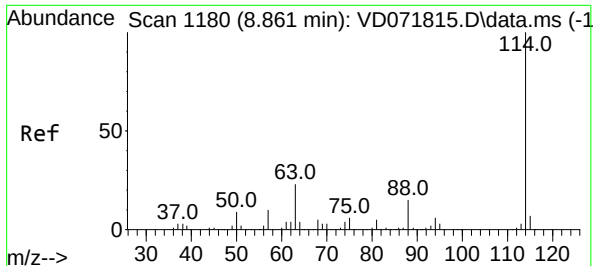
Tgt Ion:168 Resp: 23569
Ion Ratio Lower Upper
168 100
99 62.0 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 82.041 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071912.D
Acq: 08 Feb 2022 12:29

Tgt Ion: 65 Resp: 24440
Ion Ratio Lower Upper
65 100
67 53.3 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: VD071912.D

Acq: 08 Feb 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

TP-21

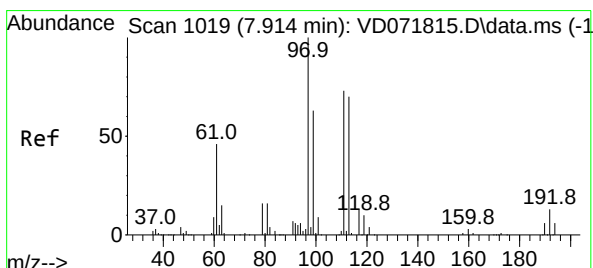
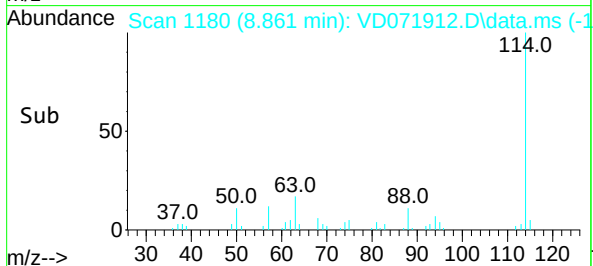
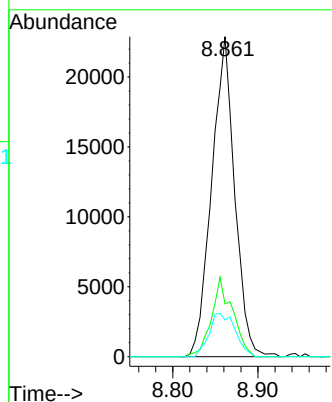
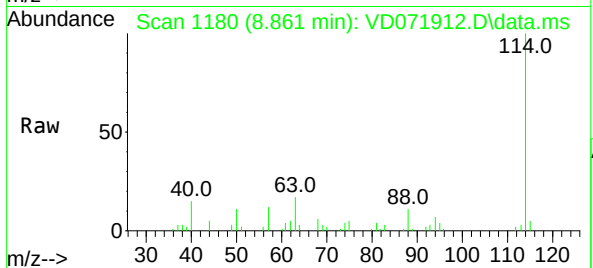
Tgt Ion:114 Resp: 43017

Ion Ratio Lower Upper

114 100

63 16.5 0.0 46.6

88 11.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 55.053 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD071912.D

Acq: 08 Feb 2022 12:29

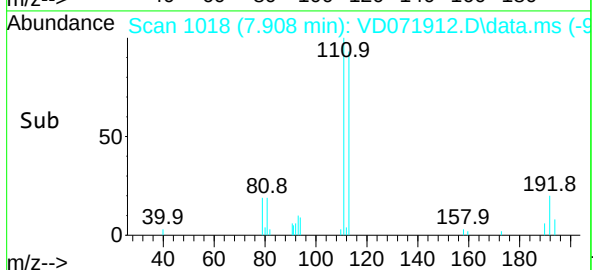
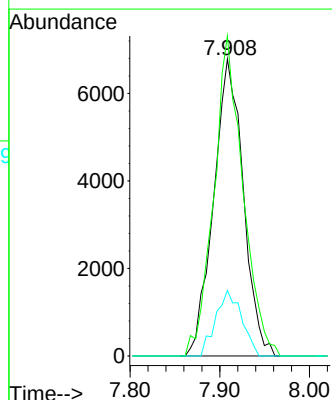
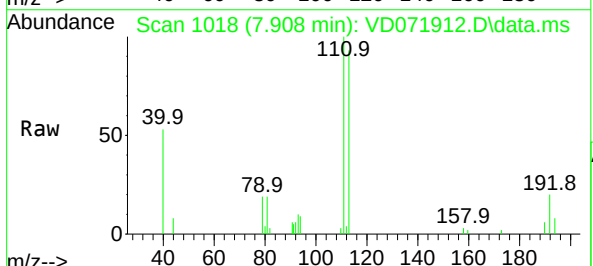
Tgt Ion:113 Resp: 15567

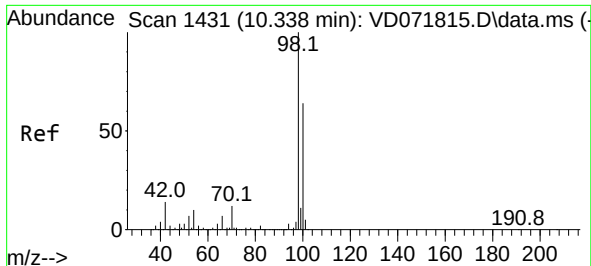
Ion Ratio Lower Upper

113 100

111 105.8 83.8 125.6

192 19.2 14.6 21.8

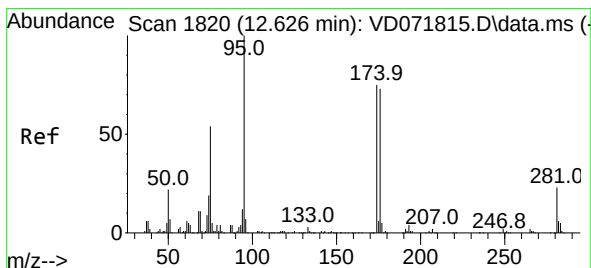
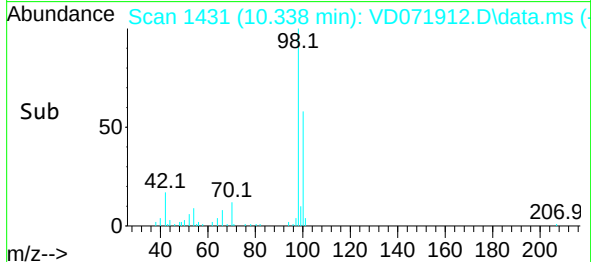
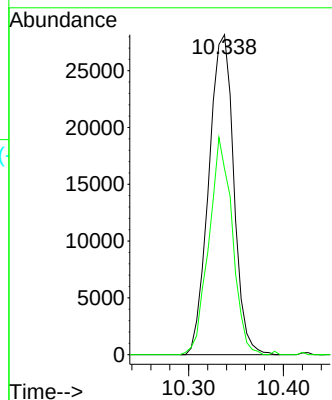
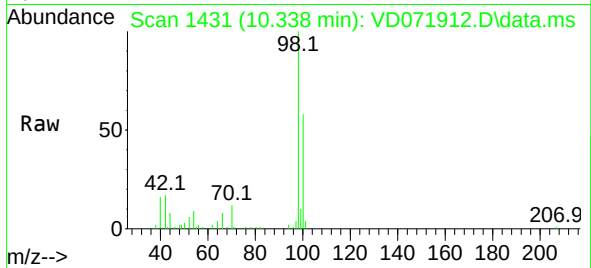




#50
Toluene-d8
Concen: 48.789 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071912.D
Acq: 08 Feb 2022 12:29

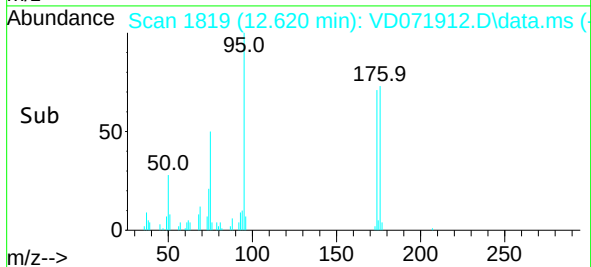
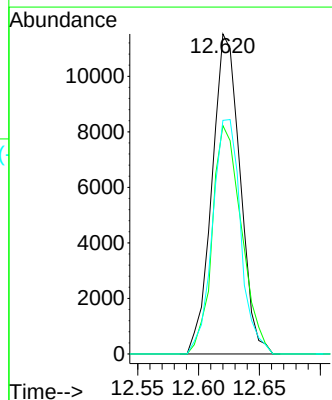
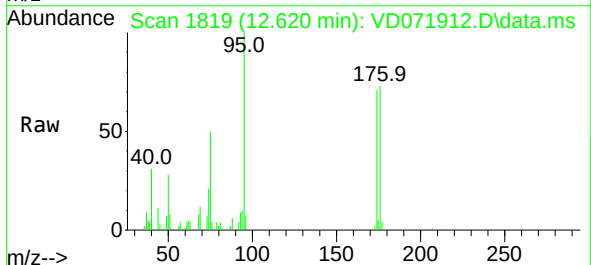
Instrument :
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TP-21

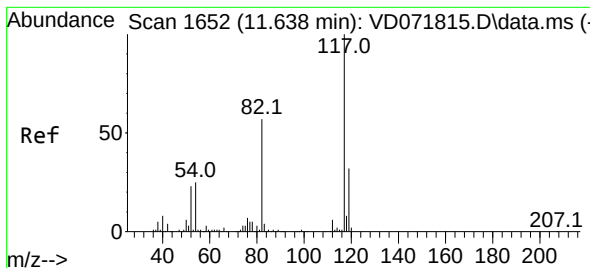
Tgt Ion: 98 Resp: 51522
Ion Ratio Lower Upper
98 100
100 63.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.076 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071912.D
Acq: 08 Feb 2022 12:29

Tgt Ion: 95 Resp: 18467
Ion Ratio Lower Upper
95 100
174 74.2 0.0 152.8
176 73.6 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD071912.D

Acq: 08 Feb 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

TP-21

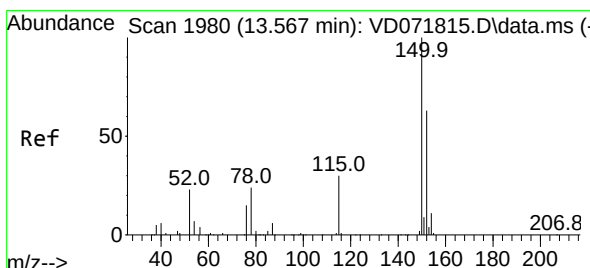
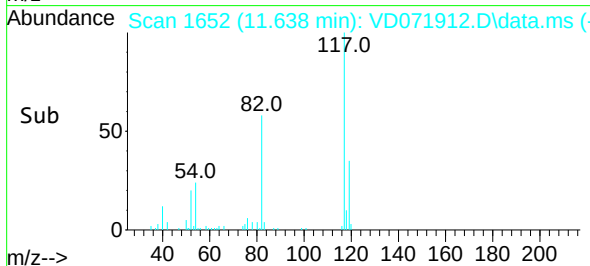
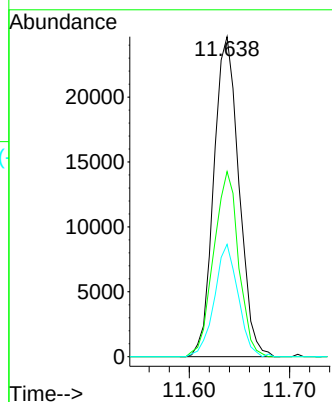
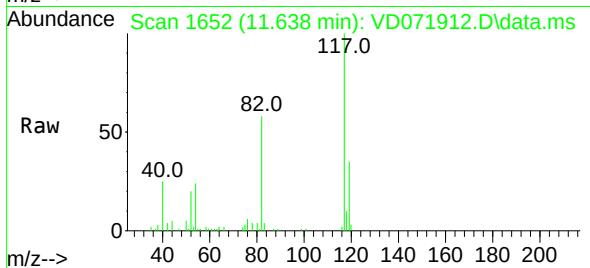
Tgt Ion:117 Resp: 42849

Ion Ratio Lower Upper

117 100

82 57.9 45.3 67.9

119 35.1 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: VD071912.D

Acq: 08 Feb 2022 12:29

Tgt Ion:152 Resp: 19462

Ion Ratio Lower Upper

152 100

115 57.7 31.3 93.8

150 153.8 0.0 348.6

