

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020822\
 Data File : VD071915.D
 Acq On : 08 Feb 2022 13:55
 Operator : VA/SY
 Sample : N1423-08
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-24

Quant Time: Feb 09 03:50:56 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	326461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	626287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	612706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	270846	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	251231	60.885	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.780%
35) Dibromofluoromethane	7.914	113	219016	53.201	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.400%
50) Toluene-d8	10.338	98	799522	52.002	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.000%
62) 4-Bromofluorobenzene	12.626	95	264478	49.260	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.520%

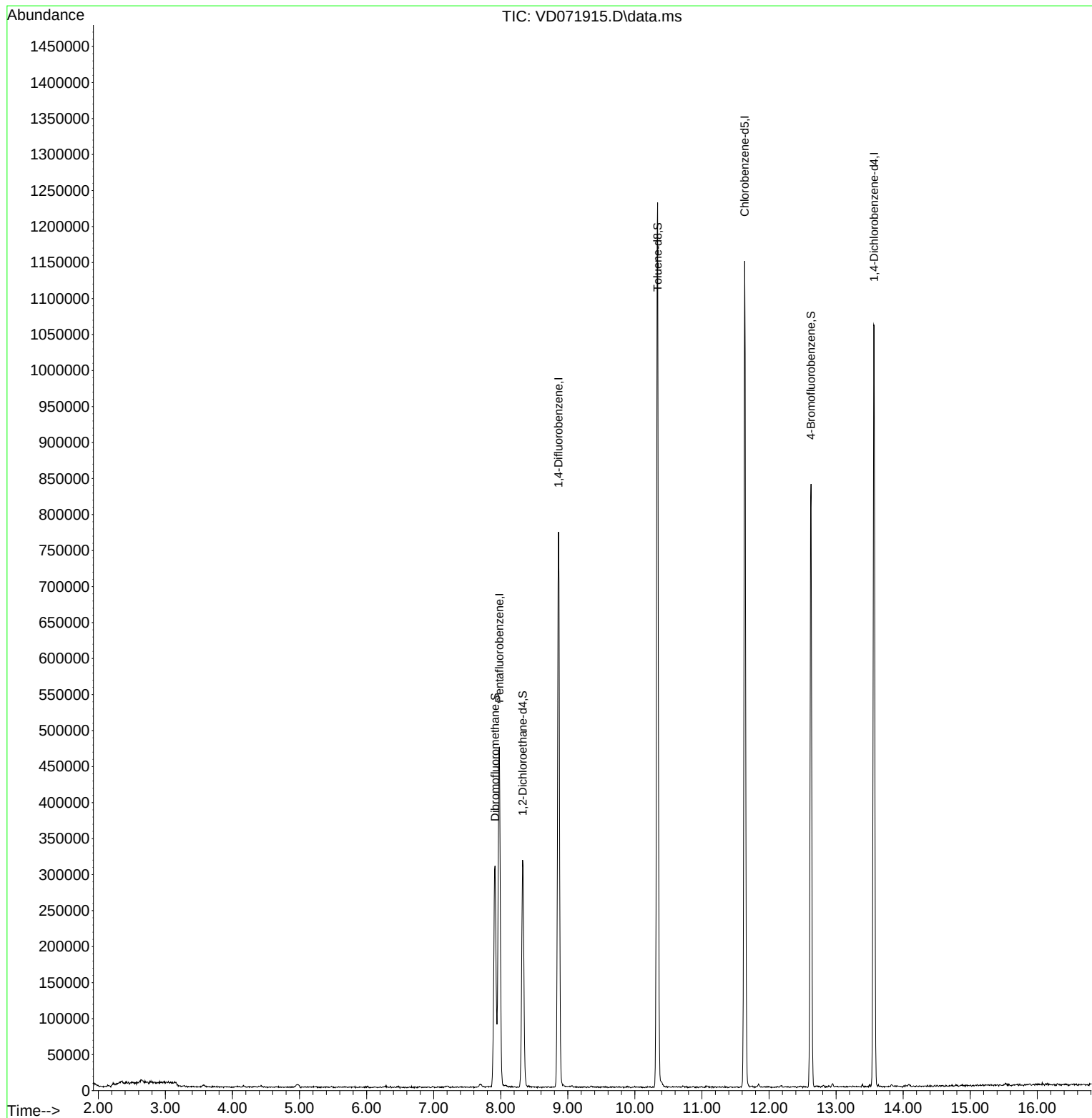
Target Compounds	Qvalue

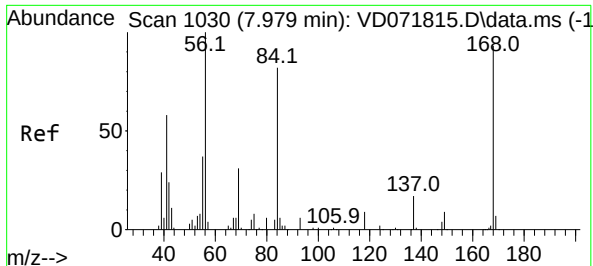
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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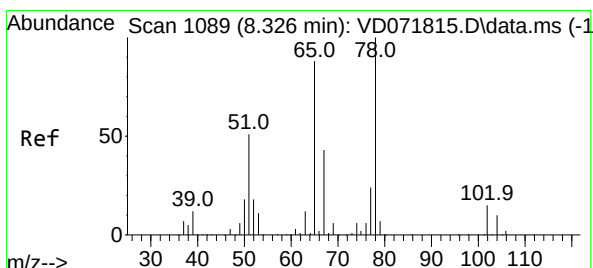
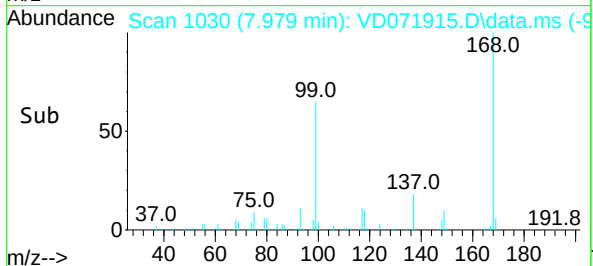
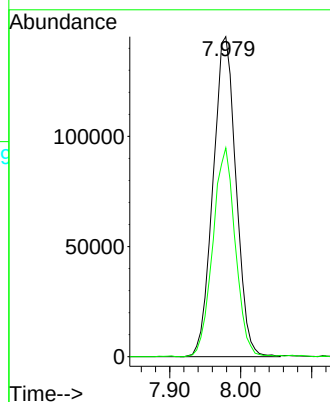
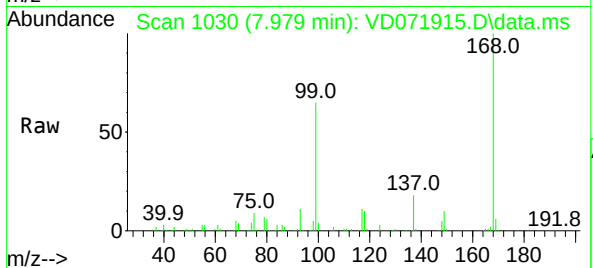




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071915.D
Acq: 08 Feb 2022 13:55

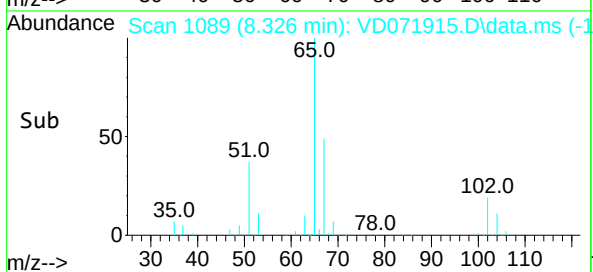
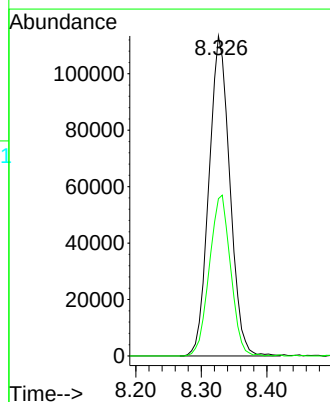
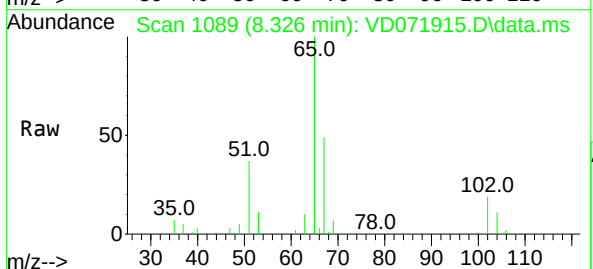
Instrument :
MSVOA_D
ClientSampleId :
TP-24

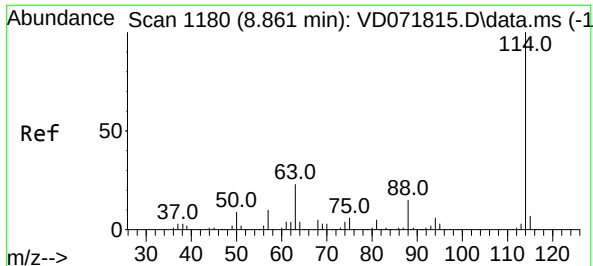
Tgt Ion:168 Resp: 326461
Ion Ratio Lower Upper
168 100
99 65.3 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 60.885 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071915.D
Acq: 08 Feb 2022 13:55

Tgt Ion: 65 Resp: 251231
Ion Ratio Lower Upper
65 100
67 51.0 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: VD071915.D

Acq: 08 Feb 2022 13:55

Instrument :

MSVOA_D

ClientSampleId :

TP-24

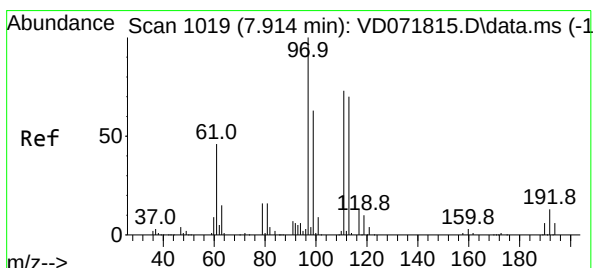
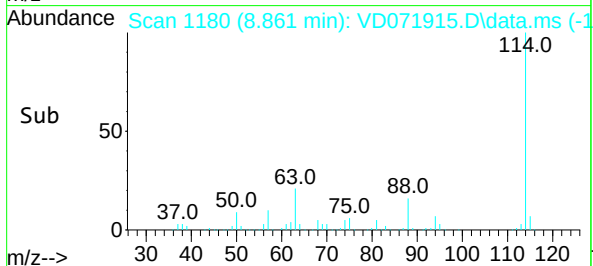
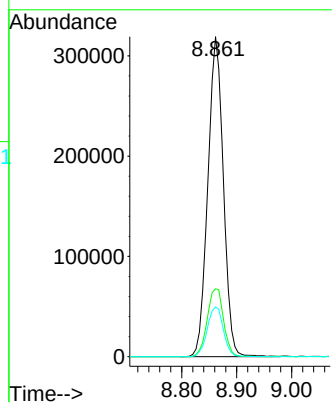
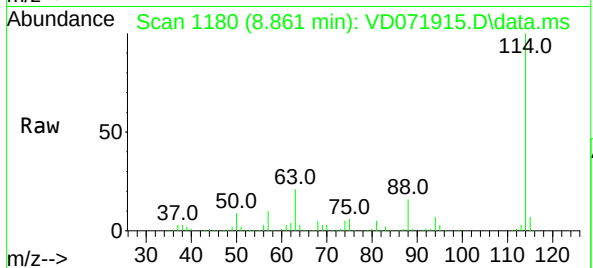
Tgt Ion:114 Resp: 626287

Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

88 15.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 53.201 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071915.D

Acq: 08 Feb 2022 13:55

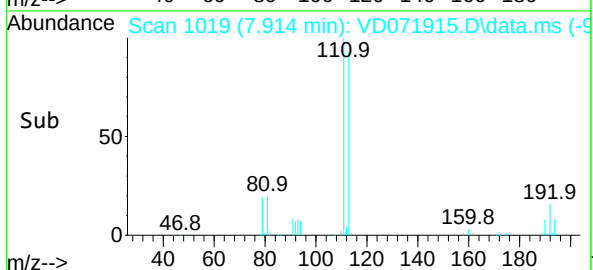
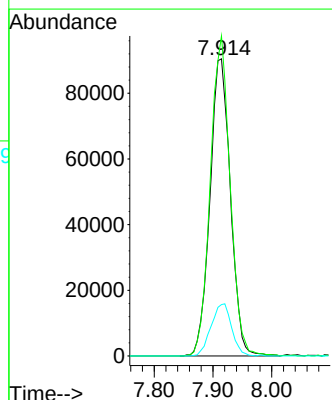
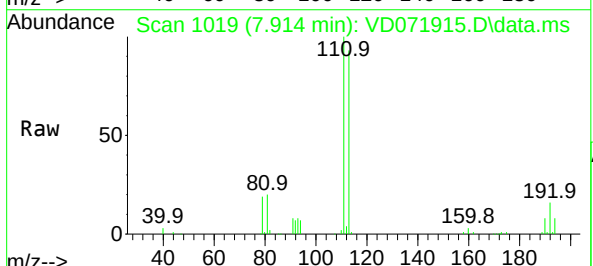
Tgt Ion:113 Resp: 219016

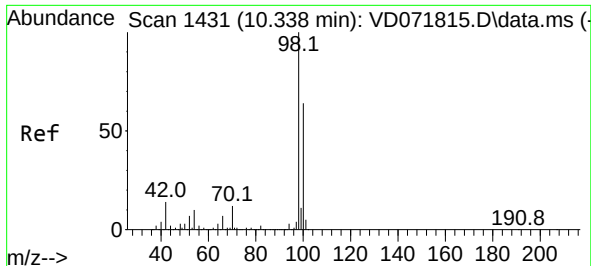
Ion Ratio Lower Upper

113 100

111 104.4 83.8 125.6

192 17.6 14.6 21.8

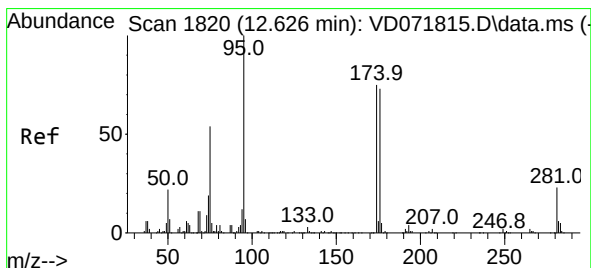
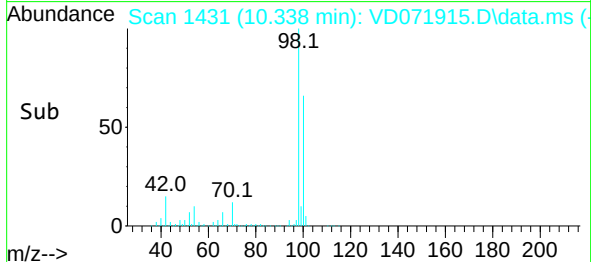
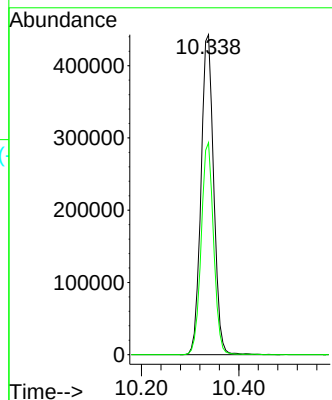
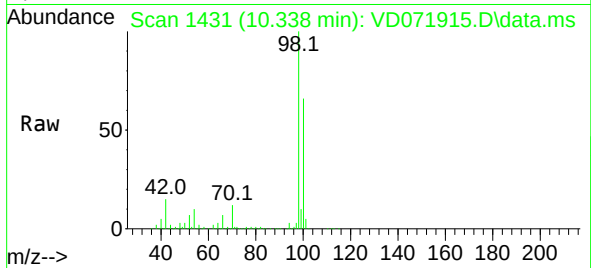




#50
Toluene-d8
Concen: 52.002 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071915.D
Acq: 08 Feb 2022 13:55

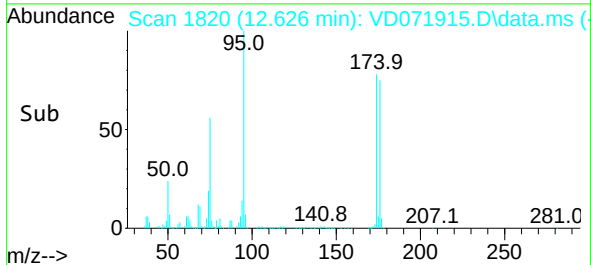
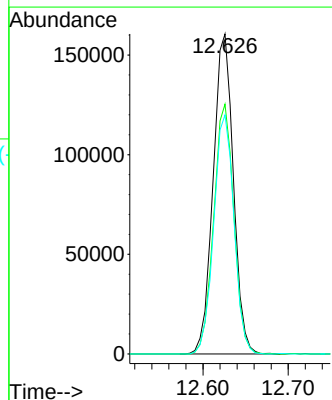
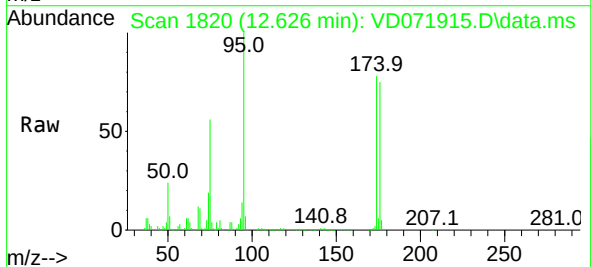
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TP-24

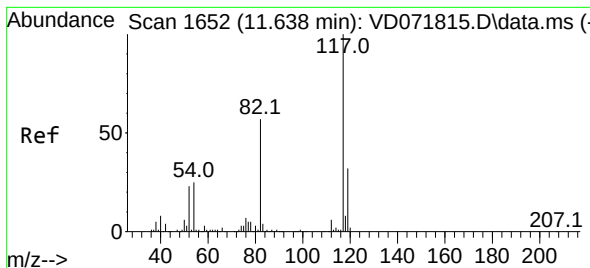
Tgt Ion: 98 Resp: 799522
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.260 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071915.D
Acq: 08 Feb 2022 13:55

Tgt Ion: 95 Resp: 264478
Ion Ratio Lower Upper
95 100
174 77.9 0.0 152.8
176 74.7 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: VD071915.D

Acq: 08 Feb 2022 13:55

Instrument :

MSVOA_D

ClientSampleId :

TP-24

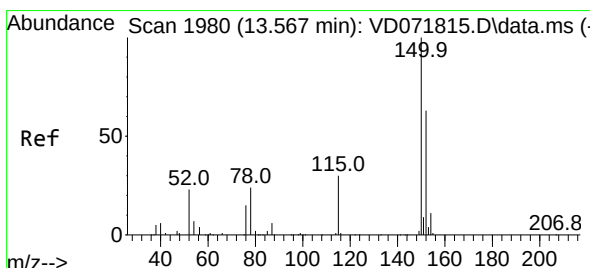
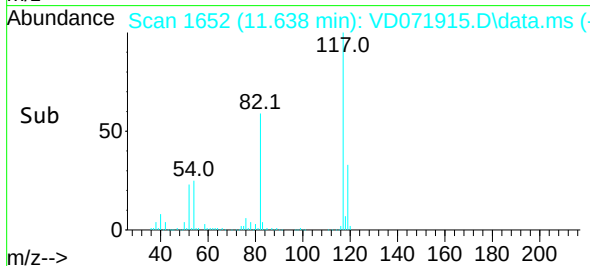
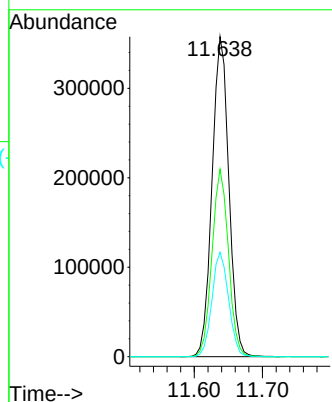
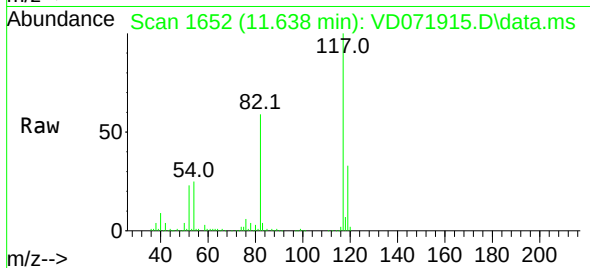
Tgt Ion:117 Resp: 612706

Ion Ratio Lower Upper

117 100

82 58.6 45.3 67.9

119 32.6 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: VD071915.D

Acq: 08 Feb 2022 13:55

Tgt Ion:152 Resp: 270846

Ion Ratio Lower Upper

152 100

115 62.0 31.3 93.8

150 157.4 0.0 348.6

