

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022222\
 Data File : VD072053.D
 Acq On : 22 Feb 2022 13:14
 Operator : VA/SY
 Sample : N1626-16
 Misc : 6.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-B8

Quant Time: Feb 23 05:30:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.161	168	388196	50.000	ug/l	0.19
34) 1,4-Difluorobenzene	8.991	114	710473	50.000	ug/l	0.13
63) Chlorobenzene-d5	11.667	117	610713	50.000	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.567	152	217004	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.503	65	115299	28.633	ug/l	0.18
Spiked Amount	50.000	Range	50 - 163	Recovery	=	57.260%
35) Dibromofluoromethane	8.120	113	92157	21.409	ug/l	0.21
Spiked Amount	50.000	Range	54 - 147	Recovery	=	42.820%#
50) Toluene-d8	10.397	98	906802	56.806	ug/l	0.06
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.620%
62) 4-Bromofluorobenzene	12.638	95	247679	42.240	ug/l	0.02
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.480%

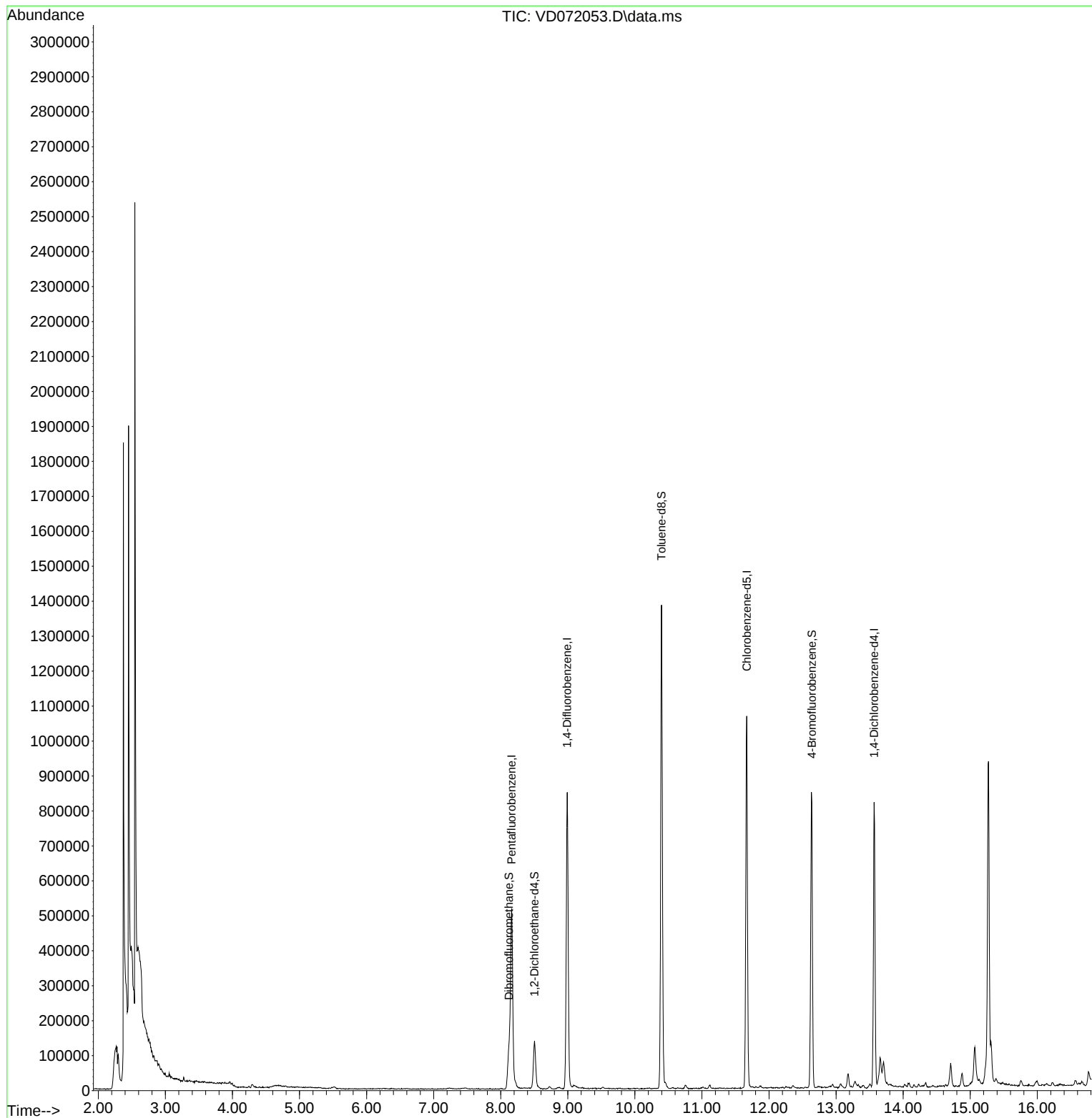
Target Compounds	Qvalue

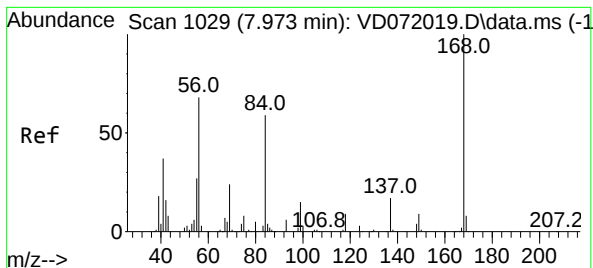
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.161 min Scan# 1119

Delta R.T. 0.188 min

Lab File: VD072053.D

Acq: 22 Feb 2022 13:14

Instrument :

MSVOA_D

ClientSampleId :

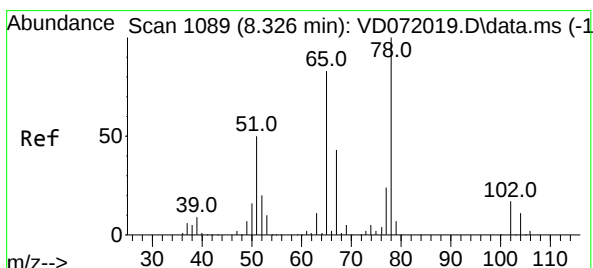
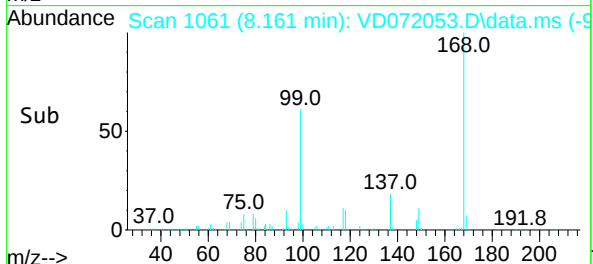
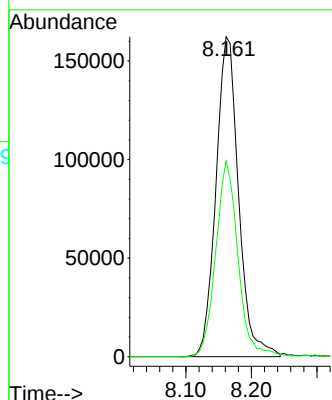
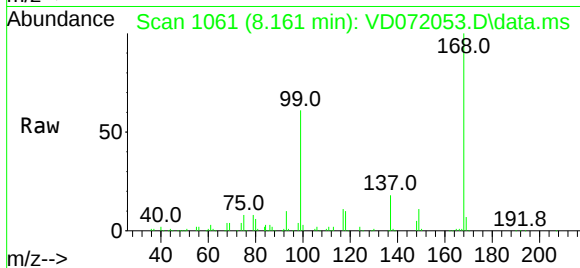
CC-B8

Tgt Ion:168 Resp: 388196

Ion Ratio Lower Upper

168 100

99 61.1 47.1 70.7



#33

1,2-Dichloroethane-d4

Concen: 28.633 ug/l

RT: 8.503 min Scan# 1119

Delta R.T. 0.177 min

Lab File: VD072053.D

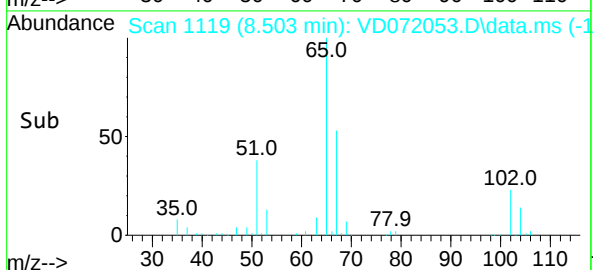
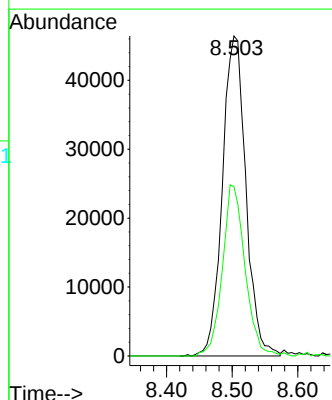
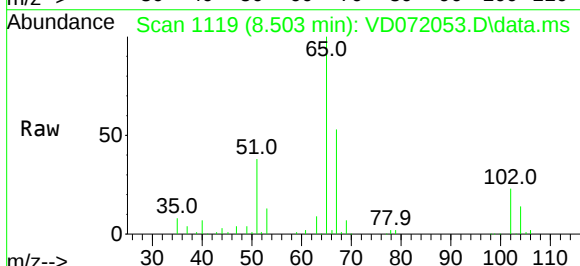
Acq: 22 Feb 2022 13:14

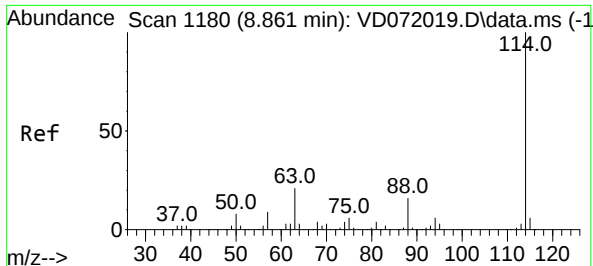
Tgt Ion: 65 Resp: 115299

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.991 min Scan# 11

Delta R.T. 0.130 min

Lab File: VD072053.D

Acq: 22 Feb 2022 13:14

Instrument :

MSVOA_D

ClientSampleId :

CC-B8

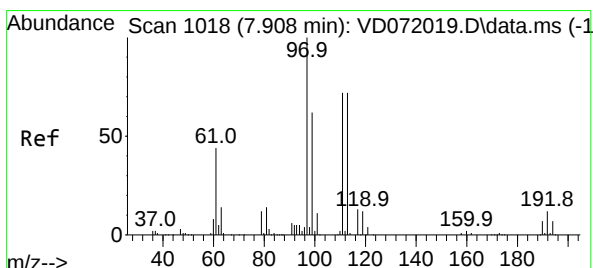
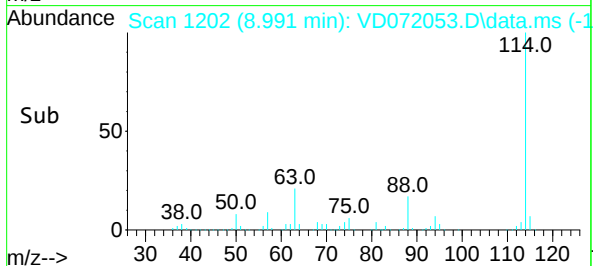
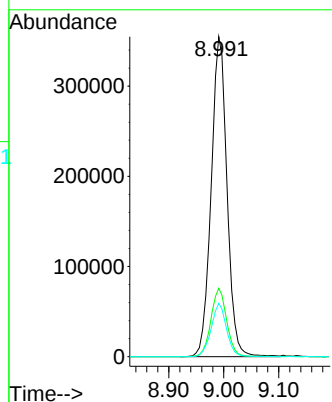
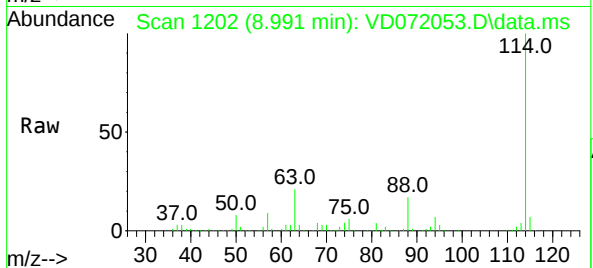
Tgt Ion:114 Resp: 710473

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.2

88 16.7 0.0 31.2



#35

Dibromofluoromethane

Concen: 21.409 ug/l

RT: 8.120 min Scan# 1054

Delta R.T. 0.212 min

Lab File: VD072053.D

Acq: 22 Feb 2022 13:14

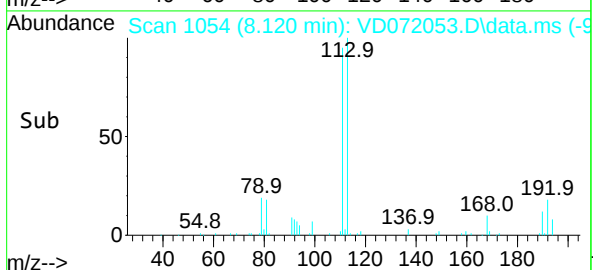
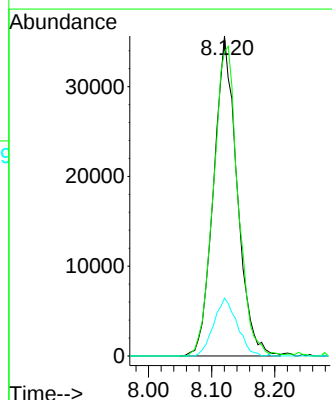
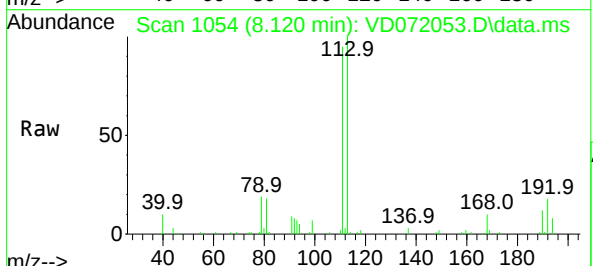
Tgt Ion:113 Resp: 92157

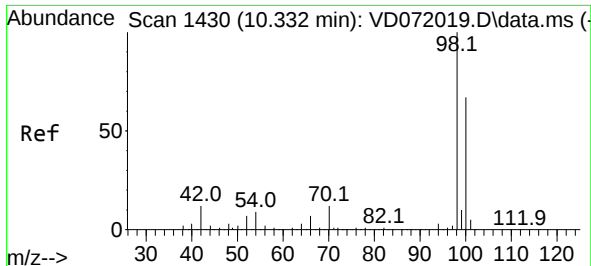
Ion Ratio Lower Upper

113 100

111 101.6 83.0 124.4

192 18.0 15.3 22.9

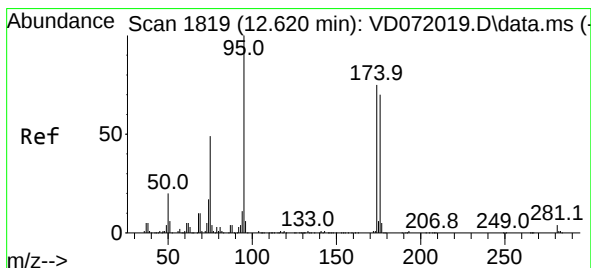
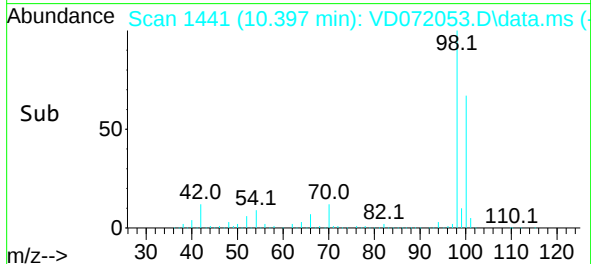
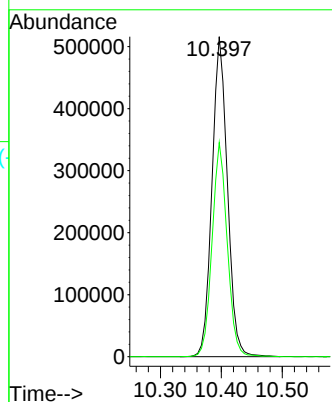
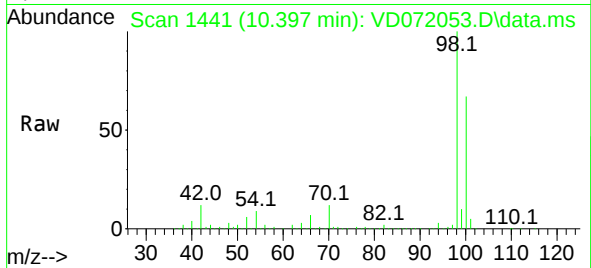




#50
Toluene-d8
Concen: 56.806 ug/l
RT: 10.397 min Scan# 1430
Delta R.T. 0.065 min
Lab File: VD072053.D
Acq: 22 Feb 2022 13:14

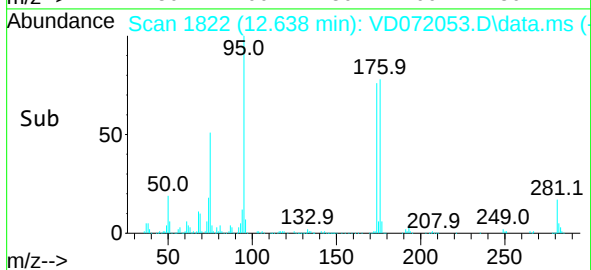
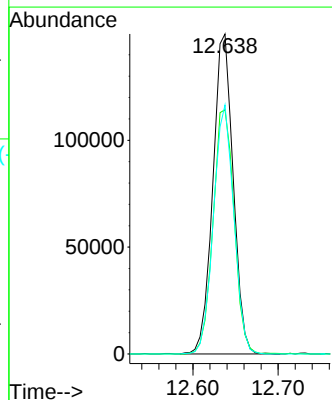
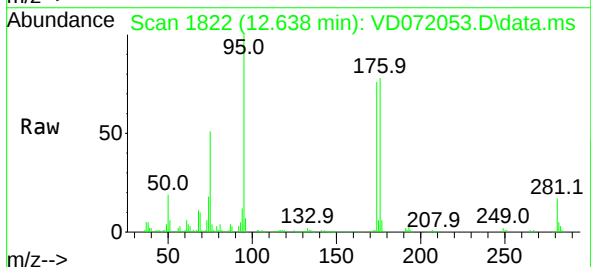
Instrument :
MSVOA_D
ClientSampleId :
CC-B8

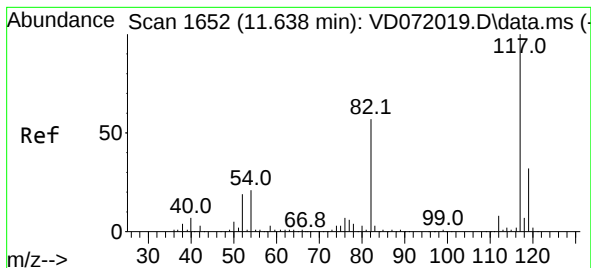
Tgt Ion: 98 Resp: 906802
Ion Ratio Lower Upper
98 100
100 65.9 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 42.240 ug/l
RT: 12.638 min Scan# 1822
Delta R.T. 0.018 min
Lab File: VD072053.D
Acq: 22 Feb 2022 13:14

Tgt Ion: 95 Resp: 247679
Ion Ratio Lower Upper
95 100
174 79.3 0.0 155.0
176 78.1 0.0 148.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.667 min Scan# 1

Delta R.T. 0.030 min

Lab File: VD072053.D

Acq: 22 Feb 2022 13:14

Instrument :

MSVOA_D

ClientSampleId :

CC-B8

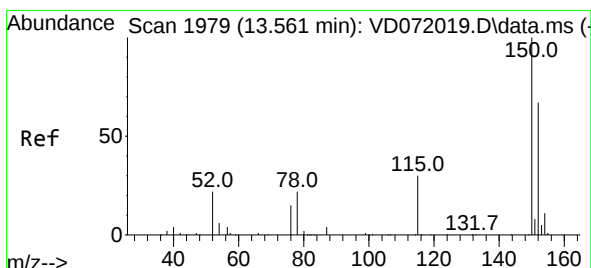
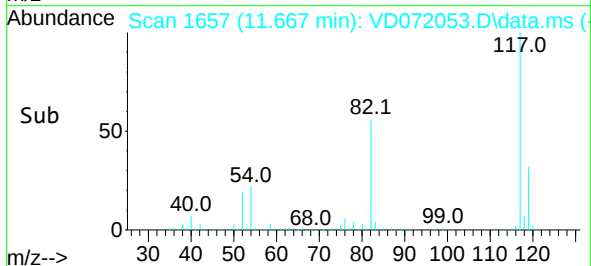
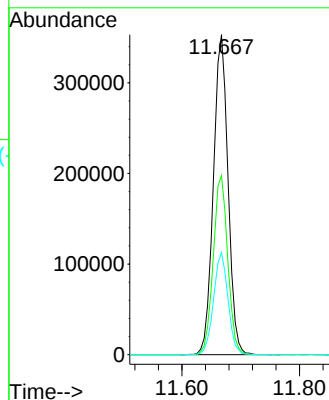
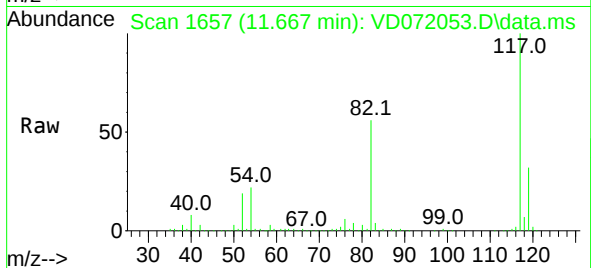
Tgt Ion:117 Resp: 610713

Ion Ratio Lower Upper

117 100

82 56.0 45.4 68.0

119 32.0 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. 0.006 min

Lab File: VD072053.D

Acq: 22 Feb 2022 13:14

Tgt Ion:152 Resp: 217004

Ion Ratio Lower Upper

152 100

115 60.3 29.9 89.7

150 158.0 0.0 347.6

