

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062222\
 Data File : VD073658.D
 Acq On : 22 Jun 2022 16:50
 Operator : VA/SY
 Sample : N3421-03
 Misc : 5.41G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1-21-23-20220620

Quant Time: Jun 23 09:28:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 05:24:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	242975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	453407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	416320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	189146	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	148849	53.242	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.480%
35) Dibromofluoromethane	7.909	113	150412	45.729	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.460%
50) Toluene-d8	10.332	98	532178	45.204	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.400%
62) 4-Bromofluorobenzene	12.620	95	176213	40.815	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.620%

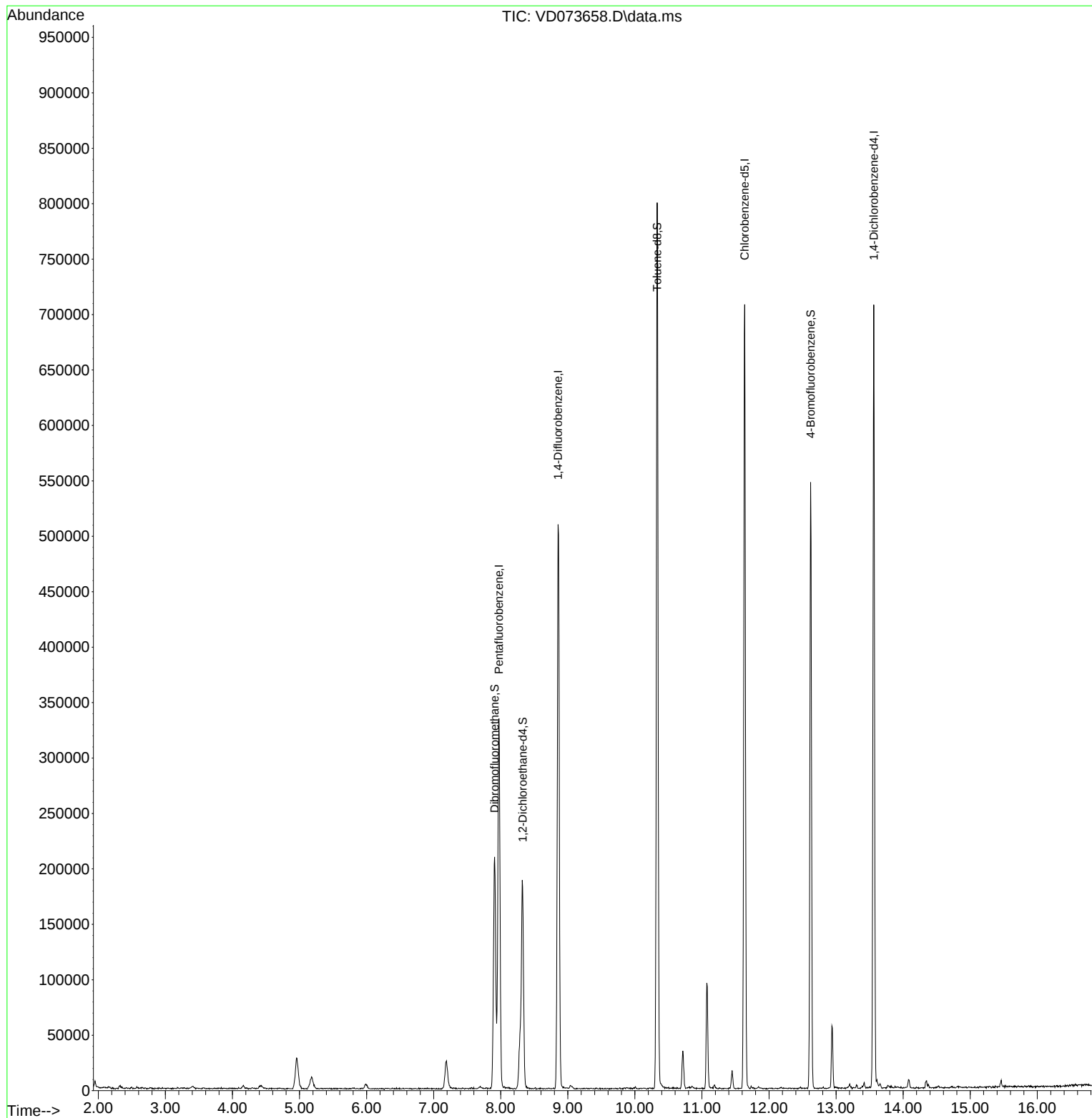
Target Compounds	Qvalue

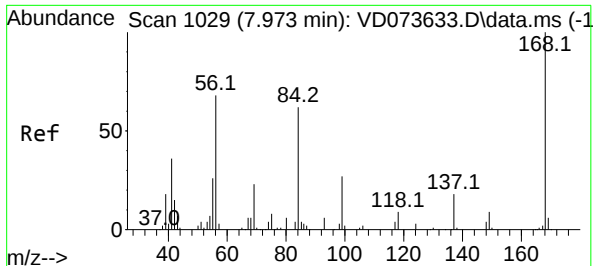
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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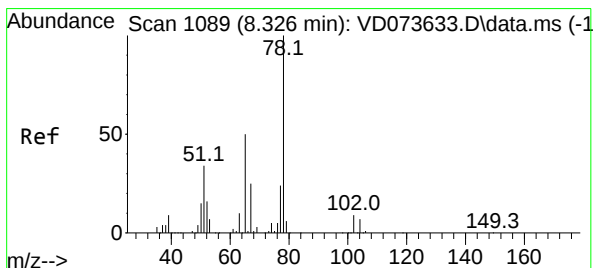
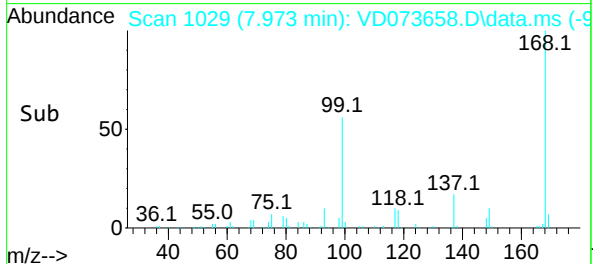
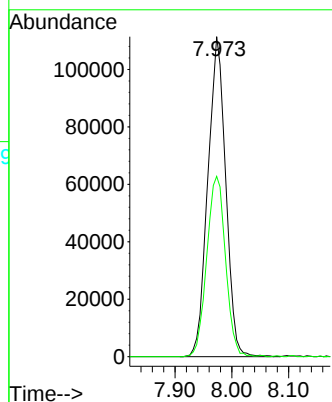
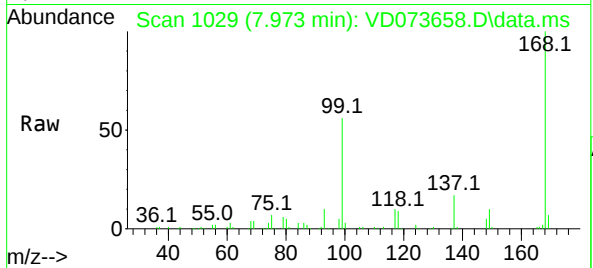




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073658.D
Acq: 22 Jun 2022 16:50

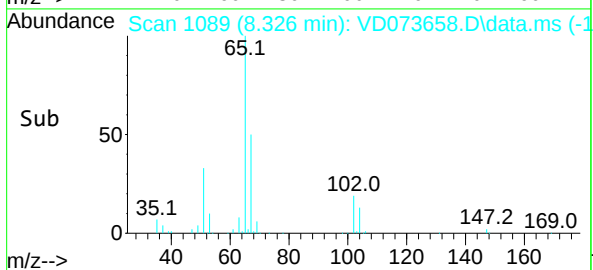
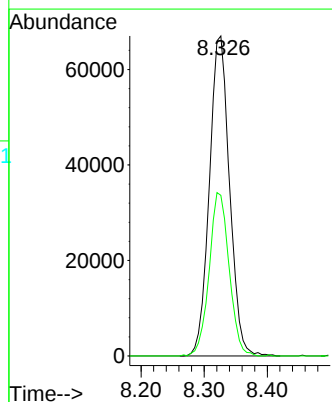
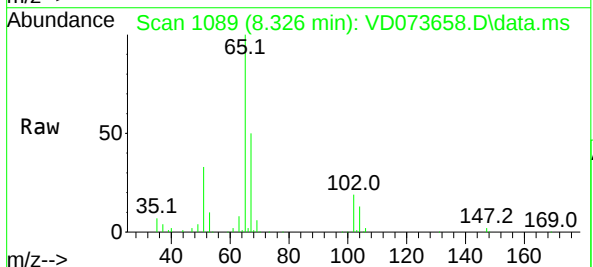
Instrument :
MSVOA_D
ClientSampleId :
SB-1-21-23-20220620

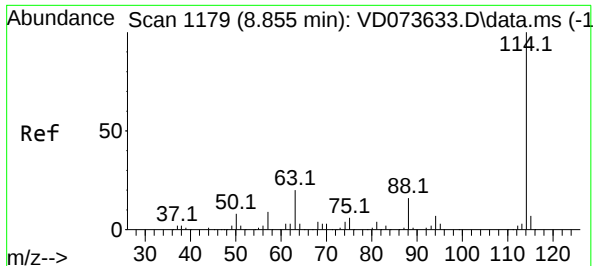
Tgt Ion:168 Resp: 242975
Ion Ratio Lower Upper
168 100
99 56.3 47.4 71.0



#33
1,2-Dichloroethane-d4
Concen: 53.242 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073658.D
Acq: 22 Jun 2022 16:50

Tgt Ion: 65 Resp: 148849
Ion Ratio Lower Upper
65 100
67 50.5 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073658.D

Acq: 22 Jun 2022 16:50

Instrument :

MSVOA_D

ClientSampleId :

SB-1-21-23-20220620

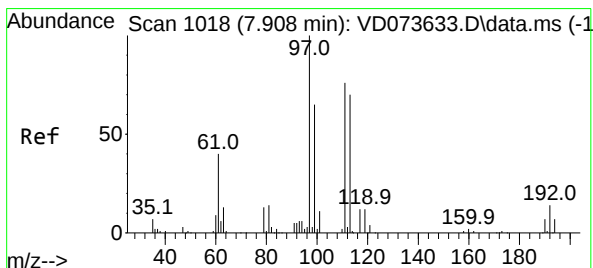
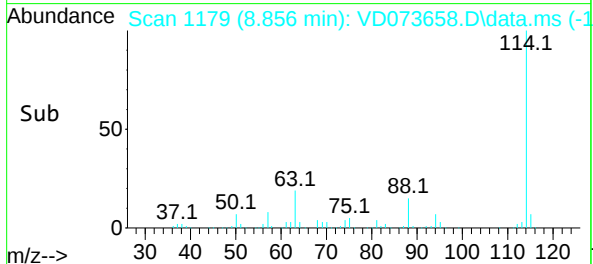
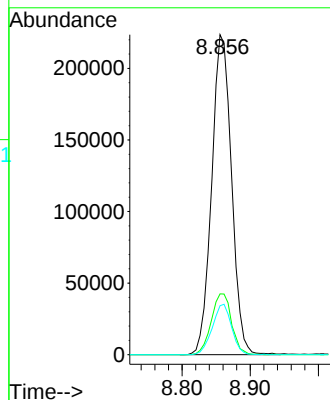
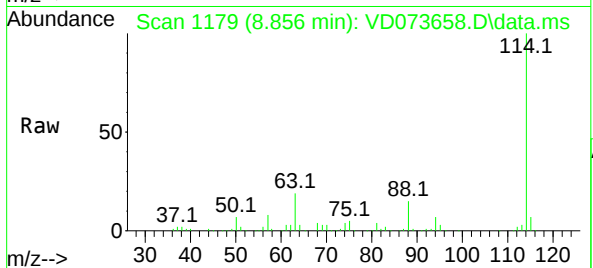
Tgt Ion:114 Resp: 453407

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.4

88 15.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 45.729 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073658.D

Acq: 22 Jun 2022 16:50

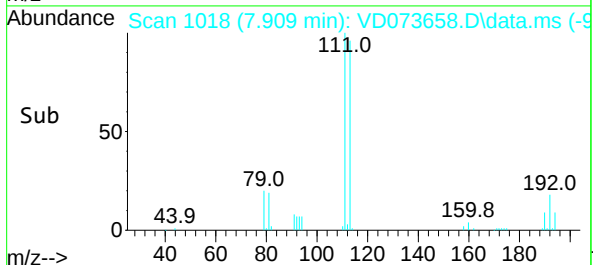
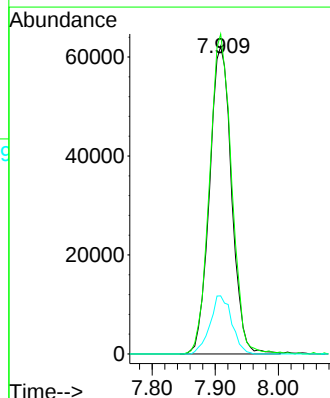
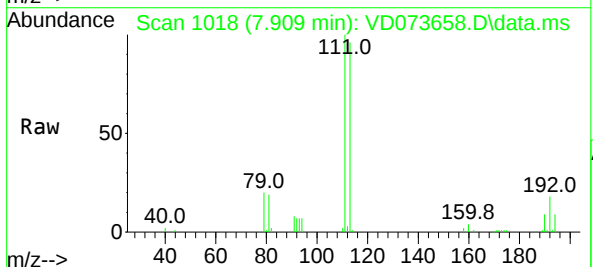
Tgt Ion:113 Resp: 150412

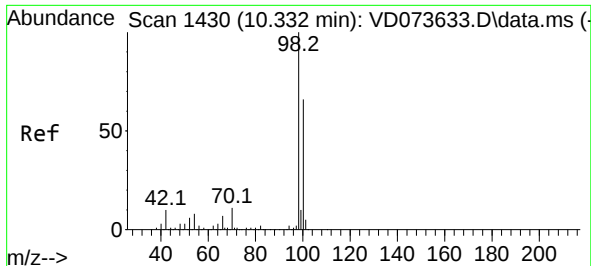
Ion Ratio Lower Upper

113 100

111 104.6 81.1 121.7

192 18.7 14.3 21.5

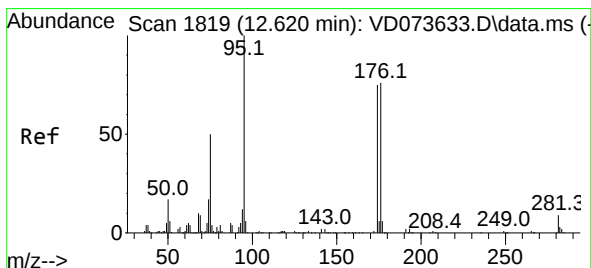
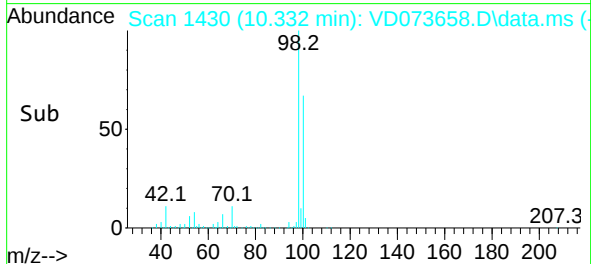
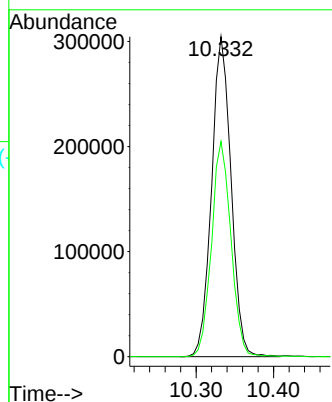
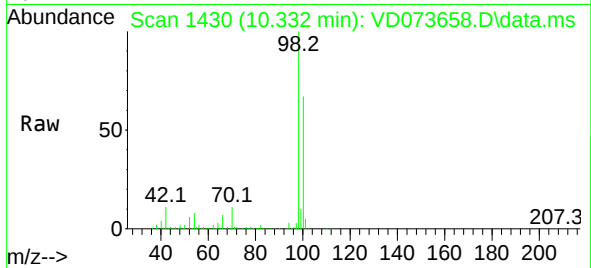




#50
Toluene-d8
Concen: 45.204 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073658.D
Acq: 22 Jun 2022 16:50

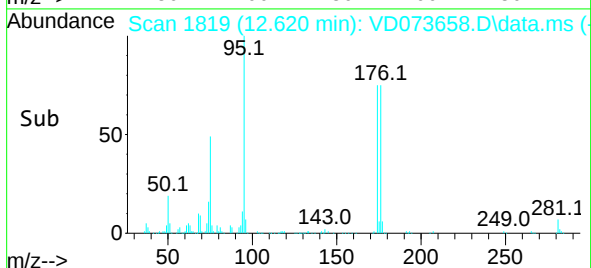
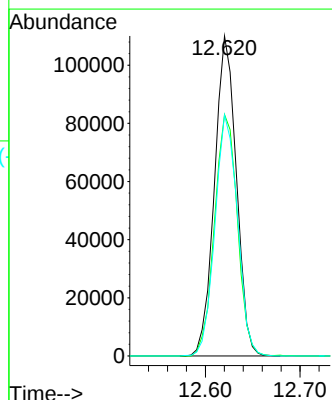
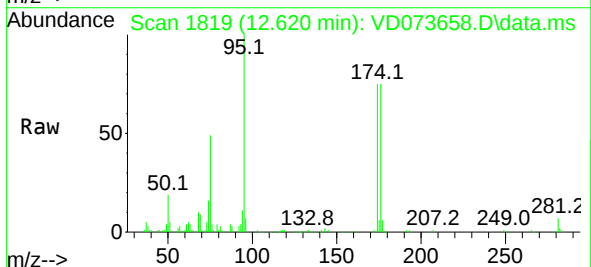
Instrument :
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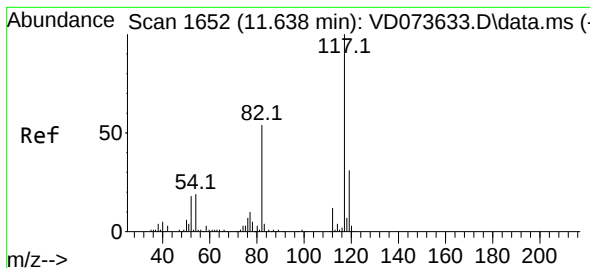
Tgt Ion: 98 Resp: 532178
Ion Ratio Lower Upper
98 100
100 67.2 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 40.815 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073658.D
Acq: 22 Jun 2022 16:50

Tgt Ion: 95 Resp: 176213
Ion Ratio Lower Upper
95 100
174 79.1 0.0 156.4
176 77.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073658.D

Acq: 22 Jun 2022 16:50

Instrument :

MSVOA_D

ClientSampleId :

SB-1-21-23-20220620

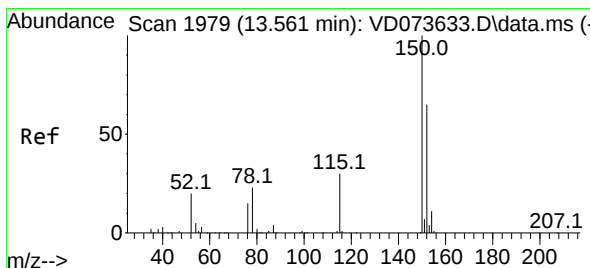
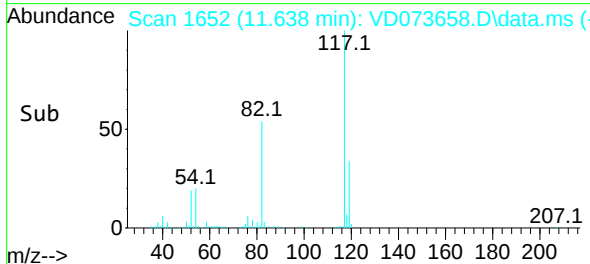
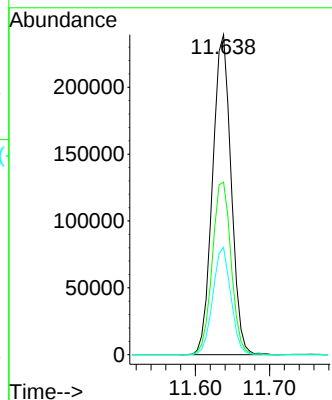
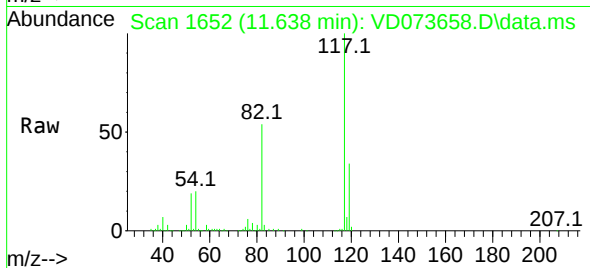
Tgt Ion:117 Resp: 416320

Ion Ratio Lower Upper

117 100

82 54.0 43.0 64.4

119 33.5 24.5 36.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073658.D

Acq: 22 Jun 2022 16:50

Tgt Ion:152 Resp: 189146

Ion Ratio Lower Upper

152 100

115 60.3 29.6 88.9

150 157.1 0.0 351.2

