

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061422\
 Data File : VD073568.D
 Acq On : 14 Jun 2022 14:34
 Operator : VA/SY
 Sample : N3287-02
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2

Quant Time: Jun 15 01:36:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	187385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	345313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	440018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	236724	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	107518	53.468	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.940%
35) Dibromofluoromethane	7.909	113	117320	52.835	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.660%
50) Toluene-d8	10.332	98	446245	53.153	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.300%
62) 4-Bromofluorobenzene	12.620	95	223494	73.330	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	146.660%#

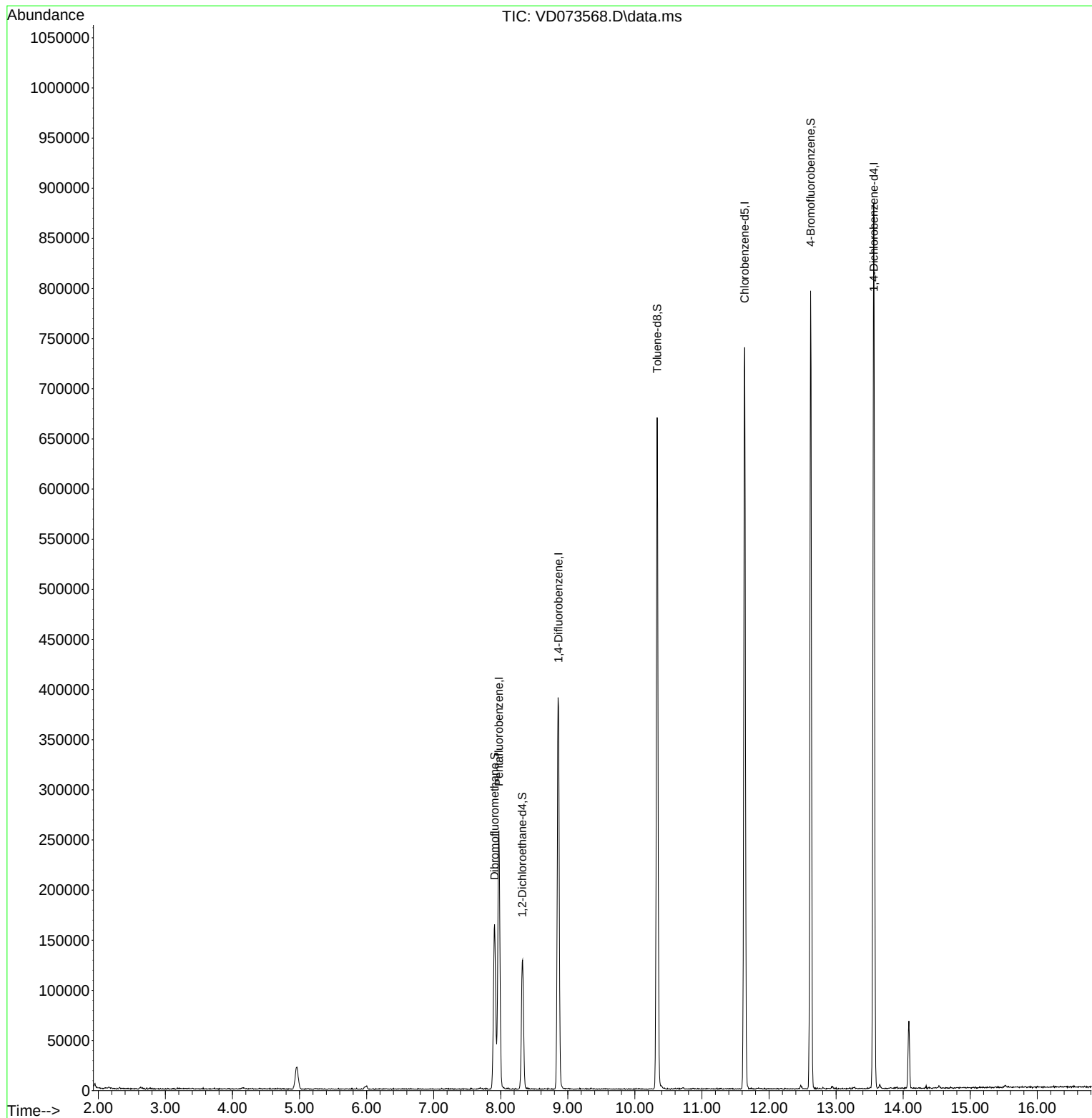
Target Compounds	Qvalue

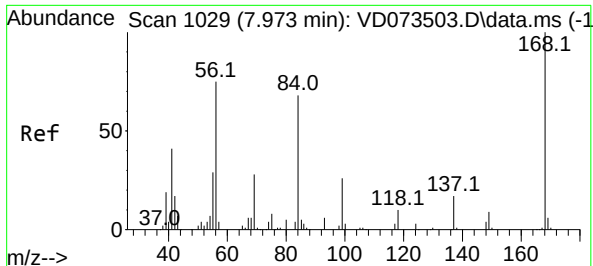
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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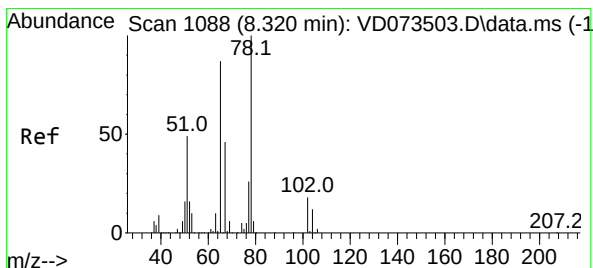
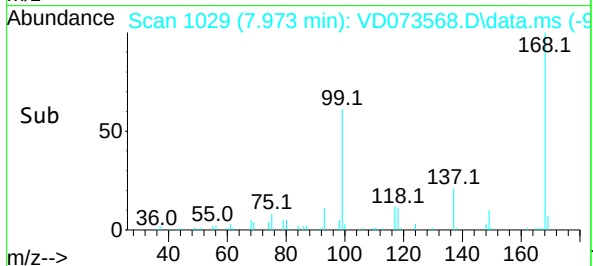
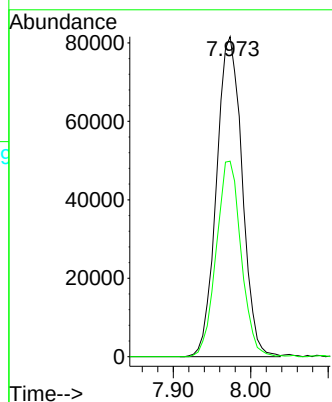
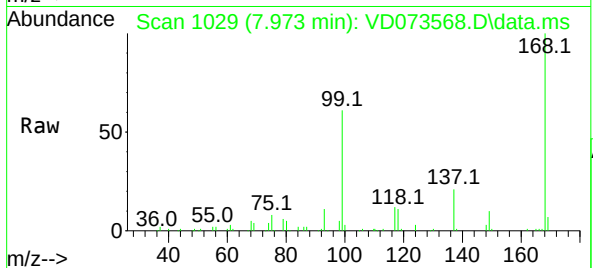




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073568.D
Acq: 14 Jun 2022 14:34

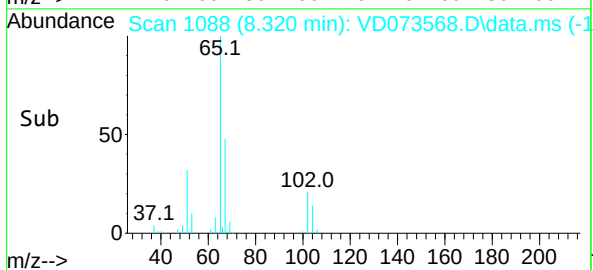
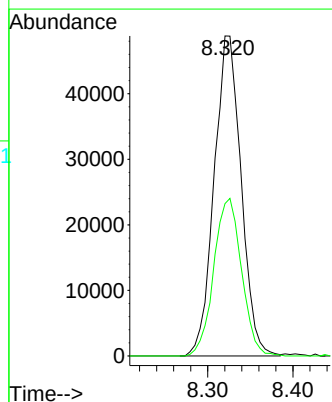
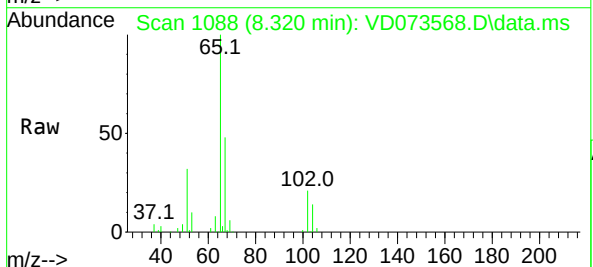
Instrument :
MSVOA_D
ClientSampleId :
SB-2

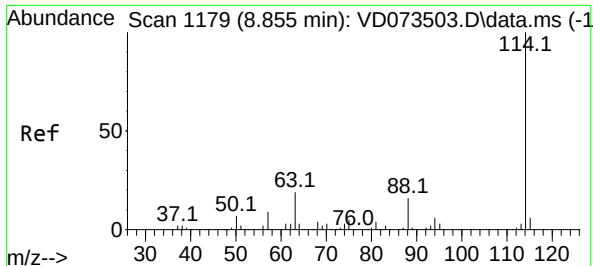
Tgt Ion:168 Resp: 187385
Ion Ratio Lower Upper
168 100
99 61.1 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 53.468 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073568.D
Acq: 14 Jun 2022 14:34

Tgt Ion: 65 Resp: 107518
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073568.D

Acq: 14 Jun 2022 14:34

Instrument :

MSVOA_D

ClientSampleId :

SB-2

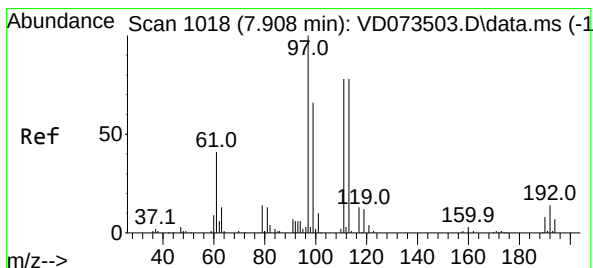
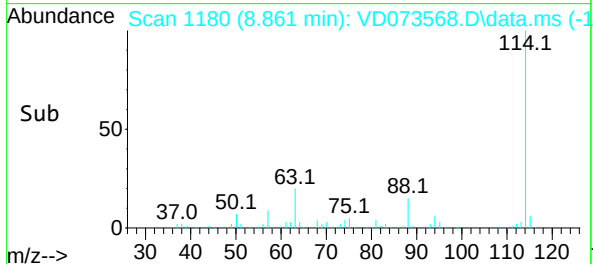
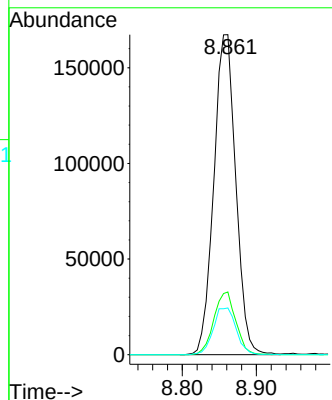
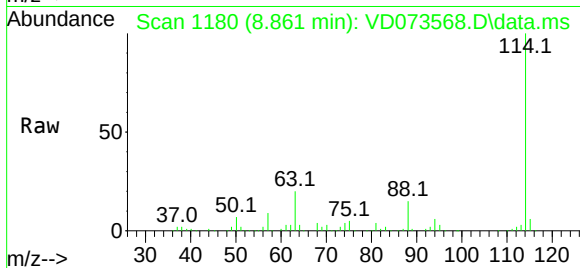
Tgt Ion:114 Resp: 345313

Ion Ratio Lower Upper

114 100

63 19.6 0.0 46.6

88 14.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 52.835 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.001 min

Lab File: VD073568.D

Acq: 14 Jun 2022 14:34

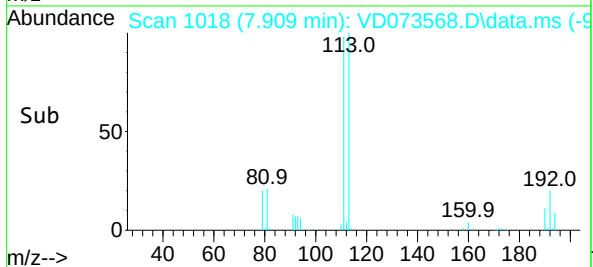
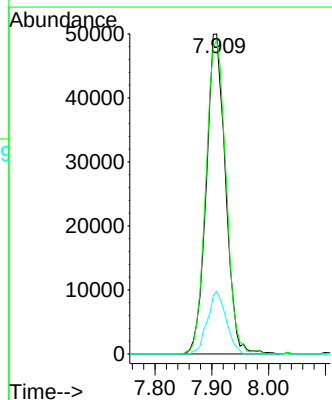
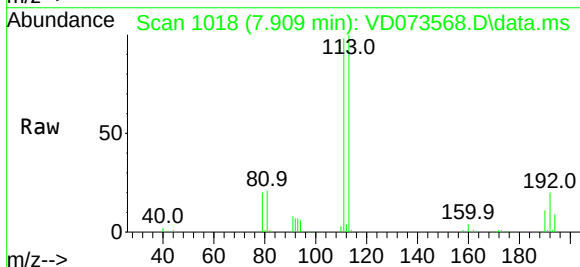
Tgt Ion:113 Resp: 117320

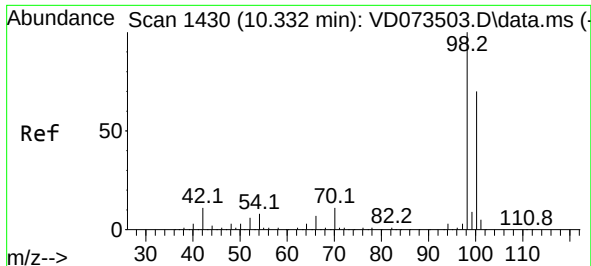
Ion Ratio Lower Upper

113 100

111 102.3 83.8 125.6

192 19.1 14.6 21.8

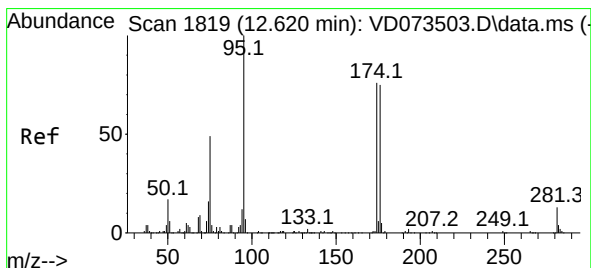
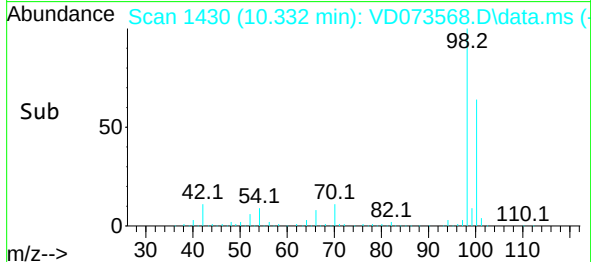
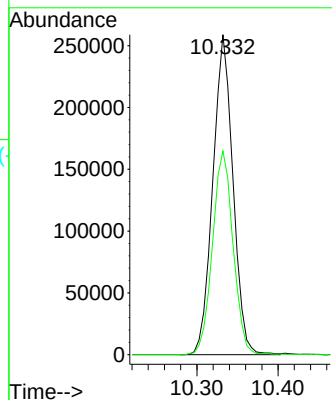
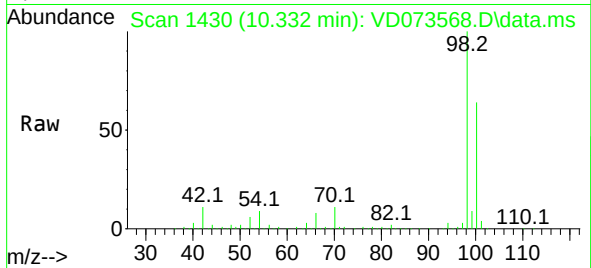




#50
Toluene-d8
Concen: 53.153 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073568.D
Acq: 14 Jun 2022 14:34

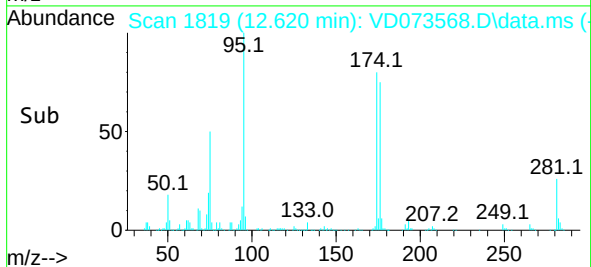
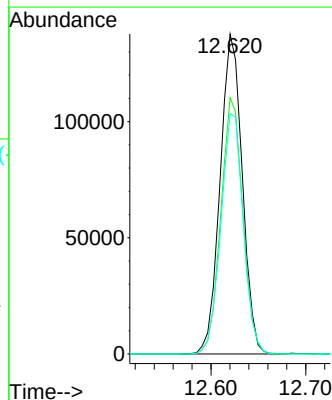
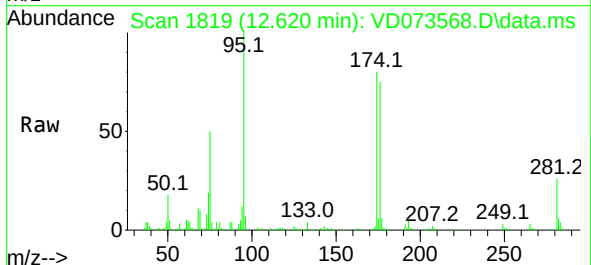
Instrument :
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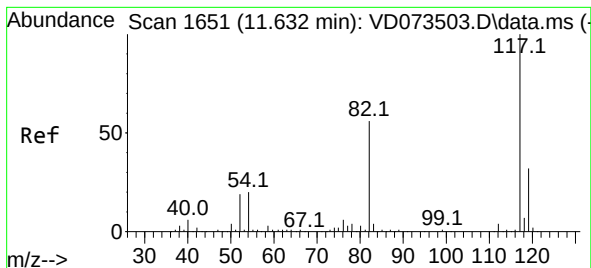
Tgt Ion: 98 Resp: 446245
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 73.330 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073568.D
Acq: 14 Jun 2022 14:34

Tgt Ion: 95 Resp: 223494
Ion Ratio Lower Upper
95 100
174 79.5 0.0 152.8
176 76.0 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD073568.D

Acq: 14 Jun 2022 14:34

Instrument :

MSVOA_D

ClientSampleId :

SB-2

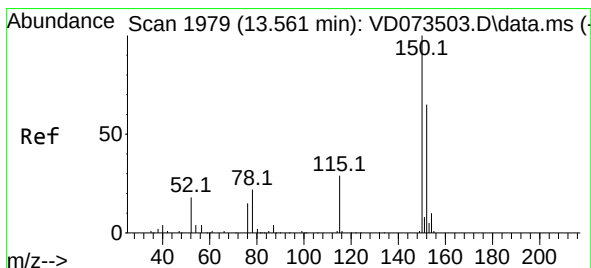
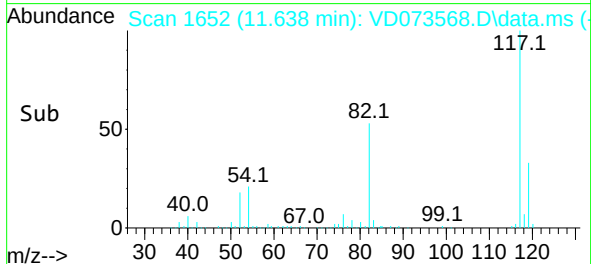
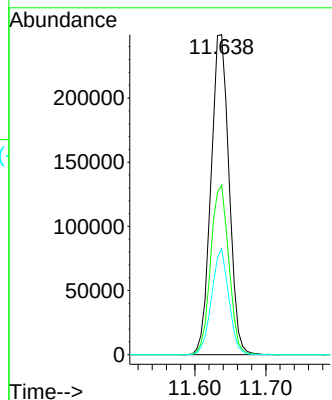
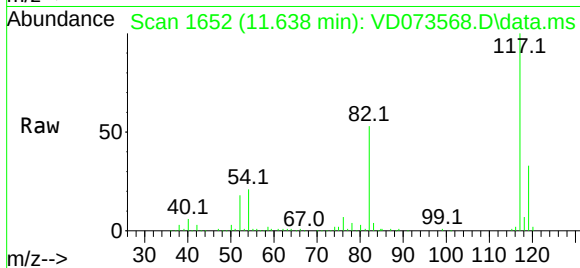
Tgt Ion:117 Resp: 440018

Ion Ratio Lower Upper

117 100

82 52.9 45.3 67.9

119 33.1 26.6 40.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073568.D

Acq: 14 Jun 2022 14:34

Tgt Ion:152 Resp: 236724

Ion Ratio Lower Upper

152 100

115 60.9 31.3 93.8

150 159.5 0.0 348.6

