

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062322\
 Data File : VD073673.D
 Acq On : 23 Jun 2022 18:45
 Operator : VA/SY
 Sample : VD0623SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBL01

Quant Time: Jun 24 07:38:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	235271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	447196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	437173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	196790	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	156553	54.177	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.360%
35) Dibromofluoromethane	7.902	113	153801	44.149	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.300%
50) Toluene-d8	10.332	98	543313	43.437	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.880%
62) 4-Bromofluorobenzene	12.620	95	181454	38.678	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.360%

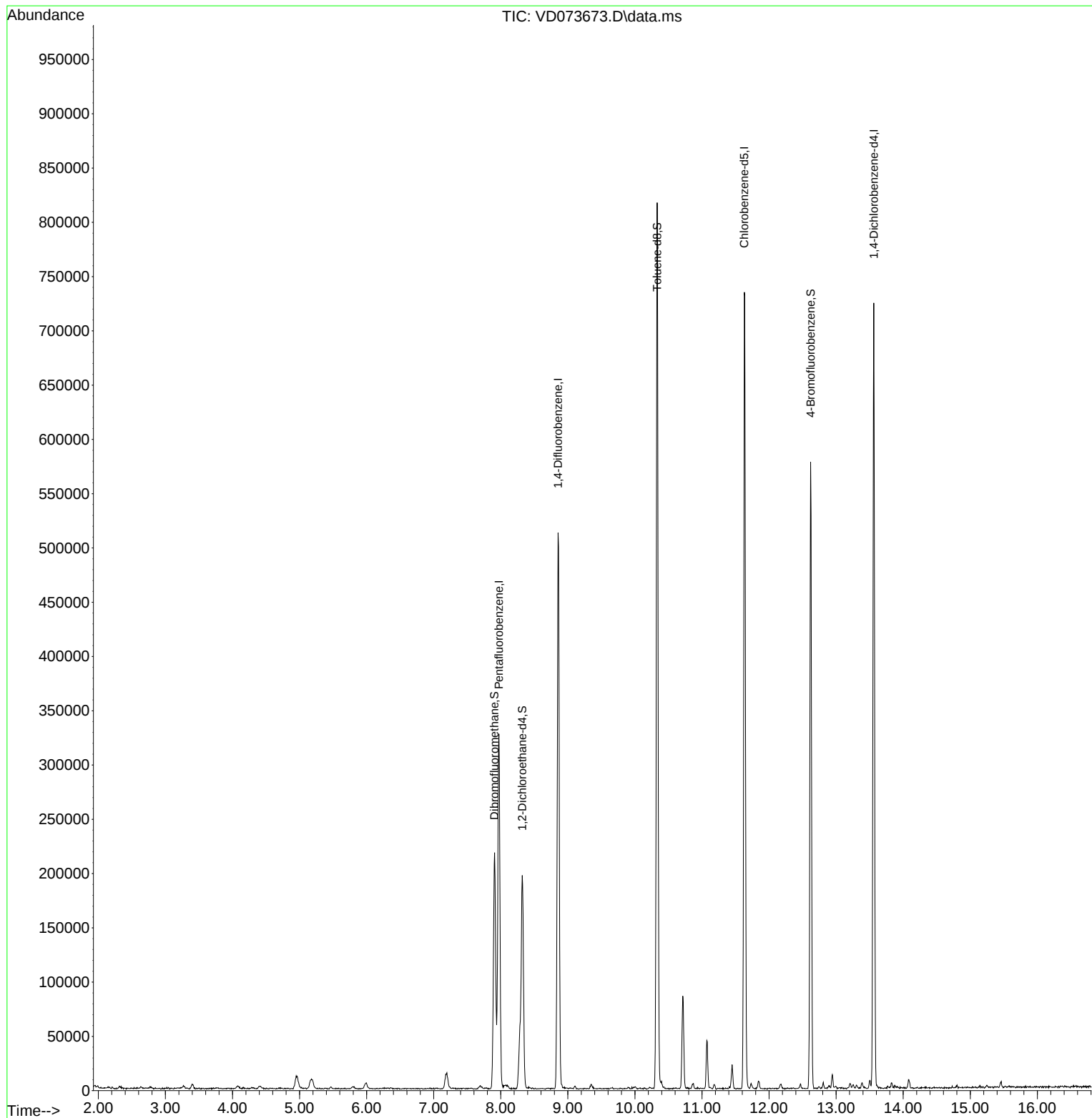
Target Compounds	Qvalue

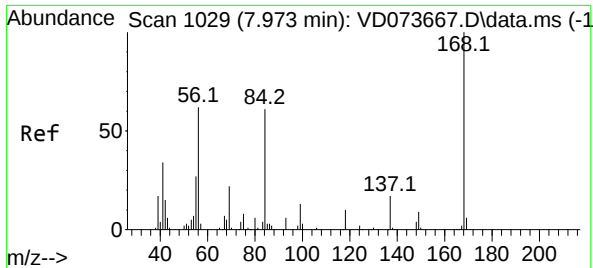
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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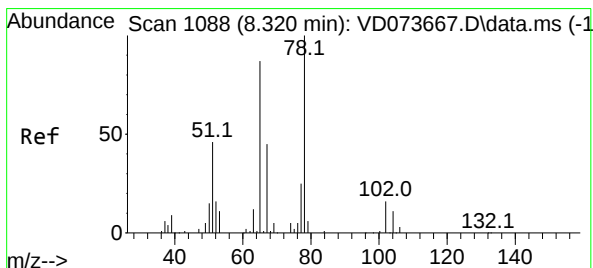
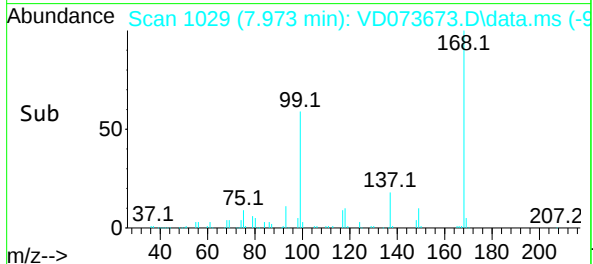
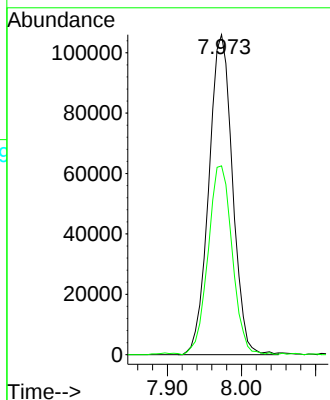
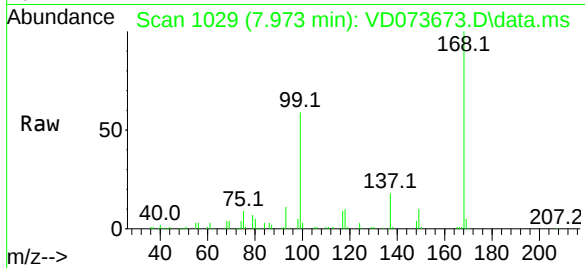




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073673.D
Acq: 23 Jun 2022 18:45

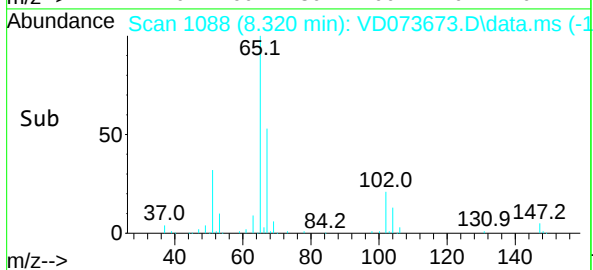
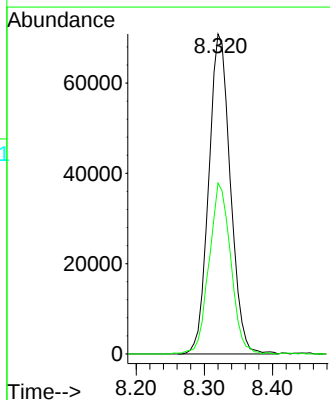
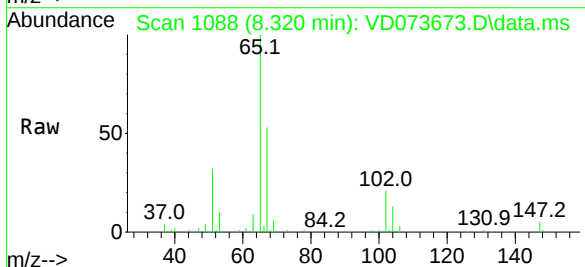
Instrument :
MSVOA_D
ClientSampleId :
VD0623SBL01

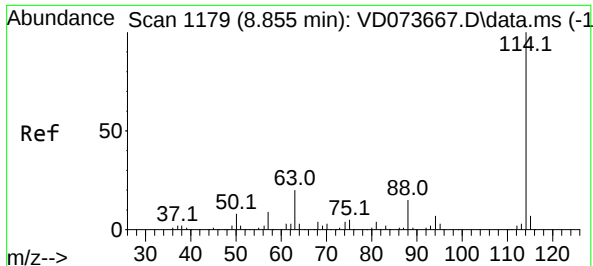
Tgt Ion:168 Resp: 235271
Ion Ratio Lower Upper
168 100
99 58.9 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 54.177 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD073673.D
Acq: 23 Jun 2022 18:45

Tgt Ion: 65 Resp: 156553
Ion Ratio Lower Upper
65 100
67 53.5 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073673.D

Acq: 23 Jun 2022 18:45

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBL01

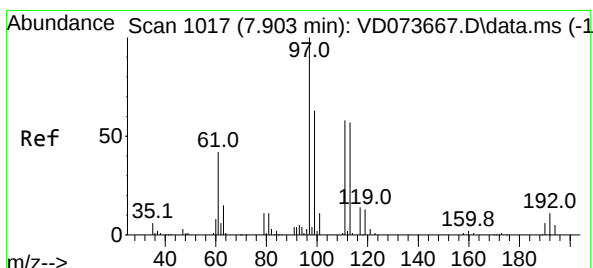
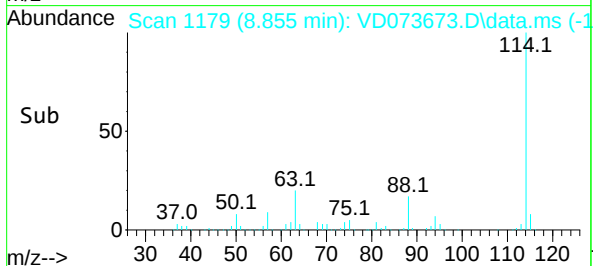
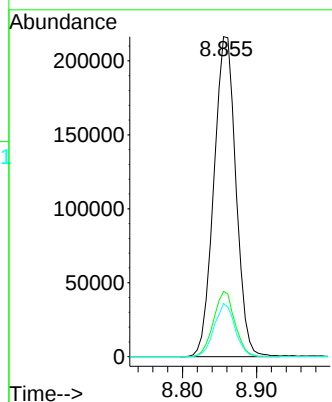
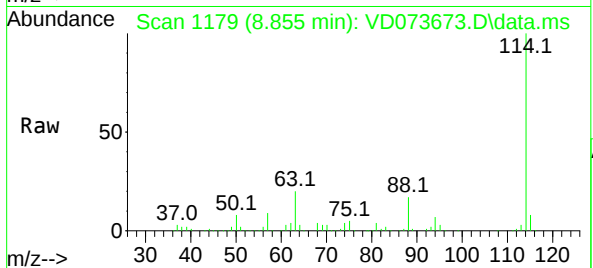
Tgt Ion:114 Resp: 447196

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.2

88 16.6 0.0 29.4



#35

Dibromofluoromethane

Concen: 44.149 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD073673.D

Acq: 23 Jun 2022 18:45

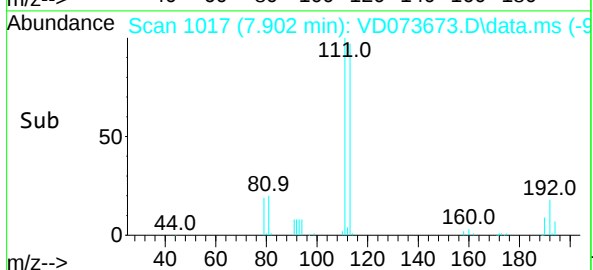
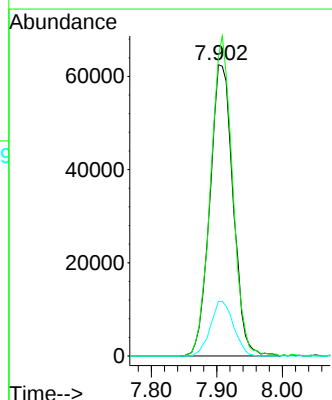
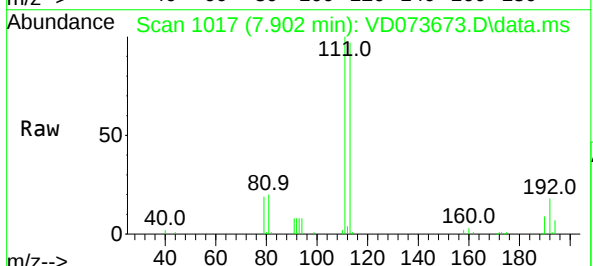
Tgt Ion:113 Resp: 153801

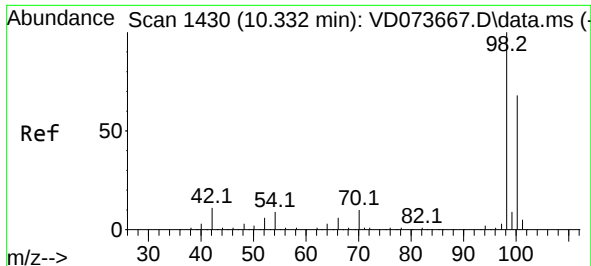
Ion Ratio Lower Upper

113 100

111 103.8 81.8 122.6

192 18.6 14.8 22.2

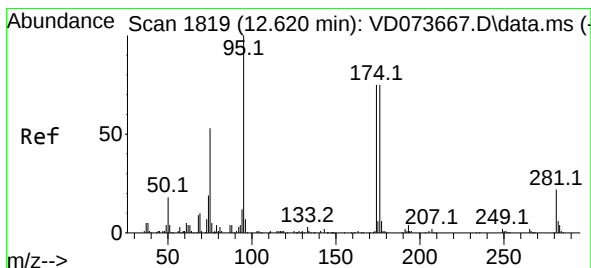
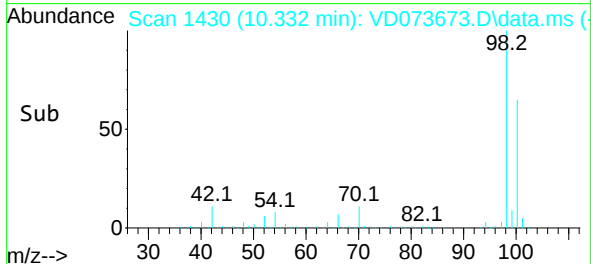
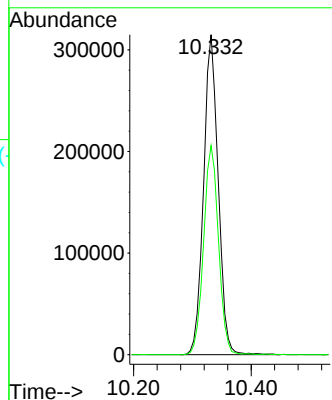
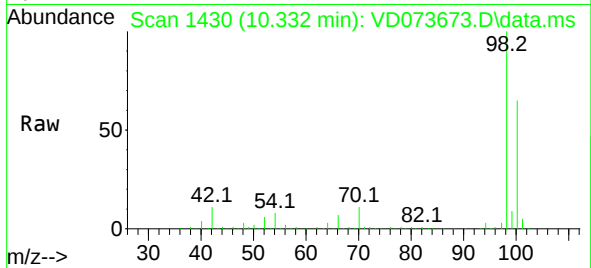




#50
Toluene-d8
Concen: 43.437 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073673.D
Acq: 23 Jun 2022 18:45

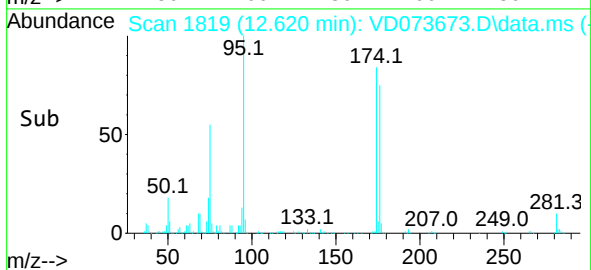
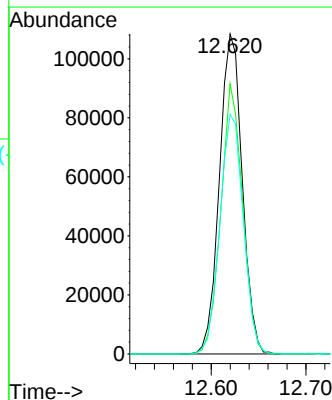
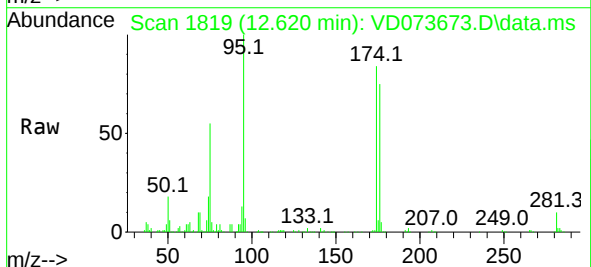
Instrument :
MSVOA_D
ClientSampleId :
VD0623SBL01

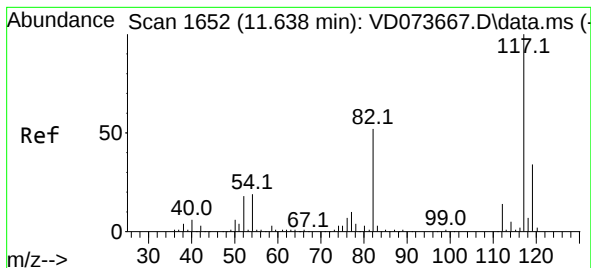
Tgt Ion: 98 Resp: 543313
Ion Ratio Lower Upper
98 100
100 66.5 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 38.678 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073673.D
Acq: 23 Jun 2022 18:45

Tgt Ion: 95 Resp: 181454
Ion Ratio Lower Upper
95 100
174 80.5 0.0 158.4
176 76.9 0.0 154.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD073673.D

Acq: 23 Jun 2022 18:45

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBL01

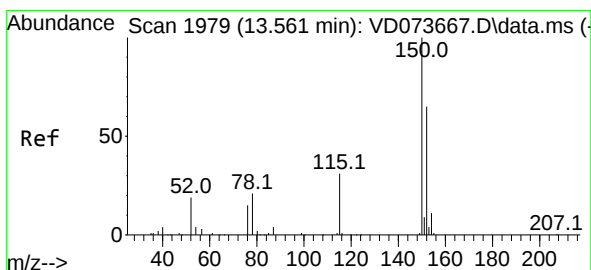
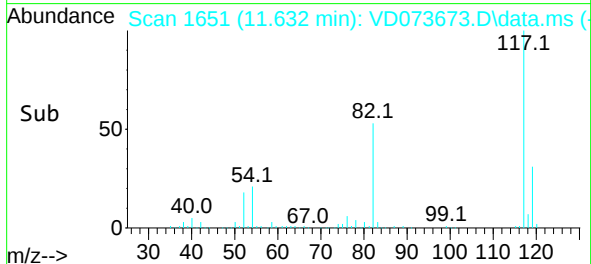
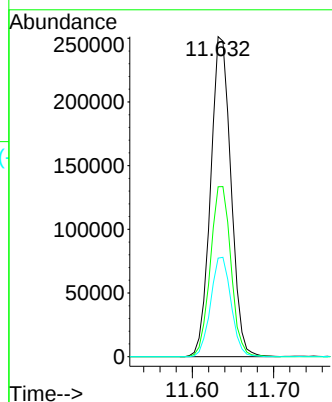
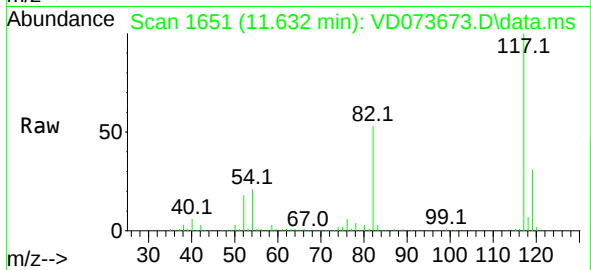
Tgt Ion:117 Resp: 437173

Ion Ratio Lower Upper

117 100

82 53.1 41.5 62.3

119 30.8 27.1 40.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VD073673.D

Acq: 23 Jun 2022 18:45

Tgt Ion:152 Resp: 196790

Ion Ratio Lower Upper

152 100

115 60.8 30.6 91.6

150 158.1 0.0 355.0

