

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062122\
 Data File : VD073639.D
 Acq On : 21 Jun 2022 11:32
 Operator : VA/SY
 Sample : VD0621SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0621SBL01

Quant Time: Jun 22 05:59:52 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	269237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	484153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	437931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	190789	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	162104	52.328	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.660%
35) Dibromofluoromethane	7.909	113	160080	45.578	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.160%
50) Toluene-d8	10.332	98	552894	43.982	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.960%
62) 4-Bromofluorobenzene	12.620	95	182298	39.543	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.080%

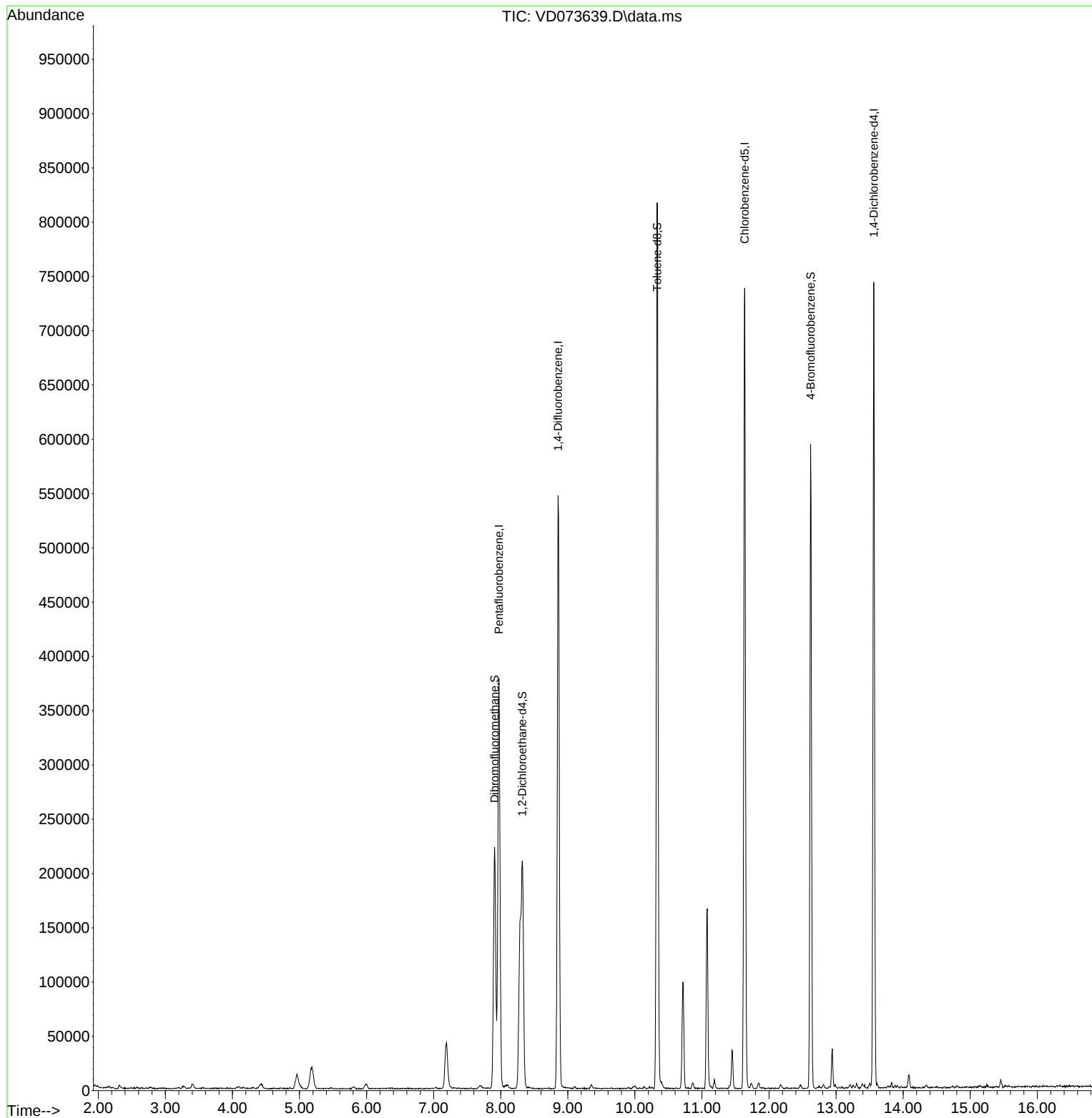
Target Compounds	Qvalue

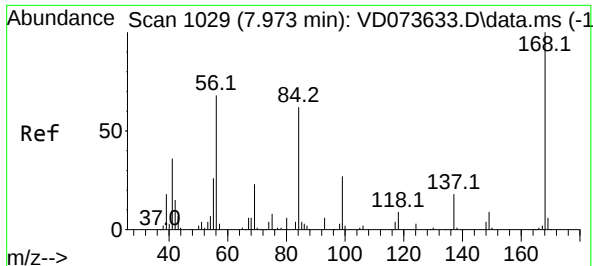
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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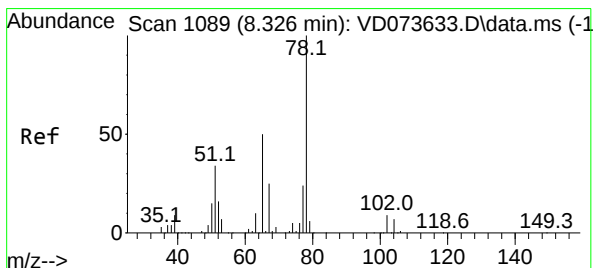
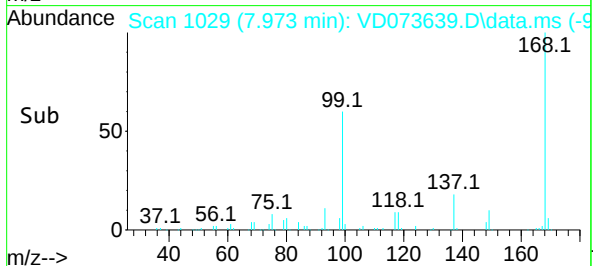
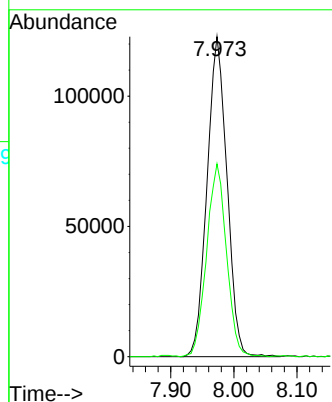
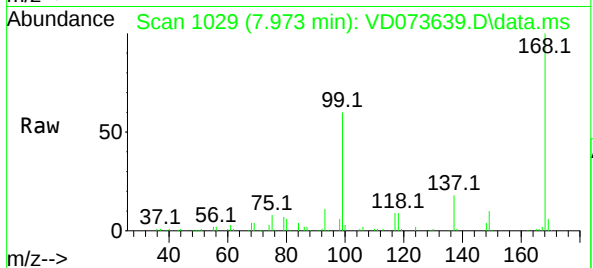




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073639.D
Acq: 21 Jun 2022 11:32

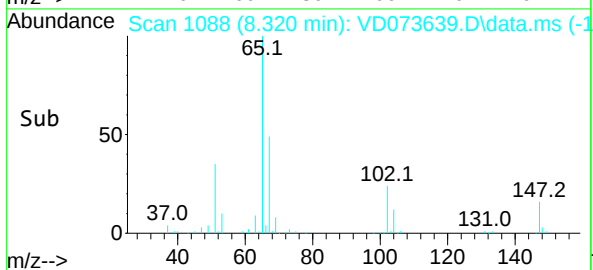
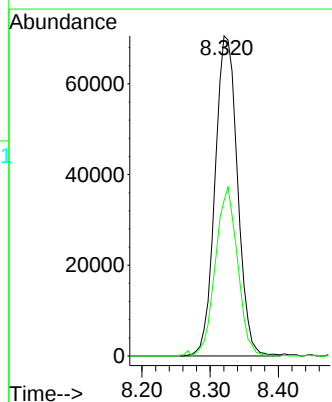
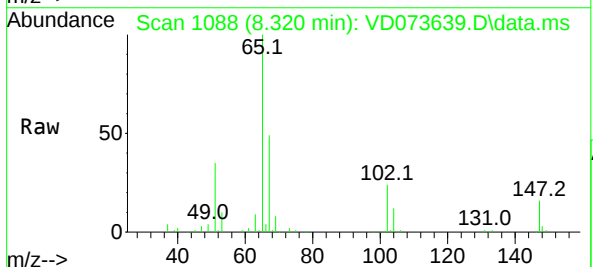
Instrument :
MSVOA_D
ClientSampleId :
VD0621SBL01

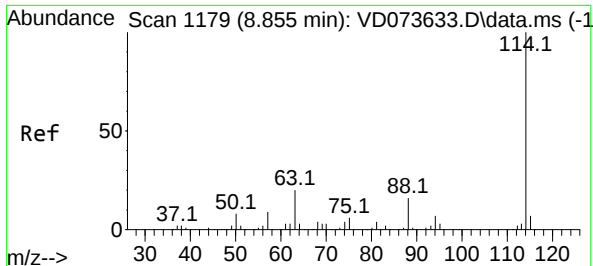
Tgt Ion:168 Resp: 269237
Ion Ratio Lower Upper
168 100
99 60.3 47.4 71.0



#33
1,2-Dichloroethane-d4
Concen: 52.328 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073639.D
Acq: 21 Jun 2022 11:32

Tgt Ion: 65 Resp: 162104
Ion Ratio Lower Upper
65 100
67 51.9 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: VD073639.D

Acq: 21 Jun 2022 11:32

Instrument :

MSVOA_D

ClientSampleId :

VD0621SBL01

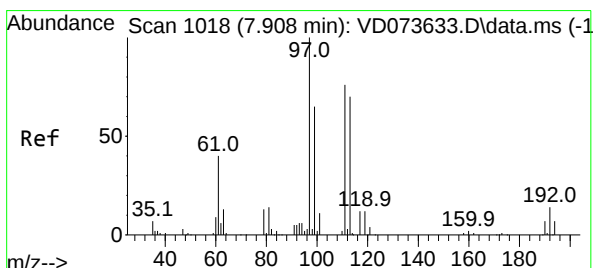
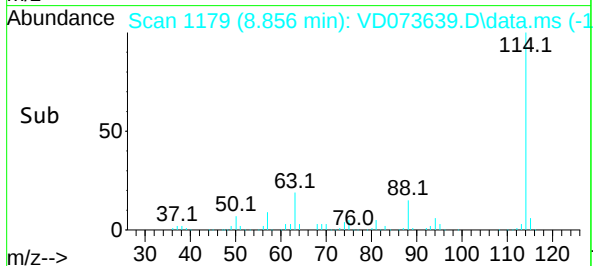
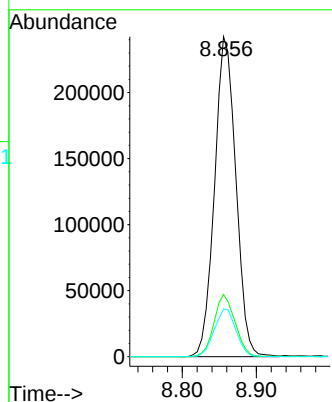
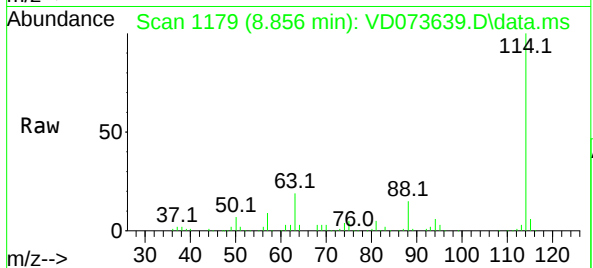
Tgt Ion:114 Resp: 484153

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.4

88 15.0 0.0 32.2



#35

Dibromofluoromethane

Concen: 45.578 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073639.D

Acq: 21 Jun 2022 11:32

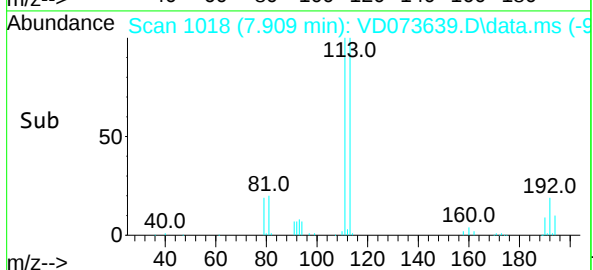
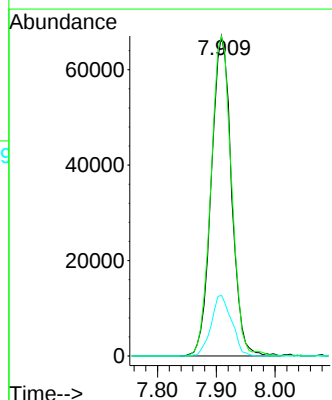
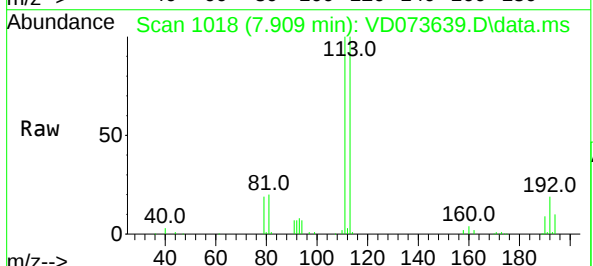
Tgt Ion:113 Resp: 160080

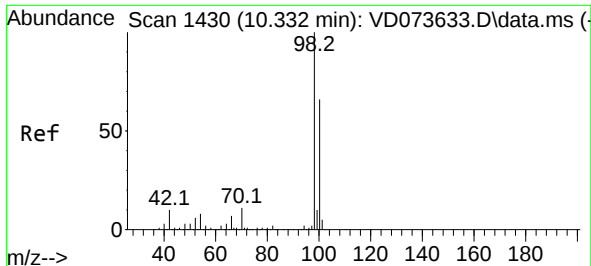
Ion Ratio Lower Upper

113 100

111 101.7 81.1 121.7

192 19.2 14.3 21.5

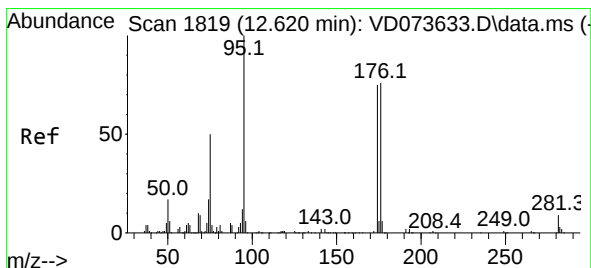
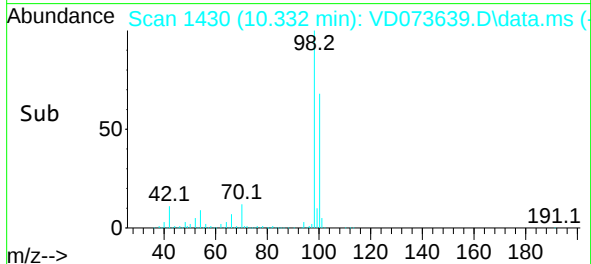
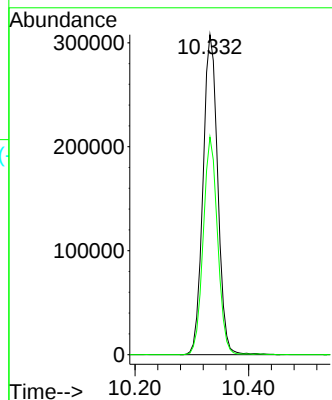
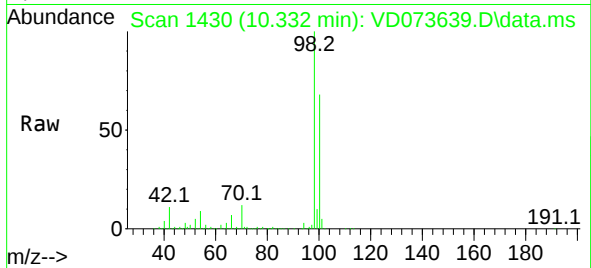




#50
Toluene-d8
Concen: 43.982 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073639.D
Acq: 21 Jun 2022 11:32

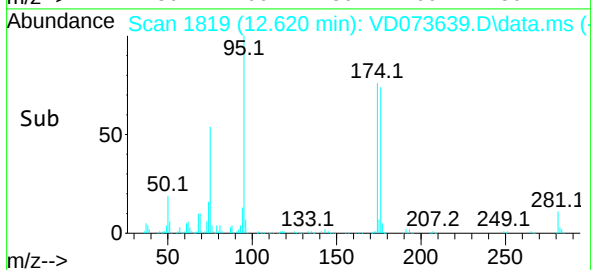
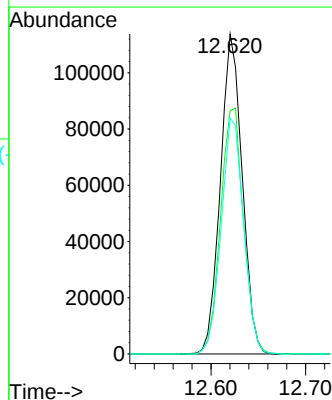
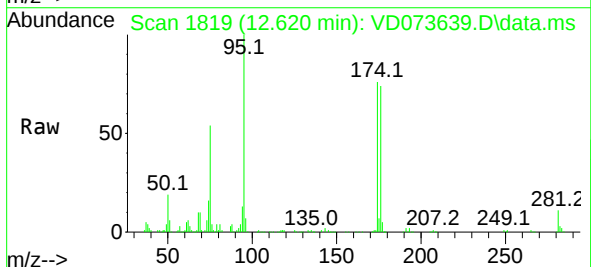
Instrument :
MSVOA_D
ClientSampleId :
VD0621SBL01

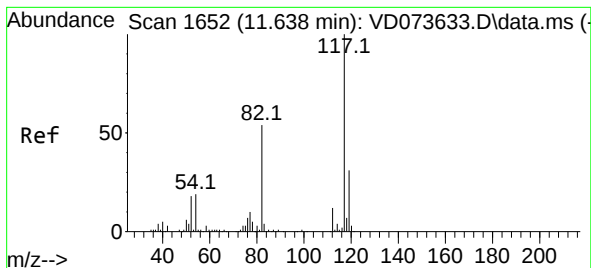
Tgt Ion: 98 Resp: 552894
Ion Ratio Lower Upper
98 100
100 66.4 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 39.543 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073639.D
Acq: 21 Jun 2022 11:32

Tgt Ion: 95 Resp: 182298
Ion Ratio Lower Upper
95 100
174 80.6 0.0 156.4
176 76.1 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: VD073639.D

Acq: 21 Jun 2022 11:32

Instrument :

MSVOA_D

ClientSampleId :

VD0621SBL01

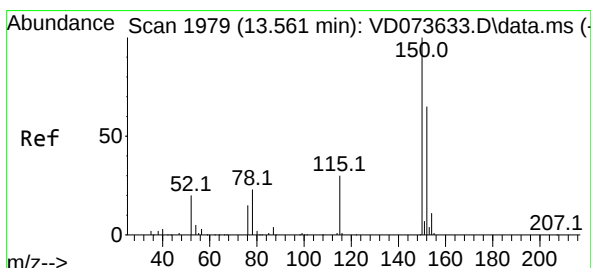
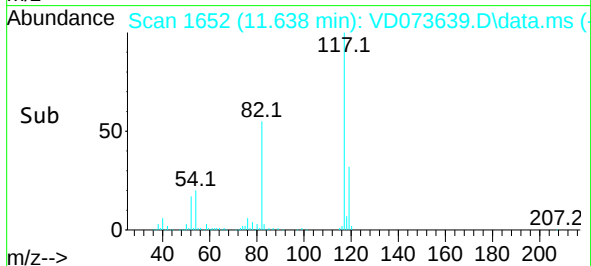
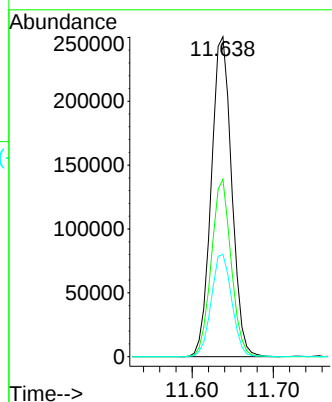
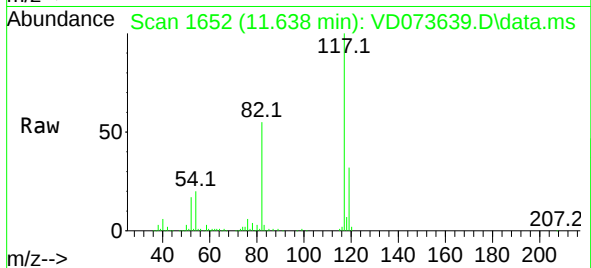
Tgt Ion:117 Resp: 437931

Ion Ratio Lower Upper

117 100

82 55.5 43.0 64.4

119 32.0 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: VD073639.D

Acq: 21 Jun 2022 11:32

Tgt Ion:152 Resp: 190789

Ion Ratio Lower Upper

152 100

115 61.3 29.6 88.9

150 162.2 0.0 351.2

