

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062222\
 Data File : VD073659.D
 Acq On : 22 Jun 2022 17:19
 Operator : VA/SY
 Sample : N3421-04
 Misc : 3.35G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3-0-2-20220620

Quant Time: Jun 23 09:29:10 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	237373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	435194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	401562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	177821	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	139343	51.018	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.040%
35) Dibromofluoromethane	7.908	113	145246	46.006	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.020%
50) Toluene-d8	10.332	98	518286	45.867	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.740%
62) 4-Bromofluorobenzene	12.620	95	166165	40.098	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.200%

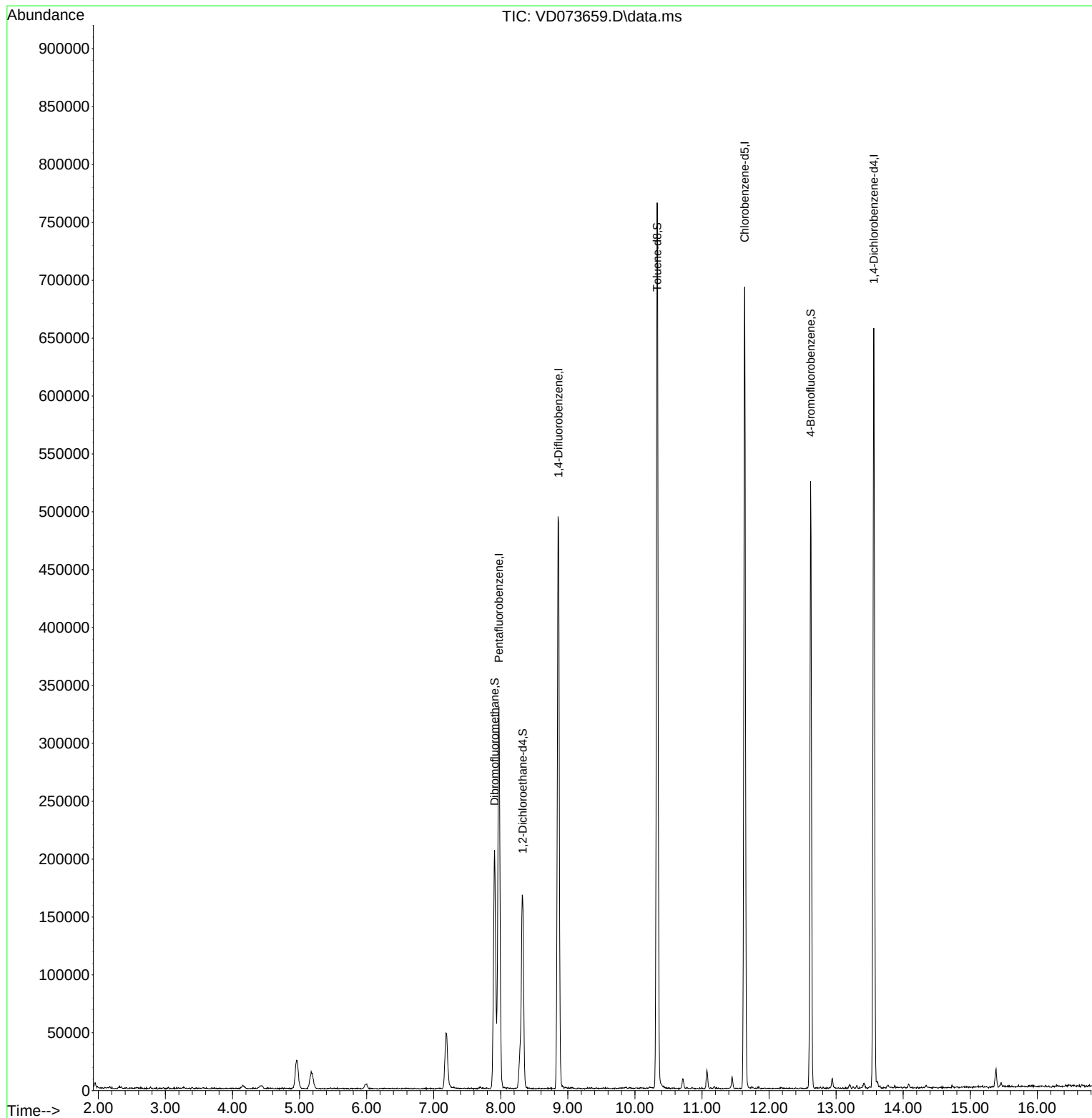
Target Compounds	Qvalue

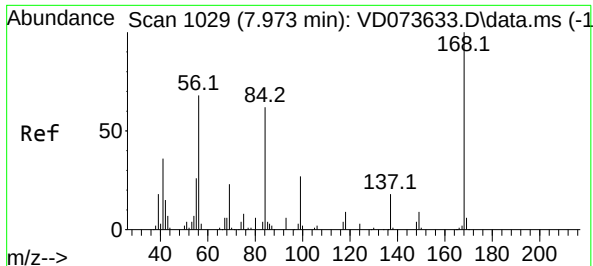
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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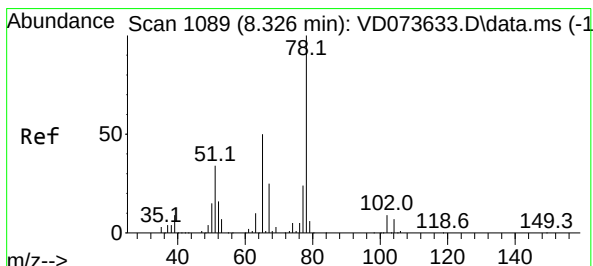
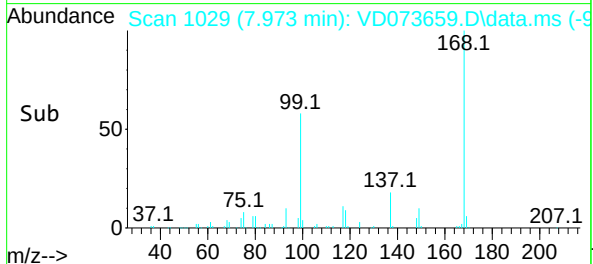
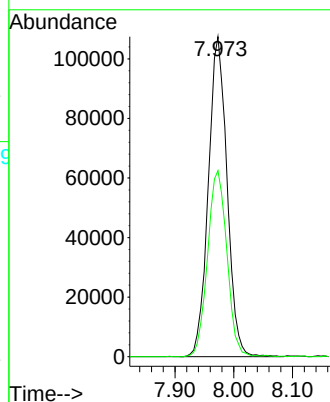
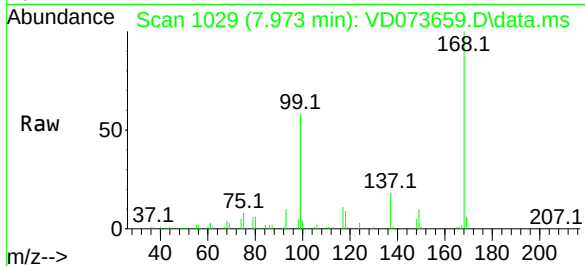




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073659.D
Acq: 22 Jun 2022 17:19

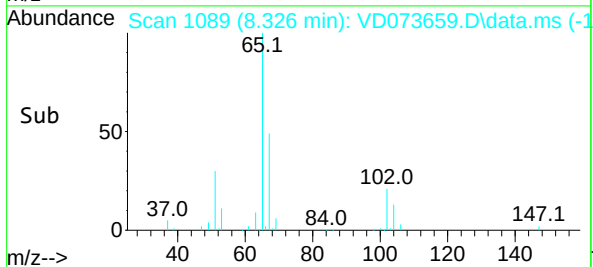
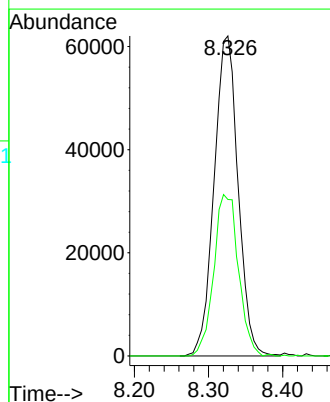
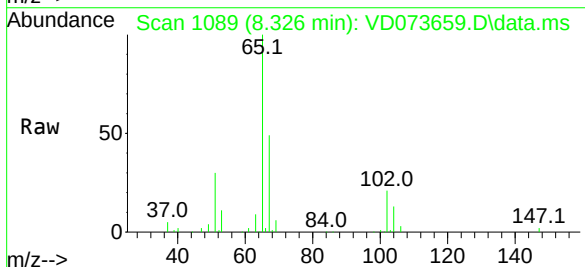
Instrument :
MSVOA_D
ClientSampleId :
SB-3-0-2-20220620

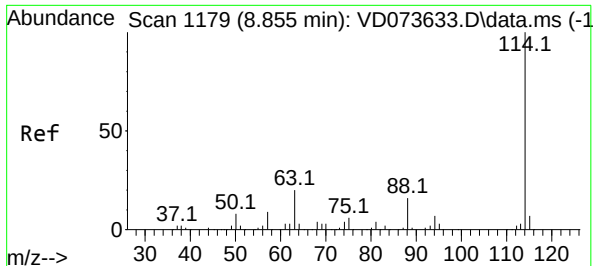
Tgt Ion:168 Resp: 237373
Ion Ratio Lower Upper
168 100
99 58.1 47.4 71.0



#33
1,2-Dichloroethane-d4
Concen: 51.018 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073659.D
Acq: 22 Jun 2022 17:19

Tgt Ion: 65 Resp: 139343
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073659.D

Acq: 22 Jun 2022 17:19

Instrument :

MSVOA_D

ClientSampleId :

SB-3-0-2-20220620

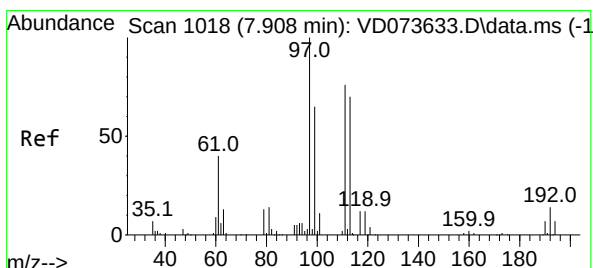
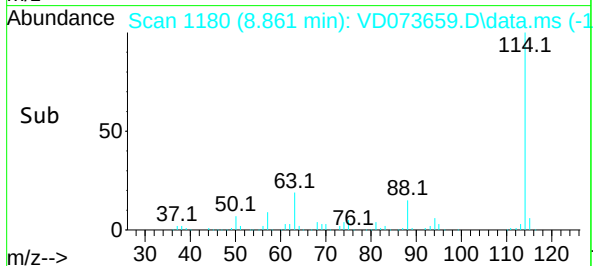
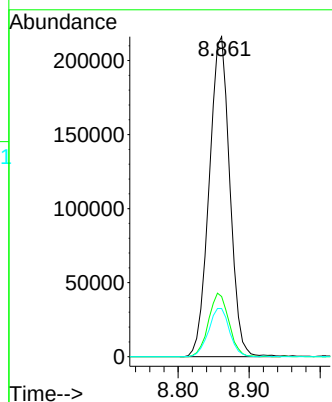
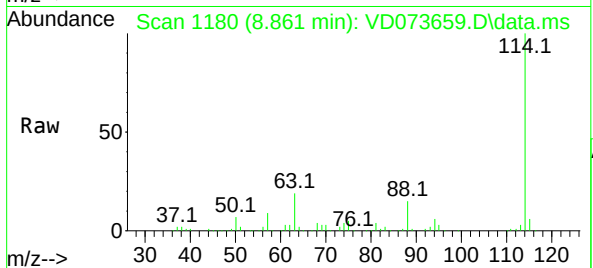
Tgt Ion:114 Resp: 435194

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.4

88 15.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 46.006 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073659.D

Acq: 22 Jun 2022 17:19

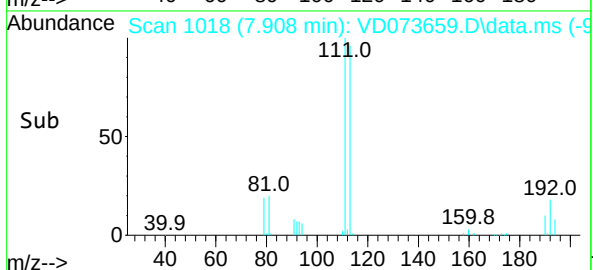
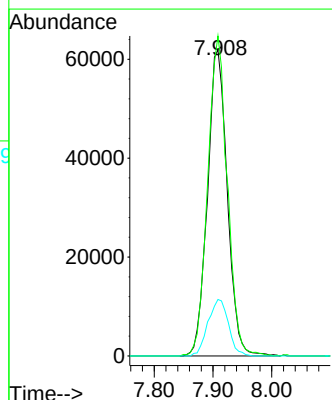
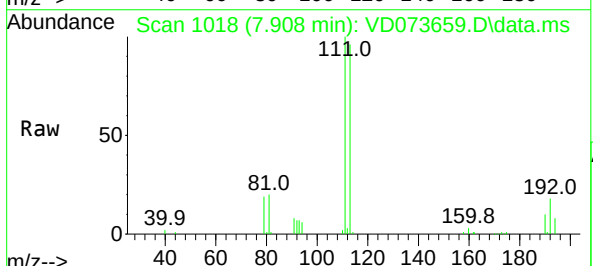
Tgt Ion:113 Resp: 145246

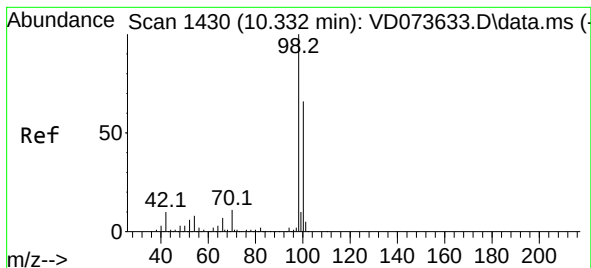
Ion Ratio Lower Upper

113 100

111 103.4 81.1 121.7

192 19.1 14.3 21.5





#50

Toluene-d8

Concen: 45.867 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073659.D

Acq: 22 Jun 2022 17:19

Instrument :

MSVOA_D

ClientSampleId :

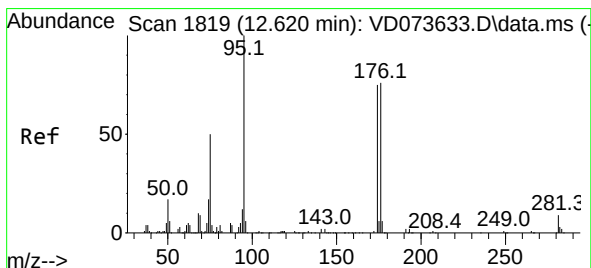
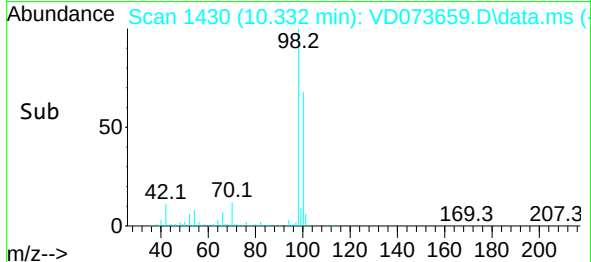
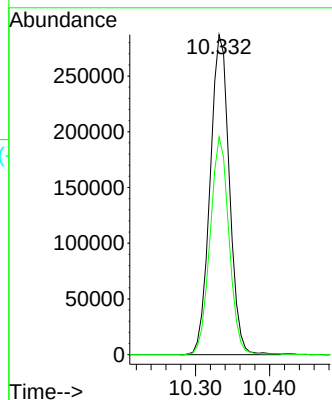
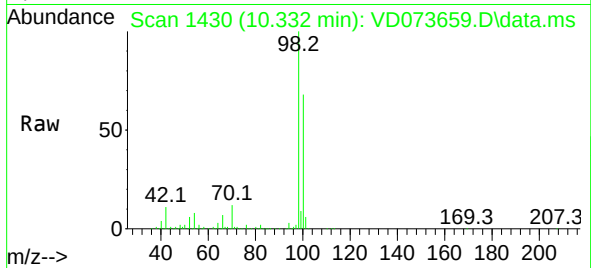
SB-3-0-2-20220620

Tgt Ion: 98 Resp: 518286

Ion Ratio Lower Upper

98 100

100 66.9 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 40.098 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.000 min

Lab File: VD073659.D

Acq: 22 Jun 2022 17:19

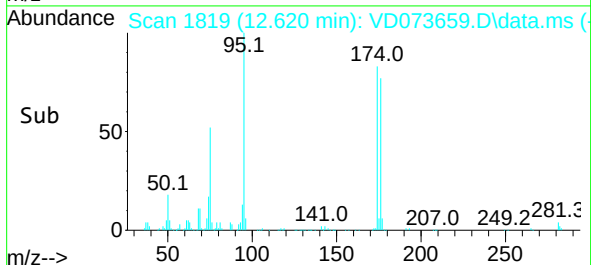
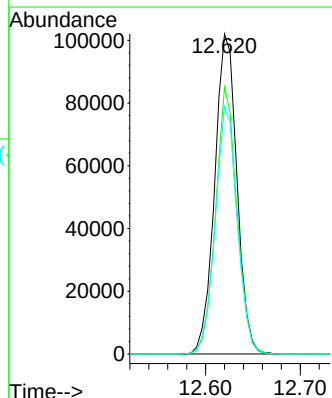
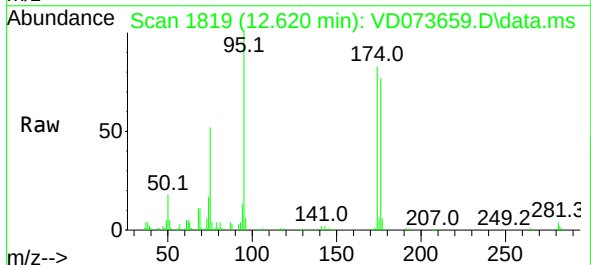
Tgt Ion: 95 Resp: 166165

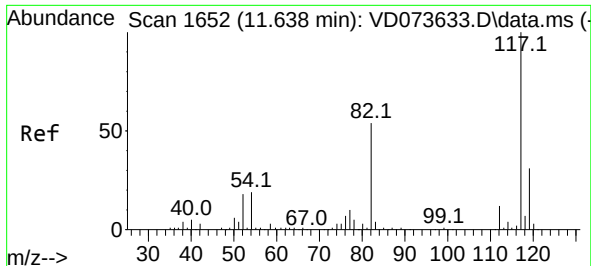
Ion Ratio Lower Upper

95 100

174 80.3 0.0 156.4

176 76.5 0.0 151.8

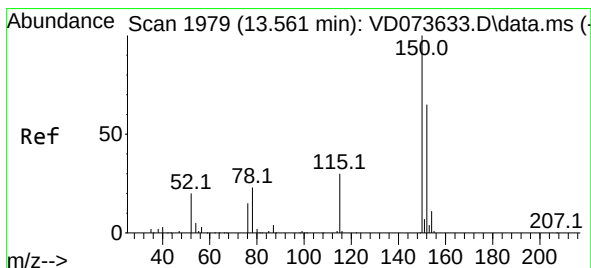
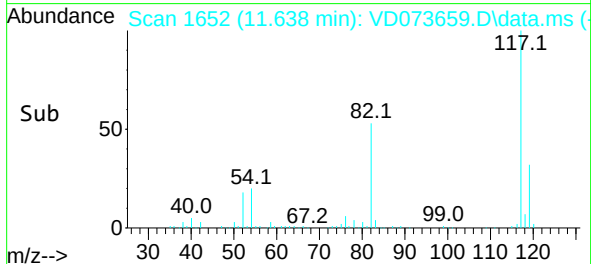
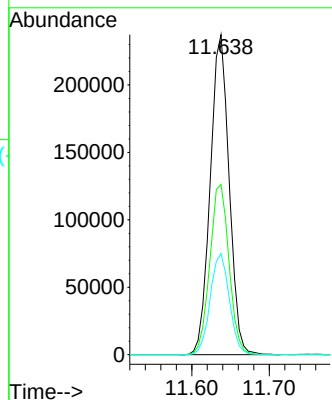
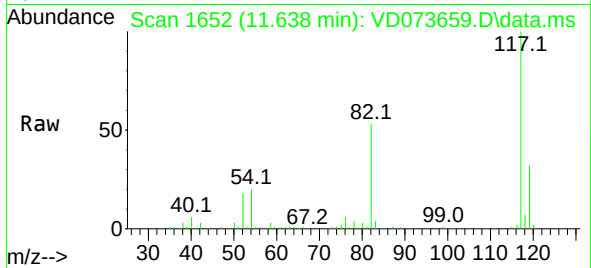




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD073659.D
Acq: 22 Jun 2022 17:19

Instrument :
MSVOA_D
ClientSampleId :
SB-3-0-2-20220620

Tgt Ion:117 Resp: 401562
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 31.6 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: VD073659.D
Acq: 22 Jun 2022 17:19

Tgt Ion:152 Resp: 177821
Ion Ratio Lower Upper
152 100
115 58.6 29.6 88.9
150 156.3 0.0 351.2

