

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062222\
 Data File : VD073660.D
 Acq On : 22 Jun 2022 17:47
 Operator : VA/SY
 Sample : N3421-05
 Misc : 5.76G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3-9-11-20220620

Quant Time: Jun 23 09:29:29 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	233392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	431184	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	404539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	182426	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	141341	52.633	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.260%
35) Dibromofluoromethane	7.903	113	143867	45.993	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.980%
50) Toluene-d8	10.332	98	514950	45.995	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.000%
62) 4-Bromofluorobenzene	12.620	95	171422	41.752	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.500%

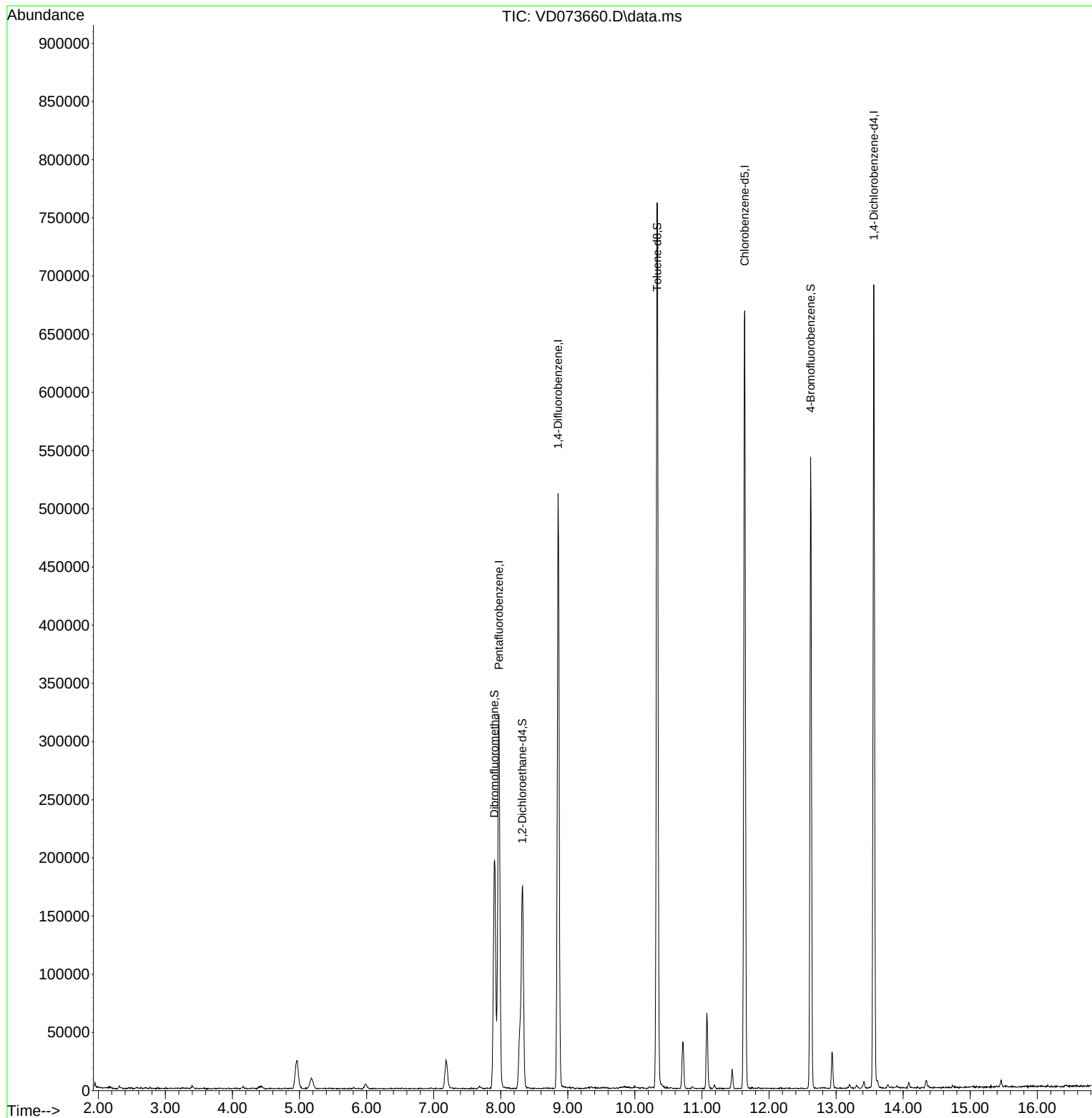
Target Compounds	Qvalue

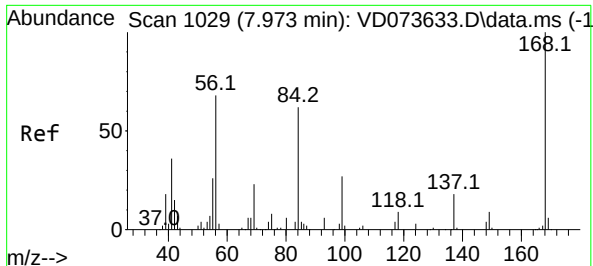
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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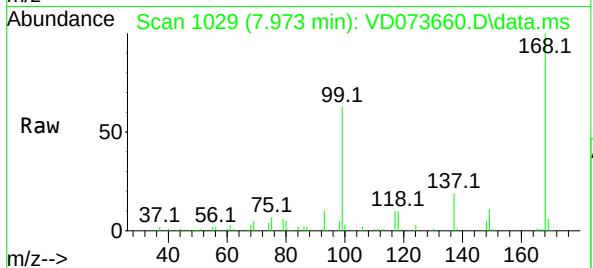
Quant Time: Jun 23 09:29:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
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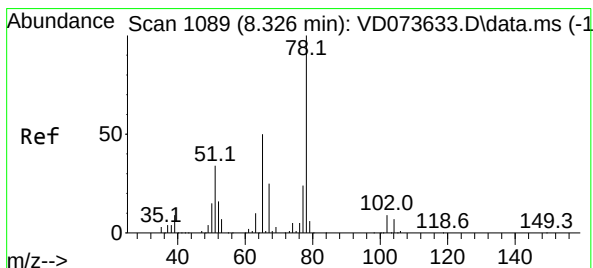
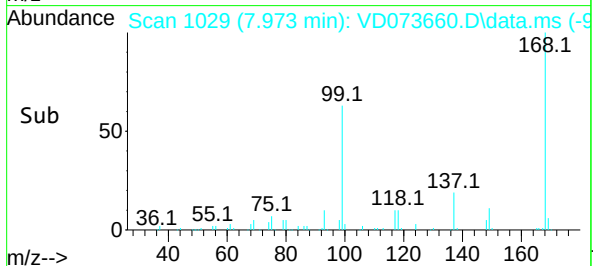
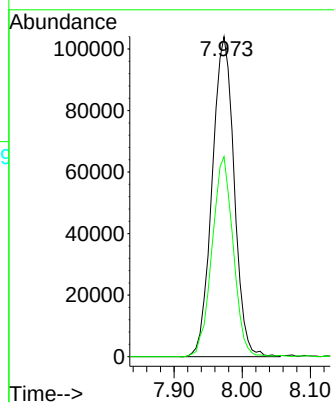


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073660.D
Acq: 22 Jun 2022 17:47

Instrument :
MSVOA_D
ClientSampleId :
SB-3-9-11-20220620

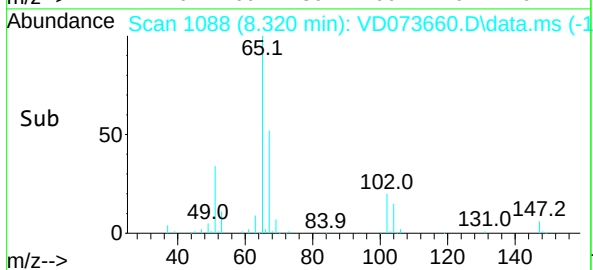
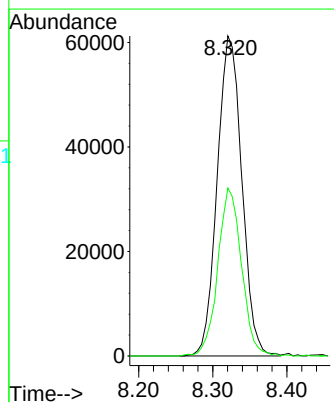
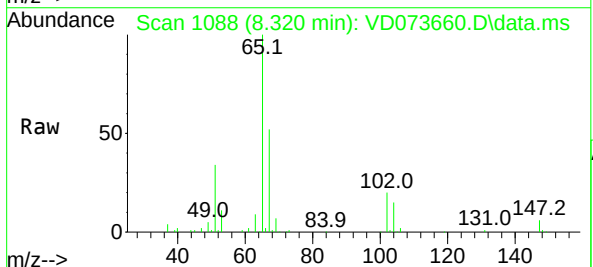


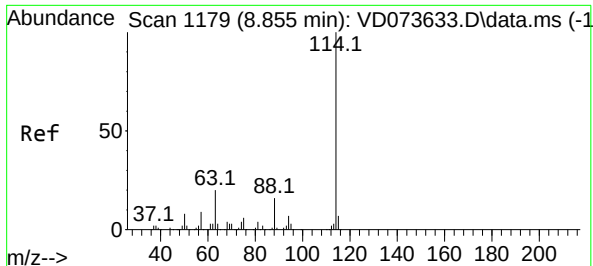
Tgt Ion:168 Resp: 233392
Ion Ratio Lower Upper
168 100
99 62.5 47.4 71.0



#33
1,2-Dichloroethane-d4
Concen: 52.633 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073660.D
Acq: 22 Jun 2022 17:47

Tgt Ion: 65 Resp: 141341
Ion Ratio Lower Upper
65 100
67 50.6 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: VD073660.D

Acq: 22 Jun 2022 17:47

Instrument :

MSVOA_D

ClientSampleId :

SB-3-9-11-20220620

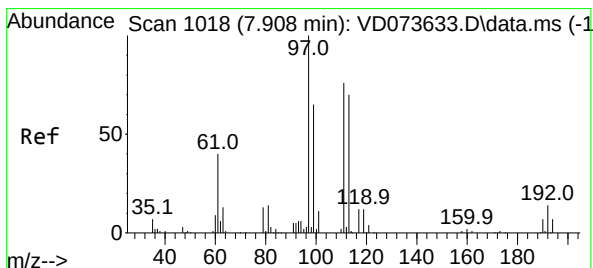
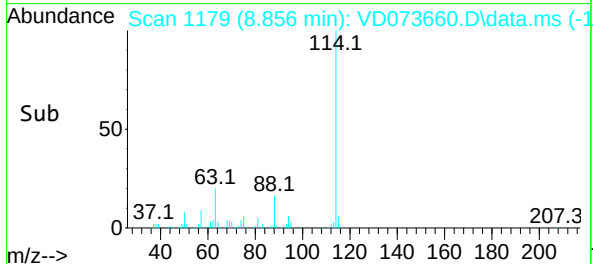
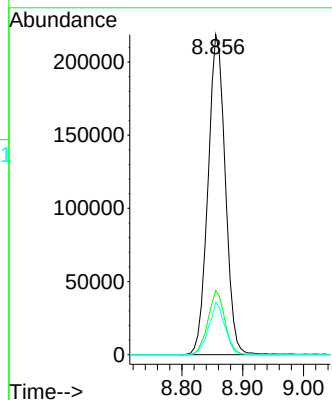
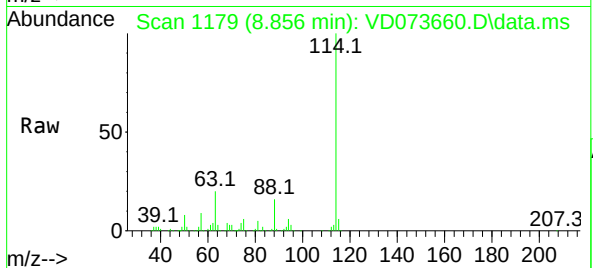
Tgt Ion:114 Resp: 431184

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.4

88 16.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 45.993 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073660.D

Acq: 22 Jun 2022 17:47

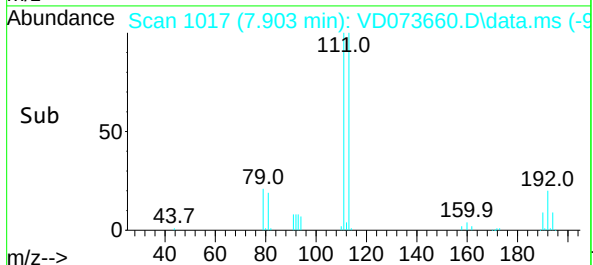
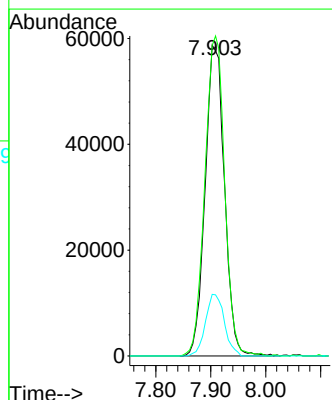
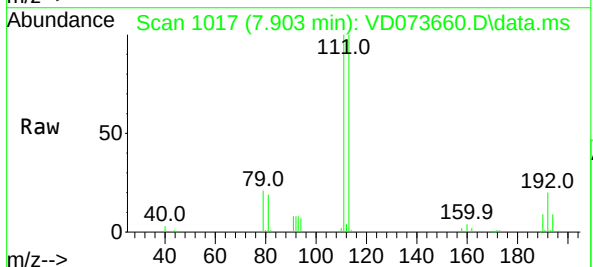
Tgt Ion:113 Resp: 143867

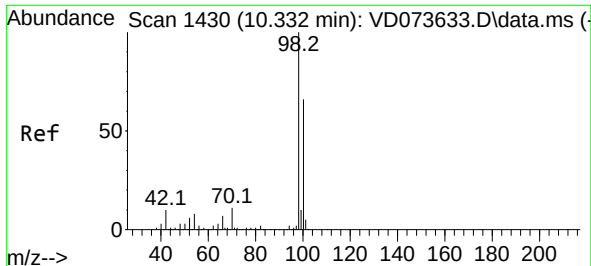
Ion Ratio Lower Upper

113 100

111 105.1 81.1 121.7

192 19.3 14.3 21.5

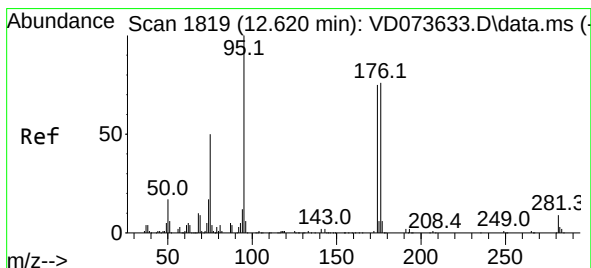
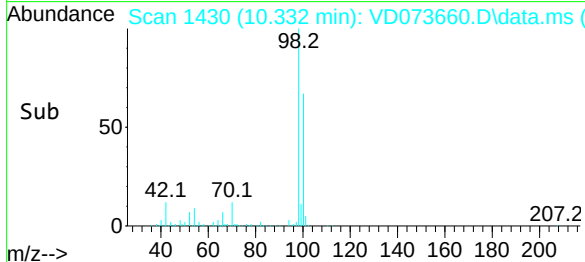
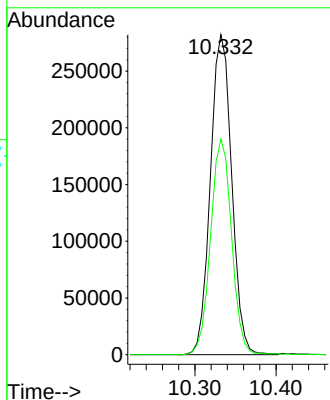
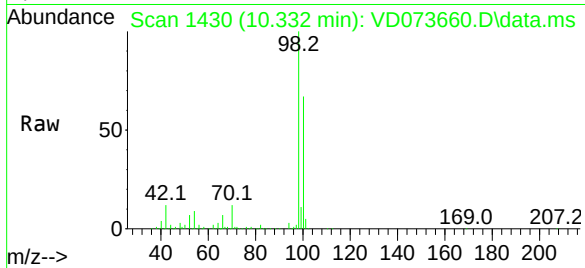




#50
Toluene-d8
Concen: 45.995 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073660.D
Acq: 22 Jun 2022 17:47

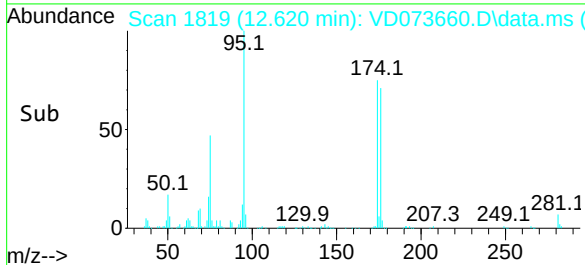
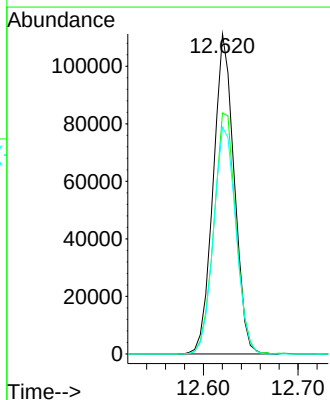
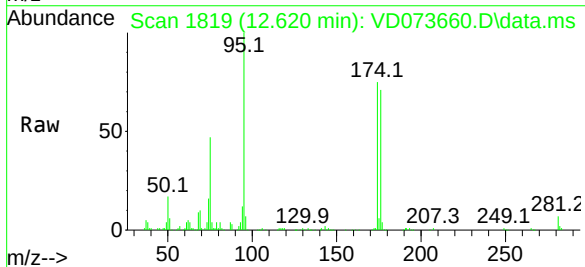
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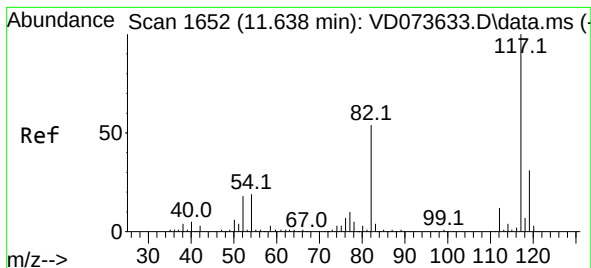
Tgt Ion: 98 Resp: 514950
Ion Ratio Lower Upper
98 100
100 66.5 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 41.752 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073660.D
Acq: 22 Jun 2022 17:47

Tgt Ion: 95 Resp: 171422
Ion Ratio Lower Upper
95 100
174 79.3 0.0 156.4
176 75.4 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: VD073660.D

Acq: 22 Jun 2022 17:47

Instrument :

MSVOA_D

ClientSampleId :

SB-3-9-11-20220620

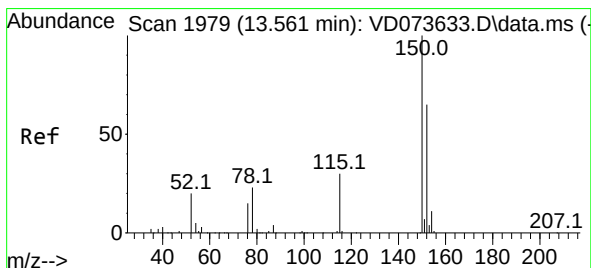
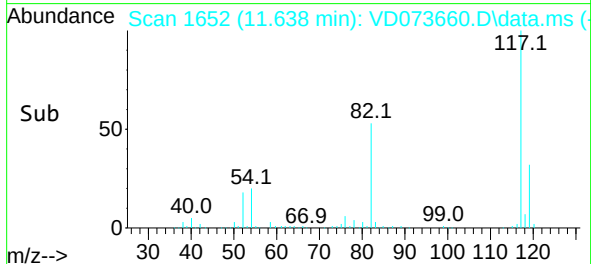
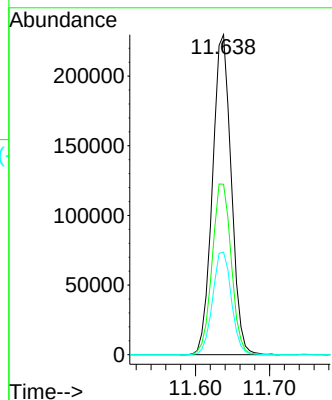
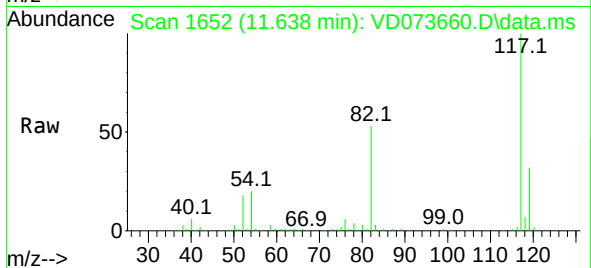
Tgt Ion:117 Resp: 404539

Ion Ratio Lower Upper

117 100

82 53.2 43.0 64.4

119 32.1 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: VD073660.D

Acq: 22 Jun 2022 17:47

Tgt Ion:152 Resp: 182426

Ion Ratio Lower Upper

152 100

115 59.2 29.6 88.9

150 157.2 0.0 351.2

