

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061422\
 Data File : VD073574.D
 Acq On : 14 Jun 2022 17:34
 Operator : VA/SY
 Sample : N3293-03
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 30875

Quant Time: Jun 15 01:37:39 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	97996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	176937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	262171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	153002	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	69171	65.775	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.560%
35) Dibromofluoromethane	7.909	113	67637	59.447	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.900%
50) Toluene-d8	10.332	98	235335	54.706	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.420%
62) 4-Bromofluorobenzene	12.620	95	134908	86.387	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	172.780%#

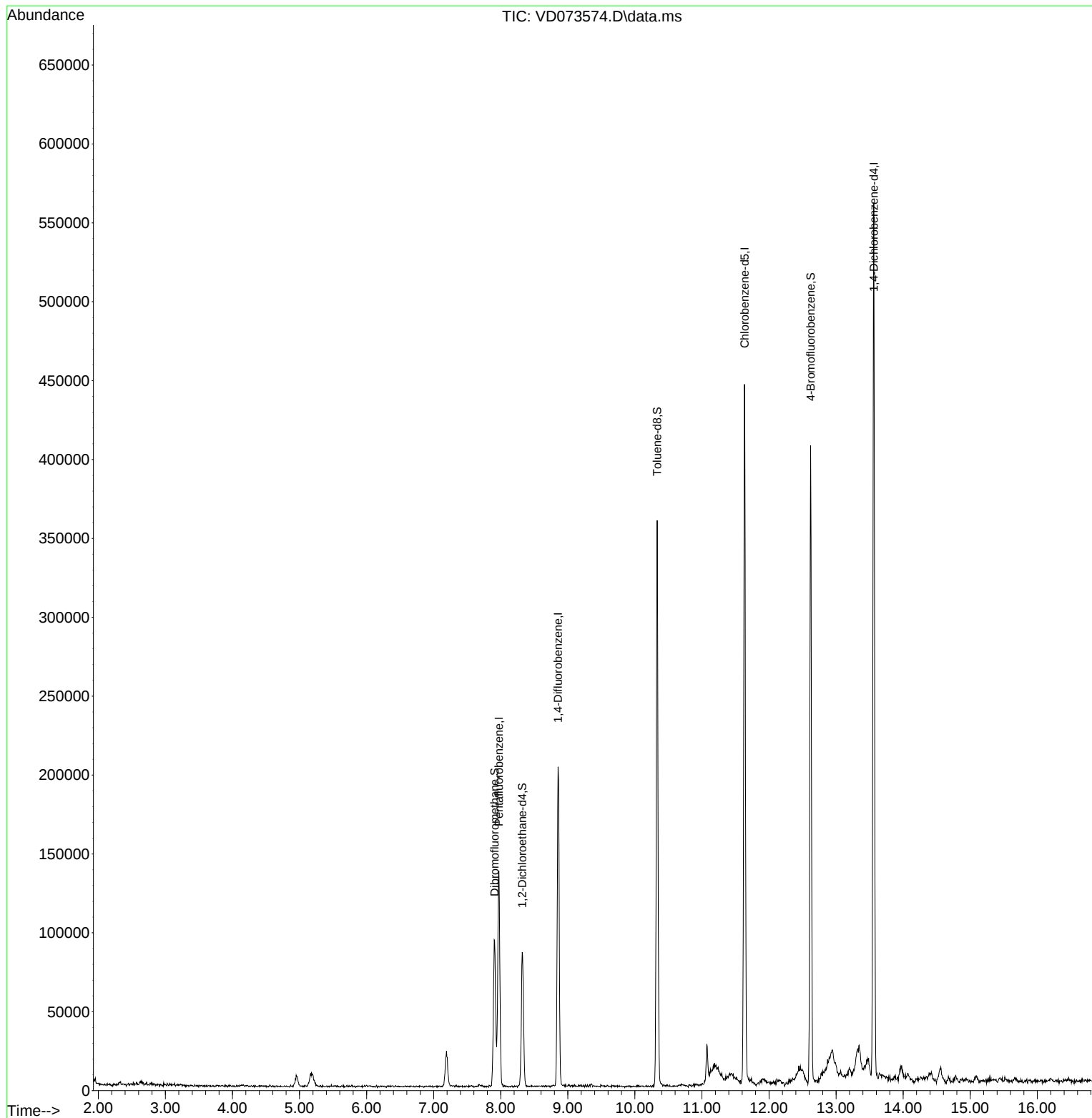
Target Compounds	Qvalue

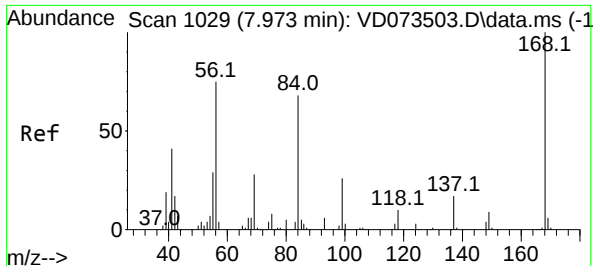
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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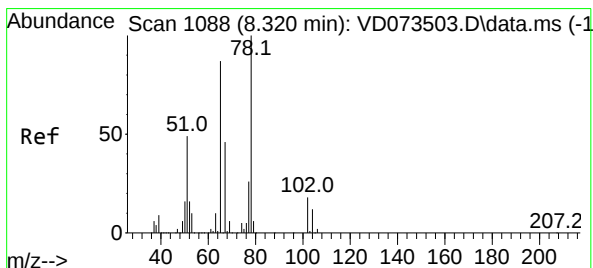
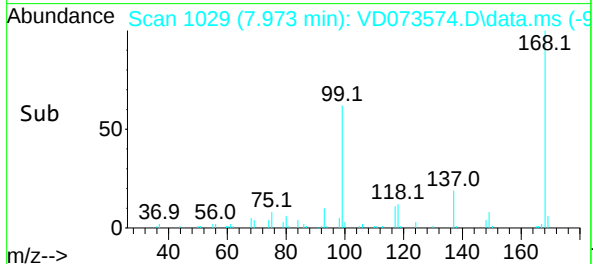
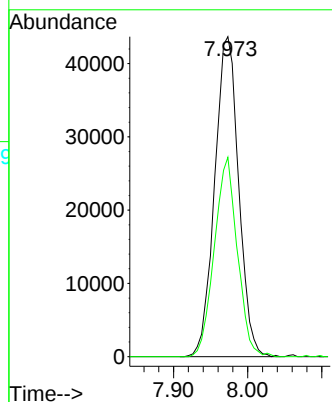
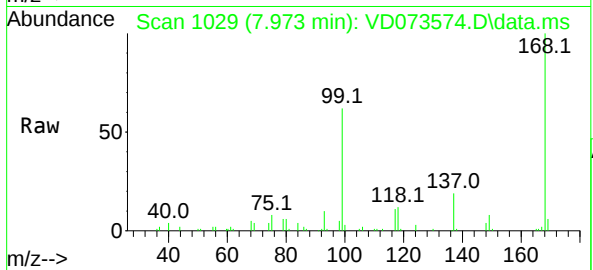




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073574.D
Acq: 14 Jun 2022 17:34

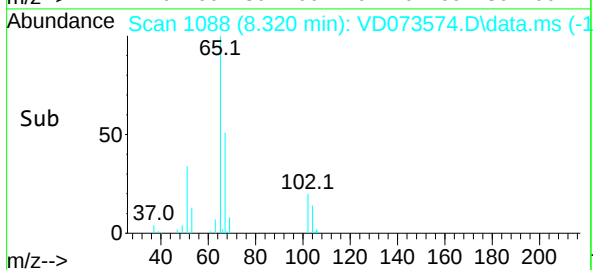
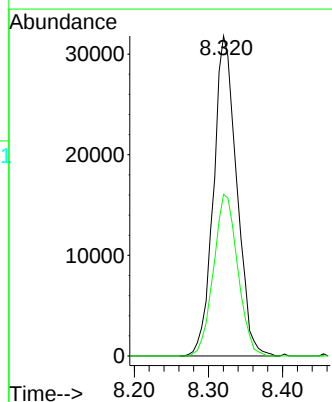
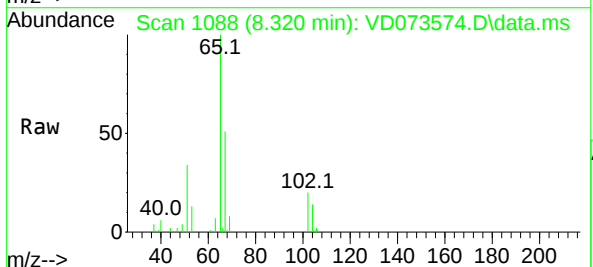
Instrument :
MSVOA_D
ClientSampleId :
30875

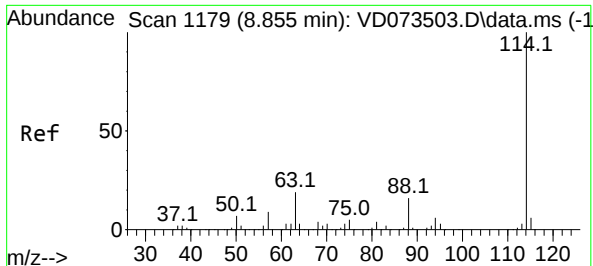
Tgt Ion:168 Resp: 97996
Ion Ratio Lower Upper
168 100
99 62.3 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 65.775 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073574.D
Acq: 14 Jun 2022 17:34

Tgt Ion: 65 Resp: 69171
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073574.D

Acq: 14 Jun 2022 17:34

Instrument :

MSVOA_D

ClientSampleId :

30875

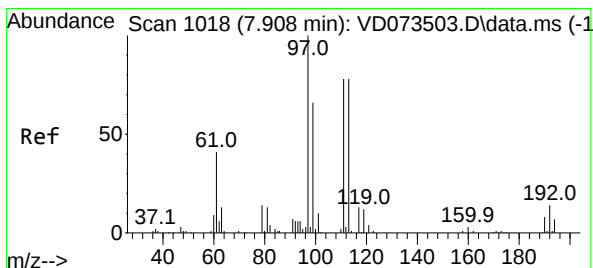
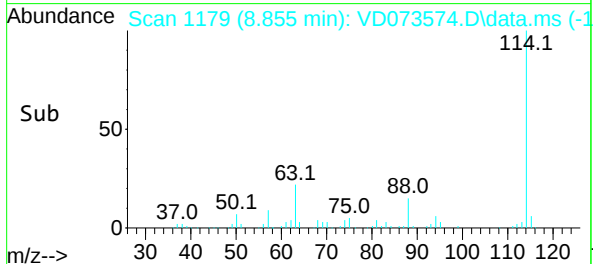
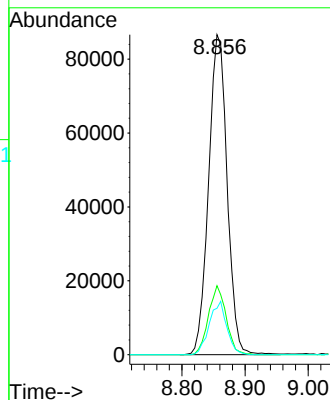
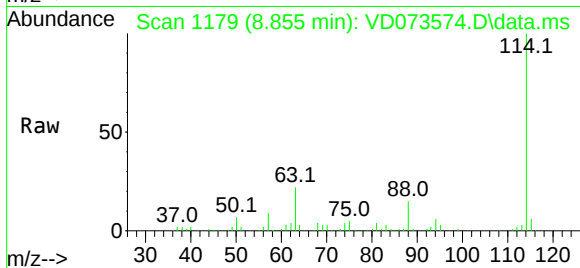
Tgt Ion:114 Resp: 176937

Ion Ratio Lower Upper

114 100

63 21.6 0.0 46.6

88 14.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 59.447 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073574.D

Acq: 14 Jun 2022 17:34

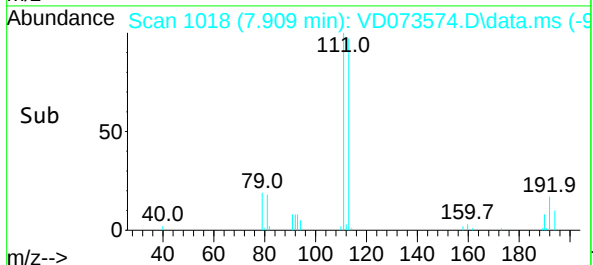
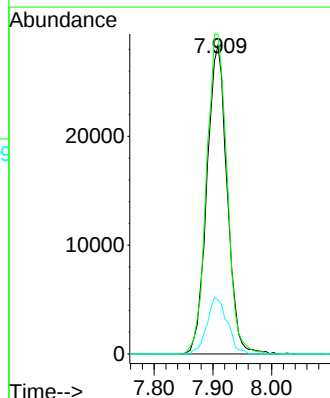
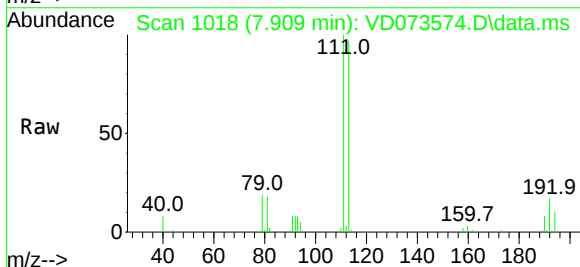
Tgt Ion:113 Resp: 67637

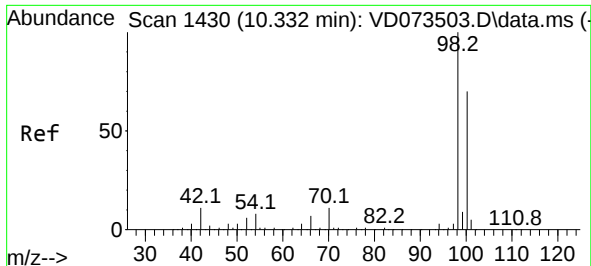
Ion Ratio Lower Upper

113 100

111 105.4 83.8 125.6

192 18.4 14.6 21.8

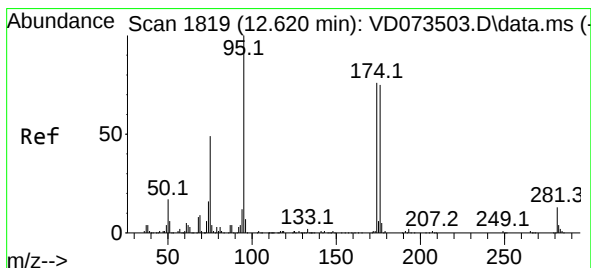
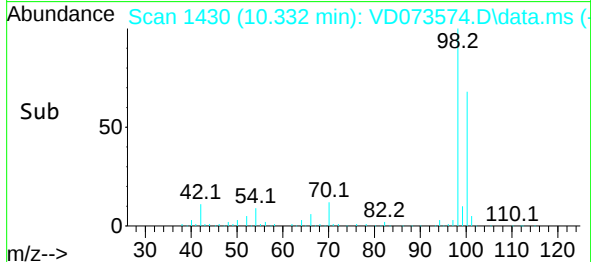
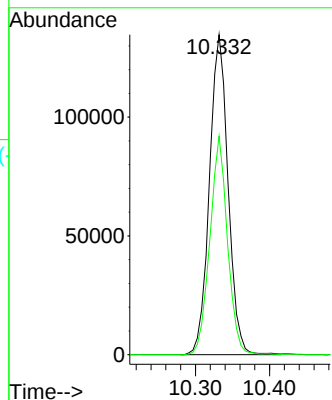
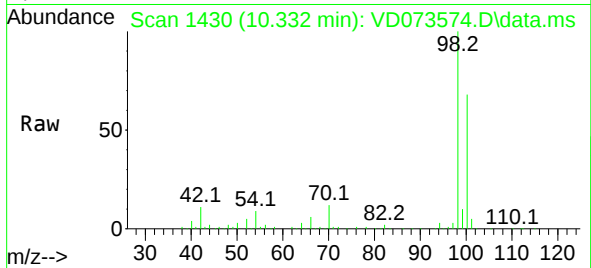




#50
Toluene-d8
Concen: 54.706 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073574.D
Acq: 14 Jun 2022 17:34

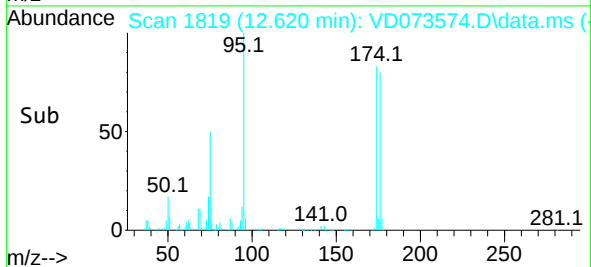
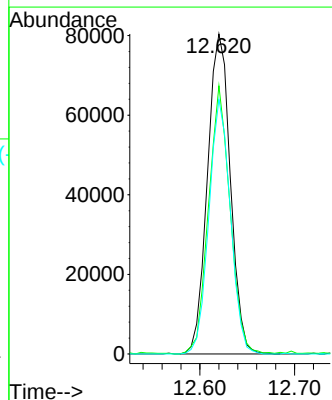
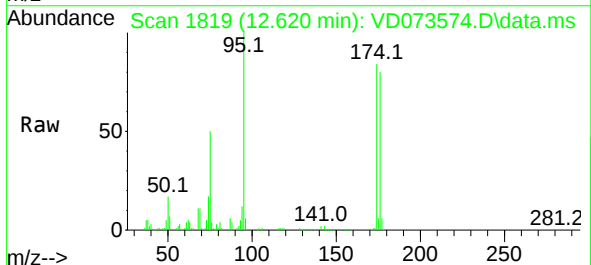
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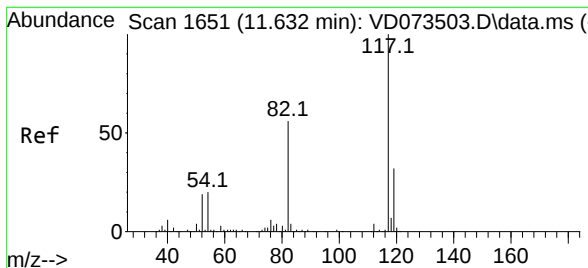
Tgt Ion: 98 Resp: 235335
Ion Ratio Lower Upper
98 100
100 64.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 86.387 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073574.D
Acq: 14 Jun 2022 17:34

Tgt Ion: 95 Resp: 134908
Ion Ratio Lower Upper
95 100
174 78.8 0.0 152.8
176 74.6 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: VD073574.D

Acq: 14 Jun 2022 17:34

Instrument :

MSVOA_D

ClientSampleId :

30875

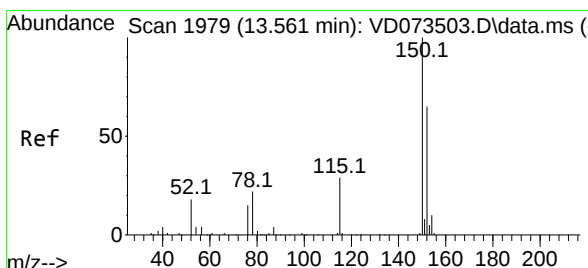
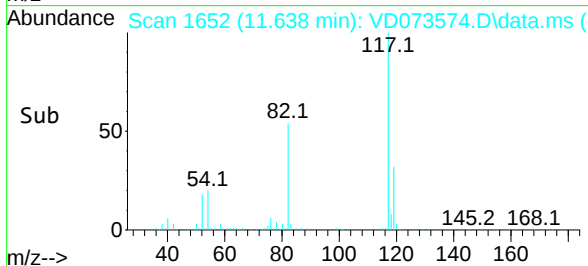
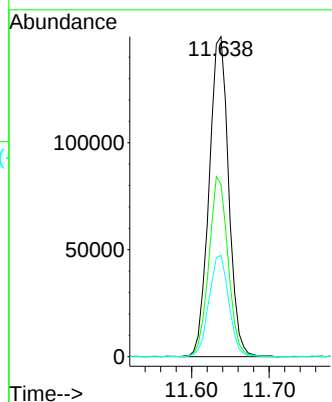
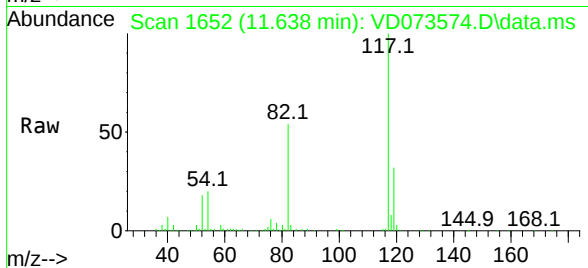
Tgt Ion:117 Resp: 262171

Ion Ratio Lower Upper

117 100

82 53.9 45.3 67.9

119 31.7 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: VD073574.D

Acq: 14 Jun 2022 17:34

Tgt Ion:152 Resp: 153002

Ion Ratio Lower Upper

152 100

115 59.9 31.3 93.8

150 156.8 0.0 348.6

