

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061322\
 Data File : VD073543.D
 Acq On : 13 Jun 2022 13:45
 Operator : VA/SY
 Sample : N3282-01
 Misc : 4.72G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 125

Quant Time: Jun 13 15:33:13 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	210804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	404306	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	474012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	251591	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	127761	56.476	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.960%
35) Dibromofluoromethane	7.908	113	138398	53.233	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.460%
50) Toluene-d8	10.332	98	509807	51.864	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.720%
62) 4-Bromofluorobenzene	12.620	95	245637	68.836	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	137.680%

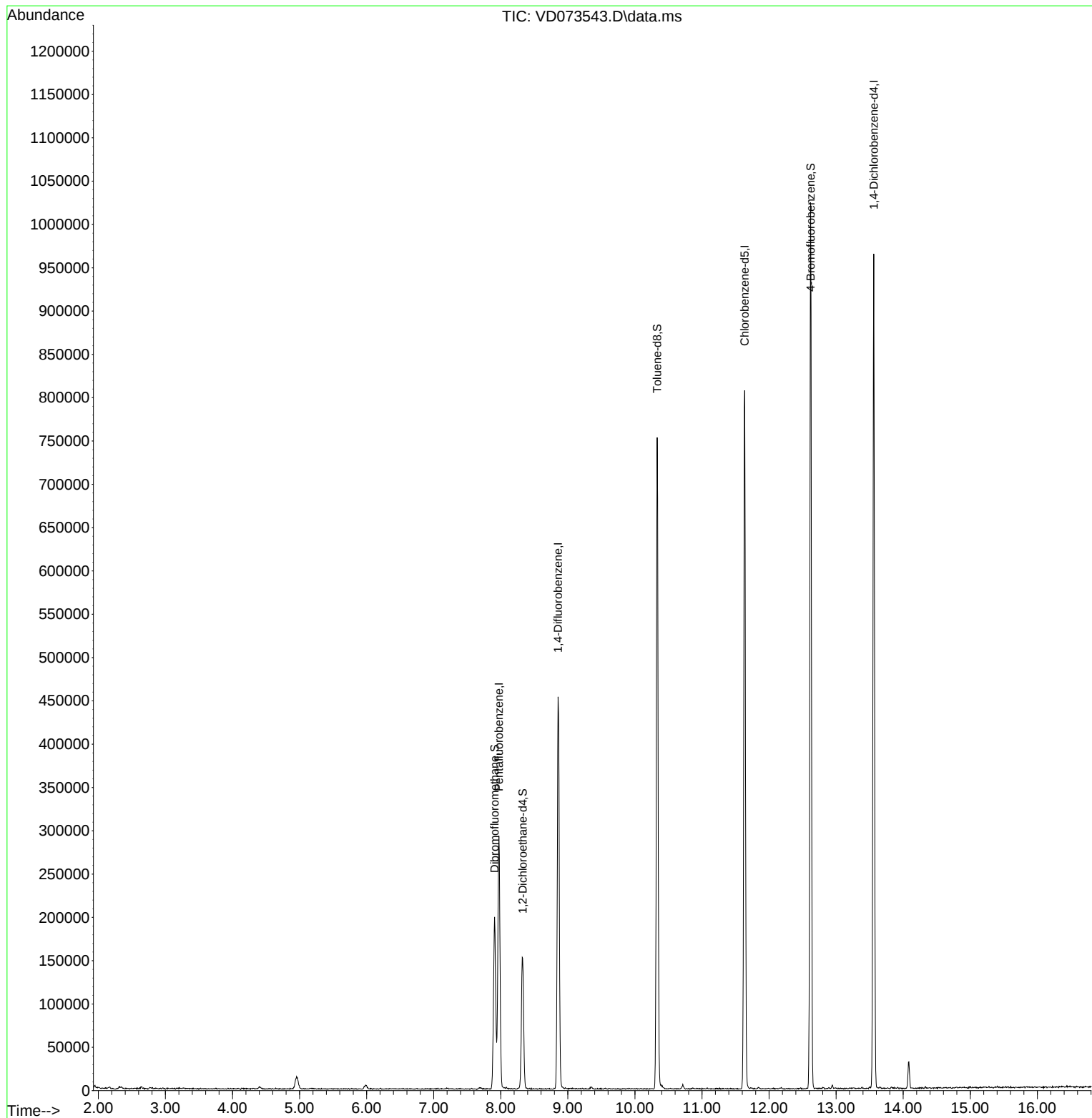
Target Compounds	Qvalue

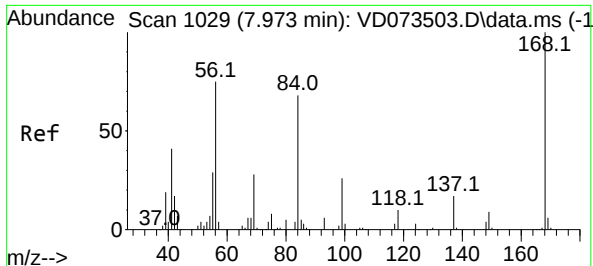
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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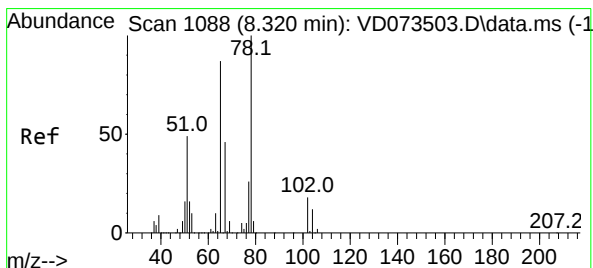
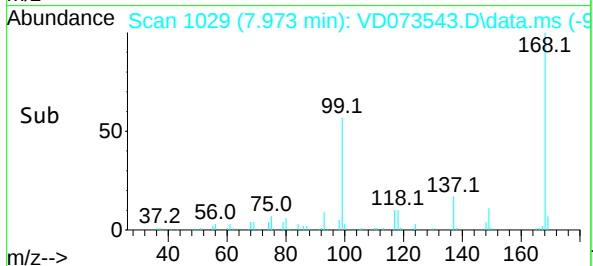
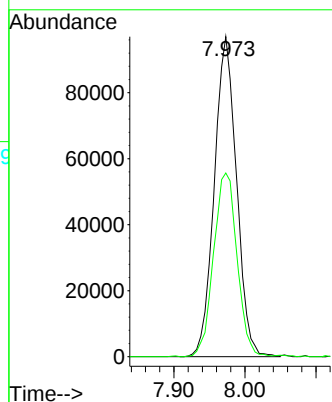
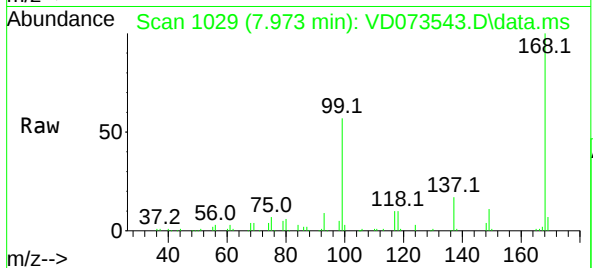




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073543.D
Acq: 13 Jun 2022 13:45

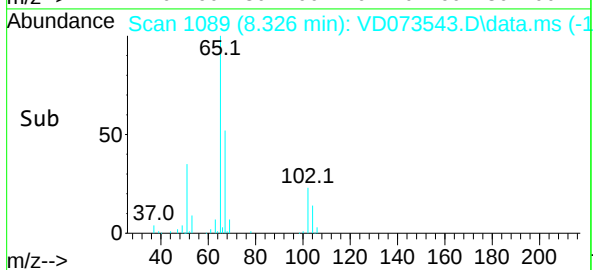
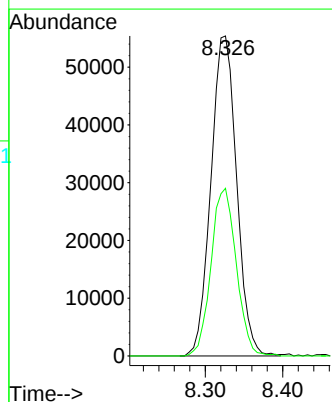
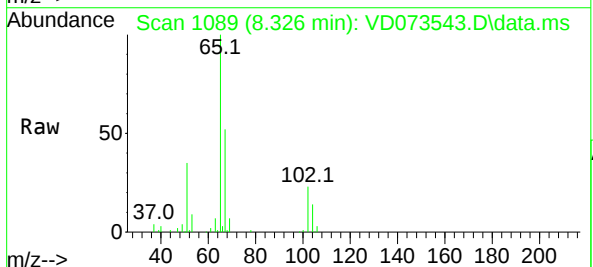
Instrument :
MSVOA_D
ClientSampleId :
125

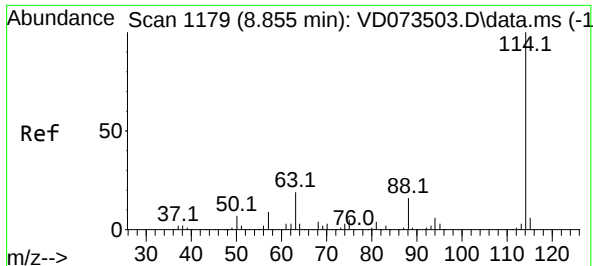
Tgt Ion:168 Resp: 210804
Ion Ratio Lower Upper
168 100
99 57.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 56.476 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073543.D
Acq: 13 Jun 2022 13:45

Tgt Ion: 65 Resp: 127761
Ion Ratio Lower Upper
65 100
67 51.5 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: VD073543.D

Acq: 13 Jun 2022 13:45

Instrument :

MSVOA_D

ClientSampleId :

125

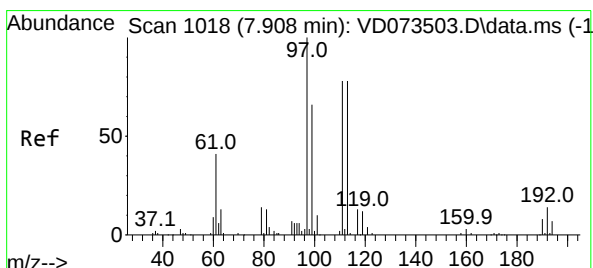
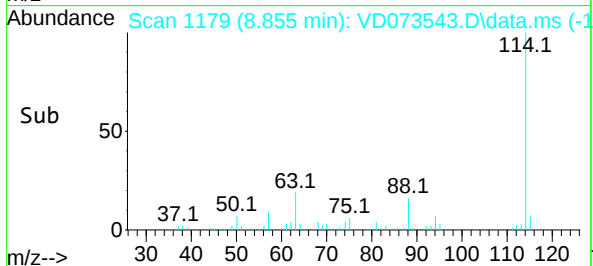
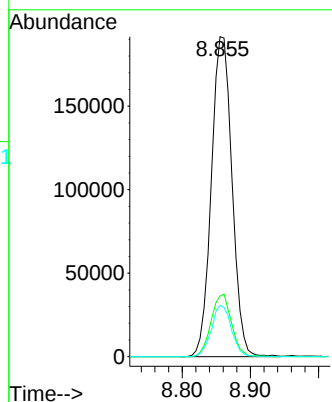
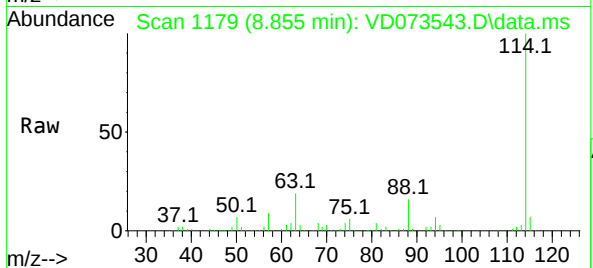
Tgt Ion:114 Resp: 404306

Ion Ratio Lower Upper

114 100

63 18.9 0.0 46.6

88 16.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 53.233 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073543.D

Acq: 13 Jun 2022 13:45

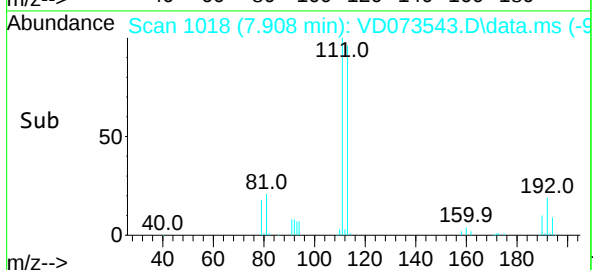
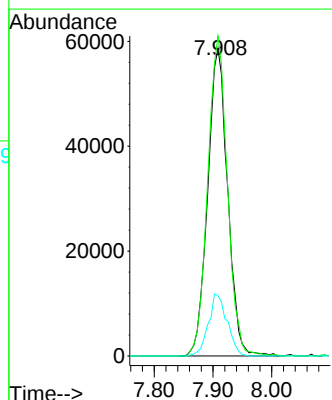
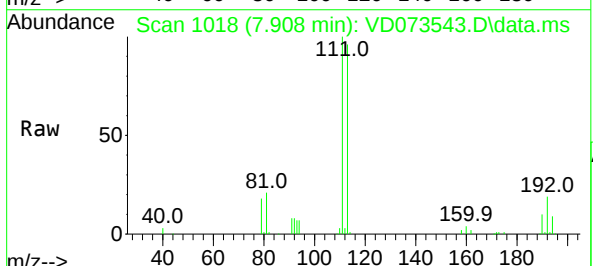
Tgt Ion:113 Resp: 138398

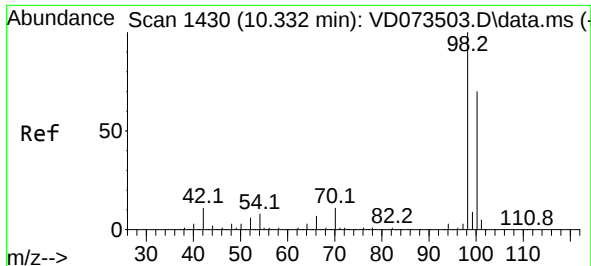
Ion Ratio Lower Upper

113 100

111 102.7 83.8 125.6

192 18.9 14.6 21.8

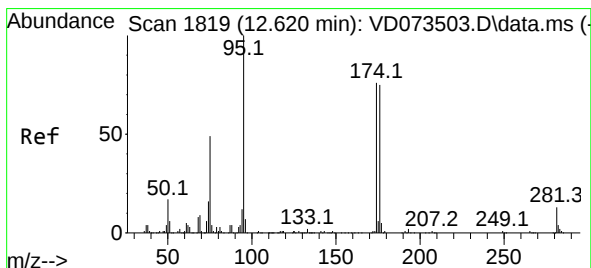
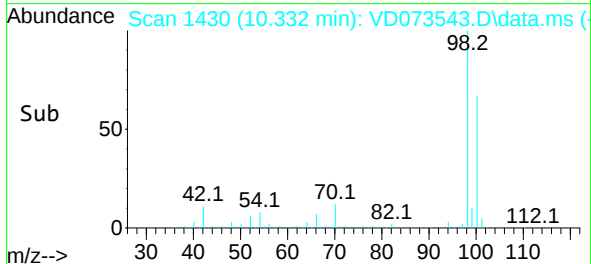
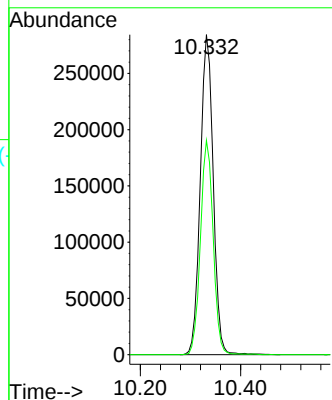
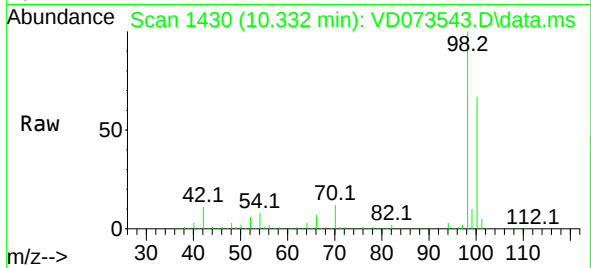




#50
Toluene-d8
Concen: 51.864 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073543.D
Acq: 13 Jun 2022 13:45

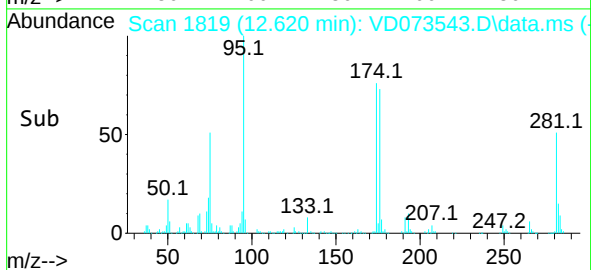
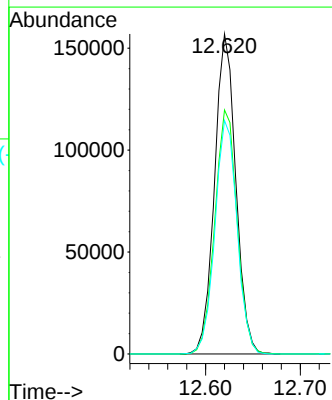
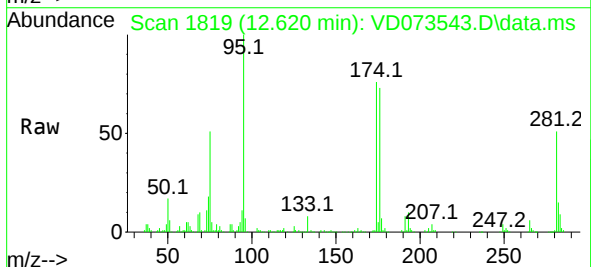
Instrument :
MSVOA_D
ClientSampleId :
125

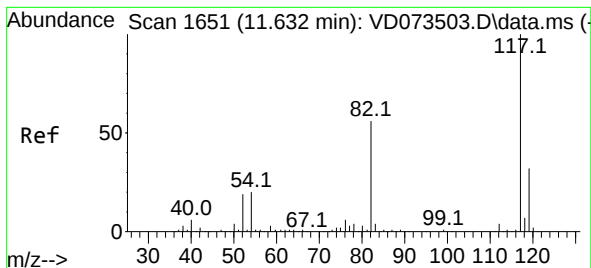
Tgt Ion: 98 Resp: 509807
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 68.836 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073543.D
Acq: 13 Jun 2022 13:45

Tgt Ion: 95 Resp: 245637
Ion Ratio Lower Upper
95 100
174 79.7 0.0 152.8
176 75.7 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: VD073543.D

Acq: 13 Jun 2022 13:45

Instrument :

MSVOA_D

ClientSampleId :

125

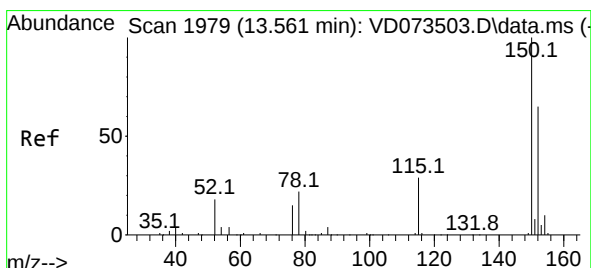
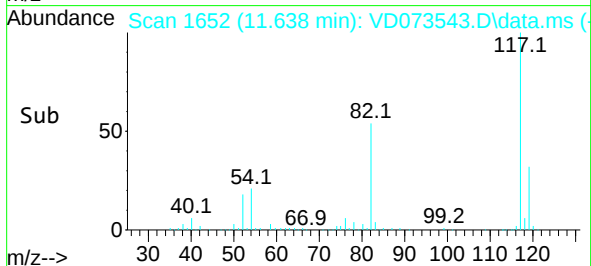
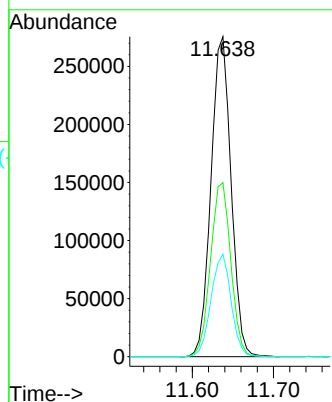
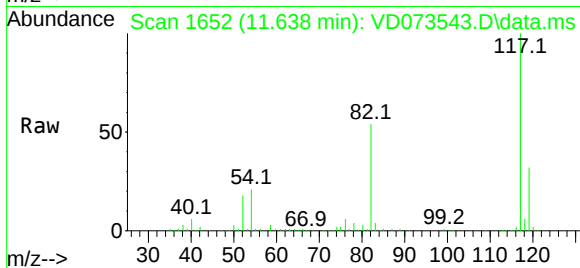
Tgt Ion:117 Resp: 474012

Ion Ratio Lower Upper

117 100

82 54.4 45.3 67.9

119 32.1 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: VD073543.D

Acq: 13 Jun 2022 13:45

Tgt Ion:152 Resp: 251591

Ion Ratio Lower Upper

152 100

115 60.1 31.3 93.8

150 157.5 0.0 348.6

