

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080222\
 Data File : VD073934.D
 Acq On : 02 Aug 2022 19:00
 Operator : VA/SY
 Sample : N3979-01
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-06-072922

Quant Time: Aug 03 04:15:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 05:13:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	96752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	213605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	218245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	103509	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	67986	89.006	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	178.020%#
35) Dibromofluoromethane	7.903	113	79605	59.981	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.960%
50) Toluene-d8	10.326	98	268719	60.109	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	120.220%
62) 4-Bromofluorobenzene	12.620	95	95892	58.329	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.660%

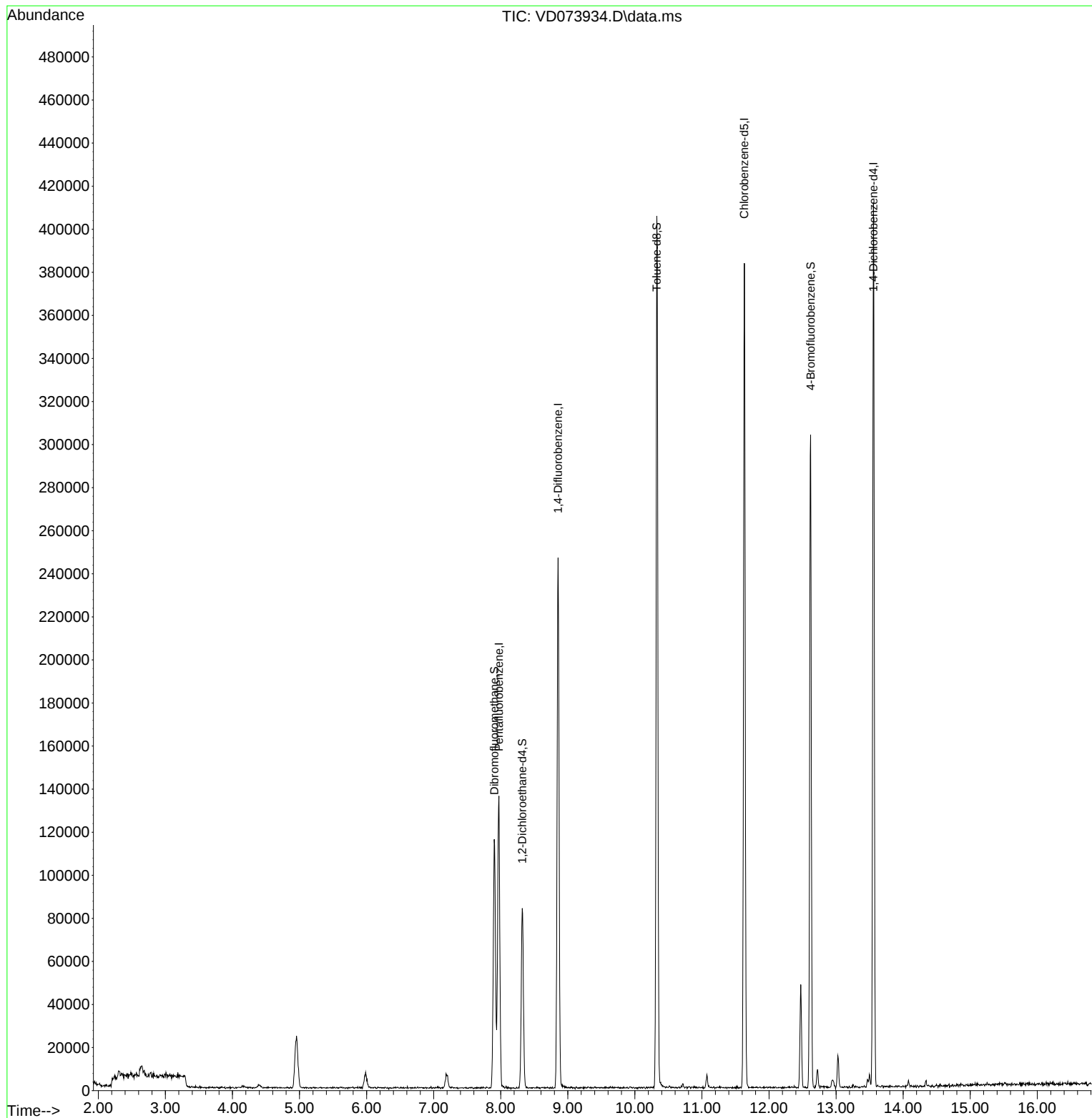
Target Compounds	Qvalue

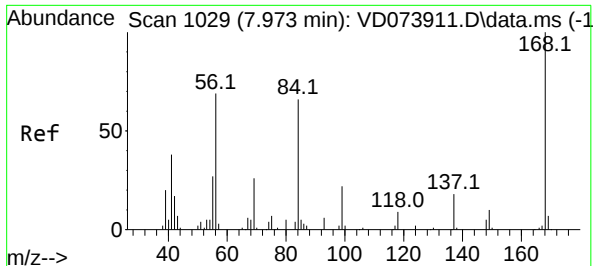
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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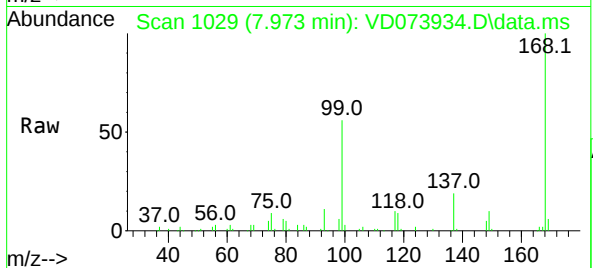
Quant Time: Aug 03 04:15:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
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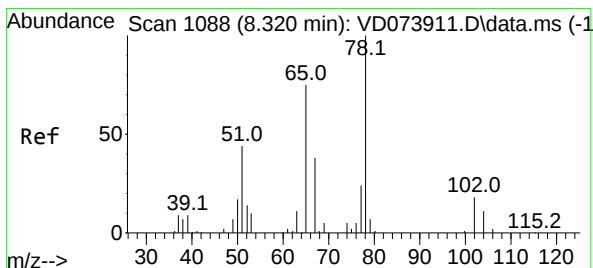
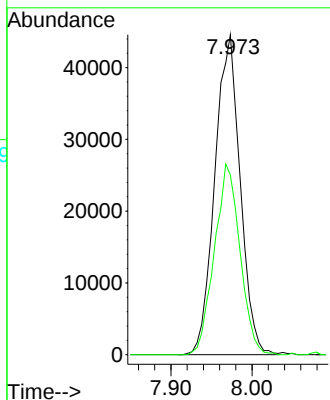
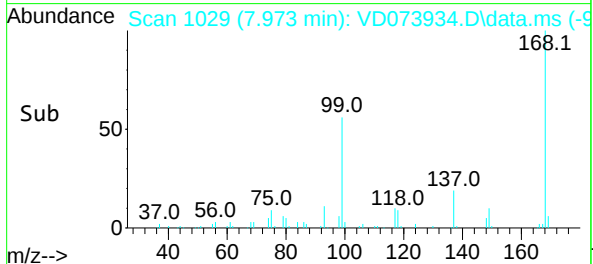


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073934.D
Acq: 02 Aug 2022 19:00

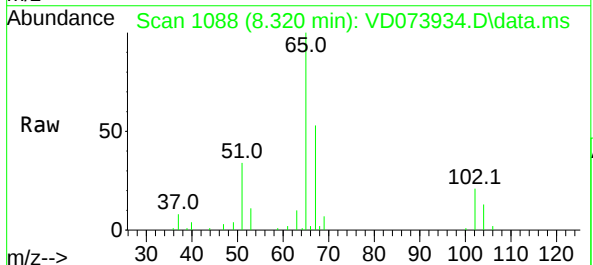
Instrument :
MSVOA_D
ClientSampleId :
TR-06-072922



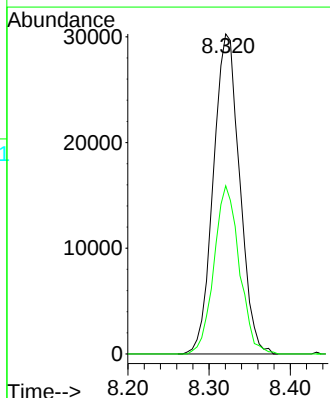
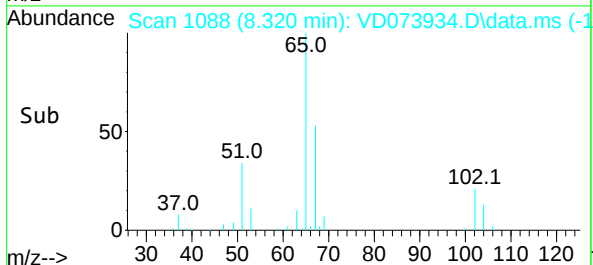
Tgt Ion:168 Resp: 96752
Ion Ratio Lower Upper
168 100
99 56.2 52.2 78.4

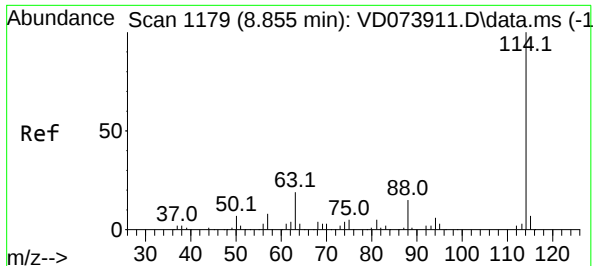


#33
1,2-Dichloroethane-d4
Concen: 89.006 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073934.D
Acq: 02 Aug 2022 19:00



Tgt Ion: 65 Resp: 67986
Ion Ratio Lower Upper
65 100
67 50.8 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: VD073934.D

Acq: 02 Aug 2022 19:00

Instrument :

MSVOA_D

ClientSampleId :

TR-06-072922

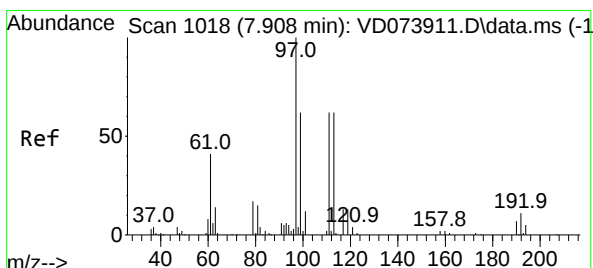
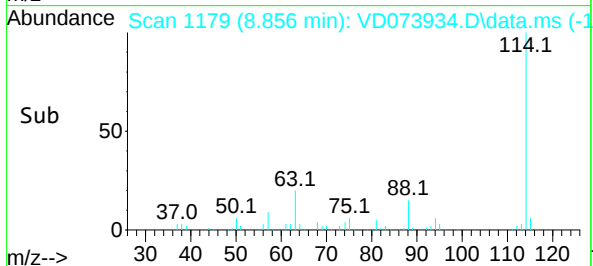
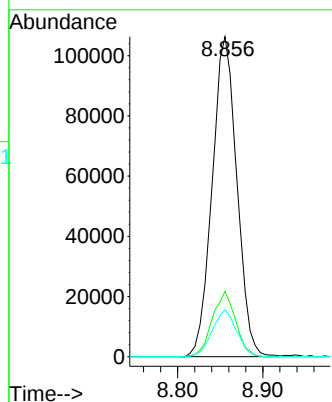
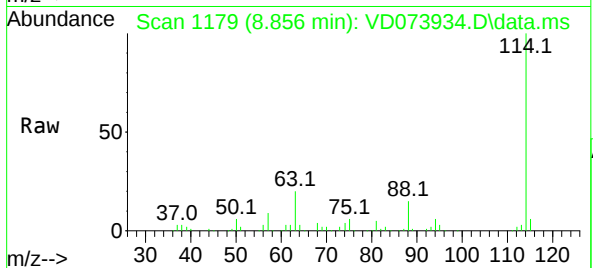
Tgt Ion:114 Resp: 213605

Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.6

88 14.6 0.0 30.2



#35

Dibromofluoromethane

Concen: 59.981 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073934.D

Acq: 02 Aug 2022 19:00

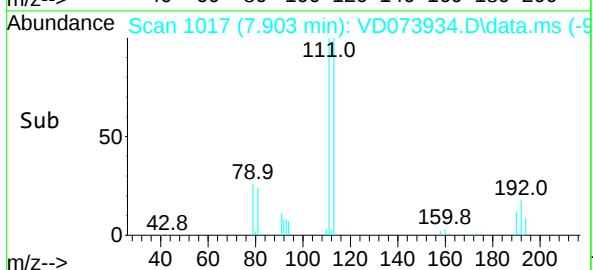
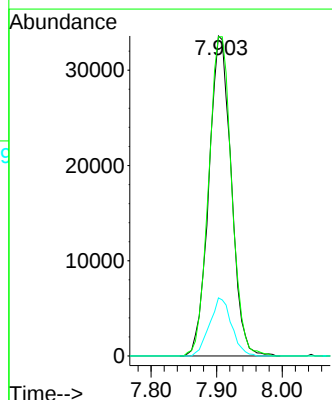
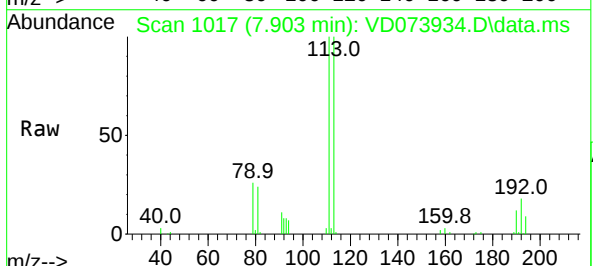
Tgt Ion:113 Resp: 79605

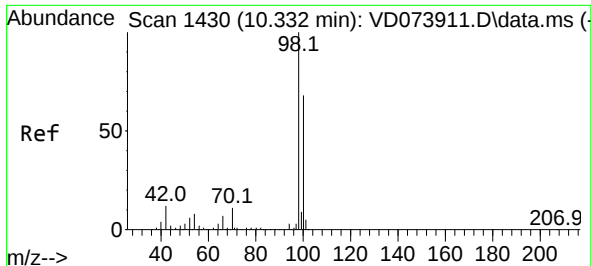
Ion Ratio Lower Upper

113 100

111 102.3 83.7 125.5

192 17.8 15.0 22.6

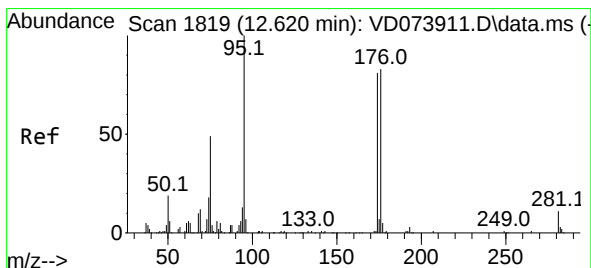
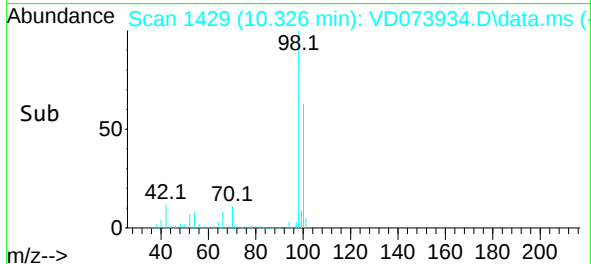
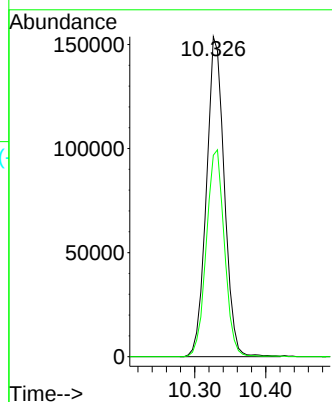
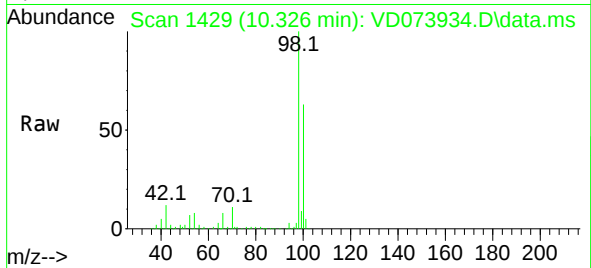




#50
Toluene-d8
Concen: 60.109 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD073934.D
Acq: 02 Aug 2022 19:00

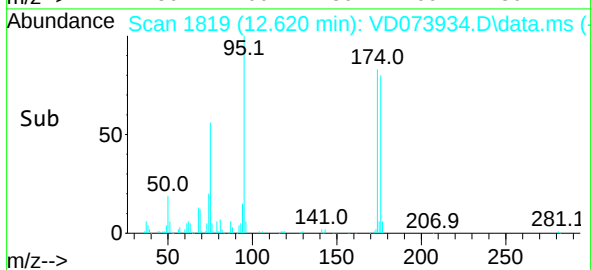
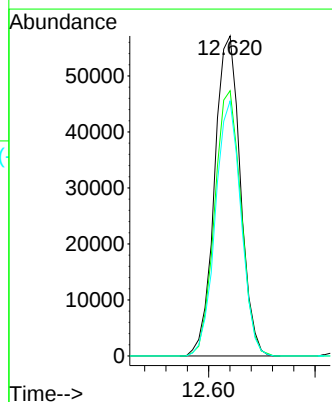
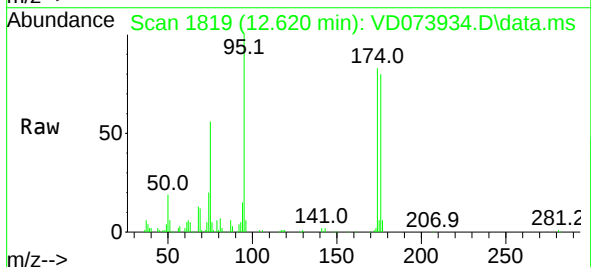
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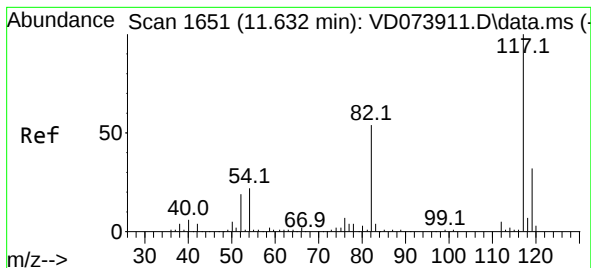
Tgt Ion: 98 Resp: 268719
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 58.329 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073934.D
Acq: 02 Aug 2022 19:00

Tgt Ion: 95 Resp: 95892
Ion Ratio Lower Upper
95 100
174 84.7 0.0 164.2
176 79.0 0.0 161.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073934.D

Acq: 02 Aug 2022 19:00

Instrument :

MSVOA_D

ClientSampleId :

TR-06-072922

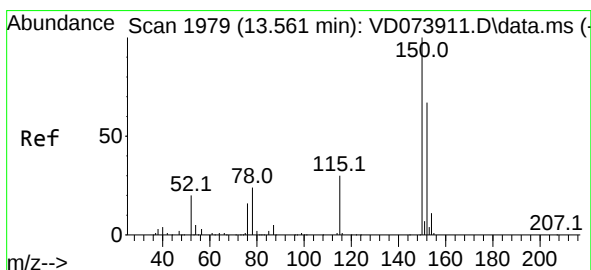
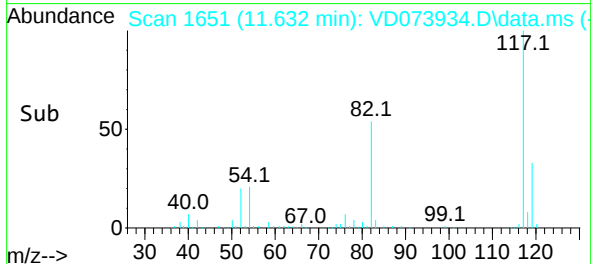
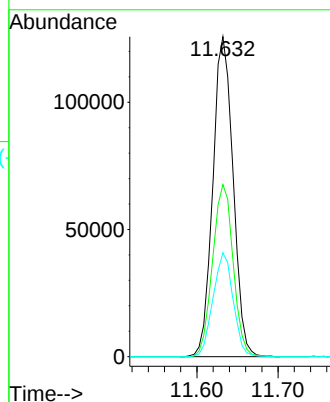
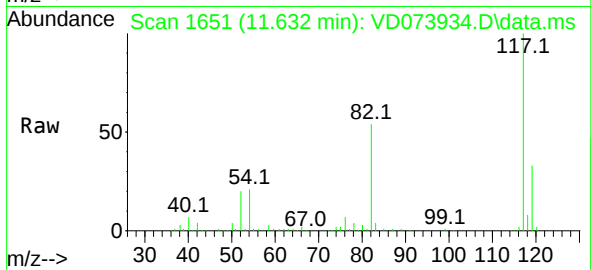
Tgt Ion:117 Resp: 218245

Ion Ratio Lower Upper

117 100

82 53.8 43.3 64.9

119 32.5 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.555 min Scan# 1978

Delta R.T. -0.006 min

Lab File: VD073934.D

Acq: 02 Aug 2022 19:00

Tgt Ion:152 Resp: 103509

Ion Ratio Lower Upper

152 100

115 59.9 29.1 87.3

150 160.4 0.0 338.2

