

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080422\
 Data File : VD073957.D
 Acq On : 04 Aug 2022 17:08
 Operator : VA/SY
 Sample : N3962-10
 Misc : 3.69G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RVE-196

Quant Time: Aug 05 07:54:13 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	133089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	229803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	215628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	92385	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	62124	57.420	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.840%
35) Dibromofluoromethane	7.908	113	65898	46.153	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.300%
50) Toluene-d8	10.332	98	194747	40.492	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	80.980%
62) 4-Bromofluorobenzene	12.614	95	72180	40.810	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.620%

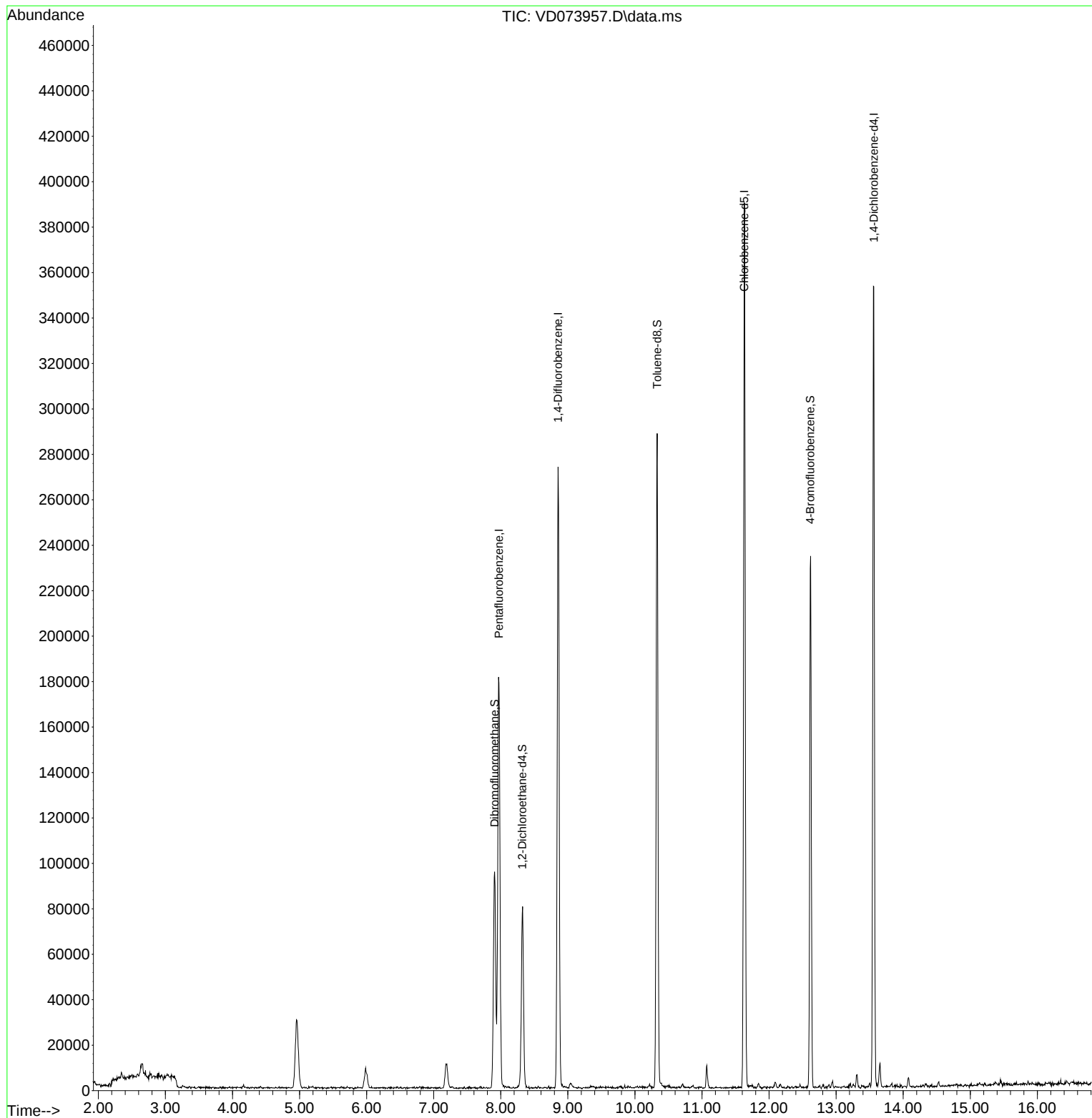
Target Compounds	Qvalue

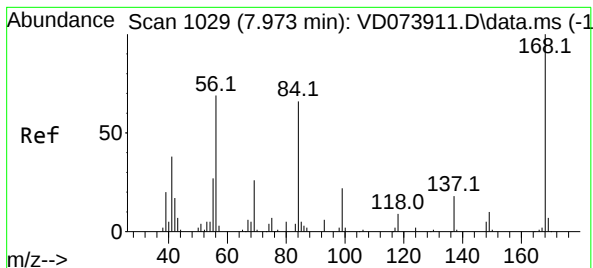
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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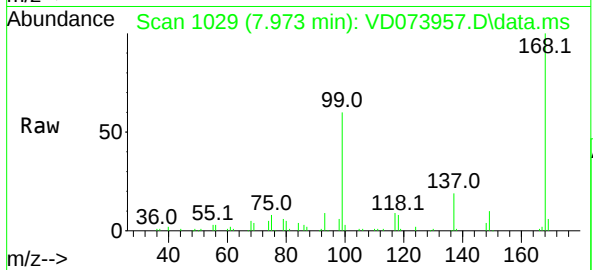
Quant Time: Aug 05 07:54:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
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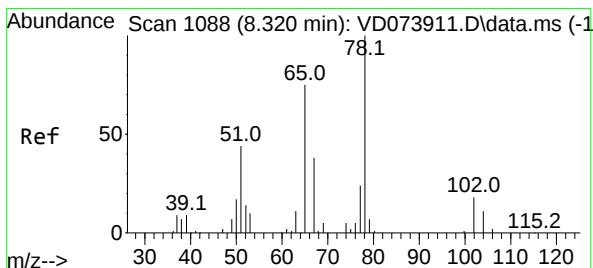
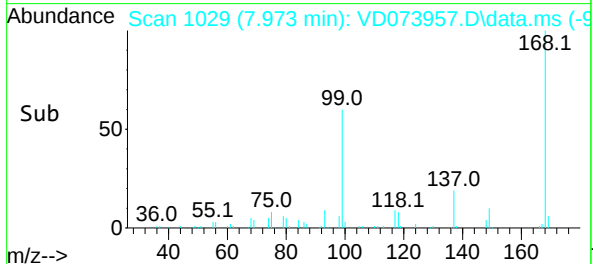
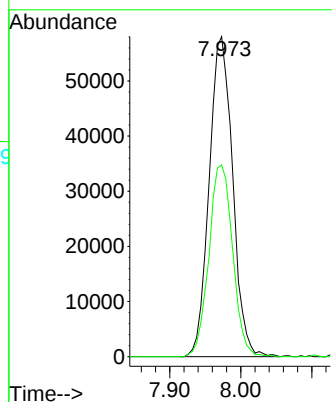


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073957.D
Acq: 04 Aug 2022 17:08

Instrument :
MSVOA_D
ClientSampleId :
RVE-196

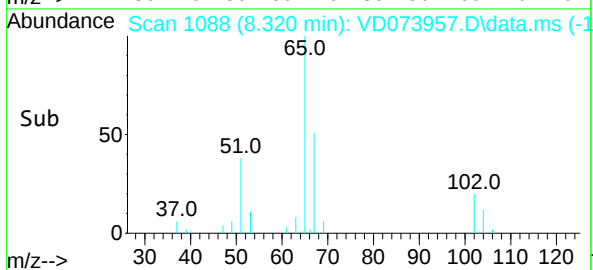
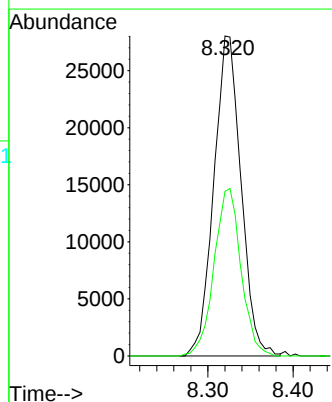
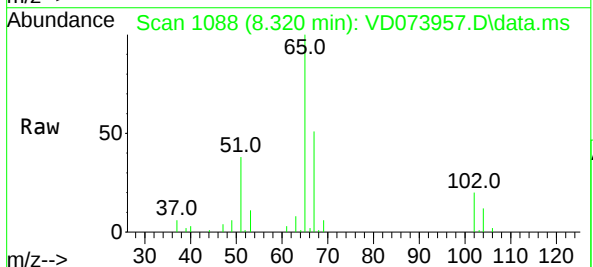


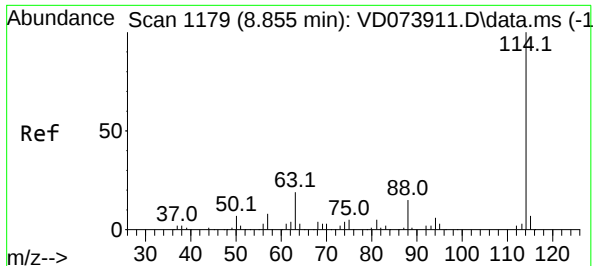
Tgt Ion:168 Resp: 133089
Ion Ratio Lower Upper
168 100
99 59.9 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 57.420 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073957.D
Acq: 04 Aug 2022 17:08

Tgt Ion: 65 Resp: 62124
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073957.D

Acq: 04 Aug 2022 17:08

Instrument :

MSVOA_D

ClientSampleId :

RVE-196

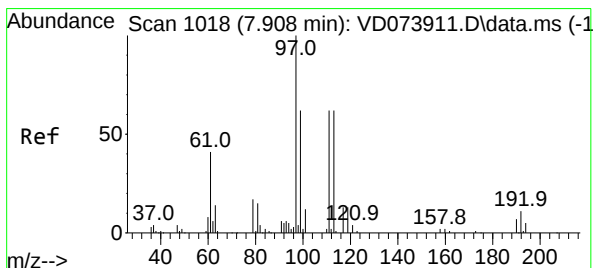
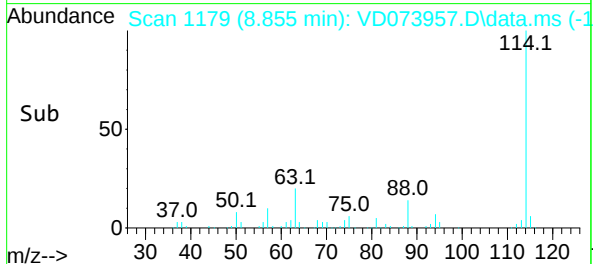
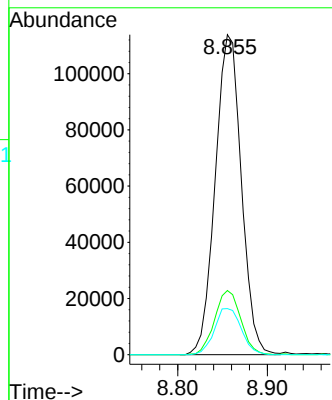
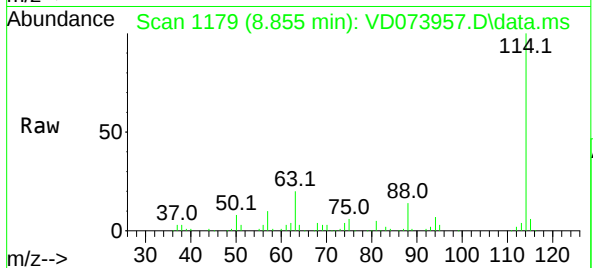
Tgt Ion:114 Resp: 229803

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.6

88 14.4 0.0 30.2



#35

Dibromofluoromethane

Concen: 46.153 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073957.D

Acq: 04 Aug 2022 17:08

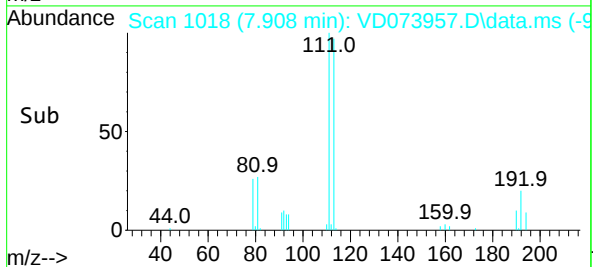
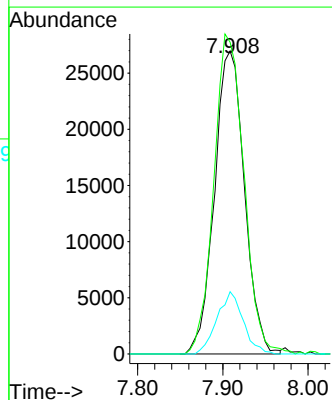
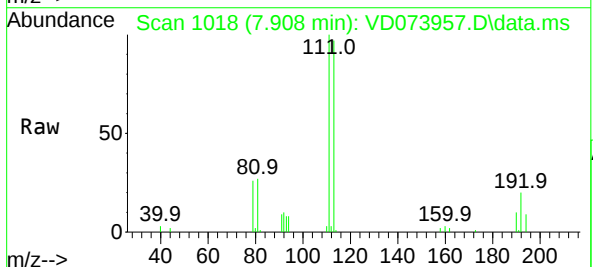
Tgt Ion:113 Resp: 65898

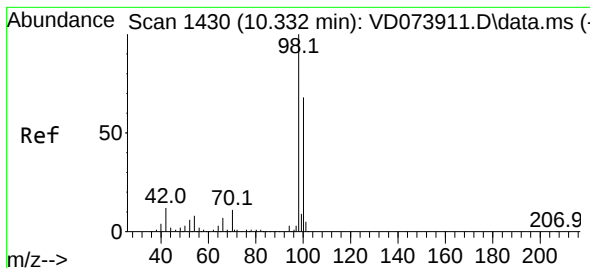
Ion Ratio Lower Upper

113 100

111 105.8 83.7 125.5

192 18.0 15.0 22.6

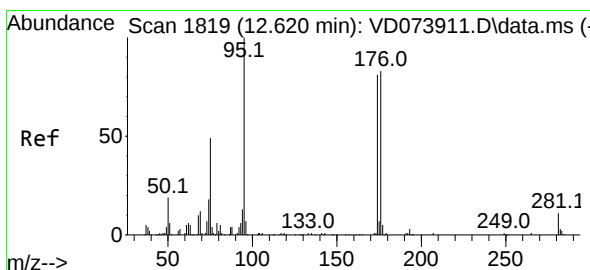
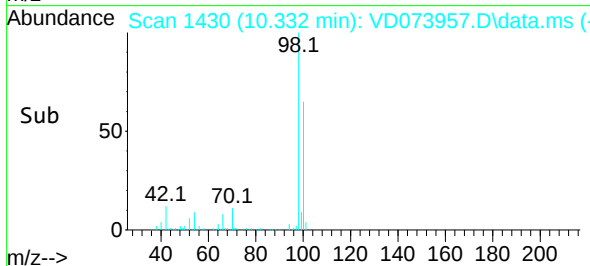
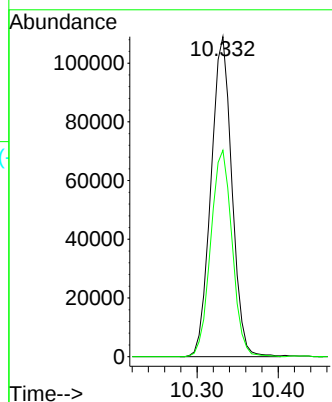
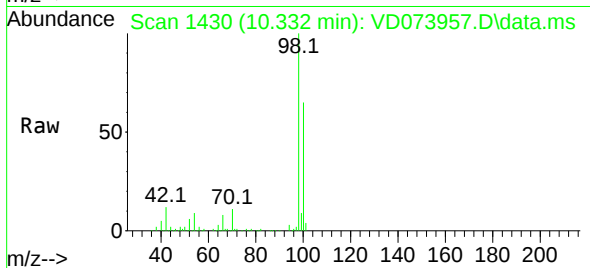




#50
Toluene-d8
Concen: 40.492 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073957.D
Acq: 04 Aug 2022 17:08

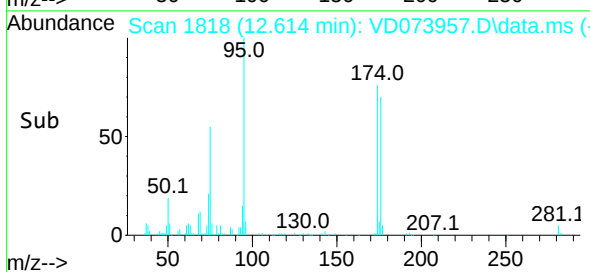
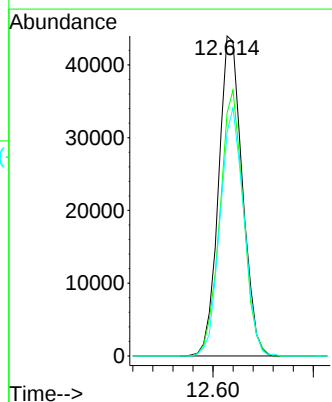
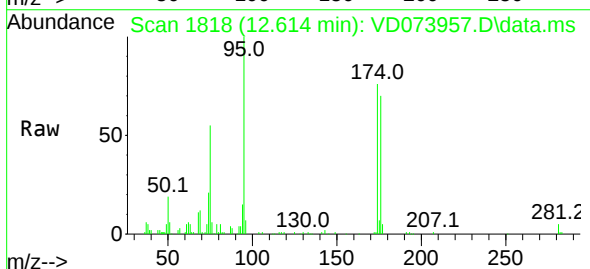
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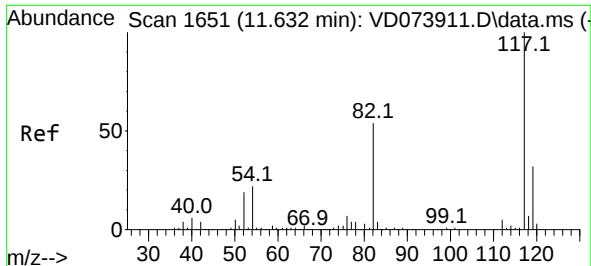
Tgt Ion: 98 Resp: 194747
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 40.810 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD073957.D
Acq: 04 Aug 2022 17:08

Tgt Ion: 95 Resp: 72180
Ion Ratio Lower Upper
95 100
174 82.0 0.0 164.2
176 77.4 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: VD073957.D

Acq: 04 Aug 2022 17:08

Instrument :

MSVOA_D

ClientSampleId :

RVE-196

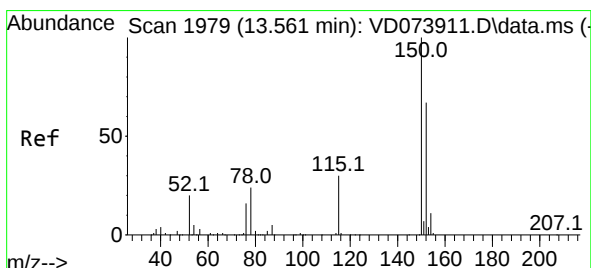
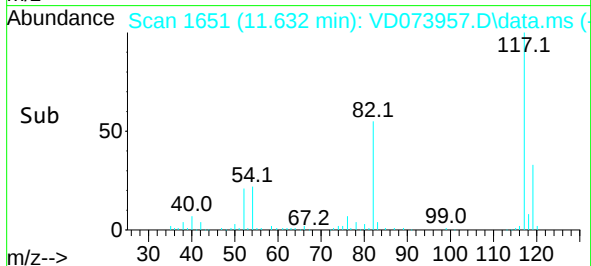
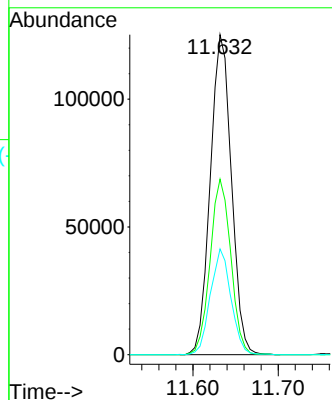
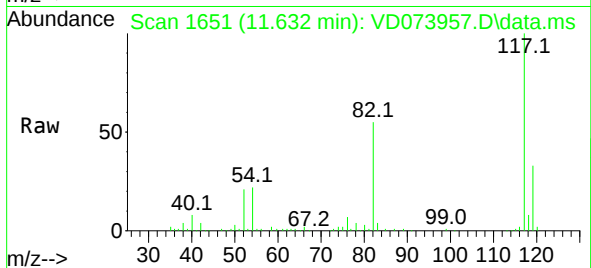
Tgt Ion:117 Resp: 215628

Ion Ratio Lower Upper

117 100

82 54.9 43.3 64.9

119 33.0 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073957.D

Acq: 04 Aug 2022 17:08

Tgt Ion:152 Resp: 92385

Ion Ratio Lower Upper

152 100

115 61.1 29.1 87.3

150 158.4 0.0 338.2

