

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070822\
 Data File : VN073390.D
 Acq On : 08 Jul 2022 14:03
 Operator : JC\MD
 Sample : N3636-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-070722

Quant Time: Jul 09 05:24:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	305943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	510261	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	474286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	232963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	194155	43.960	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.920%
35) Dibromofluoromethane	7.951	113	159248	46.909	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.820%
50) Toluene-d8	10.381	98	543840	45.105	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.200%
62) 4-Bromofluorobenzene	12.669	95	241827	52.190	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.380%

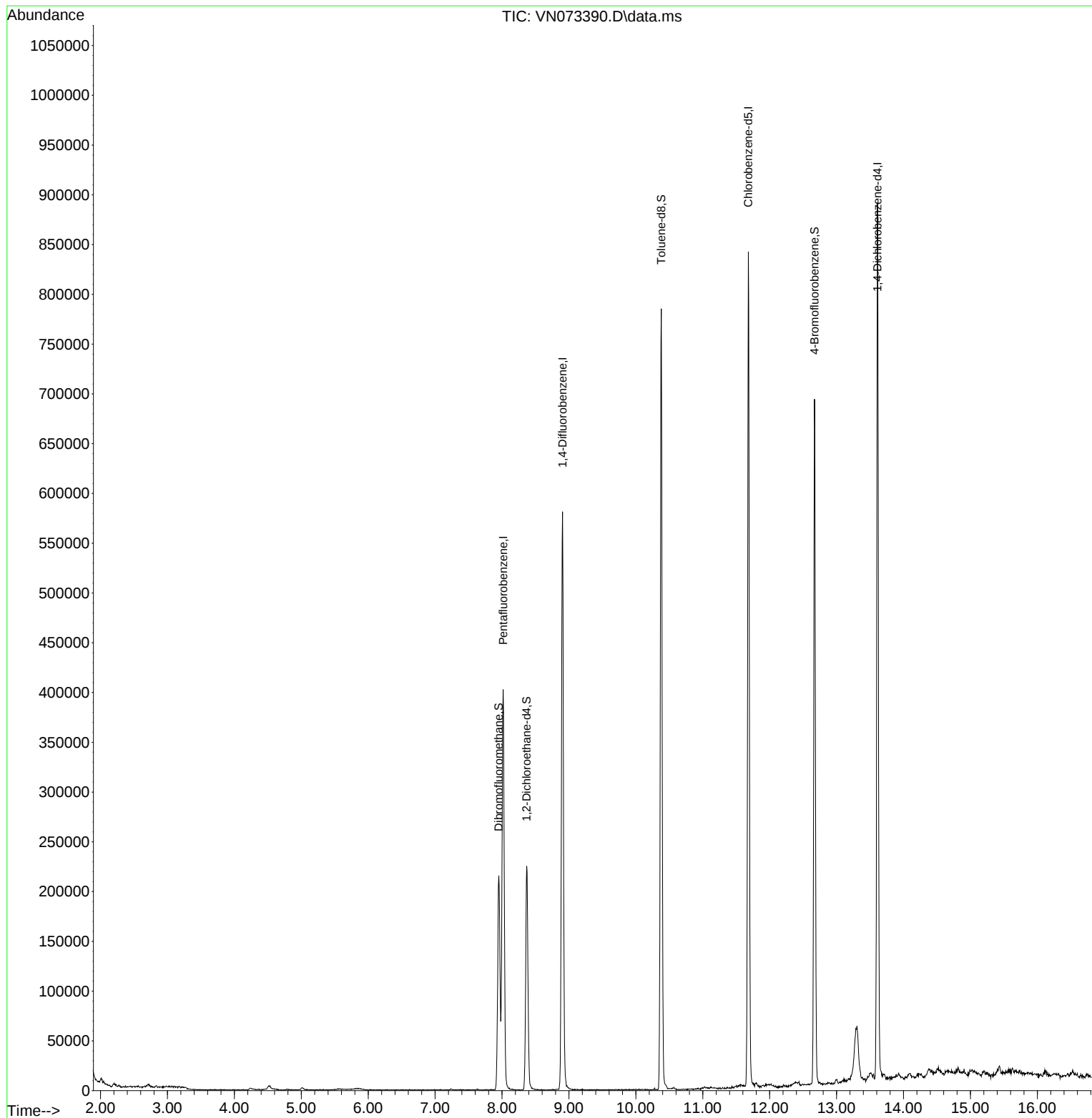
Target Compounds Qvalue

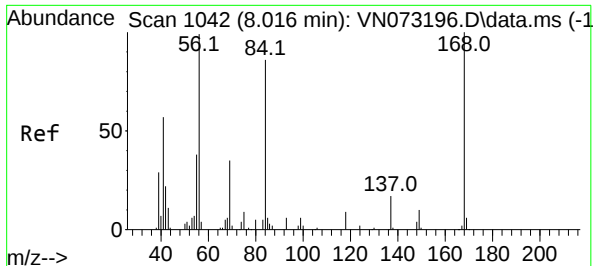
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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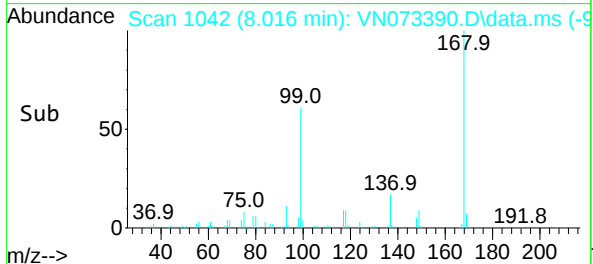
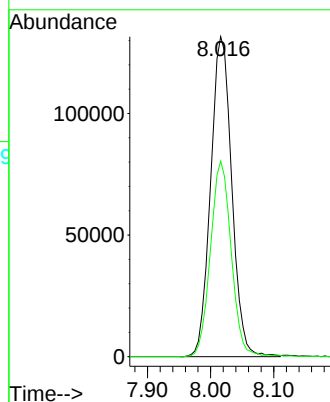
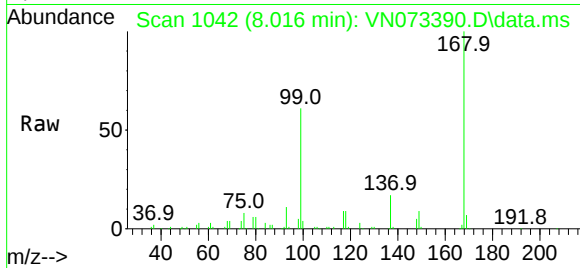




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN073390.D
Acq: 08 Jul 2022 14:03

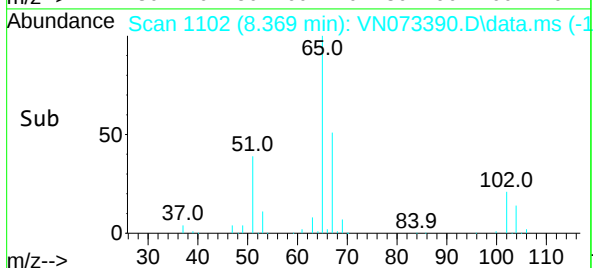
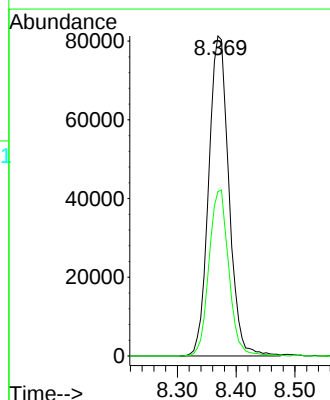
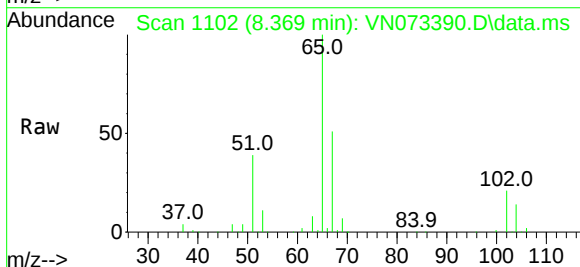
Instrument :
MSVOA_N
ClientSampleId :
TB-01-070722

Tgt Ion:168 Resp: 305943
Ion Ratio Lower Upper
168 100
99 61.1 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 43.960 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073390.D
Acq: 08 Jul 2022 14:03

Tgt Ion: 65 Resp: 194155
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073390.D

Acq: 08 Jul 2022 14:03

Instrument :

MSVOA_N

ClientSampleId :

TB-01-070722

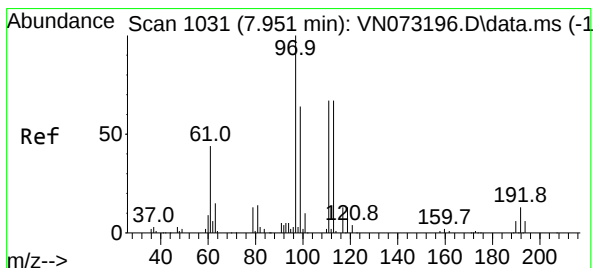
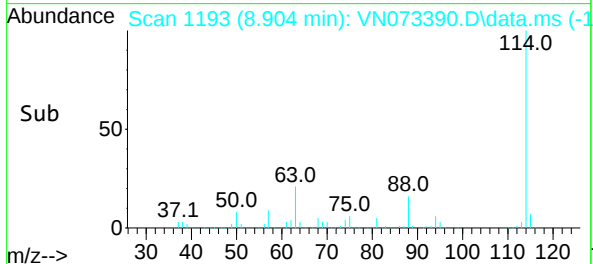
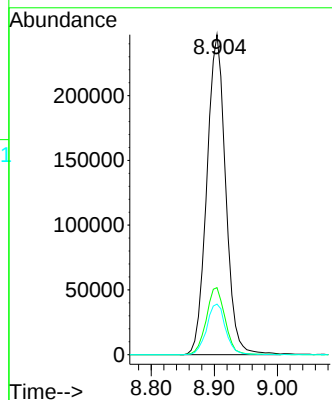
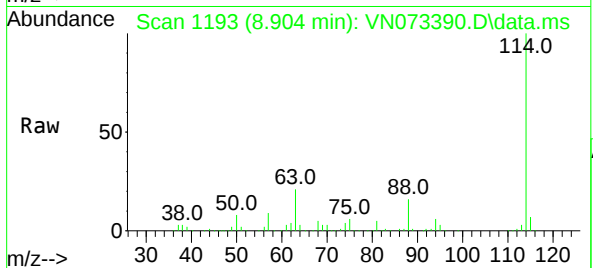
Tgt Ion:114 Resp: 510261

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

88 15.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.909 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073390.D

Acq: 08 Jul 2022 14:03

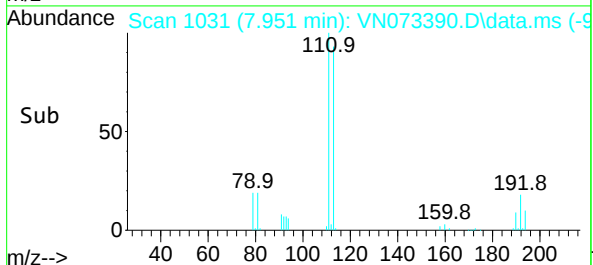
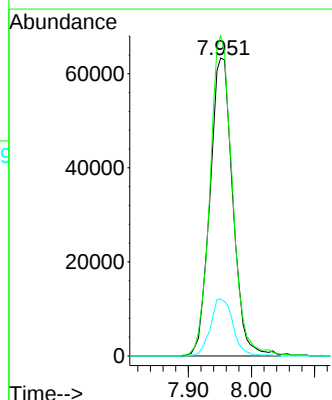
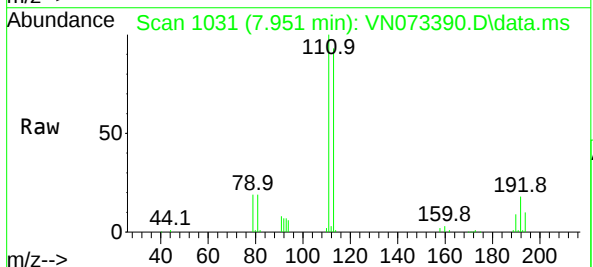
Tgt Ion:113 Resp: 159248

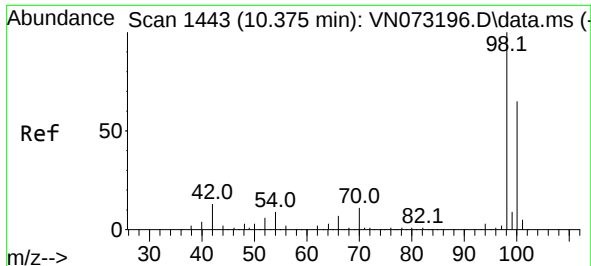
Ion Ratio Lower Upper

113 100

111 105.5 81.4 122.0

192 18.9 17.0 25.6





#50

Toluene-d8

Concen: 45.105 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.006 min

Lab File: VN073390.D

Acq: 08 Jul 2022 14:03

Instrument :

MSVOA_N

ClientSampleId :

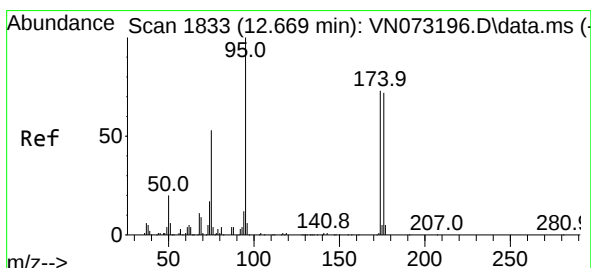
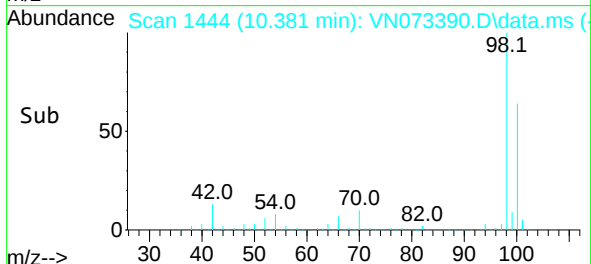
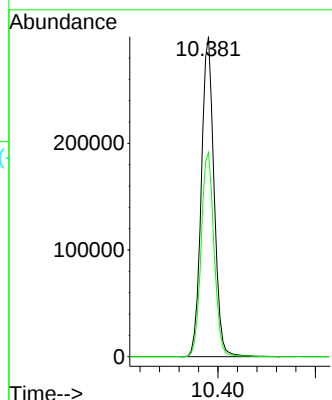
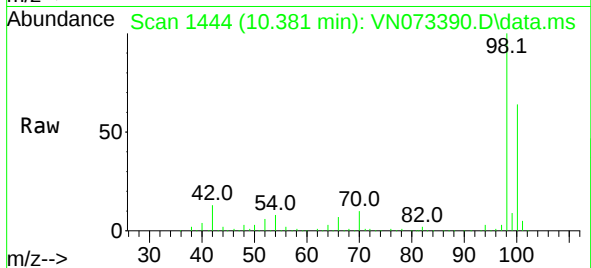
TB-01-070722

Tgt Ion: 98 Resp: 543840

Ion Ratio Lower Upper

98 100

100 65.0 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 52.190 ug/l

RT: 12.669 min Scan# 1833

Delta R.T. -0.000 min

Lab File: VN073390.D

Acq: 08 Jul 2022 14:03

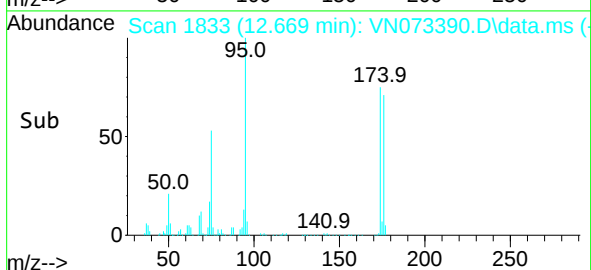
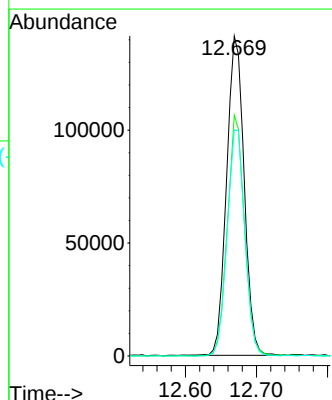
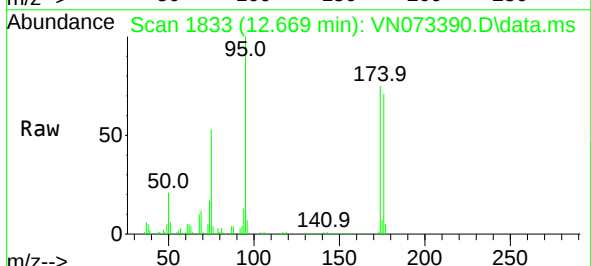
Tgt Ion: 95 Resp: 241827

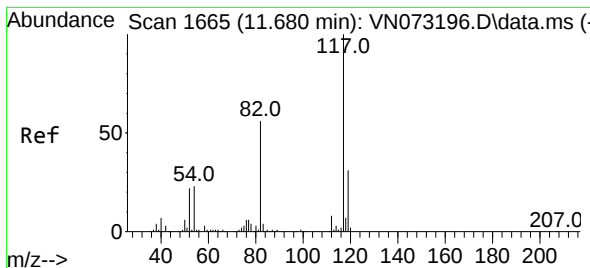
Ion Ratio Lower Upper

95 100

174 73.7 0.0 167.6

176 71.0 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073390.D

Acq: 08 Jul 2022 14:03

Instrument :

MSVOA_N

ClientSampleId :

TB-01-070722

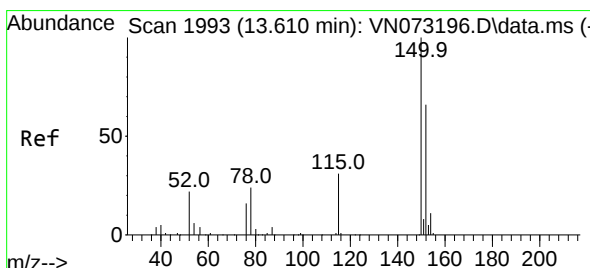
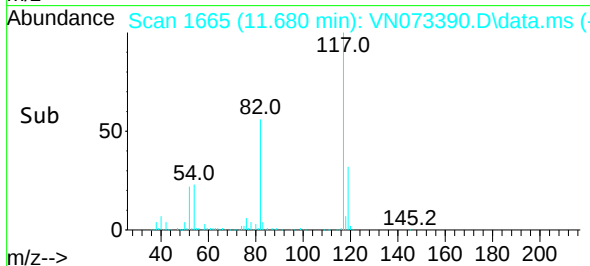
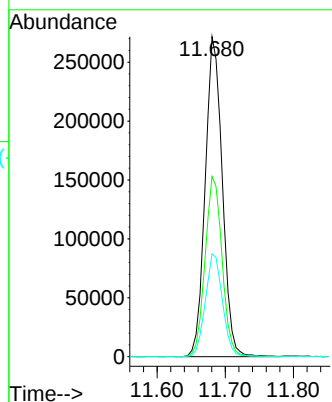
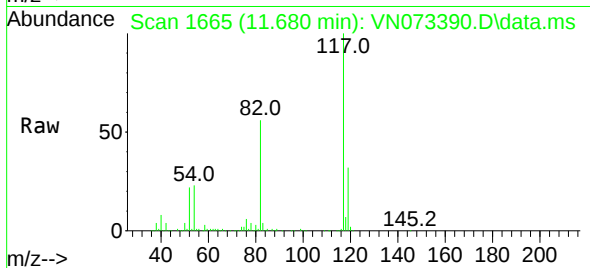
Tgt Ion:117 Resp: 474286

Ion Ratio Lower Upper

117 100

82 56.3 44.2 66.2

119 32.2 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN073390.D

Acq: 08 Jul 2022 14:03

Tgt Ion:152 Resp: 232963

Ion Ratio Lower Upper

152 100

115 61.0 28.9 86.7

150 158.9 0.0 356.2

