

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081222\
 Data File : VN073853.D
 Acq On : 12 Aug 2022 15:48
 Operator : JC\MD
 Sample : N4197-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-TB-20220811

Quant Time: Aug 13 05:03:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.022	168	435575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	677390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	642791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	322483	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	260936	49.157	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.320%
35) Dibromofluoromethane	7.951	113	248789	58.489	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	116.980%
50) Toluene-d8	10.380	98	786286	46.975	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.960%
62) 4-Bromofluorobenzene	12.674	95	299068	50.847	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.700%

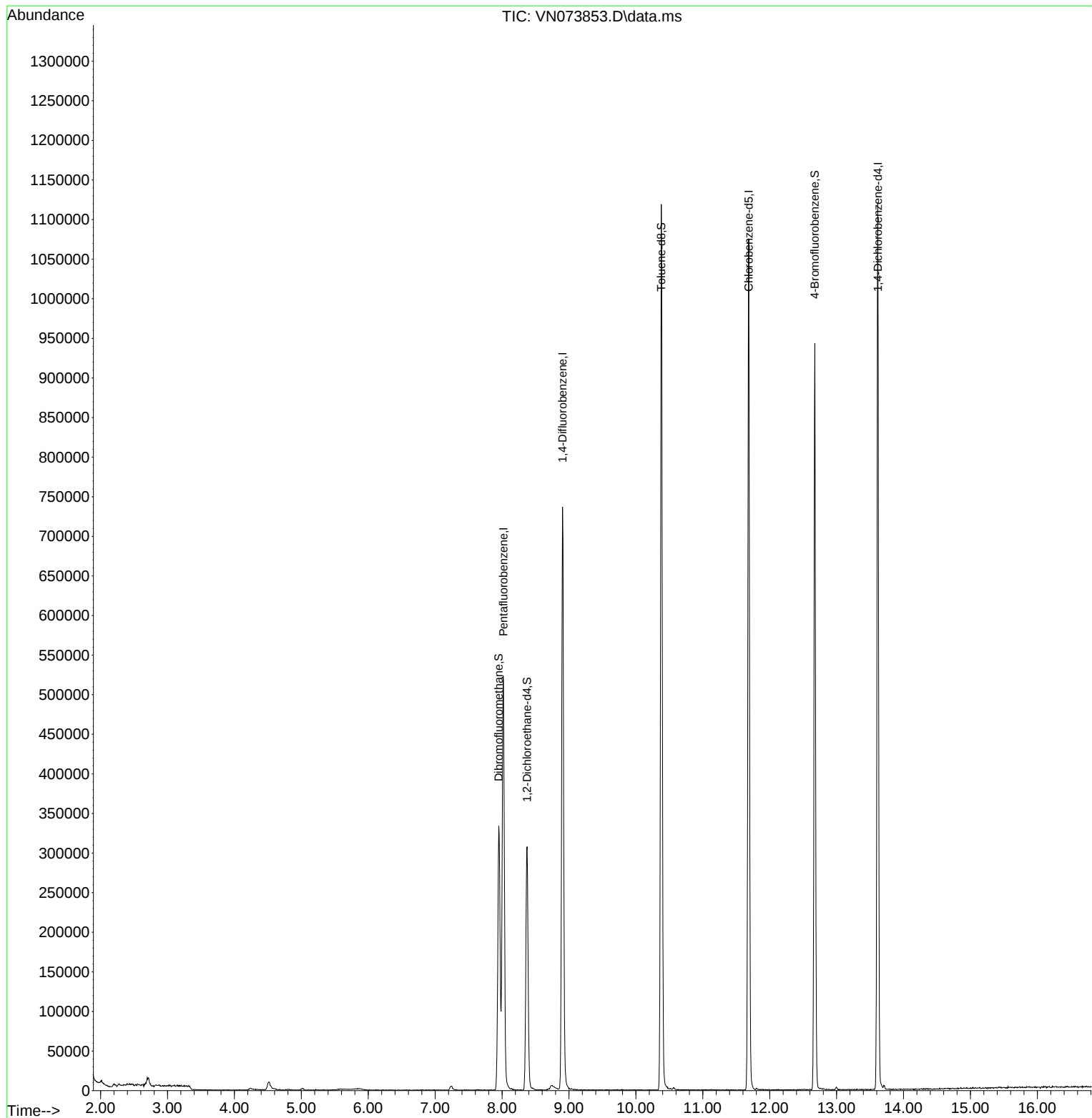
Target Compounds	Qvalue

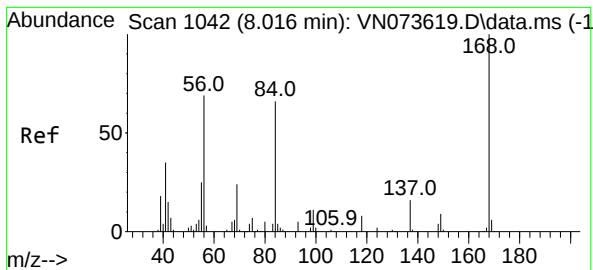
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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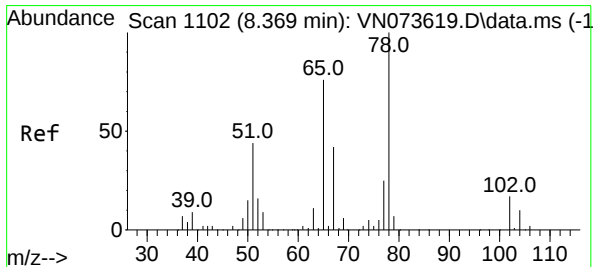
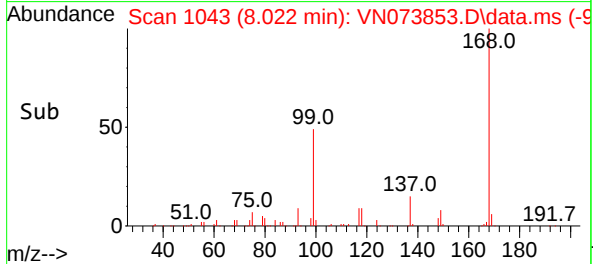
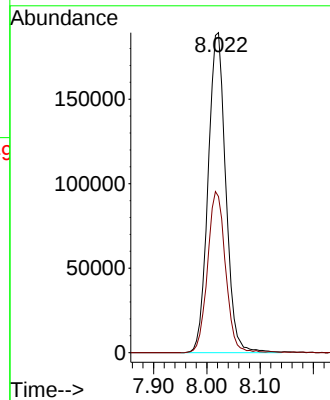
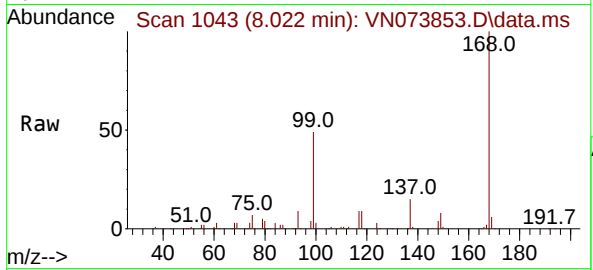




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073853.D
Acq: 12 Aug 2022 15:48

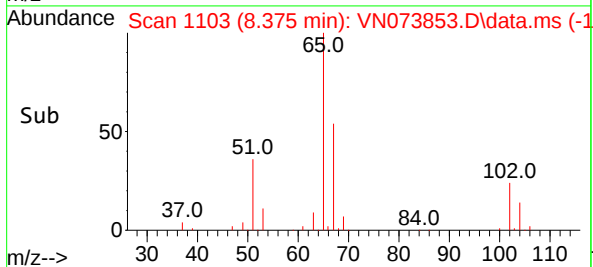
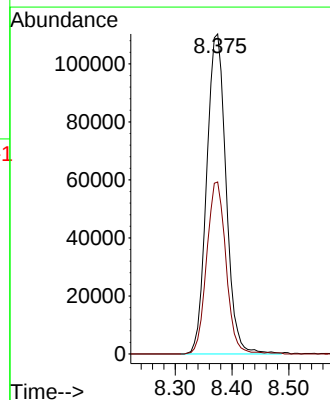
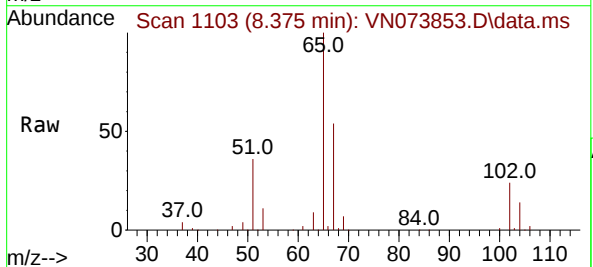
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20220811

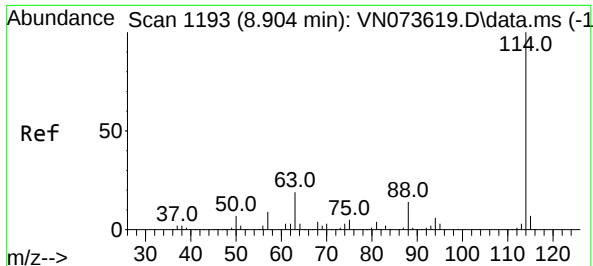
Tgt Ion:168 Resp: 435575
Ion Ratio Lower Upper
168 100
99 48.8 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 49.157 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073853.D
Acq: 12 Aug 2022 15:48

Tgt Ion: 65 Resp: 260936
Ion Ratio Lower Upper
65 100
67 53.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073853.D

Acq: 12 Aug 2022 15:48

Instrument :

MSVOA_N

ClientSampleId :

TT-TB-20220811

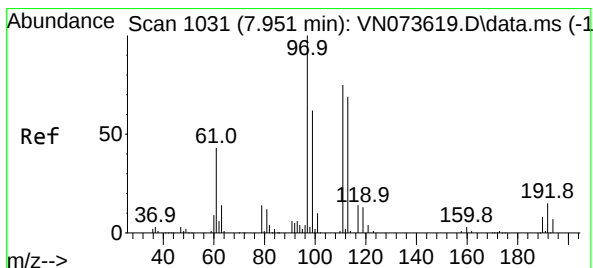
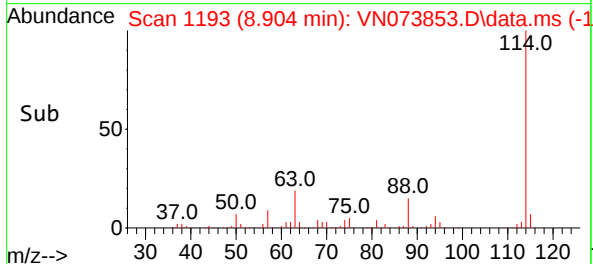
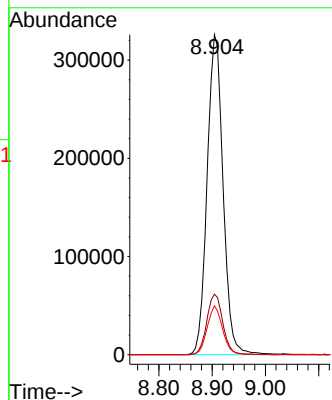
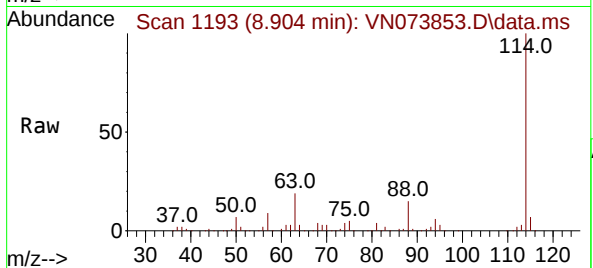
Tgt Ion:114 Resp: 677390

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 58.489 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073853.D

Acq: 12 Aug 2022 15:48

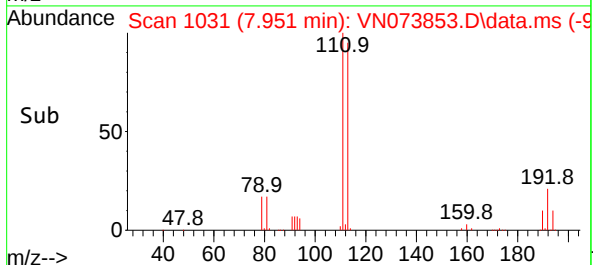
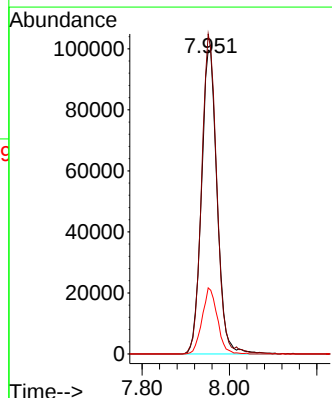
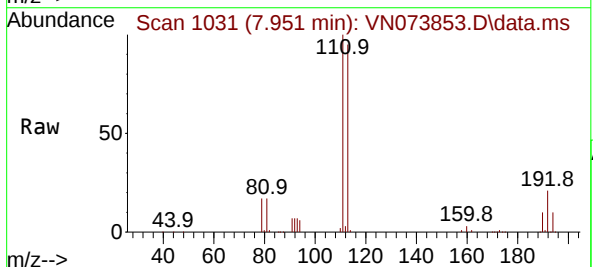
Tgt Ion:113 Resp: 248789

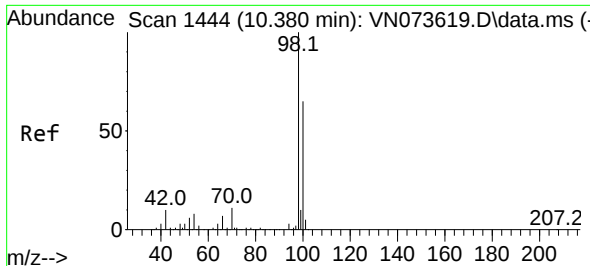
Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 21.1 17.0 25.6

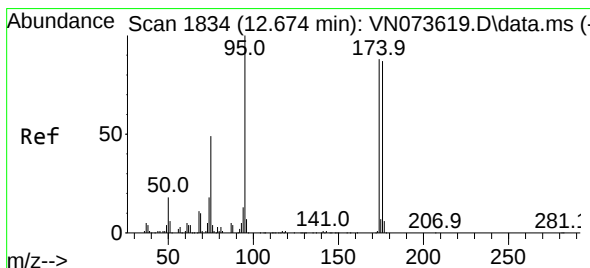
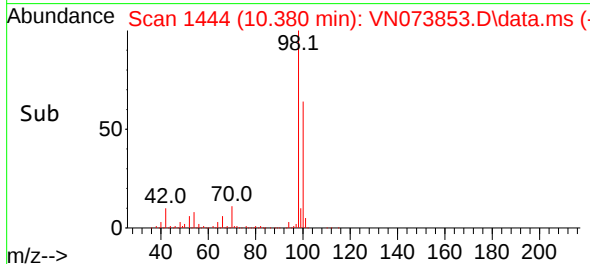
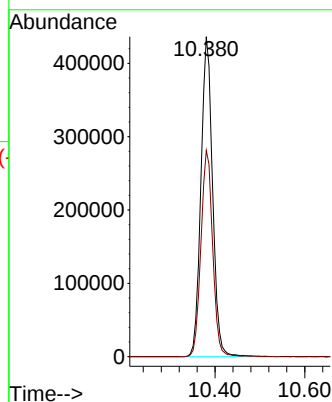
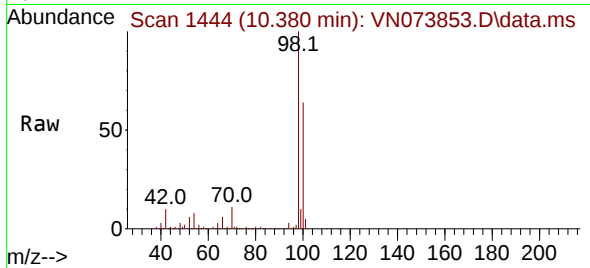




#50
Toluene-d8
Concen: 46.975 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073853.D
Acq: 12 Aug 2022 15:48

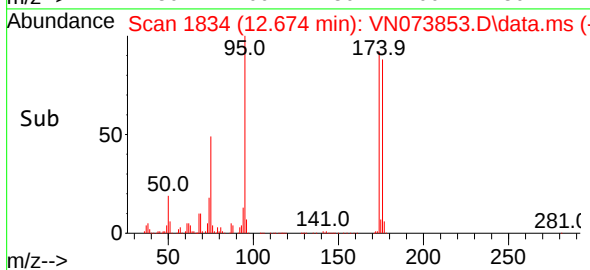
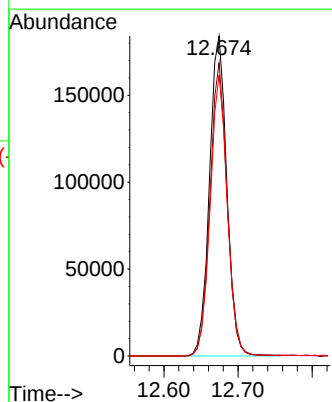
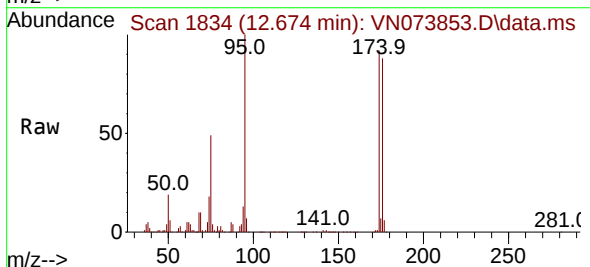
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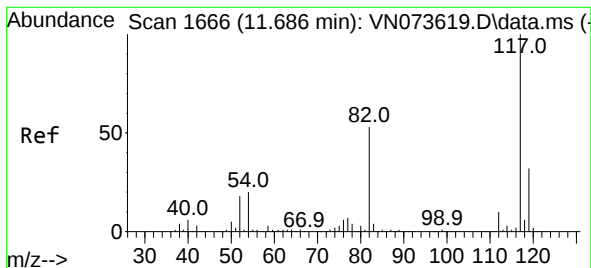
Tgt Ion: 98 Resp: 786286
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.847 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073853.D
Acq: 12 Aug 2022 15:48

Tgt Ion: 95 Resp: 299068
Ion Ratio Lower Upper
95 100
174 91.0 0.0 167.6
176 86.2 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073853.D

Acq: 12 Aug 2022 15:48

Instrument :

MSVOA_N

ClientSampleId :

TT-TB-20220811

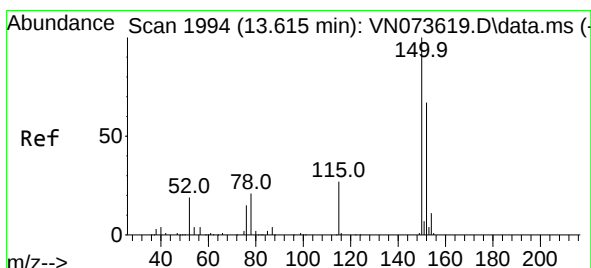
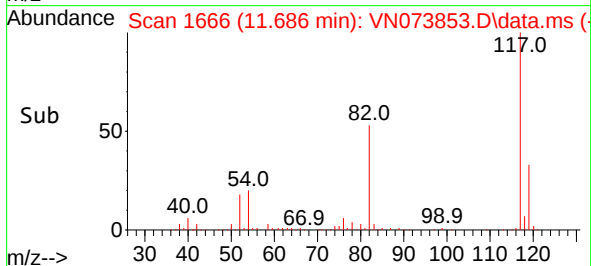
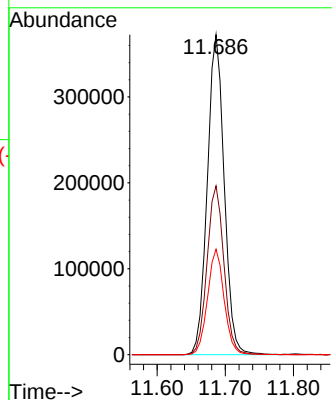
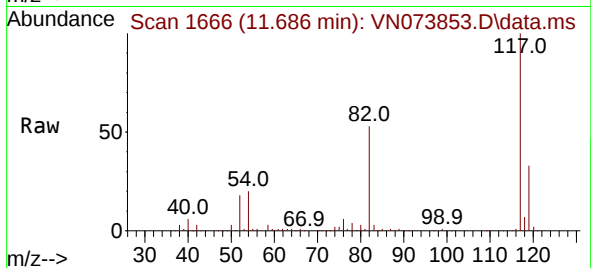
Tgt Ion:117 Resp: 642791

Ion Ratio Lower Upper

117 100

82 52.8 44.2 66.2

119 33.0 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN073853.D

Acq: 12 Aug 2022 15:48

Tgt Ion:152 Resp: 322483

Ion Ratio Lower Upper

152 100

115 55.3 28.9 86.7

150 156.1 0.0 356.2

