

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080322\
 Data File : VN073704.D
 Acq On : 03 Aug 2022 11:59
 Operator : JC\MD
 Sample : VN0803WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBL01

Quant Time: Aug 04 05:31:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	368809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	592697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	564978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	267731	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	223021	49.620	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.240%
35) Dibromofluoromethane	7.951	113	206126	55.384	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.760%
50) Toluene-d8	10.381	98	676378	46.183	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.360%
62) 4-Bromofluorobenzene	12.674	95	249250	50.785	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.560%

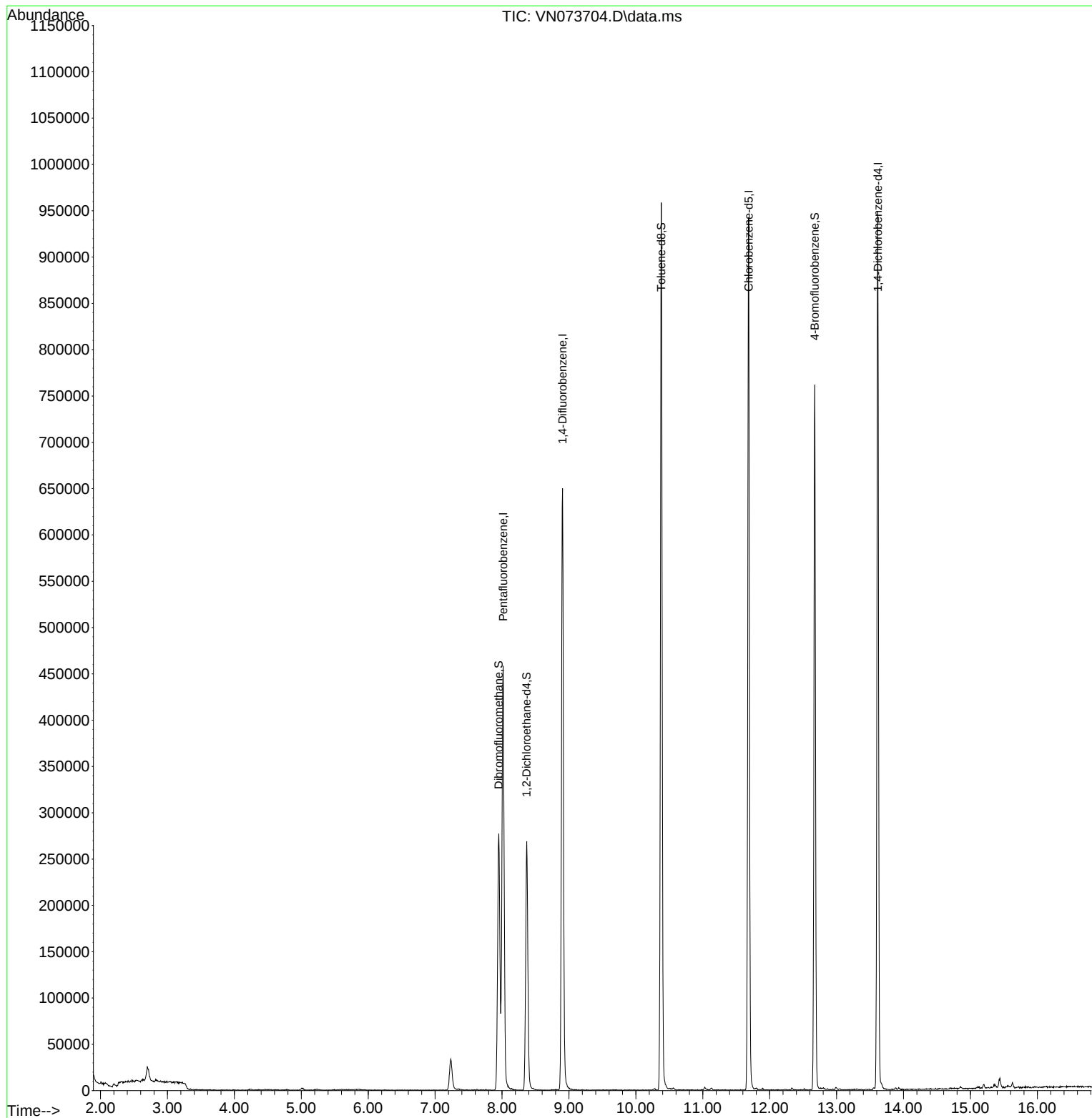
Target Compounds	Qvalue

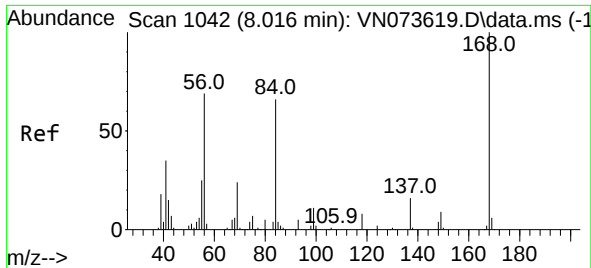
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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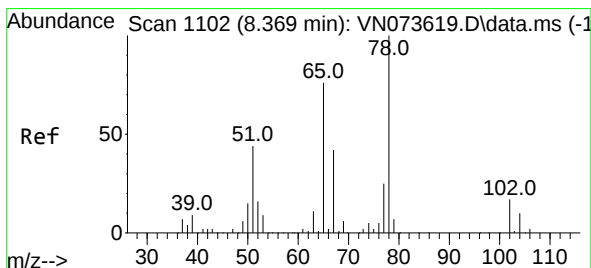
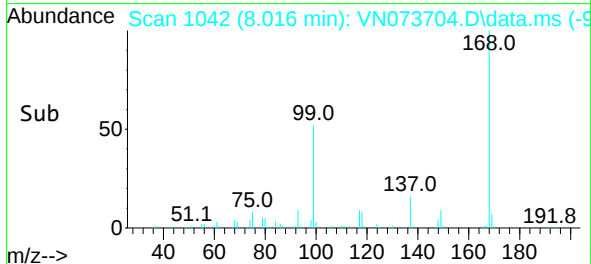
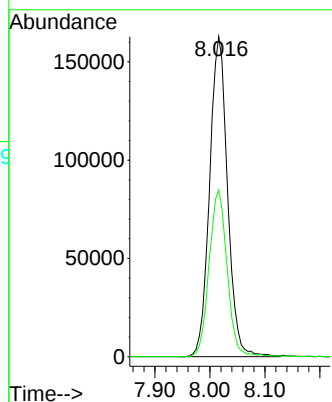
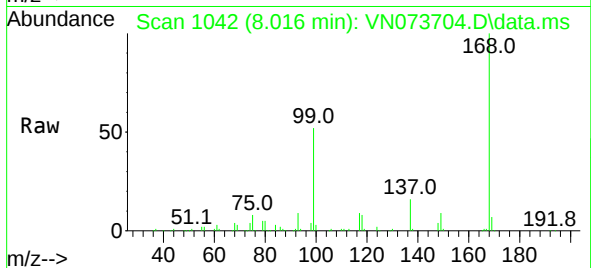




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073704.D
Acq: 03 Aug 2022 11:59

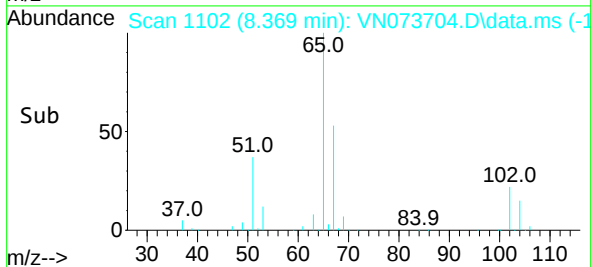
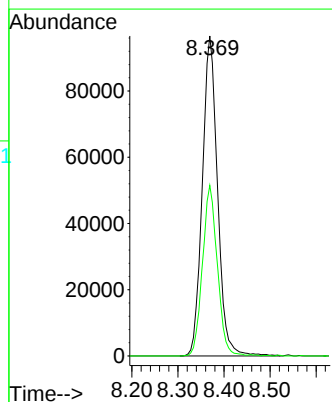
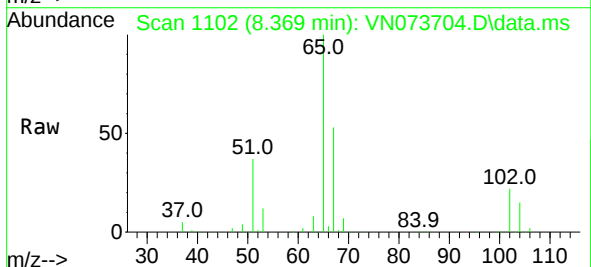
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBL01

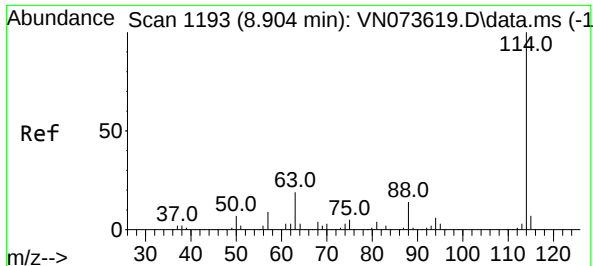
Tgt Ion:168 Resp: 368809
Ion Ratio Lower Upper
168 100
99 52.1 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 49.620 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073704.D
Acq: 03 Aug 2022 11:59

Tgt Ion: 65 Resp: 223021
Ion Ratio Lower Upper
65 100
67 51.8 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: VN073704.D

Acq: 03 Aug 2022 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBL01

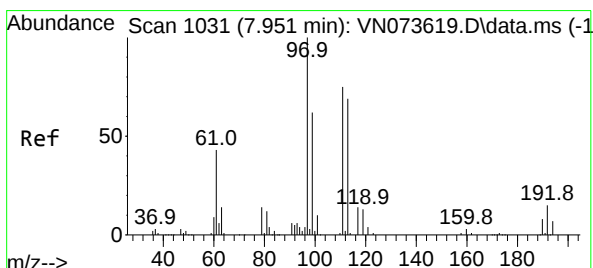
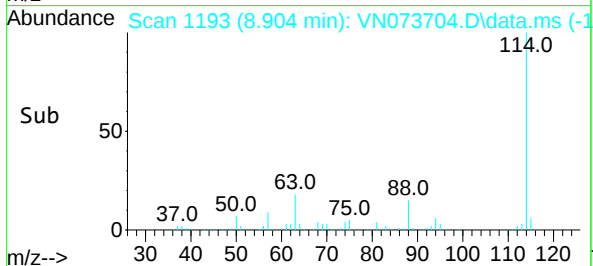
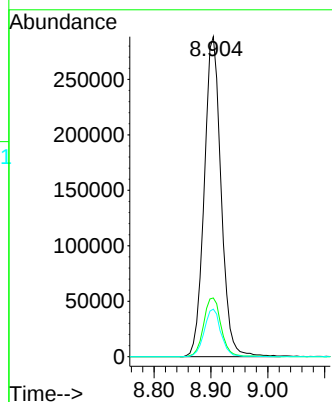
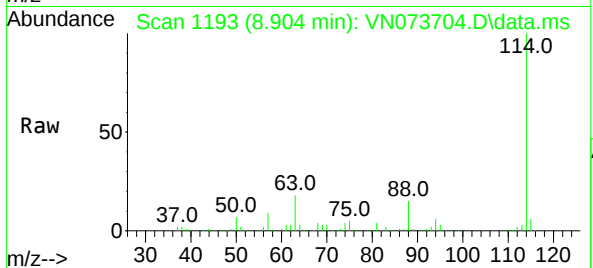
Tgt Ion:114 Resp: 592697

Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.0

88 14.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 55.384 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073704.D

Acq: 03 Aug 2022 11:59

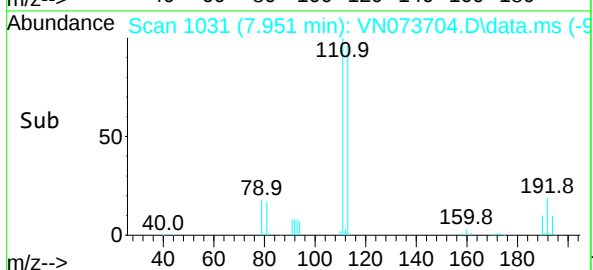
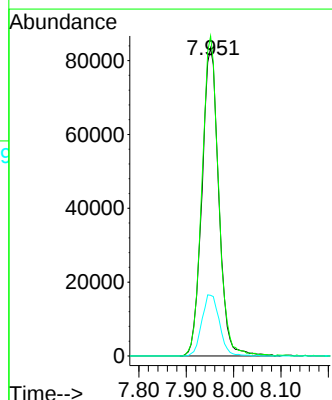
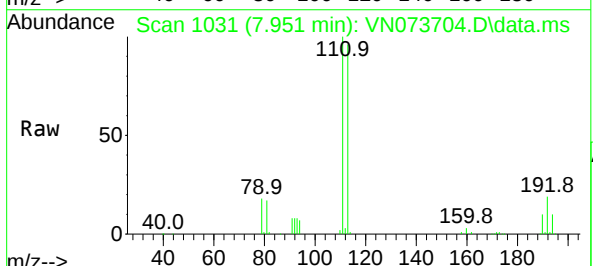
Tgt Ion:113 Resp: 206126

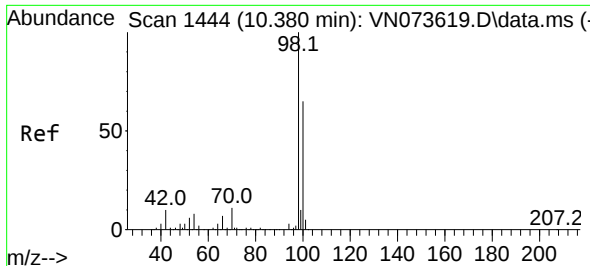
Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 20.8 17.0 25.6

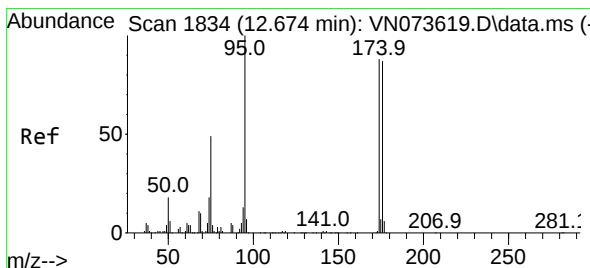
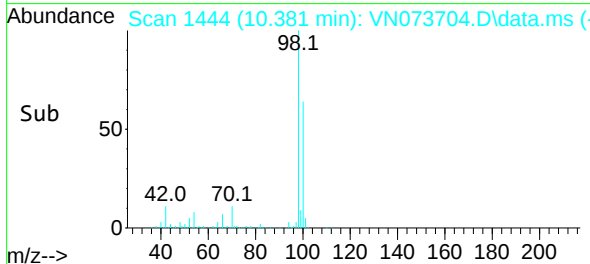
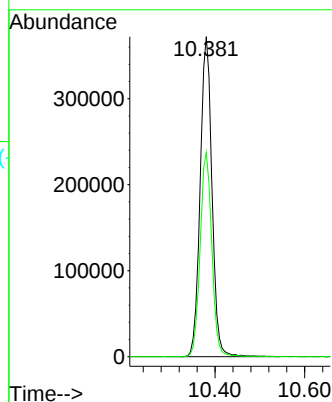
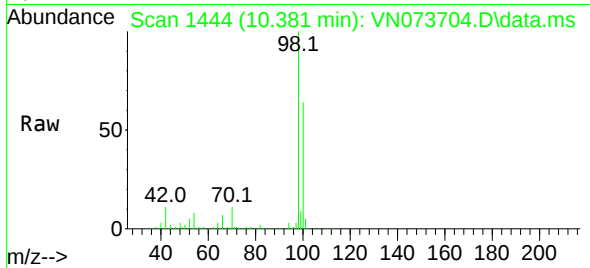




#50
Toluene-d8
Concen: 46.183 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073704.D
Acq: 03 Aug 2022 11:59

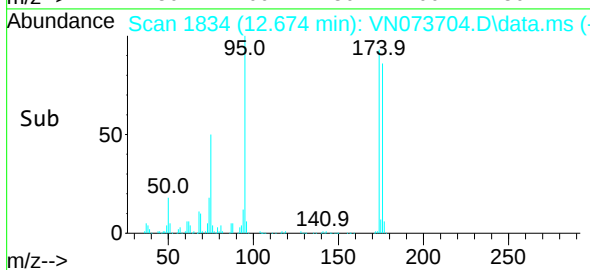
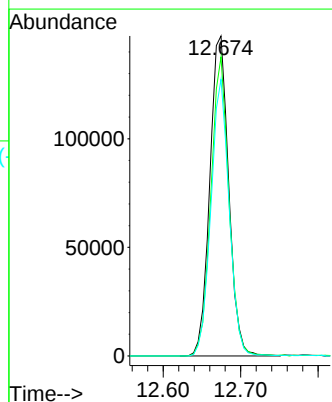
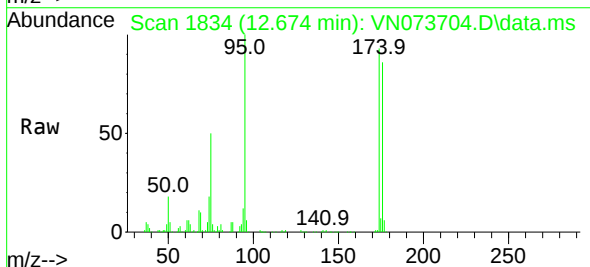
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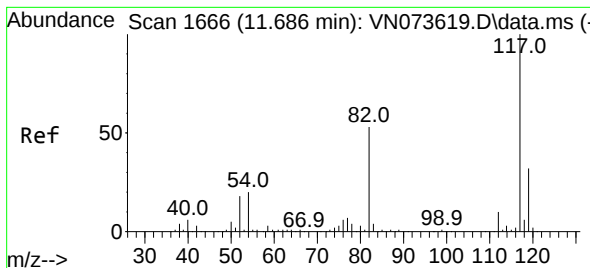
Tgt Ion: 98 Resp: 676378
Ion Ratio Lower Upper
98 100
100 63.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.785 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073704.D
Acq: 03 Aug 2022 11:59

Tgt Ion: 95 Resp: 249250
Ion Ratio Lower Upper
95 100
174 89.1 0.0 167.6
176 83.3 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: VN073704.D

Acq: 03 Aug 2022 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBL01

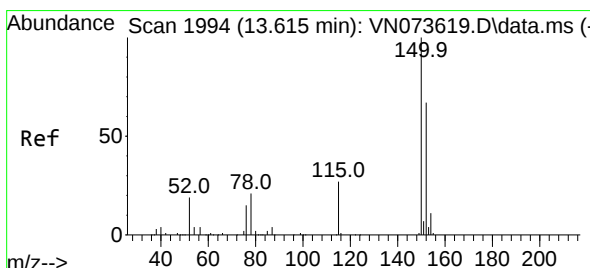
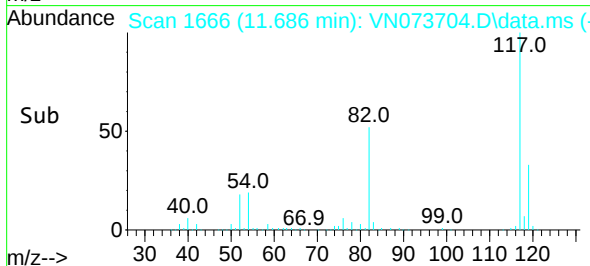
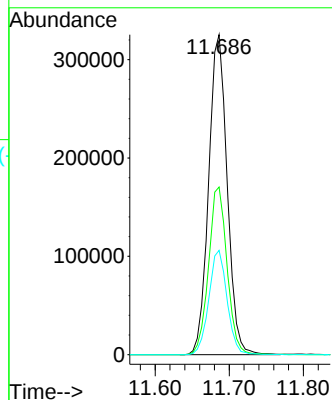
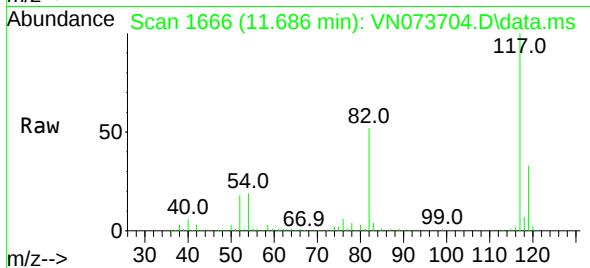
Tgt Ion:117 Resp: 564978

Ion Ratio Lower Upper

117 100

82 52.4 44.2 66.2

119 32.6 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: VN073704.D

Acq: 03 Aug 2022 11:59

Tgt Ion:152 Resp: 267731

Ion Ratio Lower Upper

152 100

115 57.3 28.9 86.7

150 158.0 0.0 356.2

