

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
 Data File : VN076654.D
 Acq On : 14 Feb 2023 11:49
 Operator : JC\MD
 Sample : VN0214WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0214WBL01

Quant Time: Feb 14 15:16:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	332528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	600438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	530598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	215149	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	231329	50.380	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.760%
35) Dibromofluoromethane	8.172	113	188859	48.029	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.060%
50) Toluene-d8	10.572	98	731443	49.809	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.620%
62) 4-Bromofluorobenzene	12.854	95	227974	46.873	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.740%

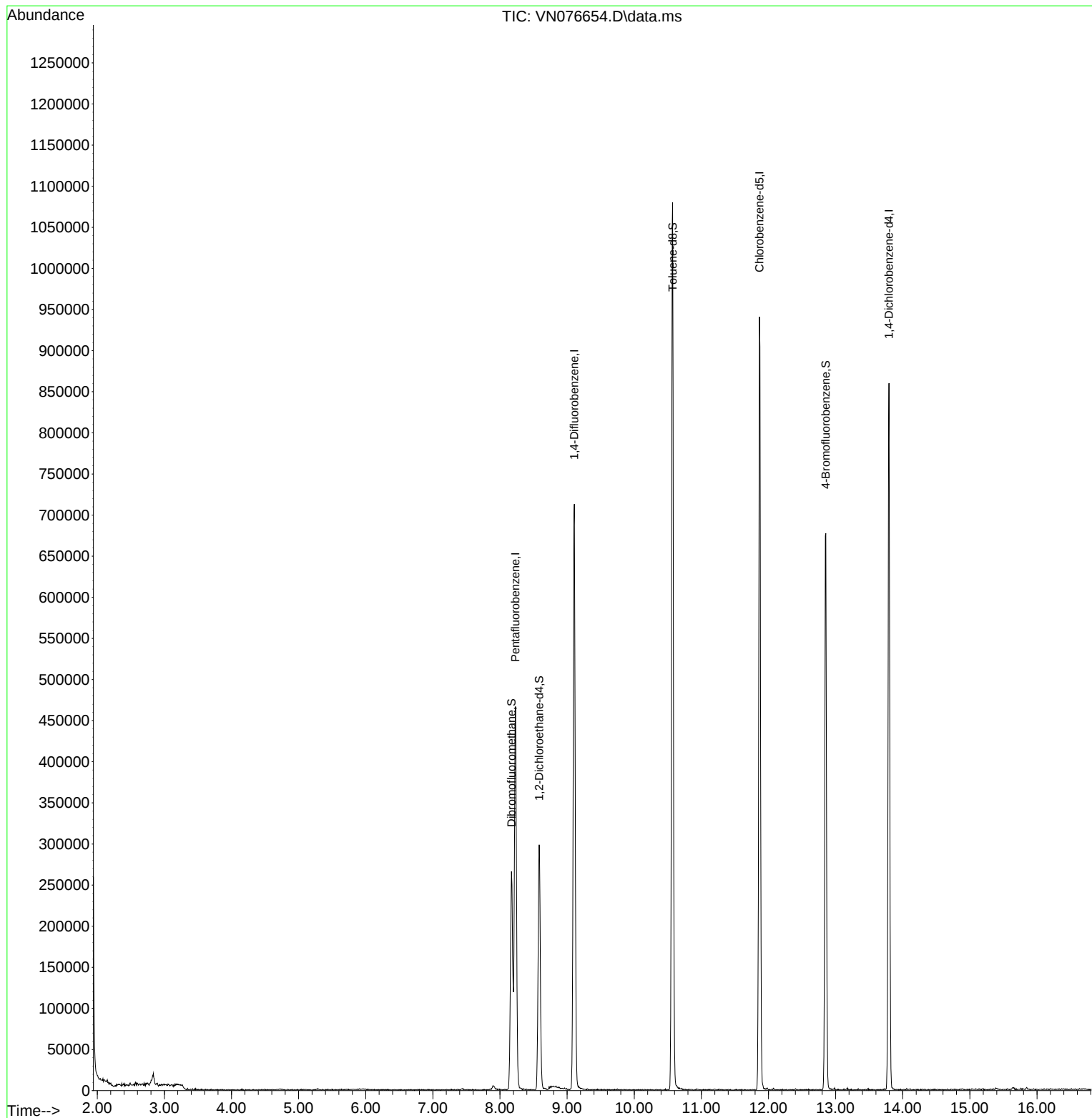
Target Compounds	Qvalue

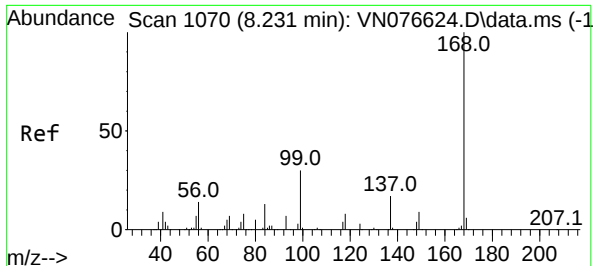
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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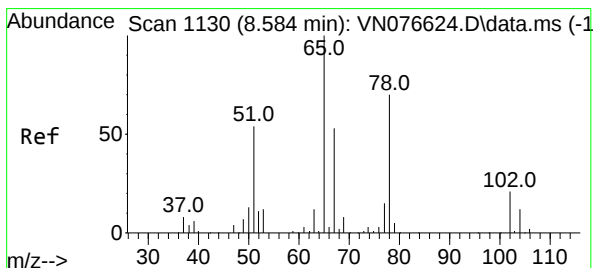
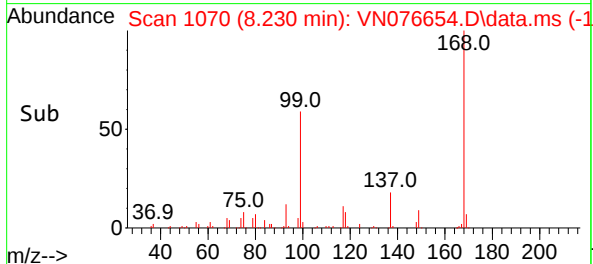
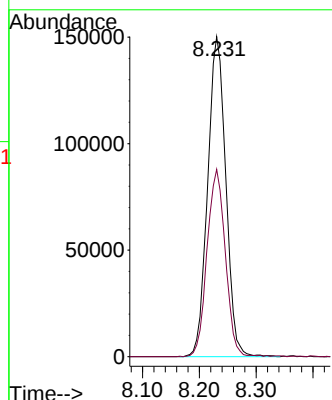
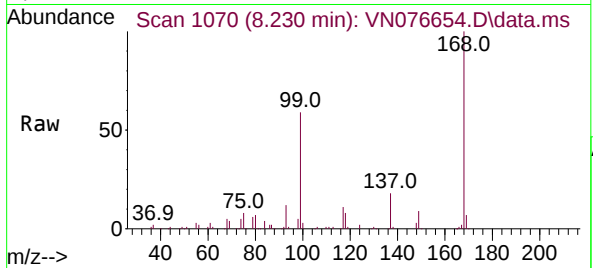




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN076654.D
Acq: 14 Feb 2023 11:49

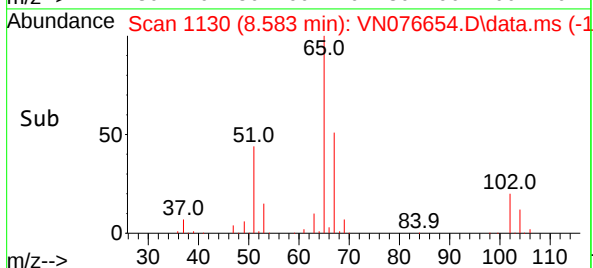
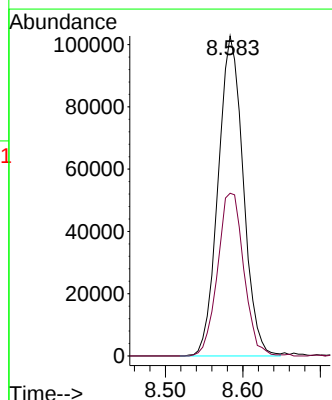
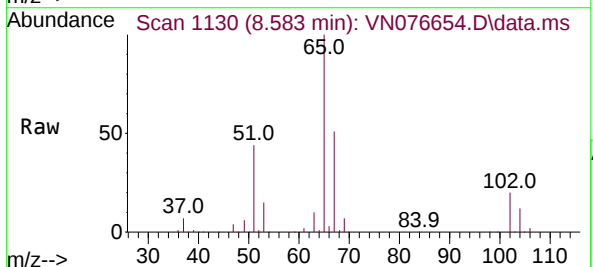
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBL01

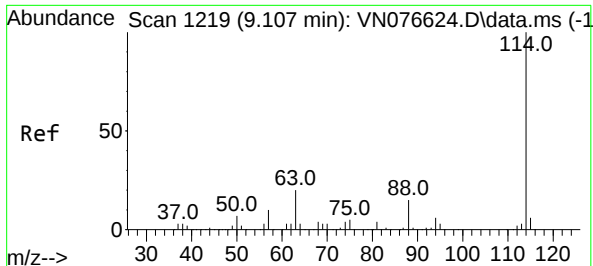
Tgt Ion:168 Resp: 332528
Ion Ratio Lower Upper
168 100
99 58.4 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 50.380 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076654.D
Acq: 14 Feb 2023 11:49

Tgt Ion: 65 Resp: 231329
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076654.D

Acq: 14 Feb 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0214WBL01

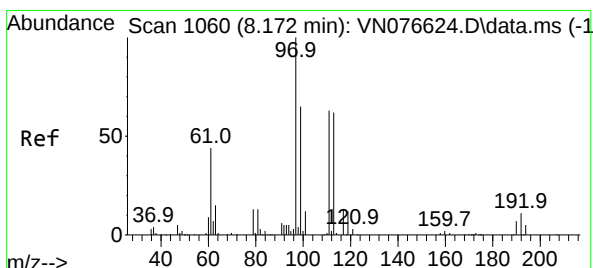
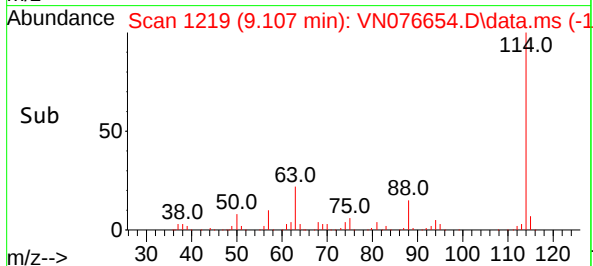
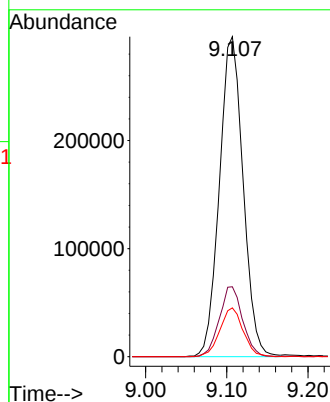
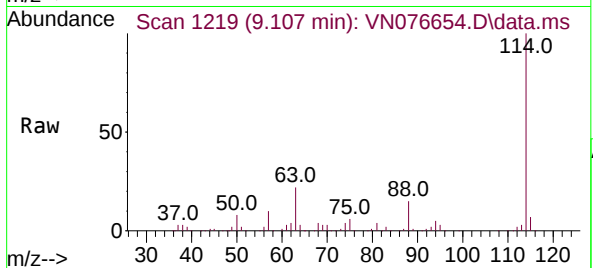
Tgt Ion:114 Resp: 600438

Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.0

88 15.3 0.0 29.6



#35

Dibromofluoromethane

Concen: 48.029 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076654.D

Acq: 14 Feb 2023 11:49

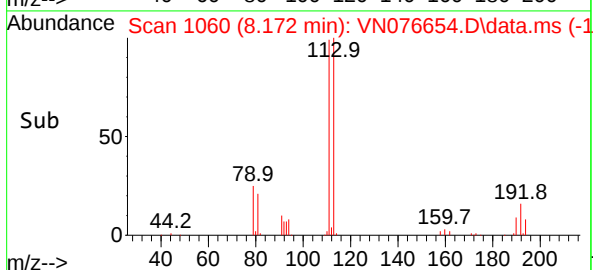
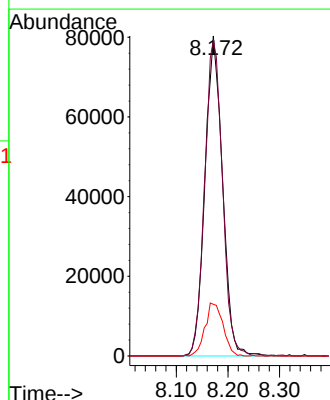
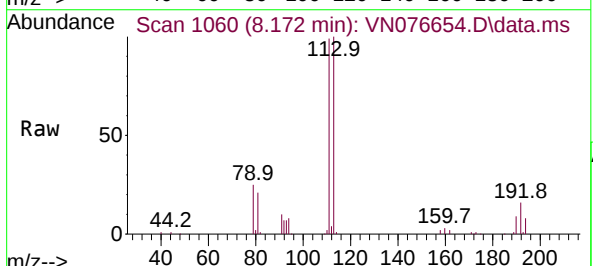
Tgt Ion:113 Resp: 188859

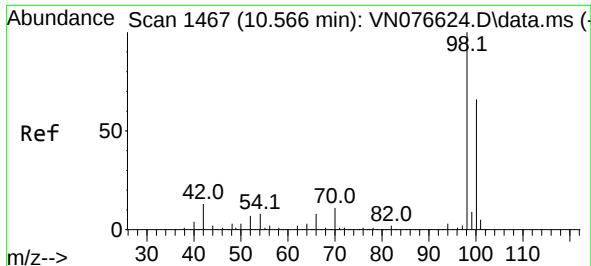
Ion Ratio Lower Upper

113 100

111 100.2 83.1 124.7

192 17.1 15.6 23.4

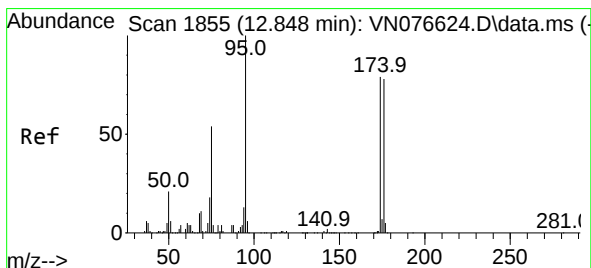
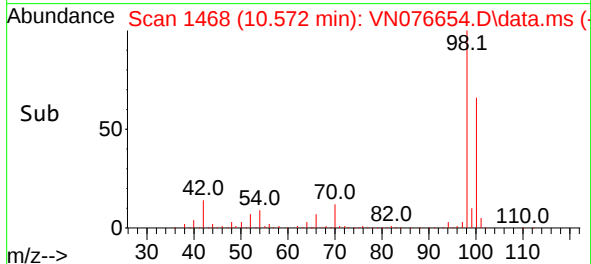
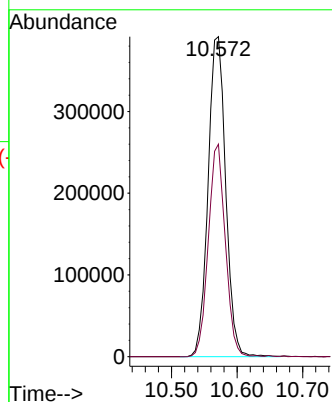
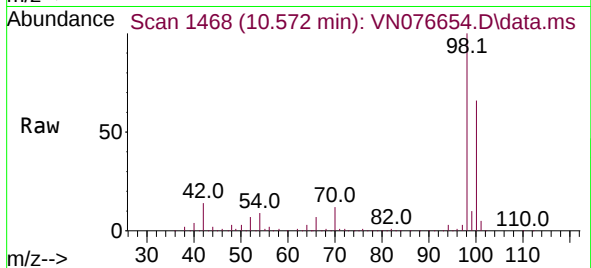




#50
Toluene-d8
Concen: 49.809 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076654.D
Acq: 14 Feb 2023 11:49

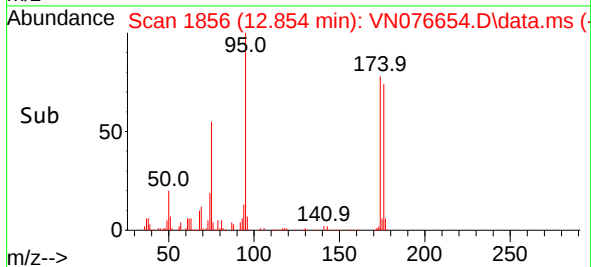
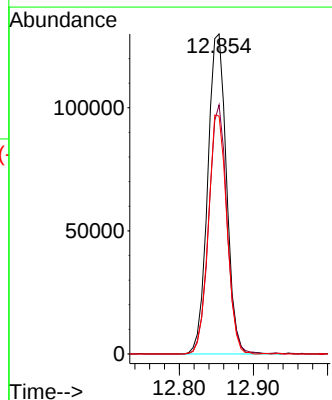
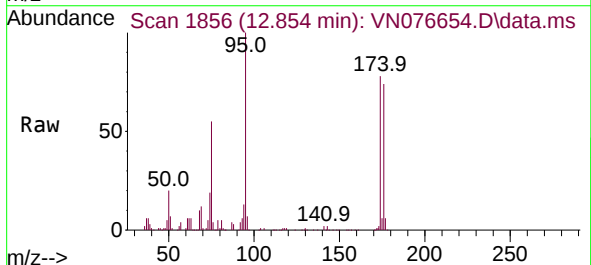
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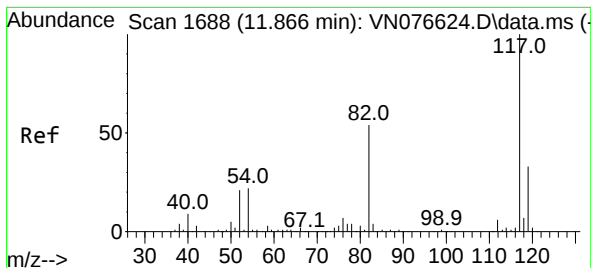
Tgt Ion: 98 Resp: 731443
Ion Ratio Lower Upper
98 100
100 64.1 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 46.873 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076654.D
Acq: 14 Feb 2023 11:49

Tgt Ion: 95 Resp: 227974
Ion Ratio Lower Upper
95 100
174 75.5 0.0 169.2
176 73.9 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.866 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076654.D

Acq: 14 Feb 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0214WBL01

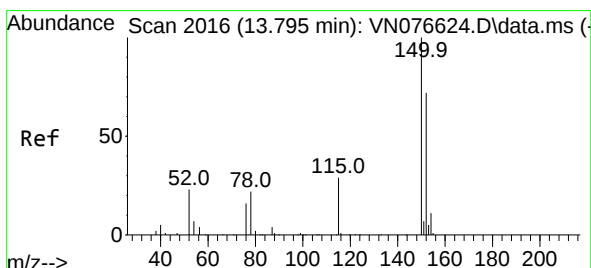
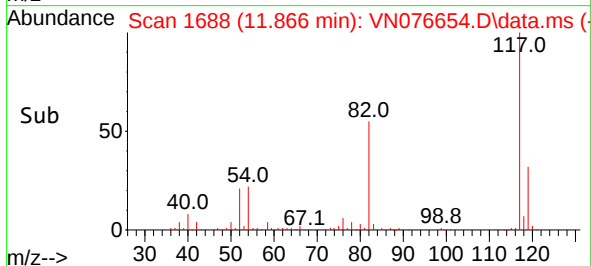
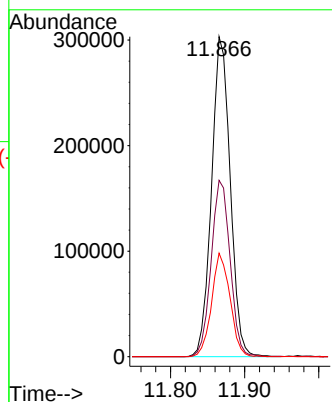
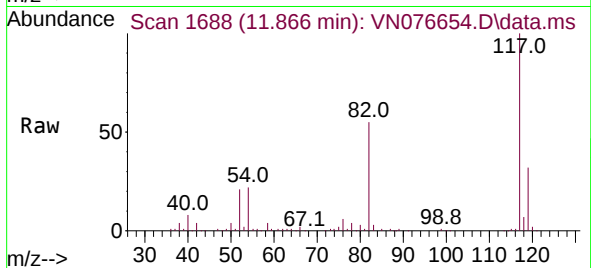
Tgt Ion:117 Resp: 530598

Ion Ratio Lower Upper

117 100

82 55.1 43.4 65.2

119 32.4 26.1 39.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN076654.D

Acq: 14 Feb 2023 11:49

Tgt Ion:152 Resp: 215149

Ion Ratio Lower Upper

152 100

115 59.2 29.3 87.9

150 159.2 0.0 349.8

