

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062024\
 Data File : VN082663.D
 Acq On : 20 Jun 2024 13:09
 Operator : JC\MD
 Sample : P2978-01 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR-05-115-142-061924

Quant Time: Jun 21 02:05:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	134426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	247482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	242547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103079	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	122903	57.013	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.020%
35) Dibromofluoromethane	8.165	113	91910	54.744	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.480%
50) Toluene-d8	10.571	98	322258	50.758	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.520%
62) 4-Bromofluorobenzene	12.853	95	105779	48.325	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	96.660%

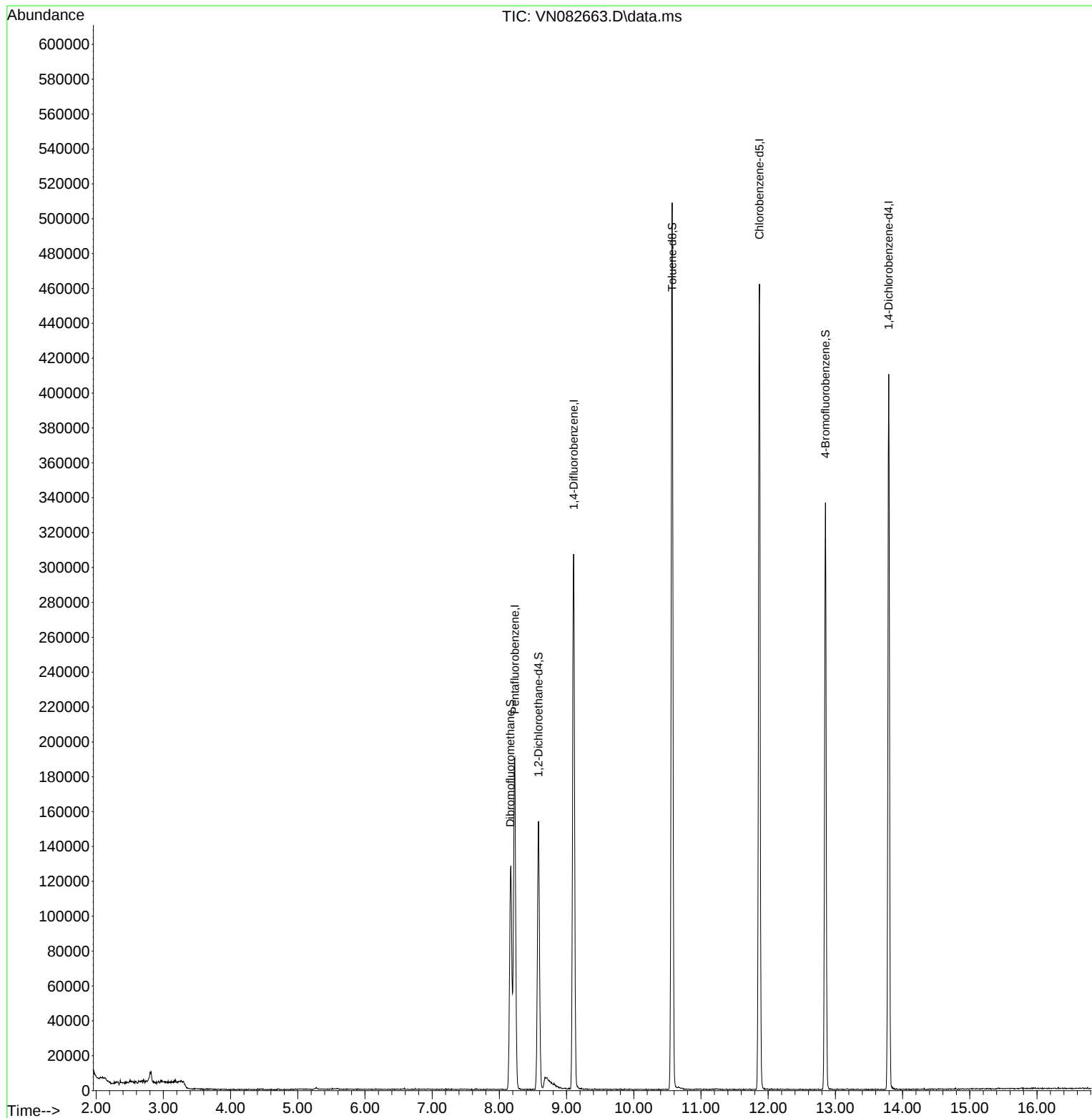
Target Compounds	Qvalue

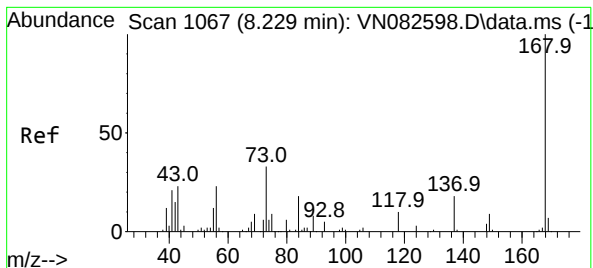
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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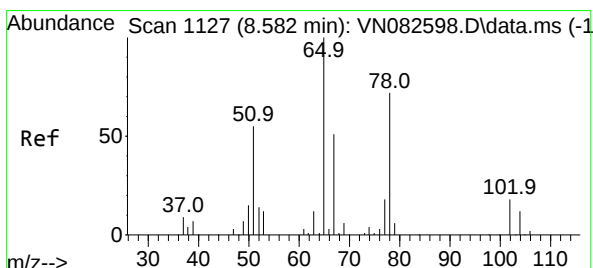
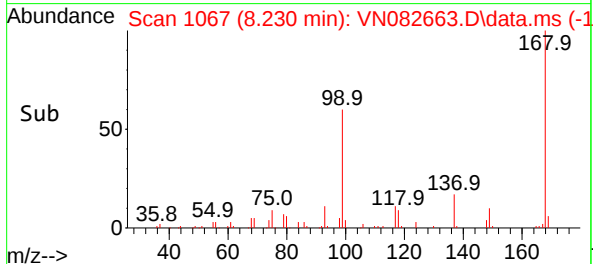
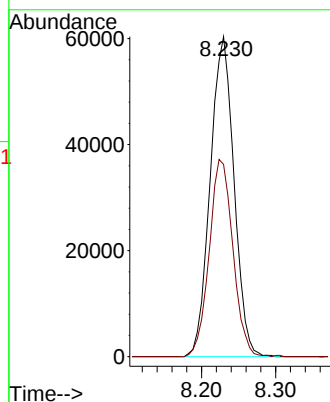
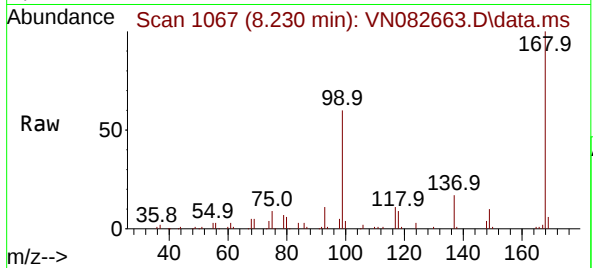




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082663.D
Acq: 20 Jun 2024 13:09

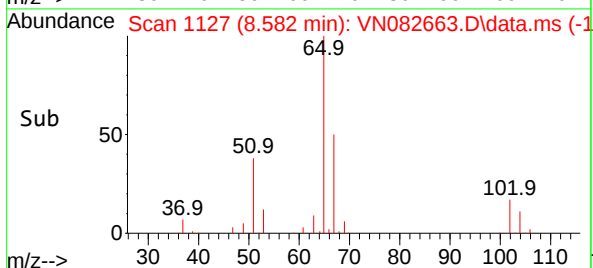
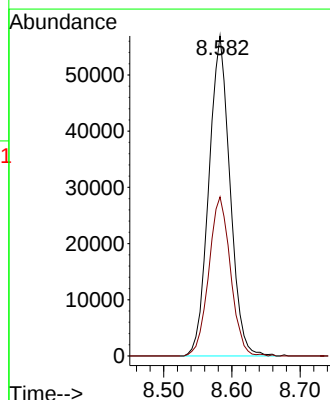
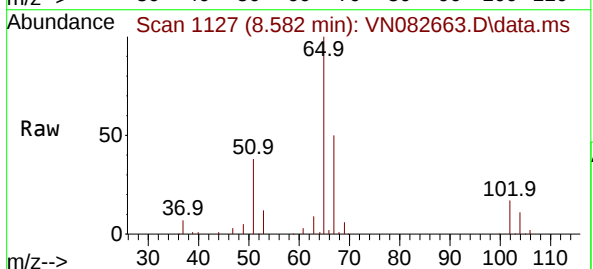
Instrument :
MSVOA_N
ClientSampleId :
GWBR-05-115-142-061924

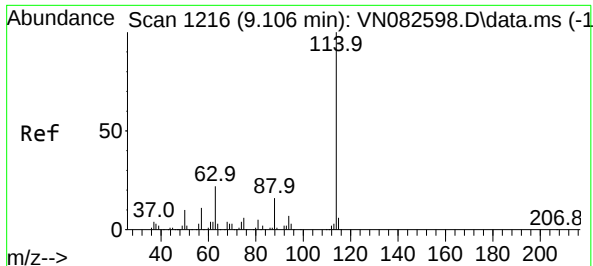
Tgt Ion:168 Resp: 134426
Ion Ratio Lower Upper
168 100
99 60.1 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 57.013 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082663.D
Acq: 20 Jun 2024 13:09

Tgt Ion: 65 Resp: 122903
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082663.D

Acq: 20 Jun 2024 13:09

Instrument :

MSVOA_N

ClientSampleId :

GWBR-05-115-142-061924

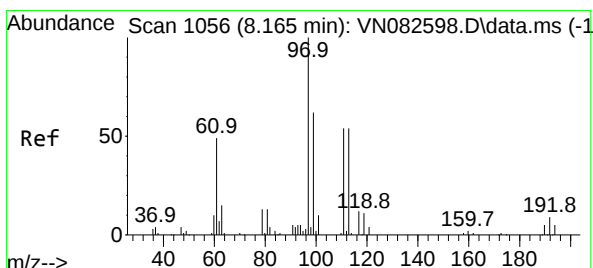
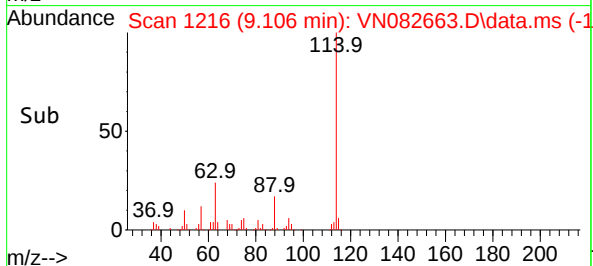
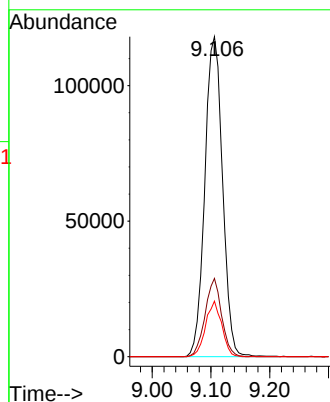
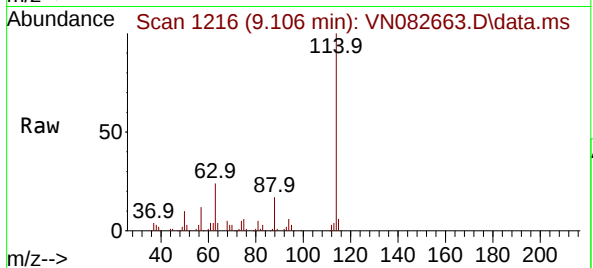
Tgt Ion:114 Resp: 247482

Ion Ratio Lower Upper

114 100

63 24.4 0.0 44.6

88 17.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.744 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082663.D

Acq: 20 Jun 2024 13:09

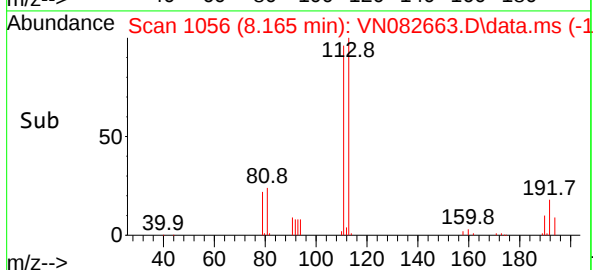
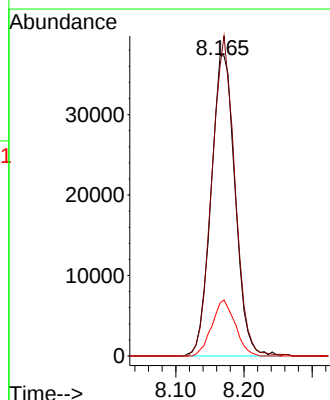
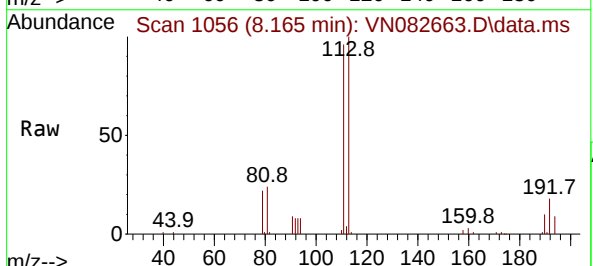
Tgt Ion:113 Resp: 91910

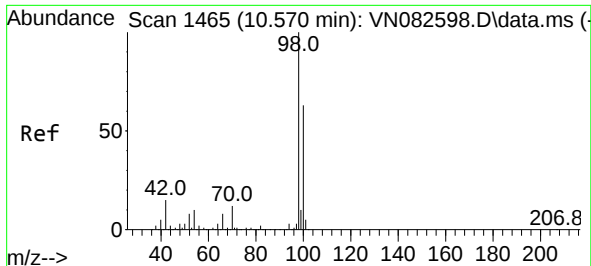
Ion Ratio Lower Upper

113 100

111 101.5 82.4 123.6

192 18.0 14.9 22.3

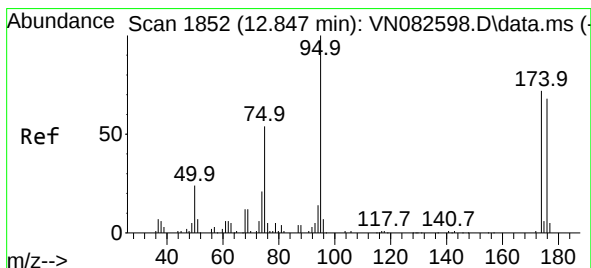
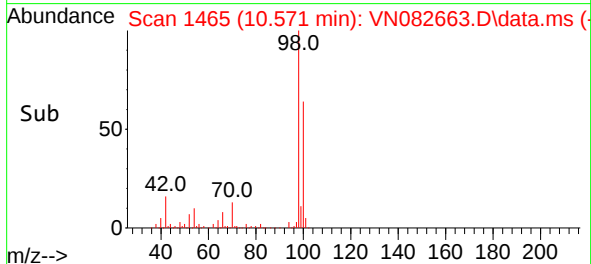
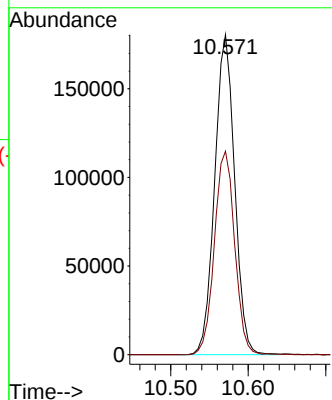
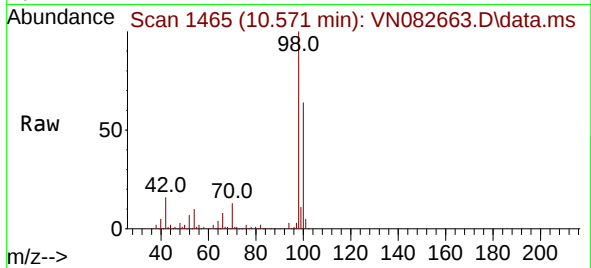




#50
Toluene-d8
Concen: 50.758 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082663.D
Acq: 20 Jun 2024 13:09

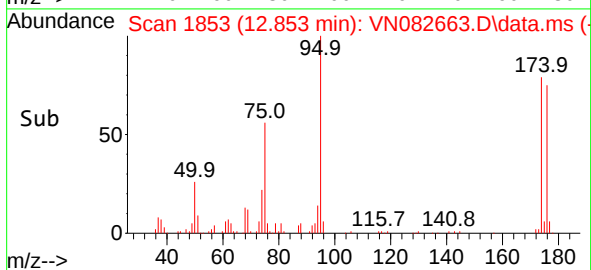
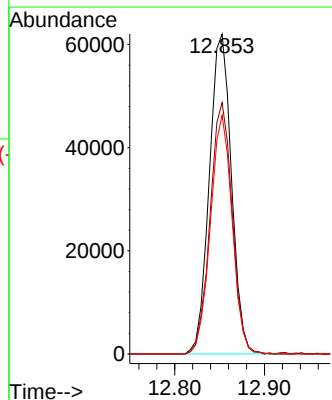
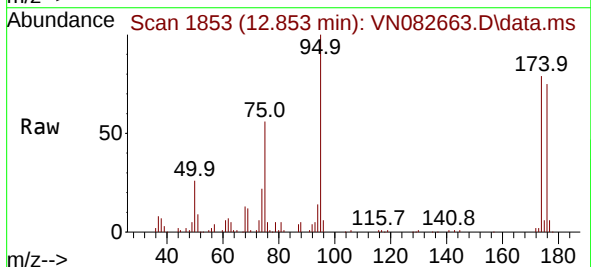
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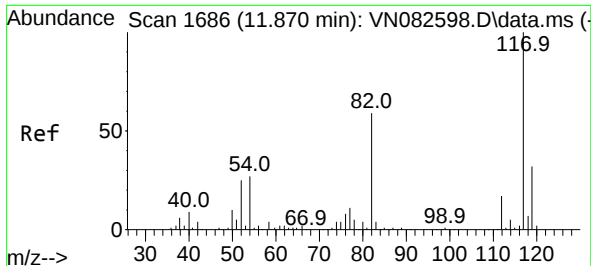
Tgt Ion: 98 Resp: 322258
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 48.325 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082663.D
Acq: 20 Jun 2024 13:09

Tgt Ion: 95 Resp: 105779
Ion Ratio Lower Upper
95 100
174 78.9 0.0 159.2
176 73.5 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082663.D

Acq: 20 Jun 2024 13:09

Instrument :

MSVOA_N

ClientSampleId :

GWBR-05-115-142-061924

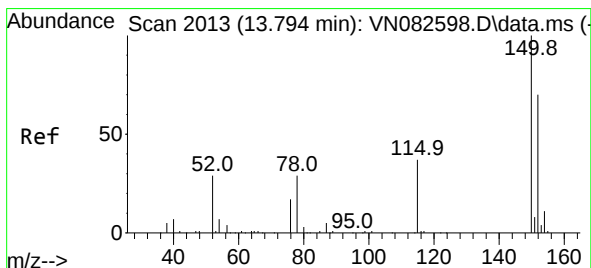
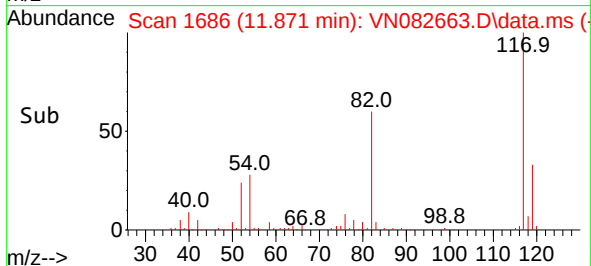
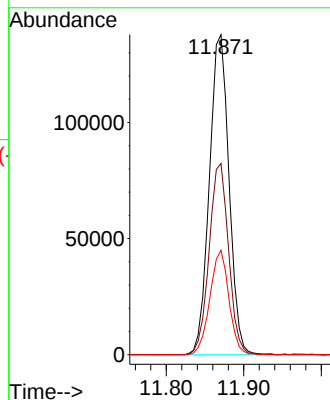
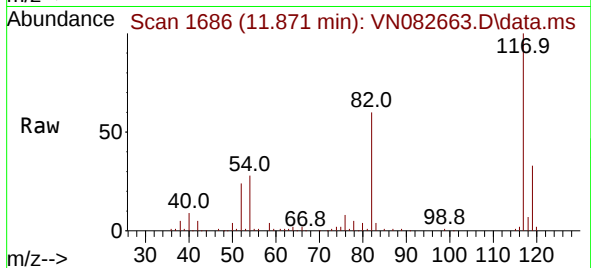
Tgt Ion:117 Resp: 242547

Ion Ratio Lower Upper

117 100

82 59.7 47.5 71.3

119 32.6 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN082663.D

Acq: 20 Jun 2024 13:09

Tgt Ion:152 Resp: 103079

Ion Ratio Lower Upper

152 100

115 60.6 30.6 91.6

150 158.5 0.0 348.6

