

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011024\
 Data File : VN080663.D
 Acq On : 10 Jan 2024 15:32
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 11 06:43:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	98435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	226913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	232030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	92770	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105217	60.868	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	121.740%
35) Dibromofluoromethane	8.171	113	80569	62.492	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	124.980%#
50) Toluene-d8	10.565	98	312001	63.466	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	126.940%#
62) 4-Bromofluorobenzene	12.847	95	128251	68.031	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	136.060%#

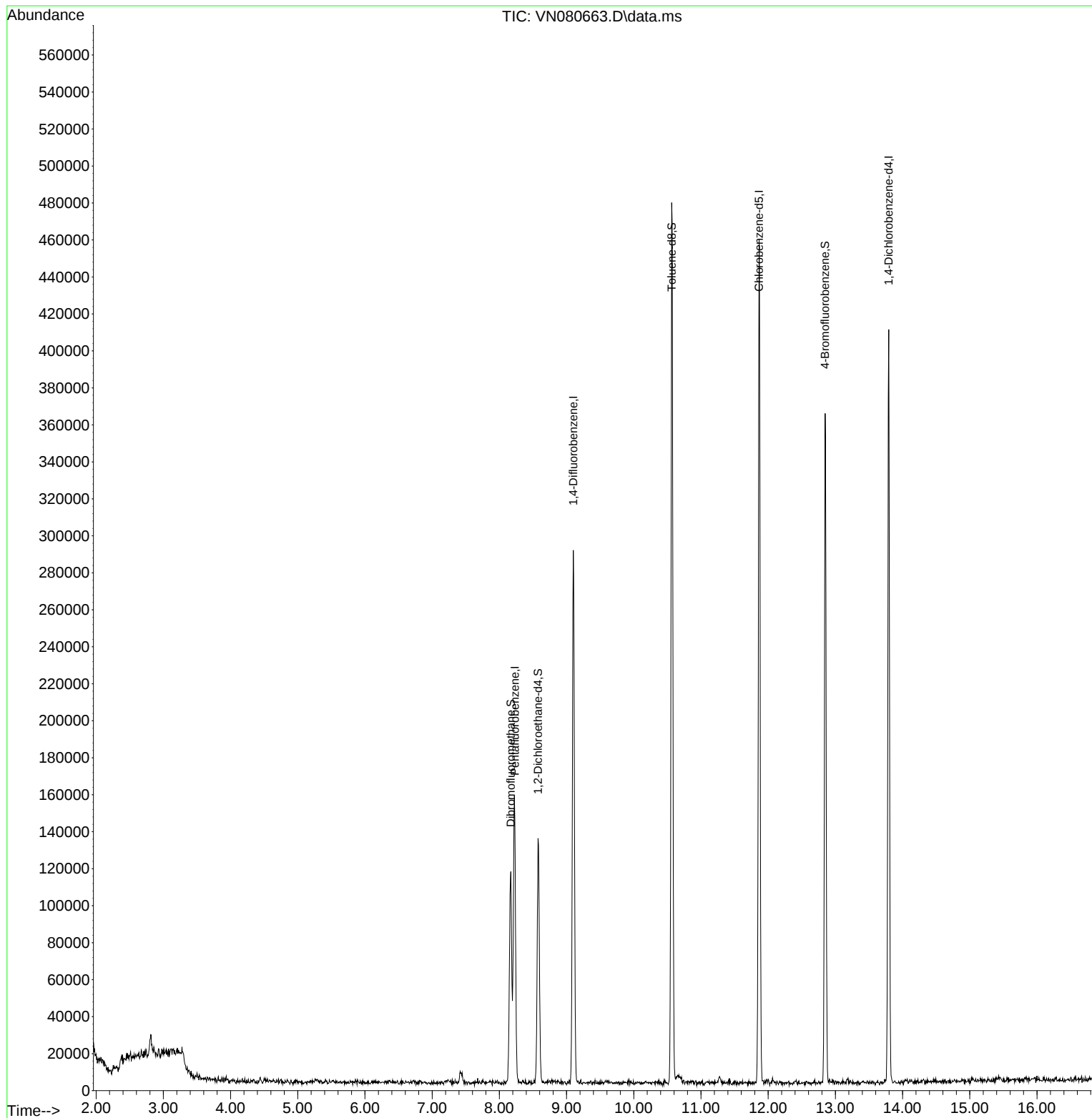
Target Compounds	Qvalue

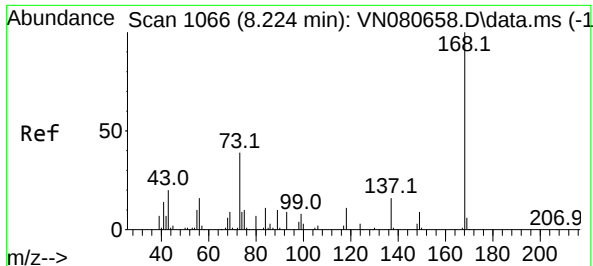
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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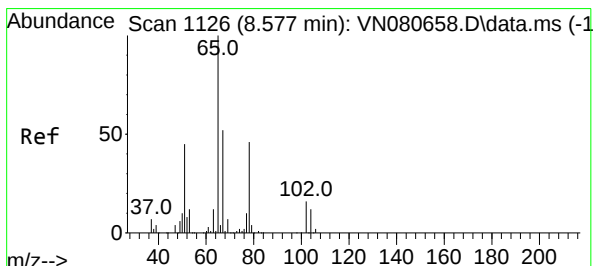
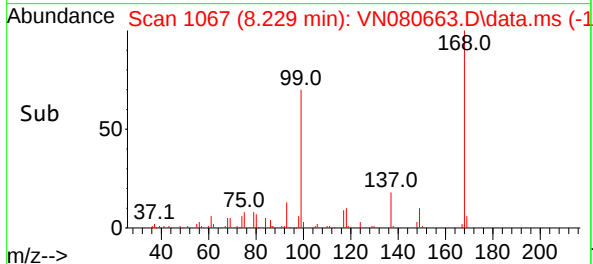
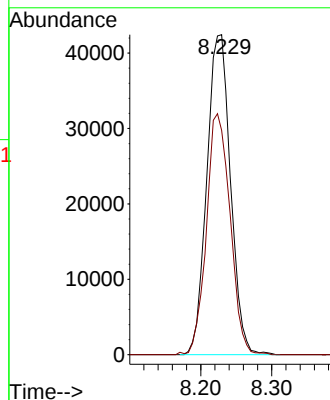
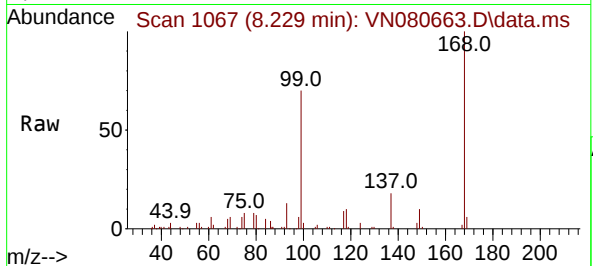




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN080663.D
Acq: 10 Jan 2024 15:32

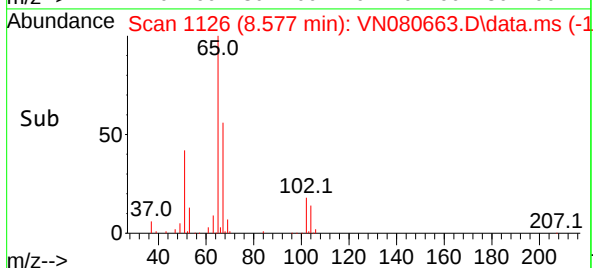
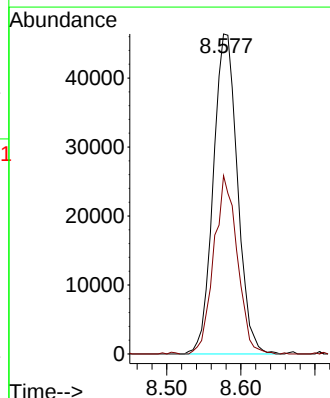
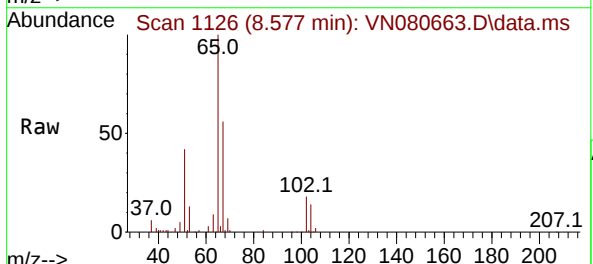
Instrument :
MSVOA_N
ClientSampleId :
IBLK

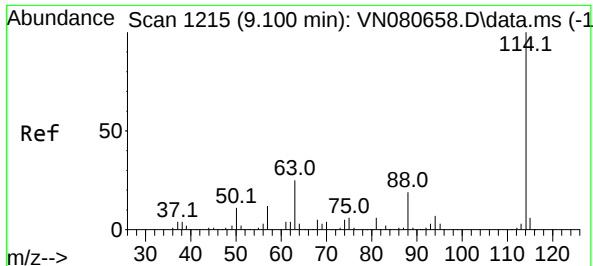
Tgt Ion:168 Resp: 98435
Ion Ratio Lower Upper
168 100
99 70.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 60.868 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080663.D
Acq: 10 Jan 2024 15:32

Tgt Ion: 65 Resp: 105217
Ion Ratio Lower Upper
65 100
67 54.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080663.D

Acq: 10 Jan 2024 15:32

Instrument :

MSVOA_N

ClientSampleId :

IBLK

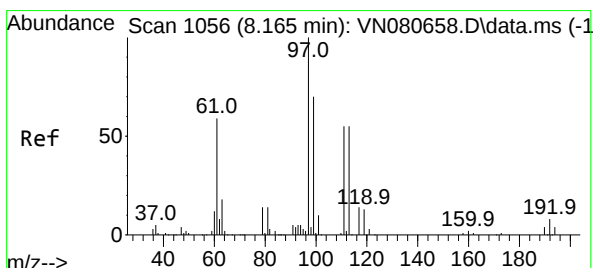
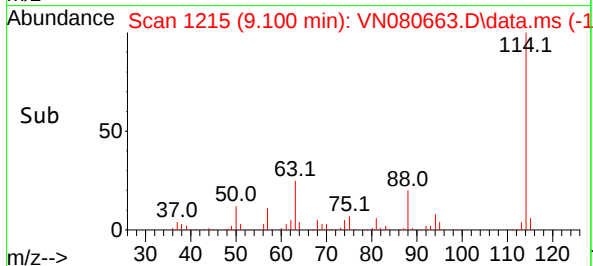
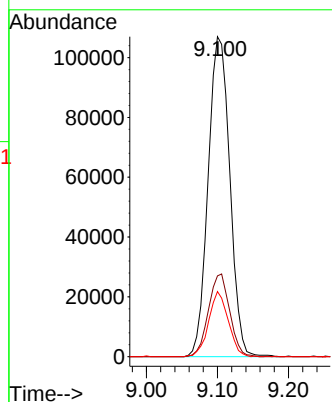
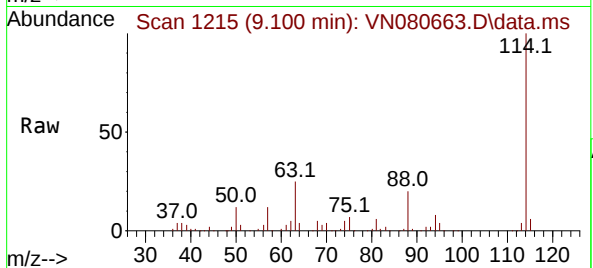
Tgt Ion:114 Resp: 226913

Ion Ratio Lower Upper

114 100

63 25.3 0.0 36.4

88 20.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 62.492 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080663.D

Acq: 10 Jan 2024 15:32

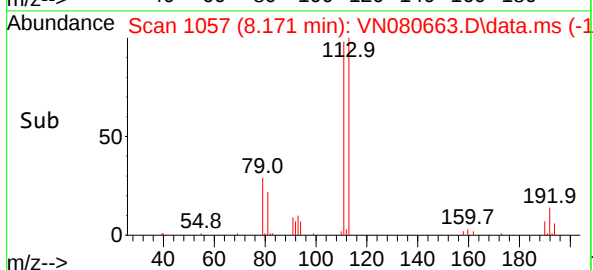
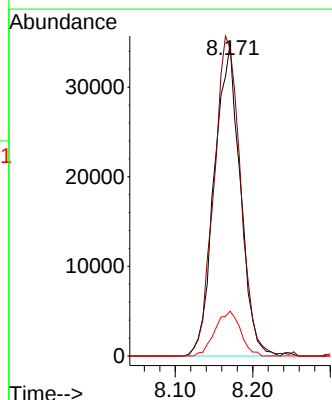
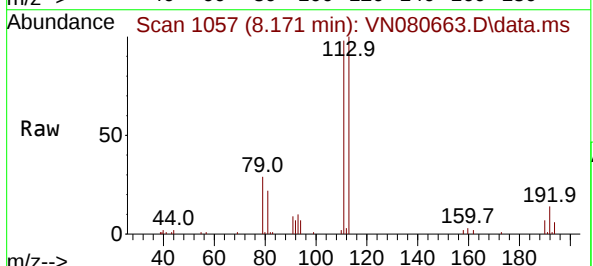
Tgt Ion:113 Resp: 80569

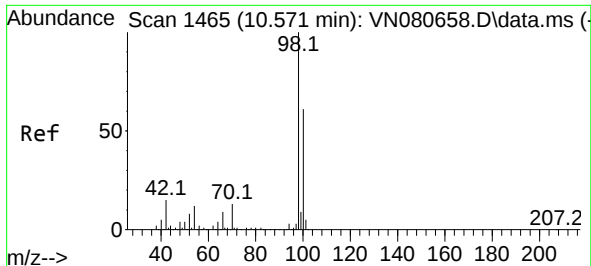
Ion Ratio Lower Upper

113 100

111 105.2 82.6 123.8

192 14.2 12.7 19.1

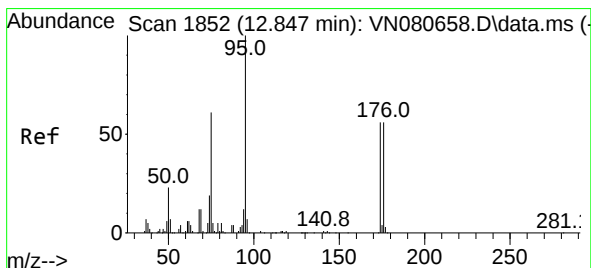
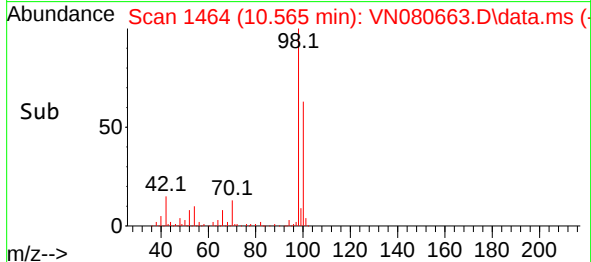
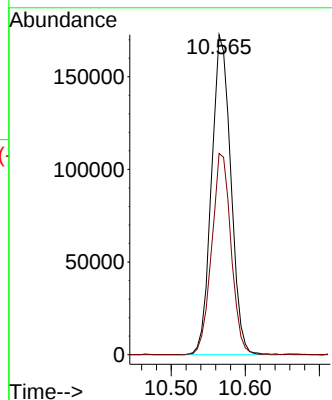
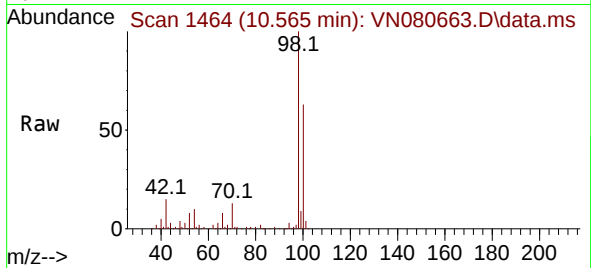




#50
Toluene-d8
Concen: 63.466 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080663.D
Acq: 10 Jan 2024 15:32

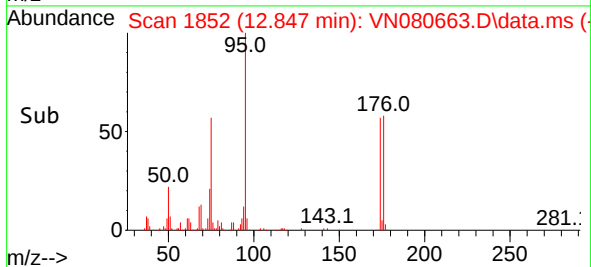
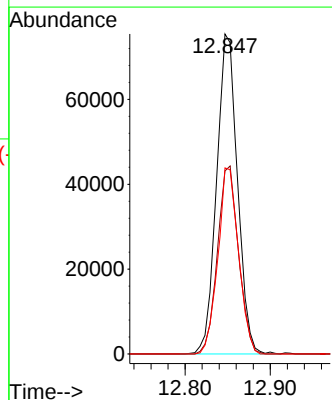
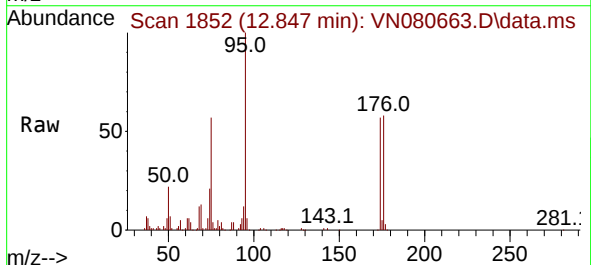
Instrument :
MSVOA_N
ClientSampleId :
IBLK

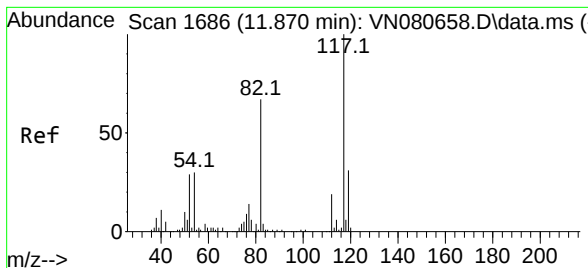
Tgt Ion: 98 Resp: 312001
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 68.031 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080663.D
Acq: 10 Jan 2024 15:32

Tgt Ion: 95 Resp: 128251
Ion Ratio Lower Upper
95 100
174 59.2 0.0 143.8
176 57.3 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN080663.D

Acq: 10 Jan 2024 15:32

Instrument :

MSVOA_N

ClientSampleId :

IBLK

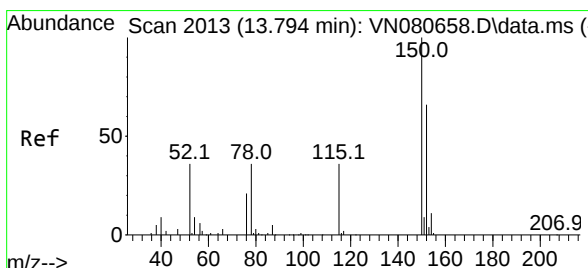
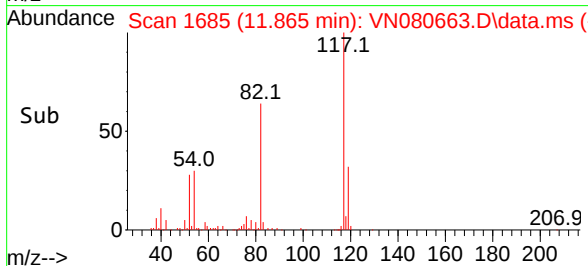
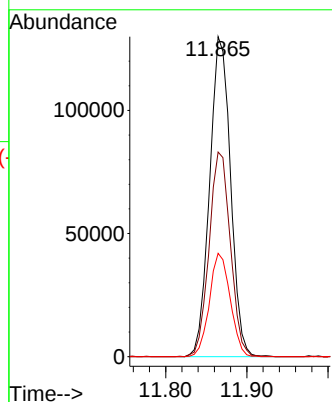
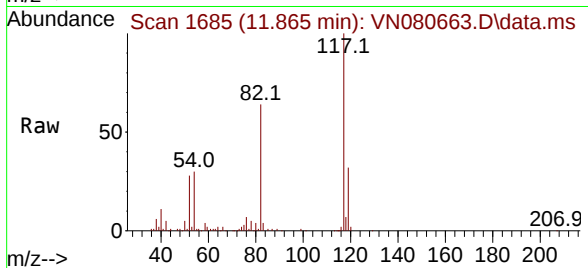
Tgt Ion:117 Resp: 232030

Ion Ratio Lower Upper

117 100

82 63.9 44.0 66.0

119 32.3 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: VN080663.D

Acq: 10 Jan 2024 15:32

Tgt Ion:152 Resp: 92770

Ion Ratio Lower Upper

152 100

115 68.3 32.3 96.8

150 154.7 0.0 355.8

