

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041624\
 Data File : VN081757.D
 Acq On : 16 Apr 2024 14:27
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 17 03:25:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	250812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	468845	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	415451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	169135	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	178461	50.565	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.140%
35) Dibromofluoromethane	8.165	113	148875	48.086	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.180%
50) Toluene-d8	10.571	98	560735	49.163	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.320%
62) 4-Bromofluorobenzene	12.853	95	186549	47.863	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	95.720%

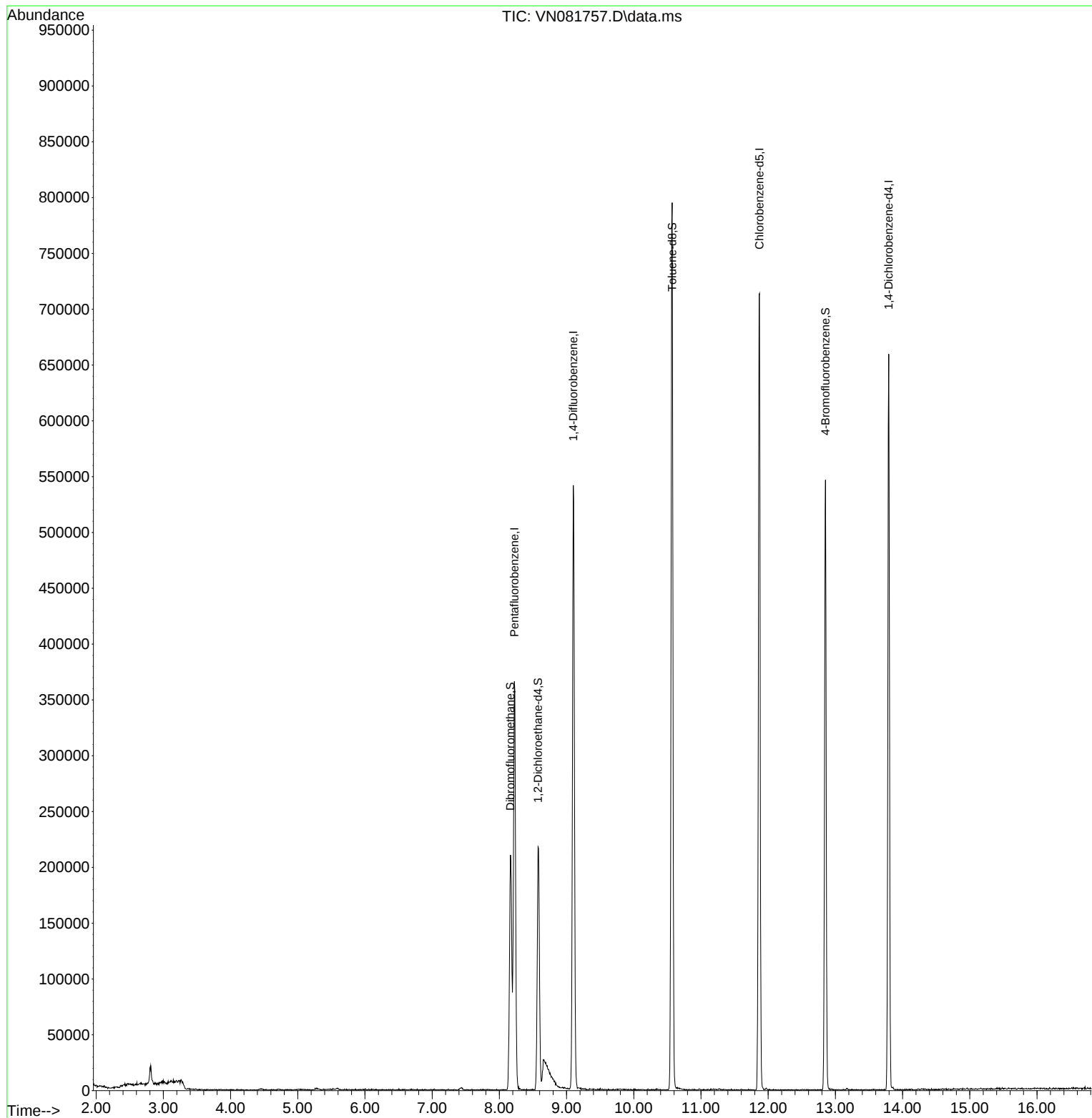
Target Compounds	Qvalue

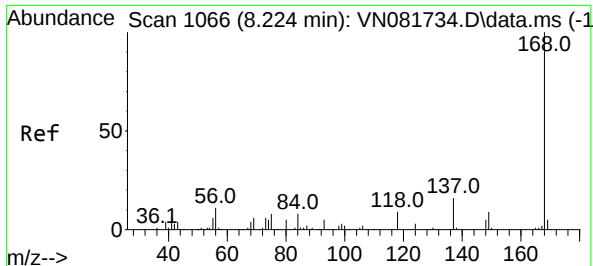
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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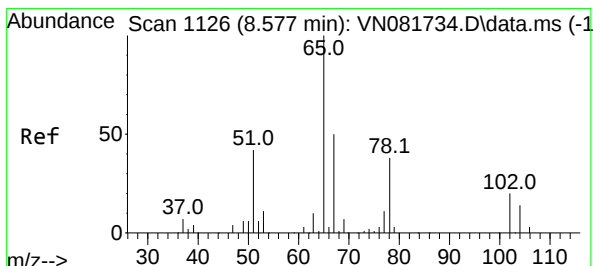
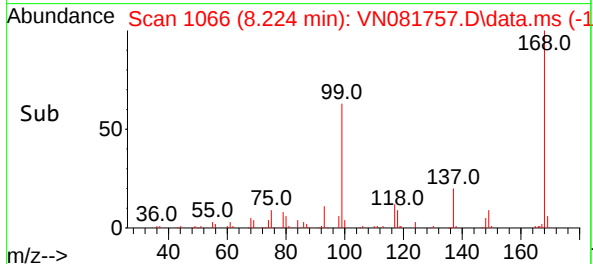
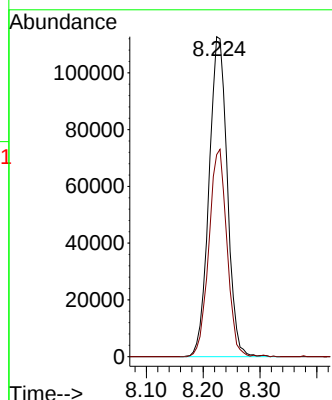
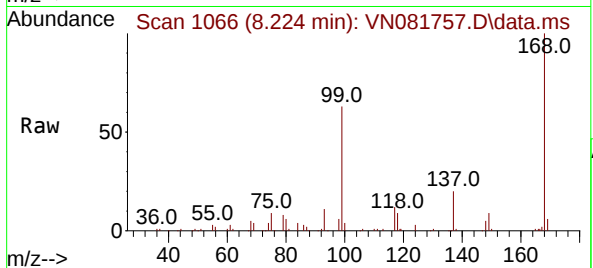




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081757.D
Acq: 16 Apr 2024 14:27

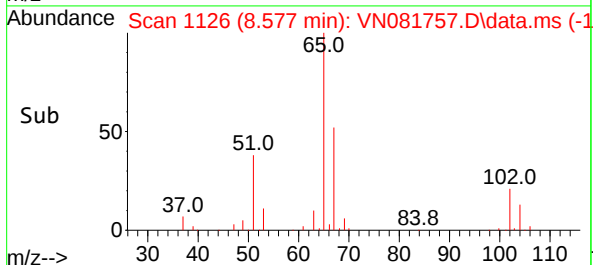
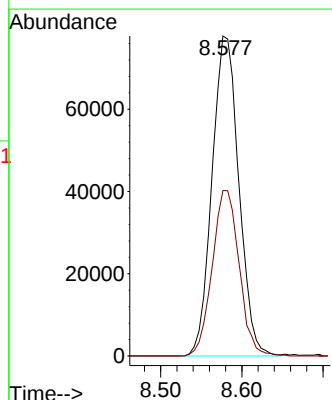
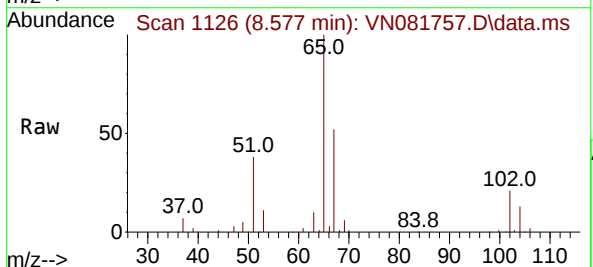
Instrument :
MSVOA_N
ClientSampleId :
IBLK

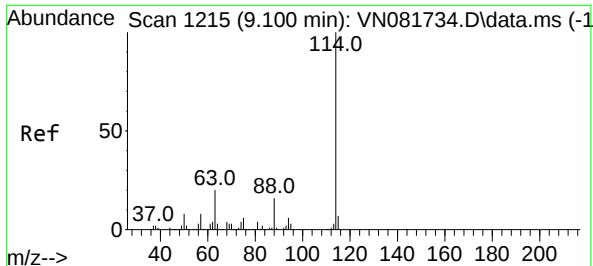
Tgt Ion:168 Resp: 250812
Ion Ratio Lower Upper
168 100
99 63.1 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 50.565 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081757.D
Acq: 16 Apr 2024 14:27

Tgt Ion: 65 Resp: 178461
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081757.D

Acq: 16 Apr 2024 14:27

Instrument :

MSVOA_N

ClientSampleId :

IBLK

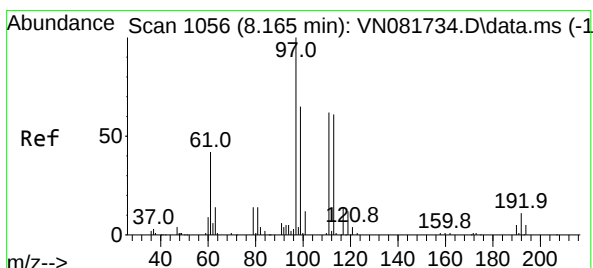
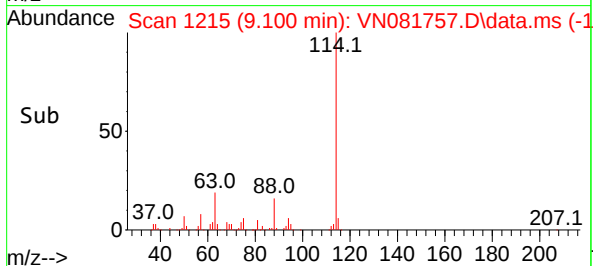
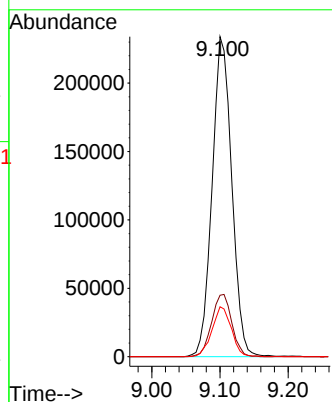
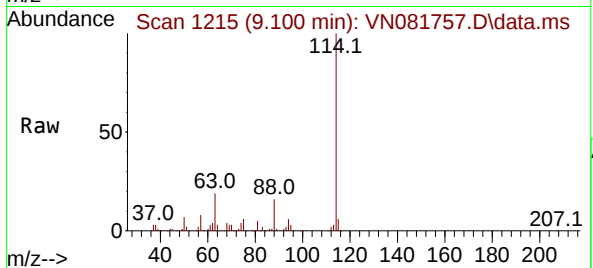
Tgt Ion:114 Resp: 468845

Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.0

88 15.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.086 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081757.D

Acq: 16 Apr 2024 14:27

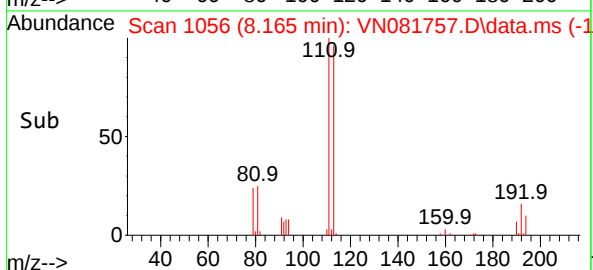
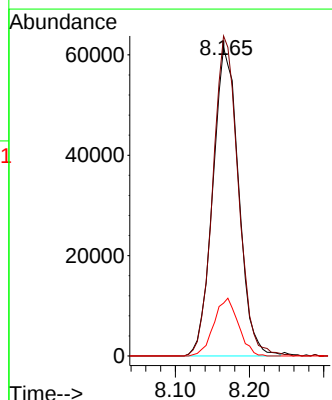
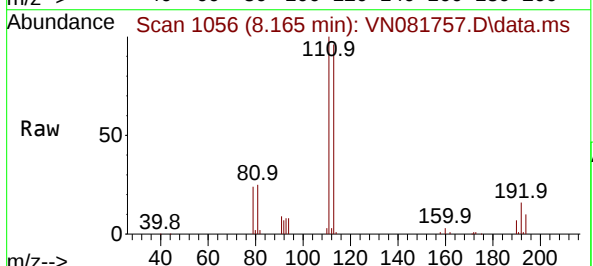
Tgt Ion:113 Resp: 148875

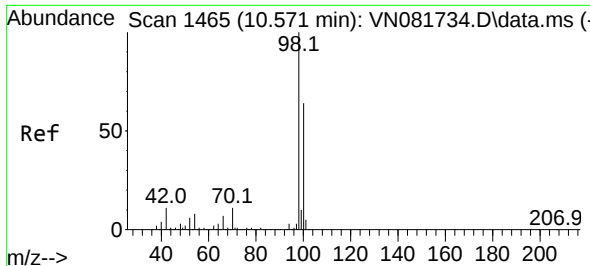
Ion Ratio Lower Upper

113 100

111 102.0 83.4 125.2

192 17.8 14.0 21.0

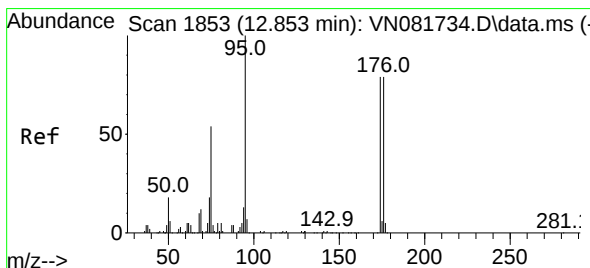
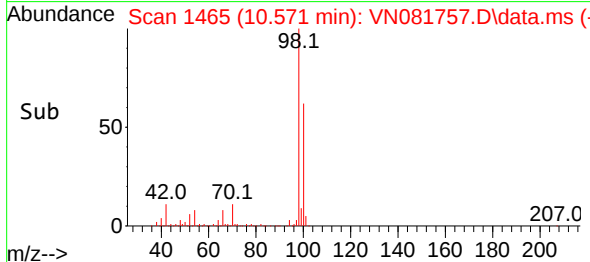
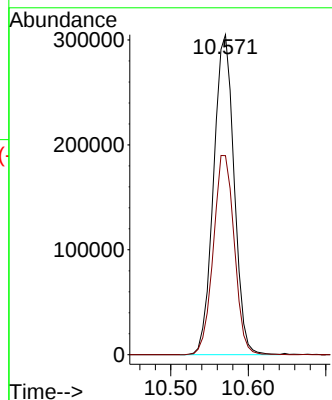
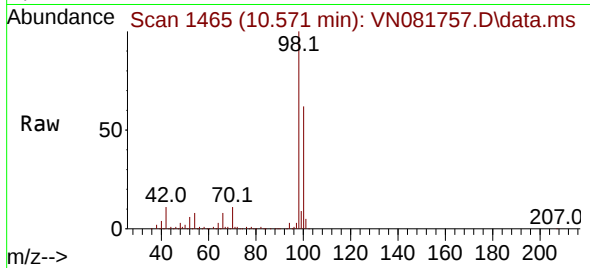




#50
Toluene-d8
Concen: 49.163 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081757.D
Acq: 16 Apr 2024 14:27

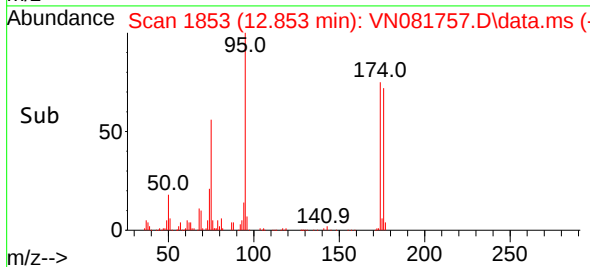
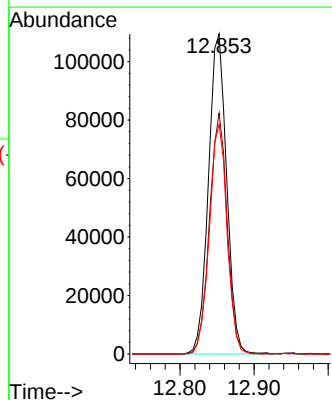
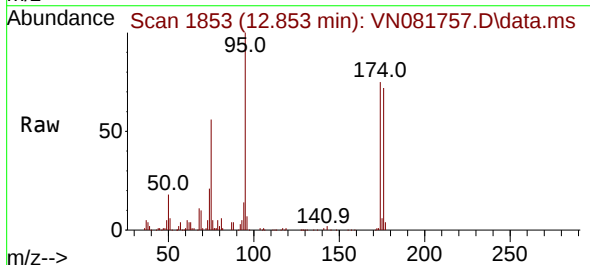
Instrument :
MSVOA_N
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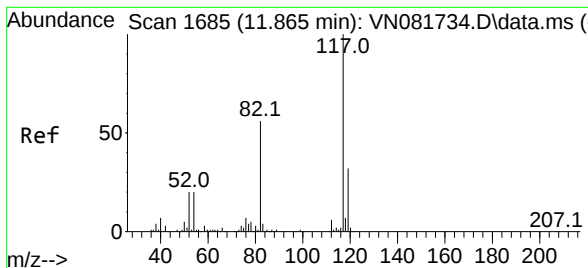
Tgt Ion: 98 Resp: 560735
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.863 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081757.D
Acq: 16 Apr 2024 14:27

Tgt Ion: 95 Resp: 186549
Ion Ratio Lower Upper
95 100
174 73.3 0.0 160.6
176 69.8 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN081757.D

Acq: 16 Apr 2024 14:27

Instrument :

MSVOA_N

ClientSampleId :

IBLK

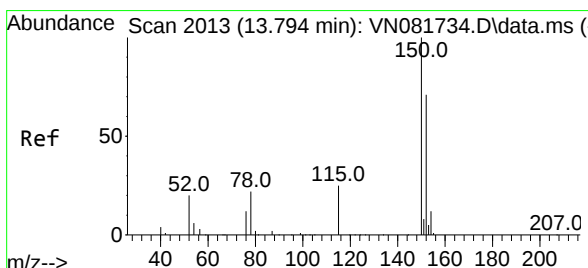
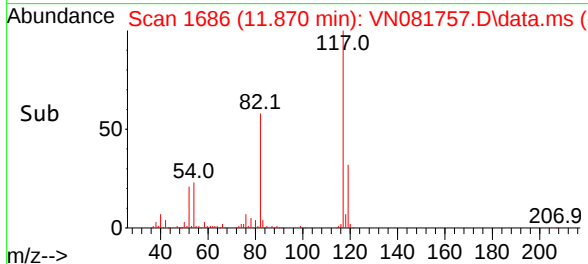
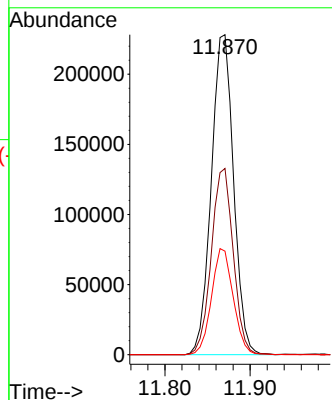
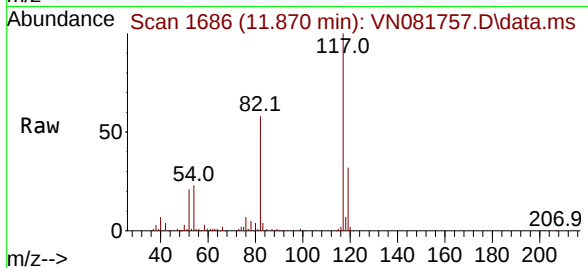
Tgt Ion:117 Resp: 415451

Ion Ratio Lower Upper

117 100

82 58.2 44.6 66.8

119 32.3 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081757.D

Acq: 16 Apr 2024 14:27

Tgt Ion:152 Resp: 169135

Ion Ratio Lower Upper

152 100

115 62.1 30.4 91.3

150 162.1 0.0 353.2

