

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020824\
 Data File : VN080953.D
 Acq On : 08 Feb 2024 10:49
 Operator : JC\MD
 Sample : VN0208MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0208MBL01

Quant Time: Feb 09 01:17:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	231456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	510231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	572394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	251756	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	175161	59.990	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.980%
35) Dibromofluoromethane	8.165	113	161852	59.115	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	118.240%
50) Toluene-d8	10.565	98	594608	60.042	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	120.080%#
62) 4-Bromofluorobenzene	12.853	95	244551	67.976	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	135.960%#

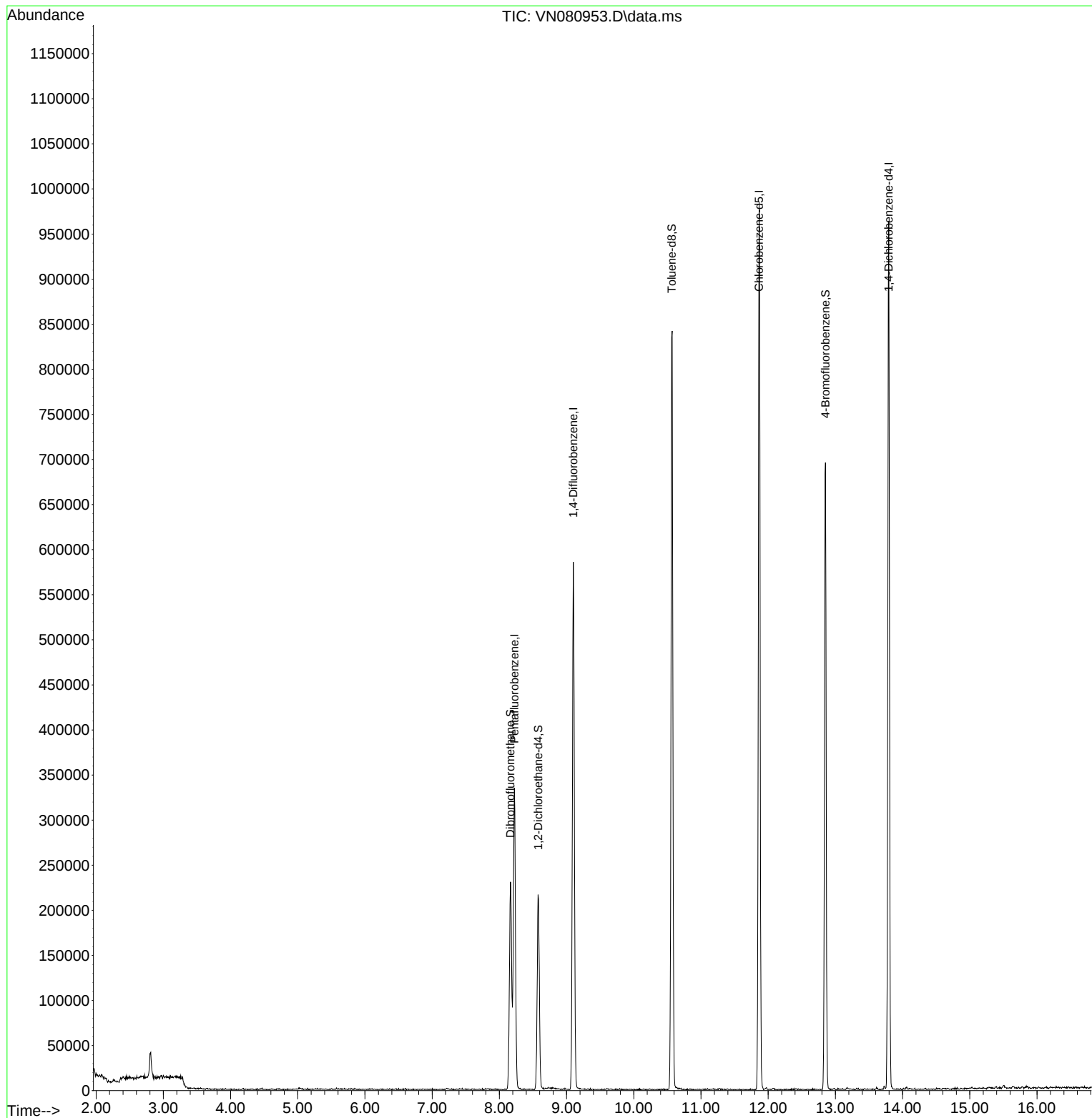
Target Compounds	Qvalue

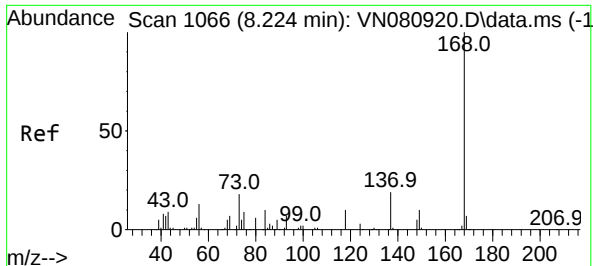
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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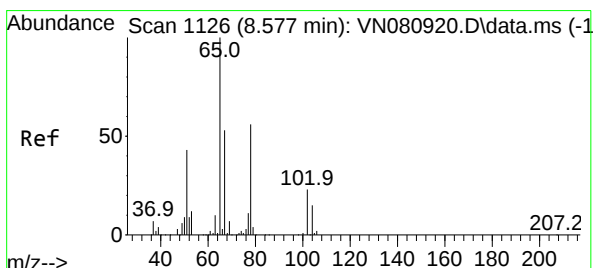
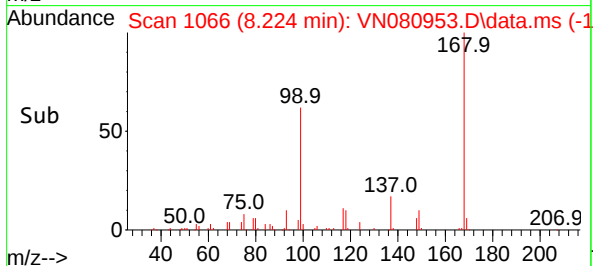
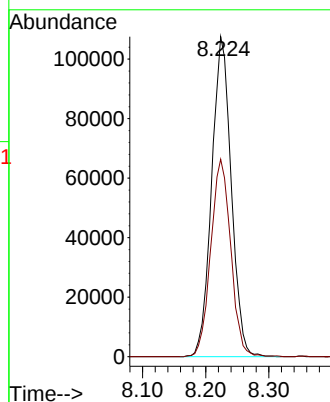
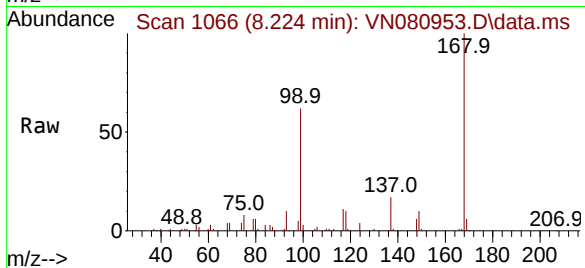




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080953.D
Acq: 08 Feb 2024 10:49

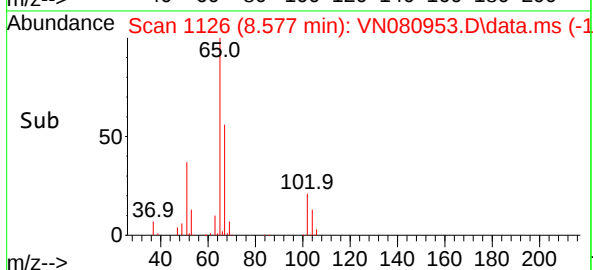
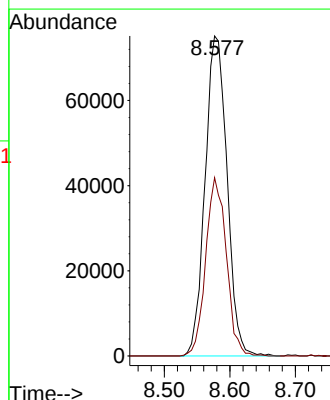
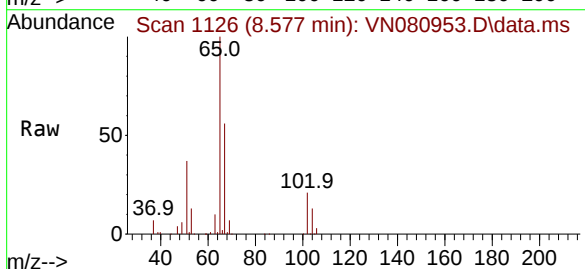
Instrument :
MSVOA_N
ClientSampleId :
VN0208MBL01

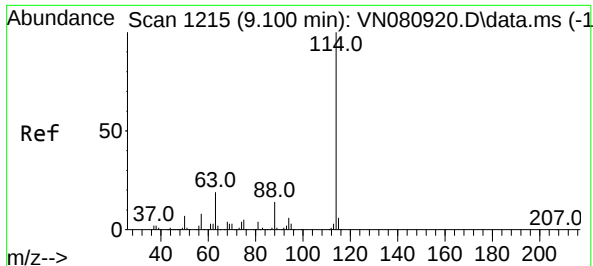
Tgt Ion:168 Resp: 231456
Ion Ratio Lower Upper
168 100
99 61.7 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 59.990 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080953.D
Acq: 08 Feb 2024 10:49

Tgt Ion: 65 Resp: 175161
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080953.D

Acq: 08 Feb 2024 10:49

Instrument :

MSVOA_N

ClientSampleId :

VN0208MBL01

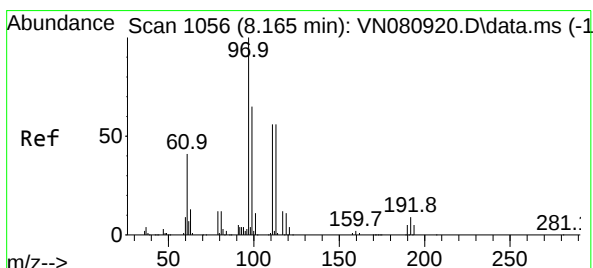
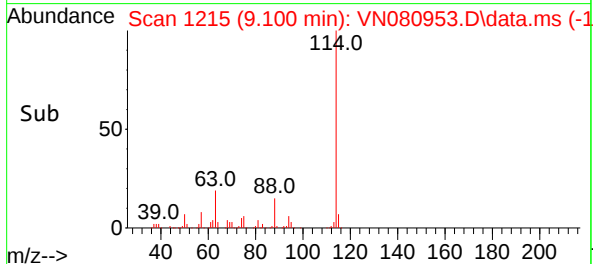
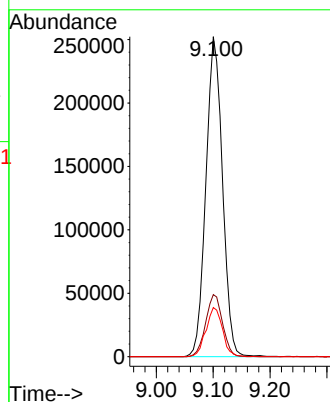
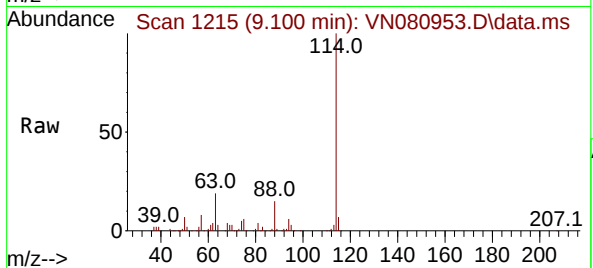
Tgt Ion:114 Resp: 510231

Ion Ratio Lower Upper

114 100

63 19.4 0.0 48.0

88 15.4 0.0 34.8



#35

Dibromofluoromethane

Concen: 59.115 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080953.D

Acq: 08 Feb 2024 10:49

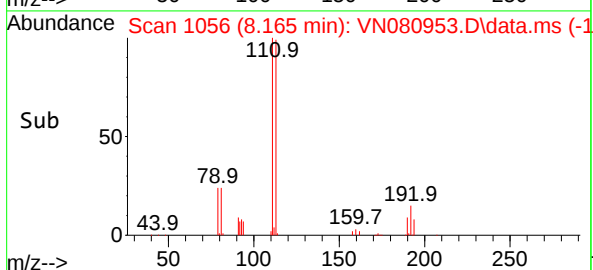
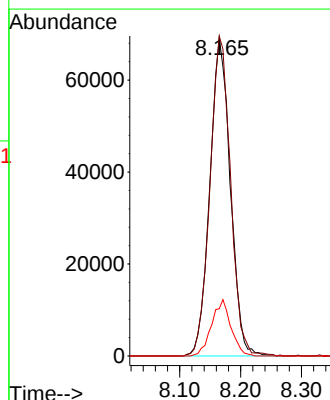
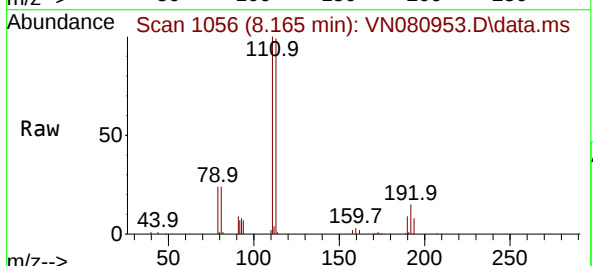
Tgt Ion:113 Resp: 161852

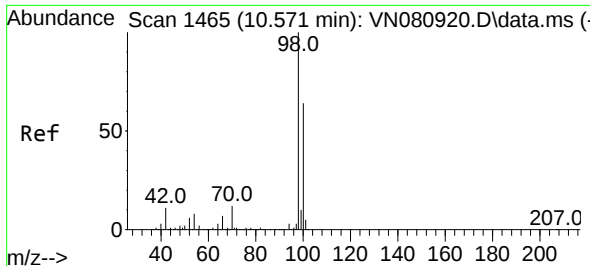
Ion Ratio Lower Upper

113 100

111 100.8 82.2 123.4

192 16.7 12.5 18.7

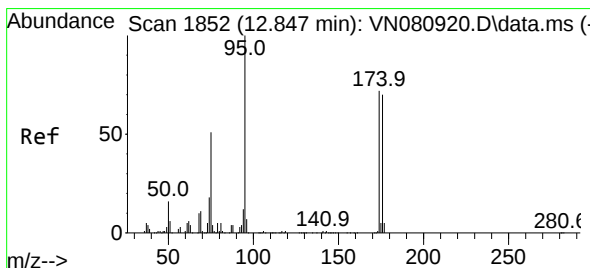
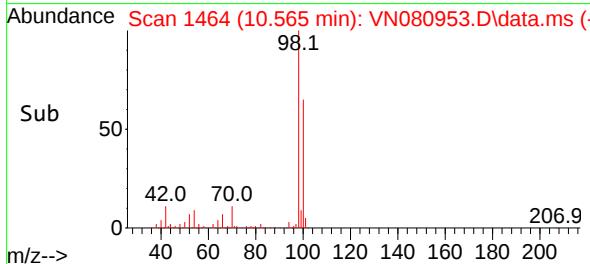
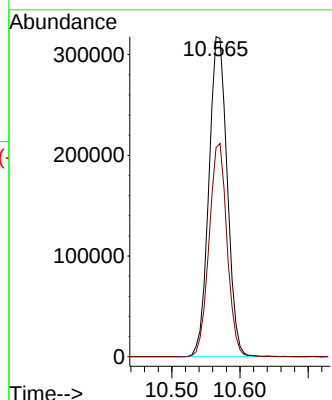
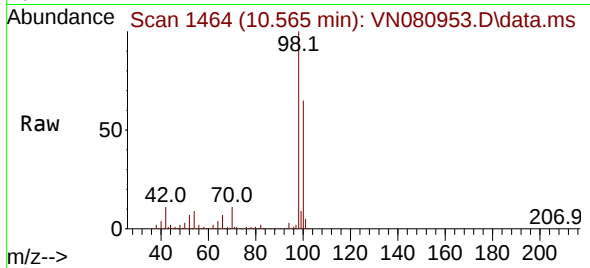




#50
Toluene-d8
Concen: 60.042 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080953.D
Acq: 08 Feb 2024 10:49

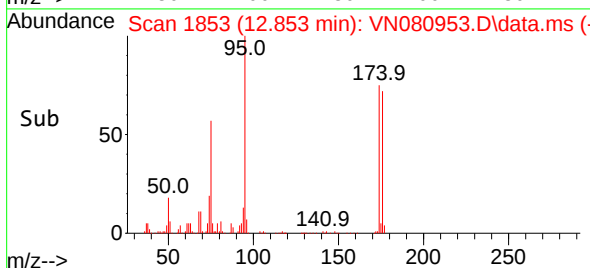
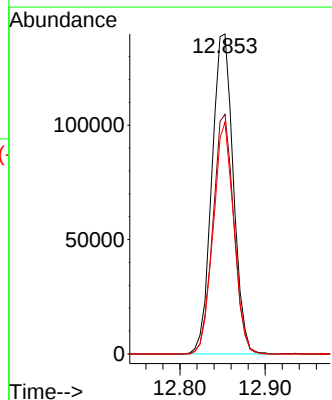
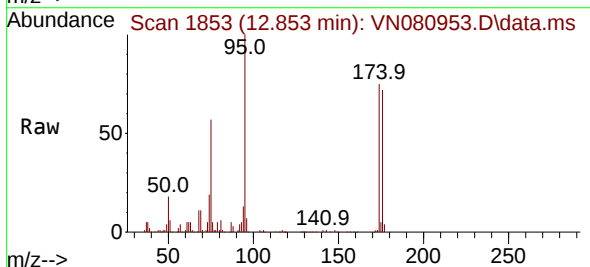
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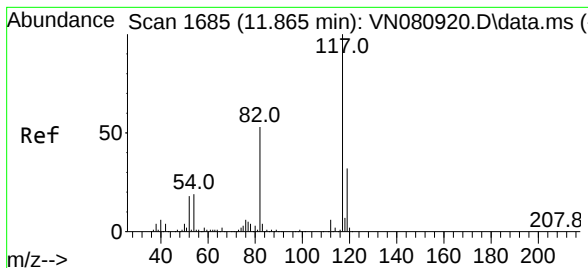
Tgt Ion: 98 Resp: 594608
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 67.976 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080953.D
Acq: 08 Feb 2024 10:49

Tgt Ion: 95 Resp: 244551
Ion Ratio Lower Upper
95 100
174 72.9 0.0 120.4
176 69.8 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080953.D

Acq: 08 Feb 2024 10:49

Instrument :

MSVOA_N

ClientSampleId :

VN0208MBL01

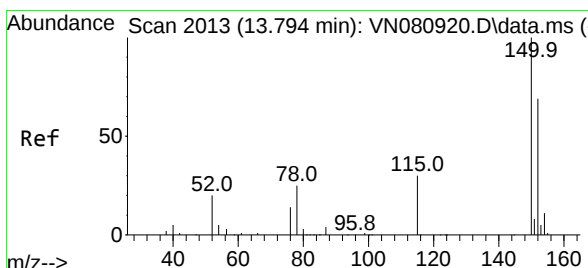
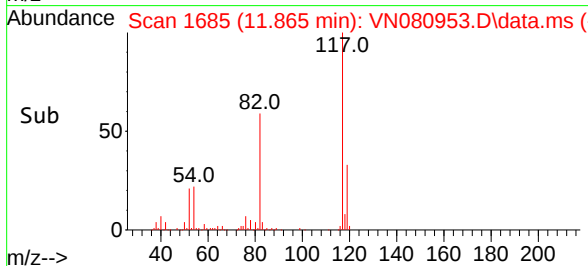
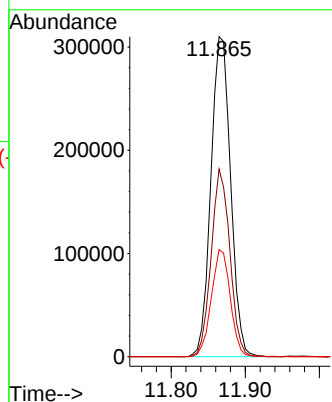
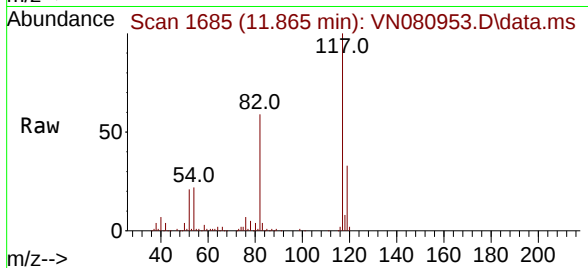
Tgt Ion:117 Resp: 572394

Ion Ratio Lower Upper

117 100

82 58.6 52.7 79.1

119 33.5 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN080953.D

Acq: 08 Feb 2024 10:49

Tgt Ion:152 Resp: 251756

Ion Ratio Lower Upper

152 100

115 62.3 32.3 96.8

150 156.8 0.0 339.8

