

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021224\
 Data File : VN080998.D
 Acq On : 12 Feb 2024 11:09
 Operator : JC\MD
 Sample : VN0212WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBL01

Quant Time: Feb 13 03:17:13 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	351212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	738092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	990929	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	468702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	186931	42.191	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.380%
35) Dibromofluoromethane	8.165	113	184792	46.658	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.320%
50) Toluene-d8	10.571	98	668138	46.639	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.280%
62) 4-Bromofluorobenzene	12.853	95	347172	66.710	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	133.420%#

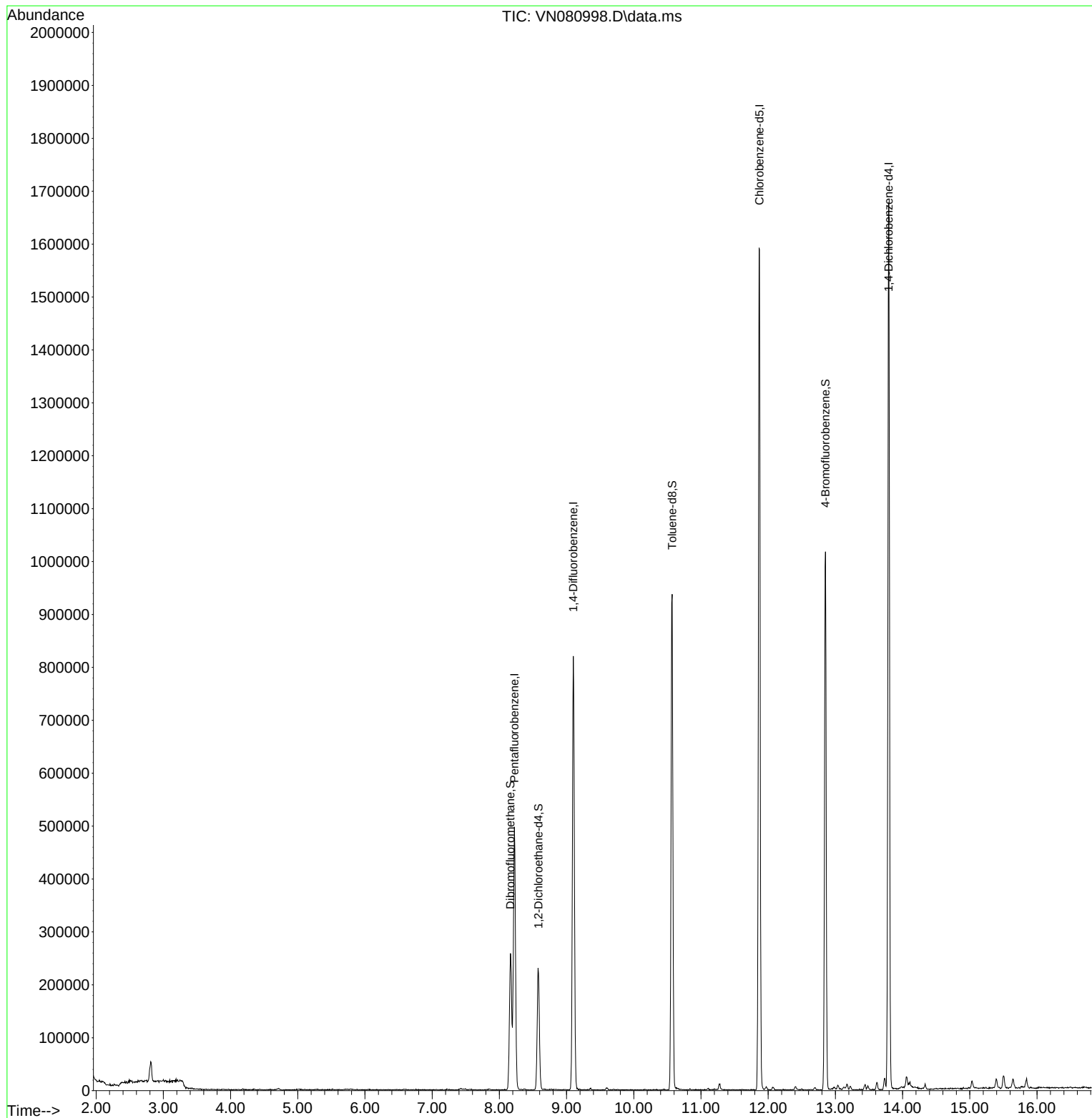
Target Compounds	Qvalue

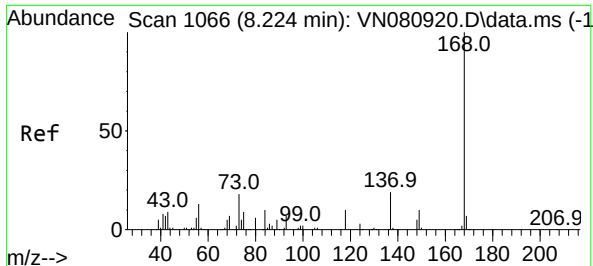
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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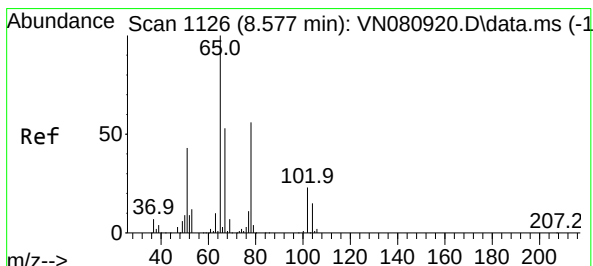
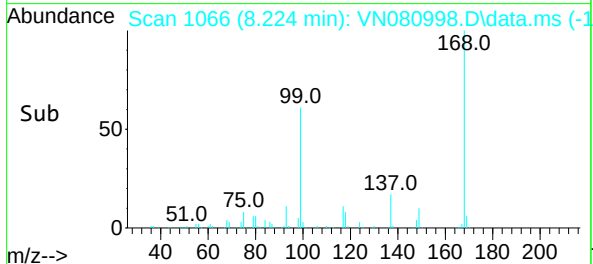
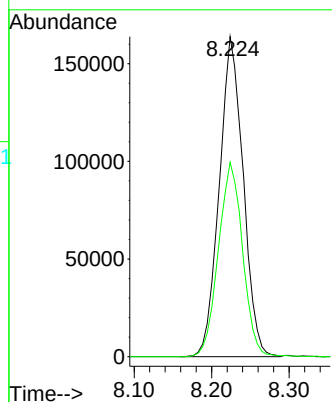
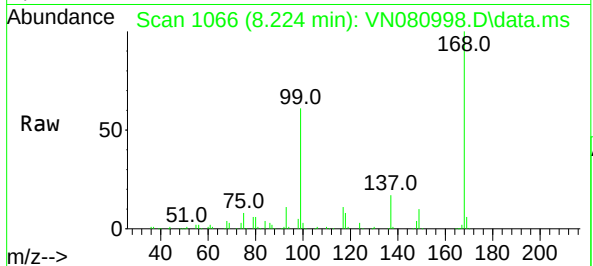




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080998.D
Acq: 12 Feb 2024 11:09

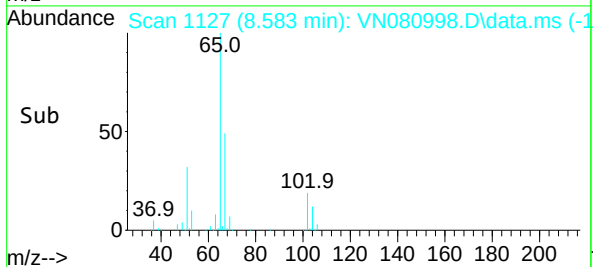
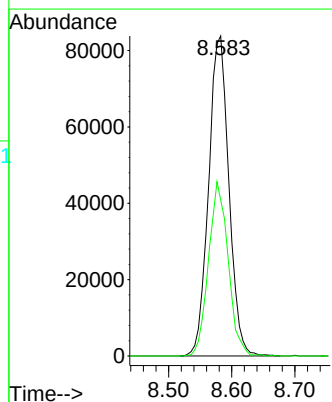
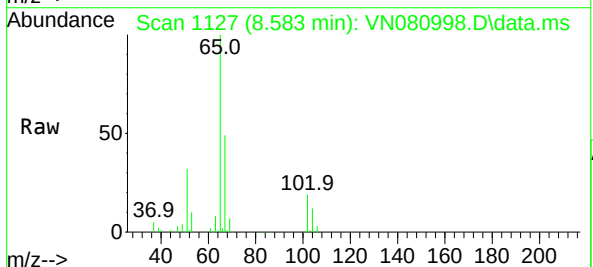
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBL01

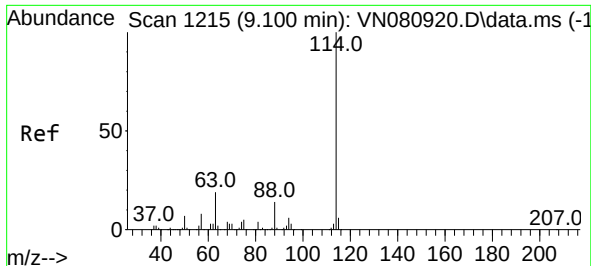
Tgt Ion:168 Resp: 351212
Ion Ratio Lower Upper
168 100
99 60.8 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 42.191 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080998.D
Acq: 12 Feb 2024 11:09

Tgt Ion: 65 Resp: 186931
Ion Ratio Lower Upper
65 100
67 52.7 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080998.D

Acq: 12 Feb 2024 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0212WBL01

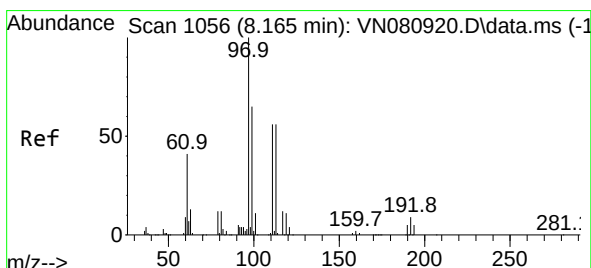
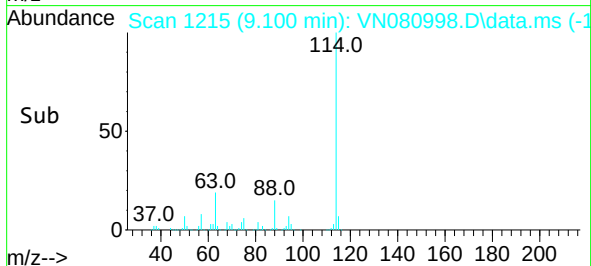
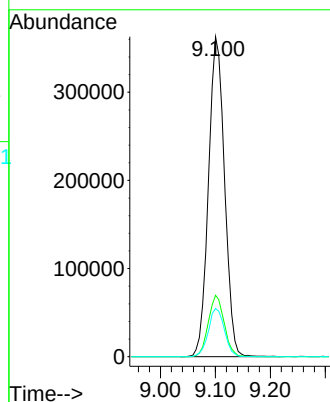
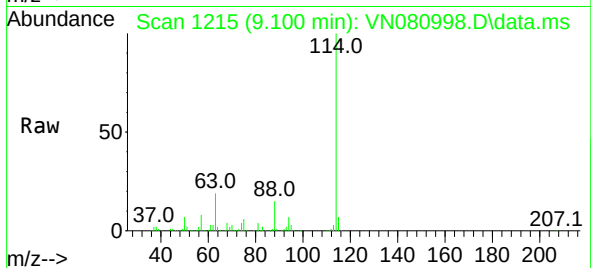
Tgt Ion:114 Resp: 738092

Ion Ratio Lower Upper

114 100

63 19.2 0.0 48.0

88 15.0 0.0 34.8



#35

Dibromofluoromethane

Concen: 46.658 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080998.D

Acq: 12 Feb 2024 11:09

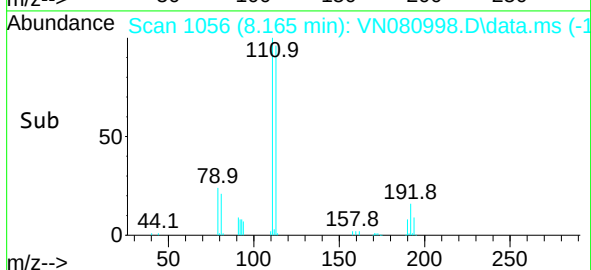
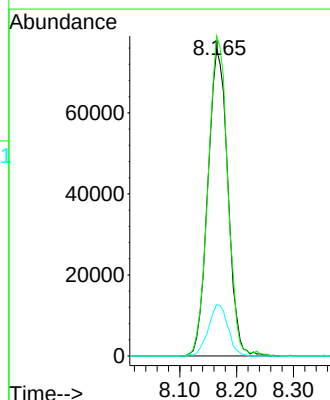
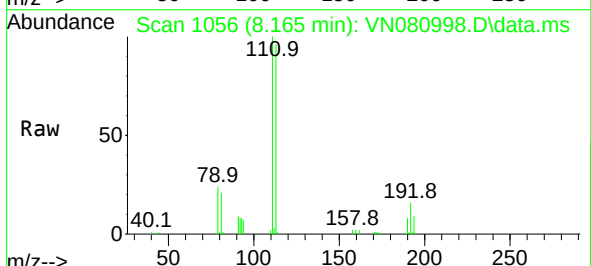
Tgt Ion:113 Resp: 184792

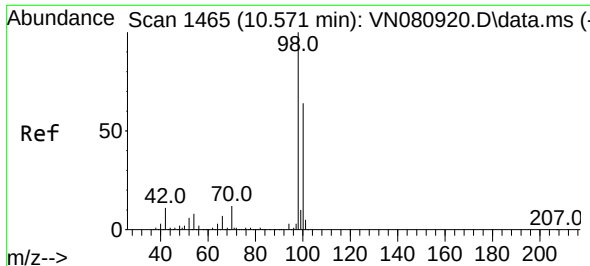
Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

192 16.4 12.5 18.7

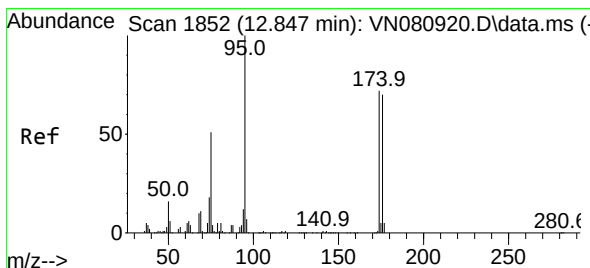
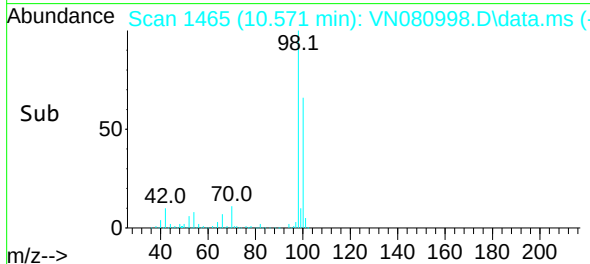
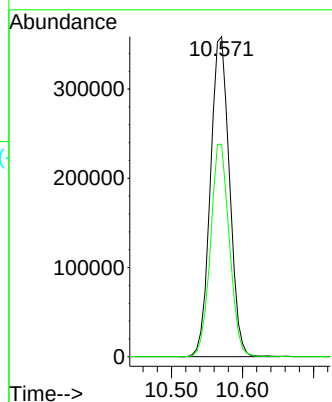
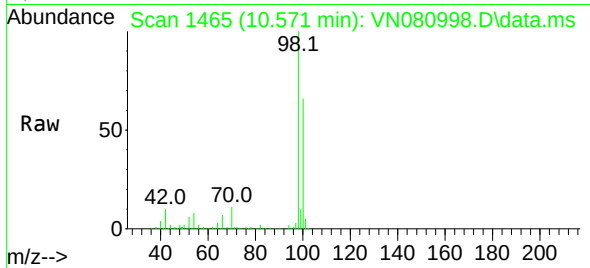




#50
Toluene-d8
Concen: 46.639 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080998.D
Acq: 12 Feb 2024 11:09

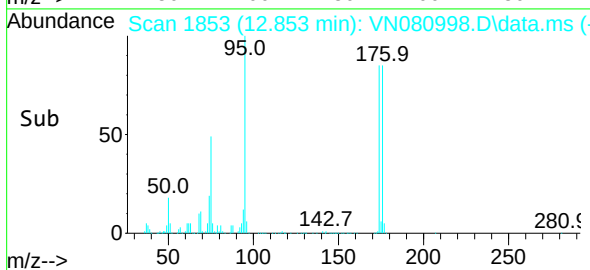
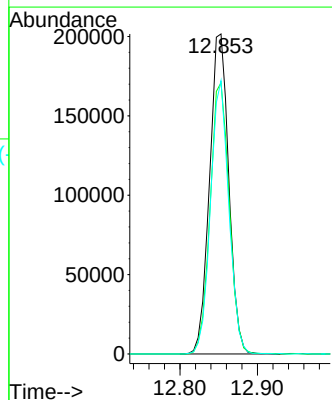
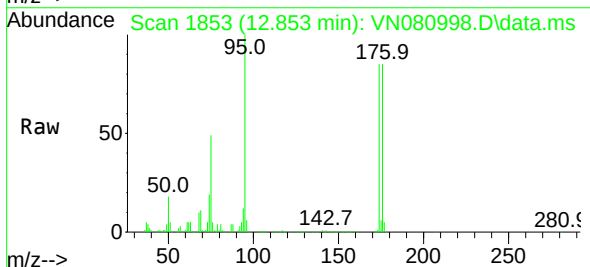
Instrument :
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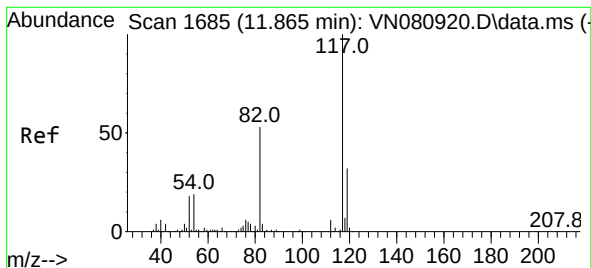
Tgt Ion: 98 Resp: 668138
Ion Ratio Lower Upper
98 100
100 65.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 66.710 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080998.D
Acq: 12 Feb 2024 11:09

Tgt Ion: 95 Resp: 347172
Ion Ratio Lower Upper
95 100
174 84.3 0.0 120.4
176 81.4 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080998.D

Acq: 12 Feb 2024 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0212WBL01

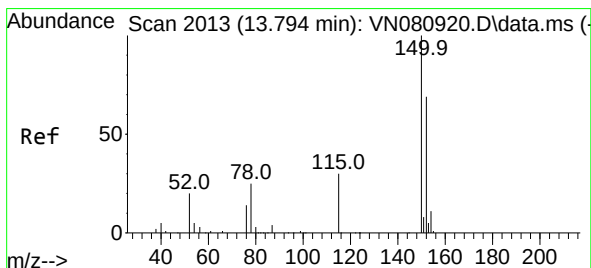
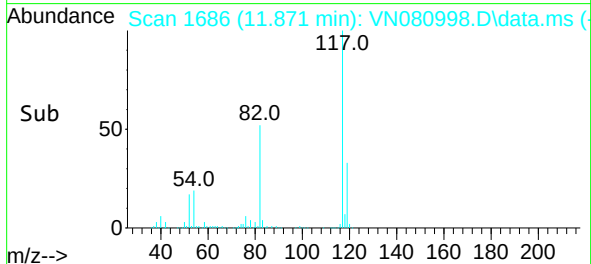
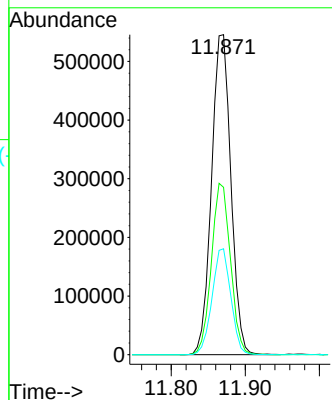
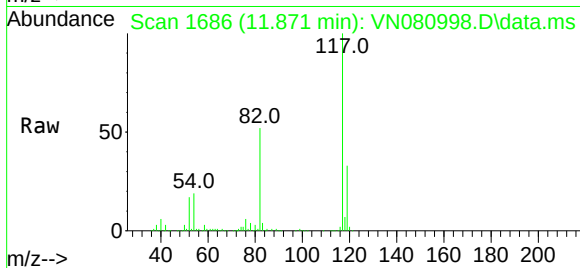
Tgt Ion:117 Resp: 990929

Ion Ratio Lower Upper

117 100

82 52.3 52.7 79.1#

119 33.1 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: VN080998.D

Acq: 12 Feb 2024 11:09

Tgt Ion:152 Resp: 468702

Ion Ratio Lower Upper

152 100

115 59.4 32.3 96.8

150 158.4 0.0 339.8

