

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020824\
 Data File : VN080952.D
 Acq On : 08 Feb 2024 10:25
 Operator : JC\MD
 Sample : VN0208WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0208WBL01

Quant Time: Feb 09 01:16:54 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	410300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	744086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	634273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	247209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	258205	49.886	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.780%
35) Dibromofluoromethane	8.165	113	211891	53.069	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.140%
50) Toluene-d8	10.571	98	727939	50.404	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.800%
62) 4-Bromofluorobenzene	12.847	95	240597	45.859	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.720%

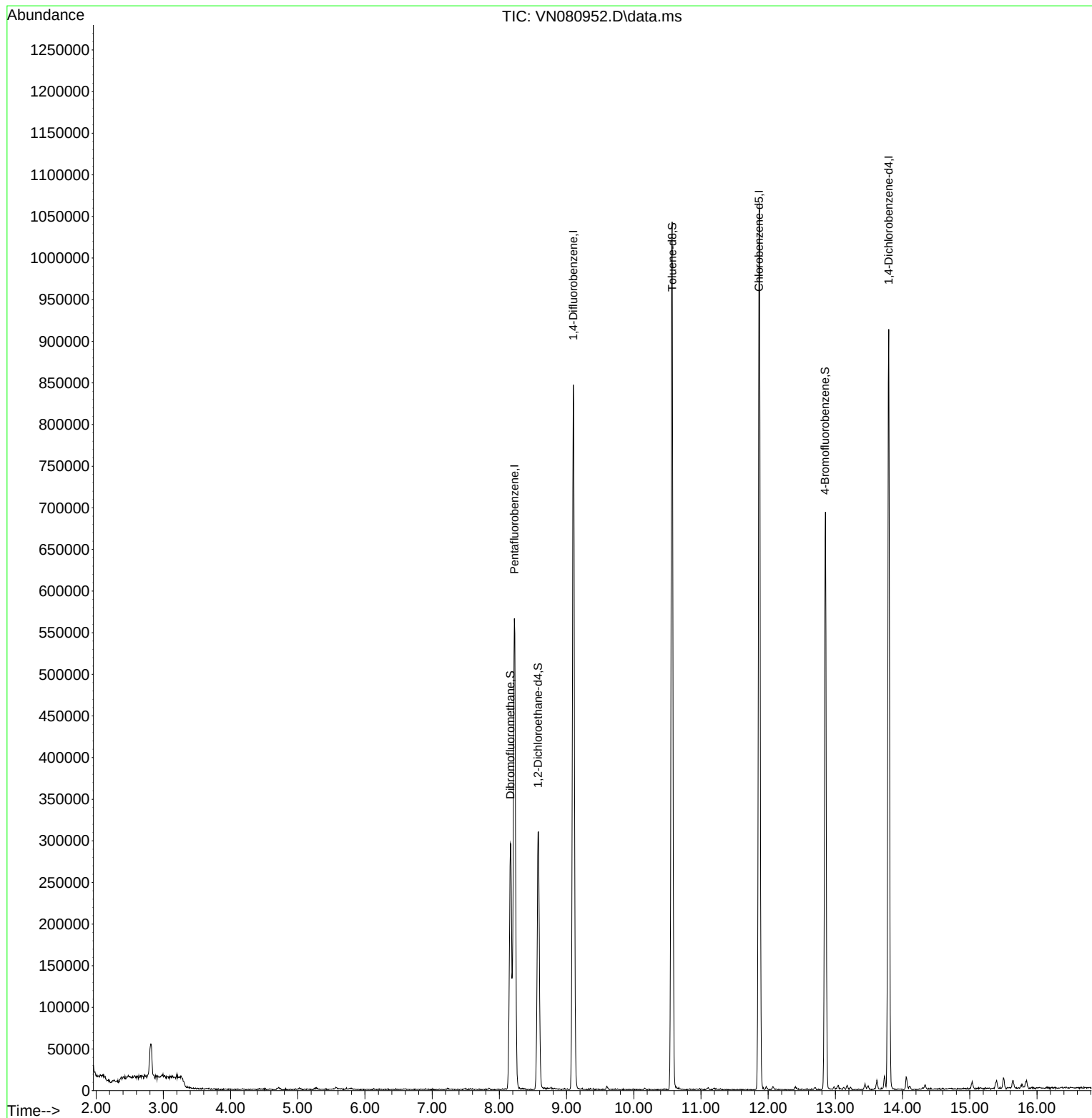
Target Compounds	Qvalue

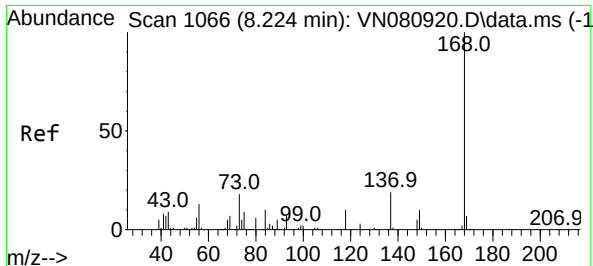
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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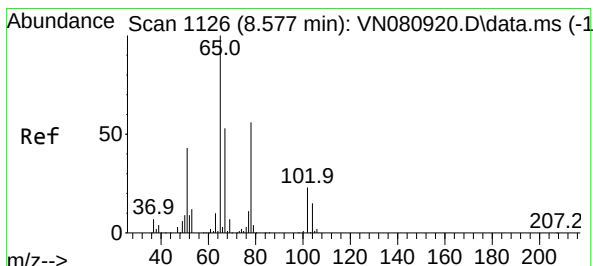
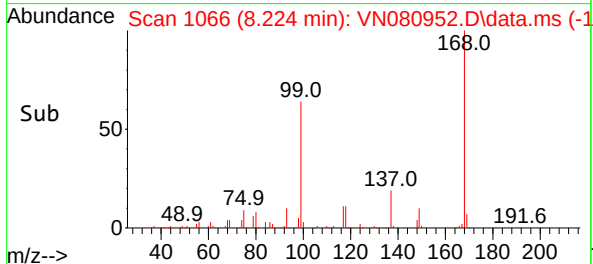
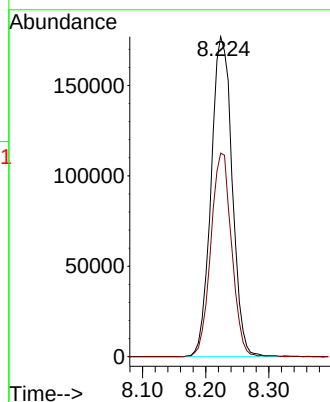
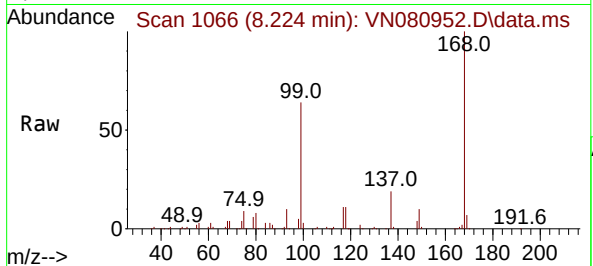




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

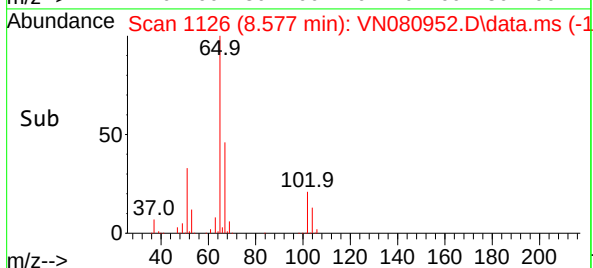
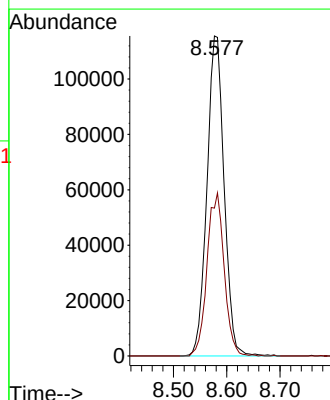
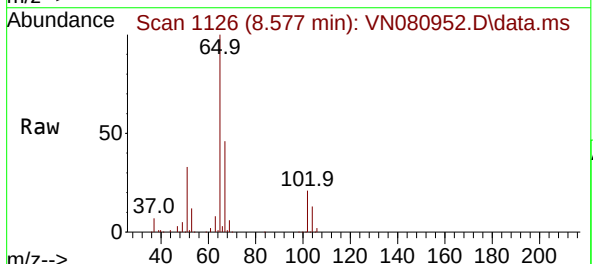
Instrument :
MSVOA_N
ClientSampleId :
VN0208WBL01

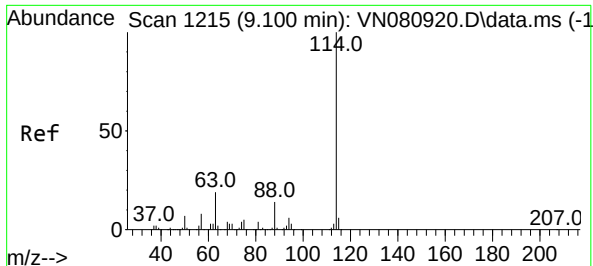
Tgt Ion:168 Resp: 410300
Ion Ratio Lower Upper
168 100
99 63.6 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 49.886 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Tgt Ion: 65 Resp: 258205
Ion Ratio Lower Upper
65 100
67 50.9 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: VN080952.D

Acq: 08 Feb 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN0208WBL01

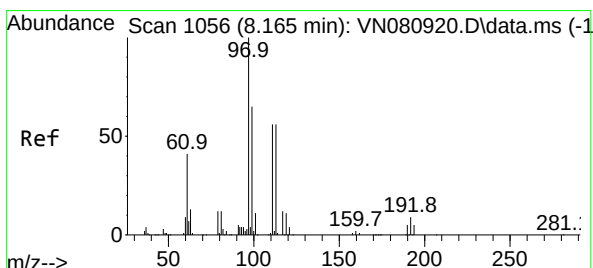
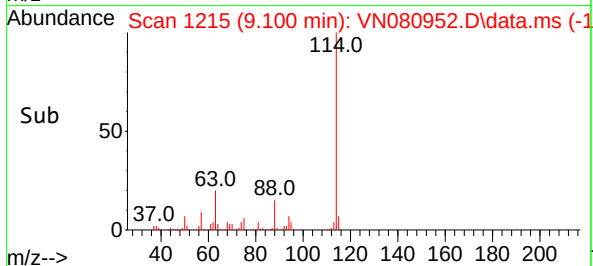
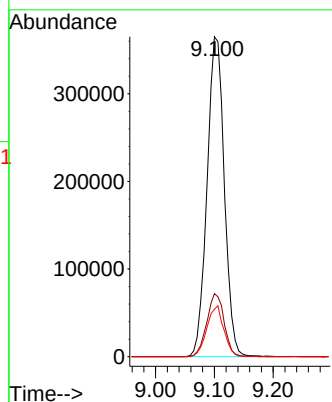
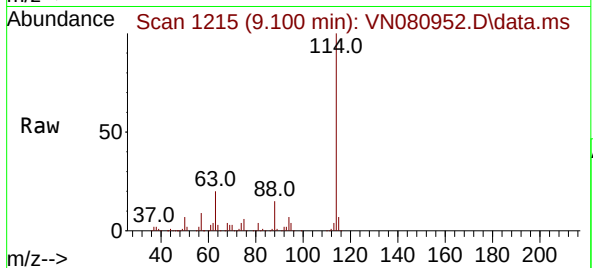
Tgt Ion:114 Resp: 744086

Ion Ratio Lower Upper

114 100

63 19.7 0.0 48.0

88 14.8 0.0 34.8



#35

Dibromofluoromethane

Concen: 53.069 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080952.D

Acq: 08 Feb 2024 10:25

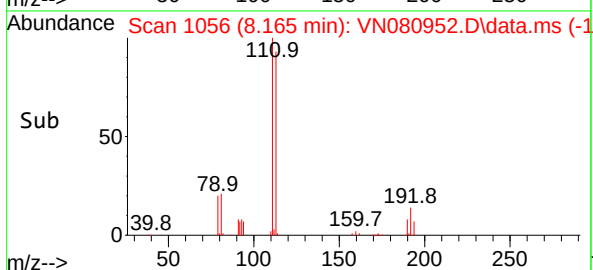
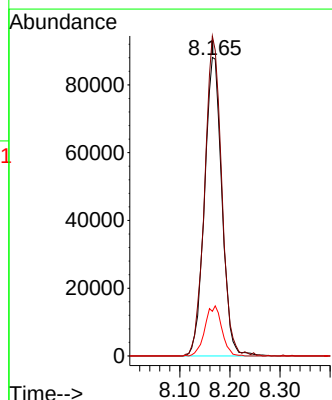
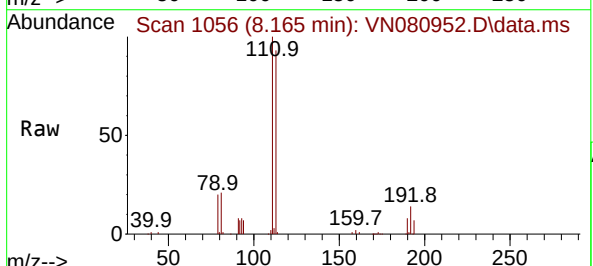
Tgt Ion:113 Resp: 211891

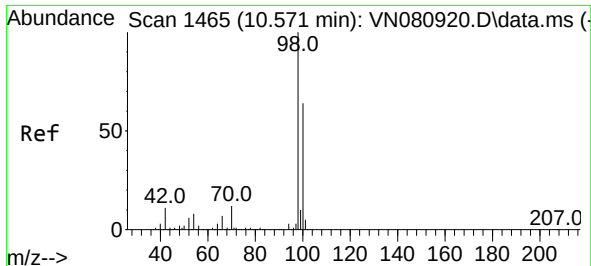
Ion Ratio Lower Upper

113 100

111 104.9 82.2 123.4

192 16.4 12.5 18.7

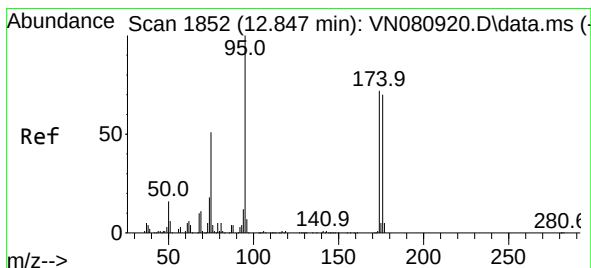
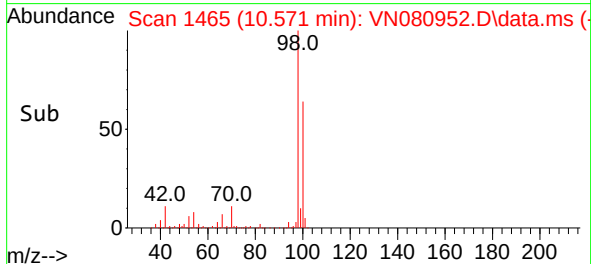
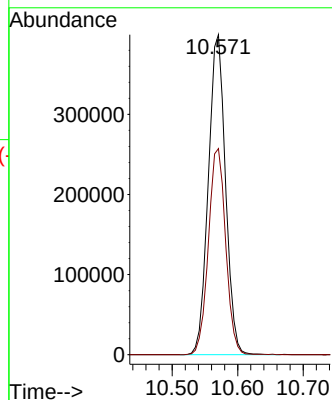
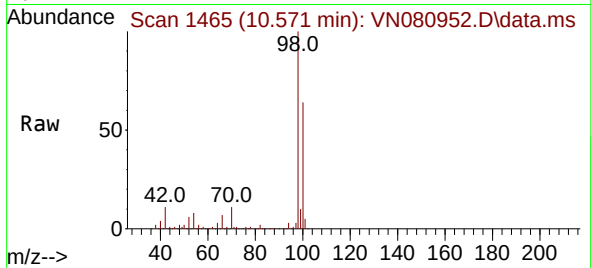




#50
Toluene-d8
Concen: 50.404 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

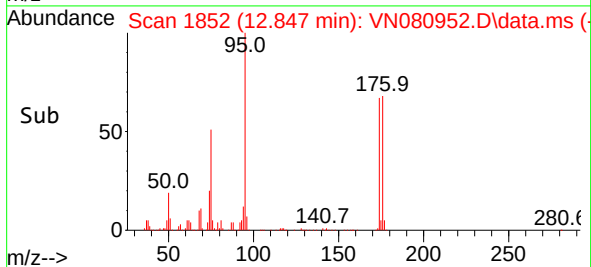
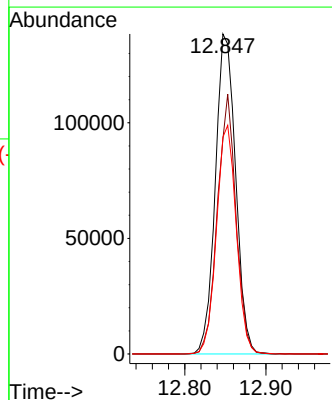
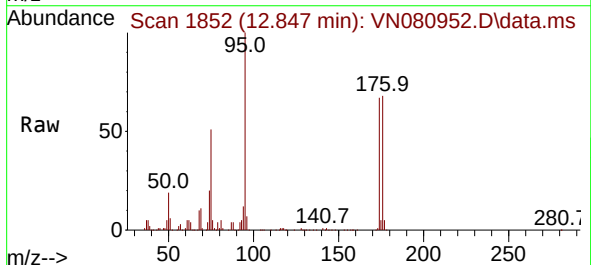
Instrument :
MSVOA_N
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VN0208WBL01

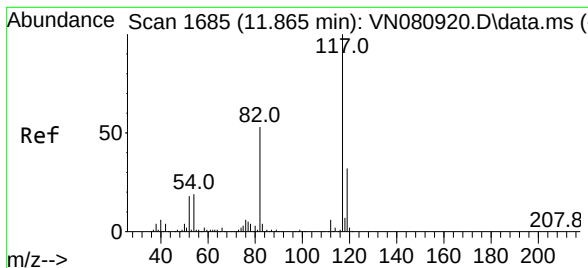
Tgt Ion: 98 Resp: 727939
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.859 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080952.D
Acq: 08 Feb 2024 10:25

Tgt Ion: 95 Resp: 240597
Ion Ratio Lower Upper
95 100
174 74.6 0.0 120.4
176 69.7 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: VN080952.D

Acq: 08 Feb 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN0208WBL01

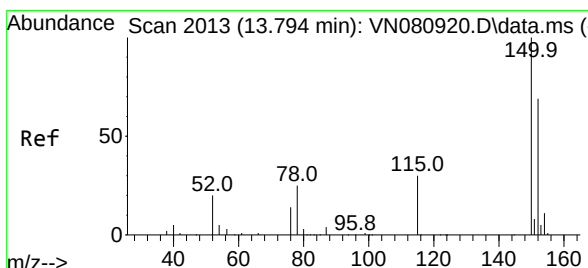
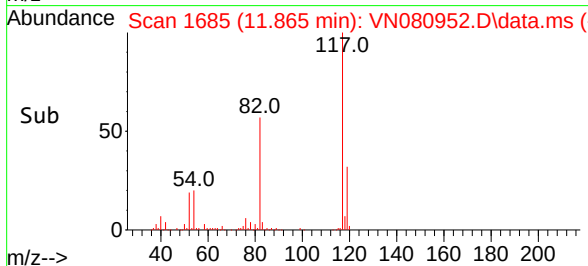
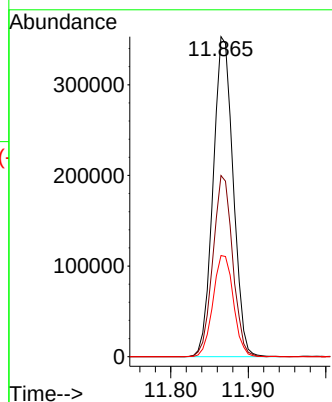
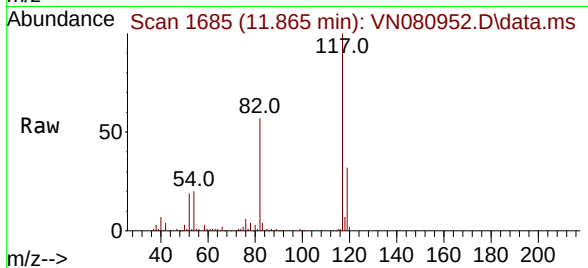
Tgt Ion:117 Resp: 634273

Ion Ratio Lower Upper

117 100

82 56.6 52.7 79.1

119 31.6 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: VN080952.D

Acq: 08 Feb 2024 10:25

Tgt Ion:152 Resp: 247209

Ion Ratio Lower Upper

152 100

115 62.5 32.3 96.8

150 154.8 0.0 339.8

