

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021224\
 Data File : VN080999.D
 Acq On : 12 Feb 2024 11:33
 Operator : JC\MD
 Sample : VN0212WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBL02

Quant Time: Feb 13 03:17:42 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	8.229	168	556967	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	950998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	800947	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	326833	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	303995	43.266	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.540%
35) Dibromofluoromethane	8.171	113	285700	55.986	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.980%
50) Toluene-d8	10.571	98	924318	50.076	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.160%
62) 4-Bromofluorobenzene	12.847	95	300968	44.884	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.760%

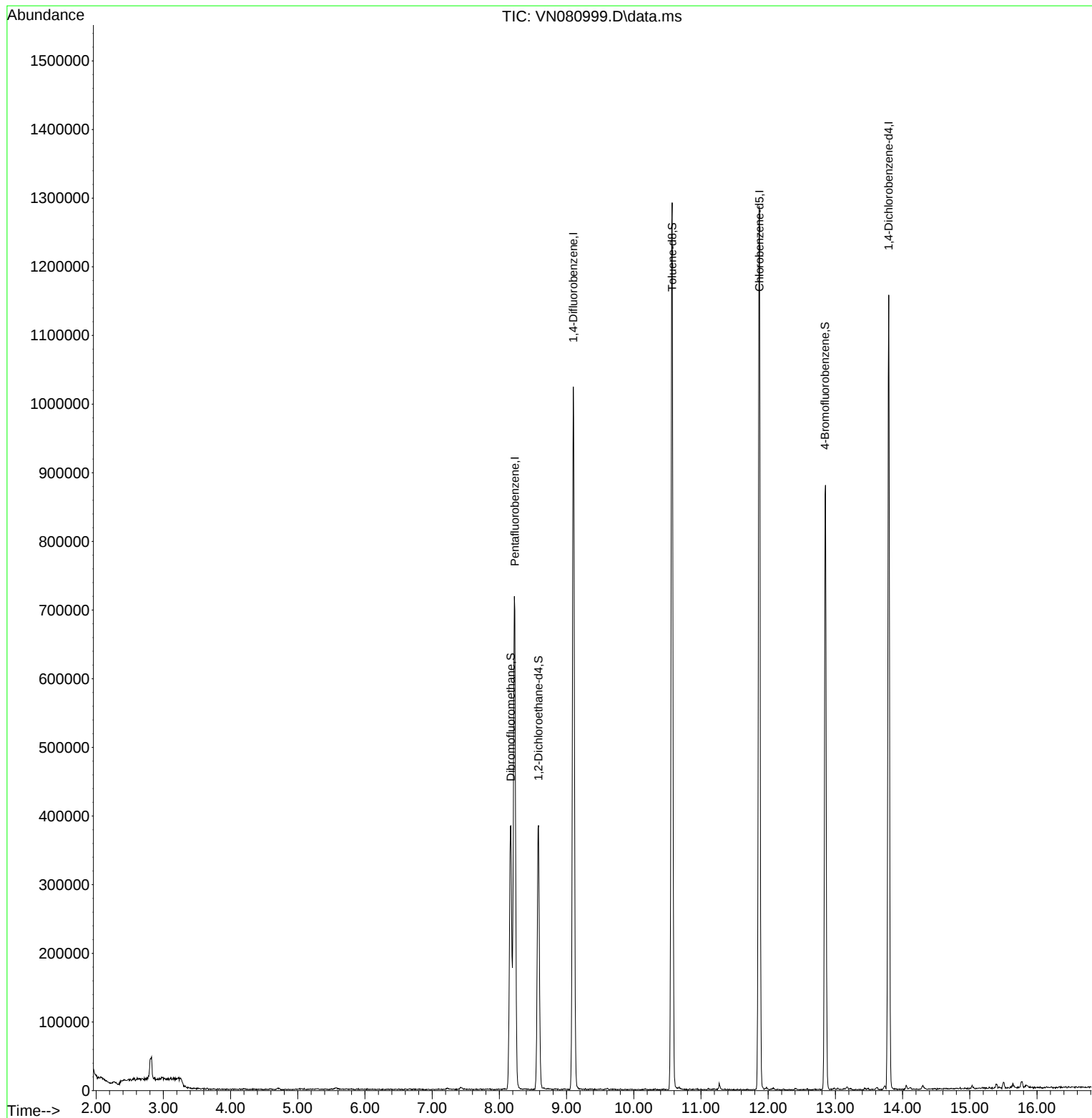
Target Compounds	Qvalue

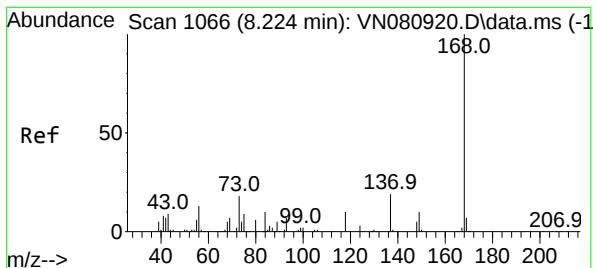
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN080999.D

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Instrument :

MSVOA_N

ClientSampleId :

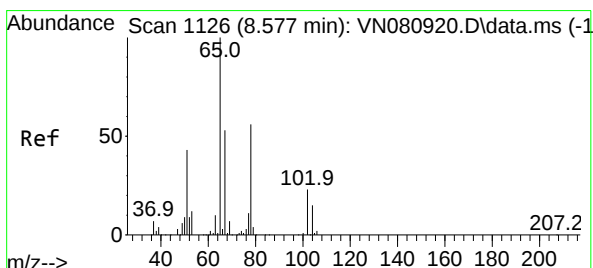
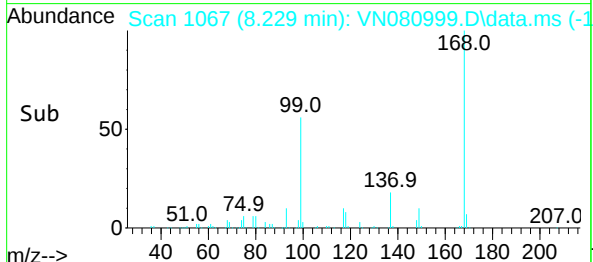
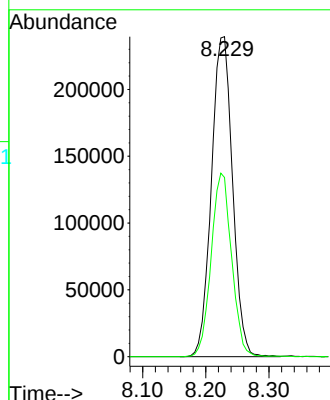
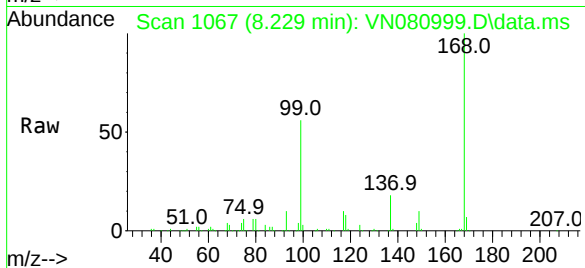
VN0212WBL02

Tgt Ion:168 Resp: 556967

Ion Ratio Lower Upper

168 100

99 56.0 59.9 89.9#



#33

1,2-Dichloroethane-d4

Concen: 43.266 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080999.D

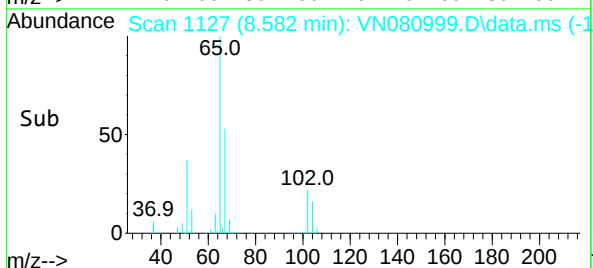
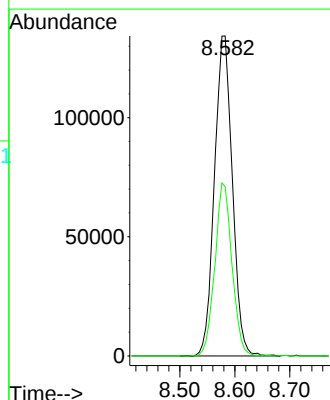
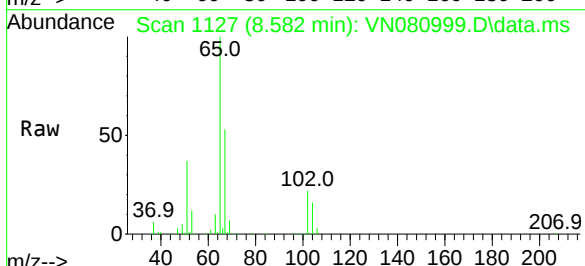
Acq: 12 Feb 2024 11:33

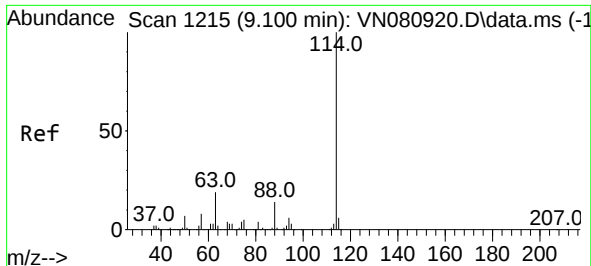
Tgt Ion: 65 Resp: 303995

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.4

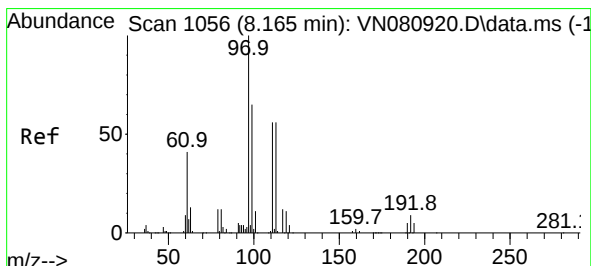
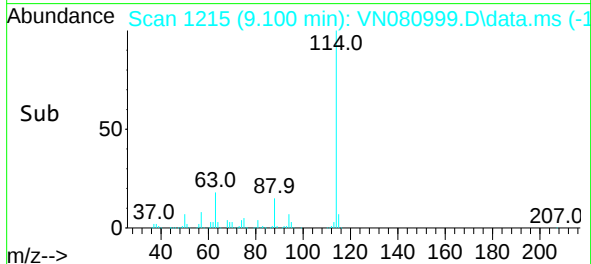
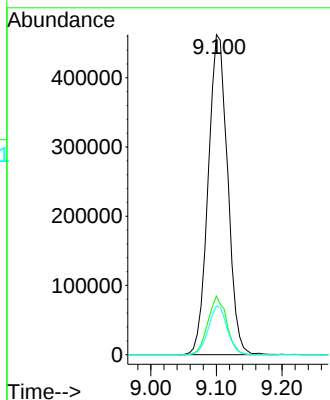
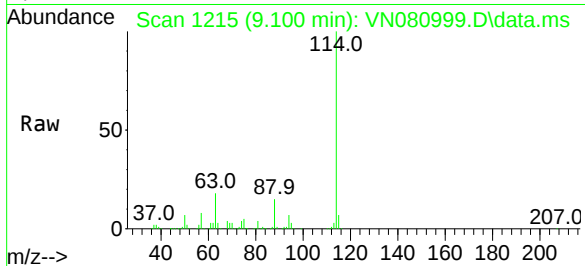




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080999.D
Acq: 12 Feb 2024 11:33

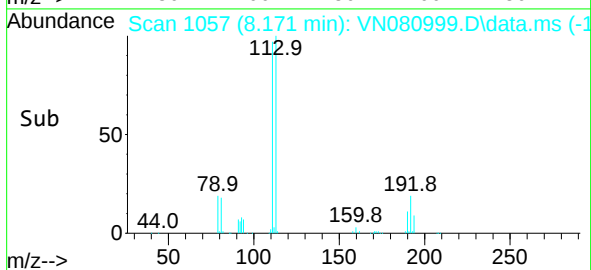
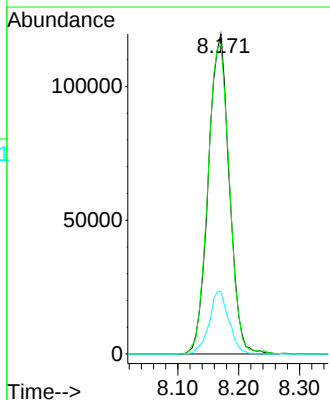
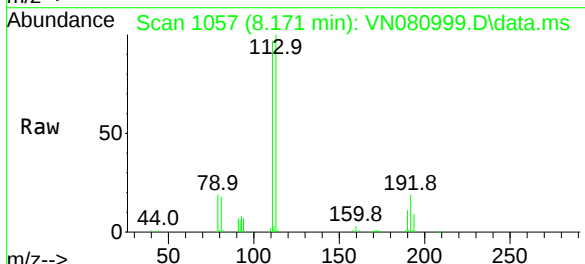
Instrument :
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VN0212WBL02

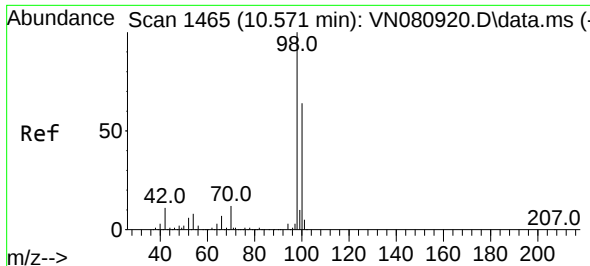
Tgt Ion:114 Resp: 950998
Ion Ratio Lower Upper
114 100
63 18.3 0.0 48.0
88 15.2 0.0 34.8



#35
Dibromofluoromethane
Concen: 55.986 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080999.D
Acq: 12 Feb 2024 11:33

Tgt Ion:113 Resp: 285700
Ion Ratio Lower Upper
113 100
111 100.0 82.2 123.4
192 18.5 12.5 18.7

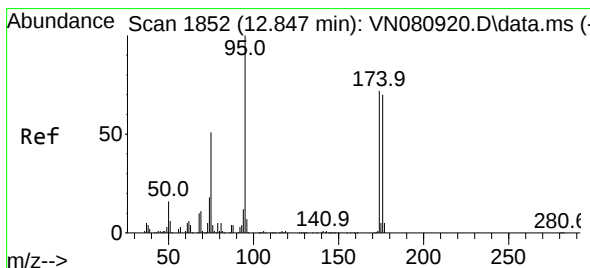
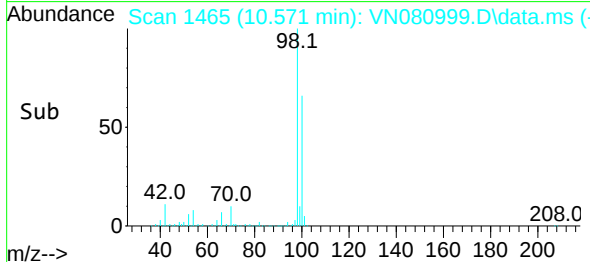
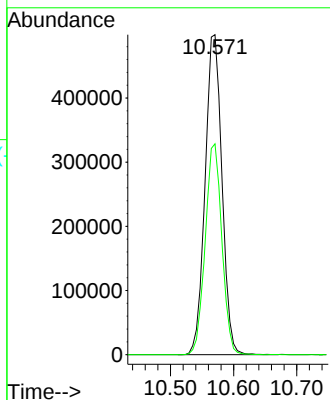
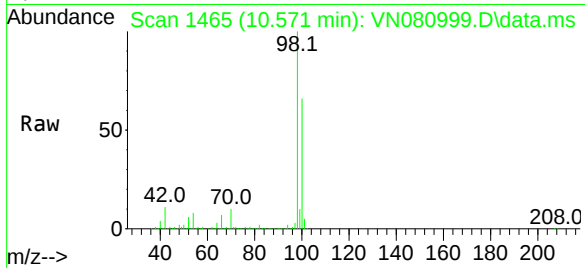




#50
Toluene-d8
Concen: 50.076 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080999.D
Acq: 12 Feb 2024 11:33

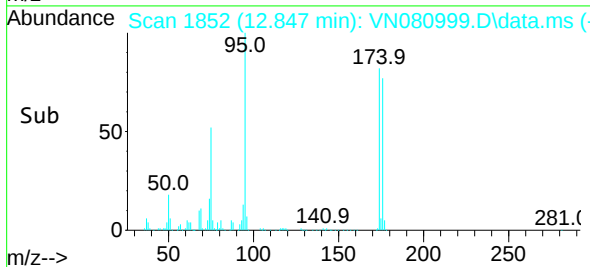
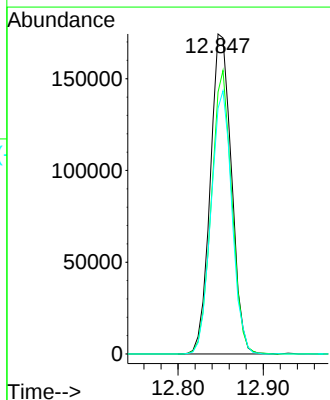
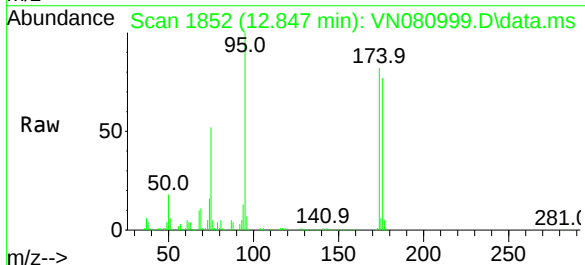
Instrument :
MSVOA_N
ClientSampleId :
VN0212WBL02

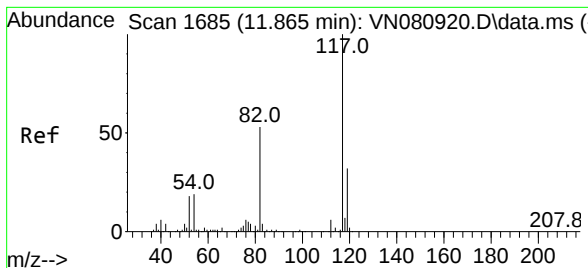
Tgt Ion: 98 Resp: 924318
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 44.884 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080999.D
Acq: 12 Feb 2024 11:33

Tgt Ion: 95 Resp: 300968
Ion Ratio Lower Upper
95 100
174 85.3 0.0 120.4
176 80.9 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080999.D

Acq: 12 Feb 2024 11:33

Instrument :

MSVOA_N

ClientSampleId :

VN0212WBL02

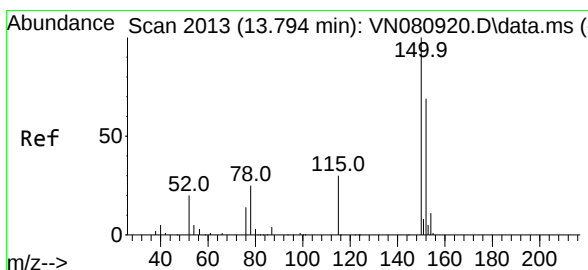
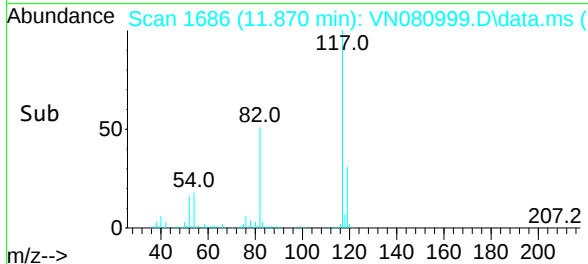
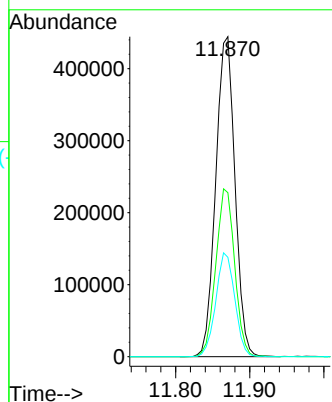
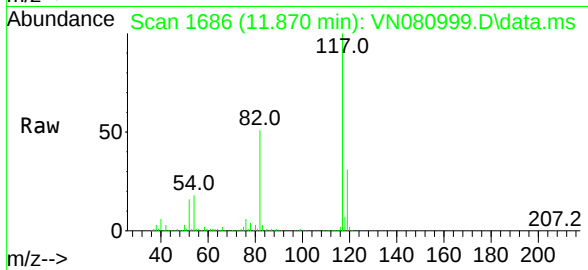
Tgt Ion:117 Resp: 800947

Ion Ratio Lower Upper

117 100

82 51.3 52.7 79.1#

119 31.0 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: VN080999.D

Acq: 12 Feb 2024 11:33

Tgt Ion:152 Resp: 326833

Ion Ratio Lower Upper

152 100

115 60.5 32.3 96.8

150 157.0 0.0 339.8

