

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080924\
 Data File : VN083172.D
 Acq On : 09 Aug 2024 10:50
 Operator : JC\MD
 Sample : VN0809WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809WBL01

Quant Time: Aug 10 00:52:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	129362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	248253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110136	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106267	57.712	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.420%
35) Dibromofluoromethane	8.165	113	83104	53.631	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.260%
50) Toluene-d8	10.565	98	317516	54.932	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.860%
62) 4-Bromofluorobenzene	12.847	95	131080	58.169	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	116.340%

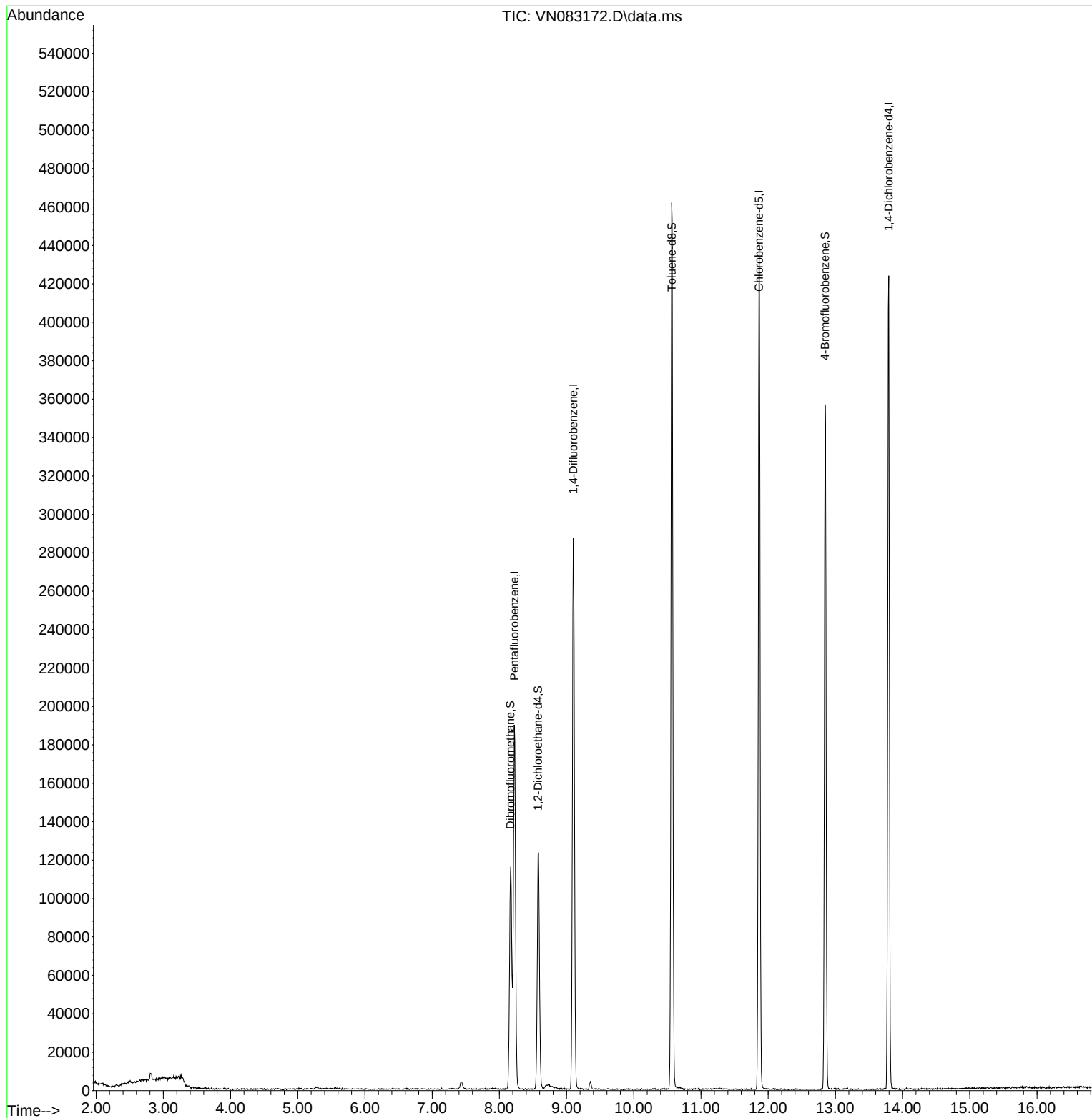
Target Compounds	Qvalue

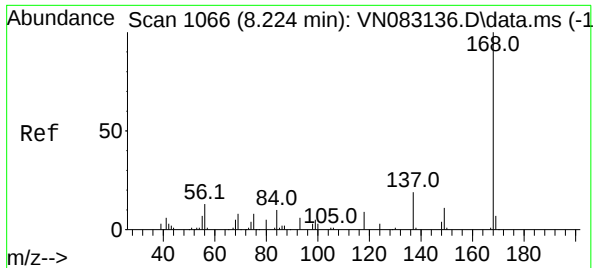
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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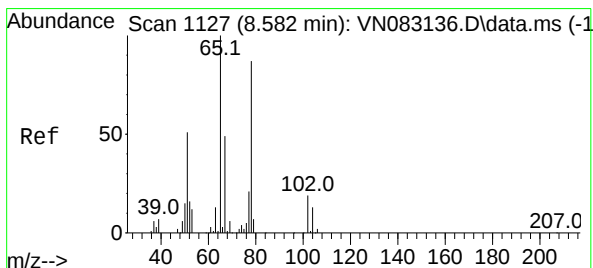
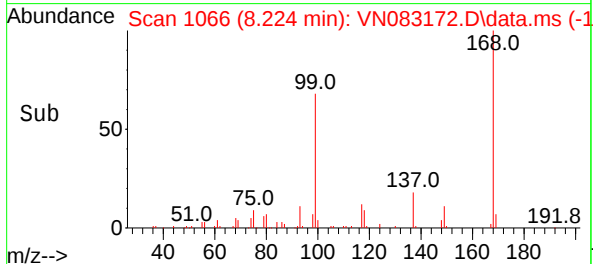
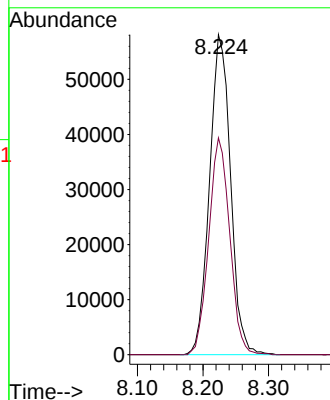
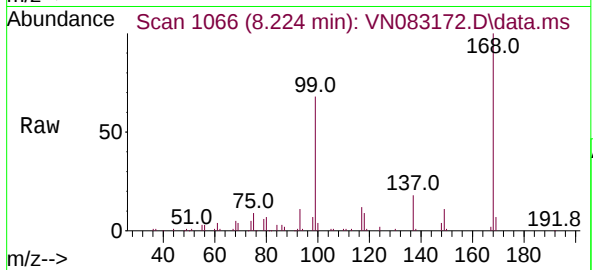




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083172.D
Acq: 09 Aug 2024 10:50

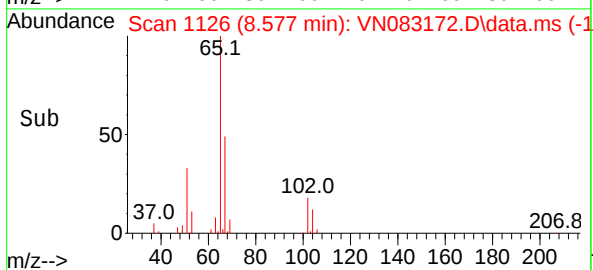
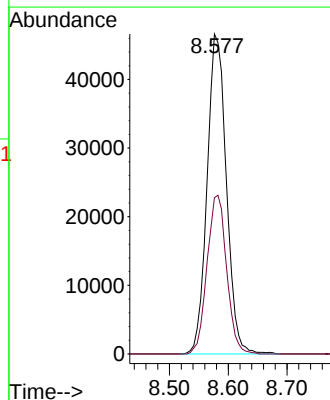
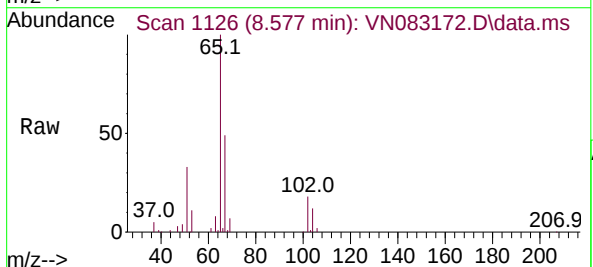
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBL01

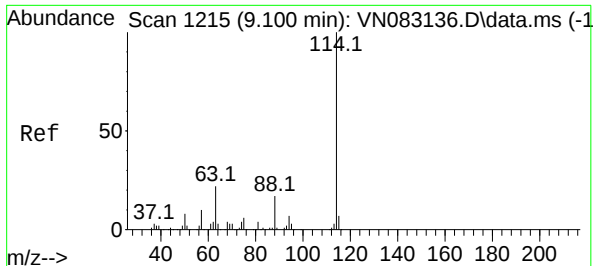
Tgt Ion:168 Resp: 129362
Ion Ratio Lower Upper
168 100
99 67.7 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 57.712 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN083172.D
Acq: 09 Aug 2024 10:50

Tgt Ion: 65 Resp: 106267
Ion Ratio Lower Upper
65 100
67 50.4 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083172.D

Acq: 09 Aug 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0809WBL01

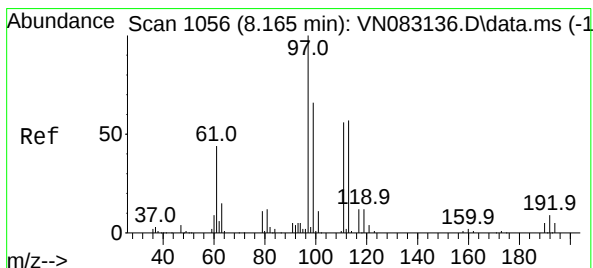
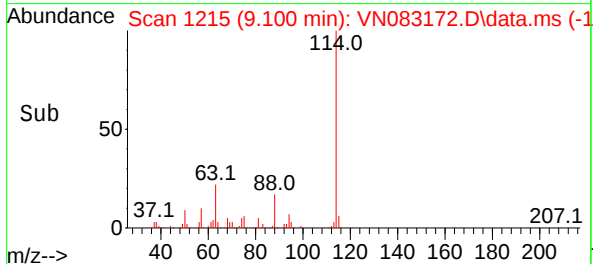
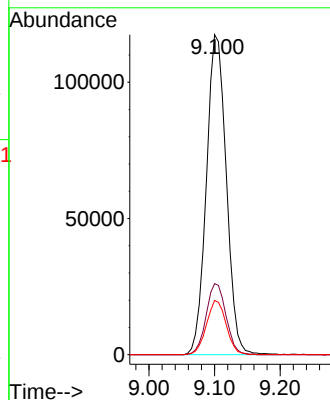
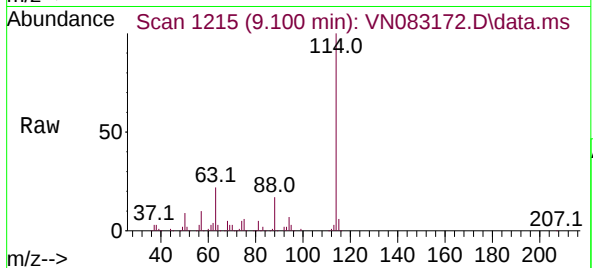
Tgt Ion:114 Resp: 248253

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.6

88 16.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.631 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083172.D

Acq: 09 Aug 2024 10:50

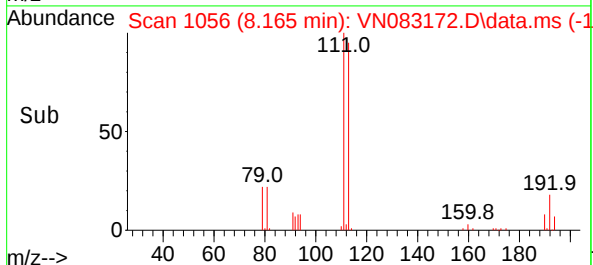
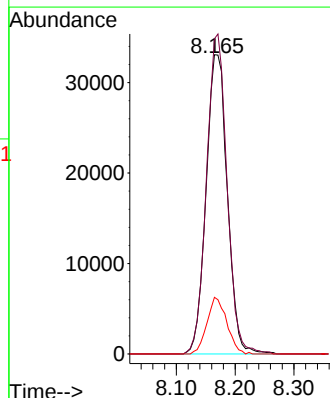
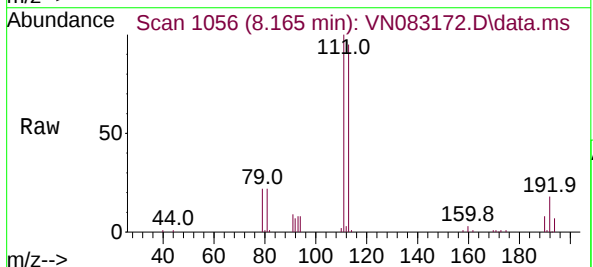
Tgt Ion:113 Resp: 83104

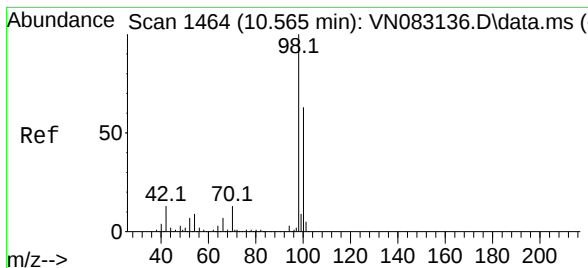
Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

192 17.7 14.9 22.3





#50

Toluene-d8

Concen: 54.932 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083172.D

Acq: 09 Aug 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

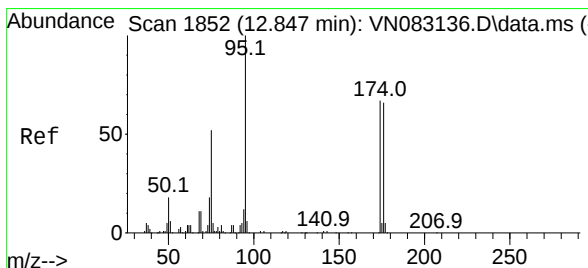
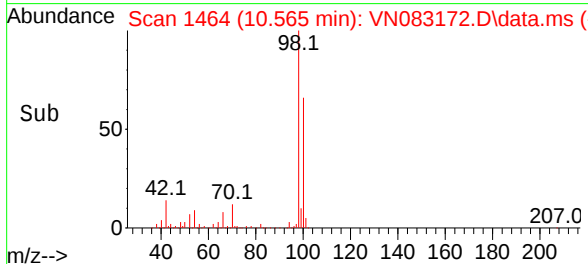
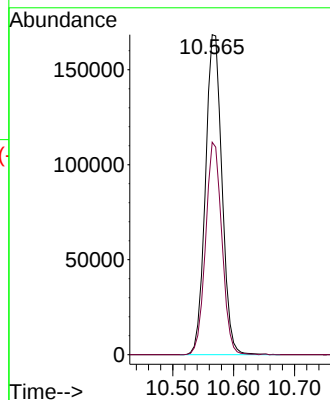
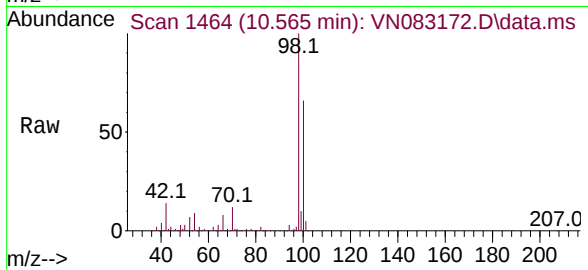
VN0809WBL01

Tgt Ion: 98 Resp: 317516

Ion Ratio Lower Upper

98 100

100 65.4 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 58.169 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN083172.D

Acq: 09 Aug 2024 10:50

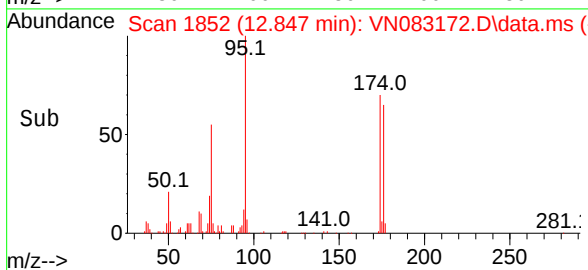
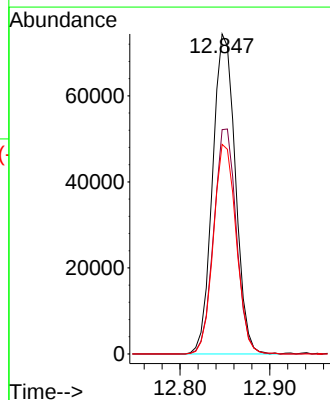
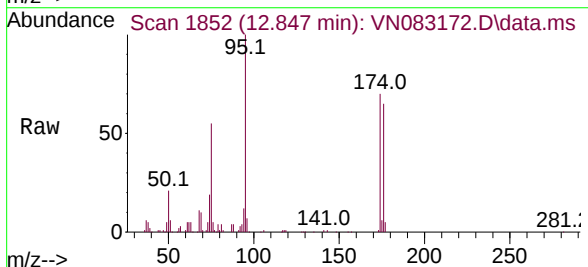
Tgt Ion: 95 Resp: 131080

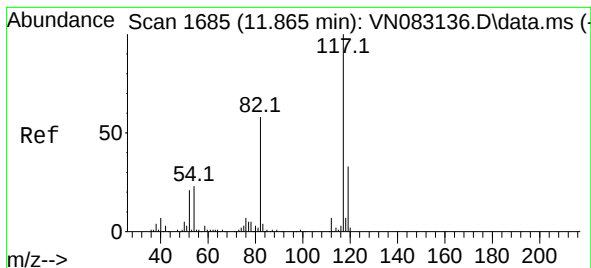
Ion Ratio Lower Upper

95 100

174 69.8 0.0 159.2

176 65.8 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083172.D

Acq: 09 Aug 2024 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0809WBL01

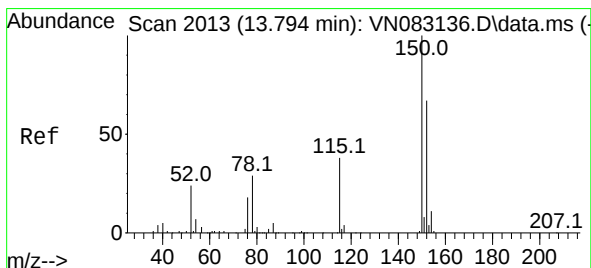
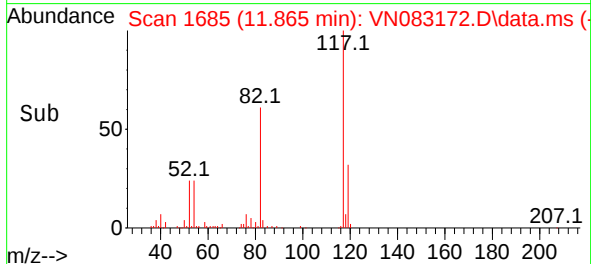
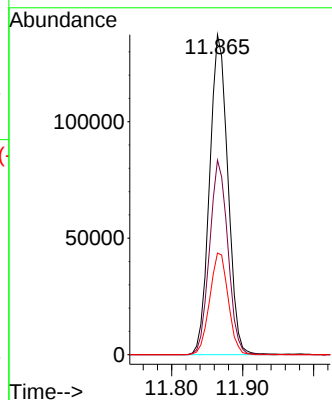
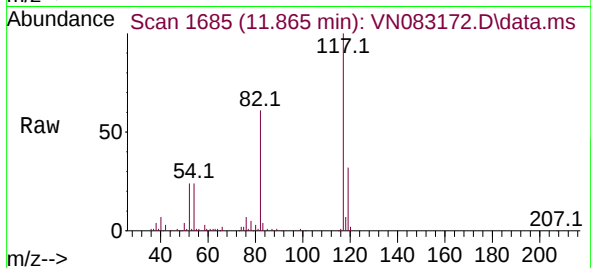
Tgt Ion:117 Resp: 245352

Ion Ratio Lower Upper

117 100

82 60.8 47.5 71.3

119 31.8 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN083172.D

Acq: 09 Aug 2024 10:50

Tgt Ion:152 Resp: 110136

Ion Ratio Lower Upper

152 100

115 64.5 30.6 91.6

150 157.9 0.0 348.6

