

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053124\
 Data File : VN082398.D
 Acq On : 31 May 2024 11:00
 Operator : JC\MD
 Sample : VN0531MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531MBL01

Quant Time: May 31 22:53:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	157817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	279337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	263930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	128708	51.649	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.300%	
35) Dibromofluoromethane	8.165	113	94378	54.924	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.840%	
50) Toluene-d8	10.565	98	355669	53.987	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.980%	
62) 4-Bromofluorobenzene	12.853	95	117877	50.130	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 100.260%	

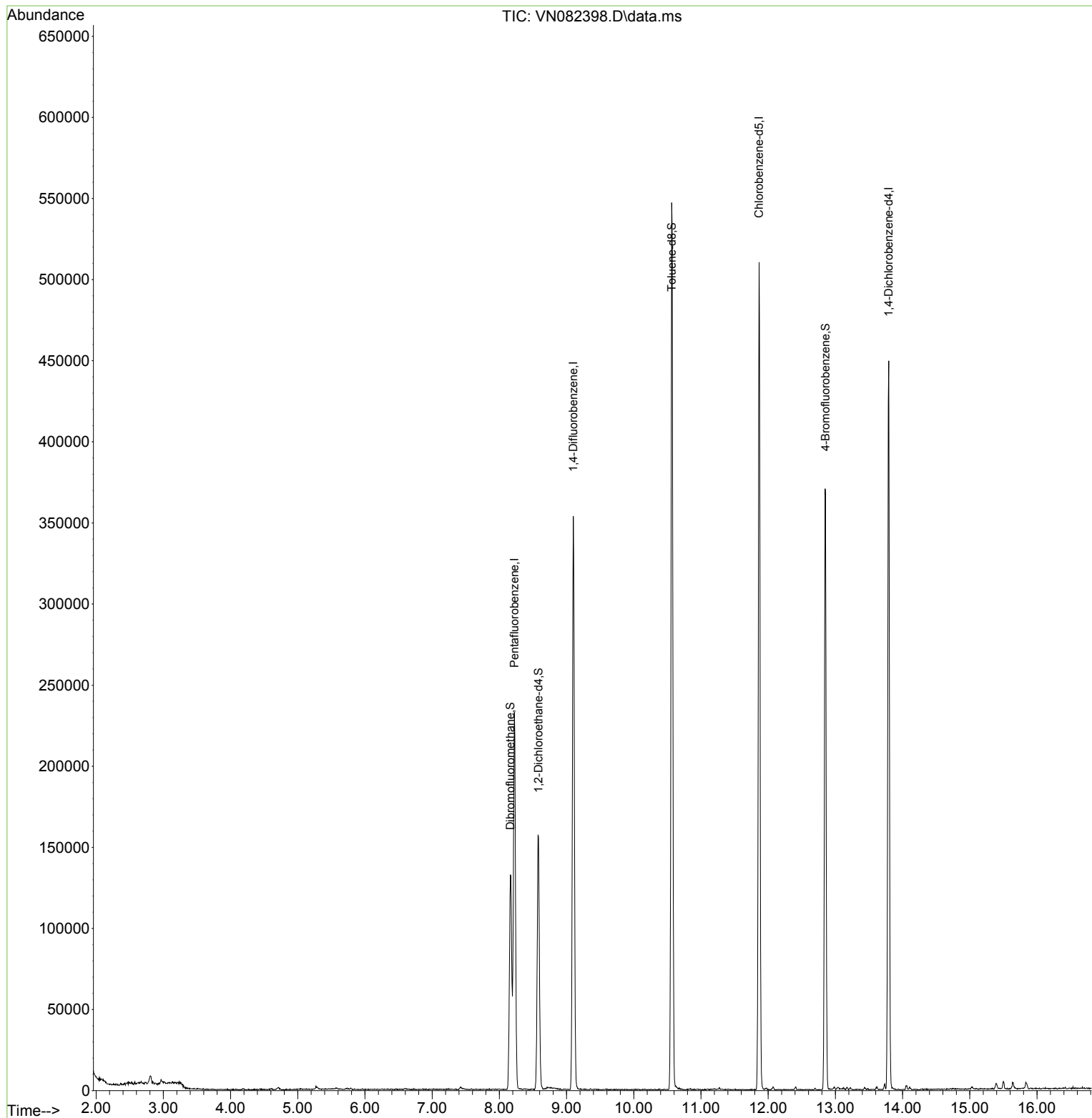
Target Compounds	Qvalue

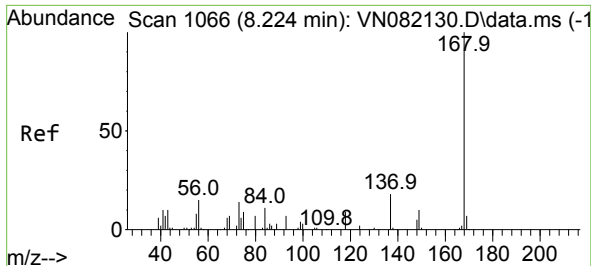
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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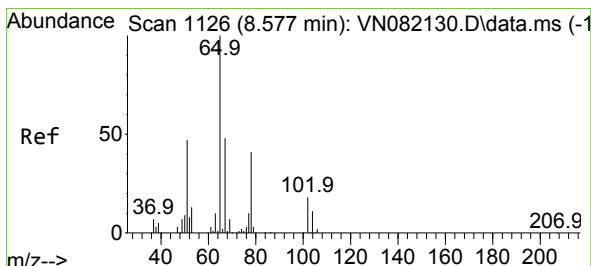
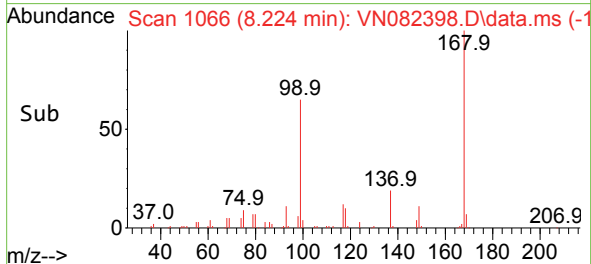
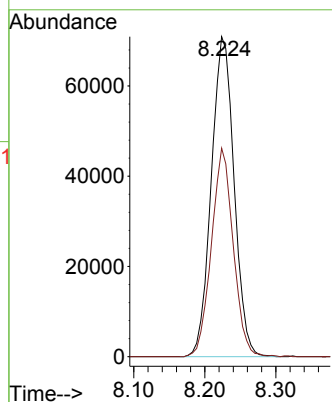
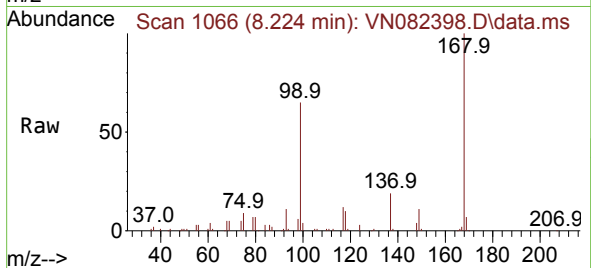




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082398.D
Acq: 31 May 2024 11:00

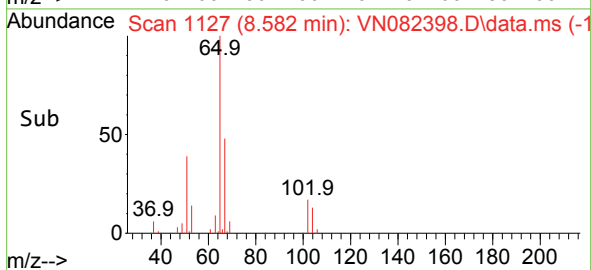
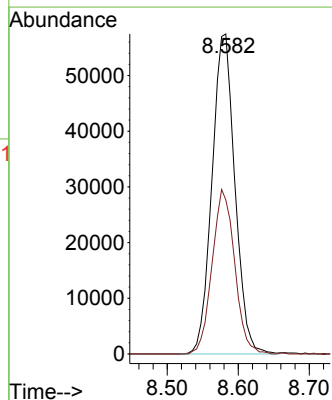
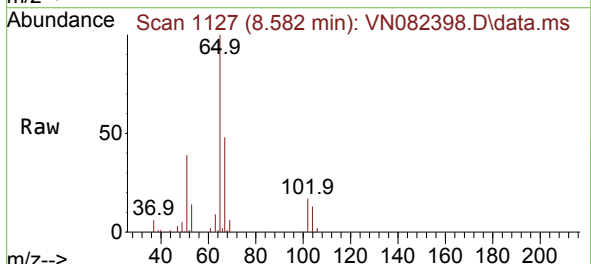
Instrument :
MSVOA_N
ClientSampleId :
VN0531MBL01

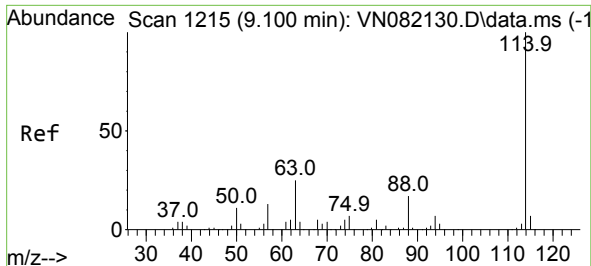
Tgt Ion:168 Resp: 157817
Ion Ratio Lower Upper
168 100
99 65.1 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 51.649 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082398.D
Acq: 31 May 2024 11:00

Tgt Ion: 65 Resp: 128708
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082398.D

Acq: 31 May 2024 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0531MBL01

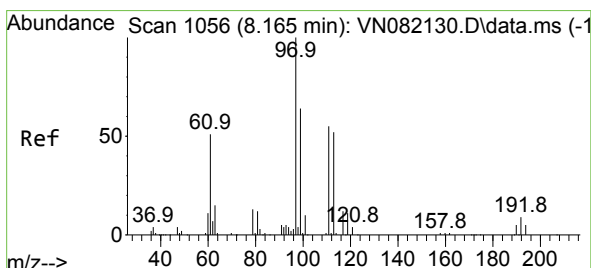
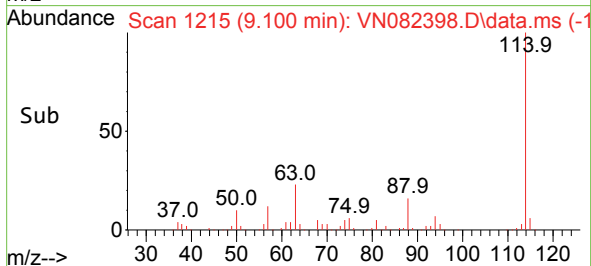
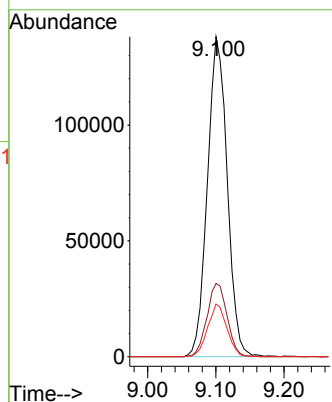
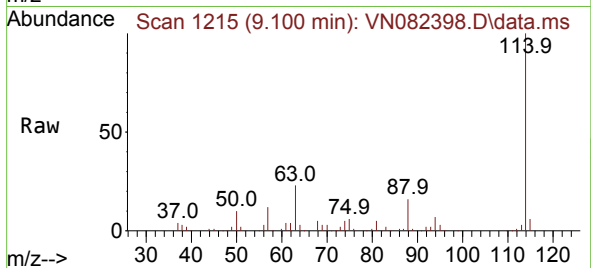
Tgt Ion:114 Resp: 279337

Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.0

88 16.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.924 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082398.D

Acq: 31 May 2024 11:00

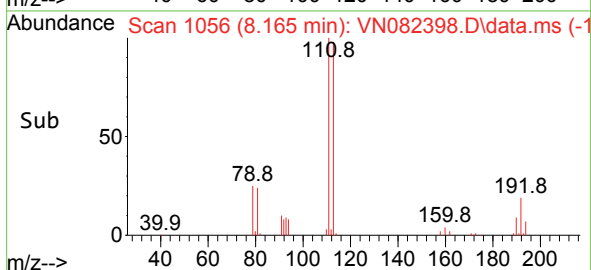
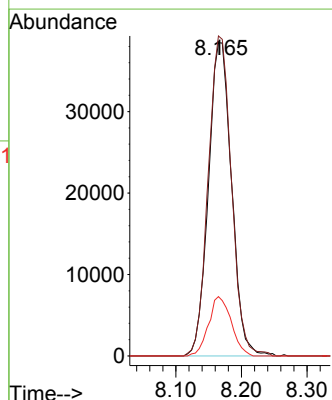
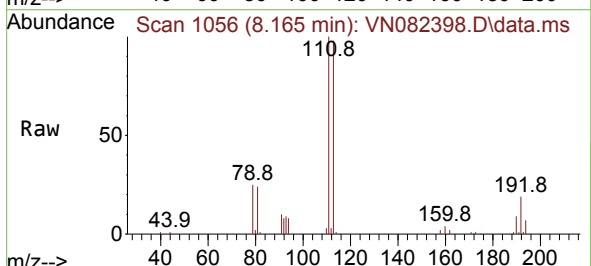
Tgt Ion:113 Resp: 94378

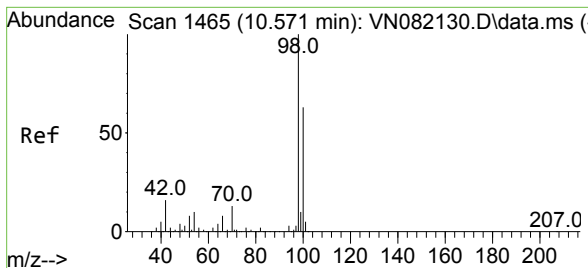
Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.2

192 18.6 14.0 21.0

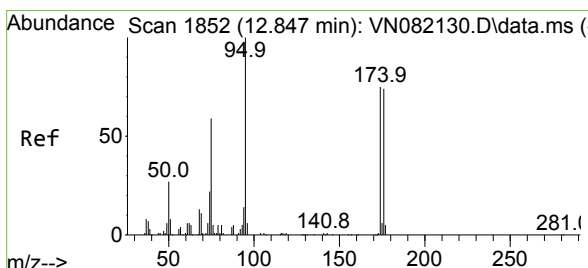
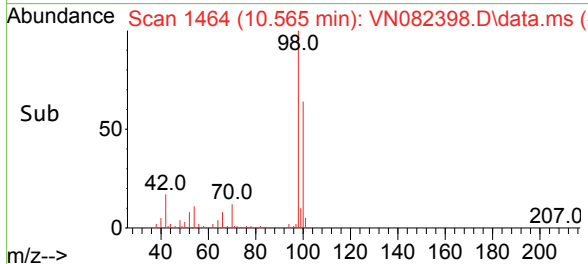
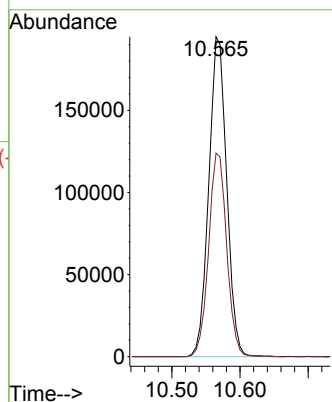
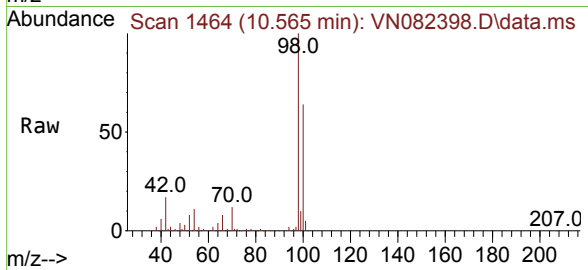




#50
Toluene-d8
Concen: 53.987 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082398.D
Acq: 31 May 2024 11:00

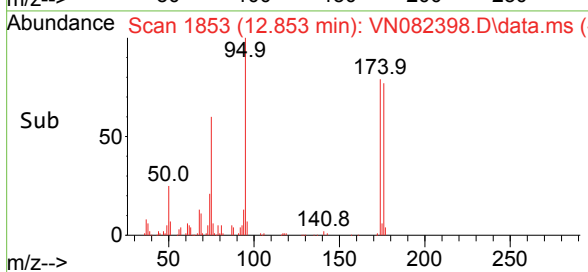
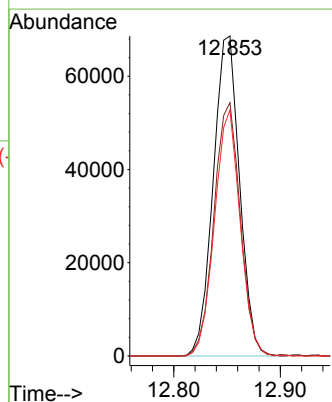
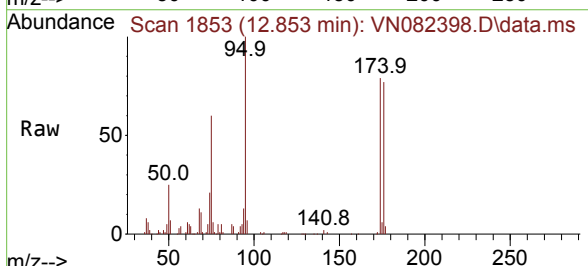
Instrument :
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VN0531MBL01

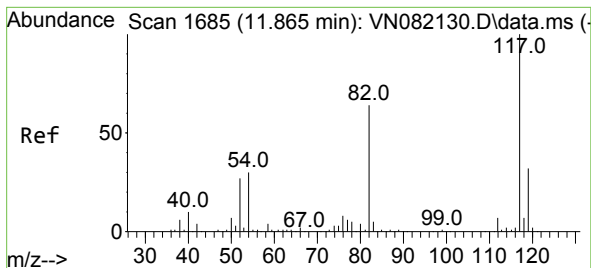
Tgt Ion: 98 Resp: 355669
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.130 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082398.D
Acq: 31 May 2024 11:00

Tgt Ion: 95 Resp: 117877
Ion Ratio Lower Upper
95 100
174 79.3 0.0 160.6
176 74.8 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082398.D

Acq: 31 May 2024 11:00

Instrument :

MSVOA_N

ClientSampleId :

VN0531MBL01

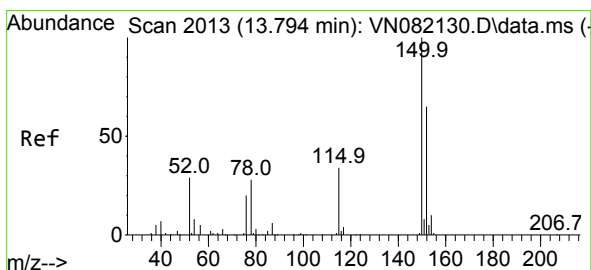
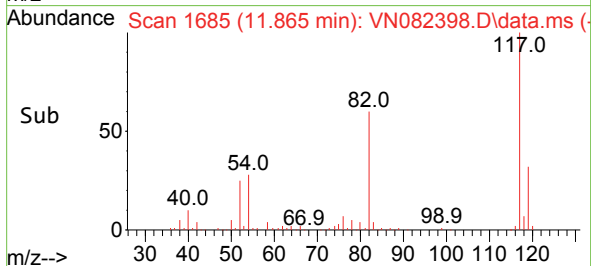
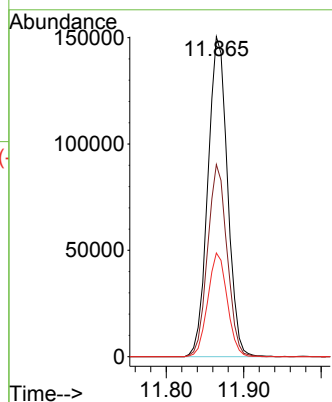
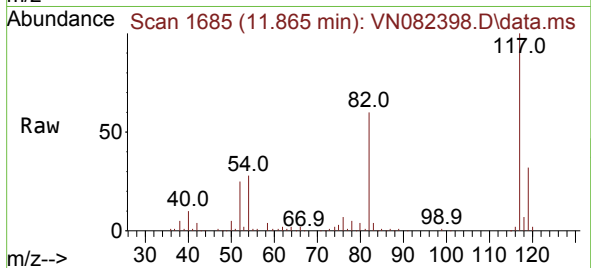
Tgt Ion:117 Resp: 263930

Ion Ratio Lower Upper

117 100

82 60.0 44.6 66.8

119 32.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082398.D

Acq: 31 May 2024 11:00

Tgt Ion:152 Resp: 110474

Ion Ratio Lower Upper

152 100

115 61.6 30.4 91.3

150 159.8 0.0 353.2

