

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061324\
 Data File : VN082554.D
 Acq On : 13 Jun 2024 13:06
 Operator : JC\MD
 Sample : P2840-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20240610

Quant Time: Jun 14 02:27:45 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	159247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	284736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	125948	50.088	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.180%	
35) Dibromofluoromethane	8.171	113	93175	53.195	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.400%	
50) Toluene-d8	10.571	98	337782	50.300	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.600%	
62) 4-Bromofluorobenzene	12.853	95	106209	44.312	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 88.620%	

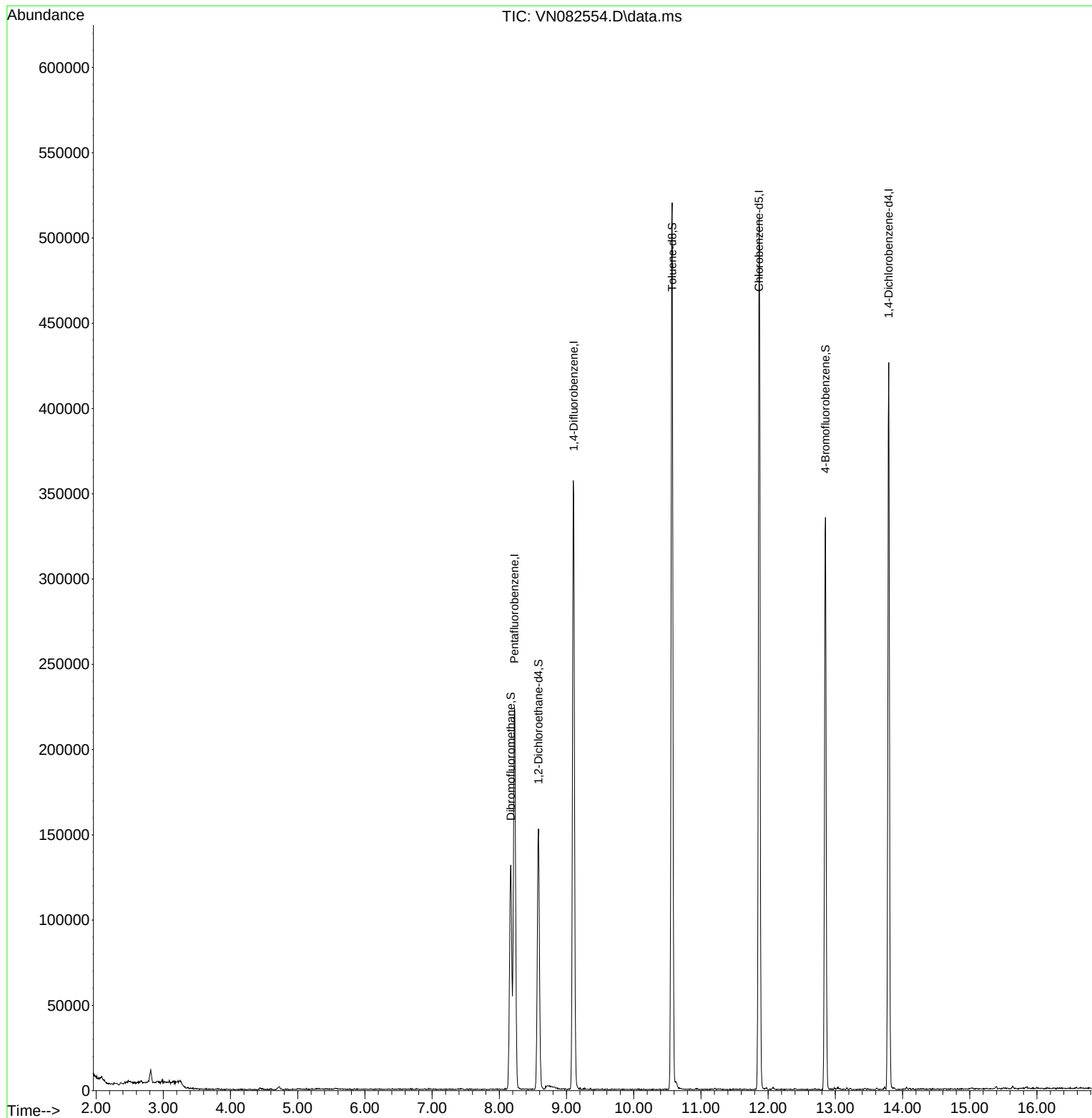
Target Compounds	Qvalue

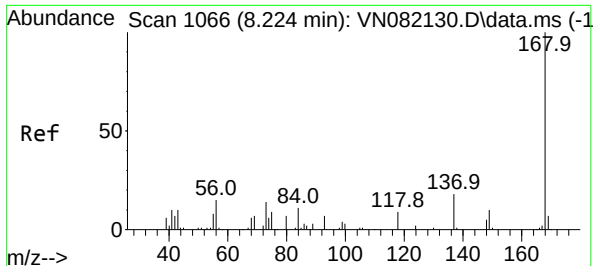
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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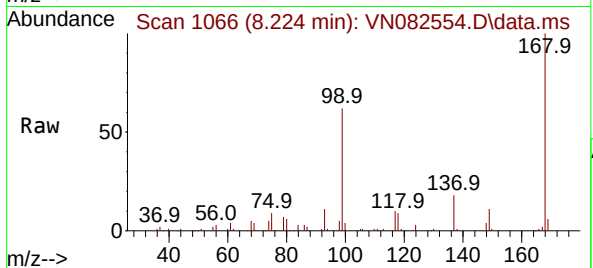
Quant Time: Jun 14 02:27:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
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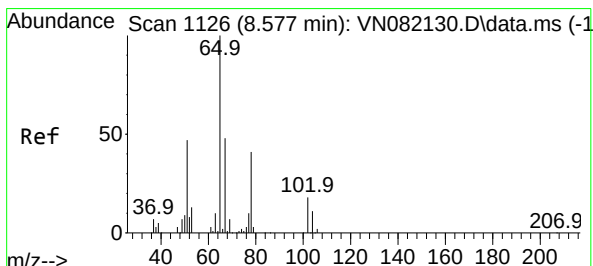
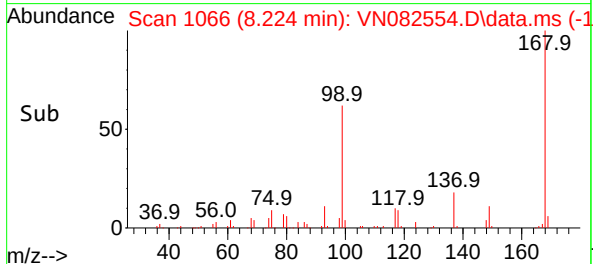
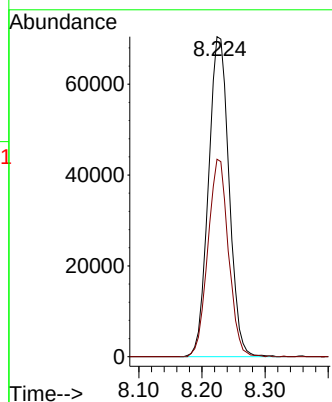


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082554.D
Acq: 13 Jun 2024 13:06

Instrument :
MSVOA_N
ClientSampleId :
DUP01-20240610

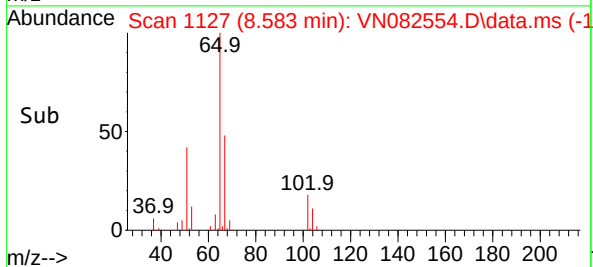
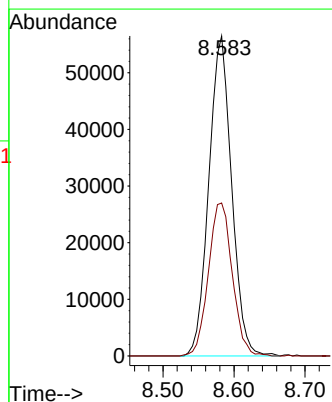
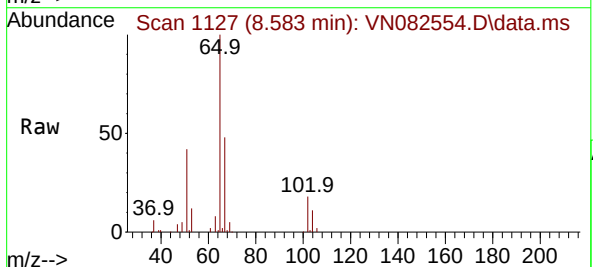


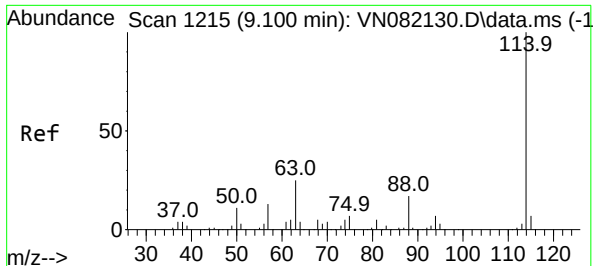
Tgt Ion:168 Resp: 159247
Ion Ratio Lower Upper
168 100
99 61.7 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 50.088 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082554.D
Acq: 13 Jun 2024 13:06

Tgt Ion: 65 Resp: 125948
Ion Ratio Lower Upper
65 100
67 50.1 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082554.D

Acq: 13 Jun 2024 13:06

Instrument :

MSVOA_N

ClientSampleId :

DUP01-20240610

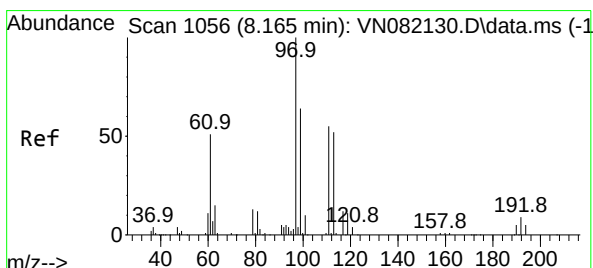
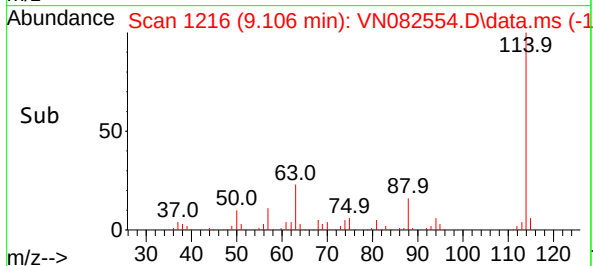
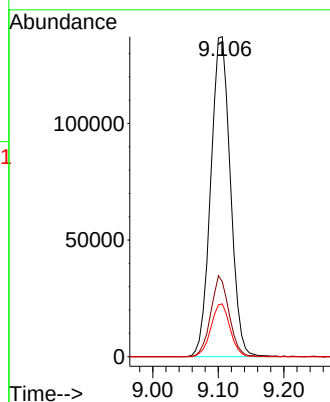
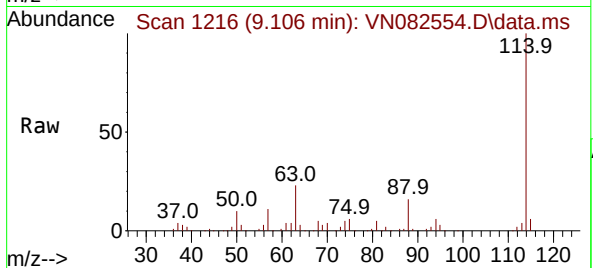
Tgt Ion:114 Resp: 284736

Ion Ratio Lower Upper

114 100

63 23.5 0.0 41.0

88 16.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.195 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082554.D

Acq: 13 Jun 2024 13:06

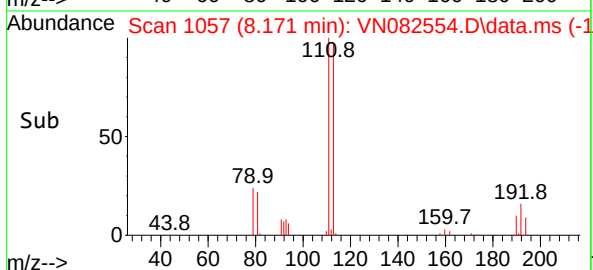
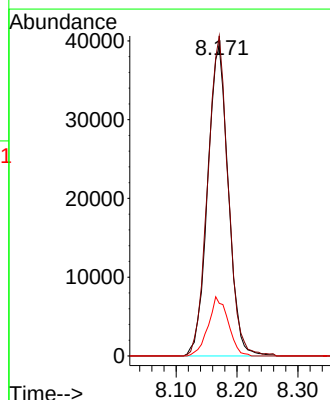
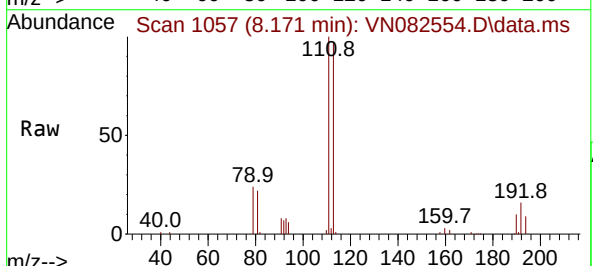
Tgt Ion:113 Resp: 93175

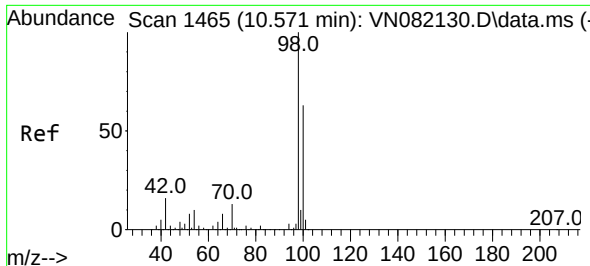
Ion Ratio Lower Upper

113 100

111 102.0 83.4 125.2

192 18.4 14.0 21.0

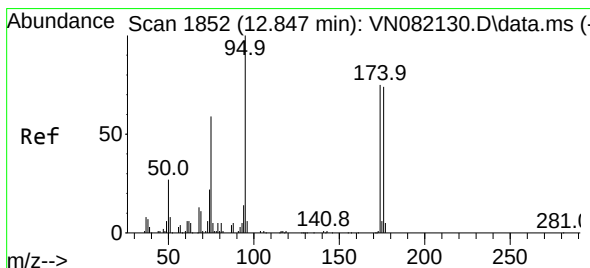
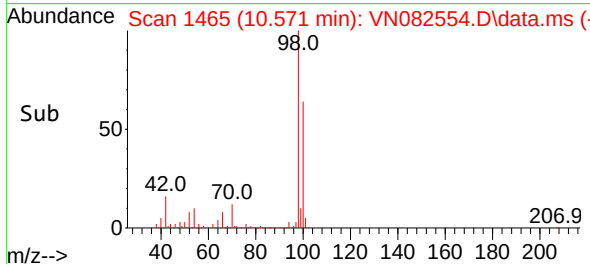
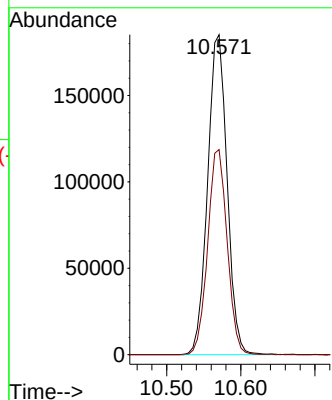
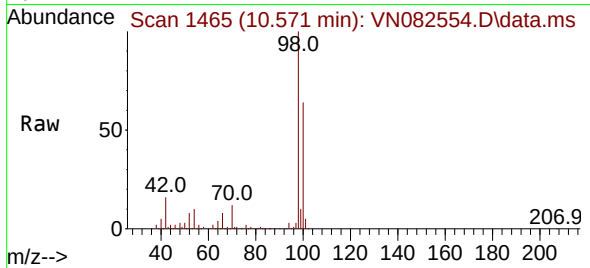




#50
Toluene-d8
Concen: 50.300 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082554.D
Acq: 13 Jun 2024 13:06

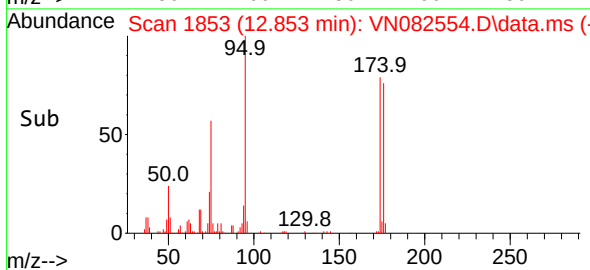
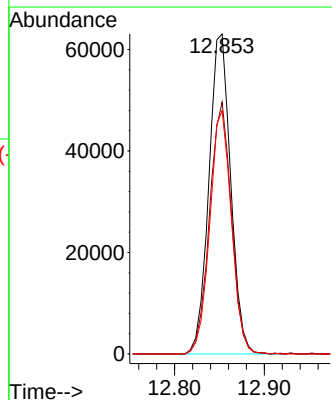
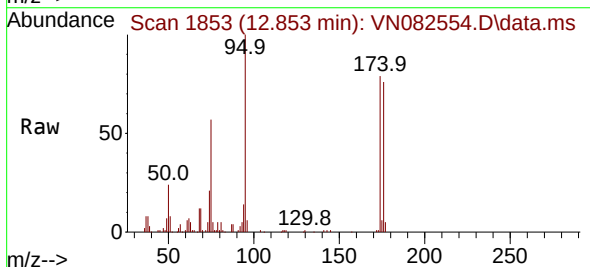
Instrument :
MSVOA_N
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DUP01-20240610

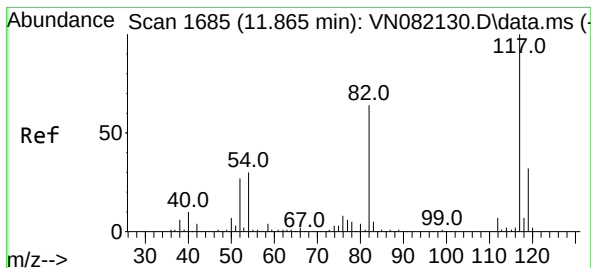
Tgt Ion: 98 Resp: 337782
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 44.312 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082554.D
Acq: 13 Jun 2024 13:06

Tgt Ion: 95 Resp: 106209
Ion Ratio Lower Upper
95 100
174 78.8 0.0 160.6
176 75.5 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: VN082554.D

Acq: 13 Jun 2024 13:06

Instrument :

MSVOA_N

ClientSampleId :

DUP01-20240610

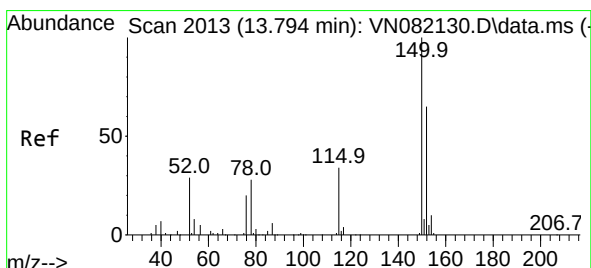
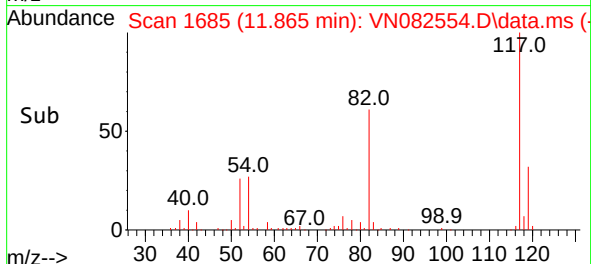
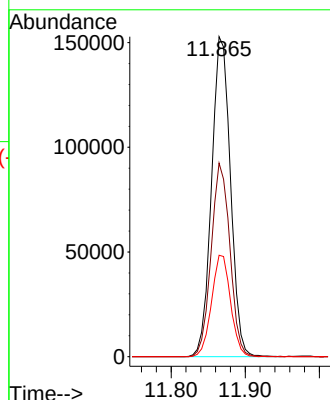
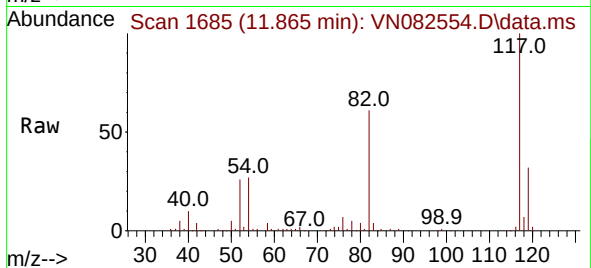
Tgt Ion:117 Resp: 270158

Ion Ratio Lower Upper

117 100

82 60.5 44.6 66.8

119 31.7 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: VN082554.D

Acq: 13 Jun 2024 13:06

Tgt Ion:152 Resp: 107087

Ion Ratio Lower Upper

152 100

115 59.3 30.4 91.3

150 158.2 0.0 353.2

