

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042524\
 Data File : VN081850.D
 Acq On : 25 Apr 2024 14:55
 Operator : JC\MD
 Sample : VN0425WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBL01

Quant Time: Apr 26 05:34:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	232582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	437399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	380861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	144651	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	187814	47.846	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.700%
35) Dibromofluoromethane	8.165	113	131953	50.105	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.220%
50) Toluene-d8	10.565	98	533988	51.628	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.260%
62) 4-Bromofluorobenzene	12.847	95	195518	47.820	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	95.640%

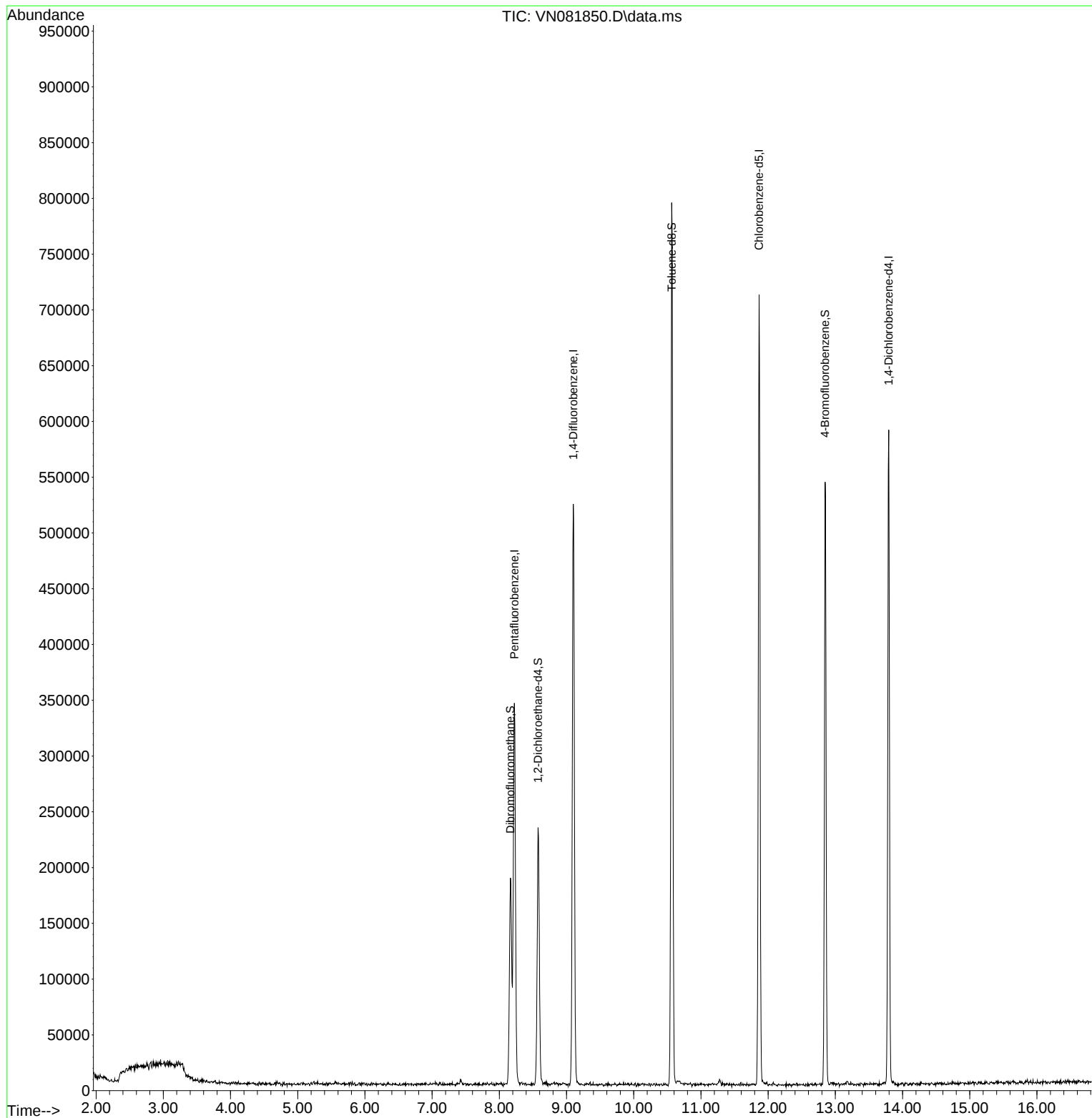
Target Compounds	Qvalue

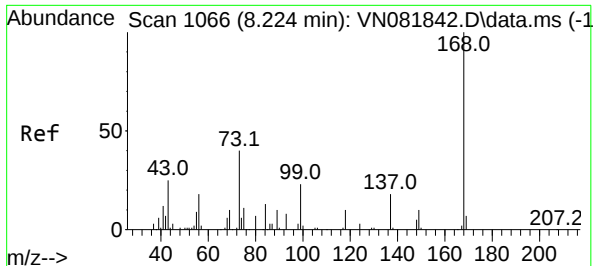
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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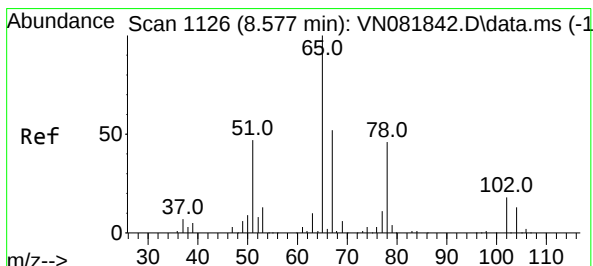
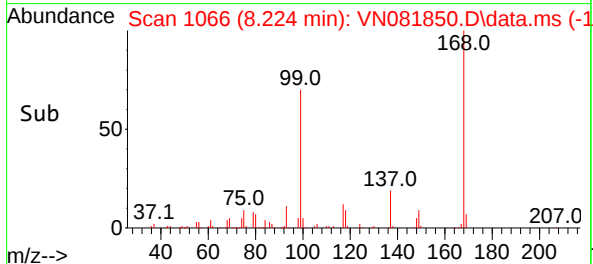
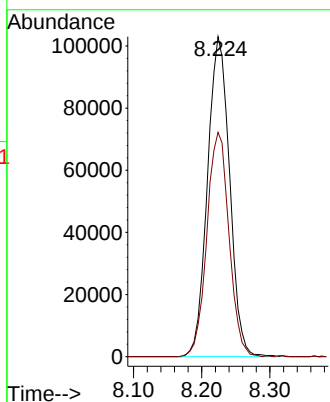
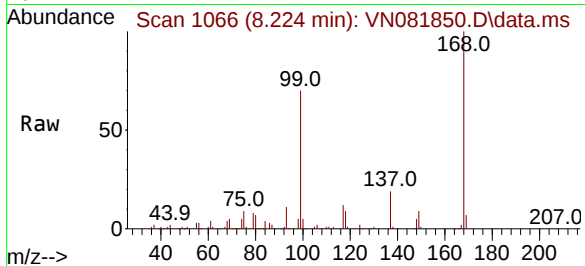




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081850.D
Acq: 25 Apr 2024 14:55

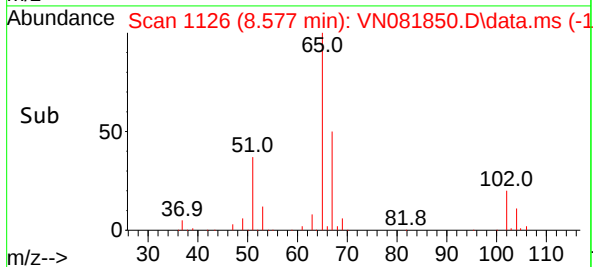
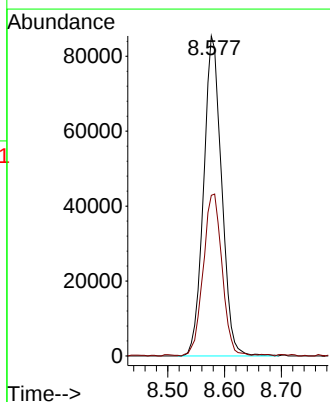
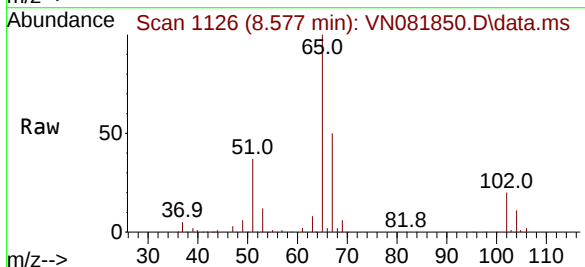
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBL01

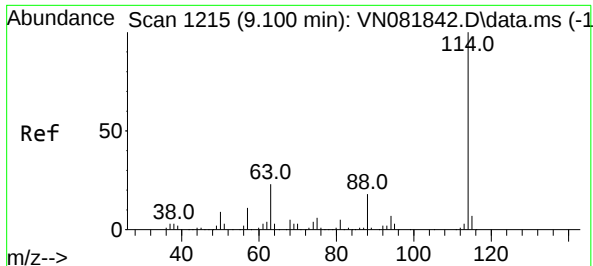
Tgt Ion:168 Resp: 232582
Ion Ratio Lower Upper
168 100
99 70.1 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 47.846 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081850.D
Acq: 25 Apr 2024 14:55

Tgt Ion: 65 Resp: 187814
Ion Ratio Lower Upper
65 100
67 53.1 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: VN081850.D

Acq: 25 Apr 2024 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBL01

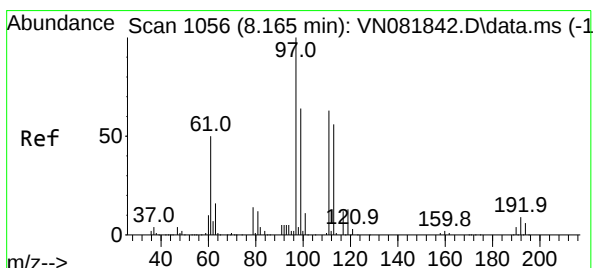
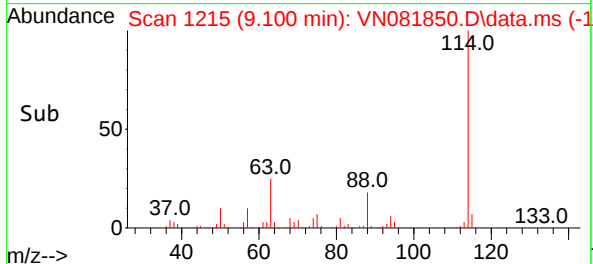
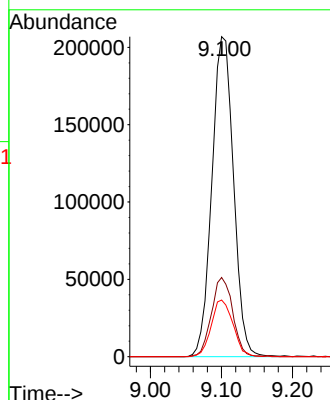
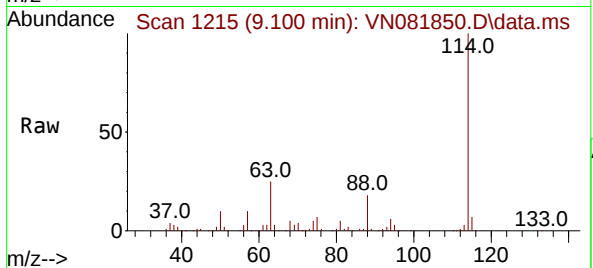
Tgt Ion:114 Resp: 437399

Ion Ratio Lower Upper

114 100

63 24.7 0.0 41.0

88 17.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.105 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081850.D

Acq: 25 Apr 2024 14:55

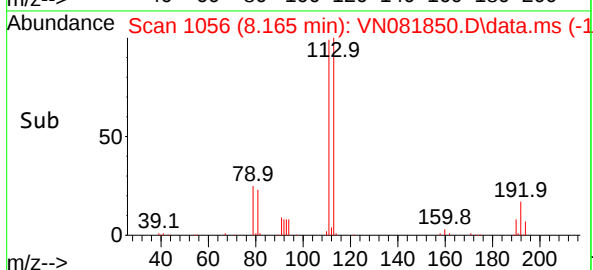
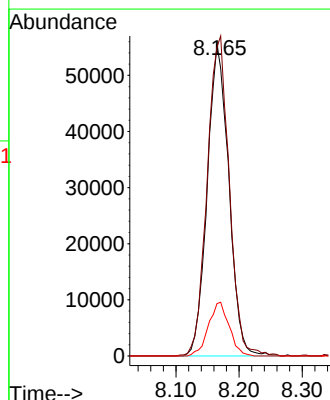
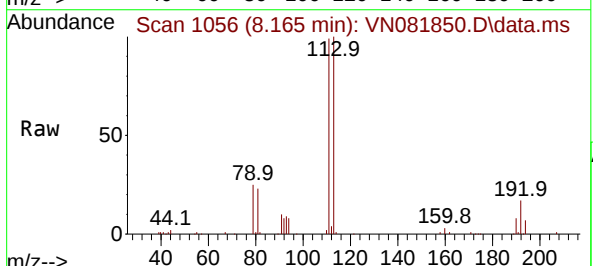
Tgt Ion:113 Resp: 131953

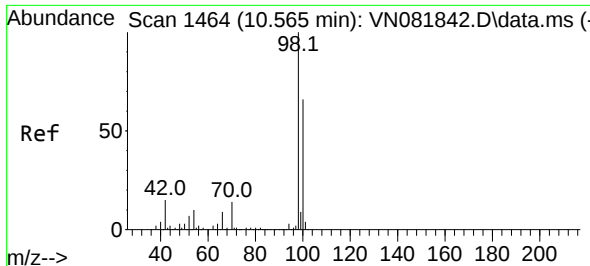
Ion Ratio Lower Upper

113 100

111 105.0 83.4 125.2

192 16.6 14.0 21.0

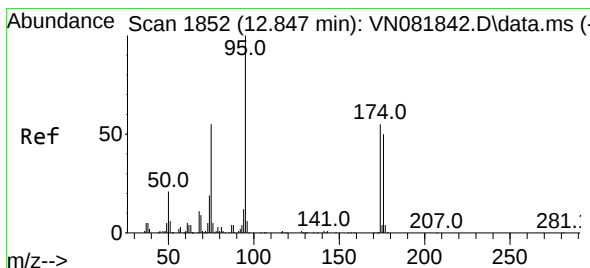
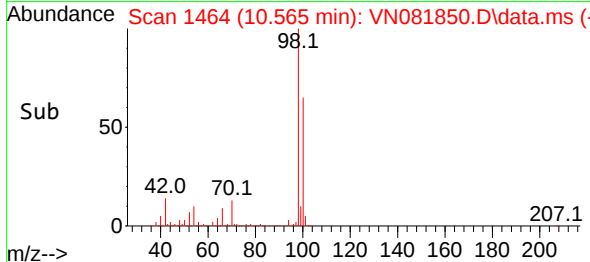
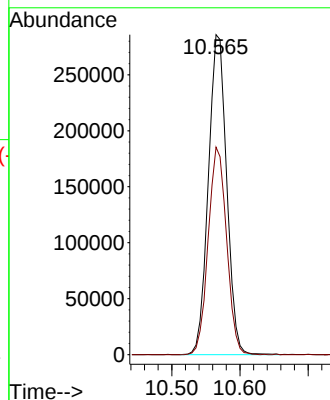
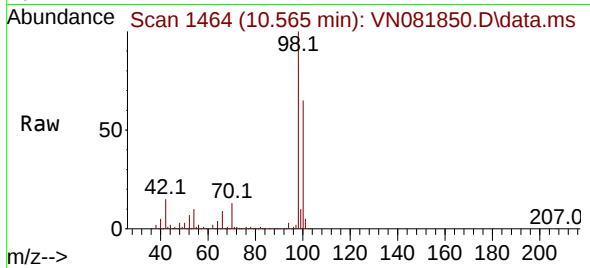




#50
Toluene-d8
Concen: 51.628 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081850.D
Acq: 25 Apr 2024 14:55

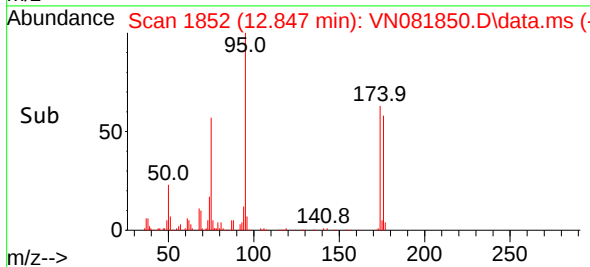
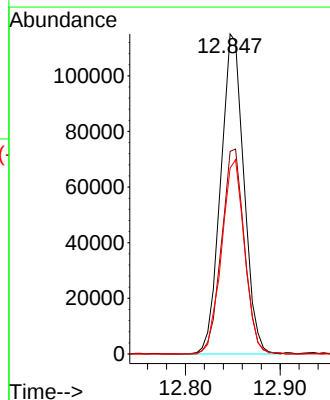
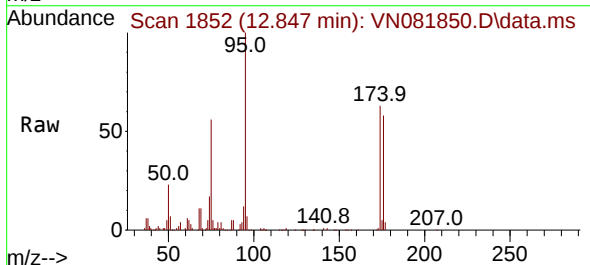
Instrument :
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VN0425WBL01

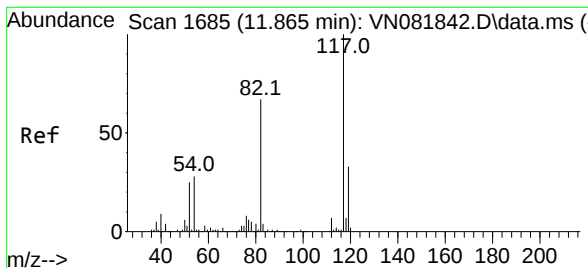
Tgt Ion: 98 Resp: 533988
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.820 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081850.D
Acq: 25 Apr 2024 14:55

Tgt Ion: 95 Resp: 195518
Ion Ratio Lower Upper
95 100
174 63.2 0.0 160.6
176 60.3 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: VN081850.D

Acq: 25 Apr 2024 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBL01

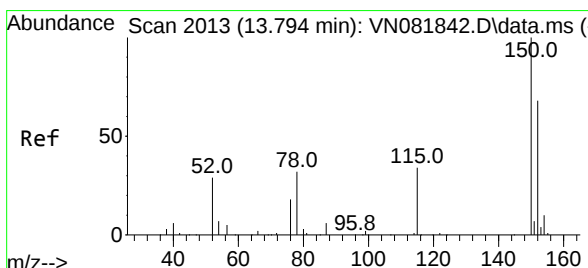
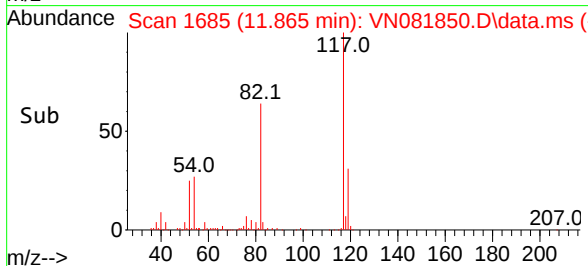
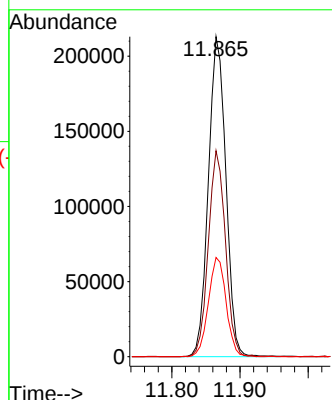
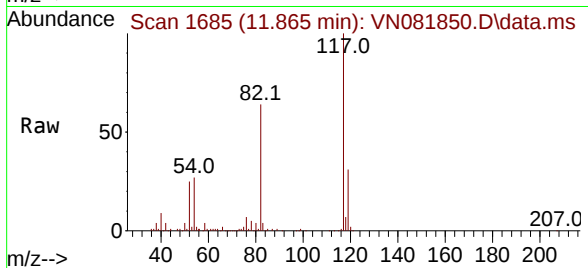
Tgt Ion:117 Resp: 380861

Ion Ratio Lower Upper

117 100

82 64.3 44.6 66.8

119 31.0 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: VN081850.D

Acq: 25 Apr 2024 14:55

Tgt Ion:152 Resp: 144651

Ion Ratio Lower Upper

152 100

115 68.8 30.4 91.3

150 156.0 0.0 353.2

