

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
 Data File : VN081463.D
 Acq On : 19 Mar 2024 12:02
 Operator : JC\MD
 Sample : VN0319WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBL01

Quant Time: Mar 20 01:14:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	503377	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	843736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	732616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	299755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	308910	48.121	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.240%
35) Dibromofluoromethane	8.165	113	262882	49.369	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.740%
50) Toluene-d8	10.565	98	997790	51.837	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.680%
62) 4-Bromofluorobenzene	12.847	95	307815	45.384	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	90.760%

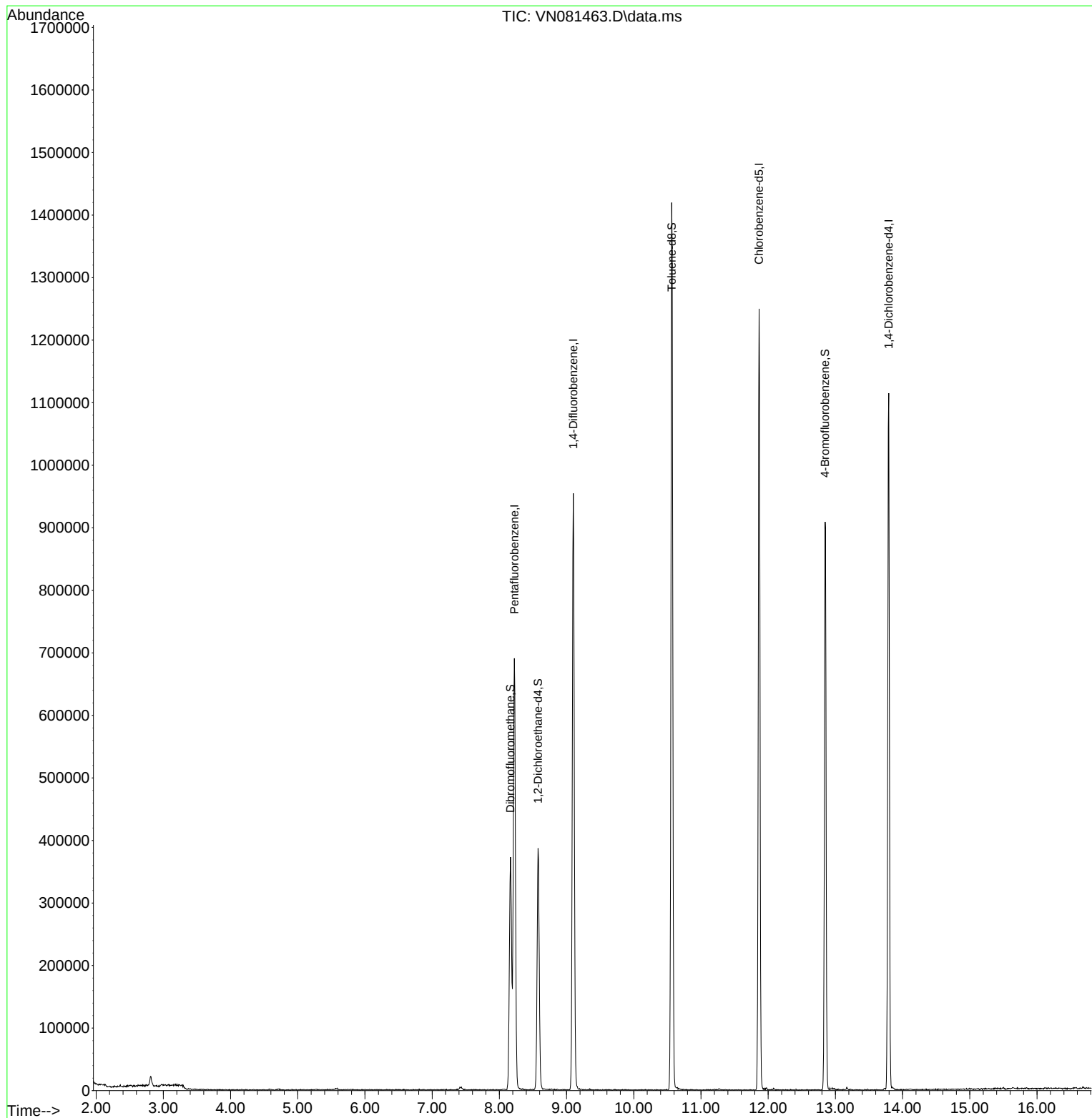
Target Compounds	Qvalue

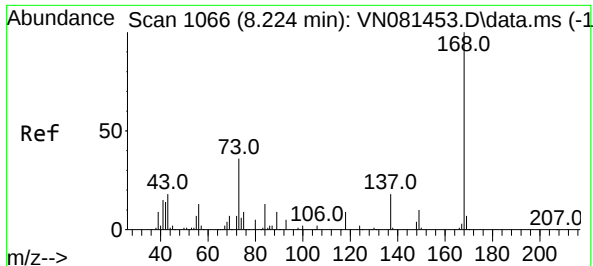
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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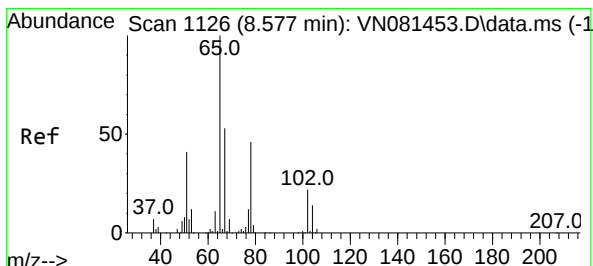
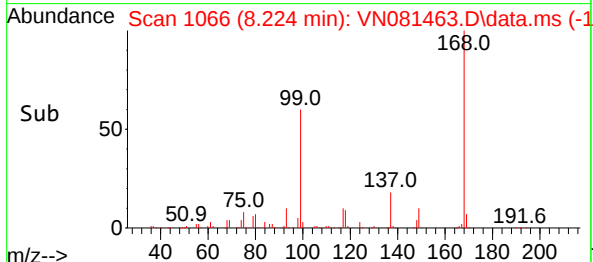
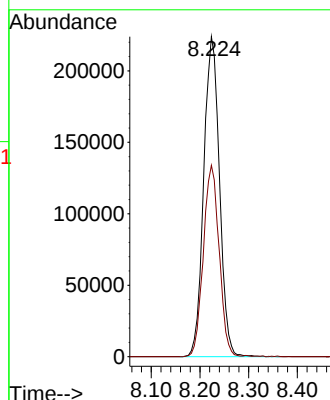
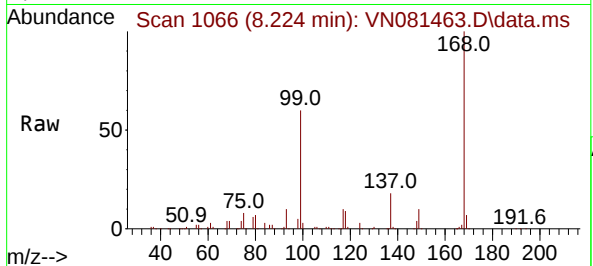




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081463.D
Acq: 19 Mar 2024 12:02

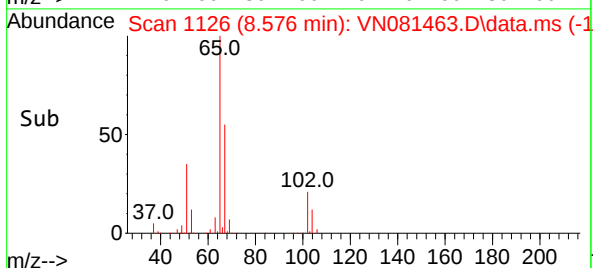
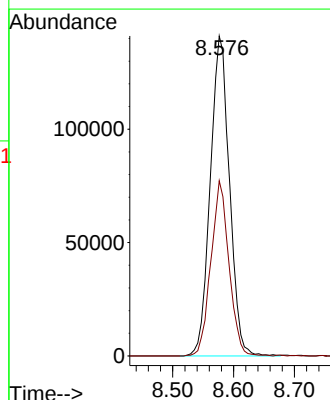
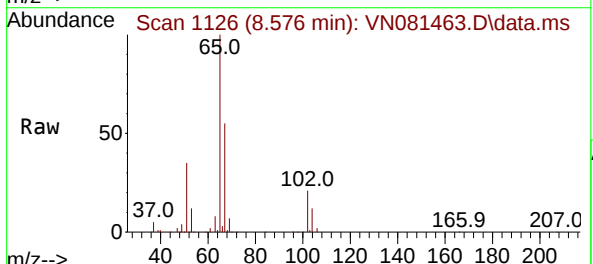
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBL01

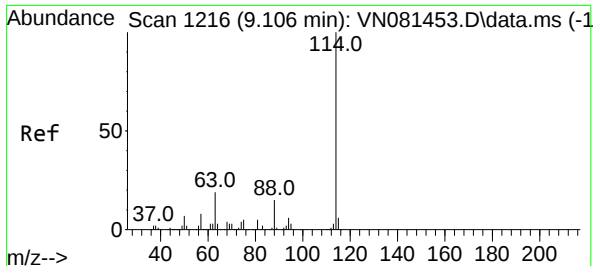
Tgt Ion:168 Resp: 503377
Ion Ratio Lower Upper
168 100
99 59.8 59.9 89.9#



#33
1,2-Dichloroethane-d4
Concen: 48.121 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081463.D
Acq: 19 Mar 2024 12:02

Tgt Ion: 65 Resp: 308910
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081463.D

Acq: 19 Mar 2024 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBL01

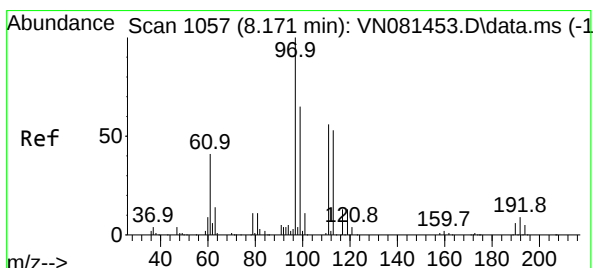
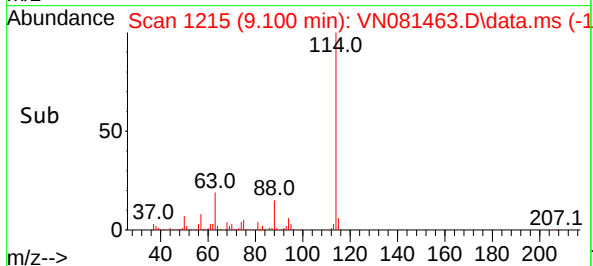
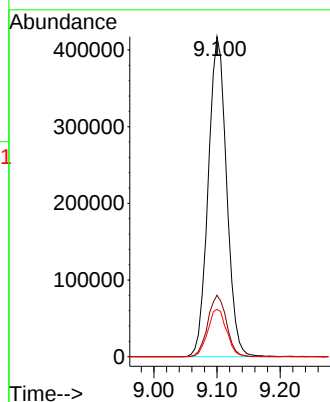
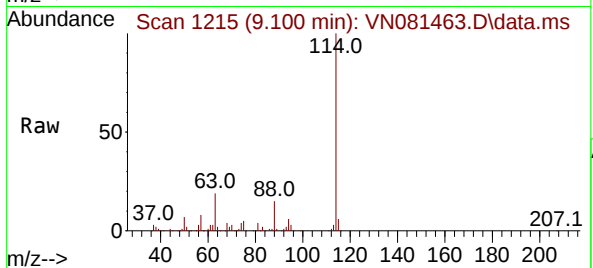
Tgt Ion:114 Resp: 843736

Ion Ratio Lower Upper

114 100

63 19.2 0.0 48.0

88 14.8 0.0 34.8



#35

Dibromofluoromethane

Concen: 49.369 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081463.D

Acq: 19 Mar 2024 12:02

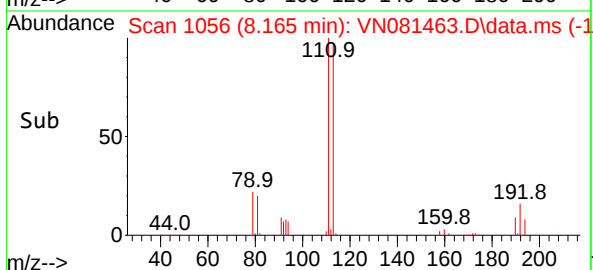
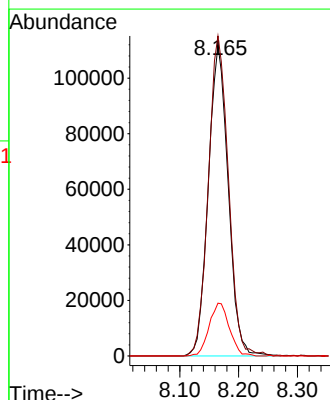
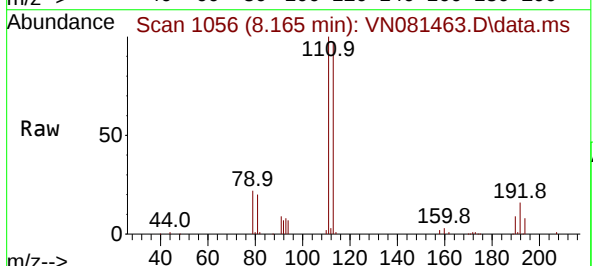
Tgt Ion:113 Resp: 262882

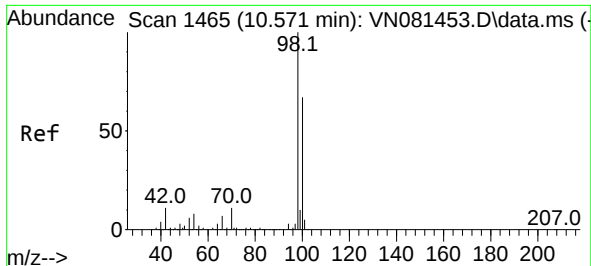
Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.4

192 17.3 12.5 18.7

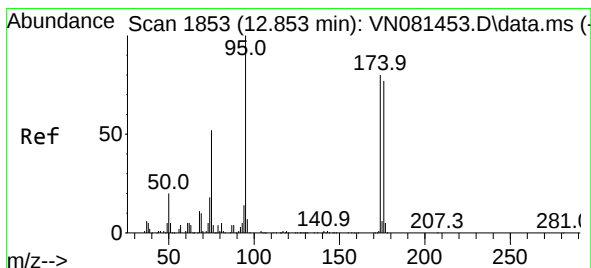
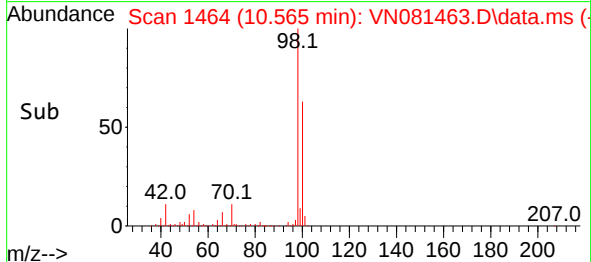
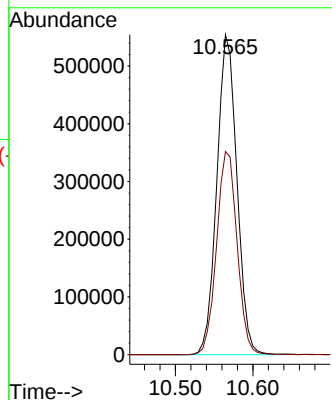
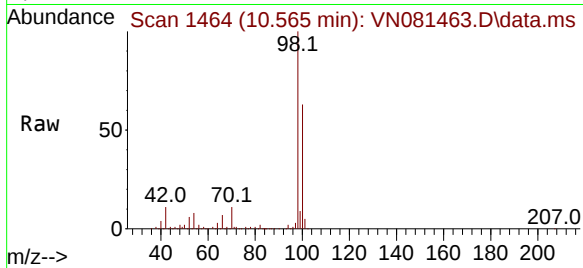




#50
Toluene-d8
Concen: 51.837 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081463.D
Acq: 19 Mar 2024 12:02

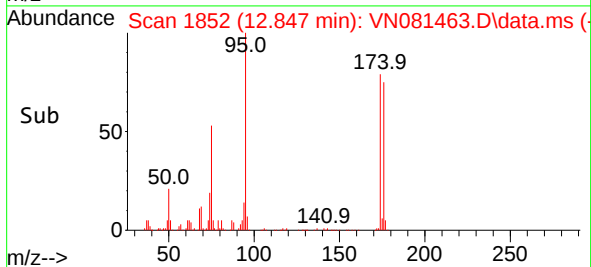
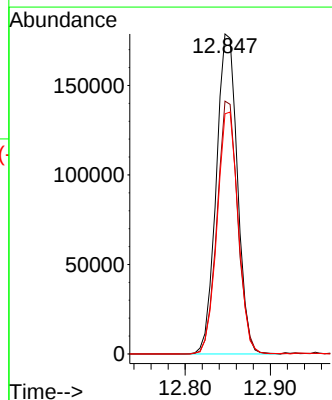
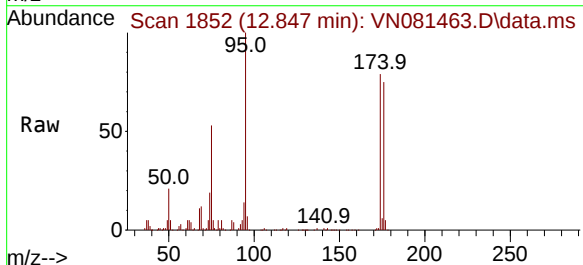
Instrument :
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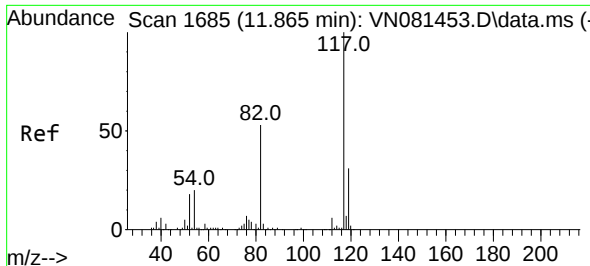
Tgt Ion: 98 Resp: 997790
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.384 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081463.D
Acq: 19 Mar 2024 12:02

Tgt Ion: 95 Resp: 307815
Ion Ratio Lower Upper
95 100
174 77.5 0.0 120.4
176 75.2 0.0 121.0

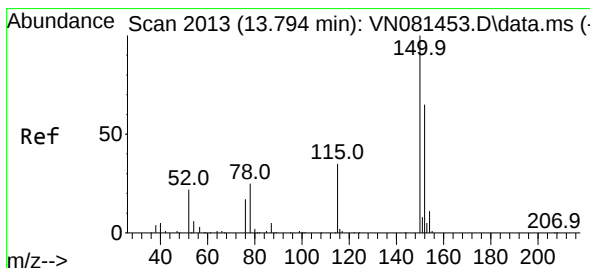
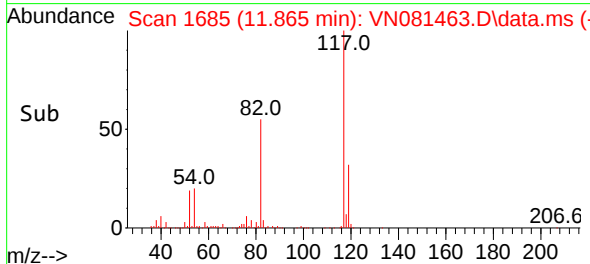
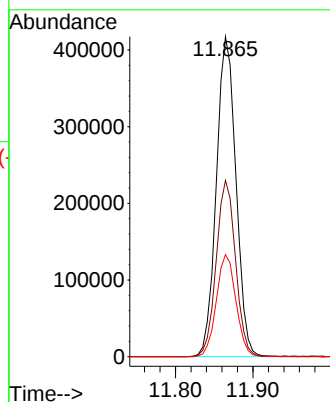
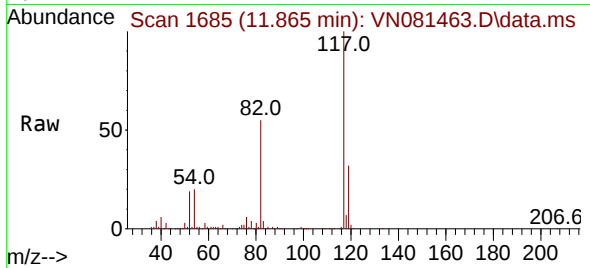




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN081463.D
Acq: 19 Mar 2024 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBL01

Tgt Ion:117 Resp: 732616
Ion Ratio Lower Upper
117 100
82 55.1 52.7 79.1
119 31.9 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: VN081463.D
Acq: 19 Mar 2024 12:02

Tgt Ion:152 Resp: 299755
Ion Ratio Lower Upper
152 100
115 60.7 32.3 96.8
150 158.5 0.0 339.8

