

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040124\
 Data File : VN081645.D
 Acq On : 01 Apr 2024 13:54
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 02 01:14:12 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	354975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	643365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	588863	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	243909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	246442	54.440	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.880%	
35) Dibromofluoromethane	8.165	113	212754	52.399	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.800%	
50) Toluene-d8	10.570	98	765685	52.167	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.340%	
62) 4-Bromofluorobenzene	12.853	95	250624	48.460	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 96.920%	

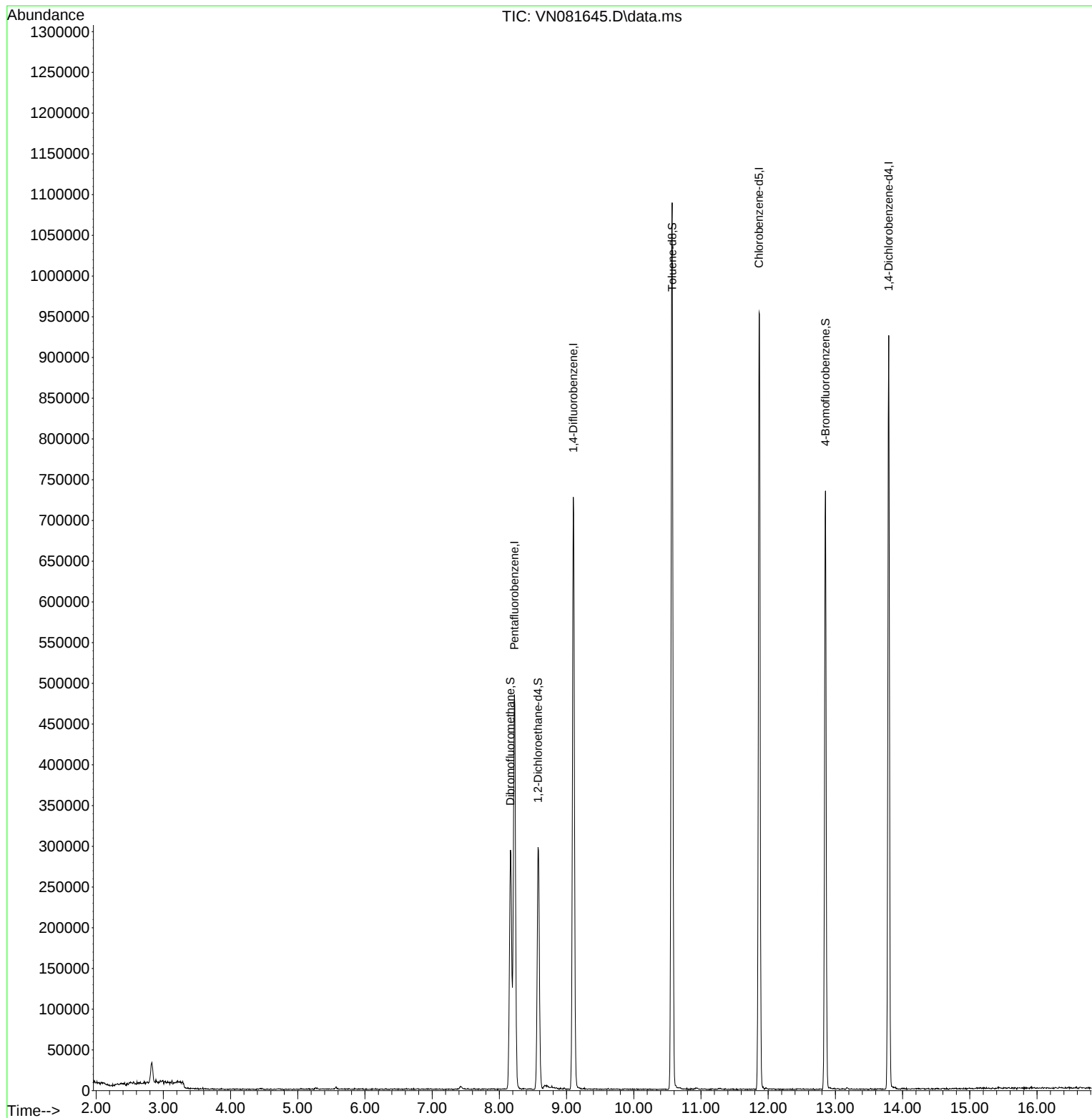
Target Compounds	Qvalue

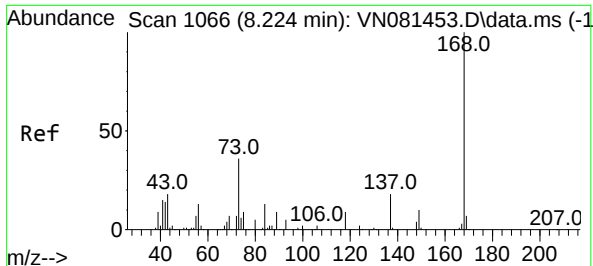
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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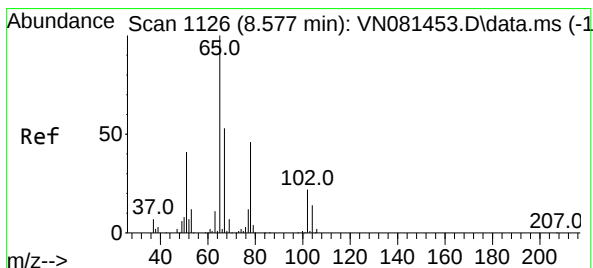
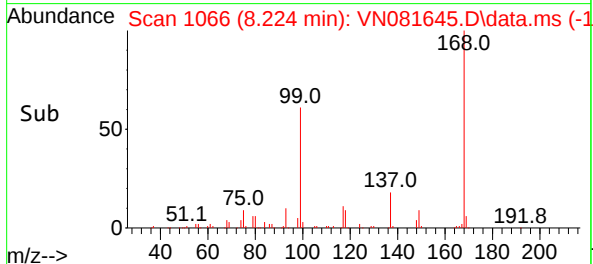
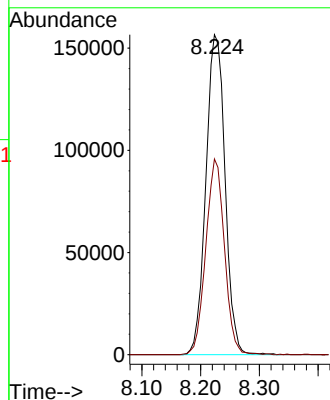
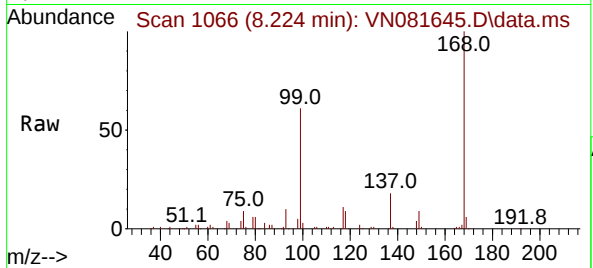




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081645.D
Acq: 01 Apr 2024 13:54

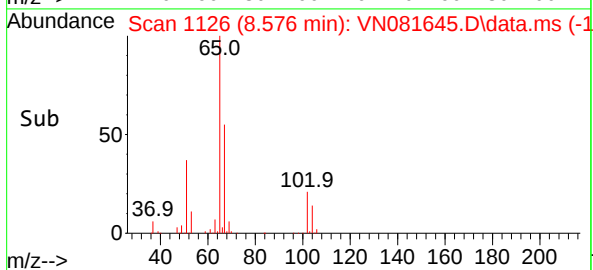
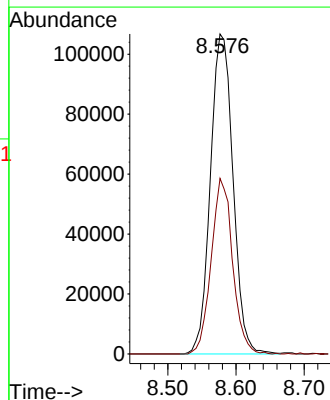
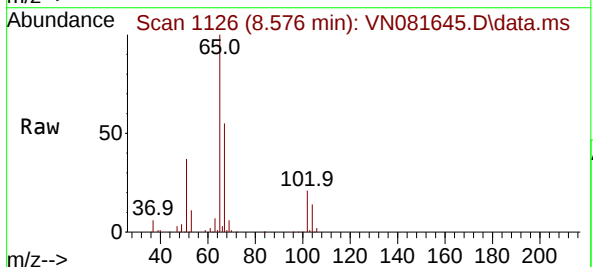
Instrument :
MSVOA_N
ClientSampleId :
IBLK

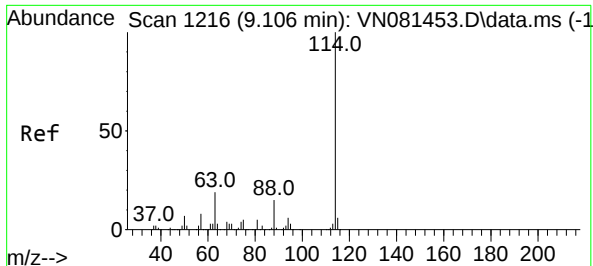
Tgt Ion:168 Resp: 354975
Ion Ratio Lower Upper
168 100
99 61.2 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 54.440 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081645.D
Acq: 01 Apr 2024 13:54

Tgt Ion: 65 Resp: 246442
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN081645.D

Acq: 01 Apr 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :

IBLK

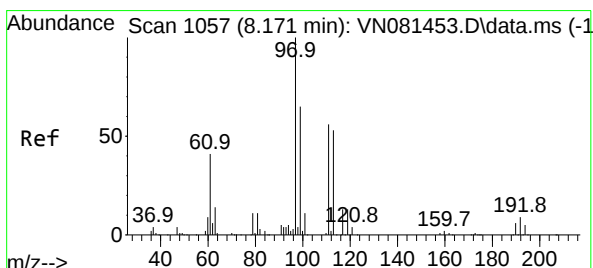
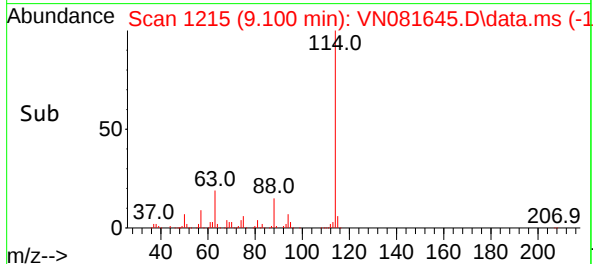
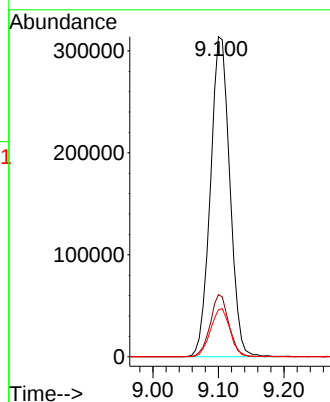
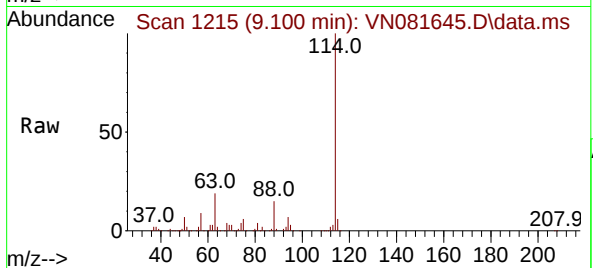
Tgt Ion:114 Resp: 643365

Ion Ratio Lower Upper

114 100

63 19.4 0.0 48.0

88 14.6 0.0 34.8



#35

Dibromofluoromethane

Concen: 52.399 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081645.D

Acq: 01 Apr 2024 13:54

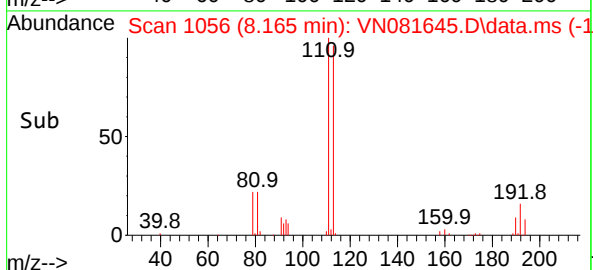
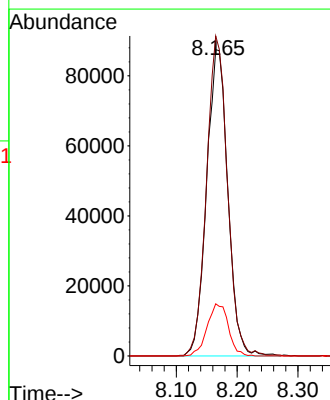
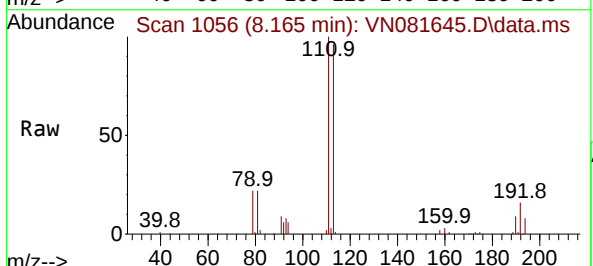
Tgt Ion:113 Resp: 212754

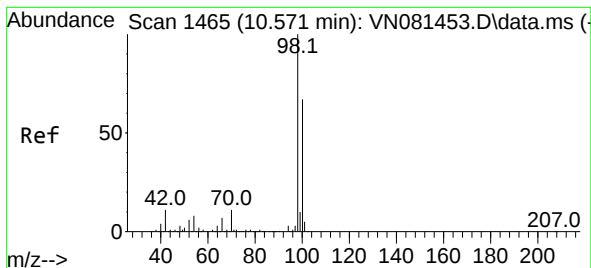
Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

192 16.9 12.5 18.7

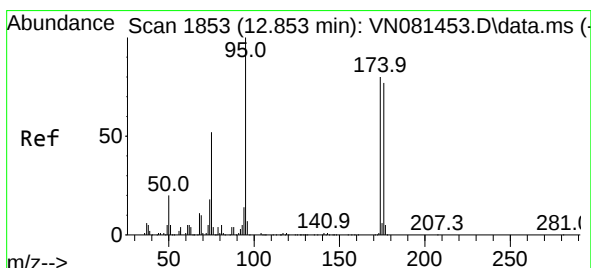
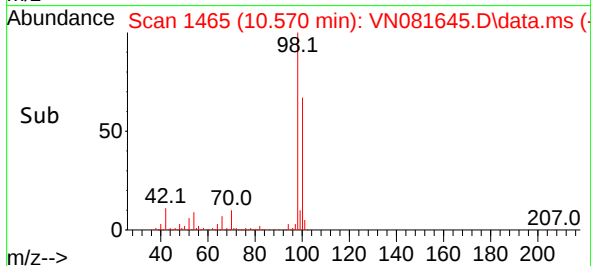
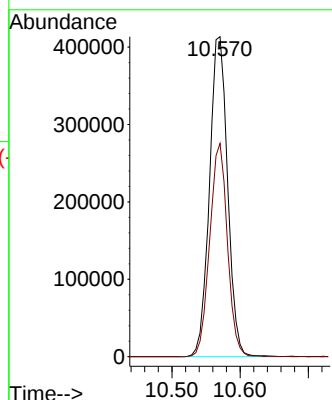
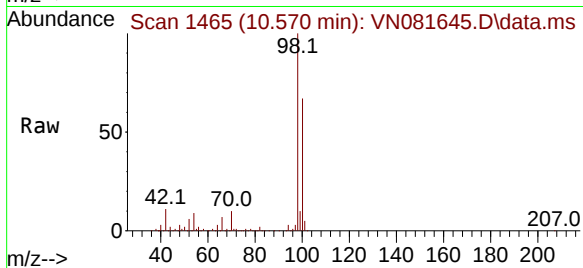




#50
Toluene-d8
Concen: 52.167 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081645.D
Acq: 01 Apr 2024 13:54

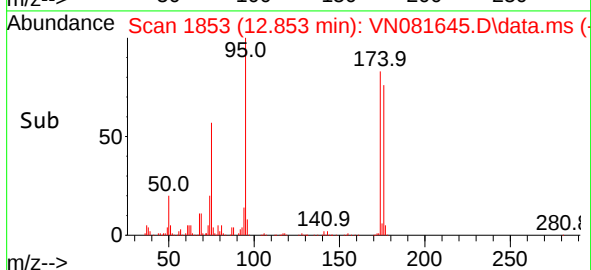
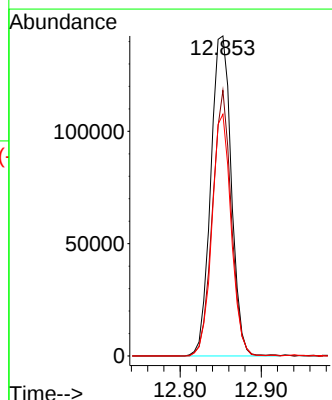
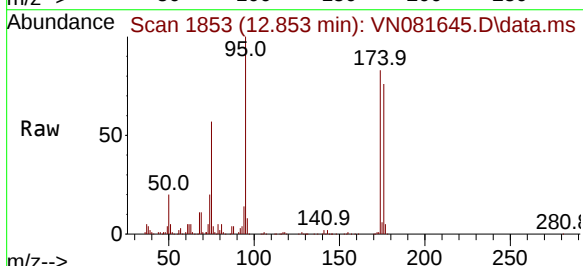
Instrument :
MSVOA_N
ClientSampleId :
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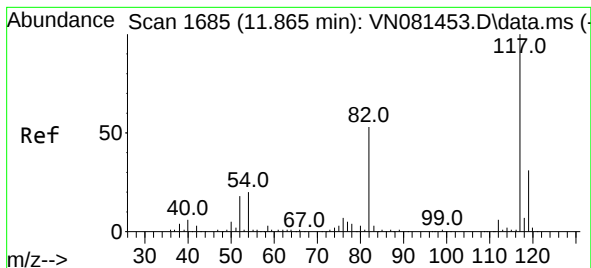
Tgt Ion: 98 Resp: 765685
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 48.460 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081645.D
Acq: 01 Apr 2024 13:54

Tgt Ion: 95 Resp: 250624
Ion Ratio Lower Upper
95 100
174 75.9 0.0 120.4
176 70.9 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081645.D

Acq: 01 Apr 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :

IBLK

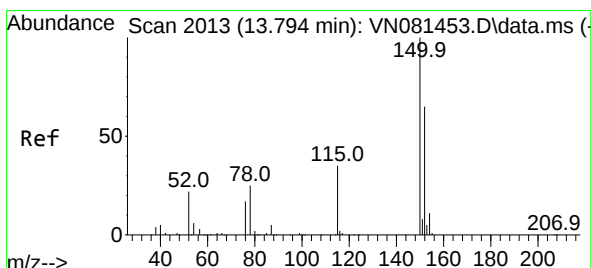
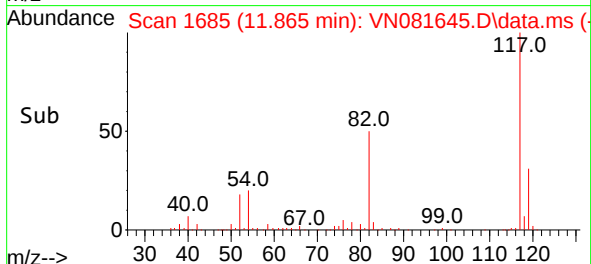
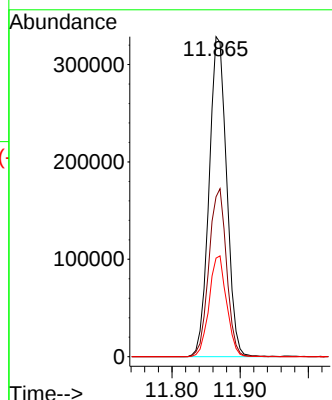
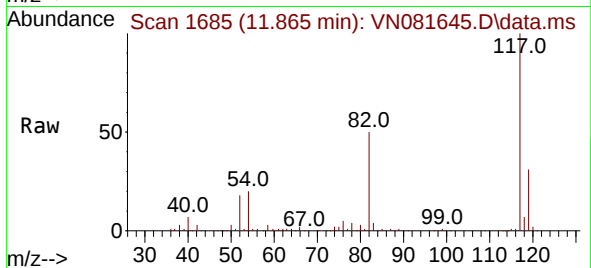
Tgt Ion:117 Resp: 588863

Ion Ratio Lower Upper

117 100

82 50.0 52.7 79.1#

119 30.8 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: VN081645.D

Acq: 01 Apr 2024 13:54

Tgt Ion:152 Resp: 243909

Ion Ratio Lower Upper

152 100

115 61.5 32.3 96.8

150 157.1 0.0 339.8

