

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041824\
 Data File : VN081782.D
 Acq On : 18 Apr 2024 13:06
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 19 01:21:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	235327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	420879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	410671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	196806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	166487	50.276	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.560%
35) Dibromofluoromethane	8.171	113	137788	49.577	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.160%
50) Toluene-d8	10.565	98	536163	52.366	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.740%
62) 4-Bromofluorobenzene	12.847	95	215306	61.537	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	123.080%

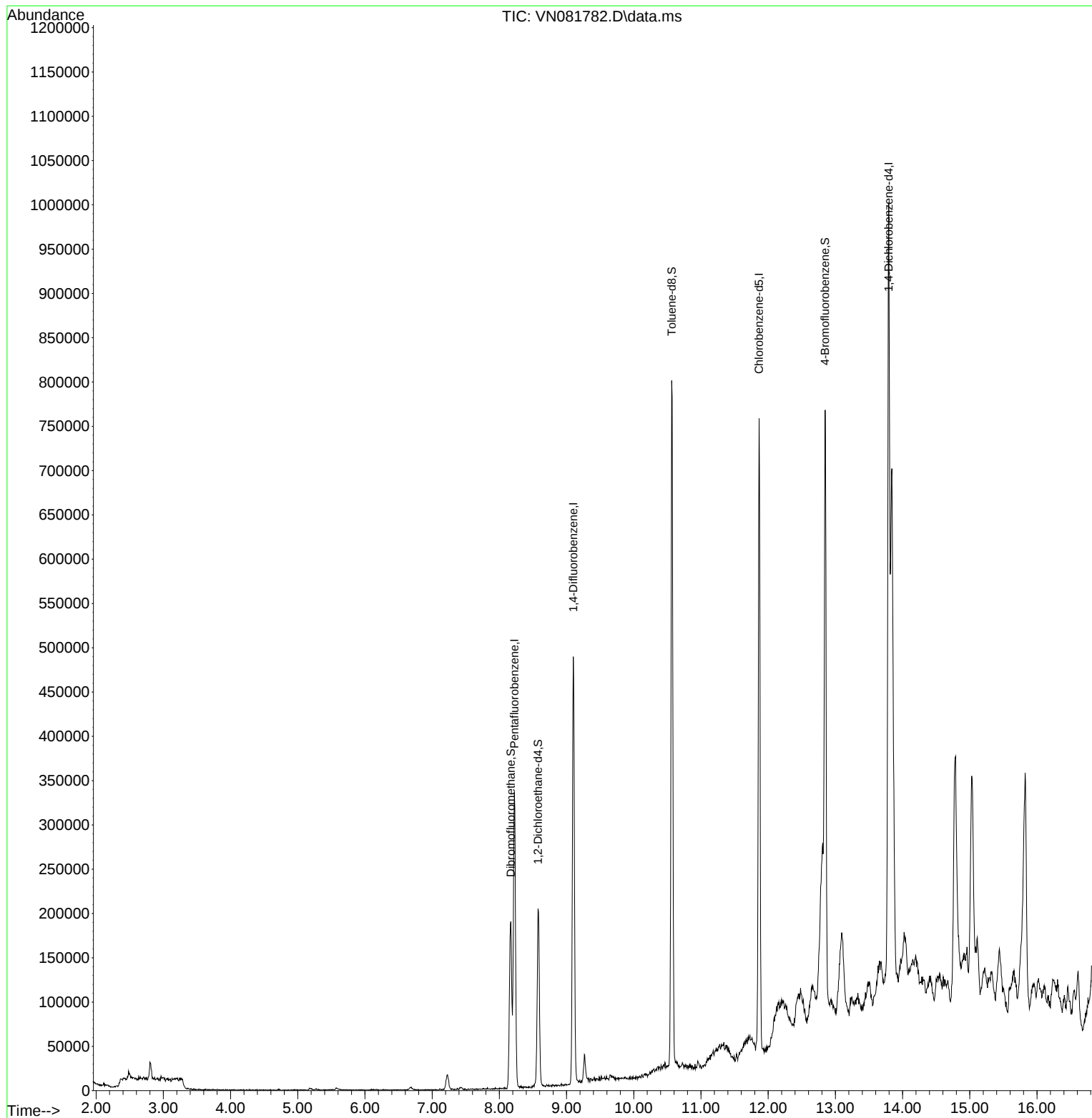
Target Compounds	Qvalue

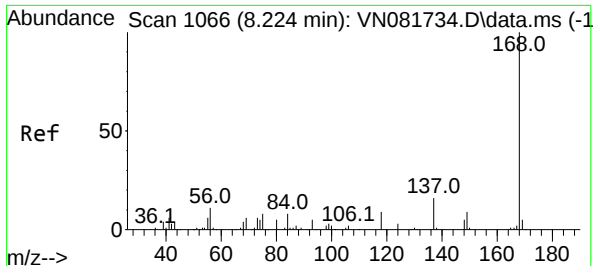
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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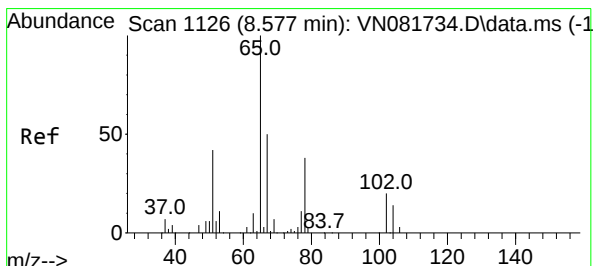
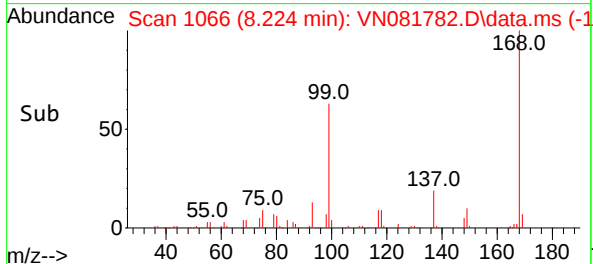
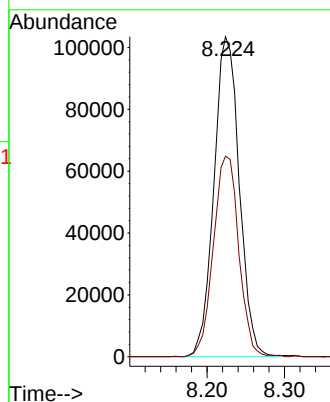
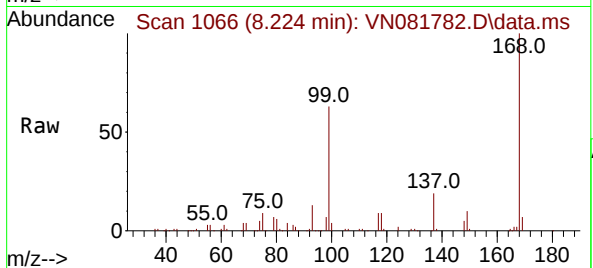




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081782.D
Acq: 18 Apr 2024 13:06

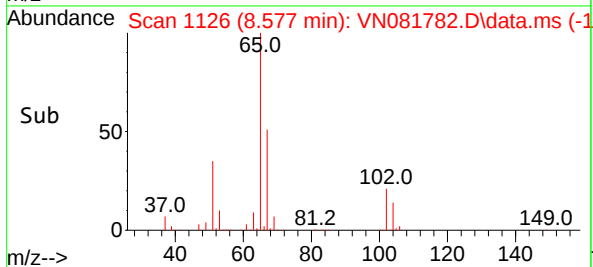
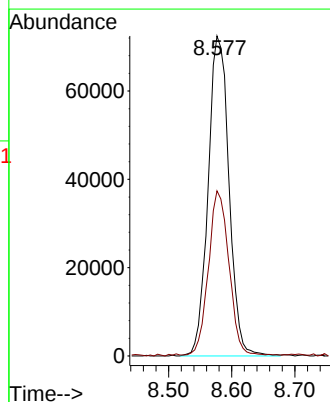
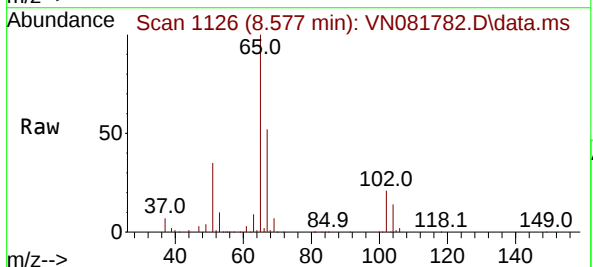
Instrument :
MSVOA_N
ClientSampleId :
IBLK

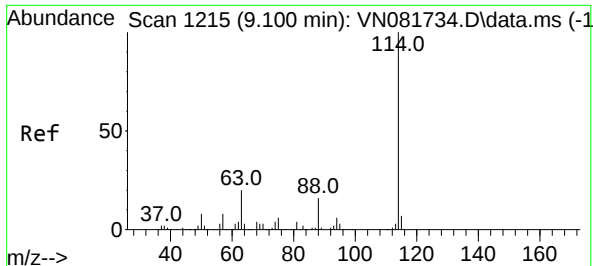
Tgt Ion:168 Resp: 235327
Ion Ratio Lower Upper
168 100
99 62.6 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 50.276 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081782.D
Acq: 18 Apr 2024 13:06

Tgt Ion: 65 Resp: 166487
Ion Ratio Lower Upper
65 100
67 50.2 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: VN081782.D

Acq: 18 Apr 2024 13:06

Instrument :

MSVOA_N

ClientSampleId :

IBLK

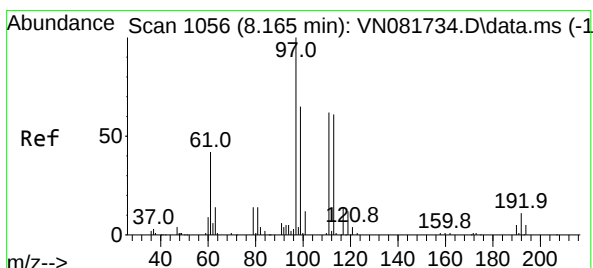
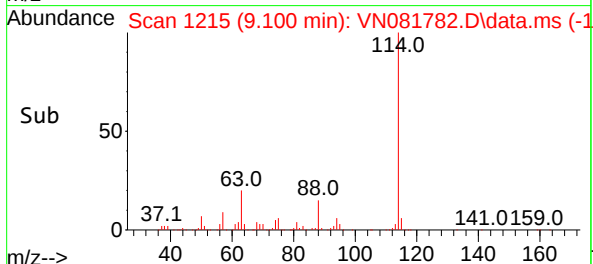
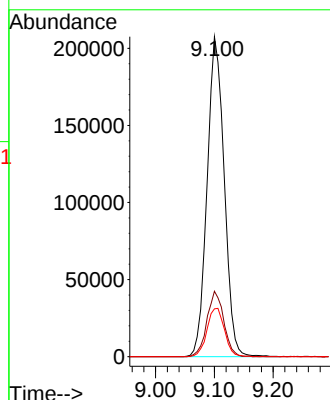
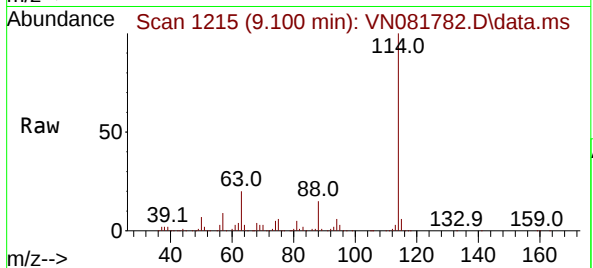
Tgt Ion:114 Resp: 420879

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.0

88 14.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.577 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081782.D

Acq: 18 Apr 2024 13:06

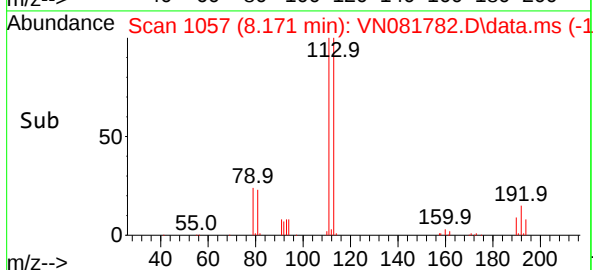
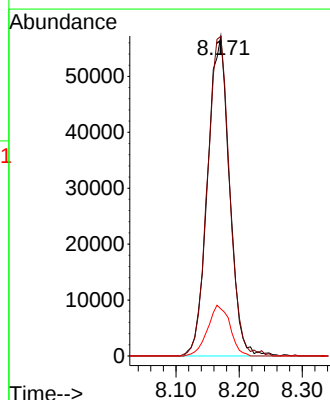
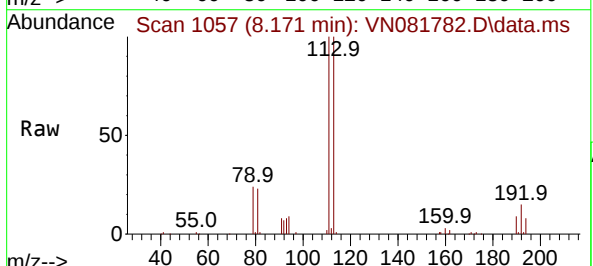
Tgt Ion:113 Resp: 137788

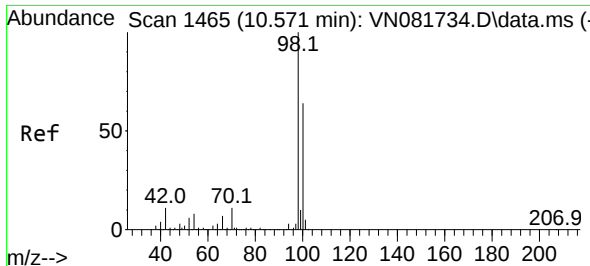
Ion Ratio Lower Upper

113 100

111 101.0 83.4 125.2

192 16.2 14.0 21.0

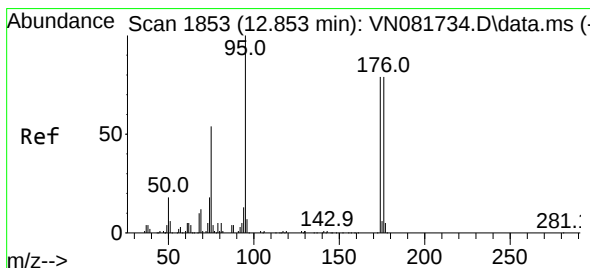
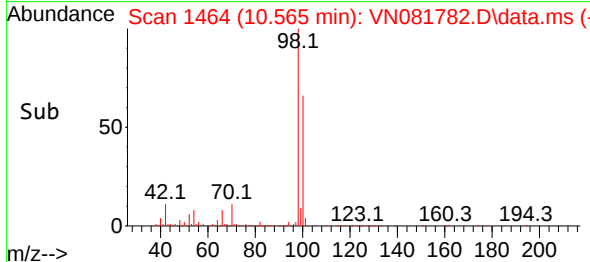
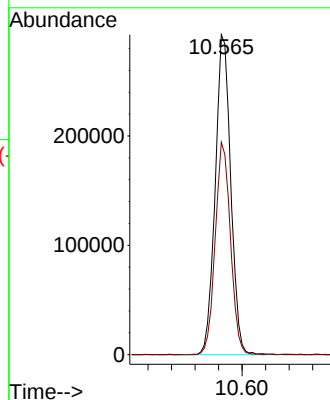
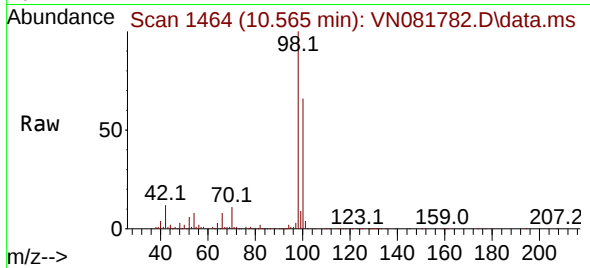




#50
Toluene-d8
Concen: 52.366 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081782.D
Acq: 18 Apr 2024 13:06

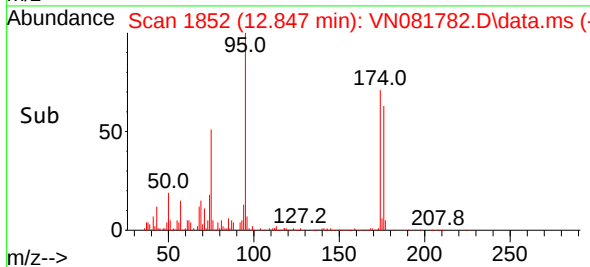
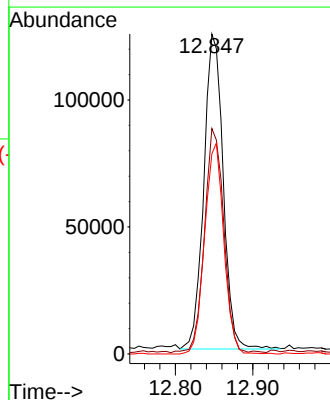
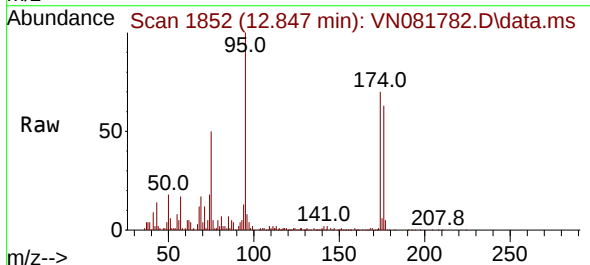
Instrument :
MSVOA_N
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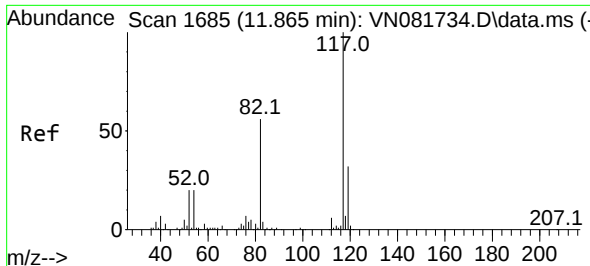
Tgt Ion: 98 Resp: 536163
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 61.537 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081782.D
Acq: 18 Apr 2024 13:06

Tgt Ion: 95 Resp: 215306
Ion Ratio Lower Upper
95 100
174 70.5 0.0 160.6
176 66.3 0.0 152.8

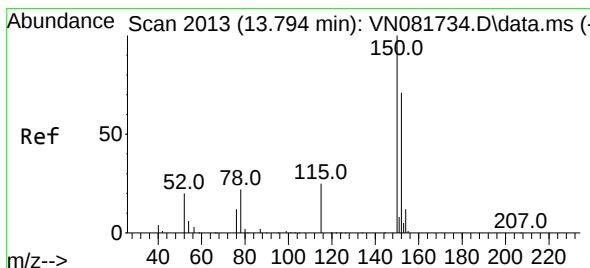
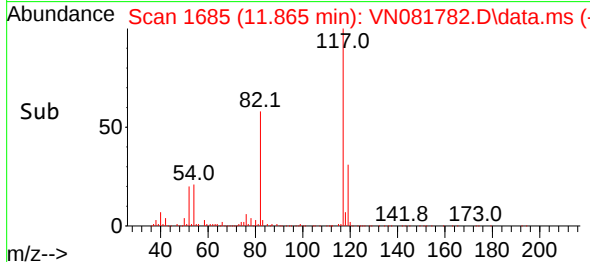
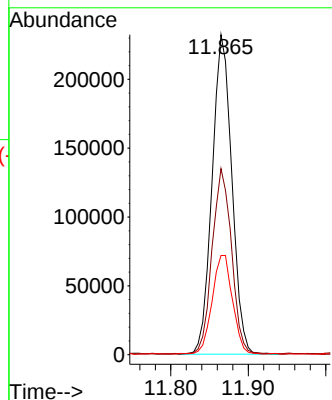
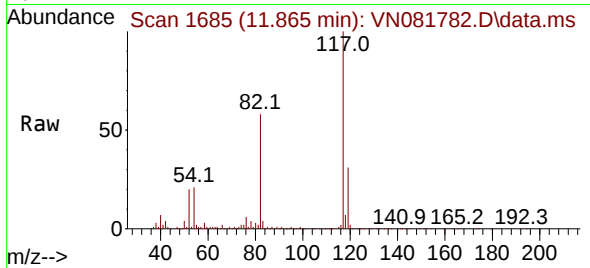




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081782.D
Acq: 18 Apr 2024 13:06

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 410671
Ion Ratio Lower Upper
117 100
82 58.1 44.6 66.8
119 30.8 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: VN081782.D
Acq: 18 Apr 2024 13:06

Tgt Ion:152 Resp: 196806
Ion Ratio Lower Upper
152 100
115 64.2 30.4 91.3
150 158.6 0.0 353.2

