

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040324\
 Data File : VN081659.D
 Acq On : 03 Apr 2024 13:54
 Operator : JC\MD
 Sample : VN0403MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0403MBL01

Quant Time: Apr 04 04:57:19 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	408516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	728214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	645524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	260441	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	257604	49.447	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.900%
35) Dibromofluoromethane	8.165	113	223424	48.615	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.240%
50) Toluene-d8	10.571	98	843457	50.770	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.540%
62) 4-Bromofluorobenzene	12.847	95	273770	46.768	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.540%

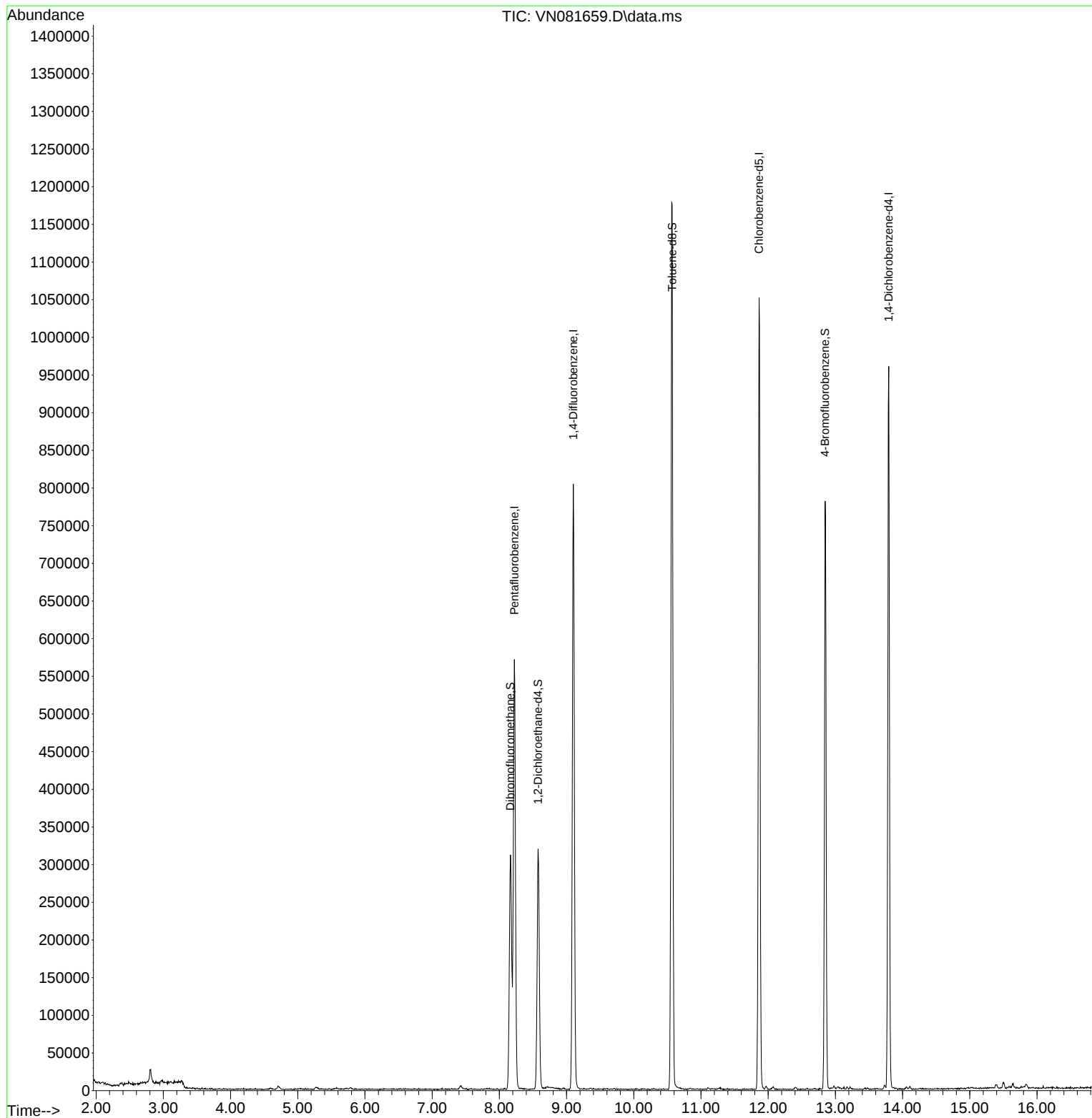
Target Compounds	Qvalue

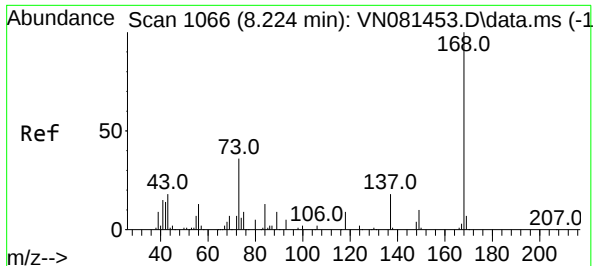
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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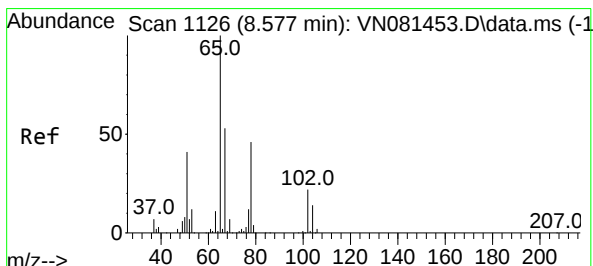
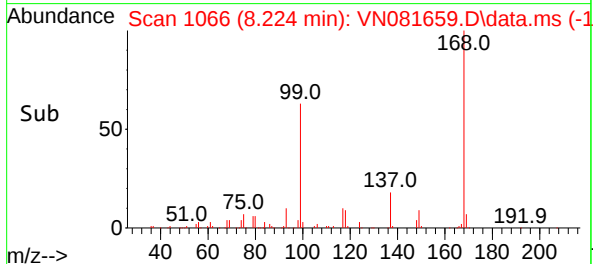
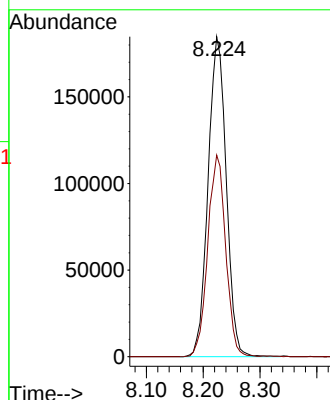
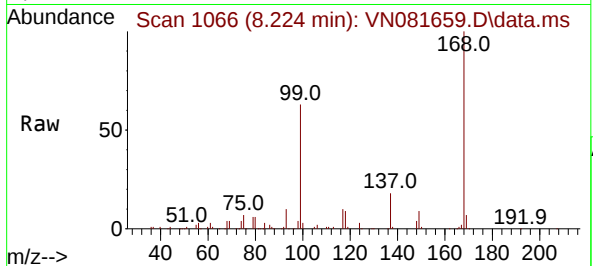




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081659.D
Acq: 03 Apr 2024 13:54

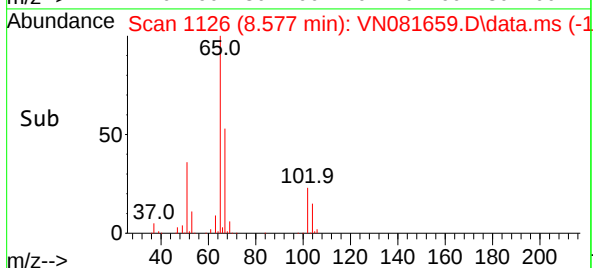
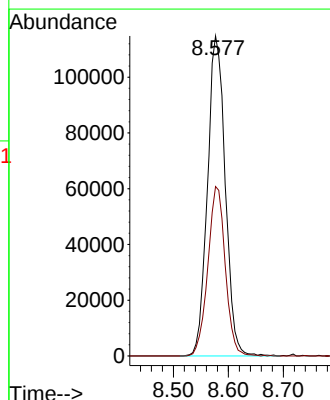
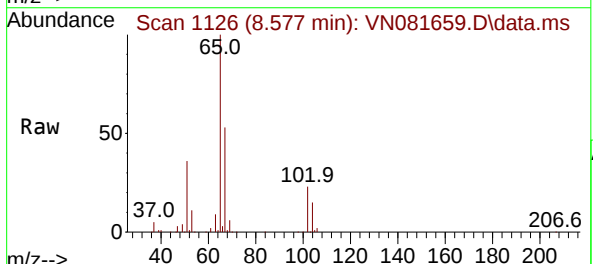
Instrument :
MSVOA_N
ClientSampleId :
VN0403MBL01

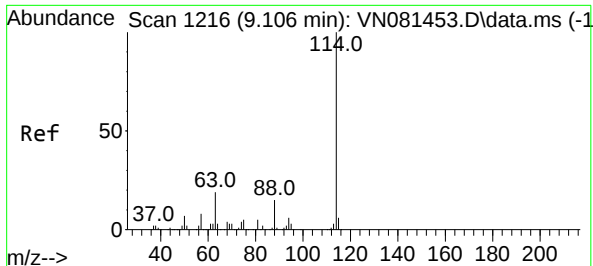
Tgt Ion:168 Resp: 408516
Ion Ratio Lower Upper
168 100
99 63.0 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 49.447 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081659.D
Acq: 03 Apr 2024 13:54

Tgt Ion: 65 Resp: 257604
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: VN081659.D

Acq: 03 Apr 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :

VN0403MBL01

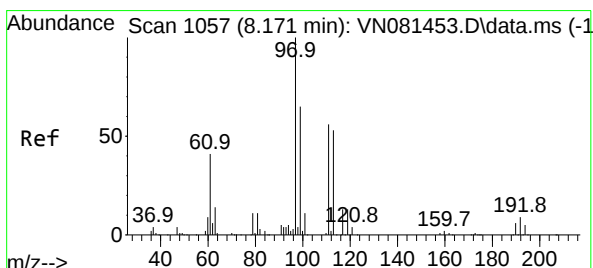
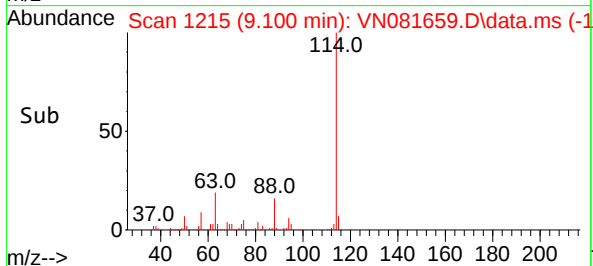
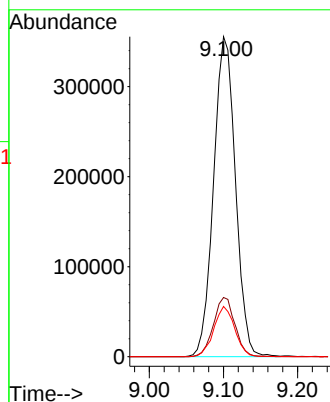
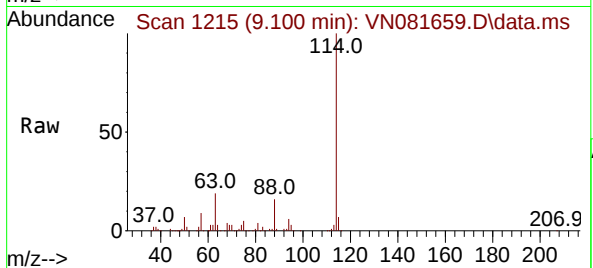
Tgt Ion:114 Resp: 728214

Ion Ratio Lower Upper

114 100

63 18.5 0.0 48.0

88 15.7 0.0 34.8



#35

Dibromofluoromethane

Concen: 48.615 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081659.D

Acq: 03 Apr 2024 13:54

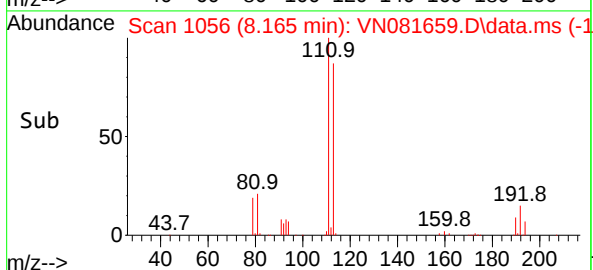
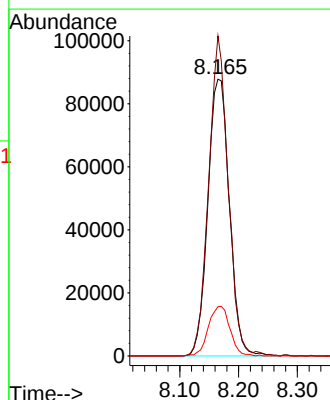
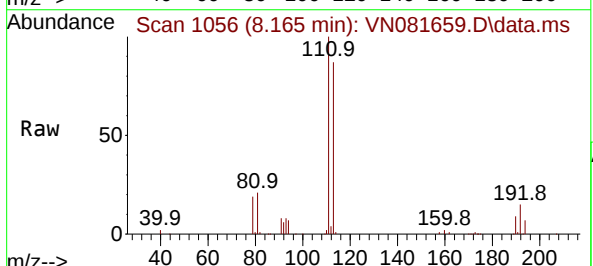
Tgt Ion:113 Resp: 223424

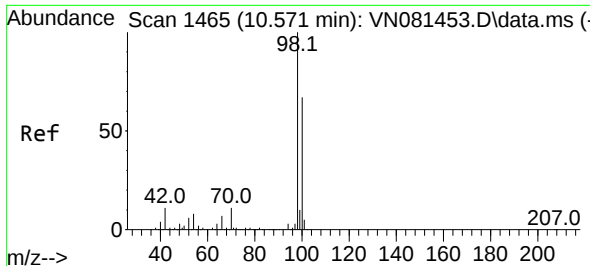
Ion Ratio Lower Upper

113 100

111 105.1 82.2 123.4

192 17.9 12.5 18.7

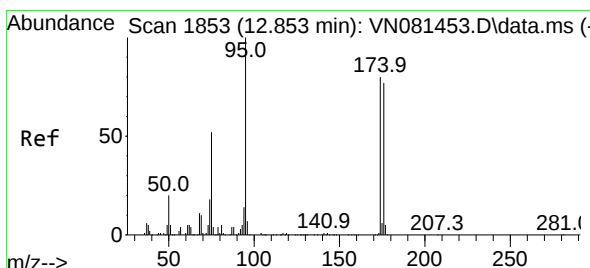
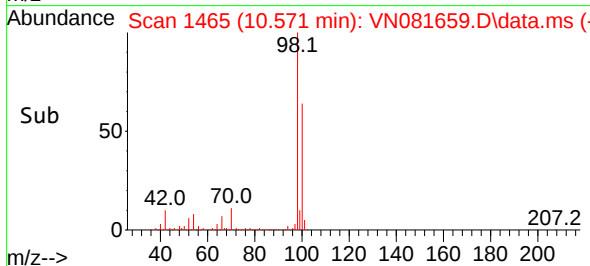
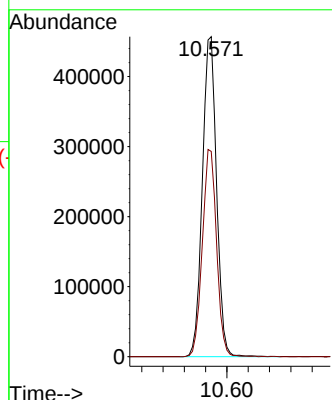
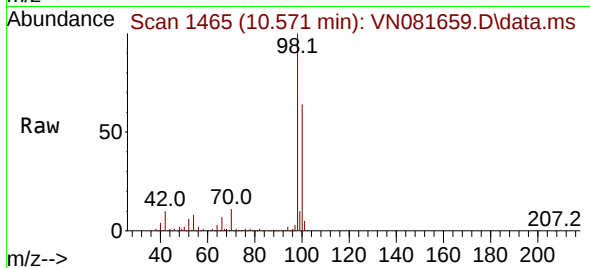




#50
Toluene-d8
Concen: 50.770 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081659.D
Acq: 03 Apr 2024 13:54

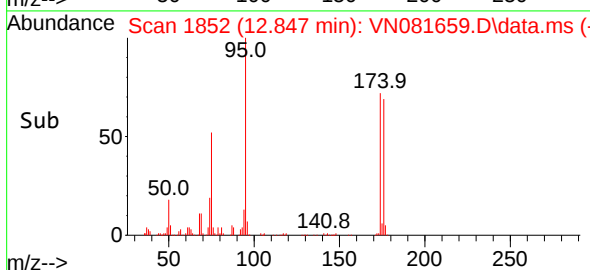
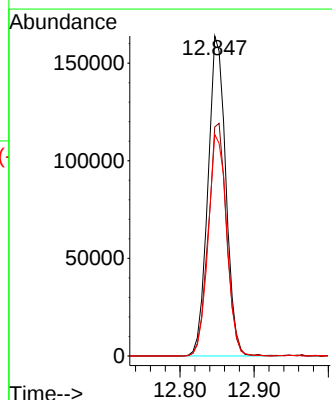
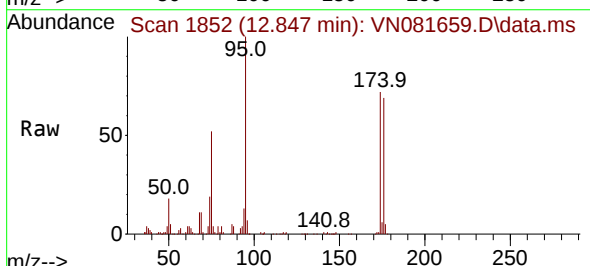
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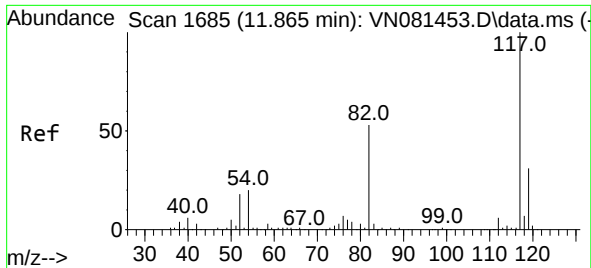
Tgt Ion: 98 Resp: 843457
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.768 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081659.D
Acq: 03 Apr 2024 13:54

Tgt Ion: 95 Resp: 273770
Ion Ratio Lower Upper
95 100
174 74.7 0.0 120.4
176 71.9 0.0 121.0

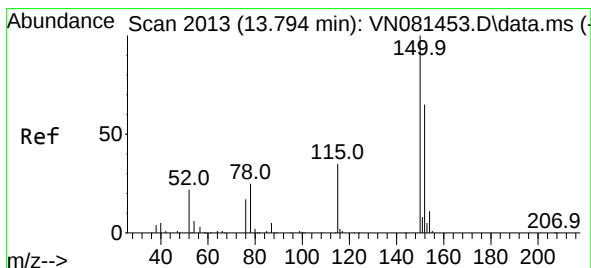
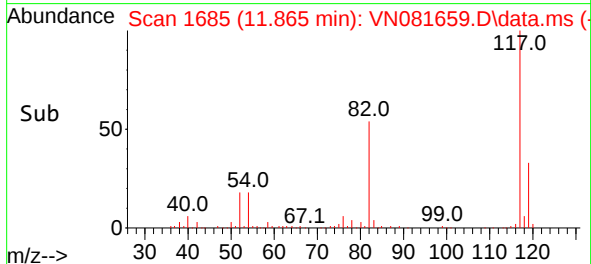
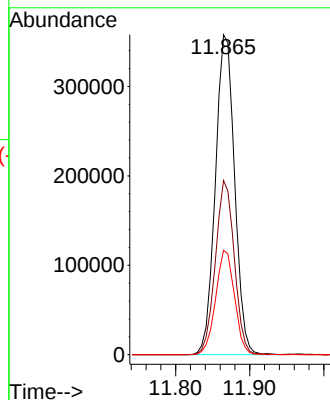
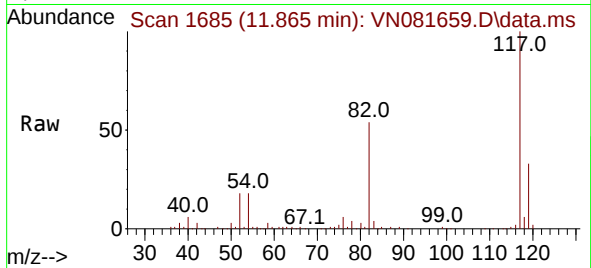




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081659.D
Acq: 03 Apr 2024 13:54

Instrument :
MSVOA_N
ClientSampleId :
VN0403MBL01

Tgt Ion:117 Resp: 645524
Ion Ratio Lower Upper
117 100
82 54.5 52.7 79.1
119 32.7 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: VN081659.D
Acq: 03 Apr 2024 13:54

Tgt Ion:152 Resp: 260441
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 157.3 0.0 339.8

