

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041824\
 Data File : VN081777.D
 Acq On : 18 Apr 2024 10:55
 Operator : JC\MD
 Sample : VN0418MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0418MBL01

Quant Time: Apr 19 01:19:11 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	175982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	312277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	290381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	137760	55.630	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.260%	
35) Dibromofluoromethane	8.165	113	109367	53.037	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.080%	
50) Toluene-d8	10.565	98	387325	50.986	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.980%	
62) 4-Bromofluorobenzene	12.847	95	124062	47.790	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 95.580%	

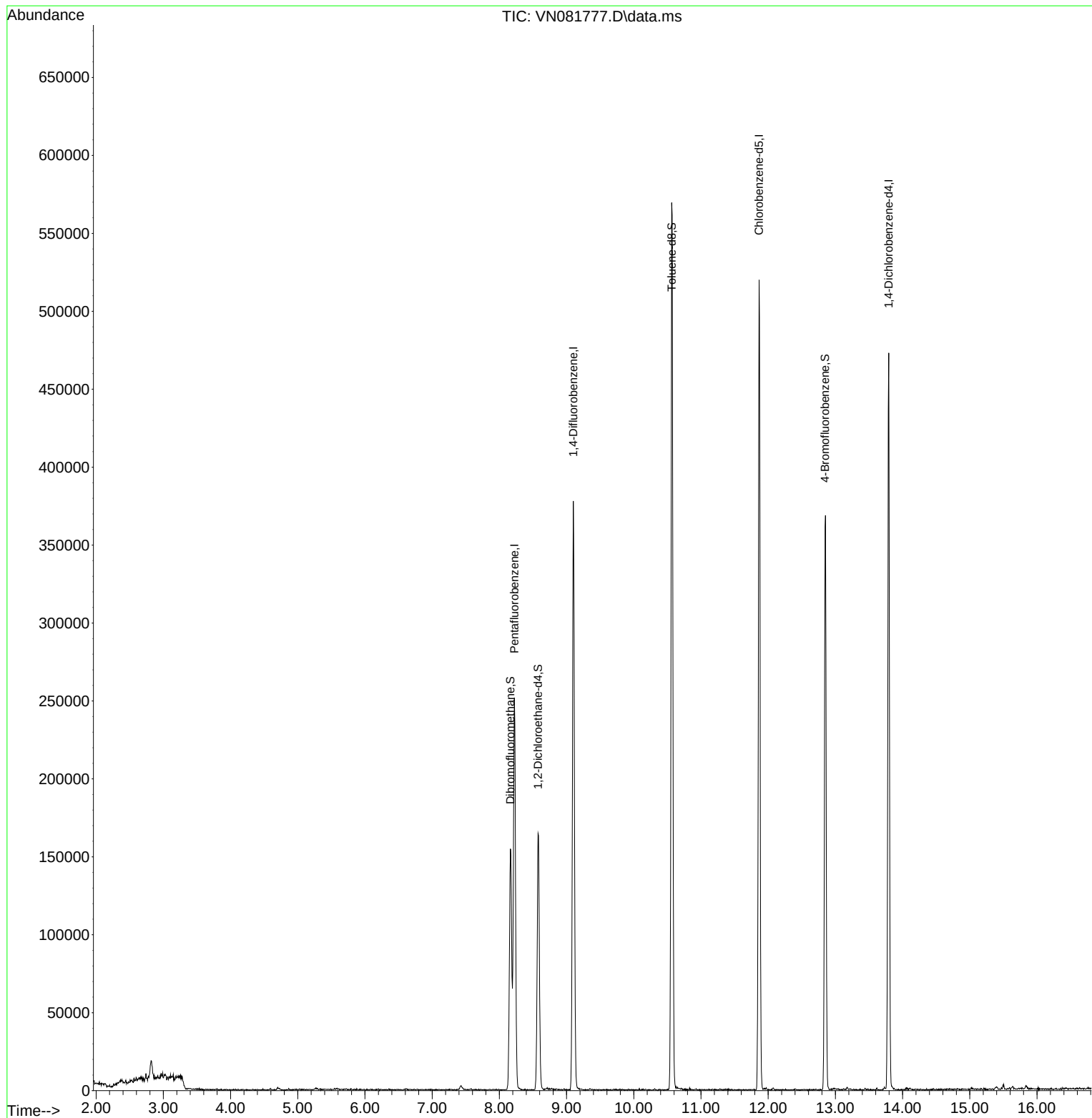
Target Compounds	Qvalue

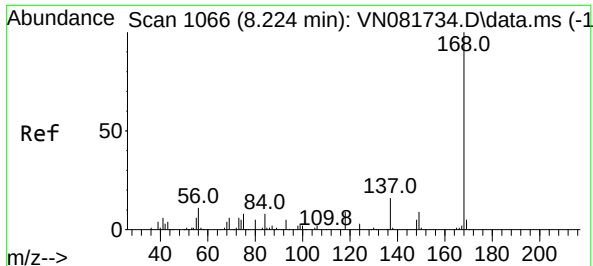
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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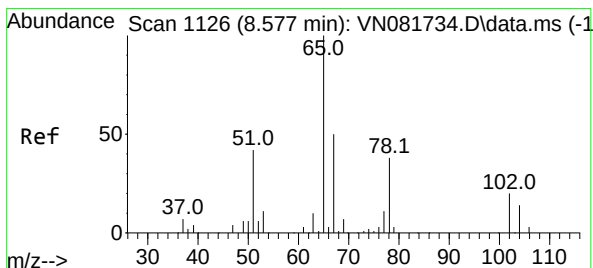
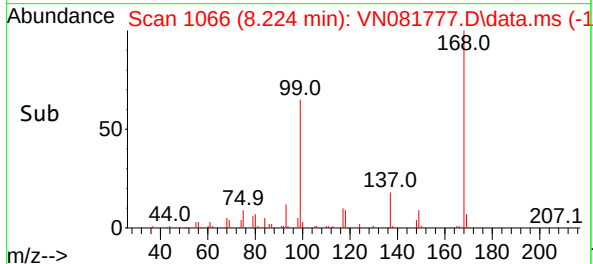
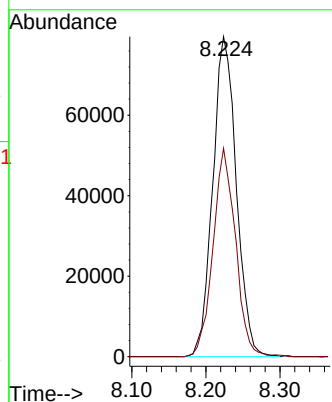
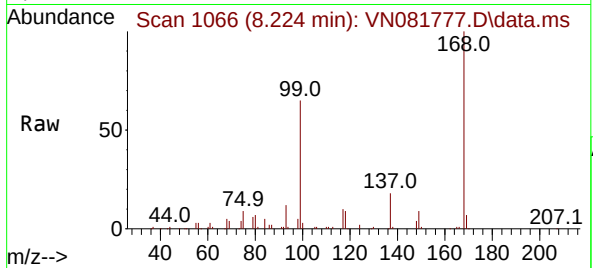




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081777.D
Acq: 18 Apr 2024 10:55

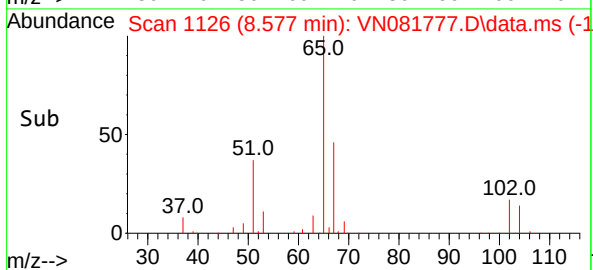
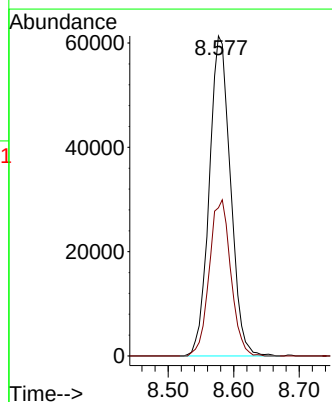
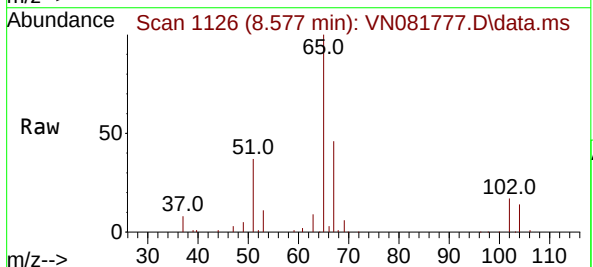
Instrument :
MSVOA_N
ClientSampleId :
VN0418MBL01

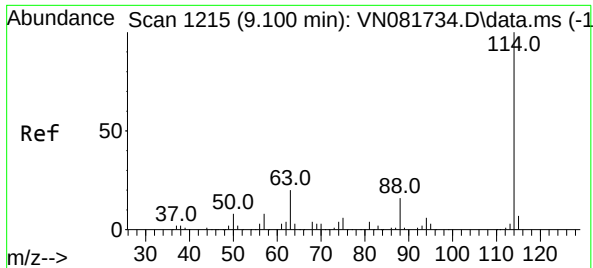
Tgt Ion:168 Resp: 175982
Ion Ratio Lower Upper
168 100
99 65.1 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 55.630 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081777.D
Acq: 18 Apr 2024 10:55

Tgt Ion: 65 Resp: 137760
Ion Ratio Lower Upper
65 100
67 49.4 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: VN081777.D

Acq: 18 Apr 2024 10:55

Instrument :

MSVOA_N

ClientSampleId :

VN0418MBL01

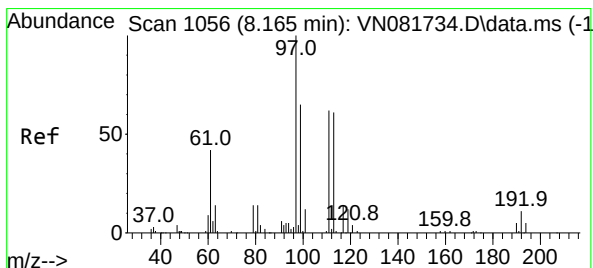
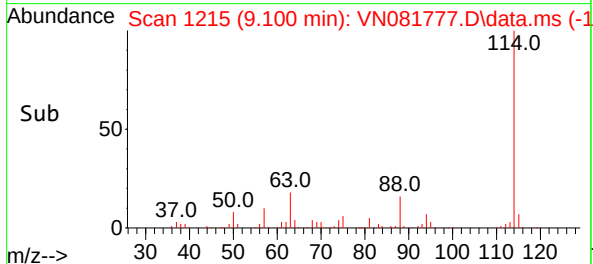
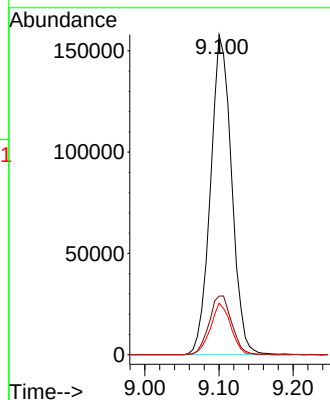
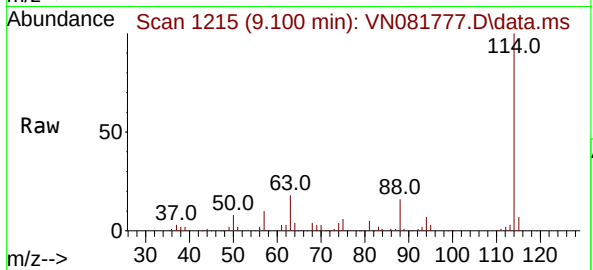
Tgt Ion:114 Resp: 312277

Ion Ratio Lower Upper

114 100

63 18.3 0.0 41.0

88 16.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.037 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081777.D

Acq: 18 Apr 2024 10:55

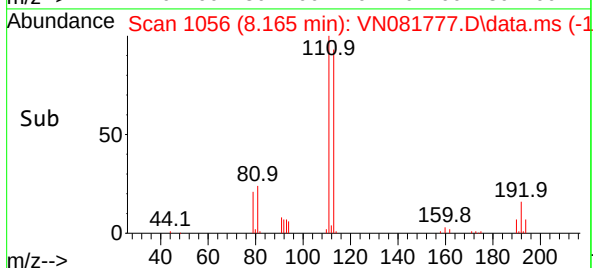
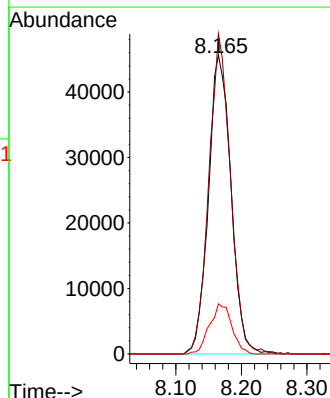
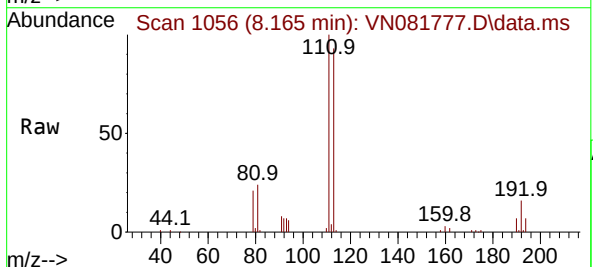
Tgt Ion:113 Resp: 109367

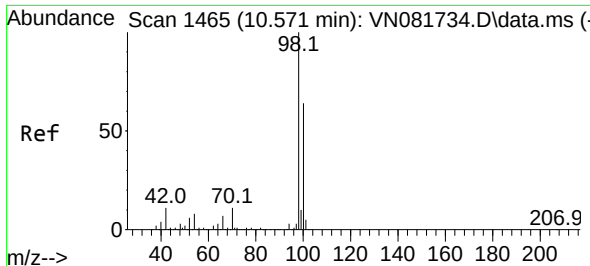
Ion Ratio Lower Upper

113 100

111 102.0 83.4 125.2

192 16.5 14.0 21.0

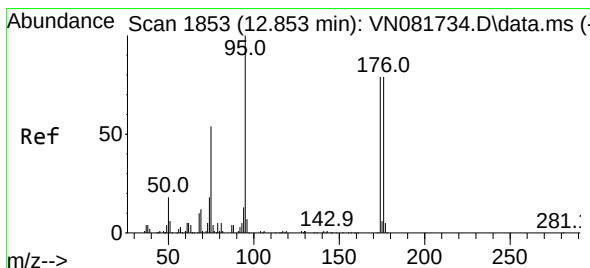
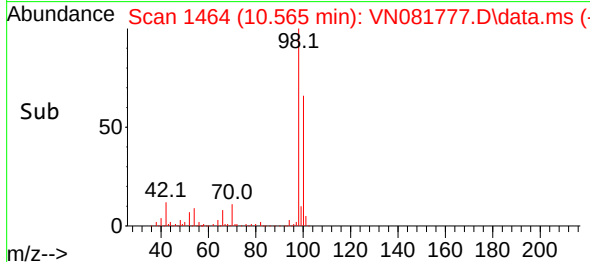
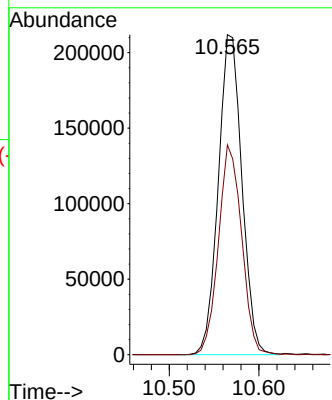
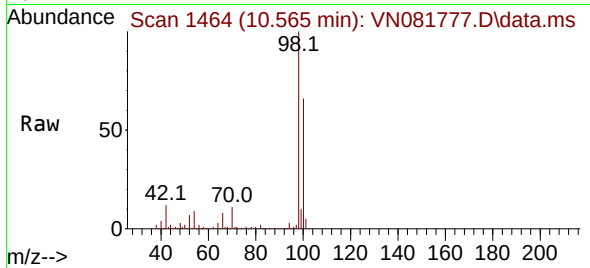




#50
Toluene-d8
Concen: 50.986 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081777.D
Acq: 18 Apr 2024 10:55

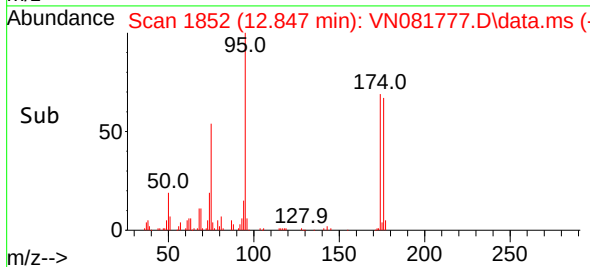
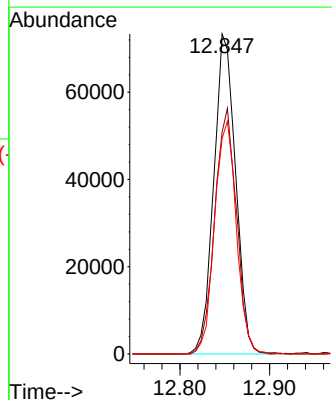
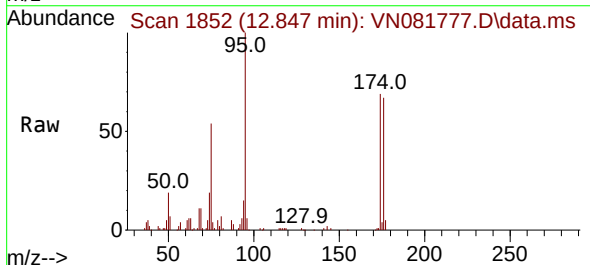
Instrument :
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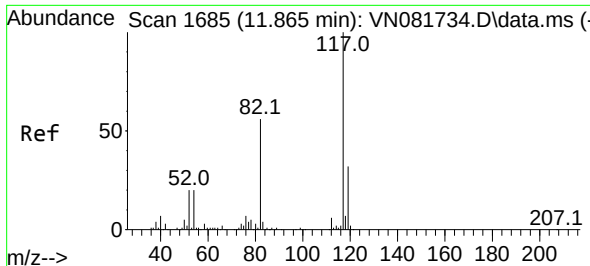
Tgt Ion: 98 Resp: 387325
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.790 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081777.D
Acq: 18 Apr 2024 10:55

Tgt Ion: 95 Resp: 124062
Ion Ratio Lower Upper
95 100
174 76.6 0.0 160.6
176 72.6 0.0 152.8

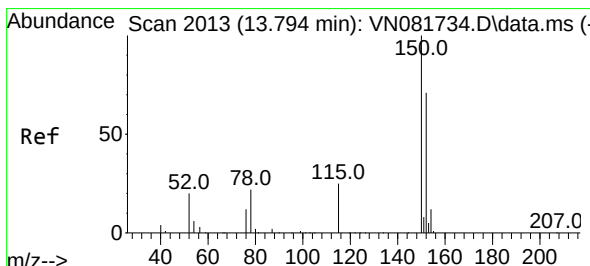
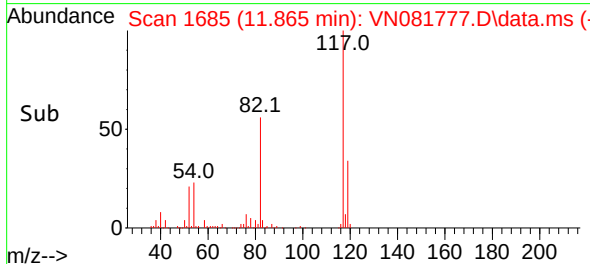
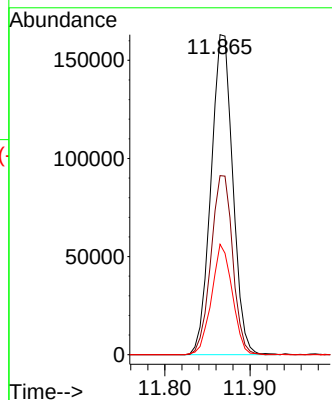
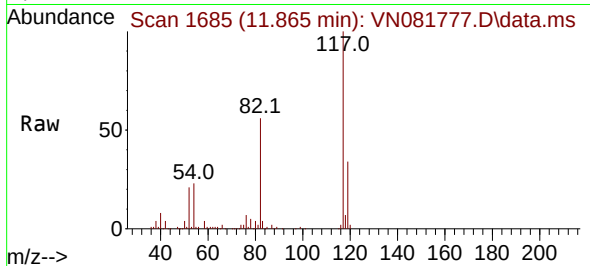




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081777.D
Acq: 18 Apr 2024 10:55

Instrument :
MSVOA_N
ClientSampleId :
VN0418MBL01

Tgt Ion:117 Resp: 290381
Ion Ratio Lower Upper
117 100
82 55.9 44.6 66.8
119 34.5 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: VN081777.D
Acq: 18 Apr 2024 10:55

Tgt Ion:152 Resp: 118860
Ion Ratio Lower Upper
152 100
115 61.2 30.4 91.3
150 162.3 0.0 353.2

