

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043024\
 Data File : VN081921.D
 Acq On : 30 Apr 2024 10:57
 Operator : JC\MD
 Sample : VN0430WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBL01

Quant Time: May 01 00:49:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	230457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	447532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	387810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	169632	43.613	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.220%
35) Dibromofluoromethane	8.171	113	131096	48.653	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.300%
50) Toluene-d8	10.565	98	547532	51.739	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.480%
62) 4-Bromofluorobenzene	12.853	95	184105	44.009	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	88.020%

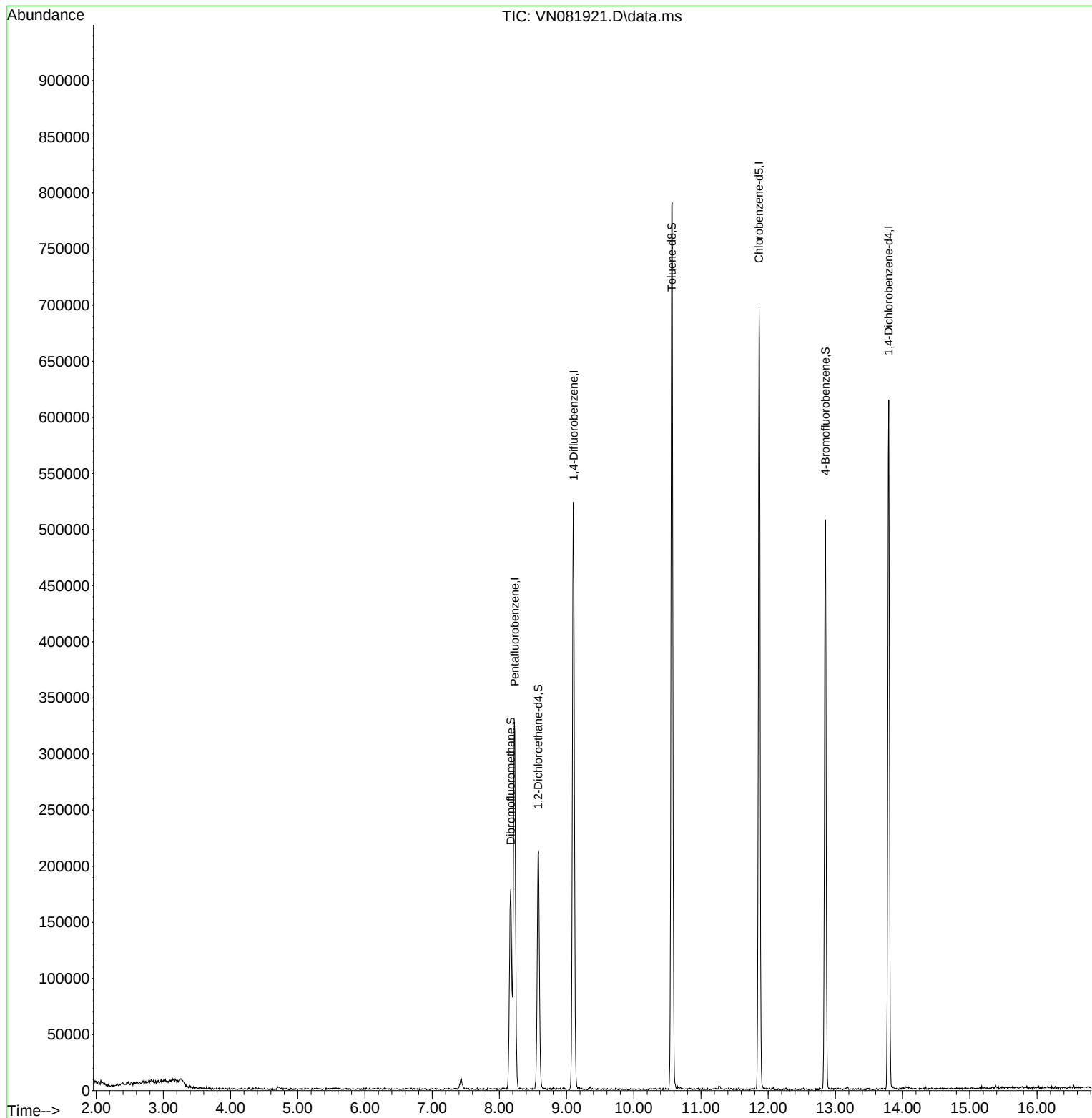
Target Compounds	Qvalue

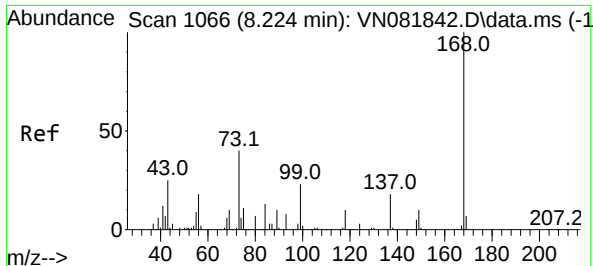
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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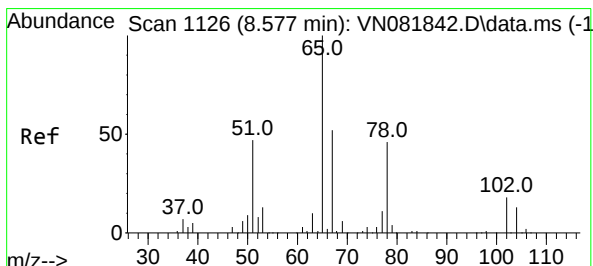
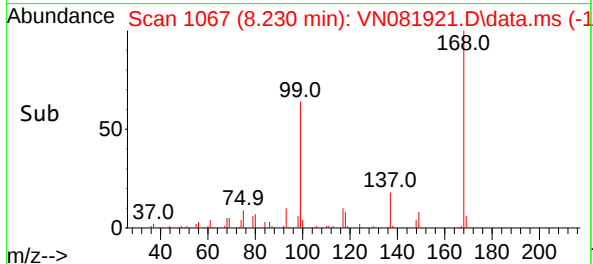
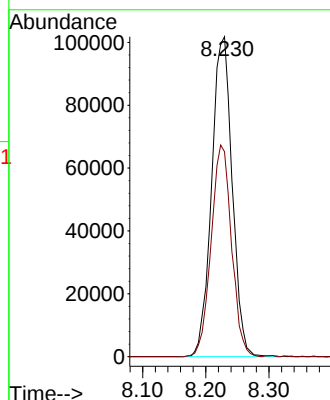
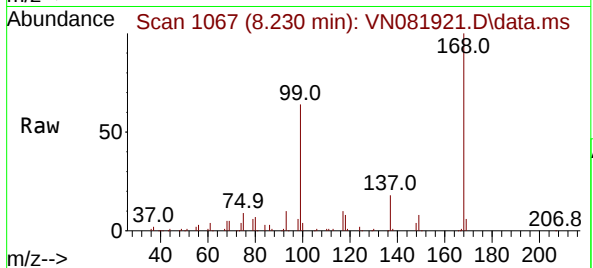




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN081921.D
Acq: 30 Apr 2024 10:57

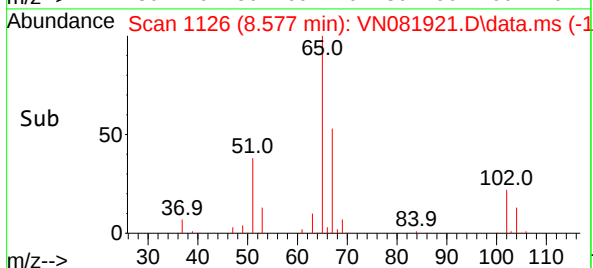
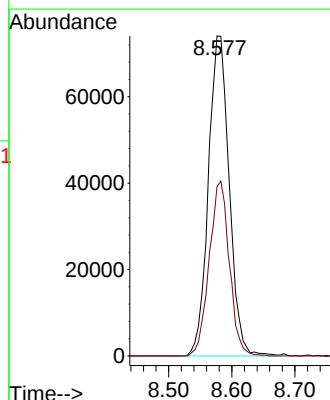
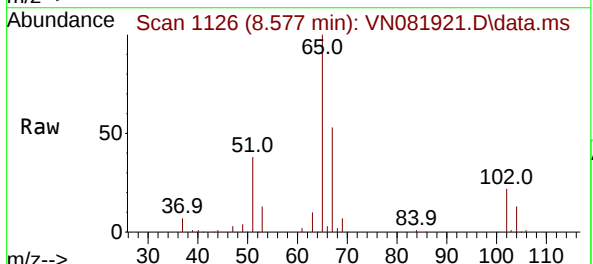
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBL01

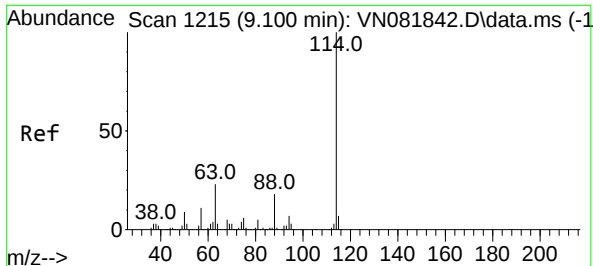
Tgt Ion:168 Resp: 230457
Ion Ratio Lower Upper
168 100
99 64.0 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 43.613 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081921.D
Acq: 30 Apr 2024 10:57

Tgt Ion: 65 Resp: 169632
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081921.D

Acq: 30 Apr 2024 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0430WBL01

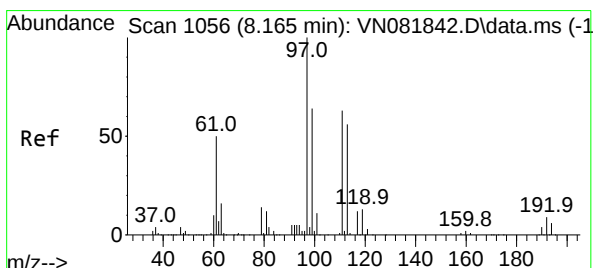
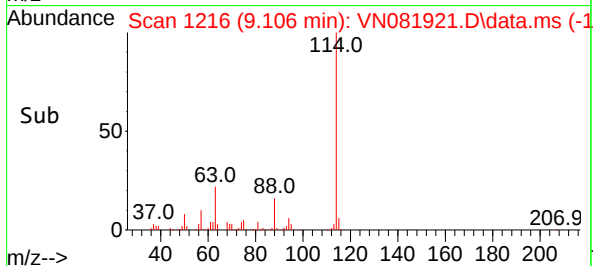
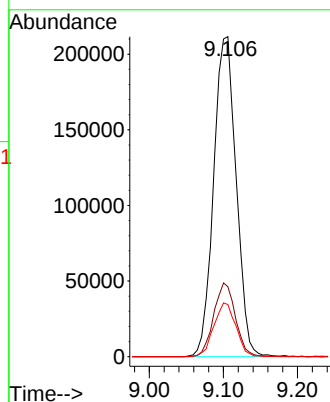
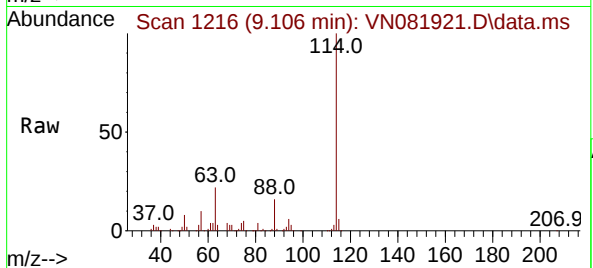
Tgt Ion:114 Resp: 447532

Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.0

88 16.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.653 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081921.D

Acq: 30 Apr 2024 10:57

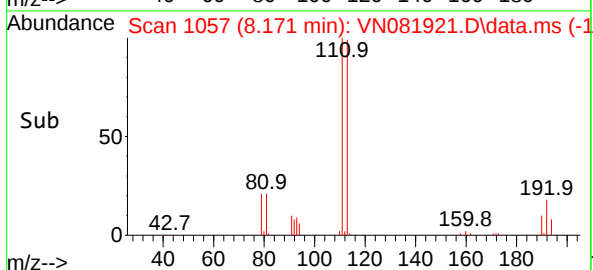
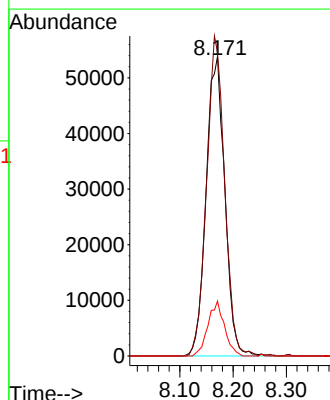
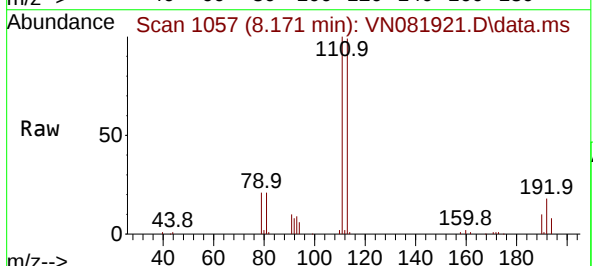
Tgt Ion:113 Resp: 131096

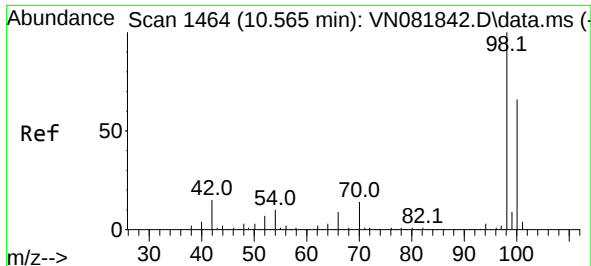
Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.2

192 16.2 14.0 21.0

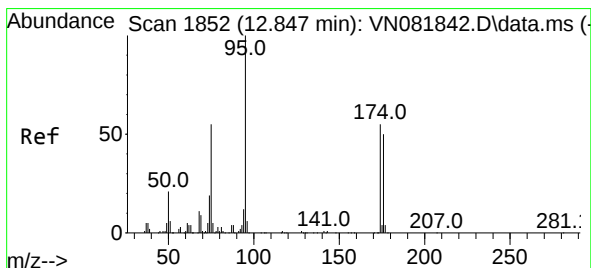
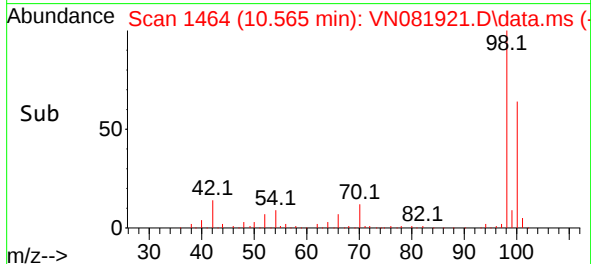
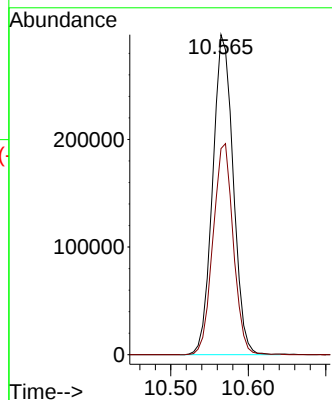
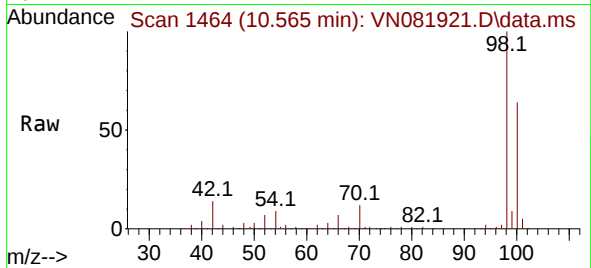




#50
Toluene-d8
Concen: 51.739 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN081921.D
Acq: 30 Apr 2024 10:57

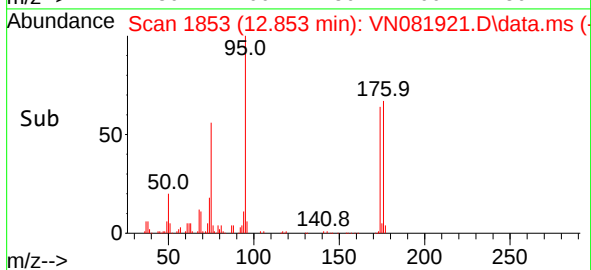
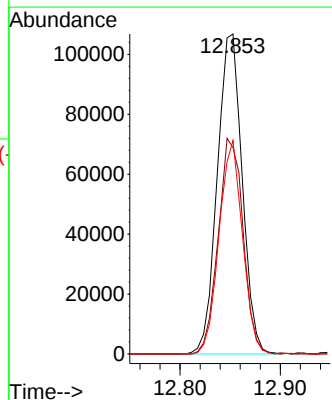
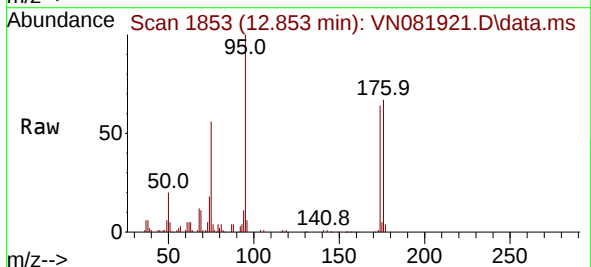
Instrument :
MSVOA_N
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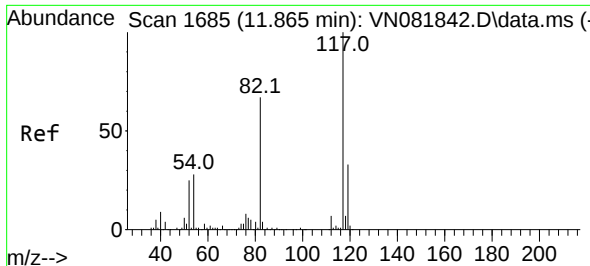
Tgt Ion: 98 Resp: 547532
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 44.009 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081921.D
Acq: 30 Apr 2024 10:57

Tgt Ion: 95 Resp: 184105
Ion Ratio Lower Upper
95 100
174 67.3 0.0 160.6
176 62.7 0.0 152.8

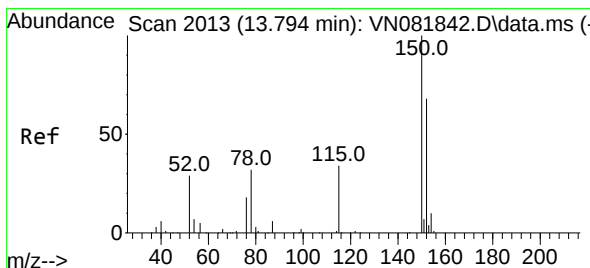
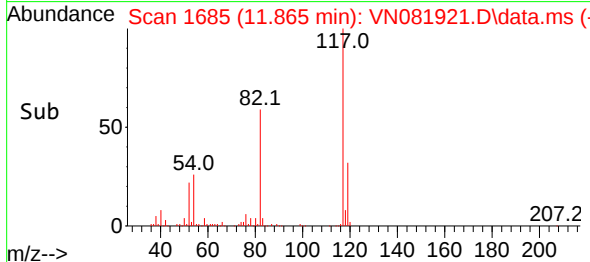
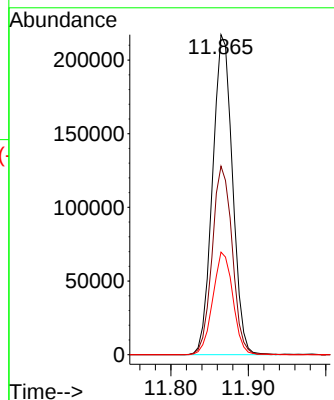
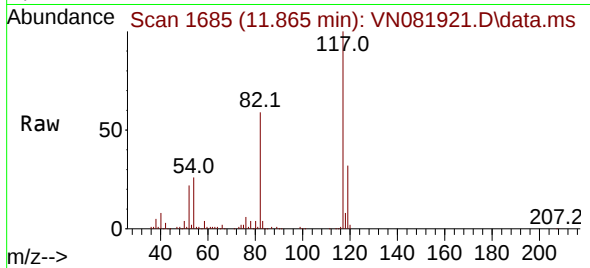




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN081921.D
Acq: 30 Apr 2024 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBL01

Tgt Ion:117 Resp: 387810
Ion Ratio Lower Upper
117 100
82 58.9 44.6 66.8
119 32.1 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: VN081921.D
Acq: 30 Apr 2024 10:57

Tgt Ion:152 Resp: 153543
Ion Ratio Lower Upper
152 100
115 63.0 30.4 91.3
150 158.4 0.0 353.2

