

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043024\
 Data File : VN081920.D
 Acq On : 30 Apr 2024 10:33
 Operator : JC\MD
 Sample : VN0430MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430MBL01

Quant Time: May 01 00:49:25 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	8.224	168	201119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	381780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	330699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133604	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	145882	42.978	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.960%
35) Dibromofluoromethane	8.171	113	110498	48.071	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.140%
50) Toluene-d8	10.565	98	466765	51.703	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.400%
62) 4-Bromofluorobenzene	12.847	95	158166	44.320	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	88.640%

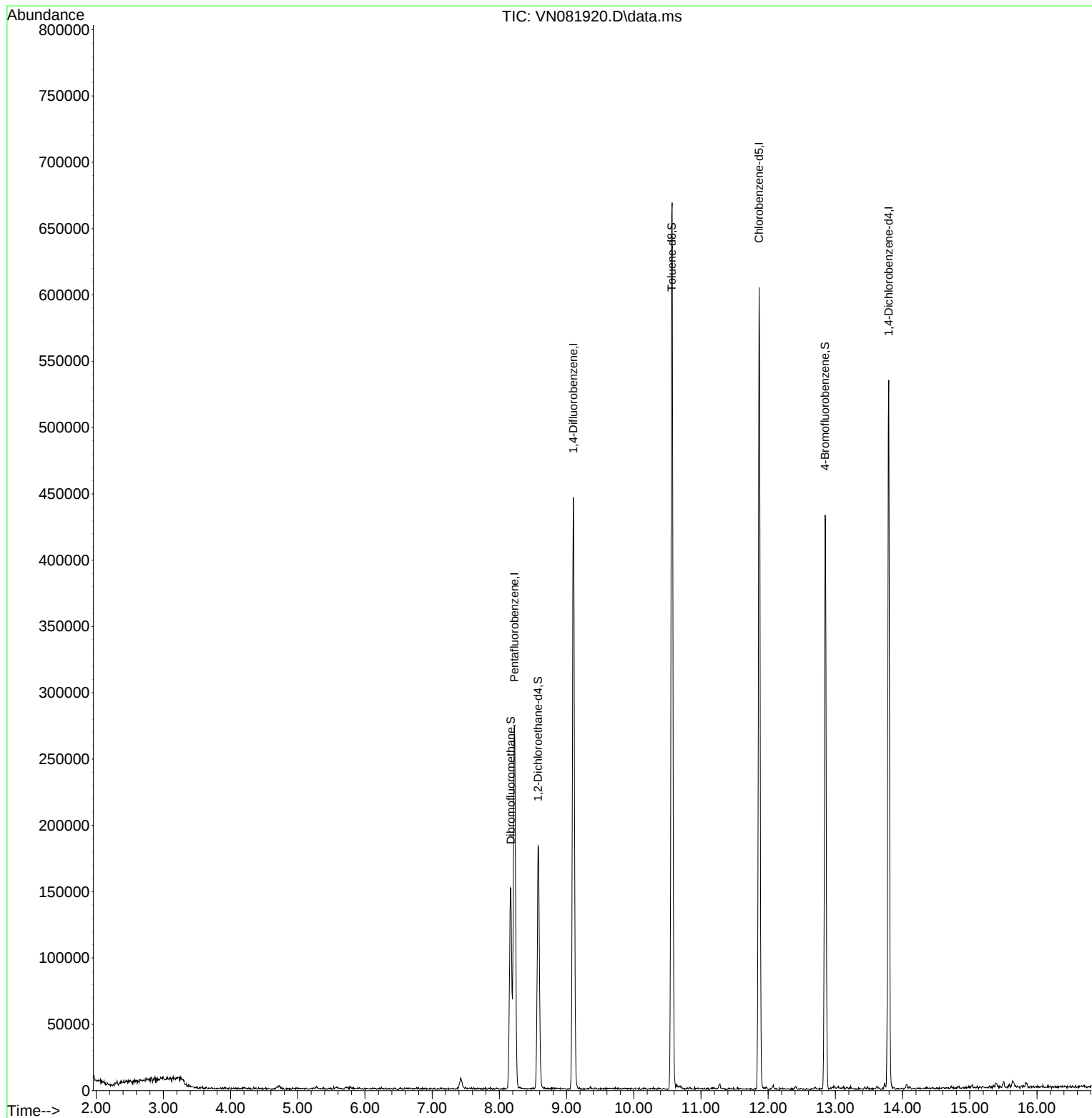
Target Compounds	Qvalue

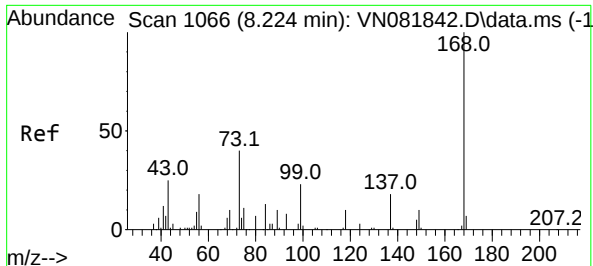
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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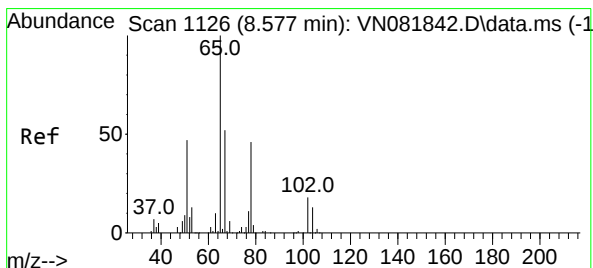
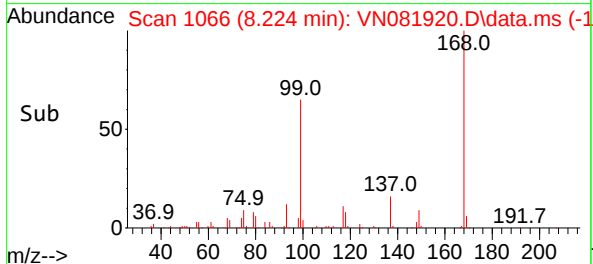
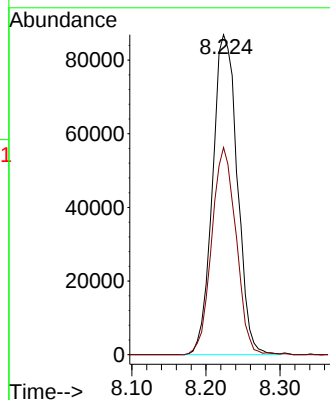
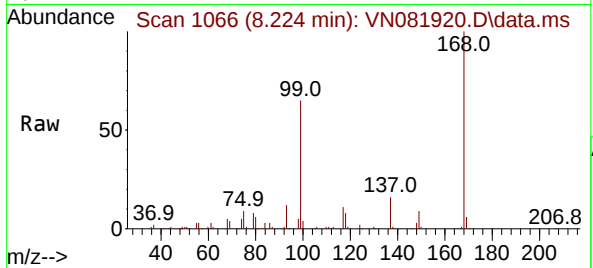




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081920.D
Acq: 30 Apr 2024 10:33

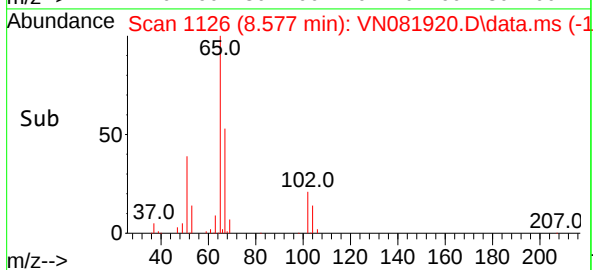
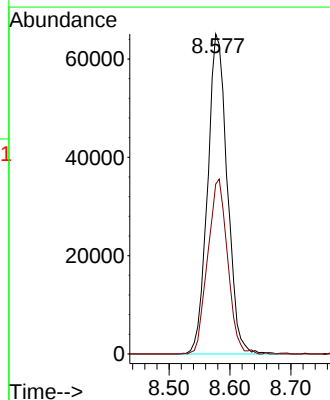
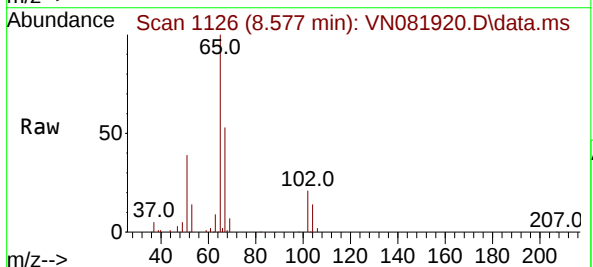
Instrument :
MSVOA_N
ClientSampleId :
VN0430MBL01

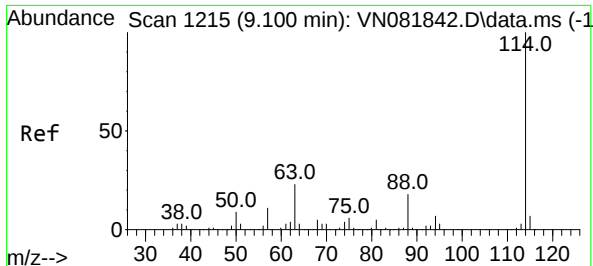
Tgt Ion:168 Resp: 201119
Ion Ratio Lower Upper
168 100
99 64.7 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 42.978 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081920.D
Acq: 30 Apr 2024 10:33

Tgt Ion: 65 Resp: 145882
Ion Ratio Lower Upper
65 100
67 55.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081920.D

Acq: 30 Apr 2024 10:33

Instrument :

MSVOA_N

ClientSampleId :

VN0430MBL01

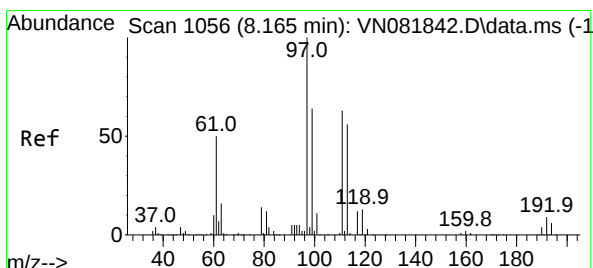
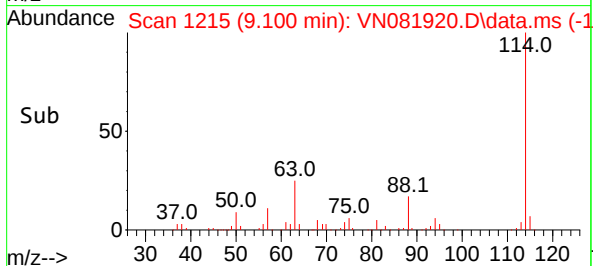
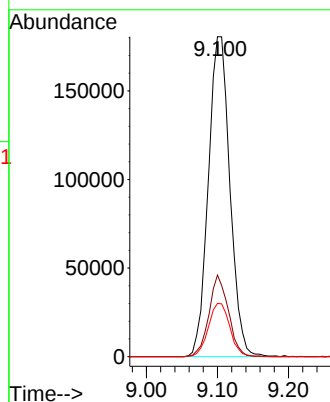
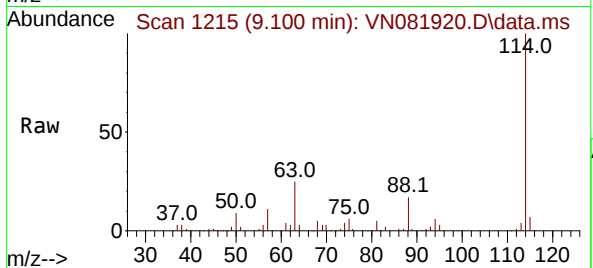
Tgt Ion:114 Resp: 381780

Ion Ratio Lower Upper

114 100

63 25.5 0.0 41.0

88 16.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.071 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081920.D

Acq: 30 Apr 2024 10:33

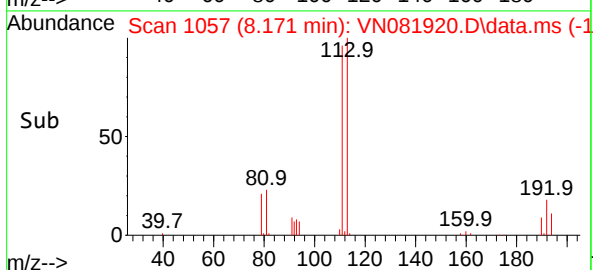
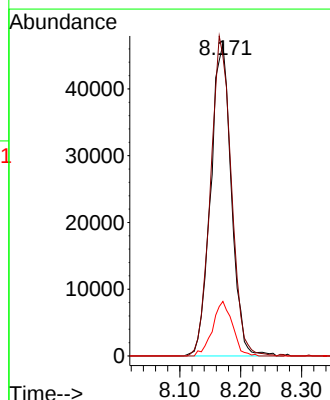
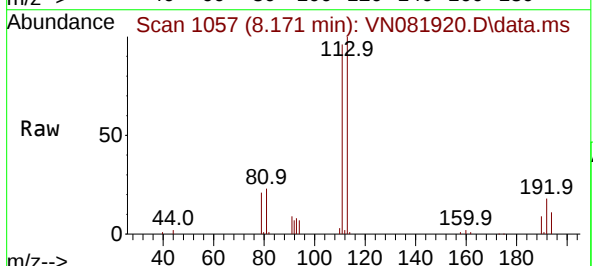
Tgt Ion:113 Resp: 110498

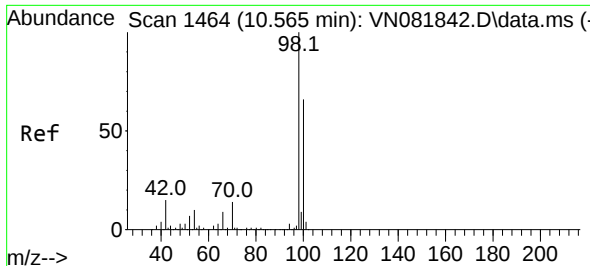
Ion Ratio Lower Upper

113 100

111 102.7 83.4 125.2

192 16.8 14.0 21.0

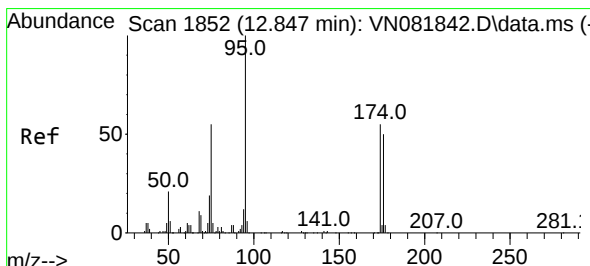
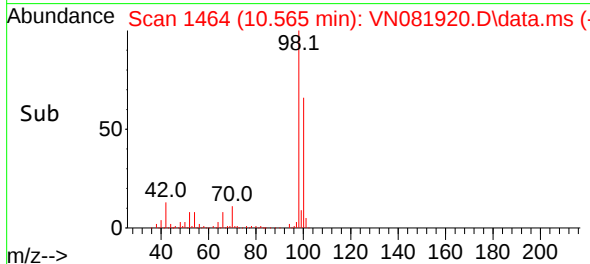
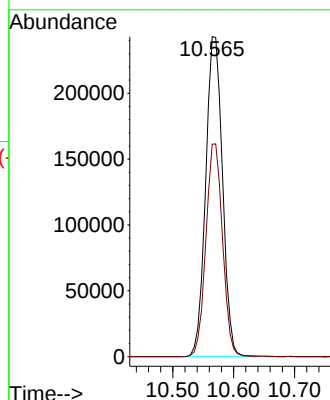
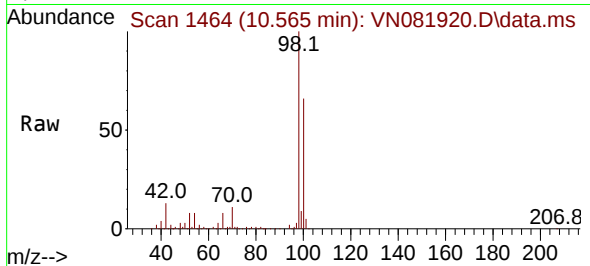




#50
Toluene-d8
Concen: 51.703 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN081920.D
Acq: 30 Apr 2024 10:33

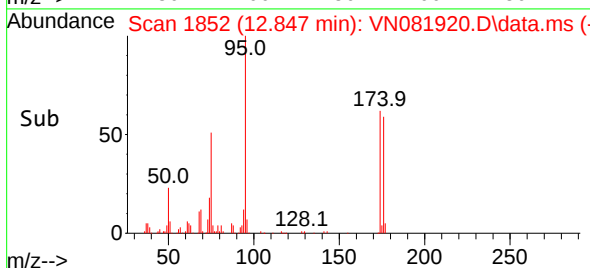
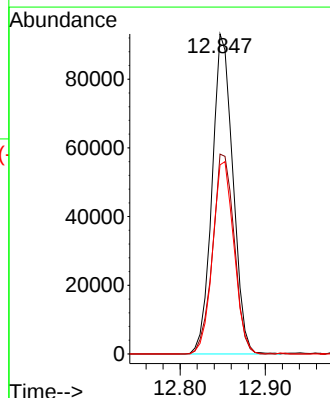
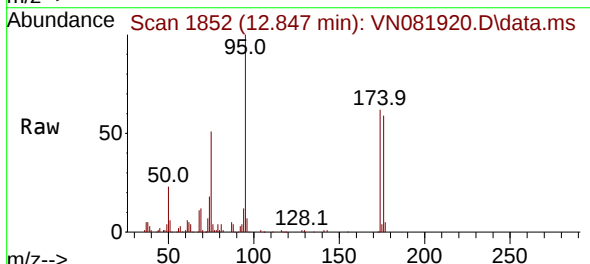
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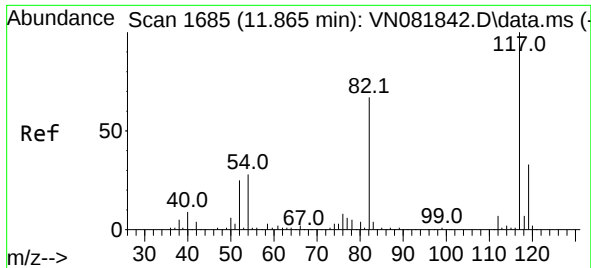
Tgt Ion: 98 Resp: 466765
Ion Ratio Lower Upper
98 100
100 65.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 44.320 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081920.D
Acq: 30 Apr 2024 10:33

Tgt Ion: 95 Resp: 158166
Ion Ratio Lower Upper
95 100
174 64.8 0.0 160.6
176 61.8 0.0 152.8

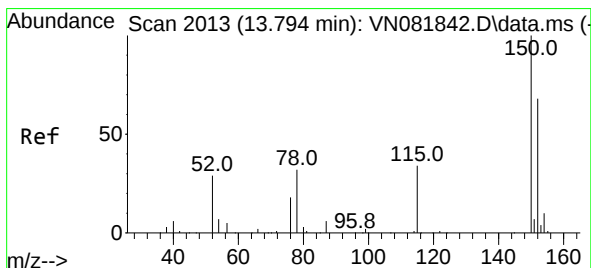
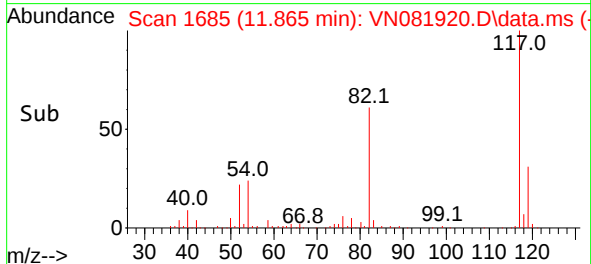
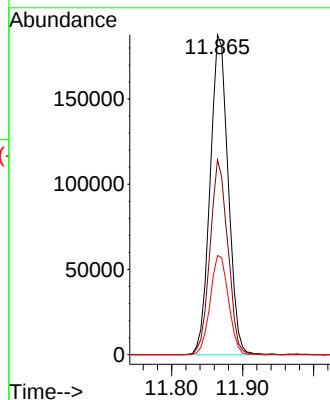
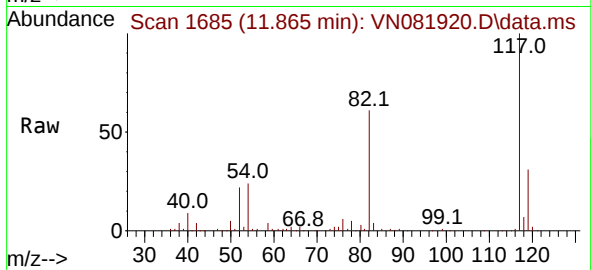




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081920.D
Acq: 30 Apr 2024 10:33

Instrument :
MSVOA_N
ClientSampleId :
VN0430MBL01

Tgt Ion:117 Resp: 330699
Ion Ratio Lower Upper
117 100
82 60.9 44.6 66.8
119 31.0 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: VN081920.D
Acq: 30 Apr 2024 10:33

Tgt Ion:152 Resp: 133604
Ion Ratio Lower Upper
152 100
115 62.5 30.4 91.3
150 155.6 0.0 353.2

