

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020724\
 Data File : VN080930.D
 Acq On : 07 Feb 2024 10:41
 Operator : JC\MD
 Sample : VN0207WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0207WBL01

Quant Time: Feb 08 00:22:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	304524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	654373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	739464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	317052	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	201488	52.449	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.900%
35) Dibromofluoromethane	8.165	113	186732	53.179	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.360%
50) Toluene-d8	10.571	98	702673	55.324	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.640%
62) 4-Bromofluorobenzene	12.853	95	297863	64.557	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	129.120%#

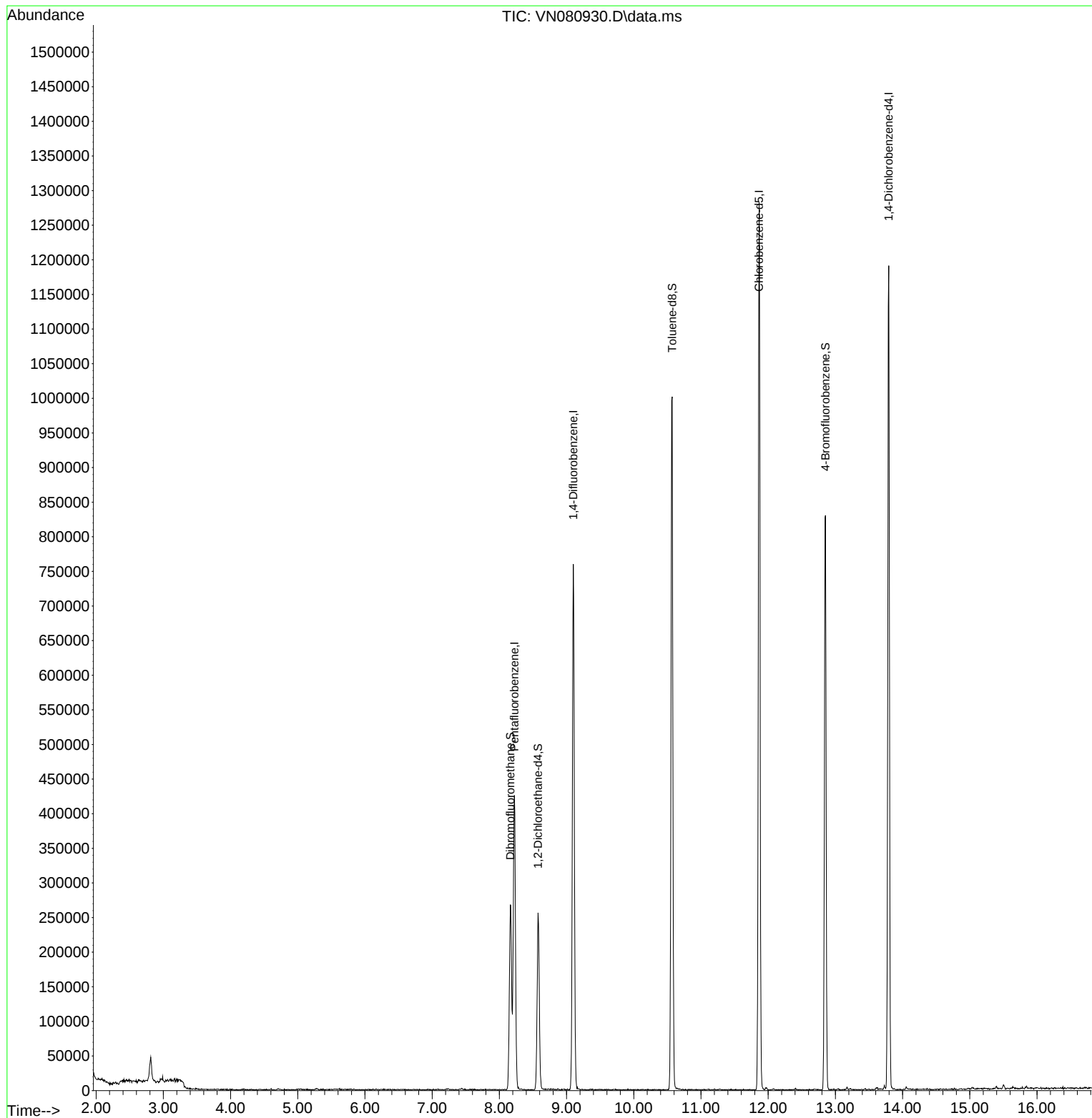
Target Compounds	Qvalue

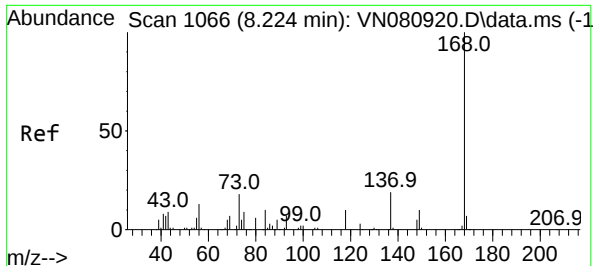
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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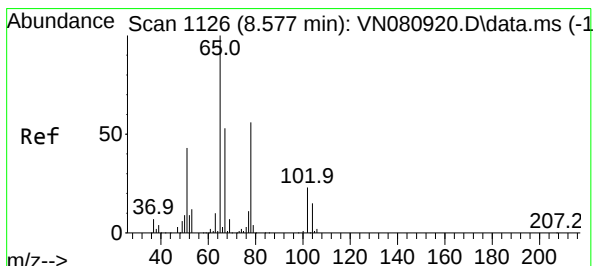
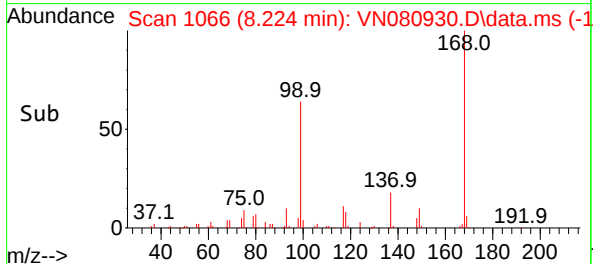
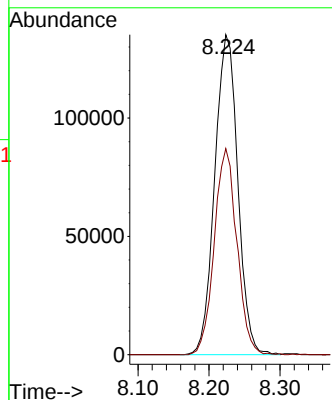
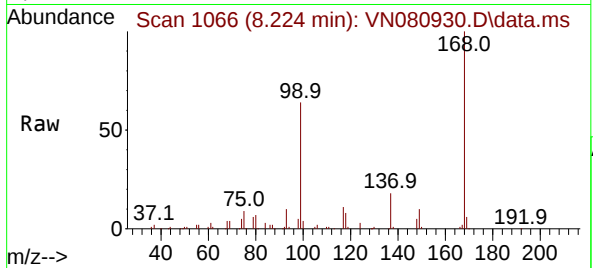




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080930.D
Acq: 07 Feb 2024 10:41

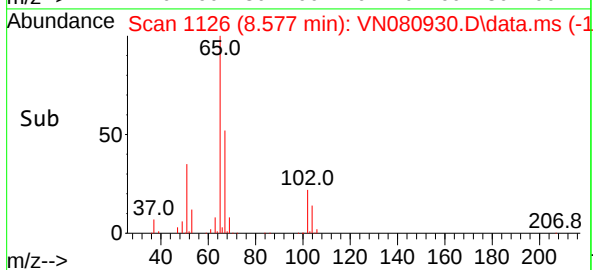
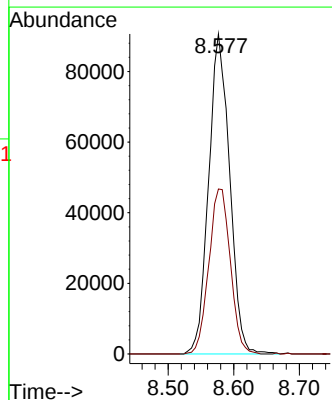
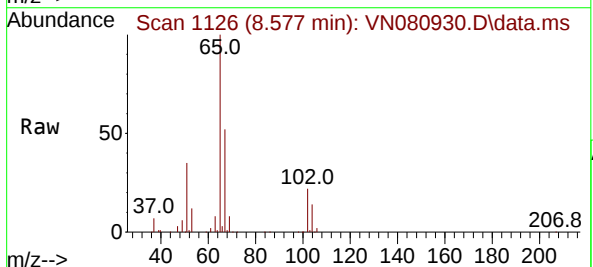
Instrument :
MSVOA_N
ClientSampleId :
VN0207WBL01

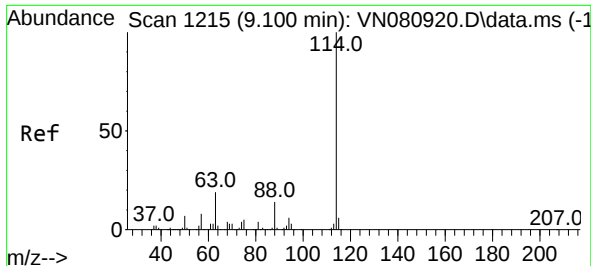
Tgt Ion:168 Resp: 304524
Ion Ratio Lower Upper
168 100
99 64.4 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 52.449 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080930.D
Acq: 07 Feb 2024 10:41

Tgt Ion: 65 Resp: 201488
Ion Ratio Lower Upper
65 100
67 52.7 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080930.D

Acq: 07 Feb 2024 10:41

Instrument :

MSVOA_N

ClientSampleId :

VN0207WBL01

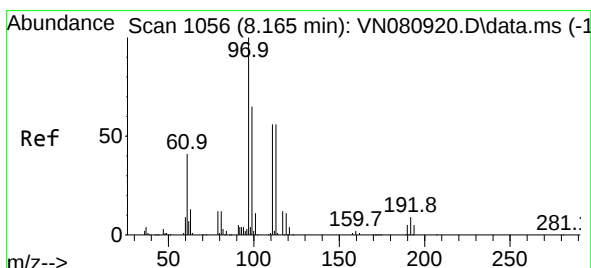
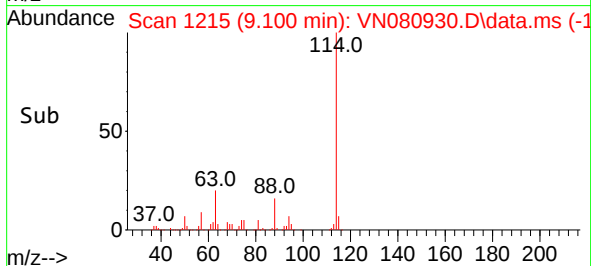
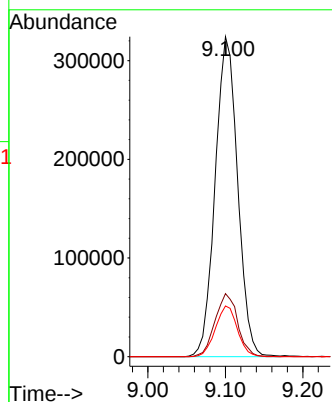
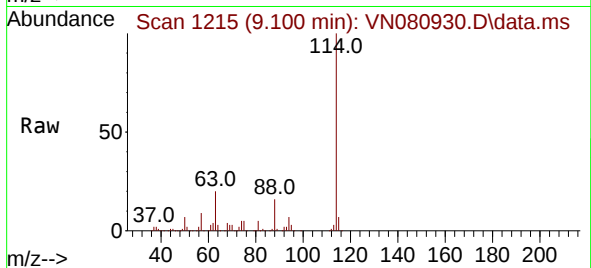
Tgt Ion:114 Resp: 654373

Ion Ratio Lower Upper

114 100

63 19.7 0.0 48.0

88 15.9 0.0 34.8



#35

Dibromofluoromethane

Concen: 53.179 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080930.D

Acq: 07 Feb 2024 10:41

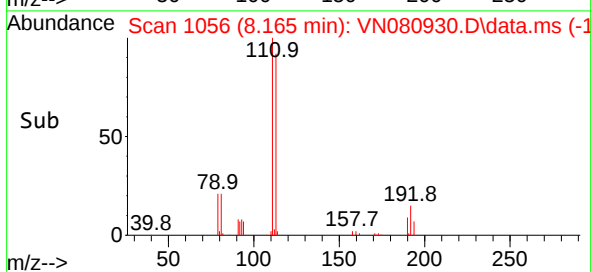
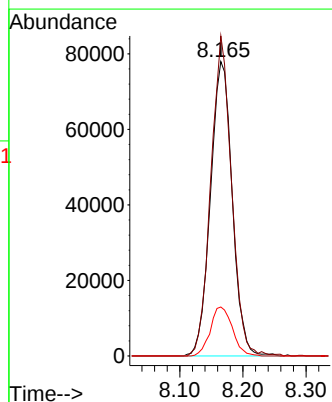
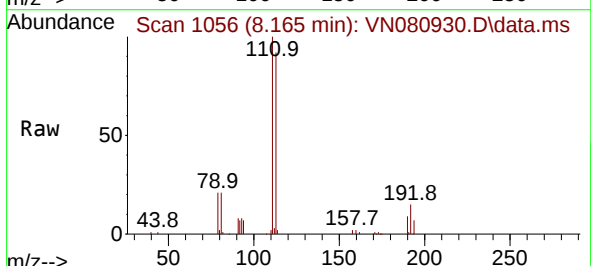
Tgt Ion:113 Resp: 186732

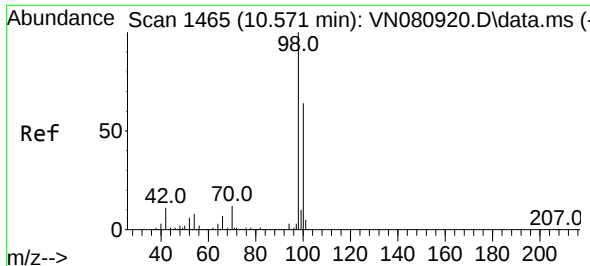
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 16.9 12.5 18.7

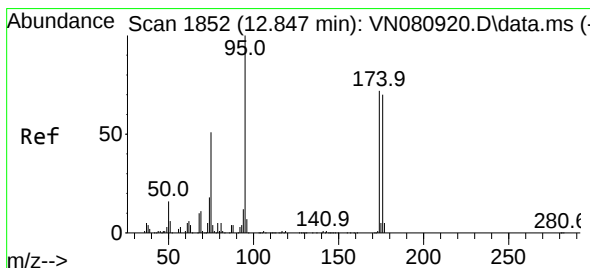
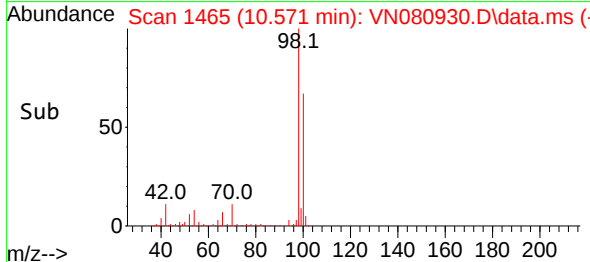
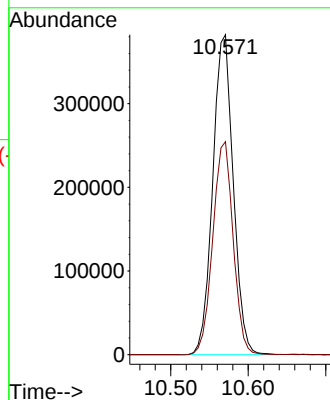
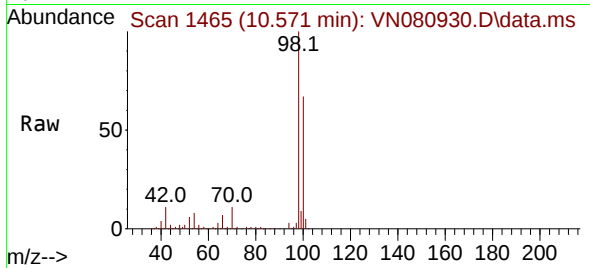




#50
Toluene-d8
Concen: 55.324 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080930.D
Acq: 07 Feb 2024 10:41

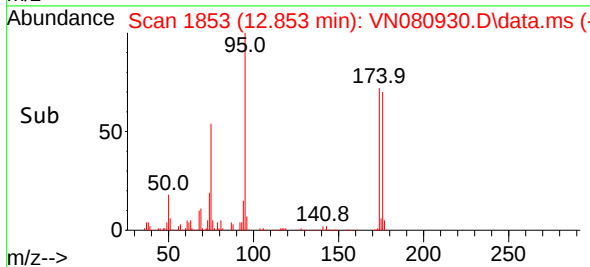
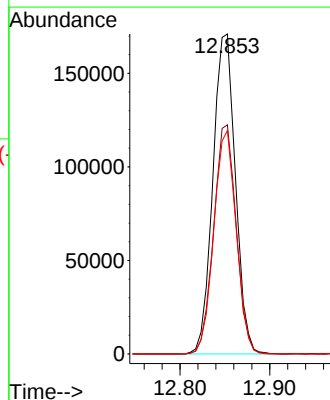
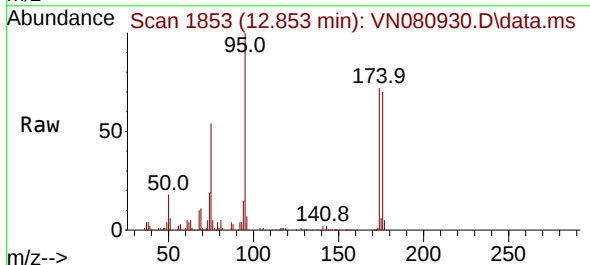
Instrument :
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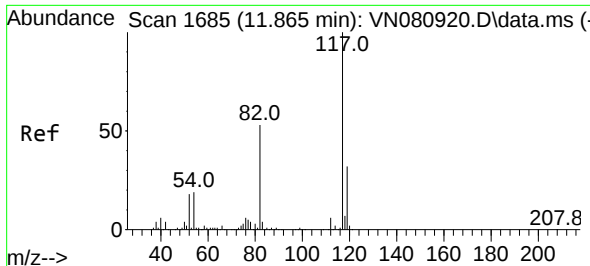
Tgt Ion: 98 Resp: 702673
Ion Ratio Lower Upper
98 100
100 66.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 64.557 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080930.D
Acq: 07 Feb 2024 10:41

Tgt Ion: 95 Resp: 297863
Ion Ratio Lower Upper
95 100
174 71.6 0.0 120.4
176 69.4 0.0 121.0

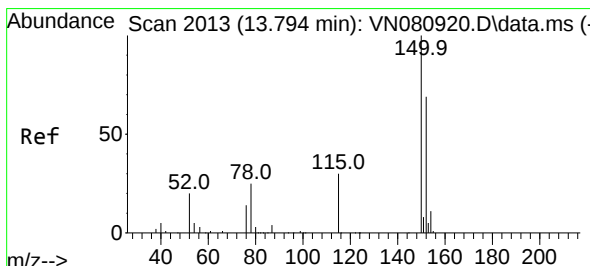
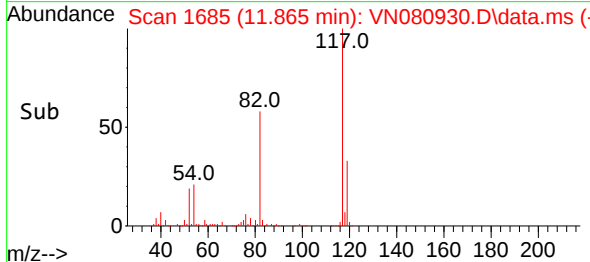
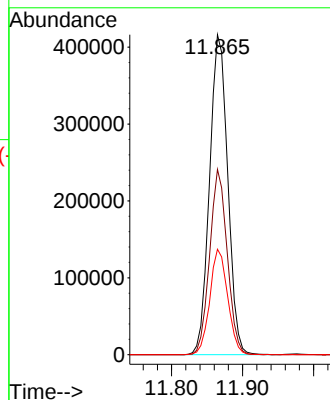
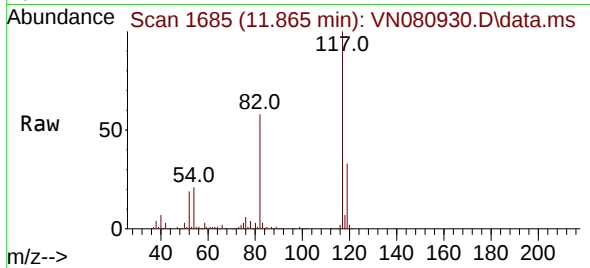




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080930.D
Acq: 07 Feb 2024 10:41

Instrument :
MSVOA_N
ClientSampleId :
VN0207WBL01

Tgt Ion:117 Resp: 739464
Ion Ratio Lower Upper
117 100
82 57.9 52.7 79.1
119 32.9 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: VN080930.D
Acq: 07 Feb 2024 10:41

Tgt Ion:152 Resp: 317052
Ion Ratio Lower Upper
152 100
115 63.7 32.3 96.8
150 157.0 0.0 339.8

