

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010224\
 Data File : VN080618.D
 Acq On : 02 Jan 2024 12:24
 Operator : JC\MD
 Sample : VN0102WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0102WBL01

Quant Time: Jan 03 01:42:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 03:07:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	293421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	559924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	564910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	238994	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	169042	44.913	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.820%
35) Dibromofluoromethane	8.165	113	158021	43.636	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.280%
50) Toluene-d8	10.565	98	568437	44.957	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.920%
62) 4-Bromofluorobenzene	12.847	95	219402	51.560	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.120%

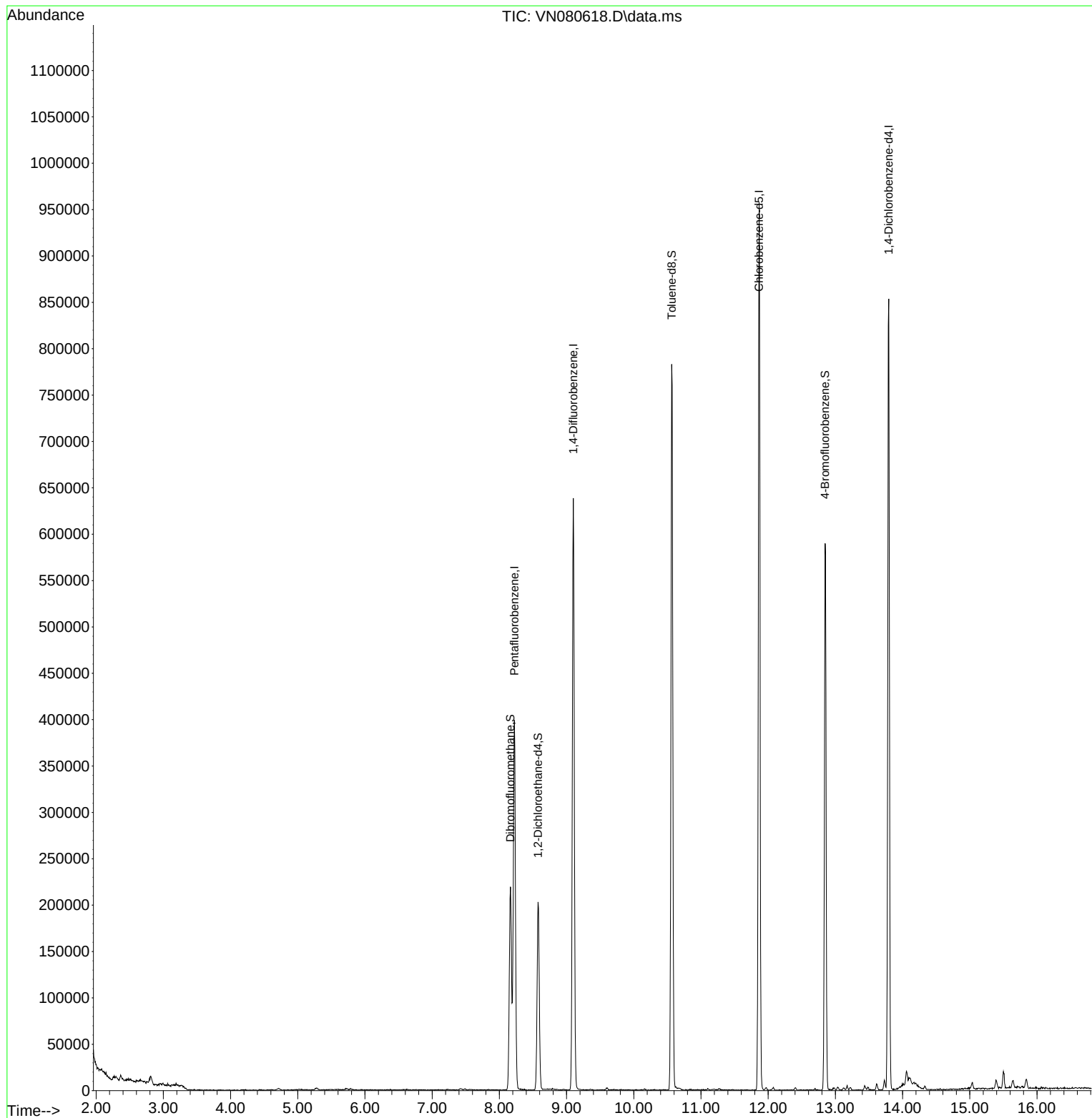
Target Compounds	Qvalue

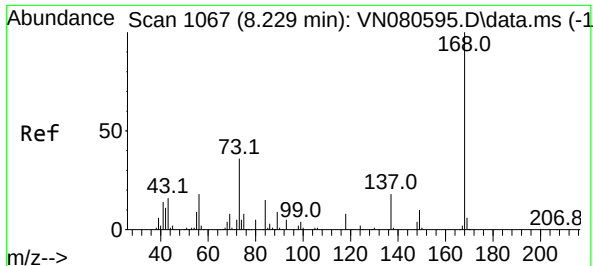
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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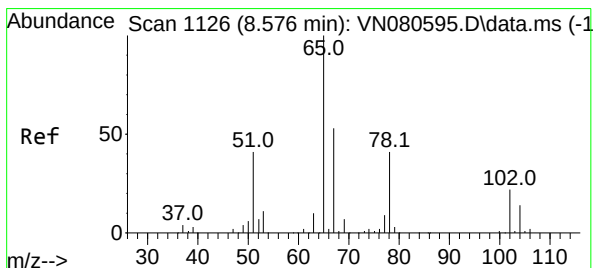
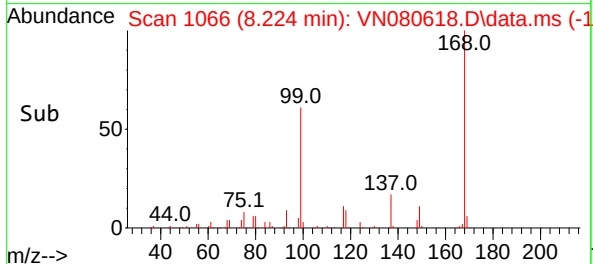
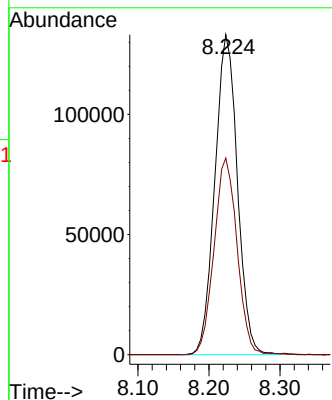
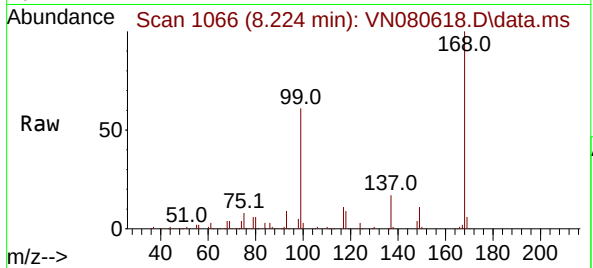




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN080618.D
Acq: 02 Jan 2024 12:24

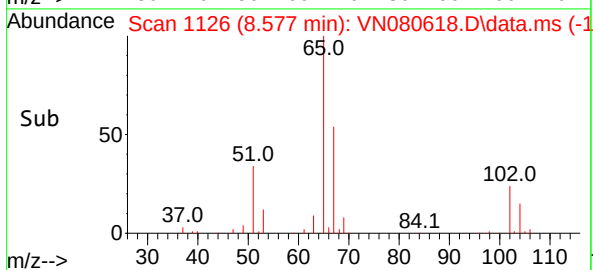
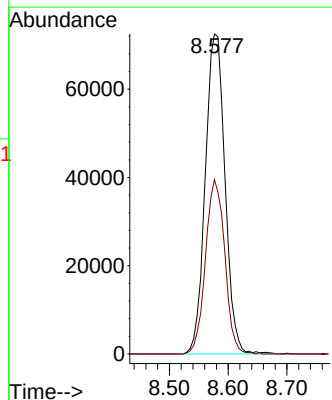
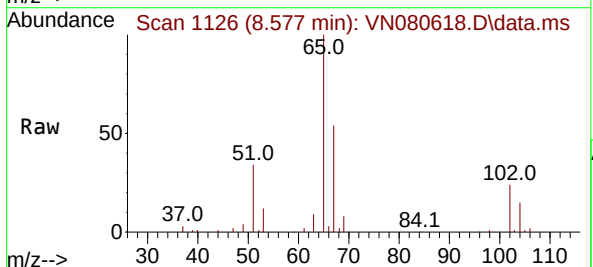
Instrument :
MSVOA_N
ClientSampleId :
VN0102WBL01

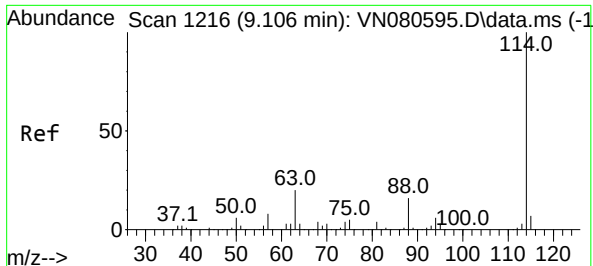
Tgt Ion:168 Resp: 293421
Ion Ratio Lower Upper
168 100
99 61.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 44.913 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080618.D
Acq: 02 Jan 2024 12:24

Tgt Ion: 65 Resp: 169042
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN080618.D

Acq: 02 Jan 2024 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0102WBL01

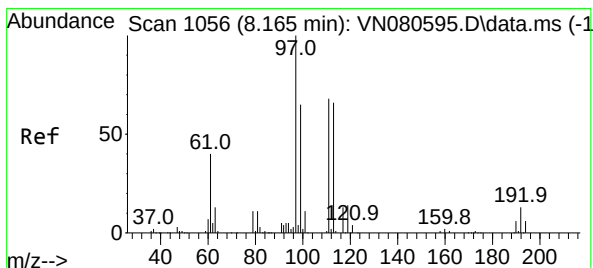
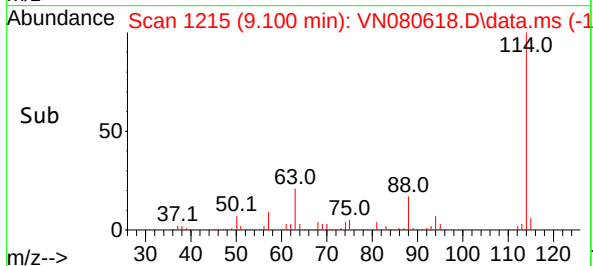
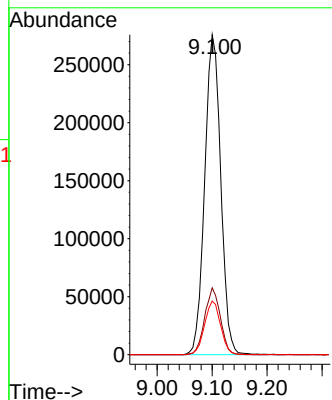
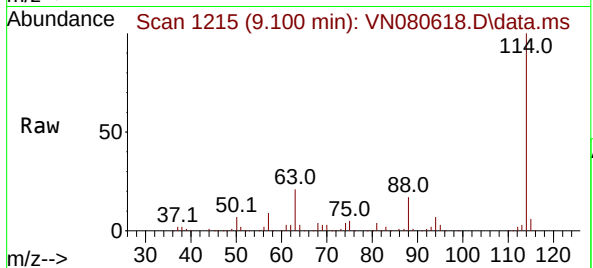
Tgt Ion:114 Resp: 559924

Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 16.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 43.636 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080618.D

Acq: 02 Jan 2024 12:24

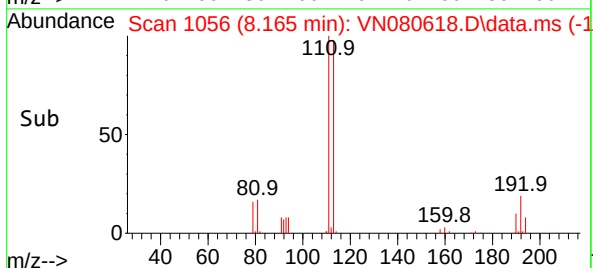
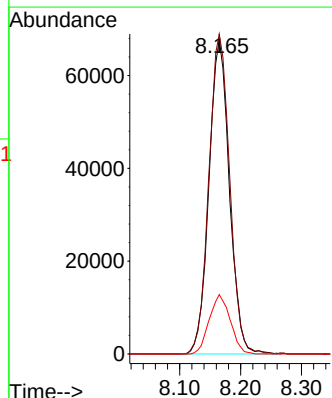
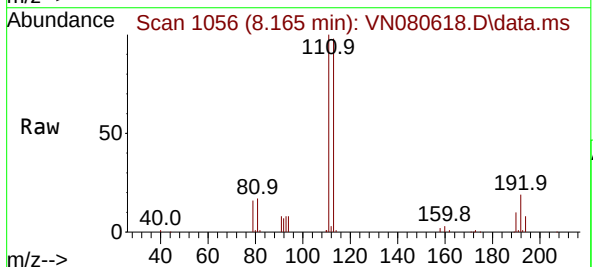
Tgt Ion:113 Resp: 158021

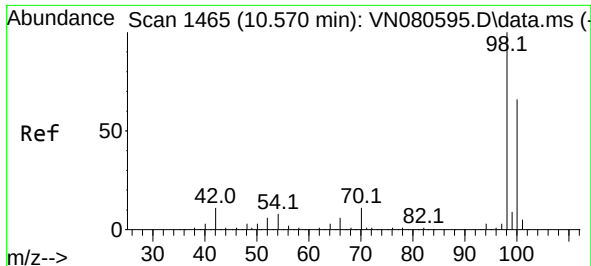
Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

192 19.4 12.7 19.1#

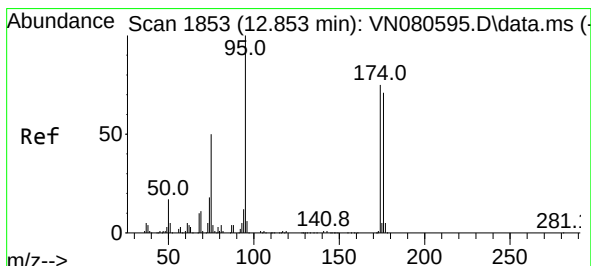
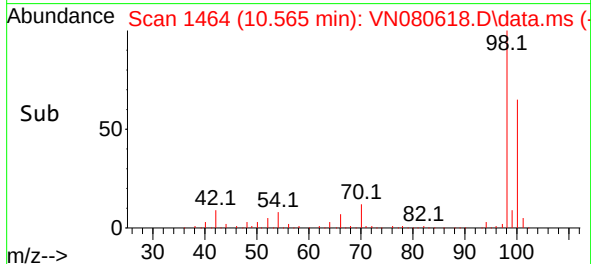
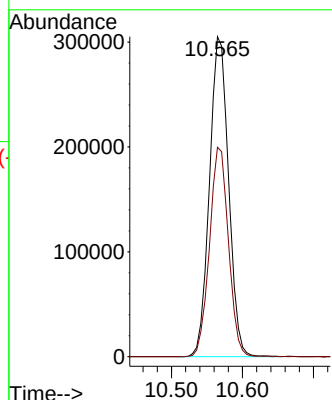
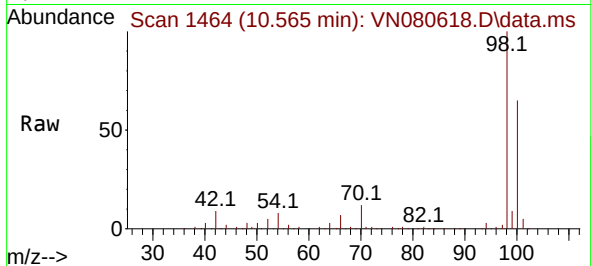




#50
Toluene-d8
Concen: 44.957 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080618.D
Acq: 02 Jan 2024 12:24

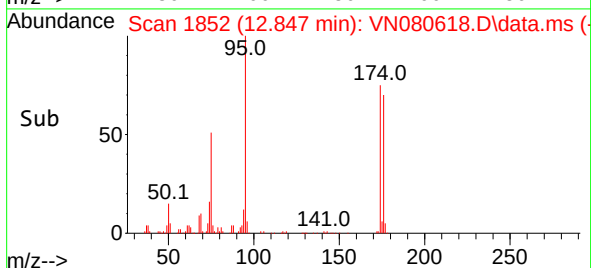
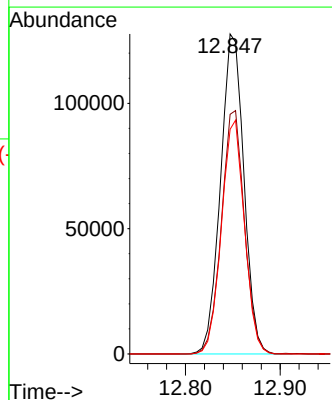
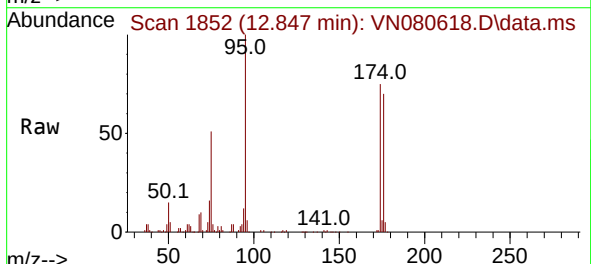
Instrument :
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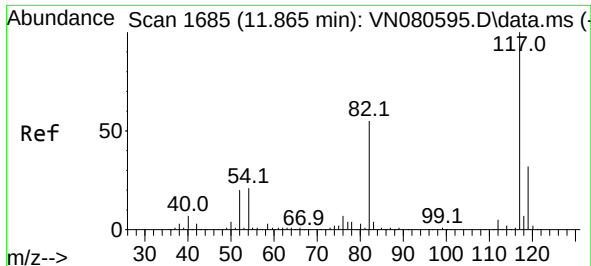
Tgt Ion: 98 Resp: 568437
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.560 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN080618.D
Acq: 02 Jan 2024 12:24

Tgt Ion: 95 Resp: 219402
Ion Ratio Lower Upper
95 100
174 75.1 0.0 143.8
176 71.7 0.0 135.8

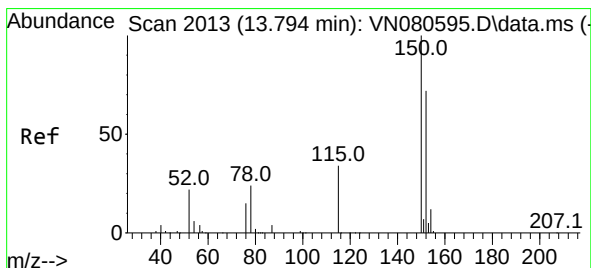
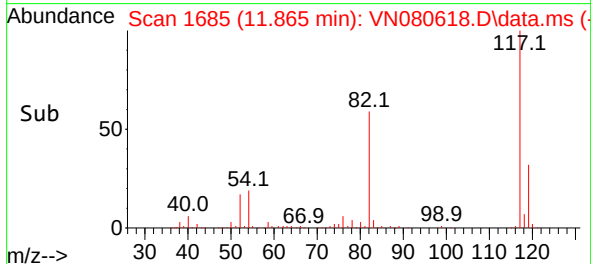
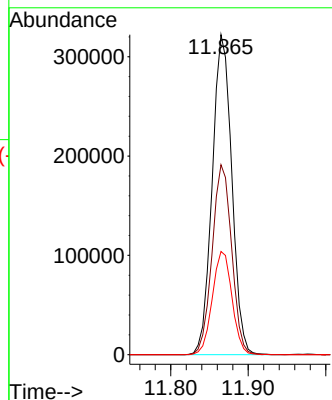
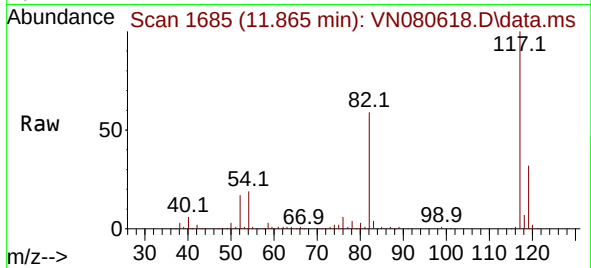




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080618.D
Acq: 02 Jan 2024 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0102WBL01

Tgt Ion:117 Resp: 564910
Ion Ratio Lower Upper
117 100
82 59.4 44.0 66.0
119 32.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080618.D
Acq: 02 Jan 2024 12:24

Tgt Ion:152 Resp: 238994
Ion Ratio Lower Upper
152 100
115 63.7 32.3 96.8
150 158.3 0.0 355.8

