

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020524\
 Data File : VN080894.D
 Acq On : 05 Feb 2024 14:05
 Operator : JC\MD
 Sample : VN0205WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205WBL01

Quant Time: Feb 06 04:41:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	99660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	213584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	89258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	70668	40.988	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.980%
35) Dibromofluoromethane	8.165	113	62982	48.199	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.400%
50) Toluene-d8	10.565	98	228755	44.728	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.460%
62) 4-Bromofluorobenzene	12.847	95	92419	51.856	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.720%

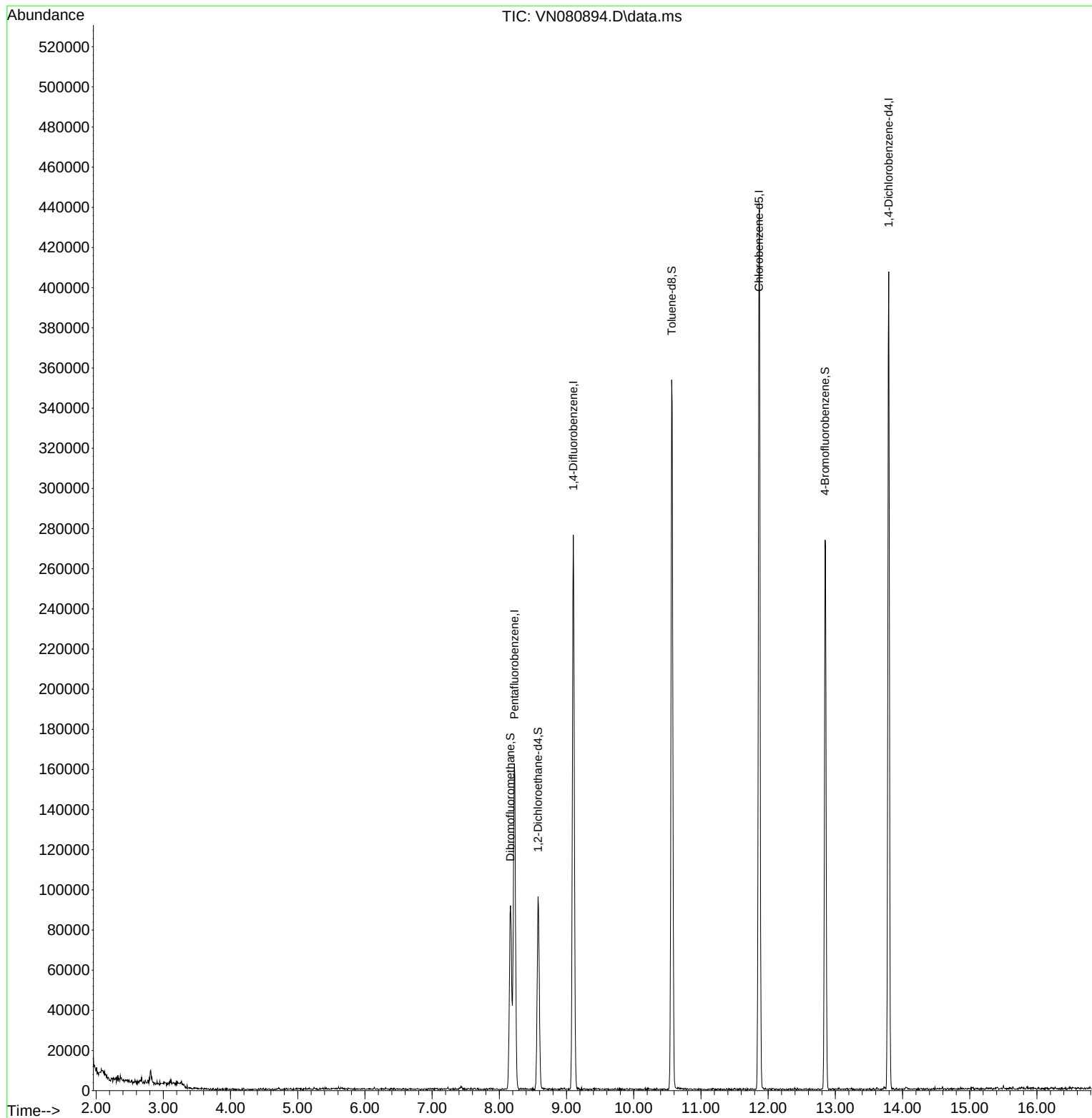
Target Compounds	Qvalue

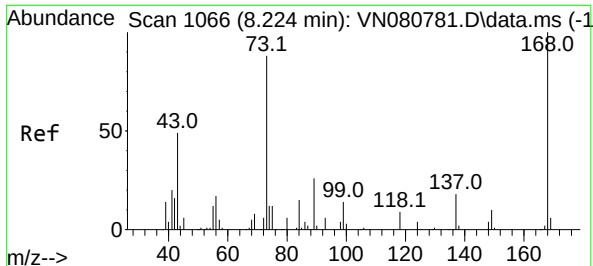
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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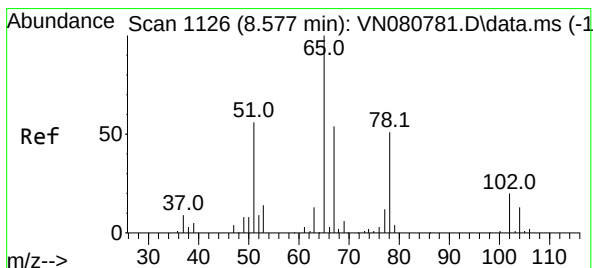
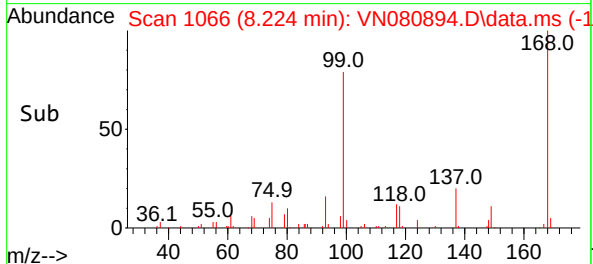
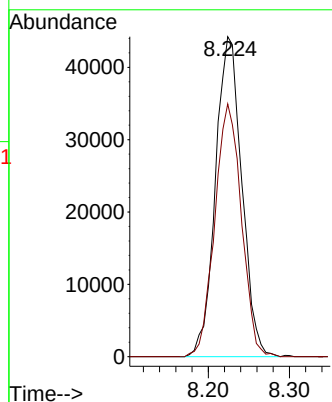
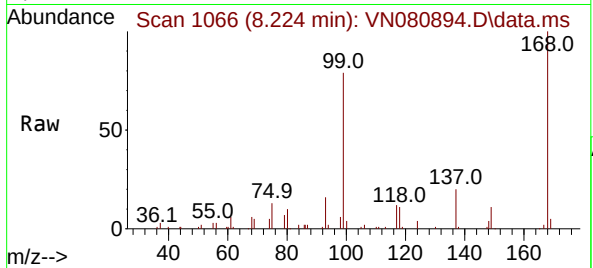




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080894.D
Acq: 05 Feb 2024 14:05

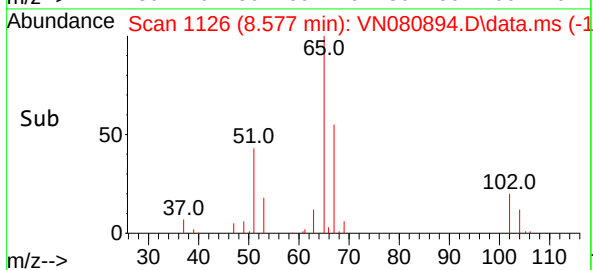
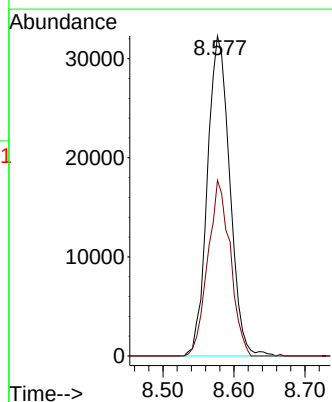
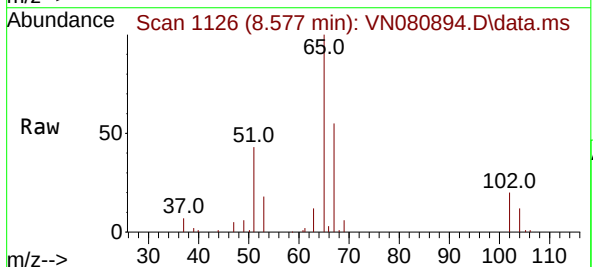
Instrument :
MSVOA_N
ClientSampleId :
VN0205WBL01

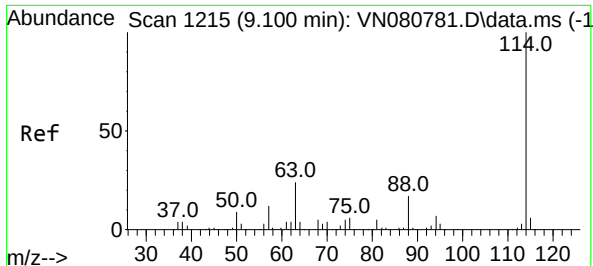
Tgt Ion:168 Resp: 99660
Ion Ratio Lower Upper
168 100
99 79.0 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 40.988 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080894.D
Acq: 05 Feb 2024 14:05

Tgt Ion: 65 Resp: 70668
Ion Ratio Lower Upper
65 100
67 55.0 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080894.D

Acq: 05 Feb 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0205WBL01

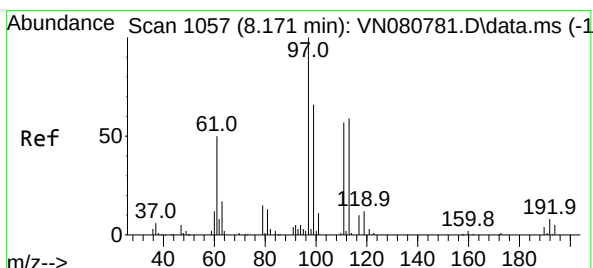
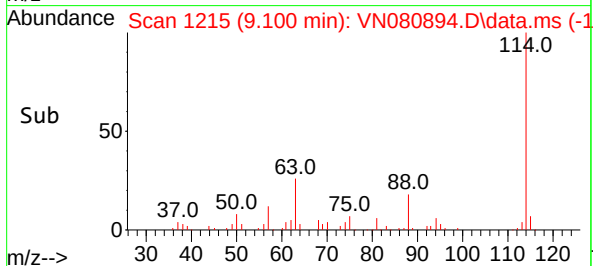
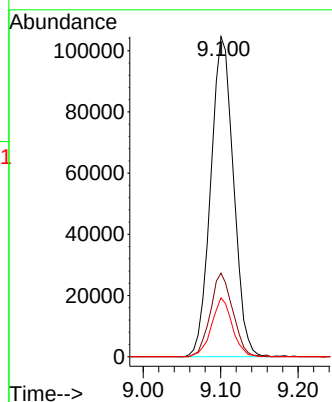
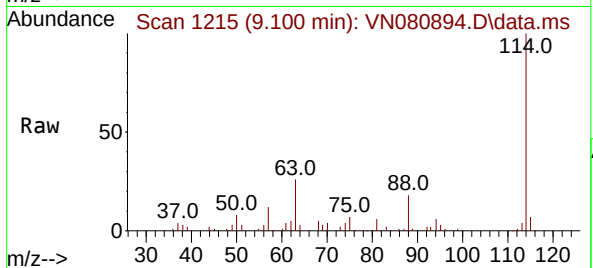
Tgt Ion:114 Resp: 213584

Ion Ratio Lower Upper

114 100

63 26.1 0.0 48.0

88 18.4 0.0 34.8



#35

Dibromofluoromethane

Concen: 48.199 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080894.D

Acq: 05 Feb 2024 14:05

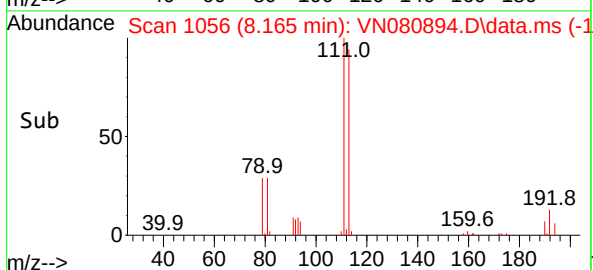
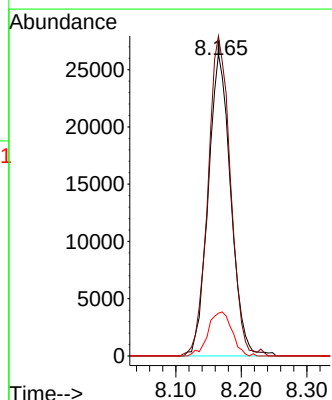
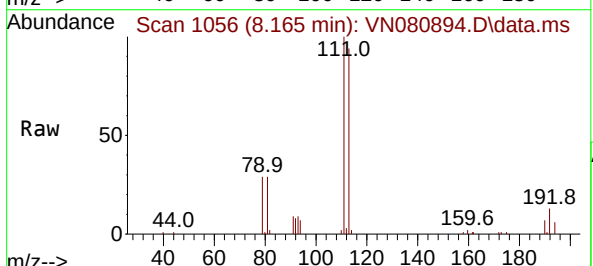
Tgt Ion:113 Resp: 62982

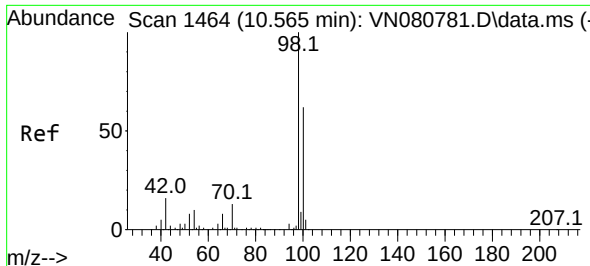
Ion Ratio Lower Upper

113 100

111 105.7 82.2 123.4

192 15.3 12.5 18.7

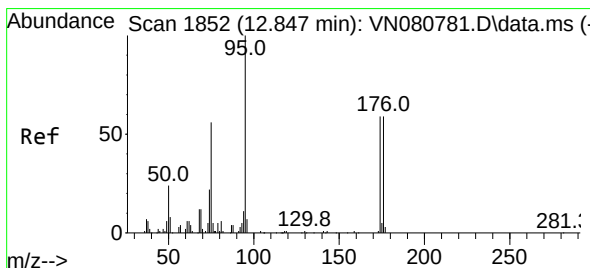
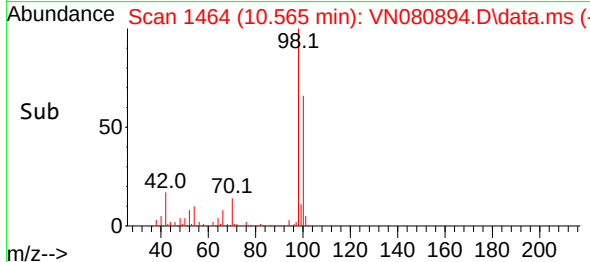
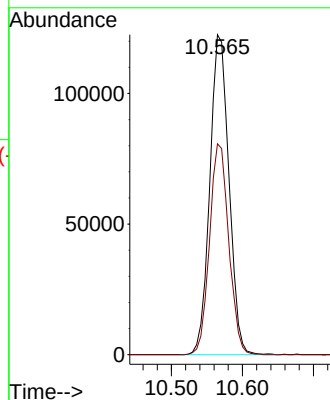
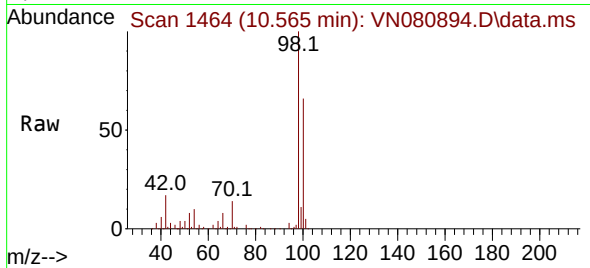




#50
Toluene-d8
Concen: 44.728 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080894.D
Acq: 05 Feb 2024 14:05

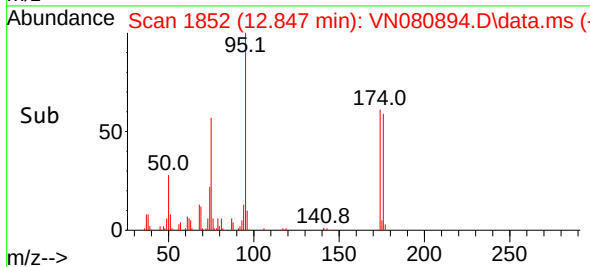
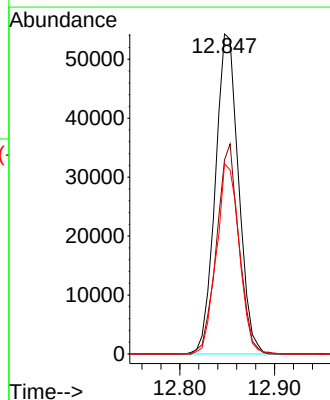
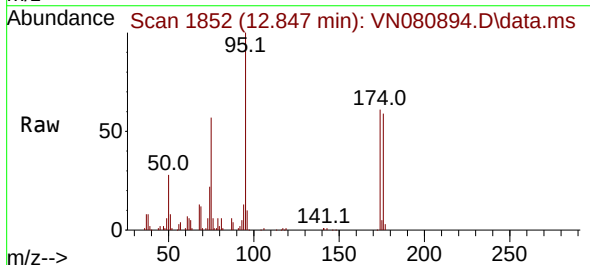
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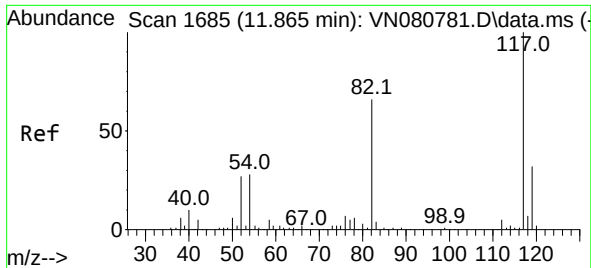
Tgt Ion: 98 Resp: 228755
Ion Ratio Lower Upper
98 100
100 66.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 51.856 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080894.D
Acq: 05 Feb 2024 14:05

Tgt Ion: 95 Resp: 92419
Ion Ratio Lower Upper
95 100
174 62.8 0.0 120.4
176 58.7 0.0 121.0

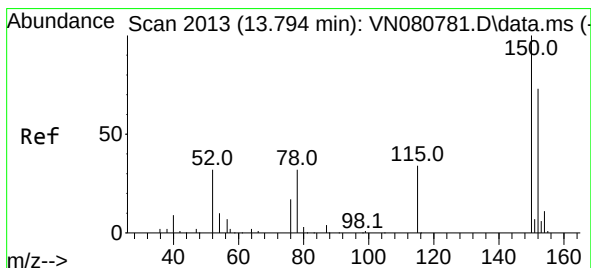
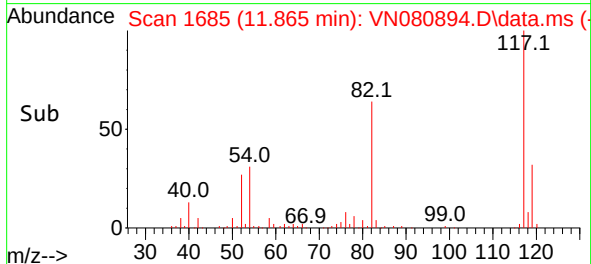
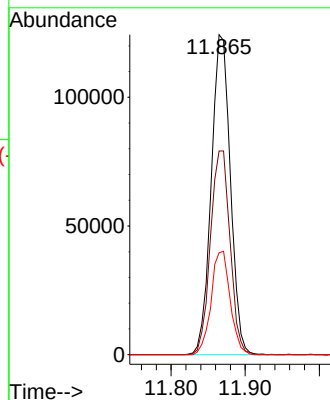
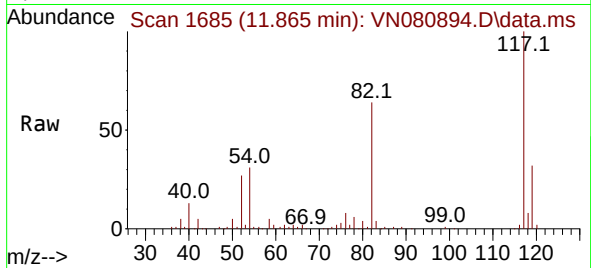




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080894.D
Acq: 05 Feb 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0205WBL01

Tgt Ion:117 Resp: 222738
Ion Ratio Lower Upper
117 100
82 63.6 52.7 79.1
119 31.8 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: VN080894.D
Acq: 05 Feb 2024 14:05

Tgt Ion:152 Resp: 89258
Ion Ratio Lower Upper
152 100
115 67.5 32.3 96.8
150 161.8 0.0 339.8

