

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080807.D
 Acq On : 30 Jan 2024 11:52
 Operator : JC\MD
 Sample : VN0130WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130WBL01

Quant Time: Jan 31 02:07:28 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	94911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	232857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	94506	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	79324	48.311	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.620%
35) Dibromofluoromethane	8.165	113	64176	45.048	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.100%
50) Toluene-d8	10.565	98	262898	47.149	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.300%
62) 4-Bromofluorobenzene	12.847	95	101577	52.277	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.560%

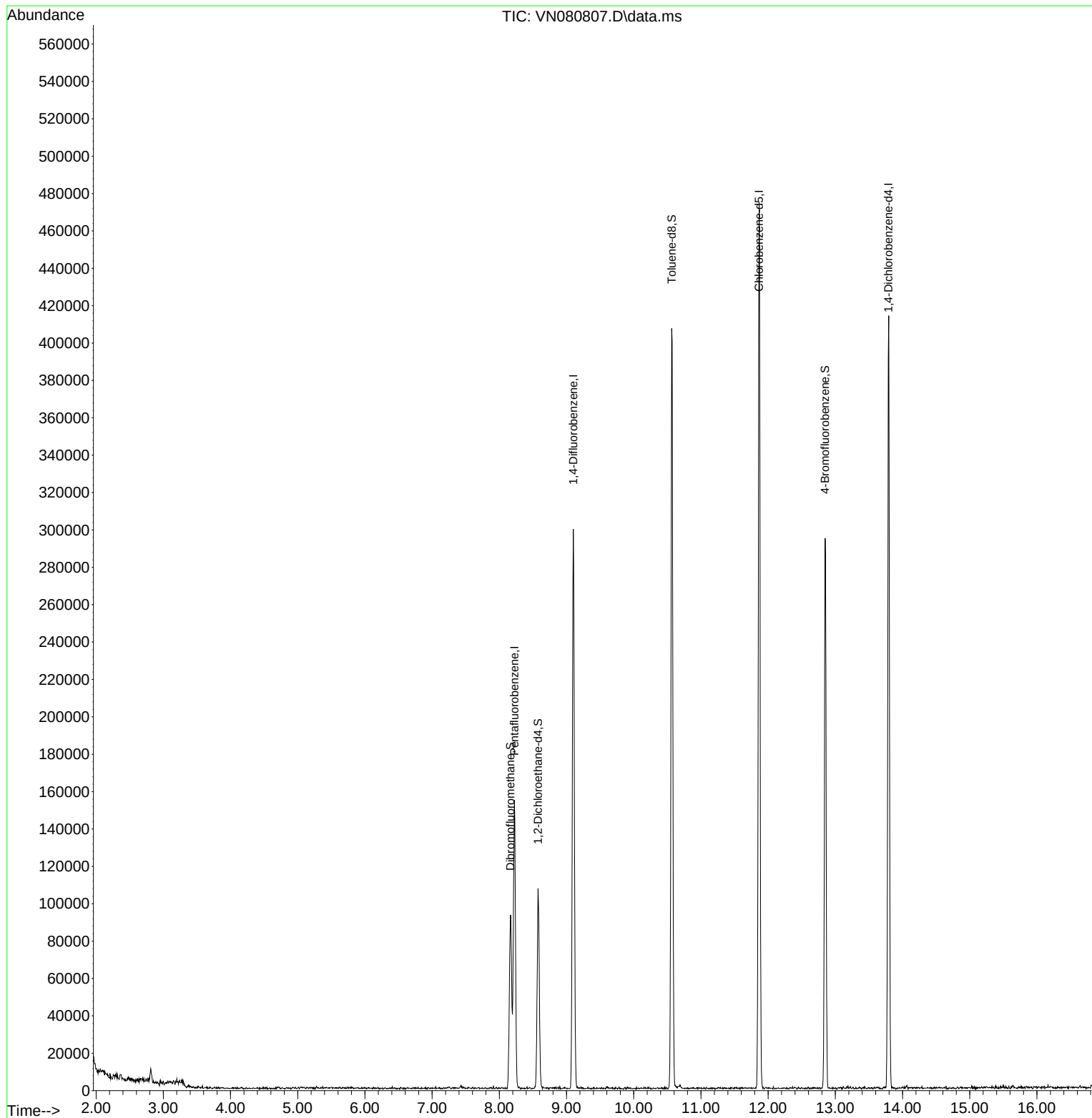
Target Compounds	Qvalue

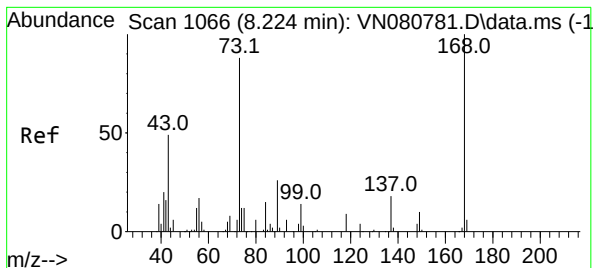
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN080807.D

Acq: 30 Jan 2024 11:52

Instrument :

MSVOA_N

ClientSampleId :

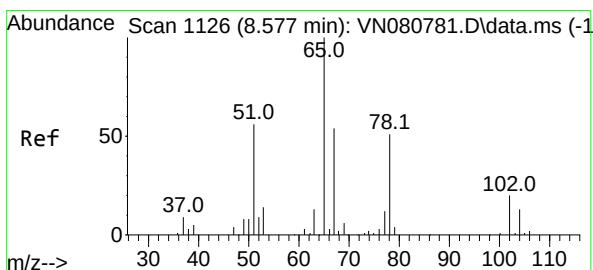
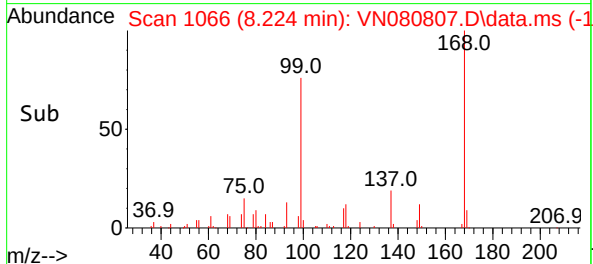
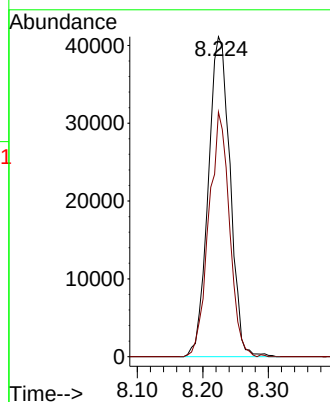
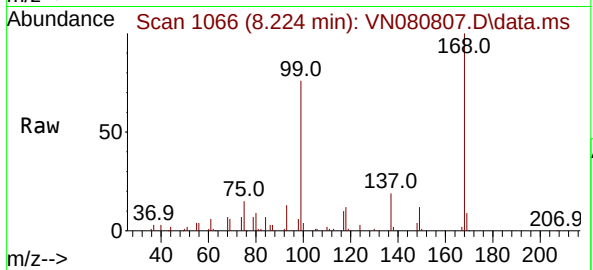
VN0130WBL01

Tgt Ion:168 Resp: 94911

Ion Ratio Lower Upper

168 100

99 76.4 59.9 89.9



#33

1,2-Dichloroethane-d4

Concen: 48.311 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080807.D

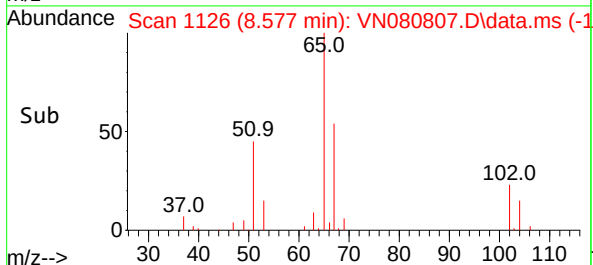
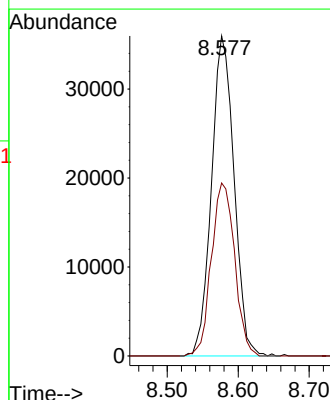
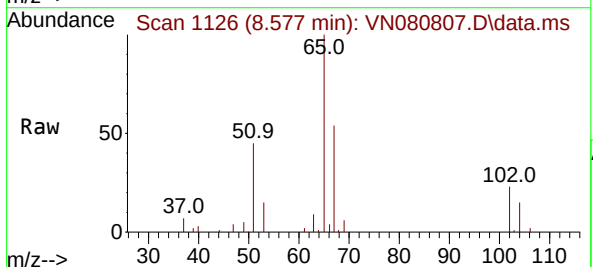
Acq: 30 Jan 2024 11:52

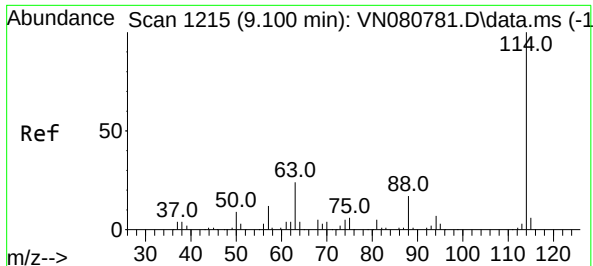
Tgt Ion: 65 Resp: 79324

Ion Ratio Lower Upper

65 100

67 55.7 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: VN080807.D

Acq: 30 Jan 2024 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0130WBL01

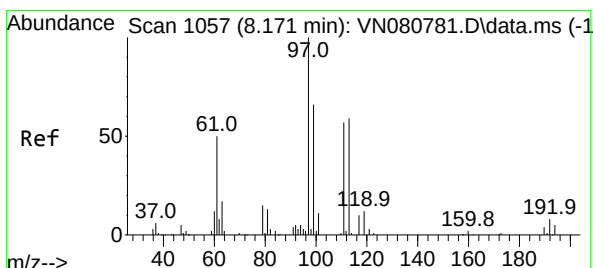
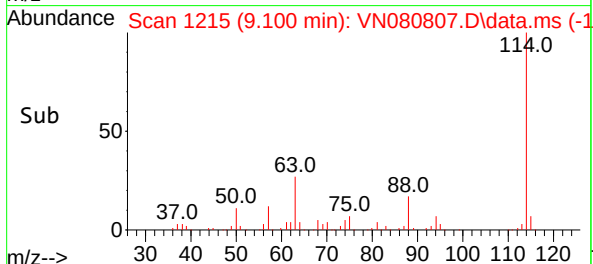
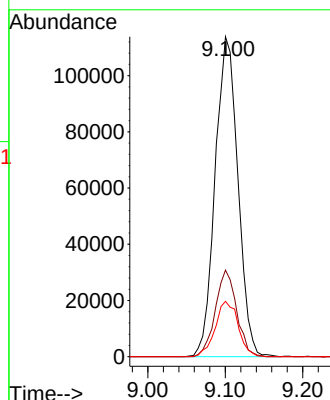
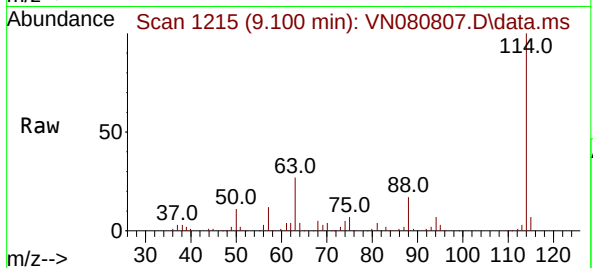
Tgt Ion:114 Resp: 232857

Ion Ratio Lower Upper

114 100

63 27.0 0.0 48.0

88 17.3 0.0 34.8



#35

Dibromofluoromethane

Concen: 45.048 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080807.D

Acq: 30 Jan 2024 11:52

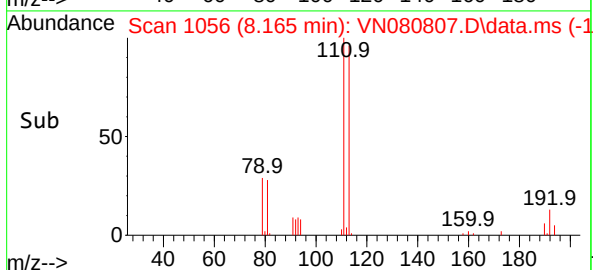
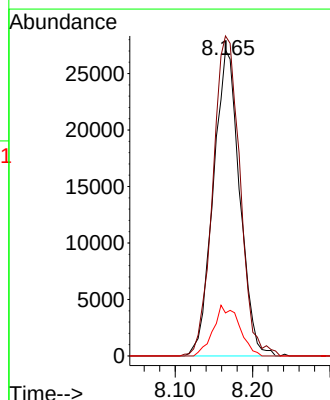
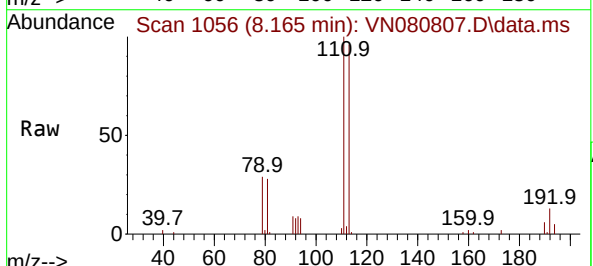
Tgt Ion:113 Resp: 64176

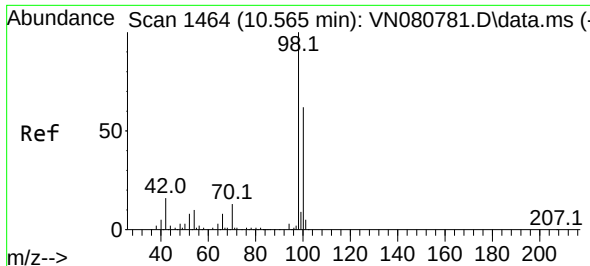
Ion Ratio Lower Upper

113 100

111 107.1 82.2 123.4

192 16.3 12.5 18.7

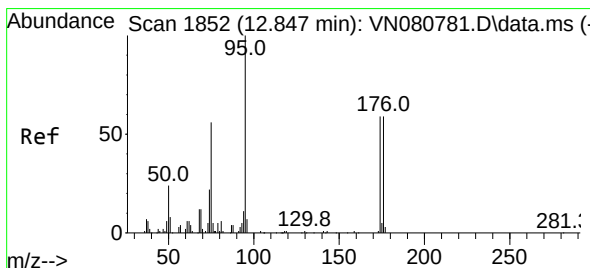
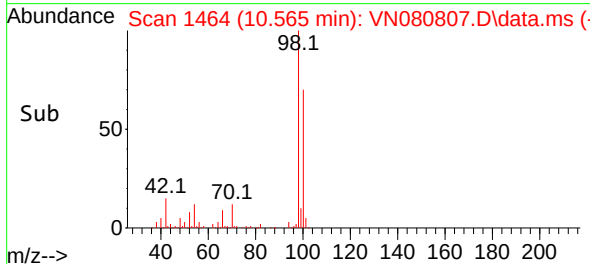
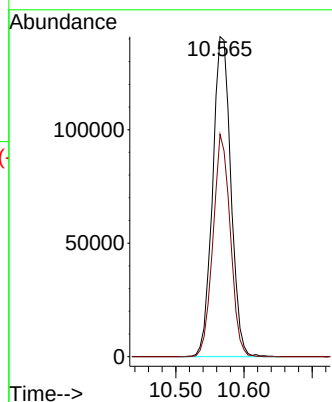
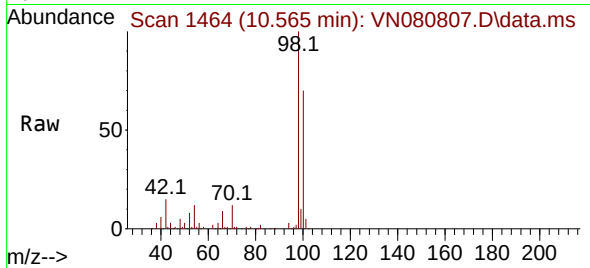




#50
Toluene-d8
Concen: 47.149 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080807.D
Acq: 30 Jan 2024 11:52

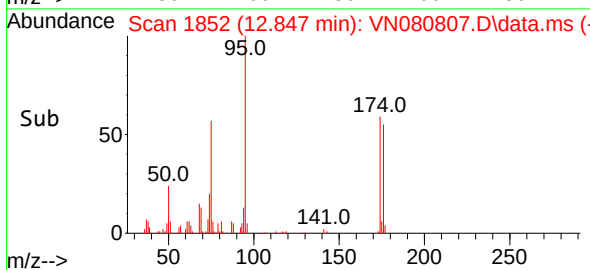
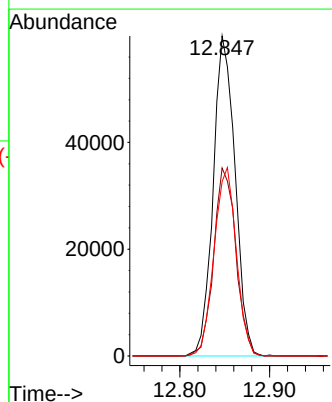
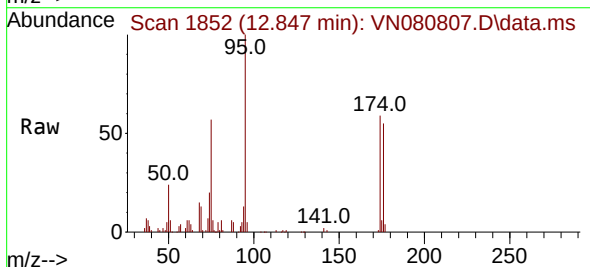
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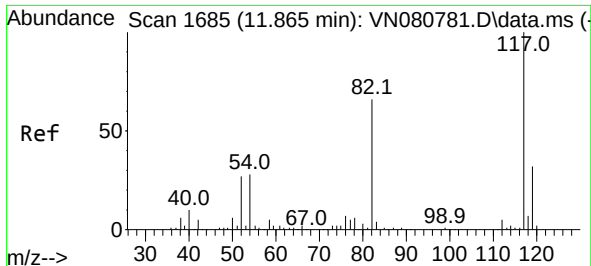
Tgt Ion: 98 Resp: 262898
Ion Ratio Lower Upper
98 100
100 65.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 52.277 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080807.D
Acq: 30 Jan 2024 11:52

Tgt Ion: 95 Resp: 101577
Ion Ratio Lower Upper
95 100
174 59.6 0.0 120.4
176 59.9 0.0 121.0

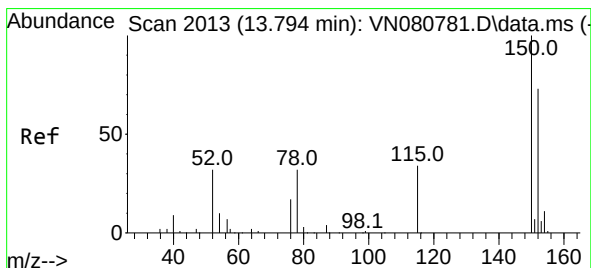
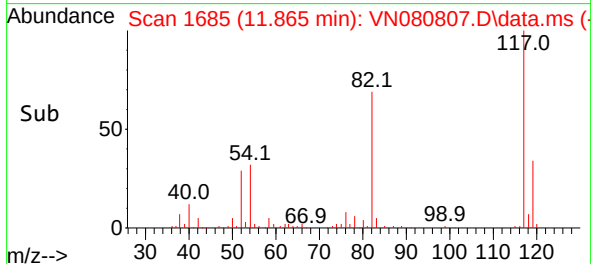
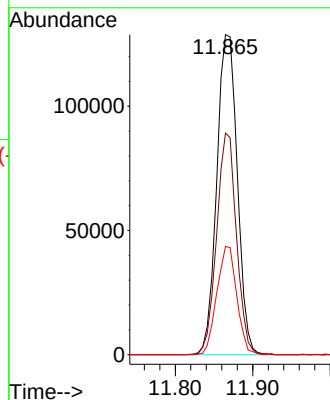
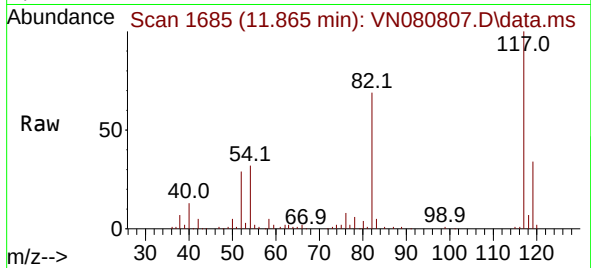




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080807.D
Acq: 30 Jan 2024 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0130WBL01

Tgt Ion:117 Resp: 237135
Ion Ratio Lower Upper
117 100
82 69.2 52.7 79.1
119 33.8 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN080807.D
Acq: 30 Jan 2024 11:52

Tgt Ion:152 Resp: 94506
Ion Ratio Lower Upper
152 100
115 70.1 32.3 96.8
150 156.6 0.0 339.8

