

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020524\
 Data File : VN080893.D
 Acq On : 05 Feb 2024 13:41
 Operator : JC\MD
 Sample : VN0205MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205MBL01

Quant Time: Feb 06 04:40:50 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	93383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	187983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	203028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	77961	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	83807	51.877	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.760%
35) Dibromofluoromethane	8.171	113	54687	47.550	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.100%
50) Toluene-d8	10.565	98	212089	47.117	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.240%
62) 4-Bromofluorobenzene	12.853	95	82511	52.602	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.200%

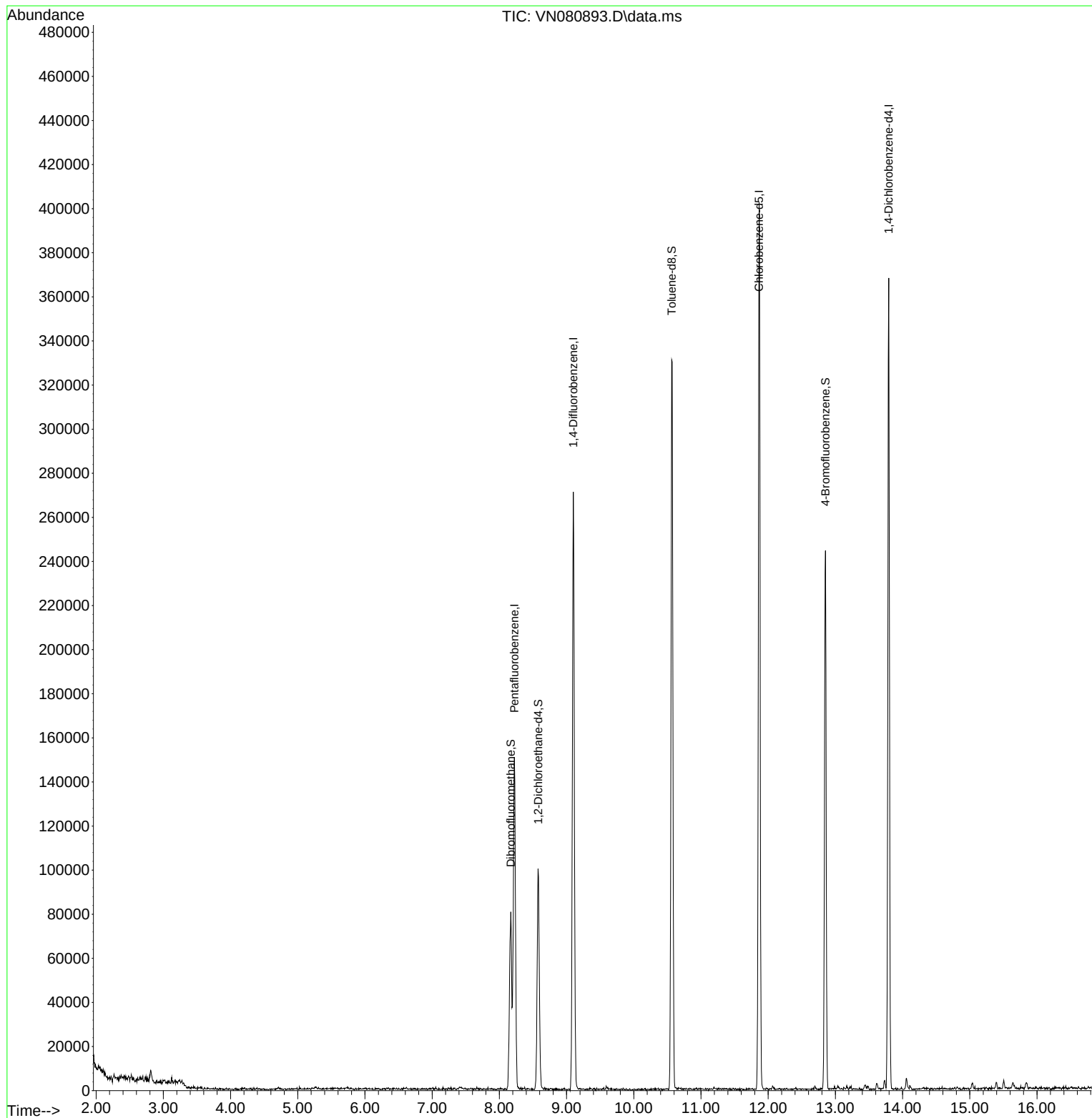
Target Compounds	Qvalue

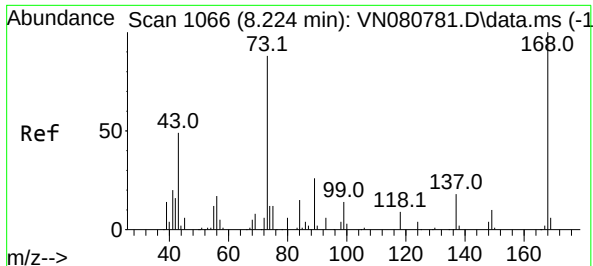
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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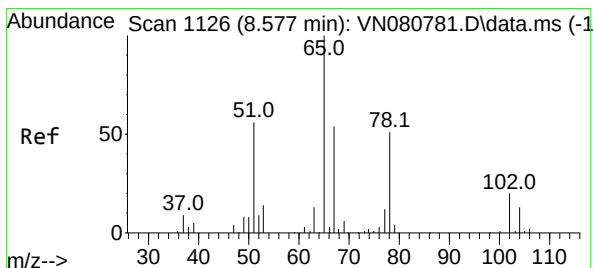
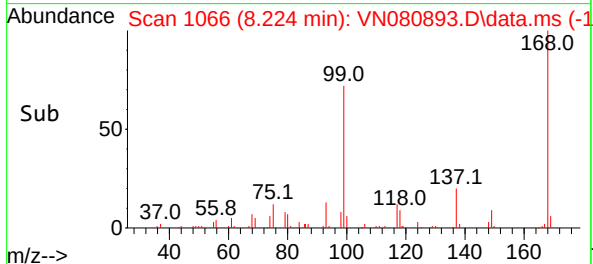
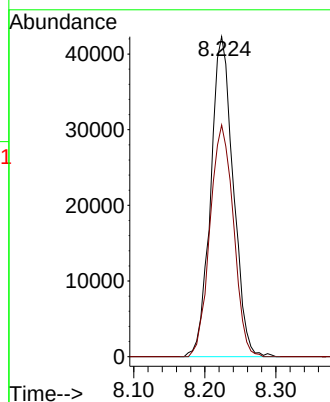
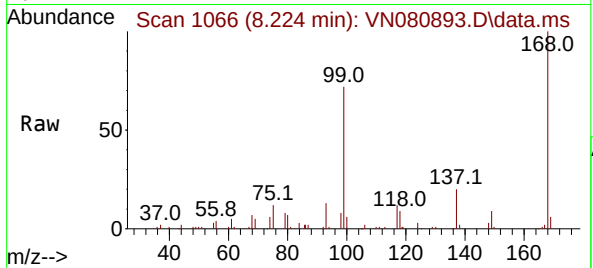




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080893.D
Acq: 05 Feb 2024 13:41

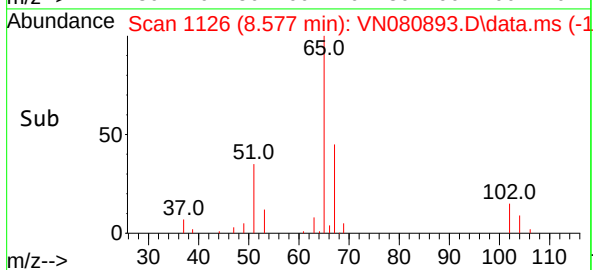
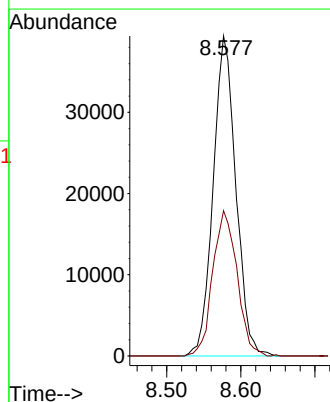
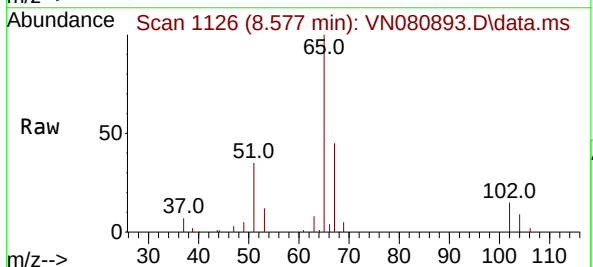
Instrument :
MSVOA_N
ClientSampleId :
VN0205MBL01

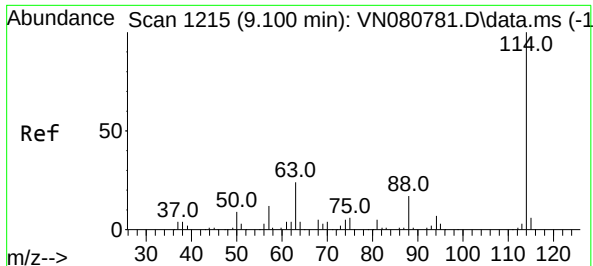
Tgt Ion:168 Resp: 93383
Ion Ratio Lower Upper
168 100
99 72.4 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 51.877 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080893.D
Acq: 05 Feb 2024 13:41

Tgt Ion: 65 Resp: 83807
Ion Ratio Lower Upper
65 100
67 48.7 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: VN080893.D

Acq: 05 Feb 2024 13:41

Instrument :

MSVOA_N

ClientSampleId :

VN0205MBL01

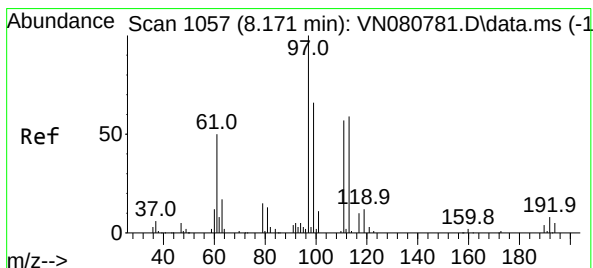
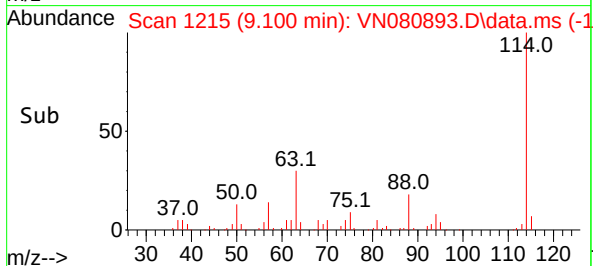
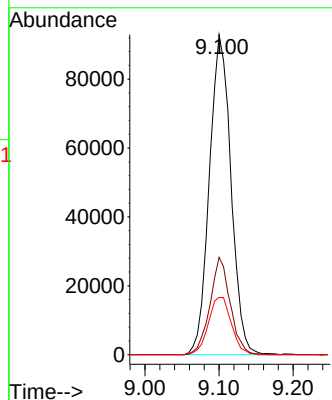
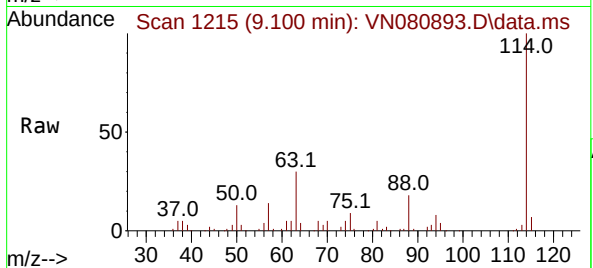
Tgt Ion:114 Resp: 187983

Ion Ratio Lower Upper

114 100

63 30.4 0.0 48.0

88 17.9 0.0 34.8



#35

Dibromofluoromethane

Concen: 47.550 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN080893.D

Acq: 05 Feb 2024 13:41

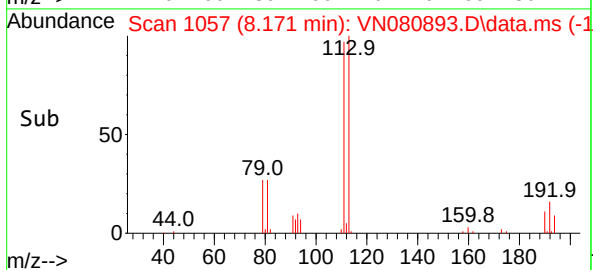
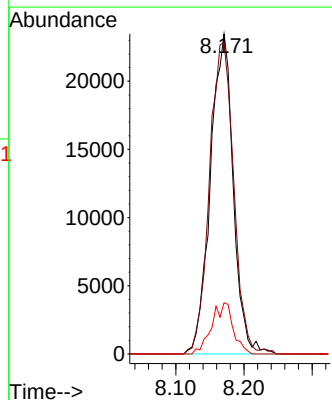
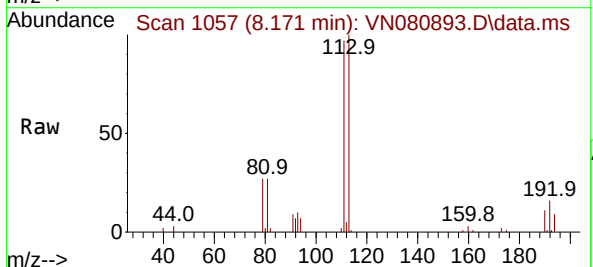
Tgt Ion:113 Resp: 54687

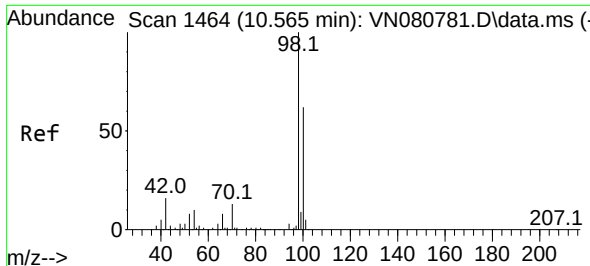
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 15.1 12.5 18.7

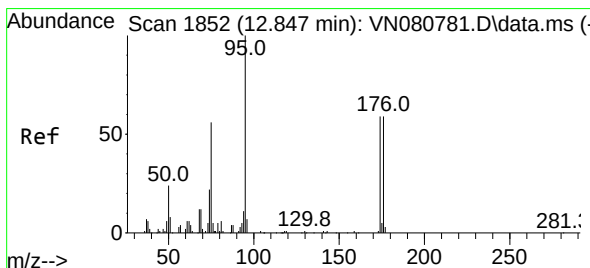
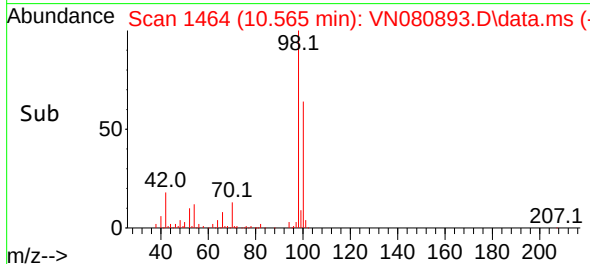
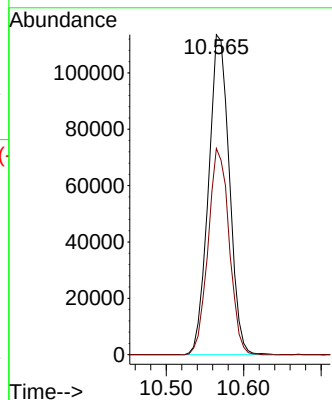
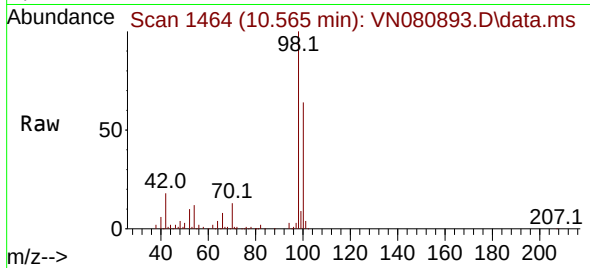




#50
Toluene-d8
Concen: 47.117 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080893.D
Acq: 05 Feb 2024 13:41

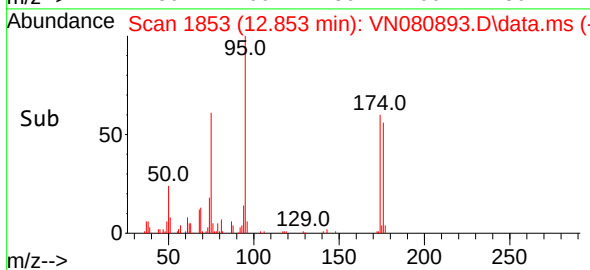
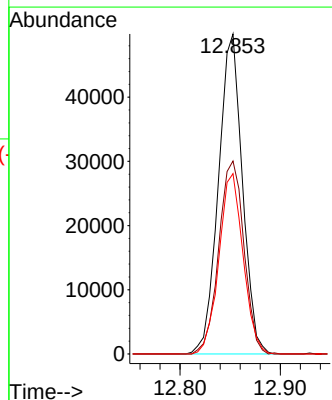
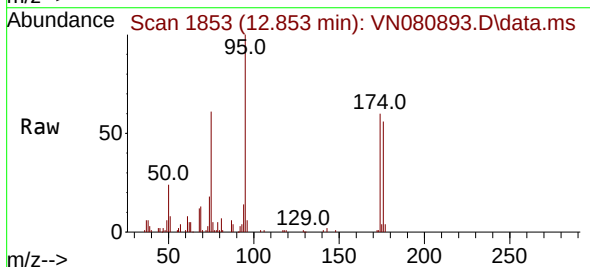
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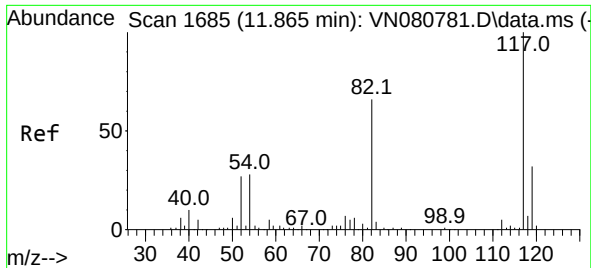
Tgt Ion: 98 Resp: 212089
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 52.602 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080893.D
Acq: 05 Feb 2024 13:41

Tgt Ion: 95 Resp: 82511
Ion Ratio Lower Upper
95 100
174 63.4 0.0 120.4
176 57.0 0.0 121.0

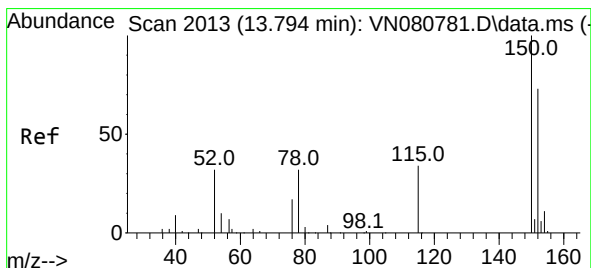
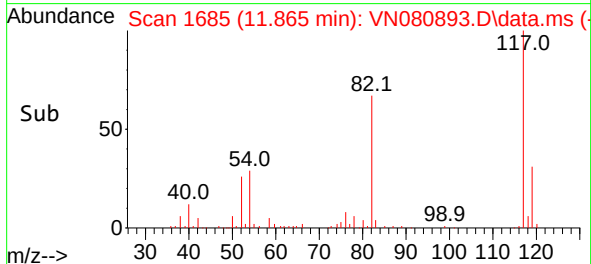
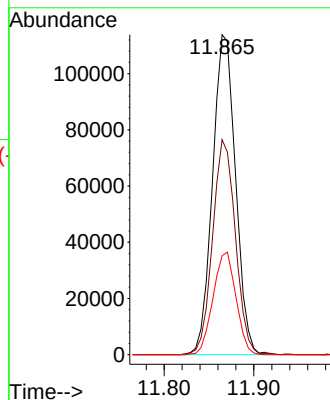
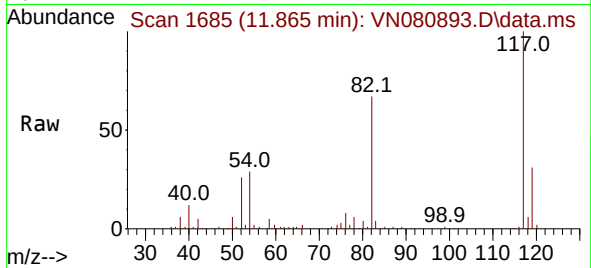




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080893.D
Acq: 05 Feb 2024 13:41

Instrument :
MSVOA_N
ClientSampleId :
VN0205MBL01

Tgt Ion:117 Resp: 203028
Ion Ratio Lower Upper
117 100
82 67.2 52.7 79.1
119 30.9 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: VN080893.D
Acq: 05 Feb 2024 13:41

Tgt Ion:152 Resp: 77961
Ion Ratio Lower Upper
152 100
115 69.9 32.3 96.8
150 163.0 0.0 339.8

