

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012924\
 Data File : VN080788.D
 Acq On : 29 Jan 2024 13:48
 Operator : JC\MD
 Sample : VN0129MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129MBL01

Quant Time: Jan 29 15:36:03 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	8.229	168	99435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	232416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	231767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	89970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	74967	43.580	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.160%
35) Dibromofluoromethane	8.165	113	61624	43.338	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.680%
50) Toluene-d8	10.565	98	251448	45.181	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.360%
62) 4-Bromofluorobenzene	12.853	95	96969	50.000	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.000%

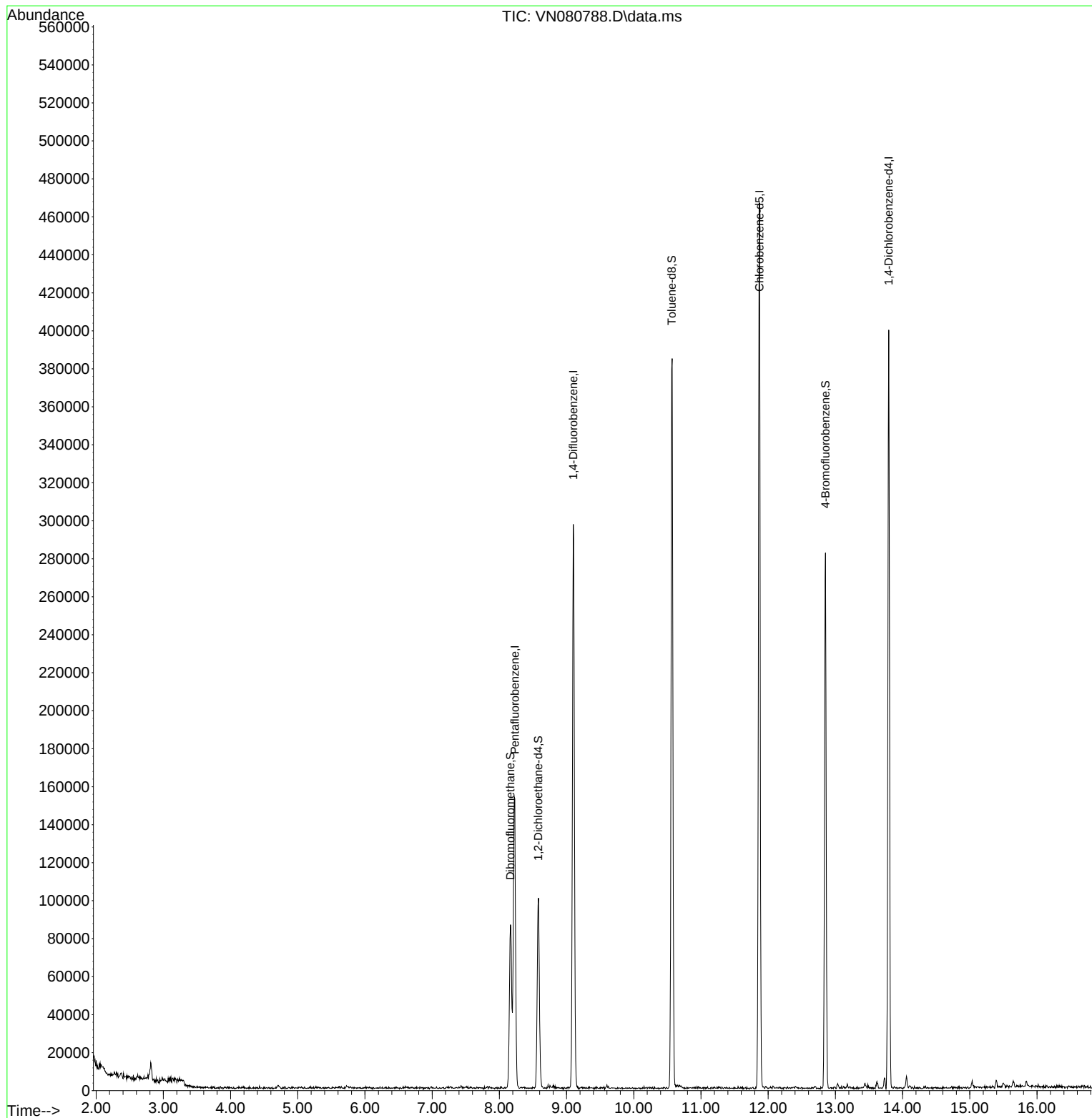
Target Compounds	Qvalue

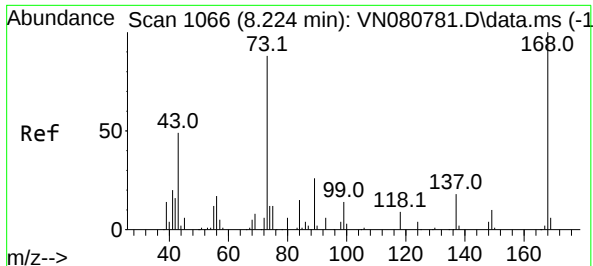
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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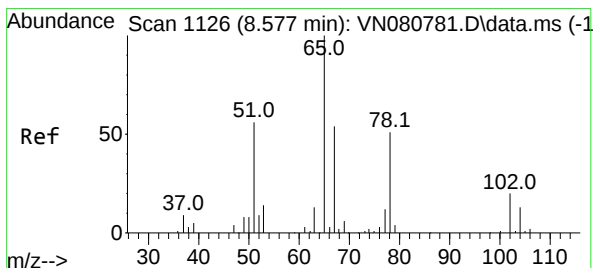
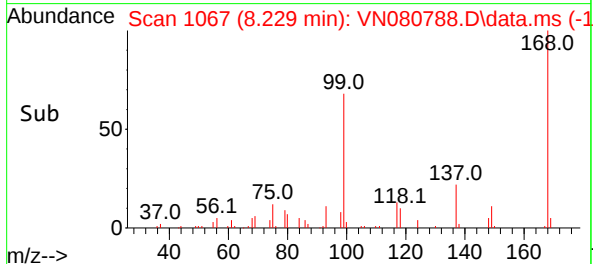
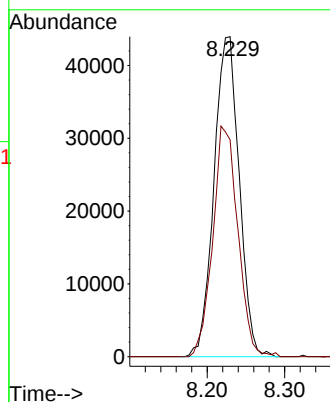
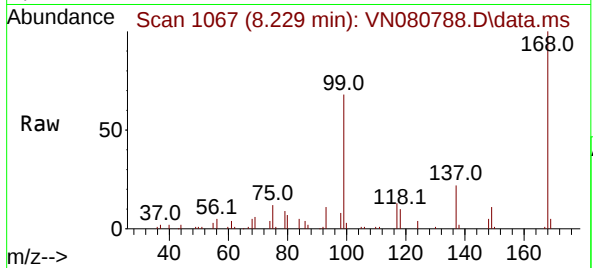




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN080788.D
Acq: 29 Jan 2024 13:48

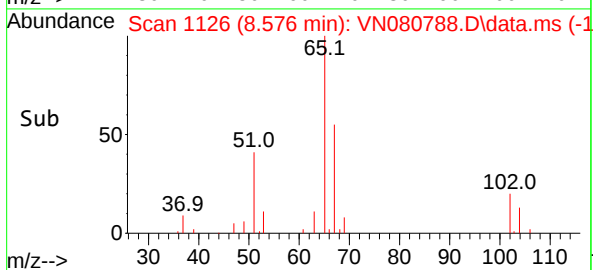
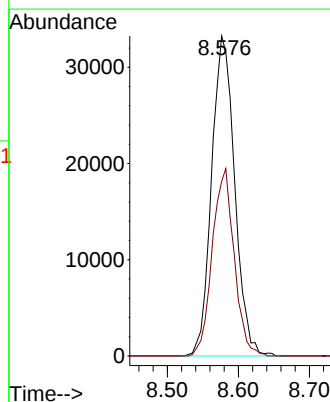
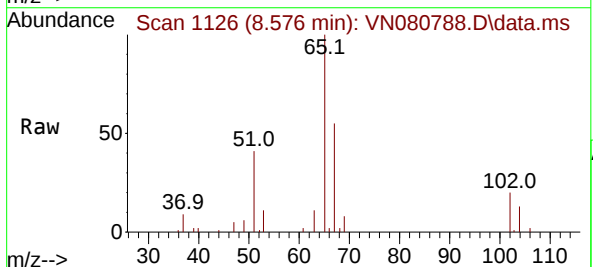
Instrument :
MSVOA_N
ClientSampleId :
VN0129MBL01

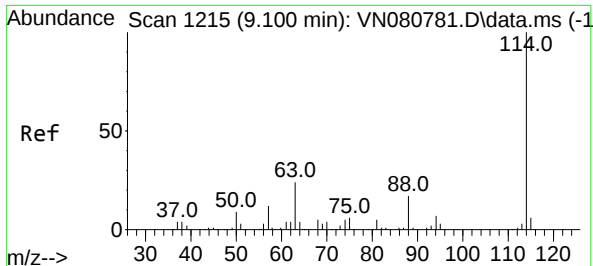
Tgt Ion:168 Resp: 99435
Ion Ratio Lower Upper
168 100
99 67.7 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 43.580 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080788.D
Acq: 29 Jan 2024 13:48

Tgt Ion: 65 Resp: 74967
Ion Ratio Lower Upper
65 100
67 55.6 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: VN080788.D

Acq: 29 Jan 2024 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0129MBL01

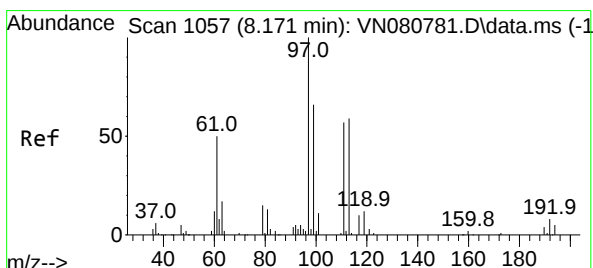
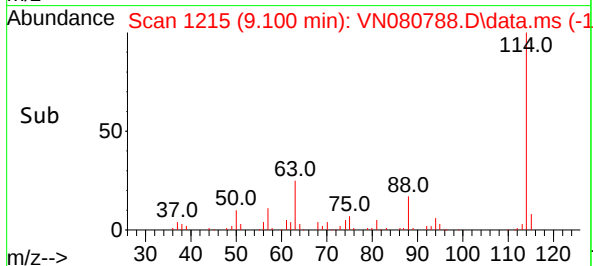
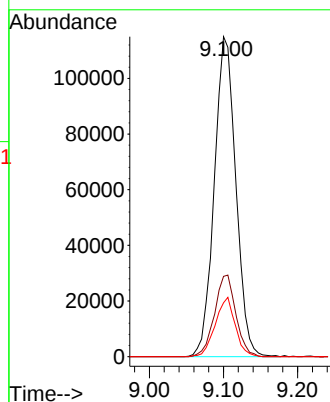
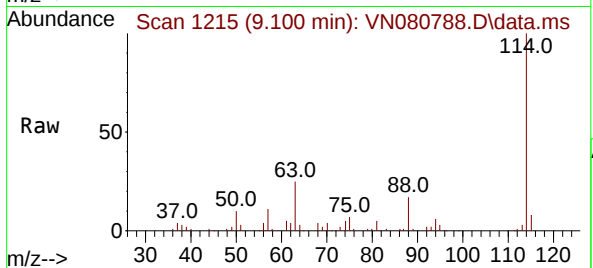
Tgt Ion:114 Resp: 232416

Ion Ratio Lower Upper

114 100

63 25.1 0.0 48.0

88 16.9 0.0 34.8



#35

Dibromofluoromethane

Concen: 43.338 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080788.D

Acq: 29 Jan 2024 13:48

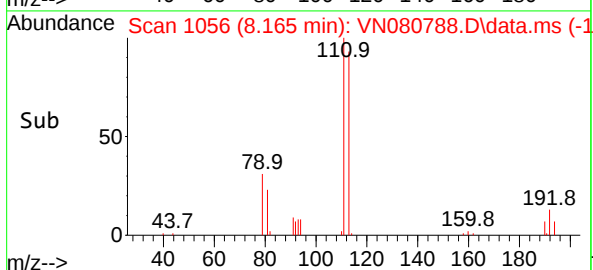
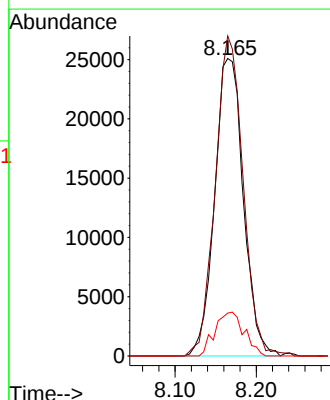
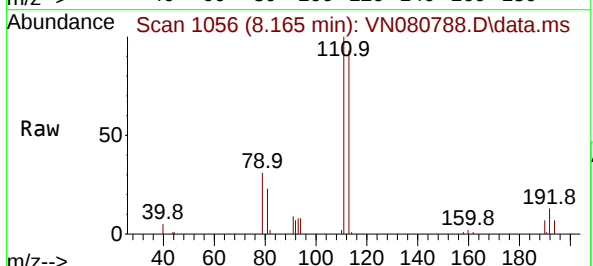
Tgt Ion:113 Resp: 61624

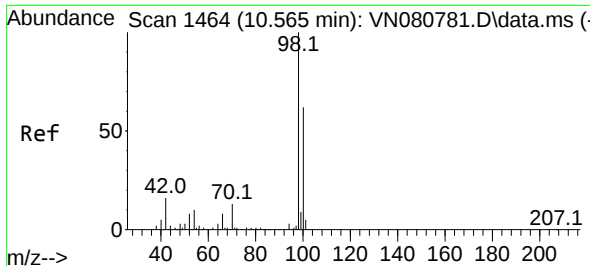
Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.4

192 15.0 12.5 18.7

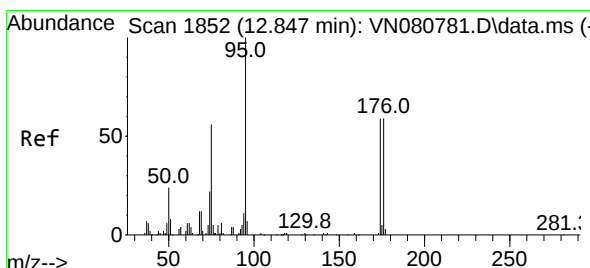
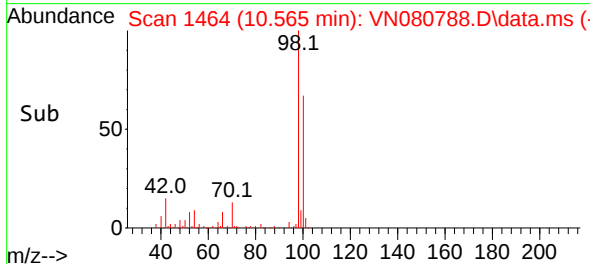
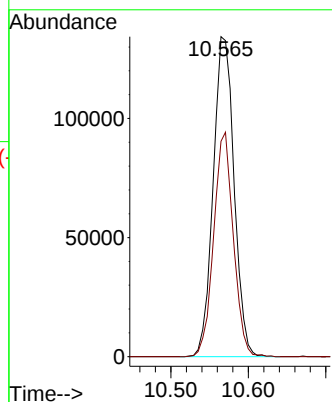
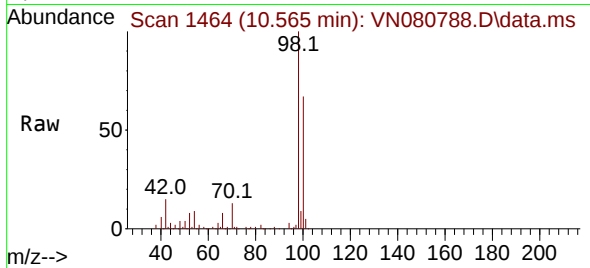




#50
Toluene-d8
Concen: 45.181 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080788.D
Acq: 29 Jan 2024 13:48

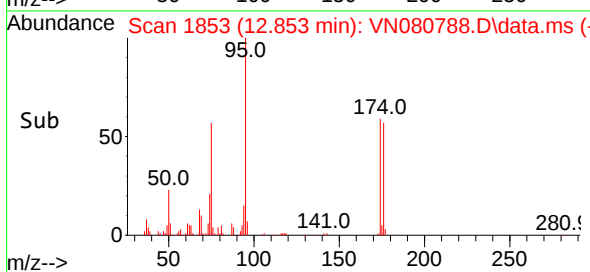
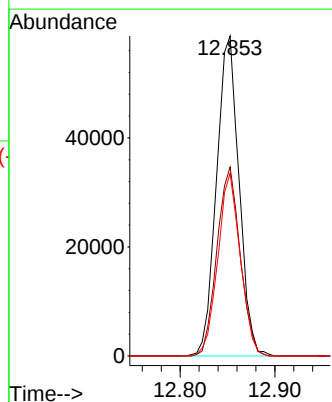
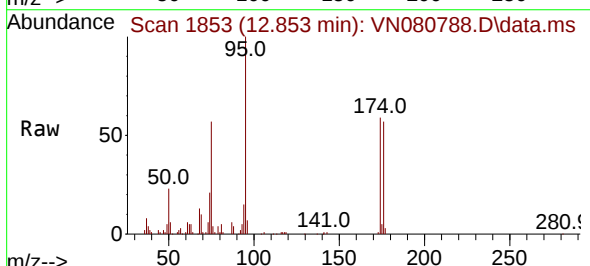
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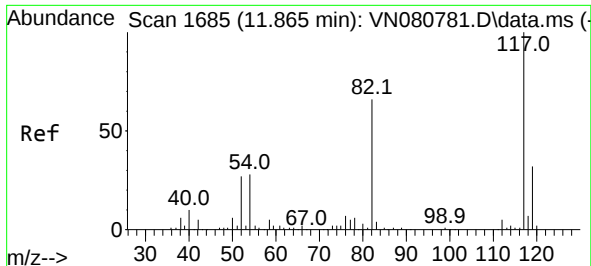
Tgt Ion: 98 Resp: 251448
Ion Ratio Lower Upper
98 100
100 66.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 50.000 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080788.D
Acq: 29 Jan 2024 13:48

Tgt Ion: 95 Resp: 96969
Ion Ratio Lower Upper
95 100
174 60.6 0.0 120.4
176 56.8 0.0 121.0

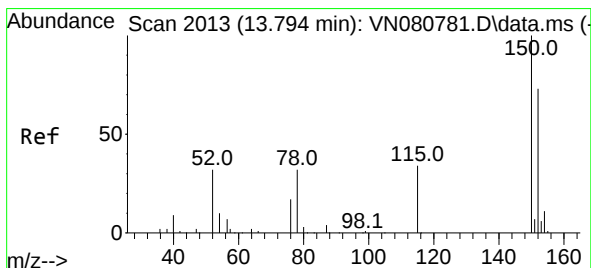
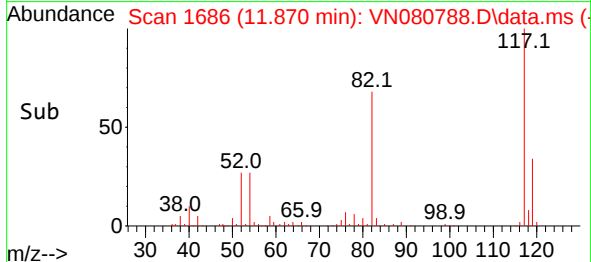
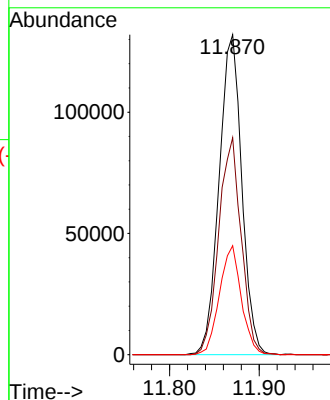
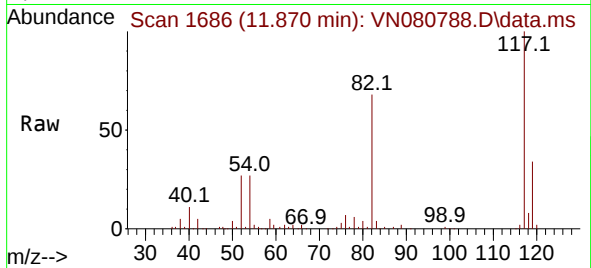




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080788.D
Acq: 29 Jan 2024 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0129MBL01

Tgt Ion:117 Resp: 231767
Ion Ratio Lower Upper
117 100
82 67.8 52.7 79.1
119 34.1 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: VN080788.D
Acq: 29 Jan 2024 13:48

Tgt Ion:152 Resp: 89970
Ion Ratio Lower Upper
152 100
115 68.7 32.3 96.8
150 155.0 0.0 339.8

