

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012924\
 Data File : VN080786.D
 Acq On : 29 Jan 2024 12:36
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 29 15:35:26 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	68044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	166867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	182359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	69052	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	71994	61.160	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	122.320%
35) Dibromofluoromethane	8.165	113	57633	56.453	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.900%
50) Toluene-d8	10.565	98	237428	59.420	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	118.840%#
62) 4-Bromofluorobenzene	12.847	95	88090	63.265	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	126.520%#

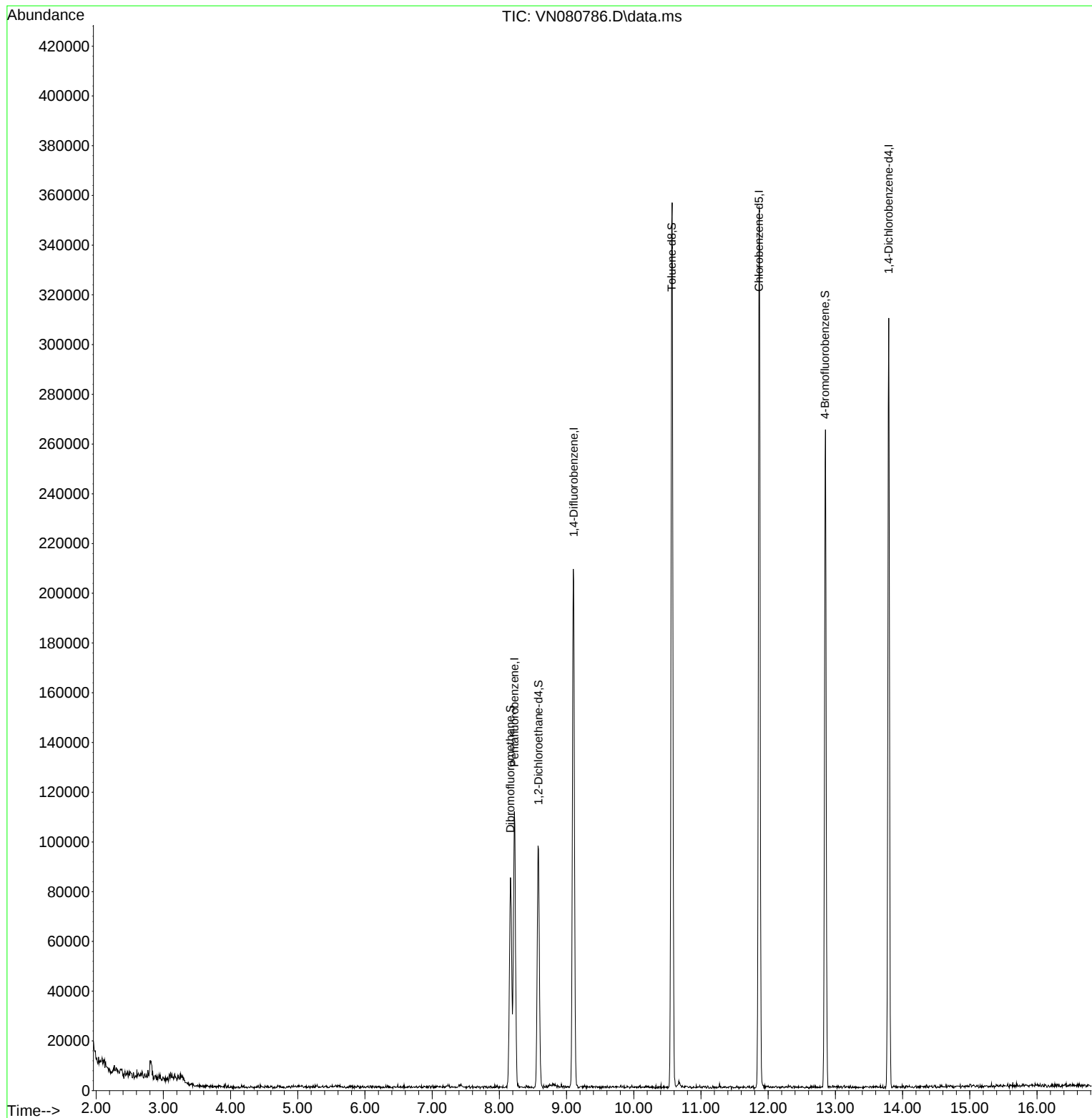
Target Compounds	Qvalue

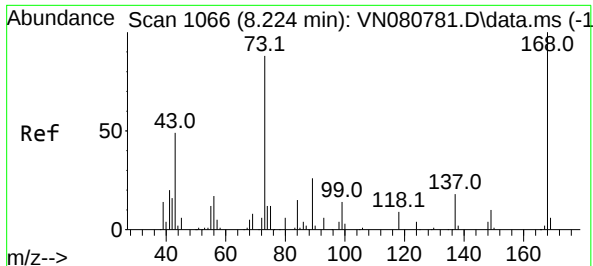
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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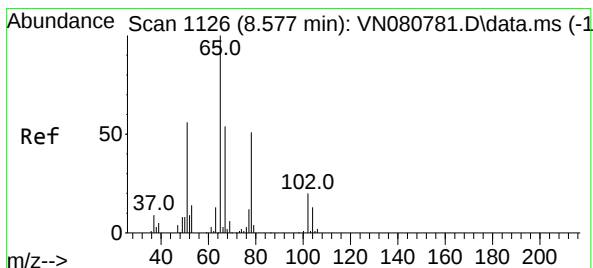
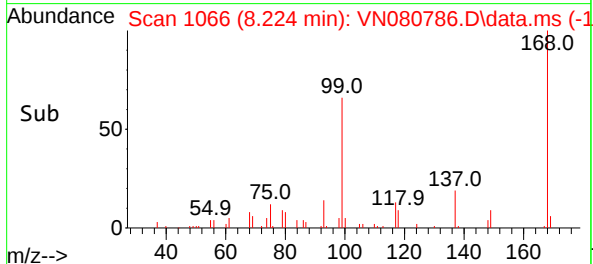
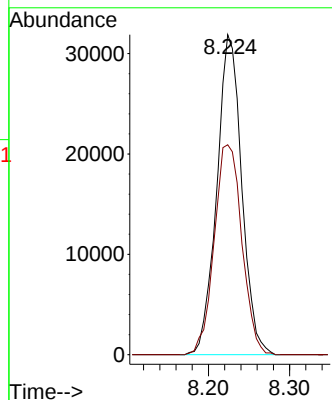
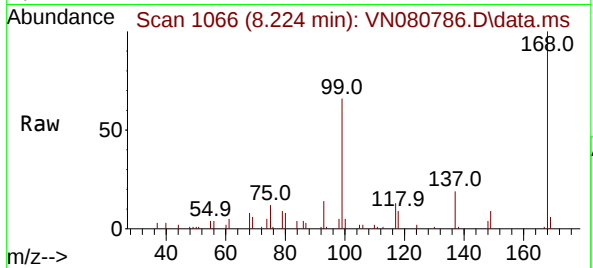




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080786.D
Acq: 29 Jan 2024 12:36

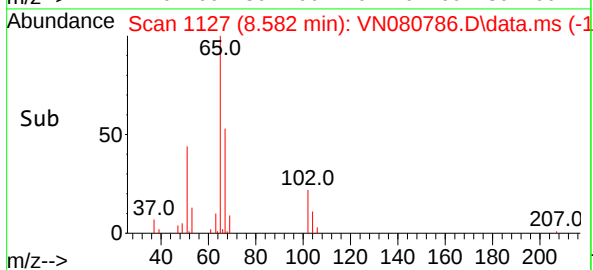
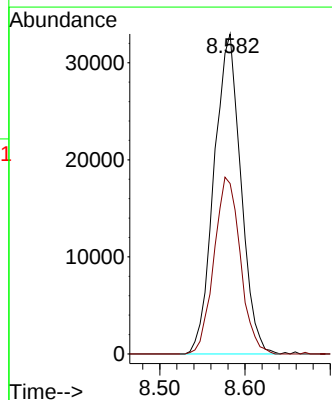
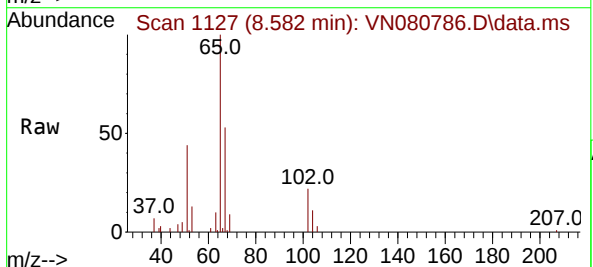
Instrument :
MSVOA_N
ClientSampleId :
IBLK

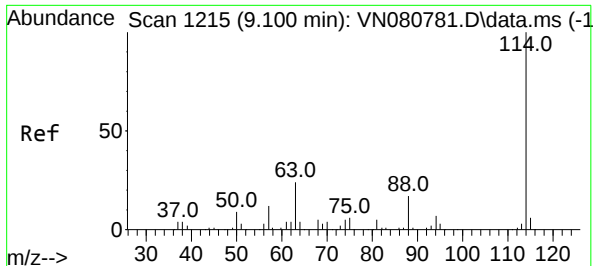
Tgt Ion:168 Resp: 68044
Ion Ratio Lower Upper
168 100
99 65.6 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 61.160 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080786.D
Acq: 29 Jan 2024 12:36

Tgt Ion: 65 Resp: 71994
Ion Ratio Lower Upper
65 100
67 54.3 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080786.D

Acq: 29 Jan 2024 12:36

Instrument :

MSVOA_N

ClientSampleId :

IBLK

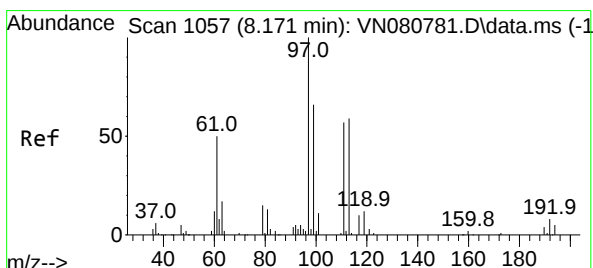
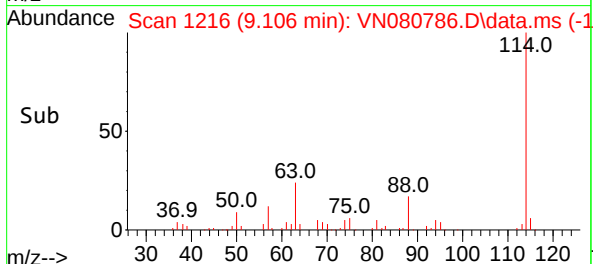
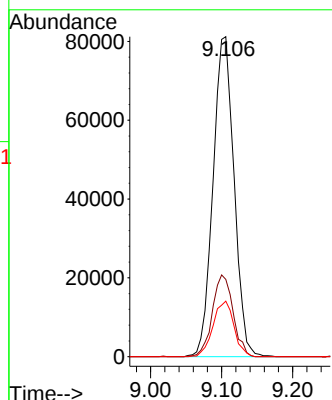
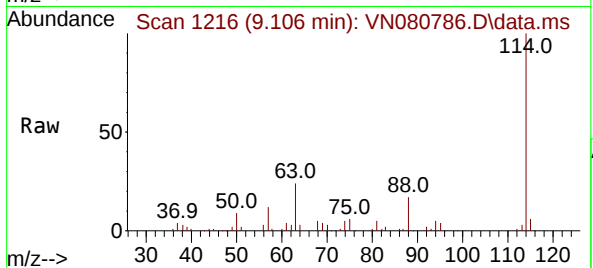
Tgt Ion:114 Resp: 166867

Ion Ratio Lower Upper

114 100

63 24.2 0.0 48.0

88 17.3 0.0 34.8



#35

Dibromofluoromethane

Concen: 56.453 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080786.D

Acq: 29 Jan 2024 12:36

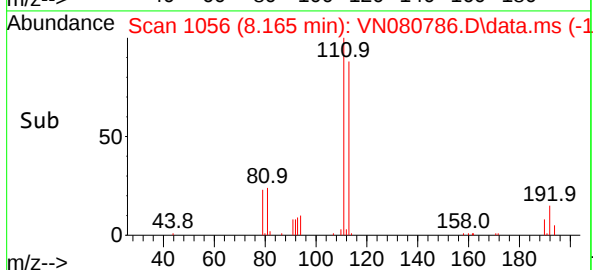
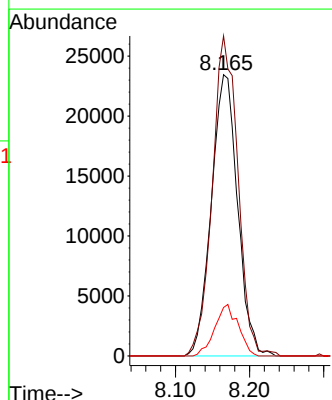
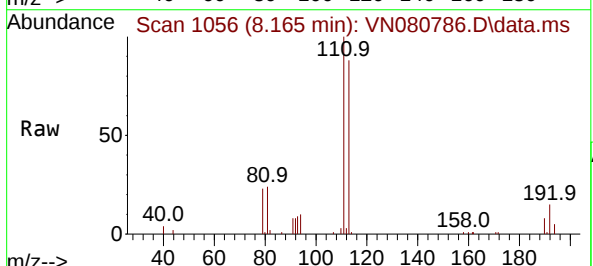
Tgt Ion:113 Resp: 57633

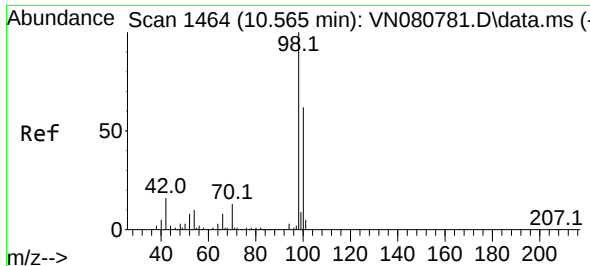
Ion Ratio Lower Upper

113 100

111 110.9 82.2 123.4

192 16.4 12.5 18.7

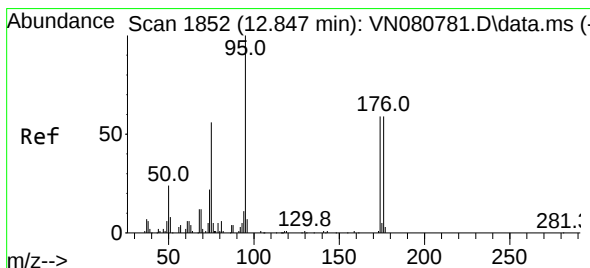
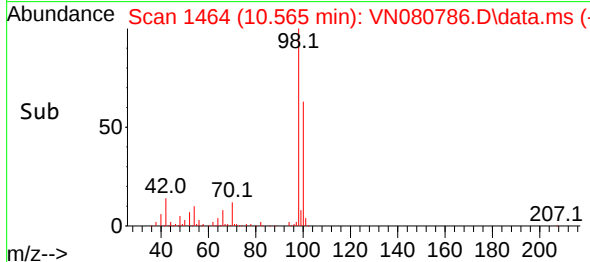
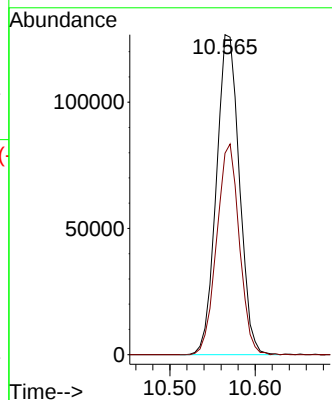
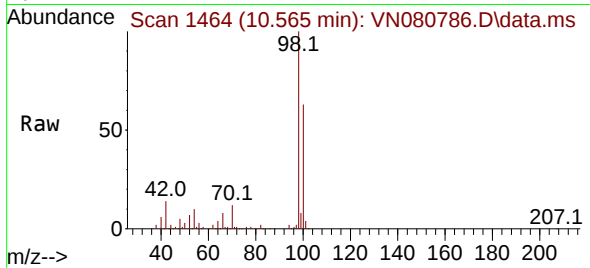




#50
Toluene-d8
Concen: 59.420 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080786.D
Acq: 29 Jan 2024 12:36

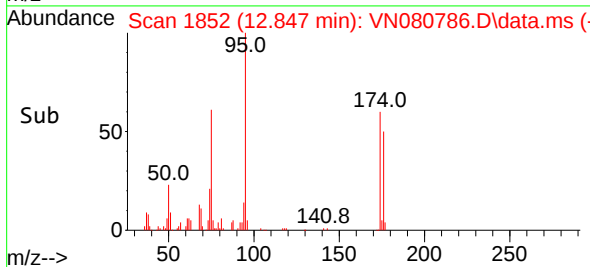
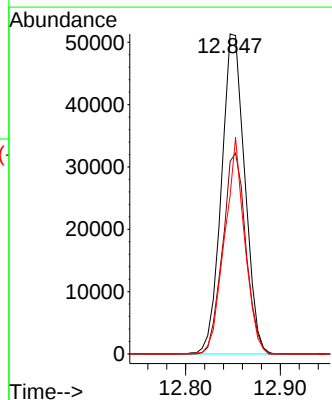
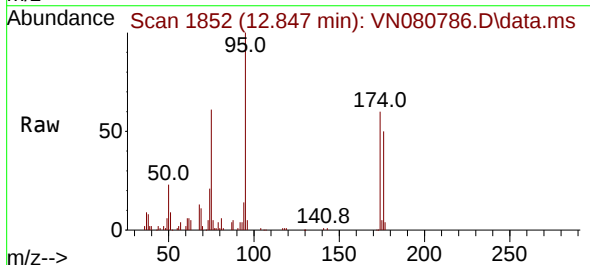
Instrument :
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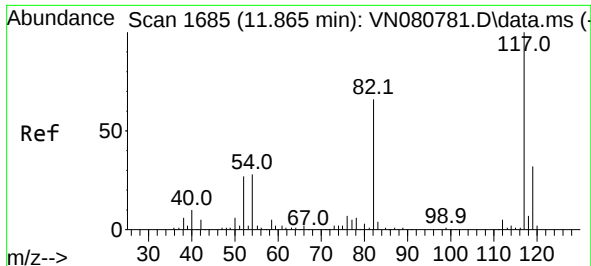
Tgt Ion: 98 Resp: 237428
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 63.265 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080786.D
Acq: 29 Jan 2024 12:36

Tgt Ion: 95 Resp: 88090
Ion Ratio Lower Upper
95 100
174 62.4 0.0 120.4
176 58.4 0.0 121.0

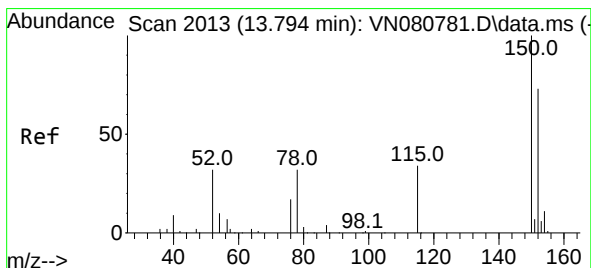
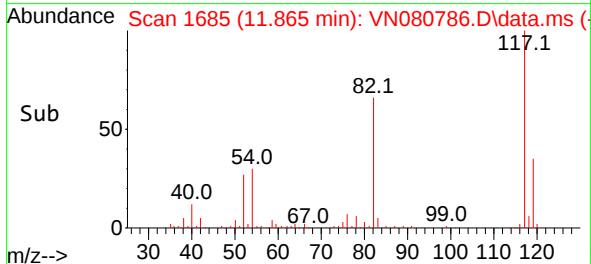
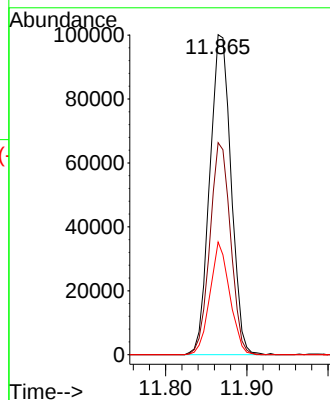
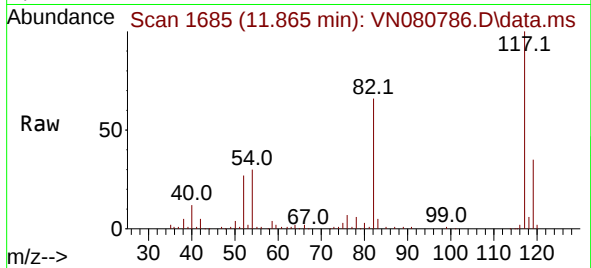




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080786.D
Acq: 29 Jan 2024 12:36

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 182359
Ion Ratio Lower Upper
117 100
82 66.3 52.7 79.1
119 35.2 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: VN080786.D
Acq: 29 Jan 2024 12:36

Tgt Ion:152 Resp: 69052
Ion Ratio Lower Upper
152 100
115 68.7 32.3 96.8
150 161.8 0.0 339.8

