

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052225\
 Data File : VN086763.D
 Acq On : 22 May 2025 13:55
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 23 01:38:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

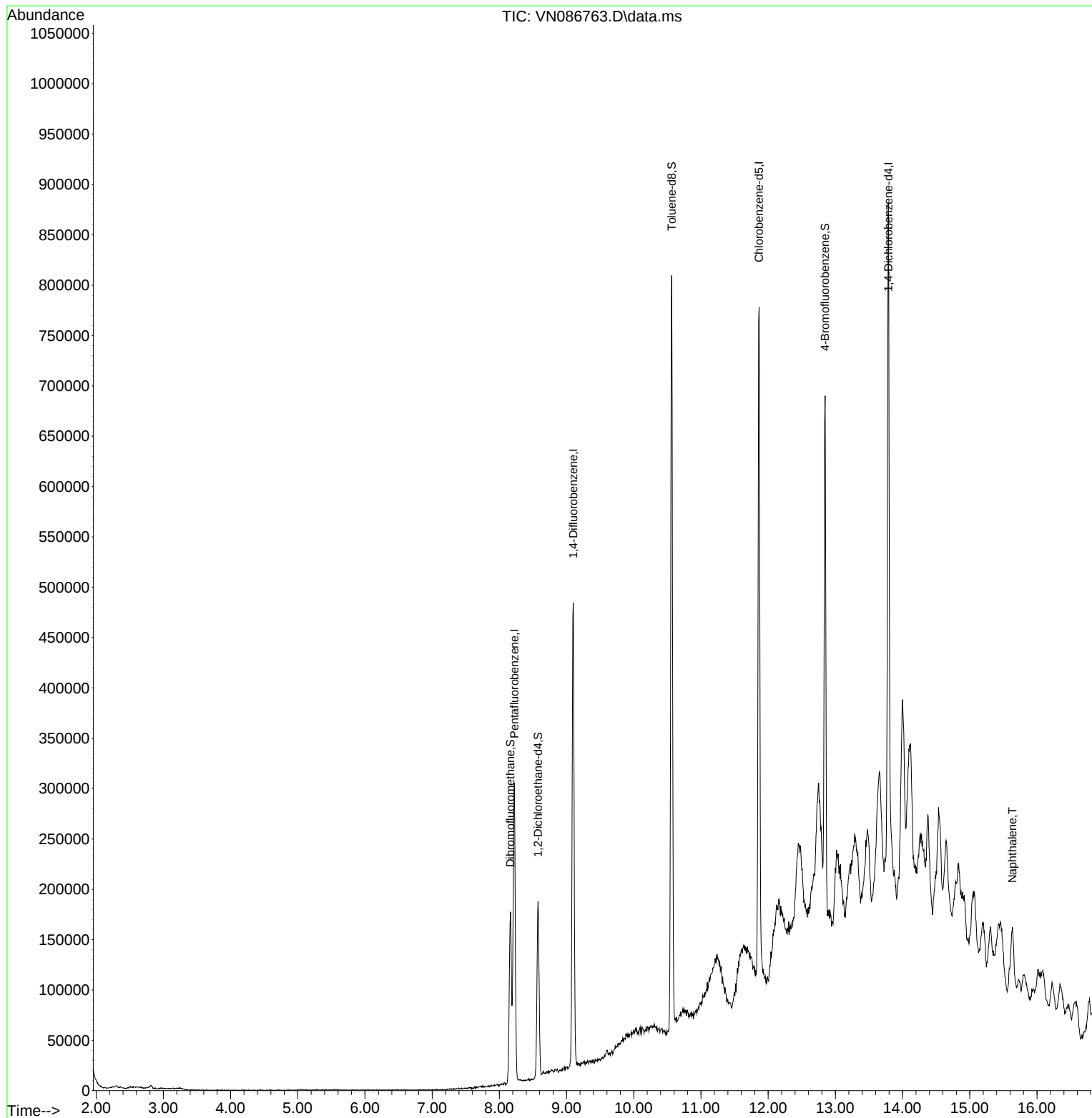
Internal Standards						
1) Pentafluorobenzene	8.224	168	230781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	433728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	420745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	187182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	141268	44.299	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.600%
35) Dibromofluoromethane	8.165	113	127989	49.550	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.100%
50) Toluene-d8	10.565	98	561229	52.431	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.860%
62) 4-Bromofluorobenzene	12.847	95	202176	53.491	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.980%
Target Compounds						
95) Naphthalene	15.635	128	36387	4.145	ug/l	Qvalue # 61

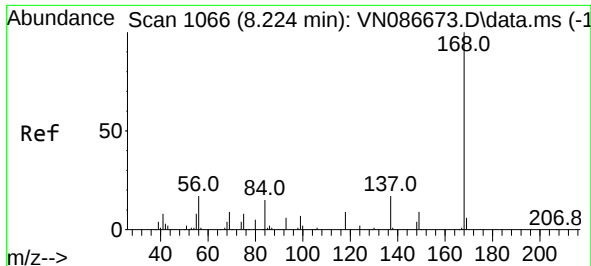
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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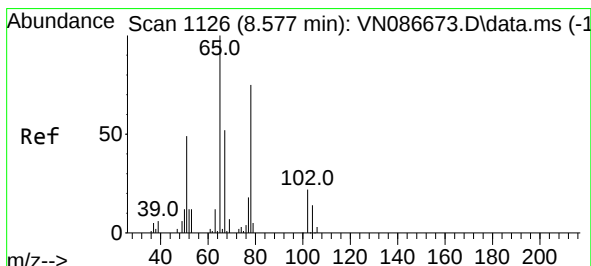
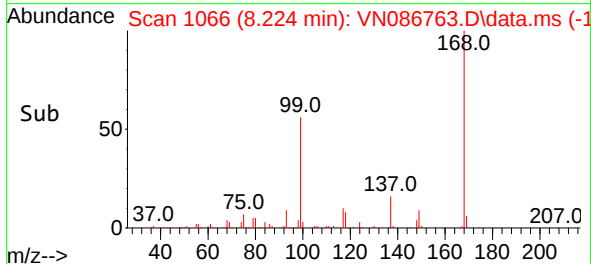
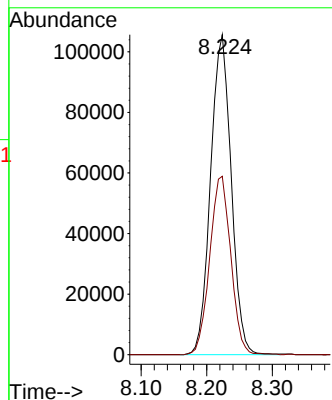
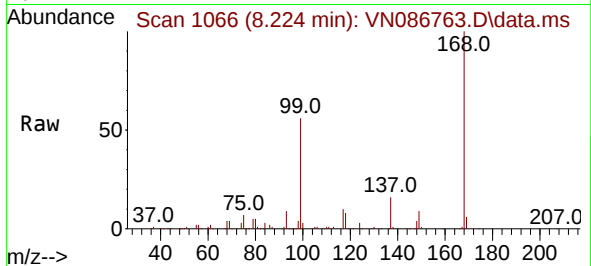




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086763.D
Acq: 22 May 2025 13:55

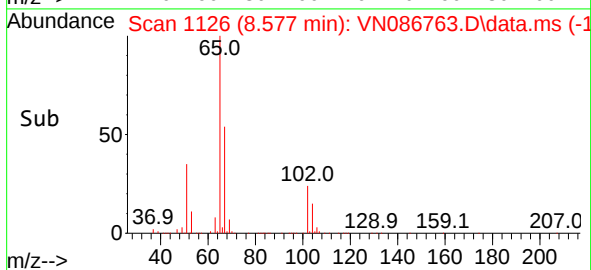
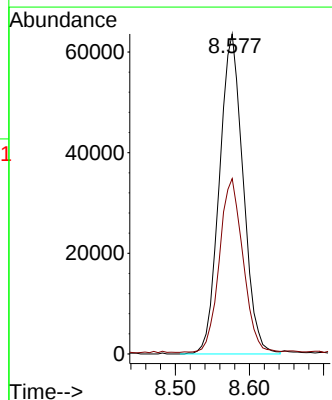
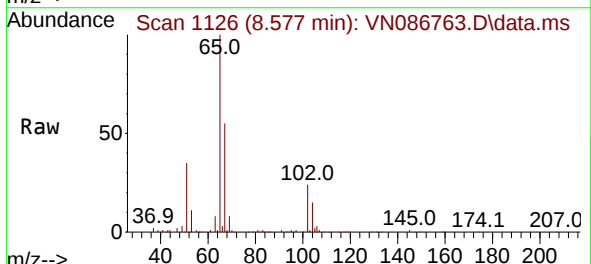
Instrument :
MSVOA_N
ClientSampleId :
IBLK

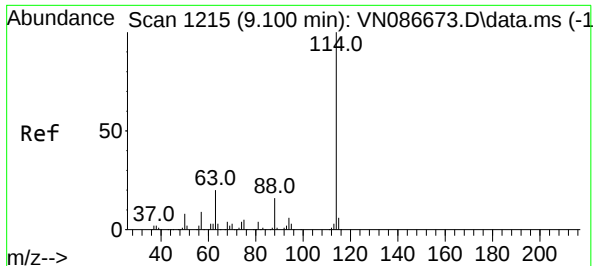
Tgt Ion:168 Resp: 230781
Ion Ratio Lower Upper
168 100
99 55.8 47.0 70.4



#33
1,2-Dichloroethane-d4
Concen: 44.299 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086763.D
Acq: 22 May 2025 13:55

Tgt Ion: 65 Resp: 141268
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086763.D

Acq: 22 May 2025 13:55

Instrument :

MSVOA_N

ClientSampleId :

IBLK

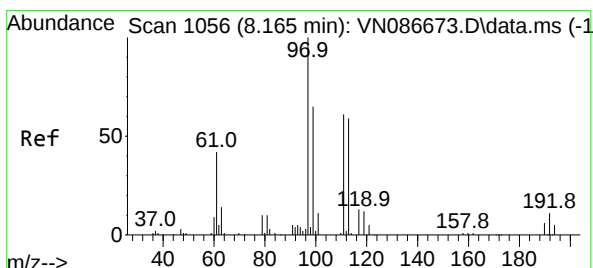
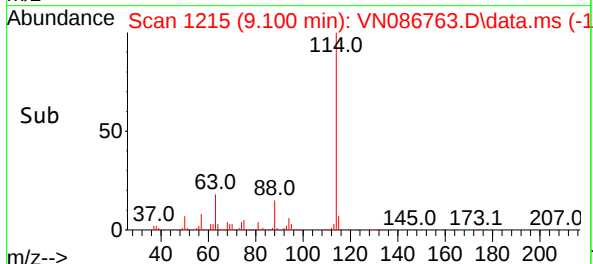
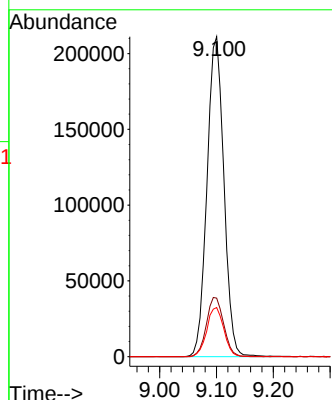
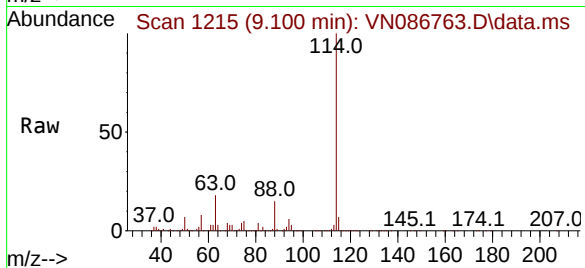
Tgt Ion:114 Resp: 433728

Ion Ratio Lower Upper

114 100

63 18.3 0.0 40.2

88 15.4 0.0 31.2



#35

Dibromofluoromethane

Concen: 49.550 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086763.D

Acq: 22 May 2025 13:55

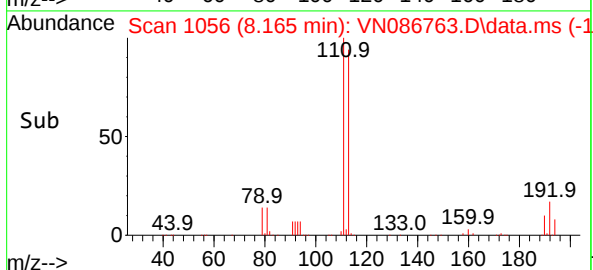
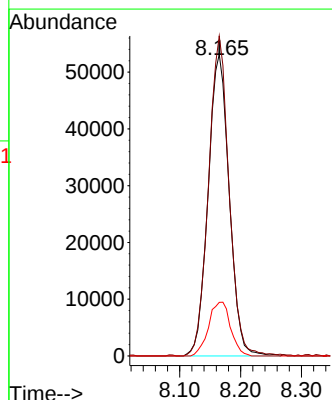
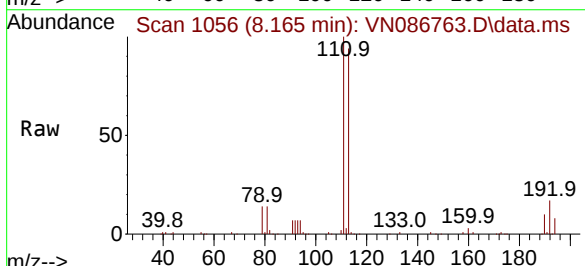
Tgt Ion:113 Resp: 127989

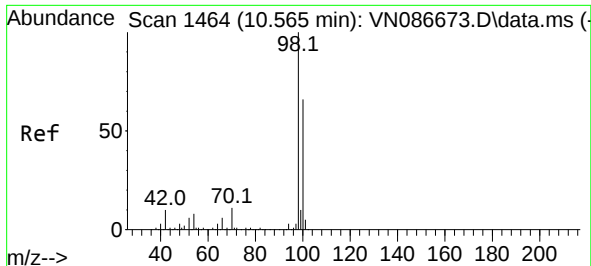
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.2

192 18.6 13.8 20.8

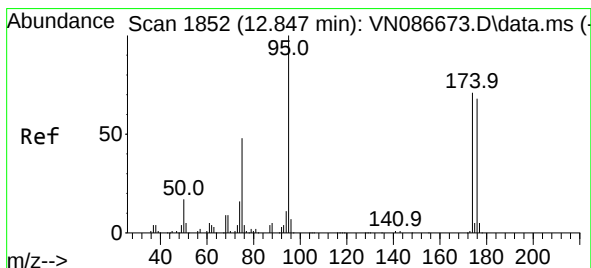
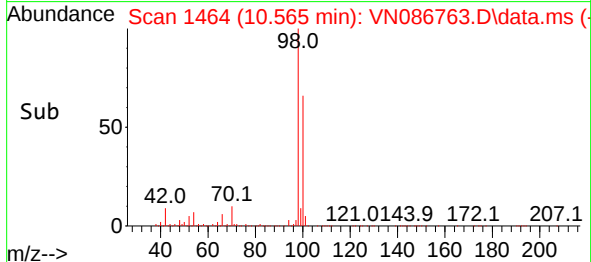
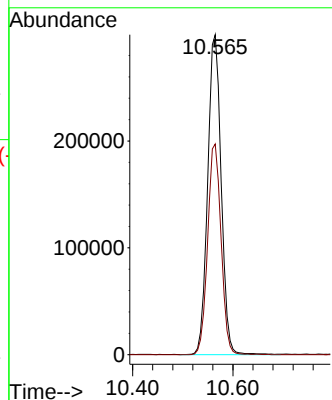
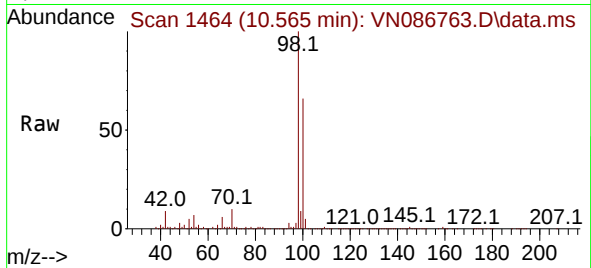




#50
Toluene-d8
Concen: 52.431 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086763.D
Acq: 22 May 2025 13:55

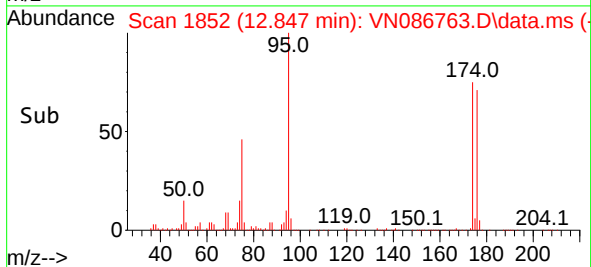
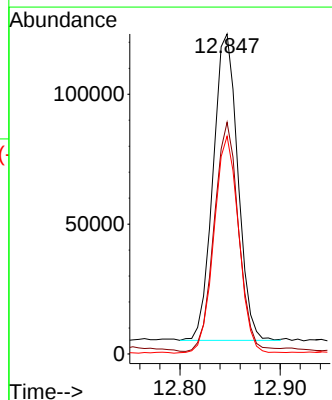
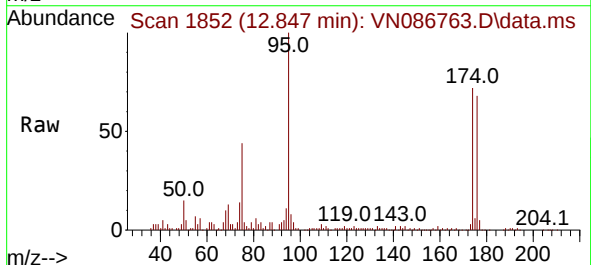
Instrument :
MSVOA_N
ClientSampleId :
IBLK

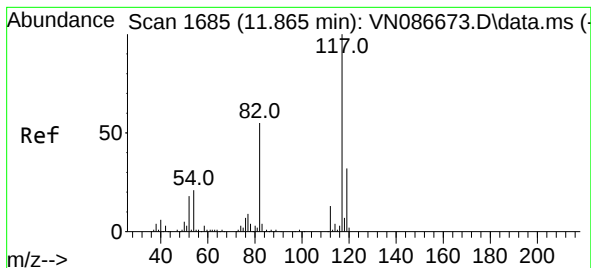
Tgt Ion: 98 Resp: 561229
Ion Ratio Lower Upper
98 100
100 65.4 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 53.491 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086763.D
Acq: 22 May 2025 13:55

Tgt Ion: 95 Resp: 202176
Ion Ratio Lower Upper
95 100
174 73.9 0.0 145.4
176 70.7 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086763.D

Acq: 22 May 2025 13:55

Instrument :

MSVOA_N

ClientSampleId :

IBLK

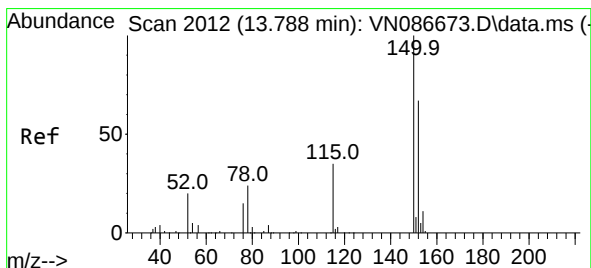
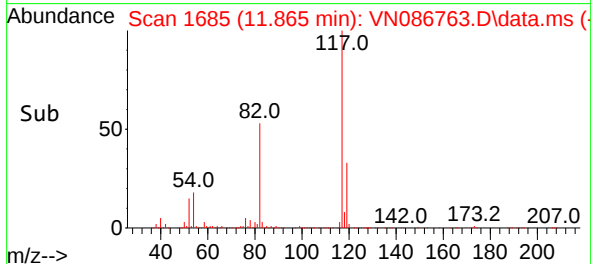
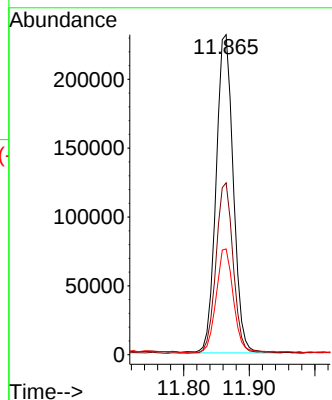
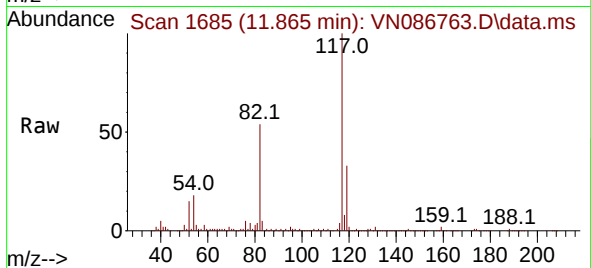
Tgt Ion:117 Resp: 420745

Ion Ratio Lower Upper

117 100

82 53.5 44.2 66.2

119 32.5 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN086763.D

Acq: 22 May 2025 13:55

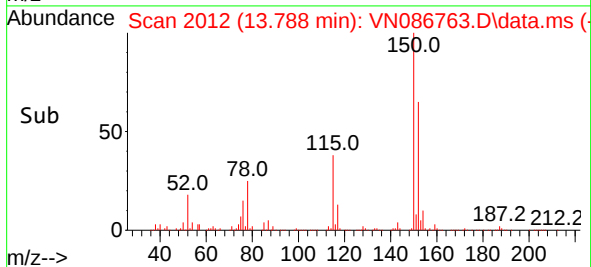
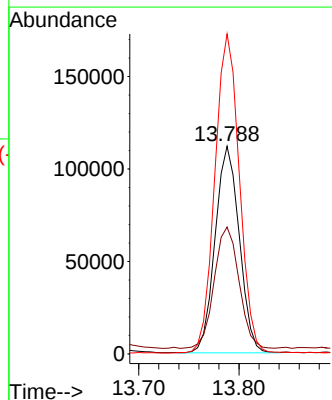
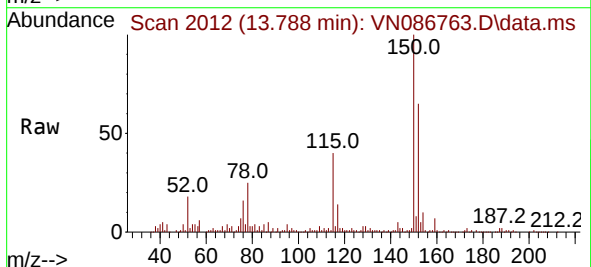
Tgt Ion:152 Resp: 187182

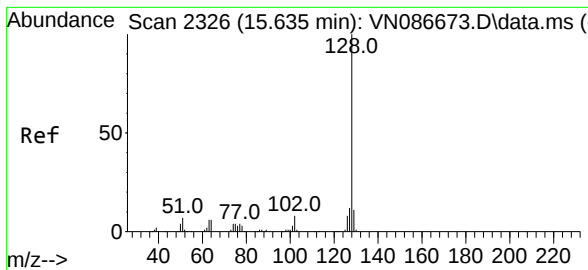
Ion Ratio Lower Upper

152 100

115 60.4 30.0 90.1

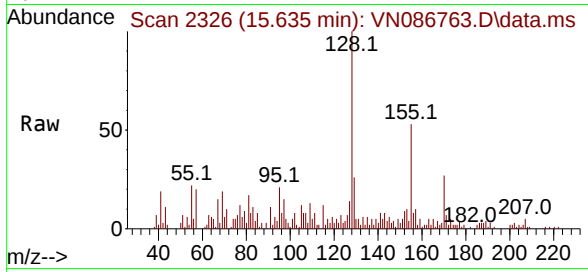
150 156.7 0.0 347.8





#95
Naphthalene
Concen: 4.145 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086763.D
Acq: 22 May 2025 13:55

Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion:128 Resp: 36387
Ion Ratio Lower Upper
128 100
127 18.4 10.1 15.1#
129 36.1 8.6 13.0#

