

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
 Data File : VN086501.D
 Acq On : 05 May 2025 21:14
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 06 01:48:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	172013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	320360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	296505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127693	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119899	48.068	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.140%
35) Dibromofluoromethane	8.165	113	89100	59.926	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	119.860%
50) Toluene-d8	10.565	98	400926	50.454	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.900%
62) 4-Bromofluorobenzene	12.847	95	139865	48.256	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.520%

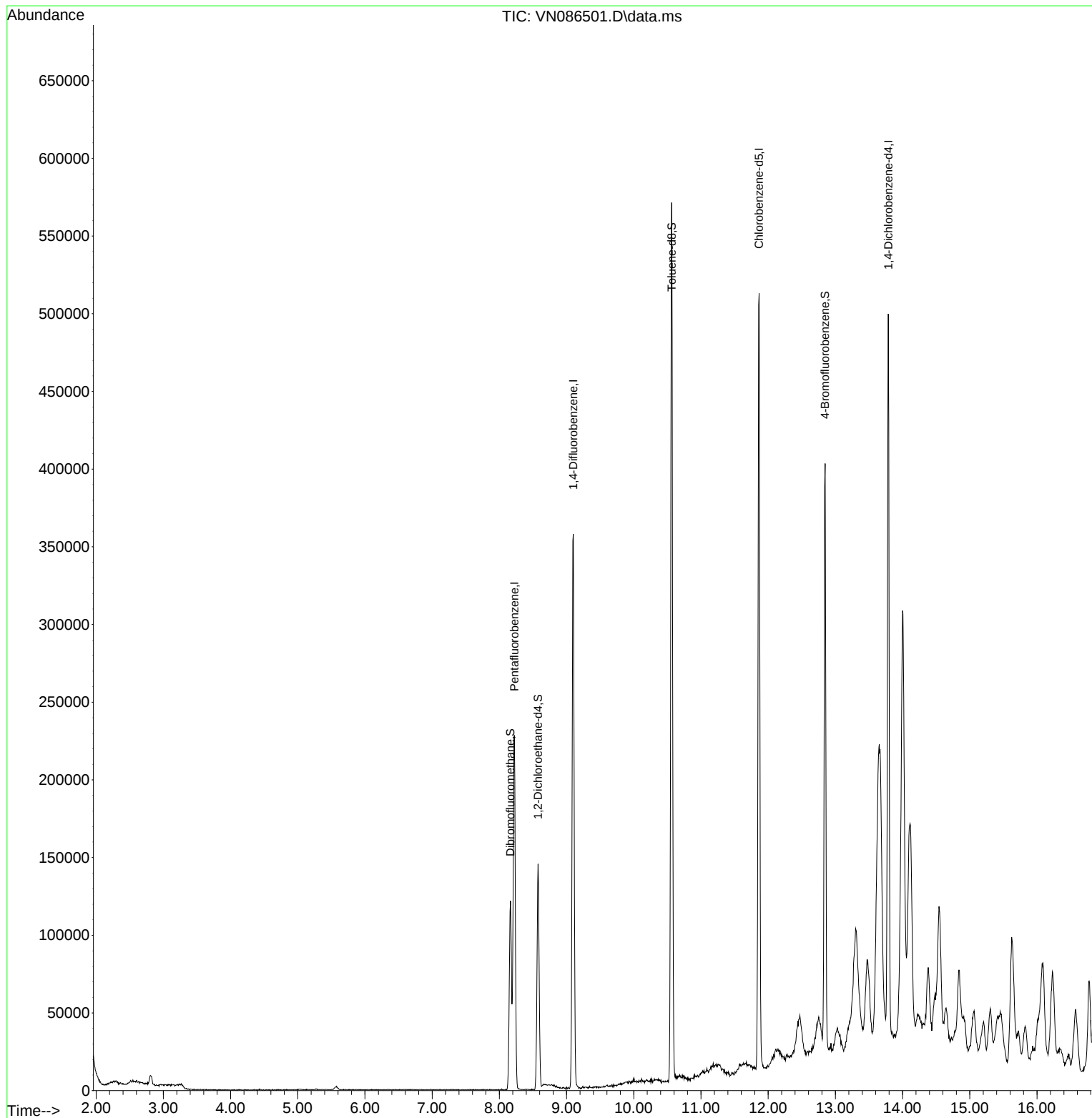
Target Compounds	Qvalue

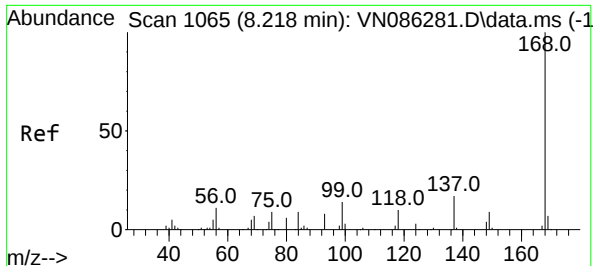
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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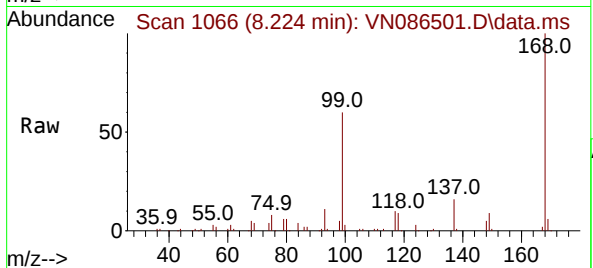
Quant Time: May 06 01:48:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
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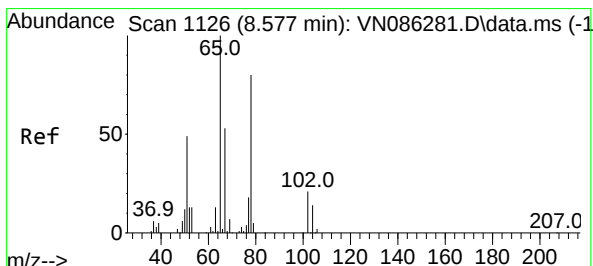
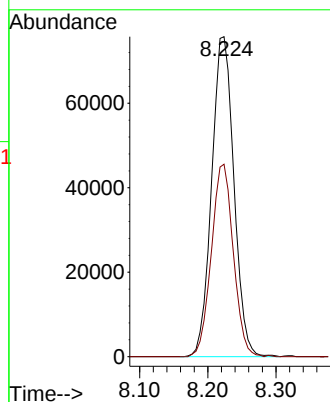
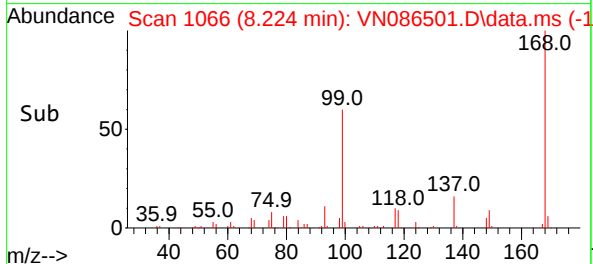


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086501.D
Acq: 05 May 2025 21:14

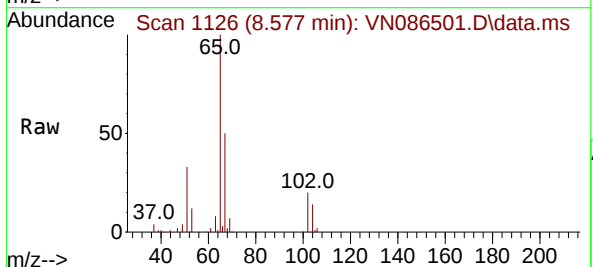
Instrument :
MSVOA_N
ClientSampleId :
IBLK



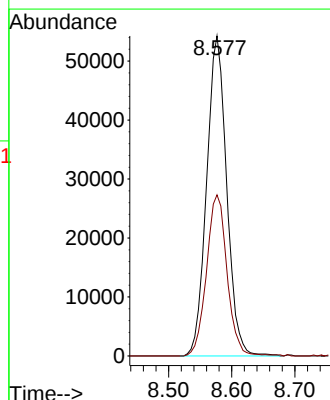
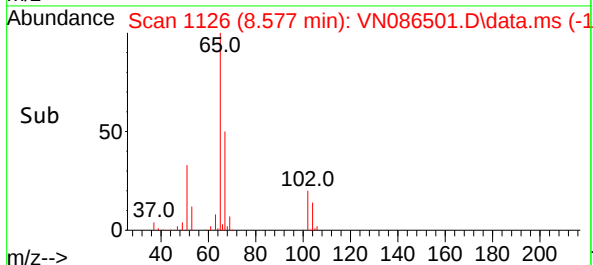
Tgt Ion:168 Resp: 172013
Ion Ratio Lower Upper
168 100
99 60.1 52.5 78.7

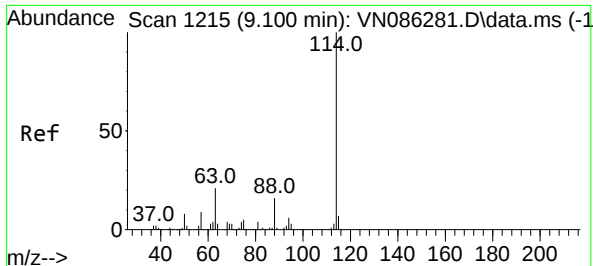


#33
1,2-Dichloroethane-d4
Concen: 48.068 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086501.D
Acq: 05 May 2025 21:14



Tgt Ion: 65 Resp: 119899
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.0

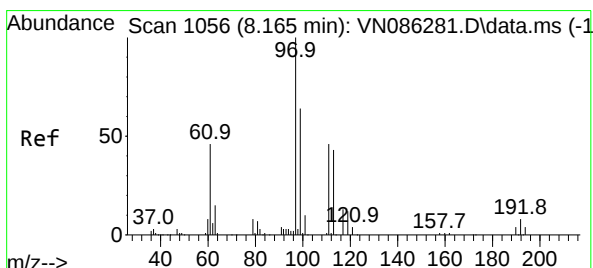
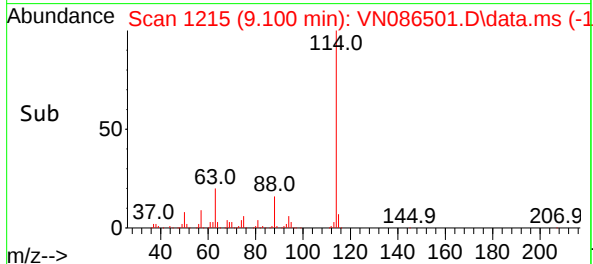
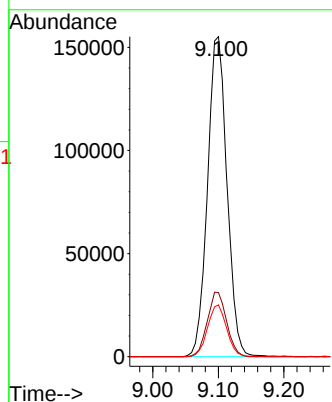
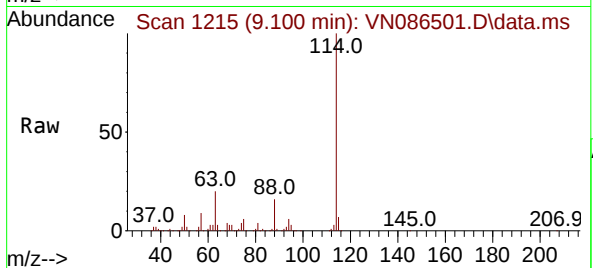




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086501.D
Acq: 05 May 2025 21:14

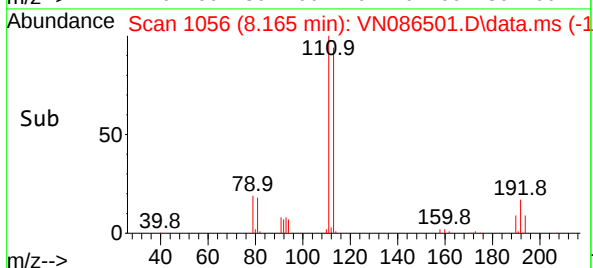
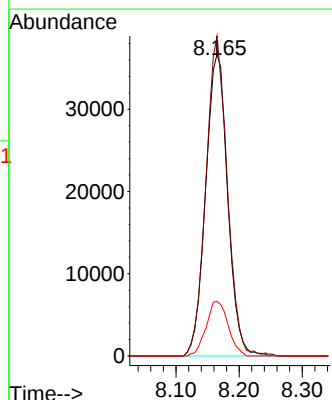
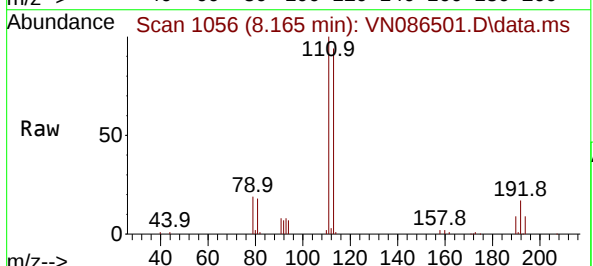
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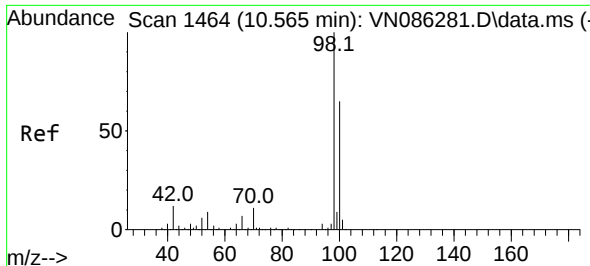
Tgt Ion:114 Resp: 320360
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.6
88 16.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 59.926 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086501.D
Acq: 05 May 2025 21:14

Tgt Ion:113 Resp: 89100
Ion Ratio Lower Upper
113 100
111 102.2 83.4 125.0
192 18.0 13.7 20.5

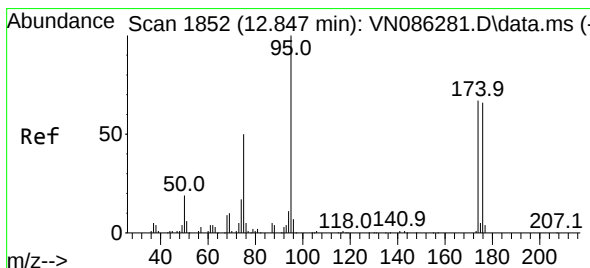
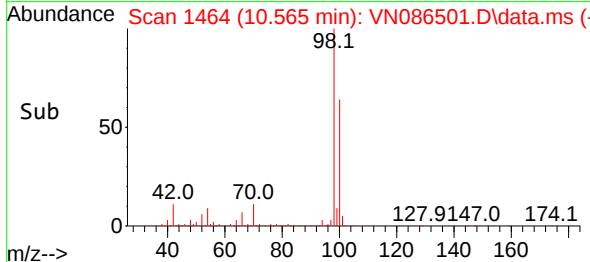
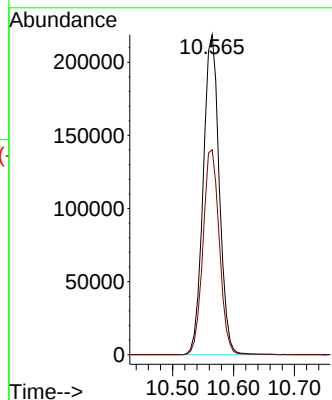
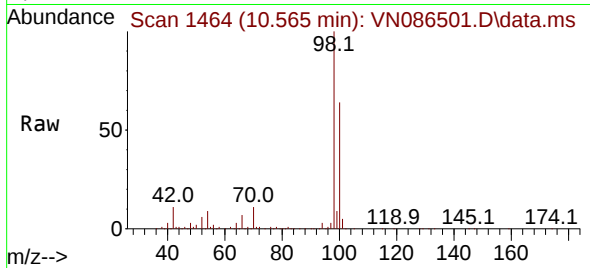




#50
Toluene-d8
Concen: 50.454 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086501.D
Acq: 05 May 2025 21:14

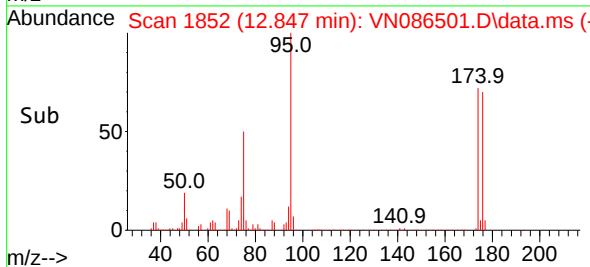
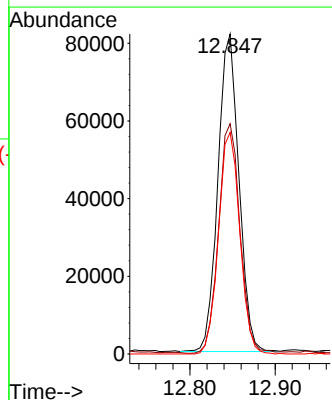
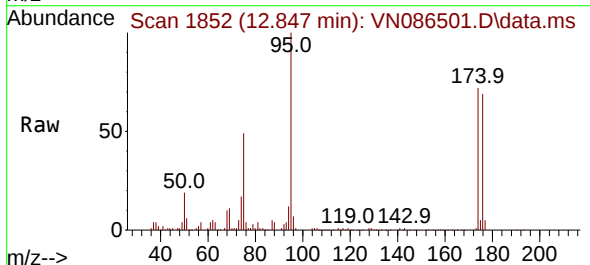
Instrument :
MSVOA_N
ClientSampleId :
IBLK

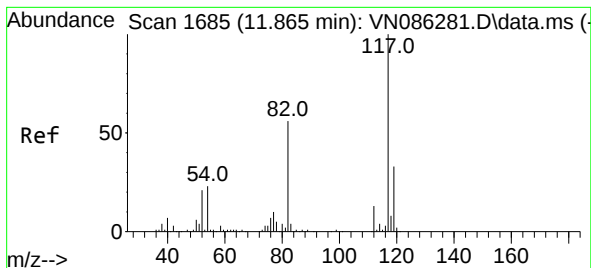
Tgt Ion: 98 Resp: 400926
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 48.256 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086501.D
Acq: 05 May 2025 21:14

Tgt Ion: 95 Resp: 139865
Ion Ratio Lower Upper
95 100
174 74.0 0.0 133.4
176 70.6 0.0 129.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086501.D

Acq: 05 May 2025 21:14

Instrument :

MSVOA_N

ClientSampleId :

IBLK

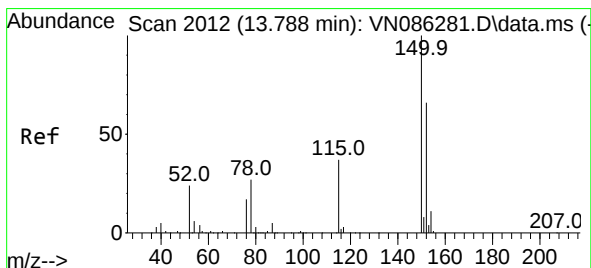
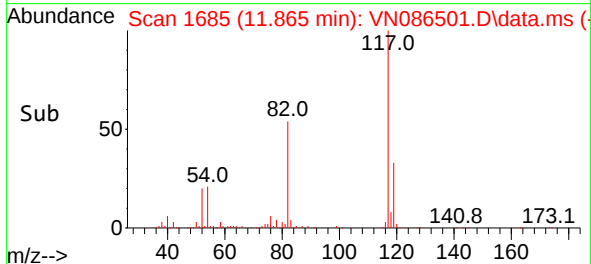
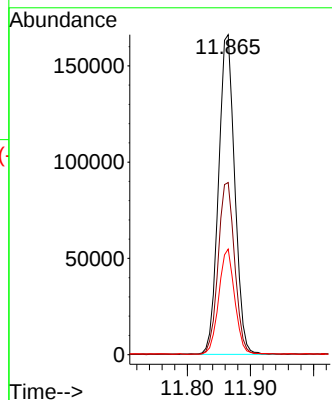
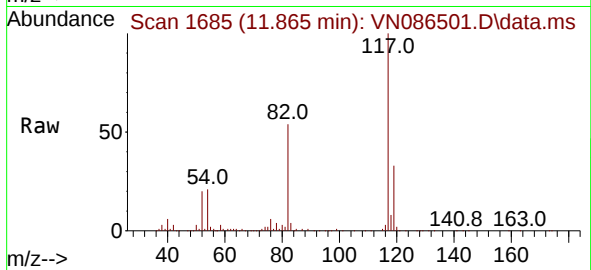
Tgt Ion:117 Resp: 296505

Ion Ratio Lower Upper

117 100

82 53.7 44.7 67.1

119 32.8 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN086501.D

Acq: 05 May 2025 21:14

Tgt Ion:152 Resp: 127693

Ion Ratio Lower Upper

152 100

115 60.5 31.9 95.9

150 157.1 0.0 352.0

