

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051425\
 Data File : VN086625.D
 Acq On : 14 May 2025 14:32
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 15 03:03:48 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	178593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	343175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	338562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	144408	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	126543	48.863	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.720%
35) Dibromofluoromethane	8.165	113	103818	65.183	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	130.360%#
50) Toluene-d8	10.565	98	443915	52.150	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.300%
62) 4-Bromofluorobenzene	12.847	95	165504	53.306	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.620%

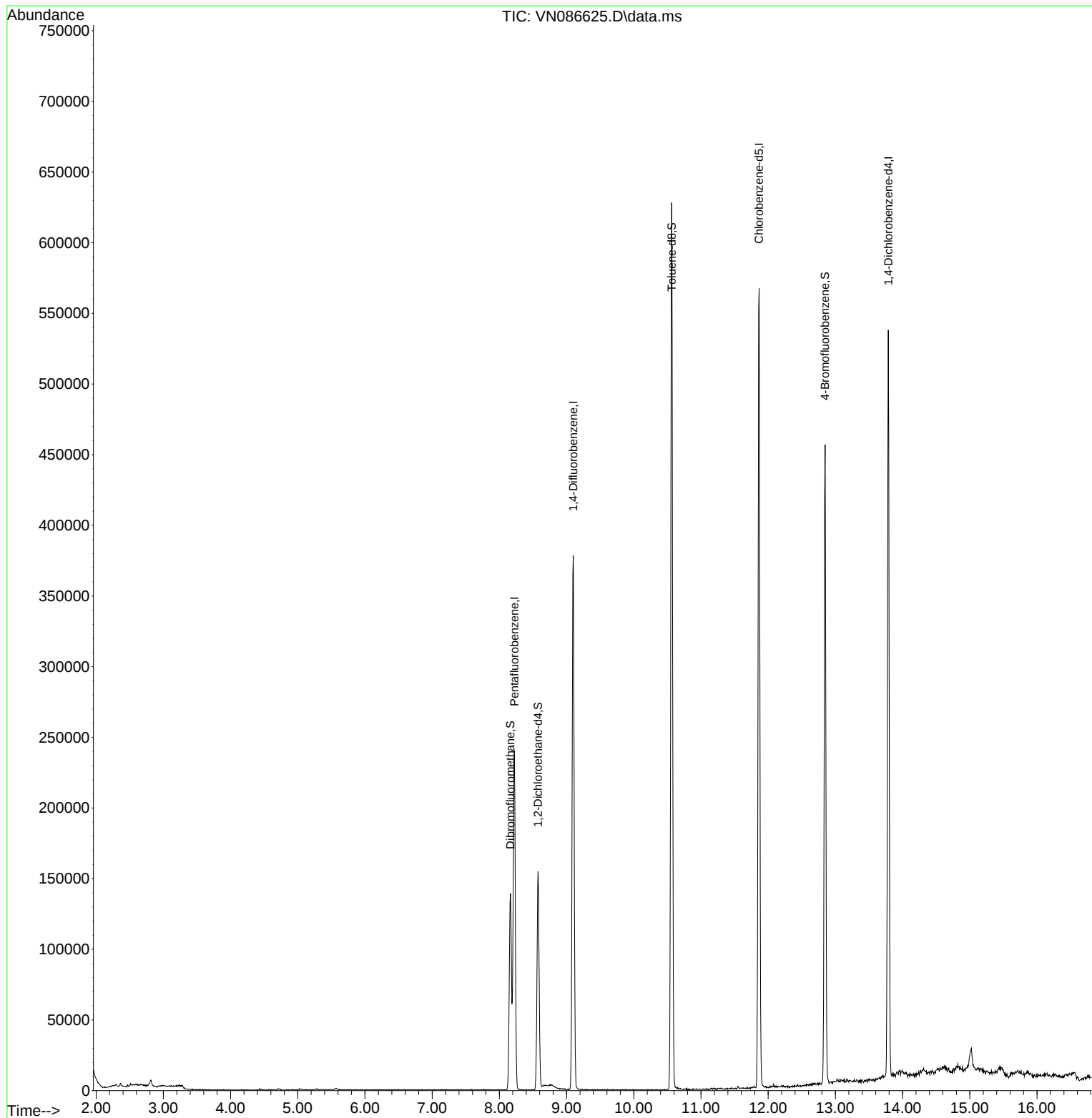
Target Compounds	Qvalue

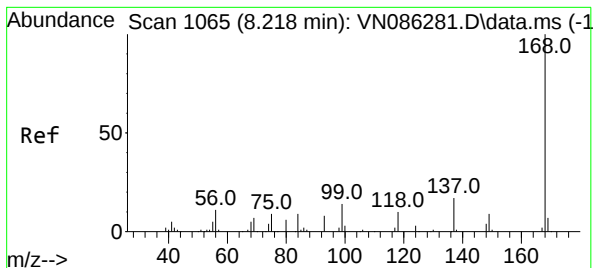
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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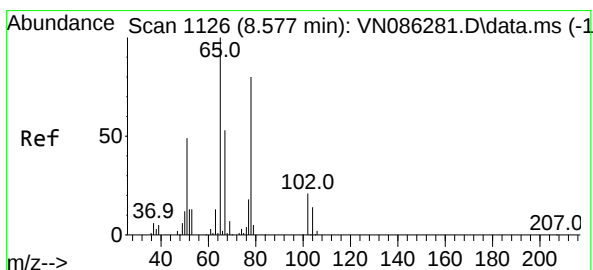
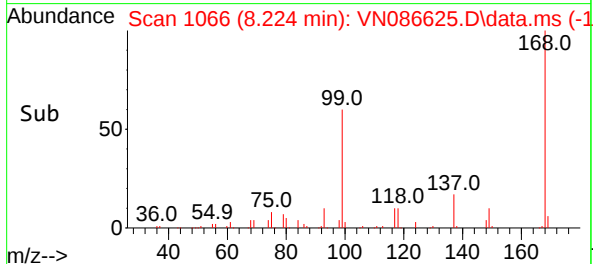
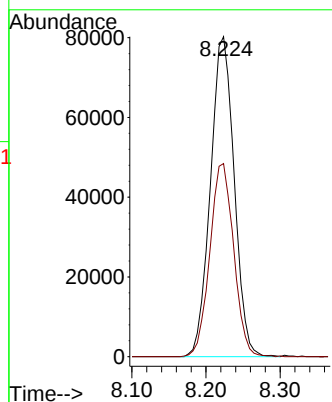
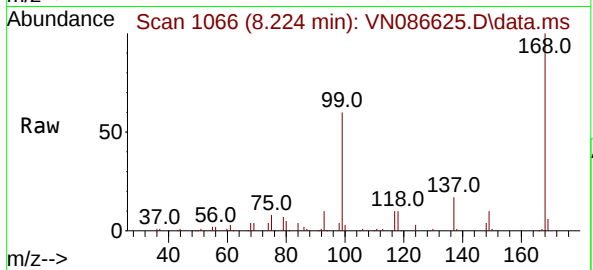




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086625.D
Acq: 14 May 2025 14:32

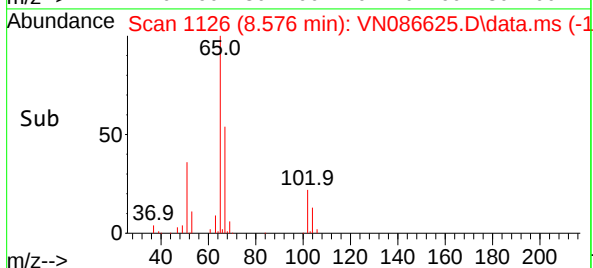
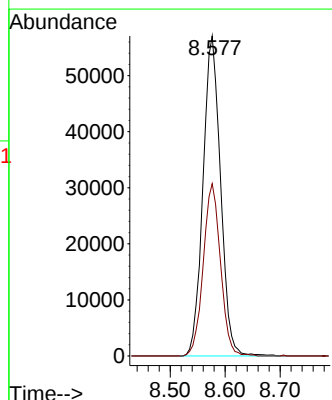
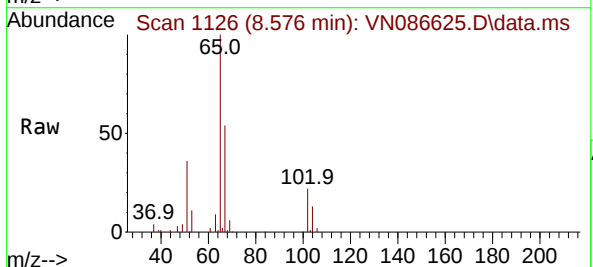
Instrument :
MSVOA_N
ClientSampleId :
IBLK

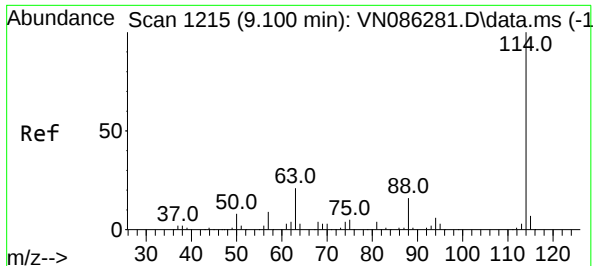
Tgt Ion:168 Resp: 178593
Ion Ratio Lower Upper
168 100
99 60.3 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 48.863 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086625.D
Acq: 14 May 2025 14:32

Tgt Ion: 65 Resp: 126543
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086625.D

Acq: 14 May 2025 14:32

Instrument :

MSVOA_N

ClientSampleId :

IBLK

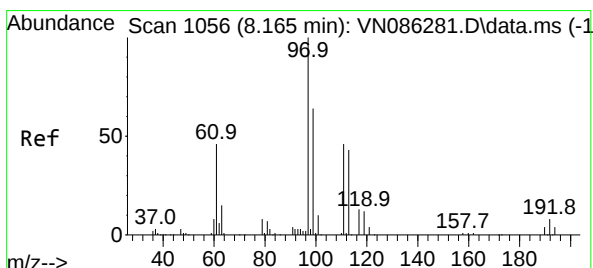
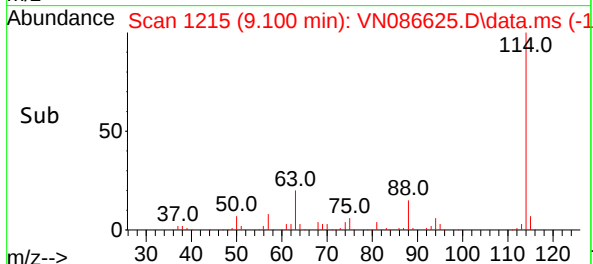
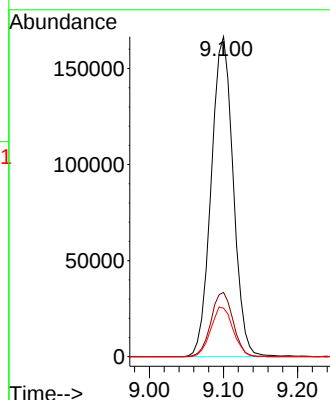
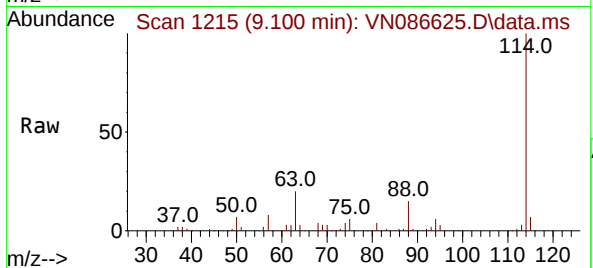
Tgt Ion:114 Resp: 343175

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 65.183 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086625.D

Acq: 14 May 2025 14:32

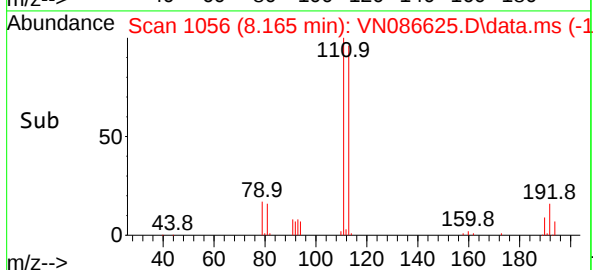
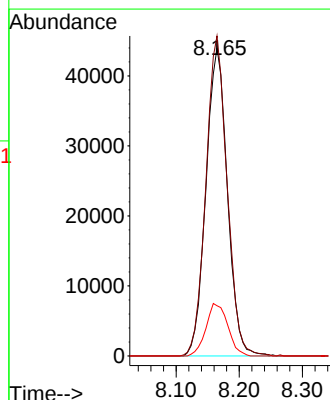
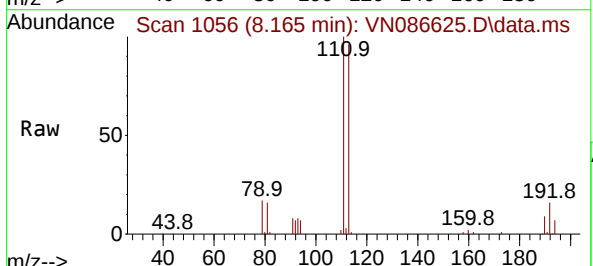
Tgt Ion:113 Resp: 103818

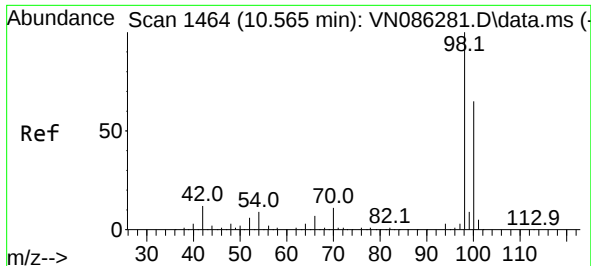
Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.0

192 17.3 13.7 20.5

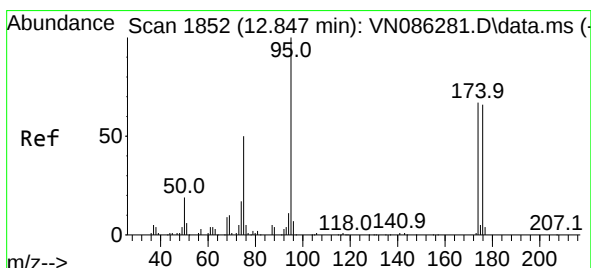
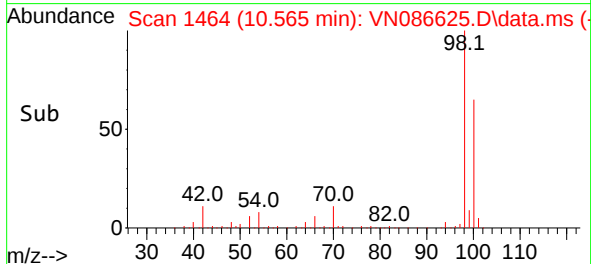
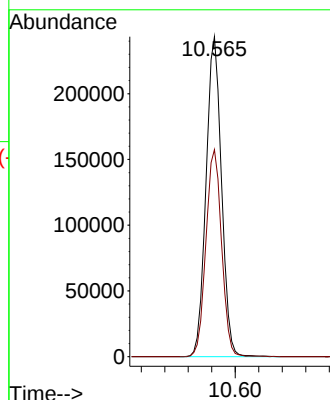
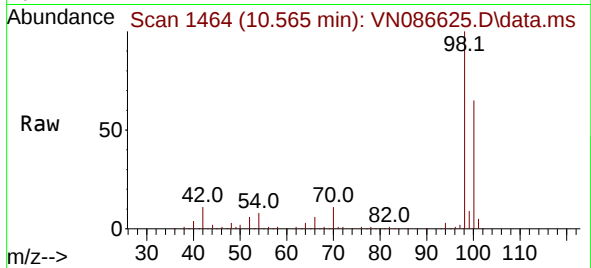




#50
Toluene-d8
Concen: 52.150 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086625.D
Acq: 14 May 2025 14:32

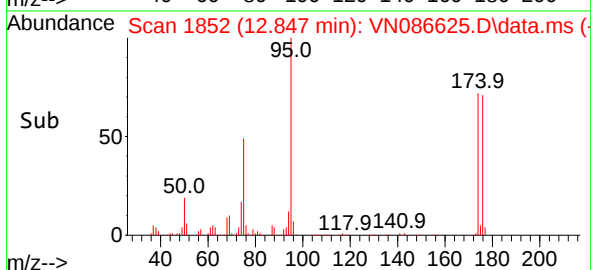
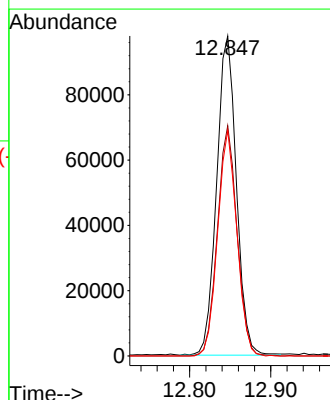
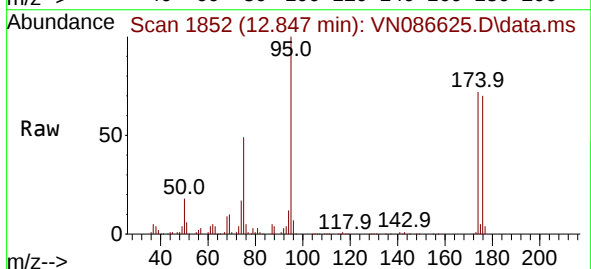
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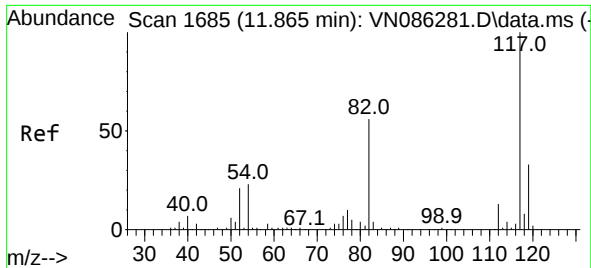
Tgt Ion: 98 Resp: 443915
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 53.306 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086625.D
Acq: 14 May 2025 14:32

Tgt Ion: 95 Resp: 165504
Ion Ratio Lower Upper
95 100
174 71.5 0.0 133.4
176 68.6 0.0 129.2

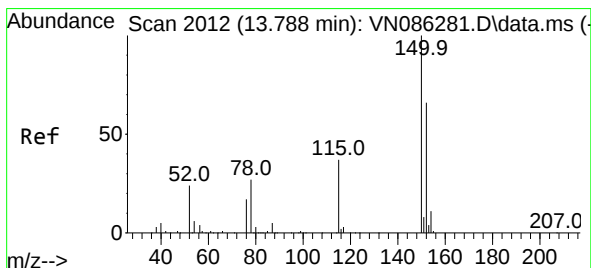
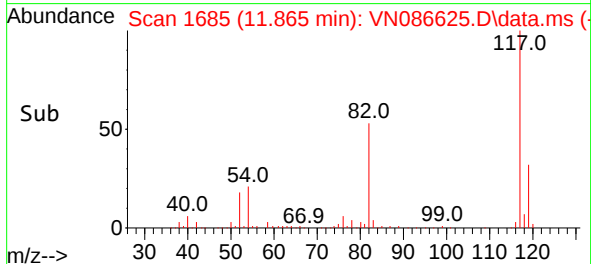
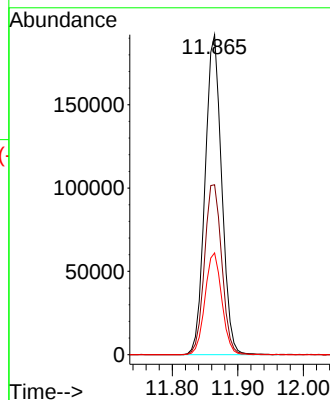
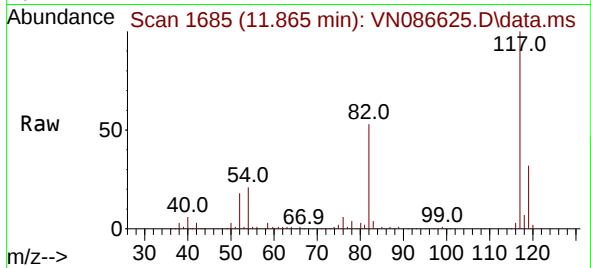




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086625.D
Acq: 14 May 2025 14:32

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 338562
Ion Ratio Lower Upper
117 100
82 53.1 44.7 67.1
119 31.8 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: VN086625.D
Acq: 14 May 2025 14:32

Tgt Ion:152 Resp: 144408
Ion Ratio Lower Upper
152 100
115 60.8 31.9 95.9
150 158.5 0.0 352.0

