

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051225\
 Data File : VN086572.D
 Acq On : 12 May 2025 11:41
 Operator : JC\MD
 Sample : VN0512WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0512WBL01

Quant Time: May 13 01:47:56 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	220253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	408251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	383890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	164421	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	133521	41.805	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.620%
35) Dibromofluoromethane	8.165	113	111126	58.650	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	117.300%
50) Toluene-d8	10.565	98	465048	45.924	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.840%
62) 4-Bromofluorobenzene	12.847	95	165921	44.922	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.840%

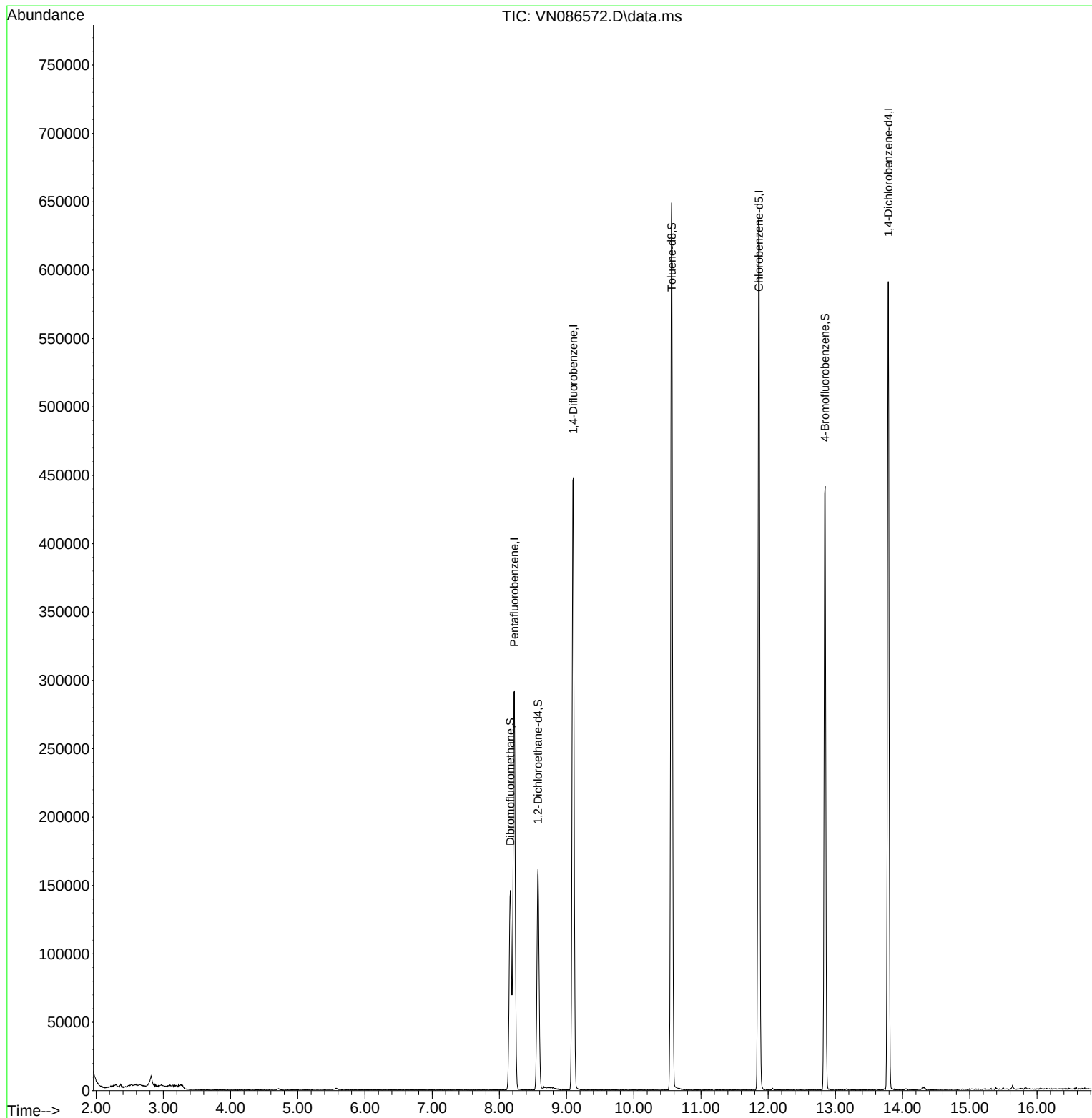
Target Compounds	Qvalue

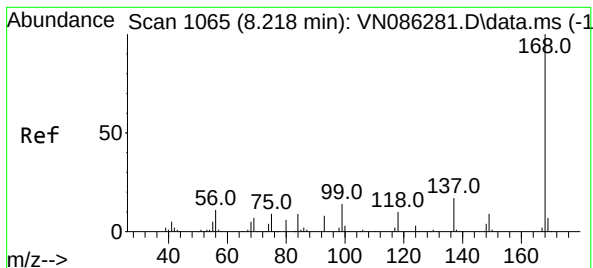
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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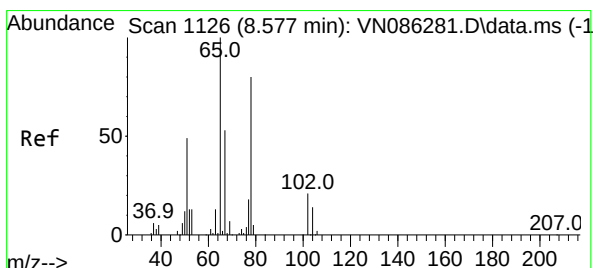
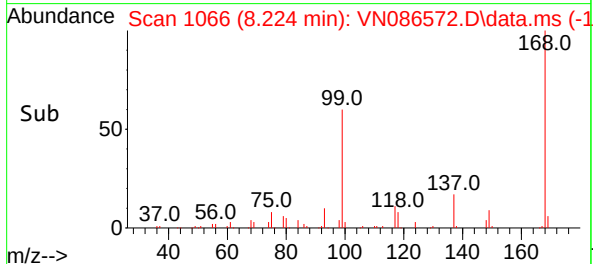
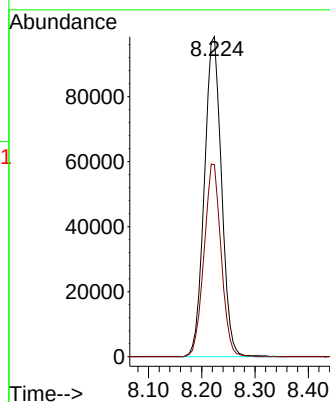
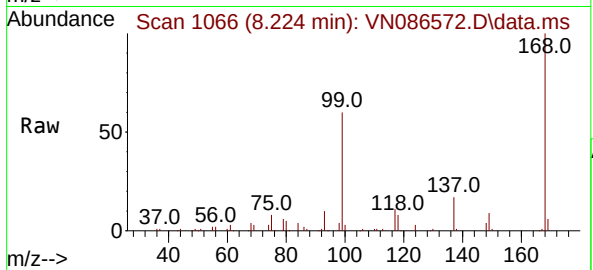




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VN086572.D
Acq: 12 May 2025 11:41

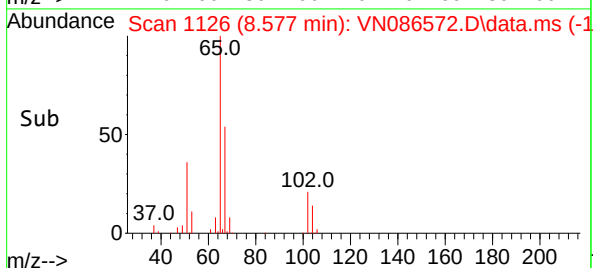
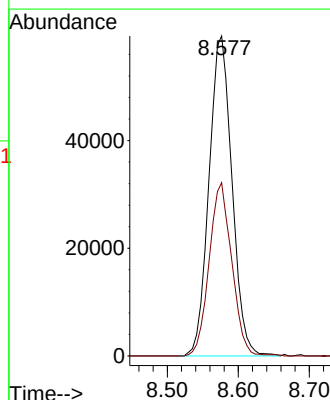
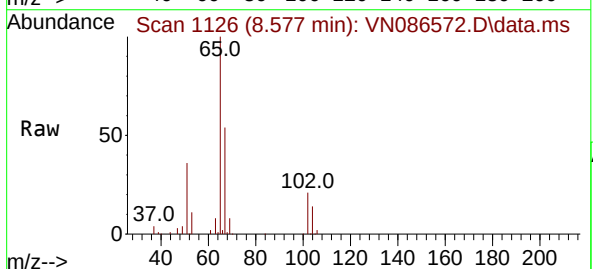
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBL01

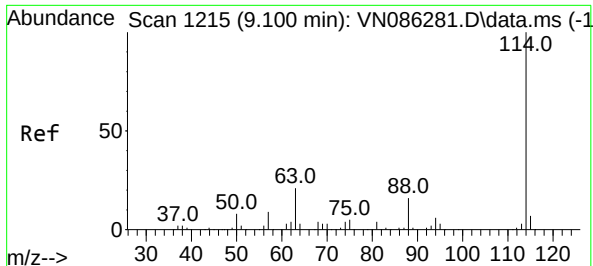
Tgt Ion:168 Resp: 220253
Ion Ratio Lower Upper
168 100
99 60.0 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 41.805 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086572.D
Acq: 12 May 2025 11:41

Tgt Ion: 65 Resp: 133521
Ion Ratio Lower Upper
65 100
67 53.2 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: VN086572.D

Acq: 12 May 2025 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0512WBL01

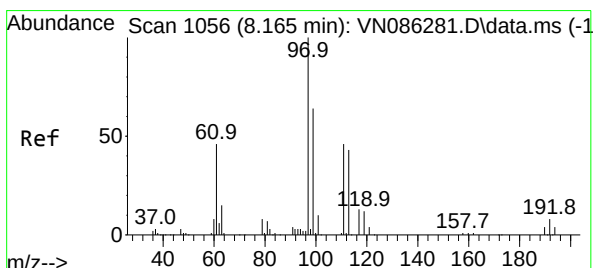
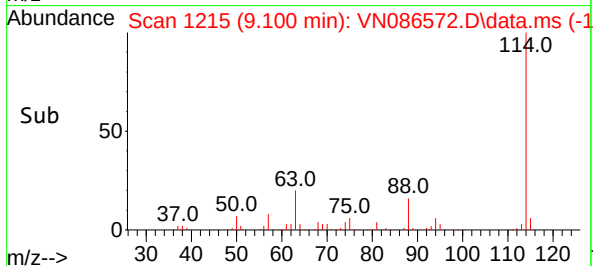
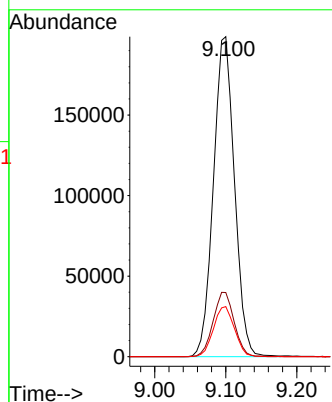
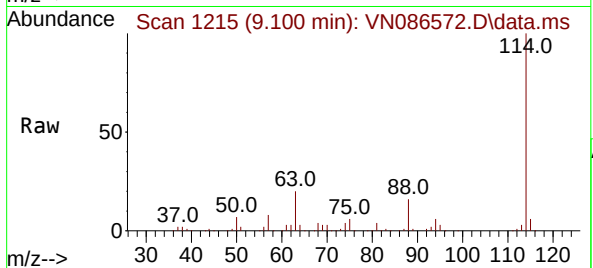
Tgt Ion:114 Resp: 408251

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 58.650 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086572.D

Acq: 12 May 2025 11:41

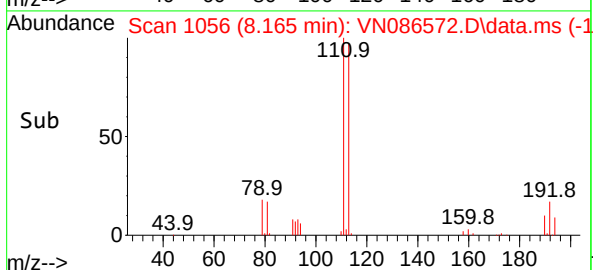
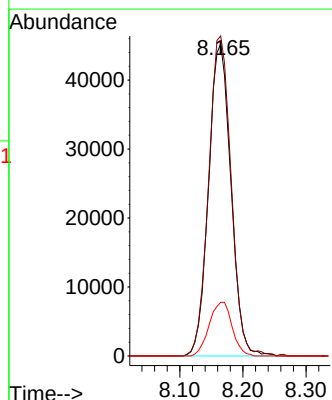
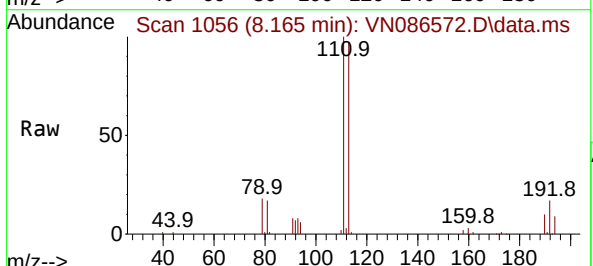
Tgt Ion:113 Resp: 111126

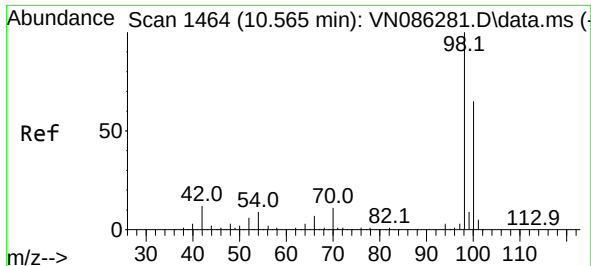
Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.0

192 17.7 13.7 20.5

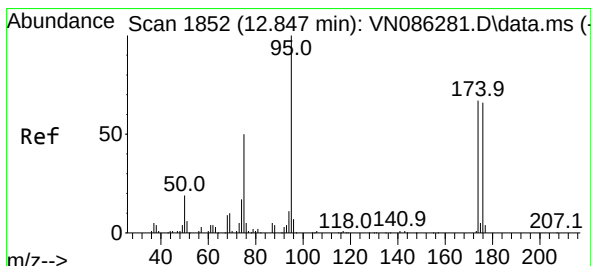
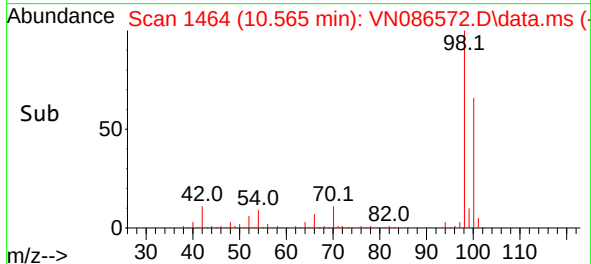
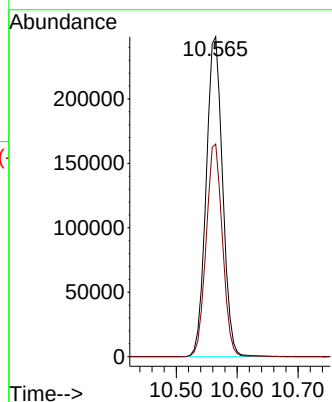
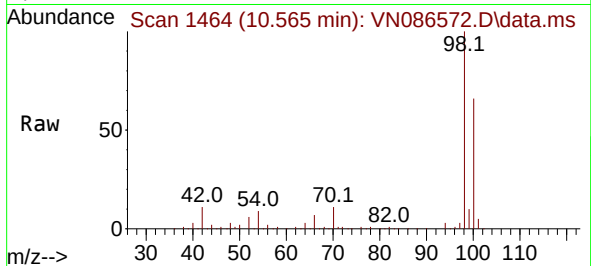




#50
Toluene-d8
Concen: 45.924 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086572.D
Acq: 12 May 2025 11:41

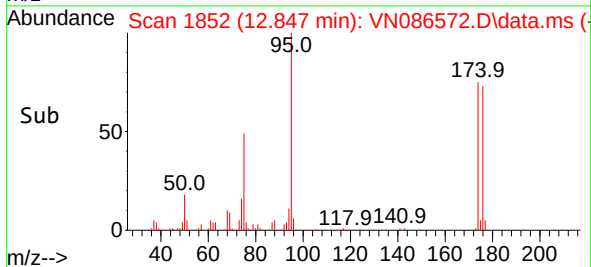
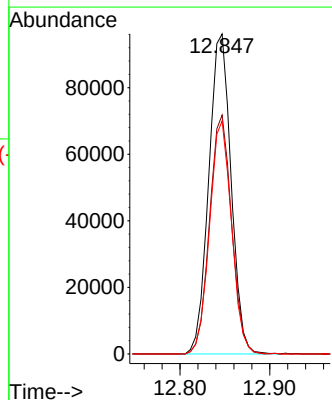
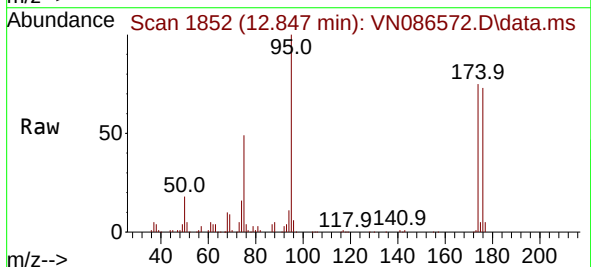
Instrument :
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VN0512WBL01

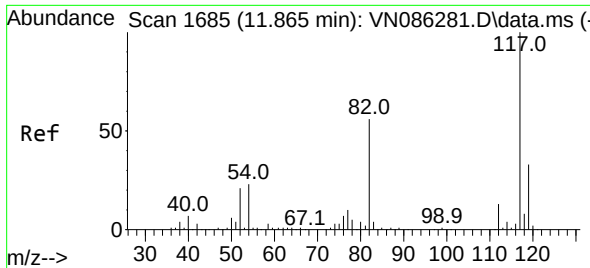
Tgt Ion: 98 Resp: 465048
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 44.922 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086572.D
Acq: 12 May 2025 11:41

Tgt Ion: 95 Resp: 165921
Ion Ratio Lower Upper
95 100
174 73.8 0.0 133.4
176 71.5 0.0 129.2

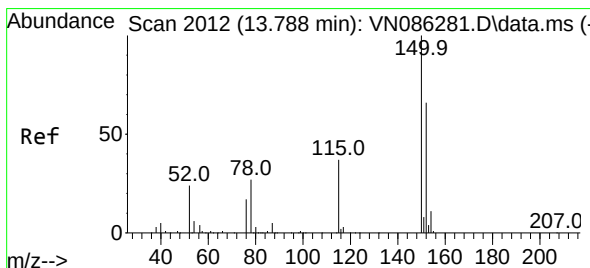
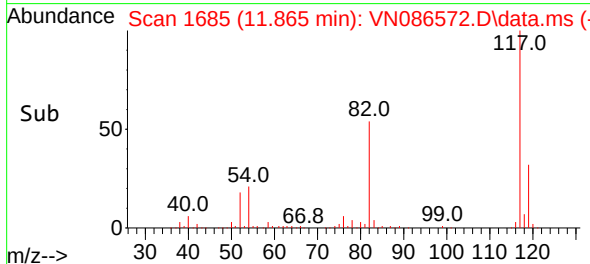
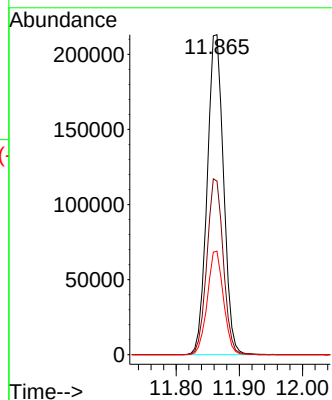
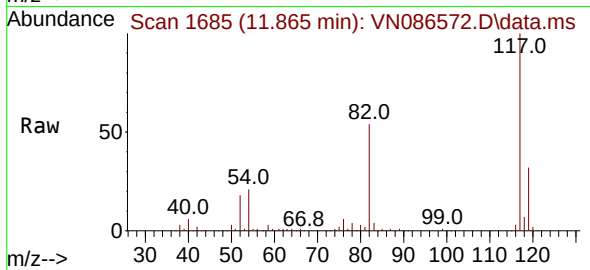




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086572.D
Acq: 12 May 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0512WBL01

Tgt Ion:117 Resp: 383890
Ion Ratio Lower Upper
117 100
82 54.3 44.7 67.1
119 32.3 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: VN086572.D
Acq: 12 May 2025 11:41

Tgt Ion:152 Resp: 164421
Ion Ratio Lower Upper
152 100
115 61.3 31.9 95.9
150 158.8 0.0 352.0

