

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070125\
 Data File : VN087250.D
 Acq On : 01 Jul 2025 10:20
 Operator : JC\MD
 Sample : VN0701WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBL01

Quant Time: Jul 02 01:57:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:15:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	242463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	449705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	413338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	208904	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	162343	53.349	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.700%
35) Dibromofluoromethane	8.171	113	144568	50.206	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.420%
50) Toluene-d8	10.565	98	544006	48.469	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.940%
62) 4-Bromofluorobenzene	12.847	95	188727	47.259	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.520%

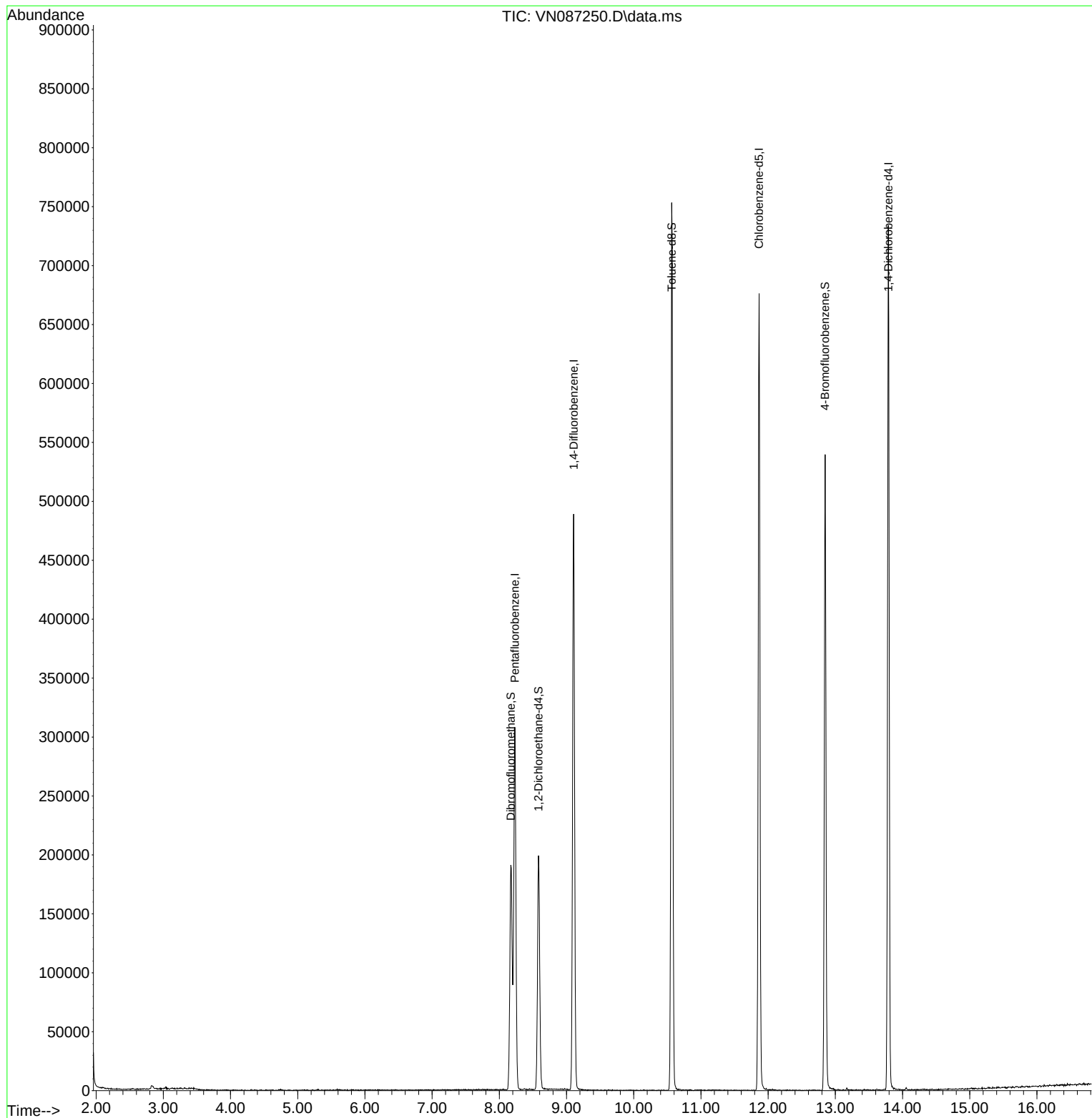
Target Compounds	Qvalue

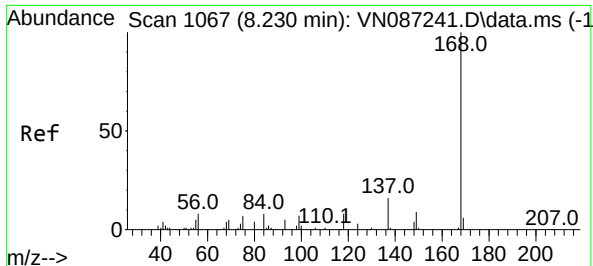
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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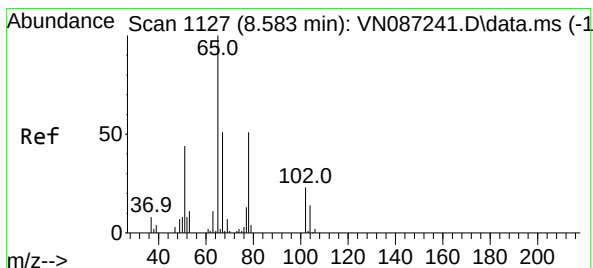
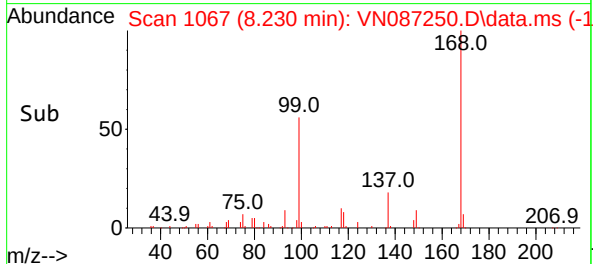
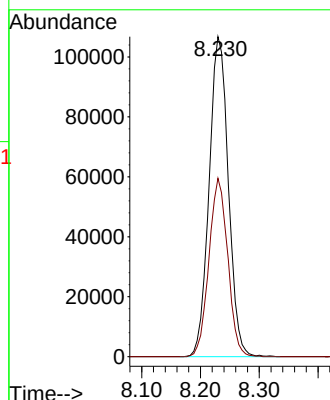
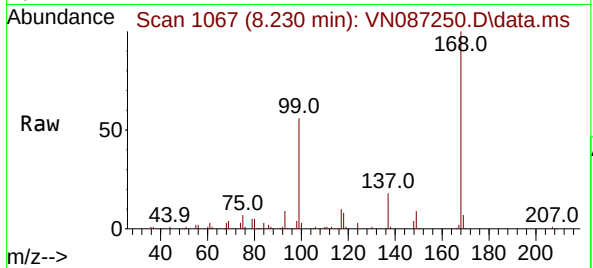




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN087250.D
Acq: 01 Jul 2025 10:20

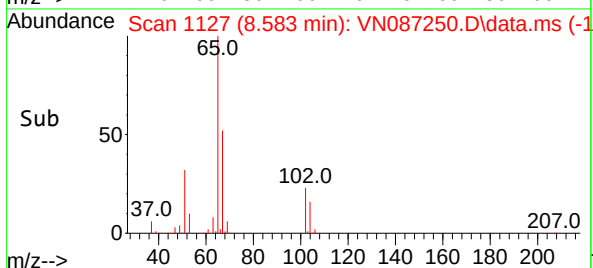
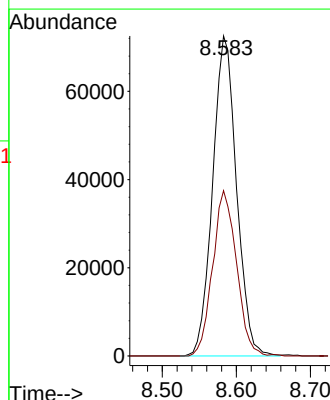
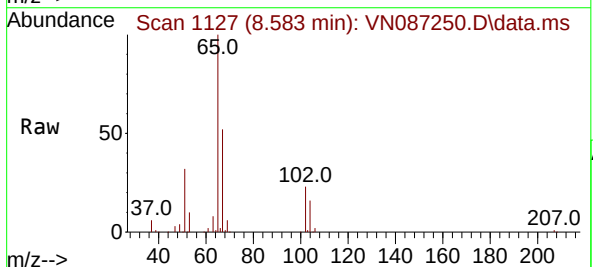
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBL01

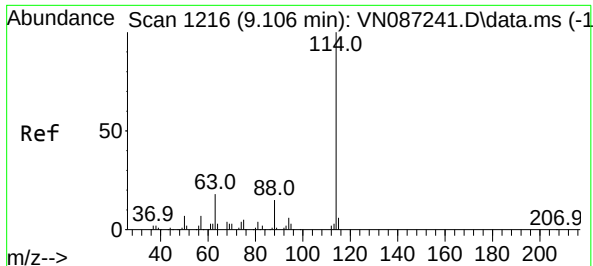
Tgt Ion:168 Resp: 242463
Ion Ratio Lower Upper
168 100
99 55.8 42.6 64.0



#33
1,2-Dichloroethane-d4
Concen: 53.349 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN087250.D
Acq: 01 Jul 2025 10:20

Tgt Ion: 65 Resp: 162343
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087250.D

Acq: 01 Jul 2025 10:20

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBL01

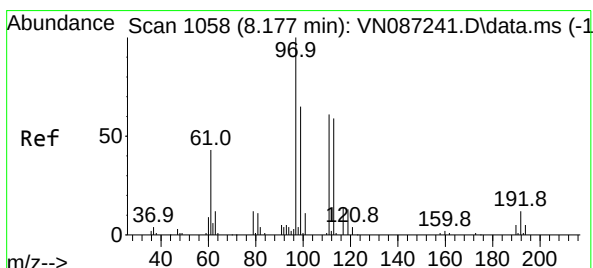
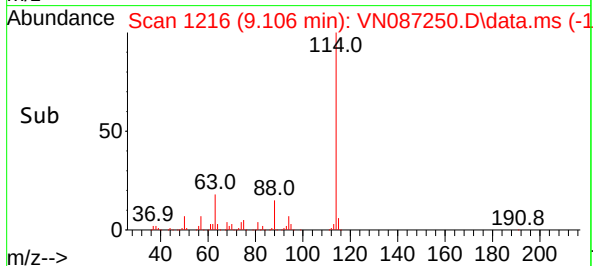
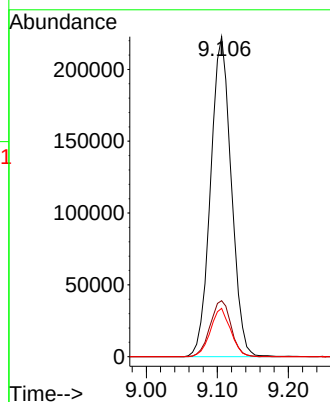
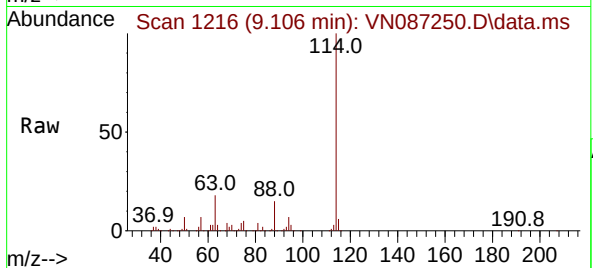
Tgt Ion:114 Resp: 449705

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.6

88 15.1 0.0 29.6



#35

Dibromofluoromethane

Concen: 50.206 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN087250.D

Acq: 01 Jul 2025 10:20

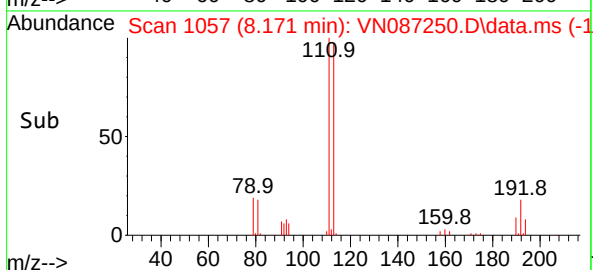
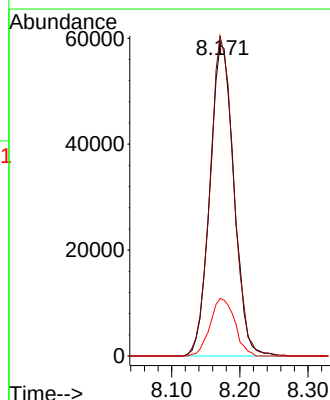
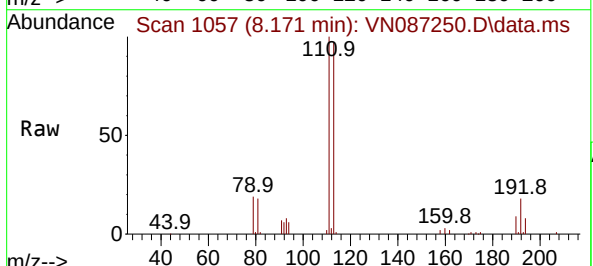
Tgt Ion:113 Resp: 144568

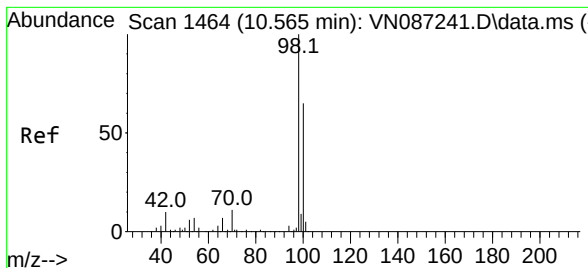
Ion Ratio Lower Upper

113 100

111 100.9 81.4 122.2

192 18.9 15.1 22.7





#50

Toluene-d8

Concen: 48.469 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN087250.D

Acq: 01 Jul 2025 10:20

Instrument :

MSVOA_N

ClientSampleId :

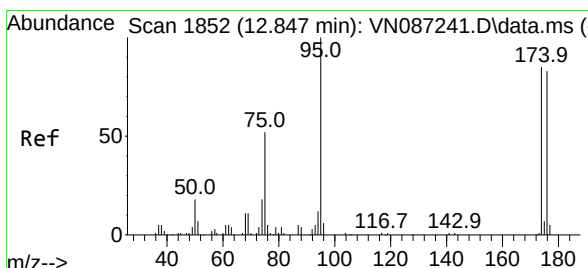
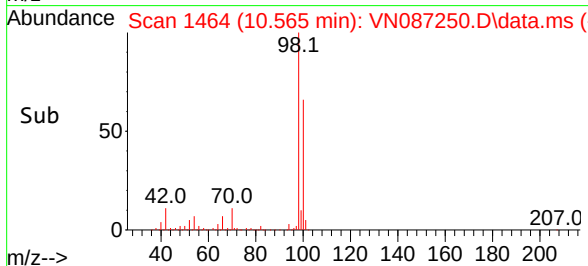
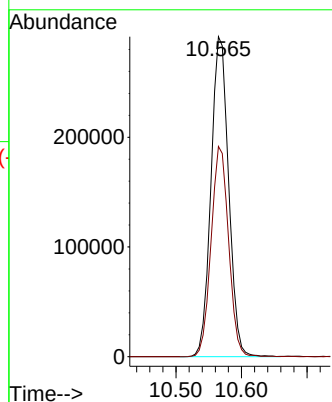
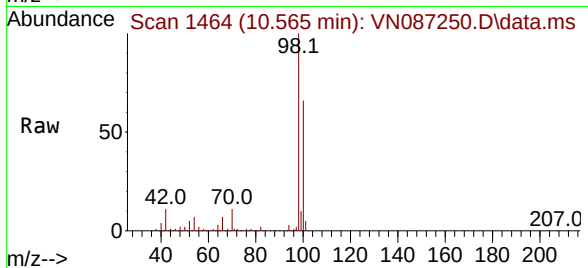
VN0701WBL01

Tgt Ion: 98 Resp: 544006

Ion Ratio Lower Upper

98 100

100 65.3 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 47.259 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN087250.D

Acq: 01 Jul 2025 10:20

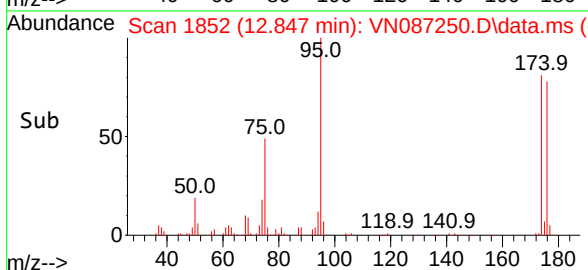
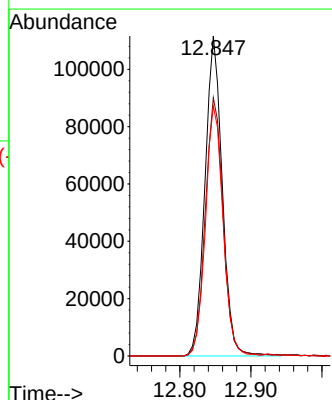
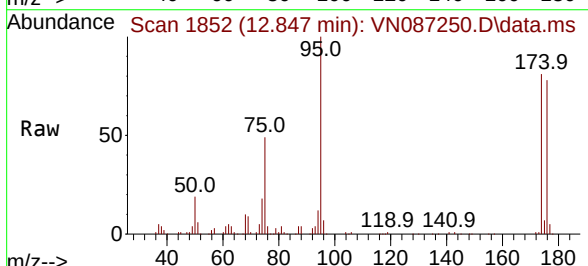
Tgt Ion: 95 Resp: 188727

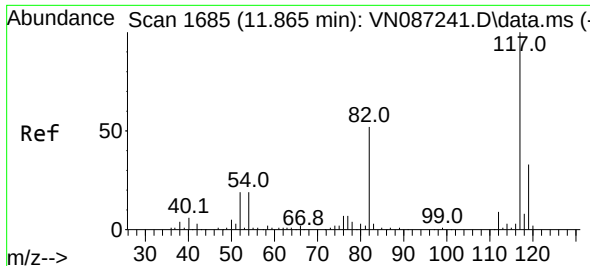
Ion Ratio Lower Upper

95 100

174 83.5 0.0 169.6

176 79.5 0.0 161.6

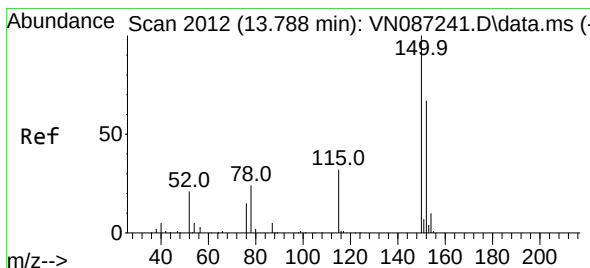
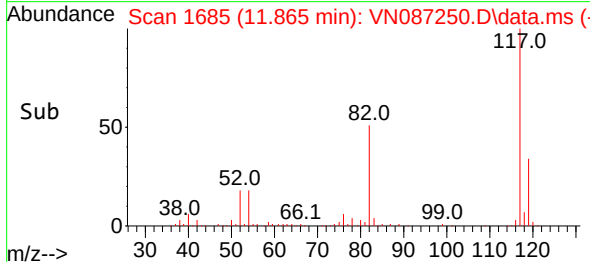
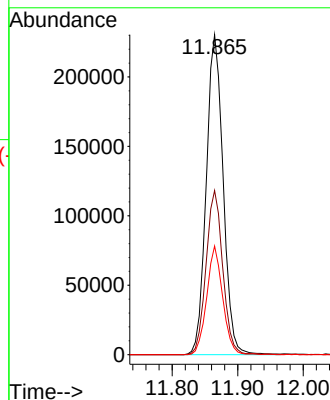
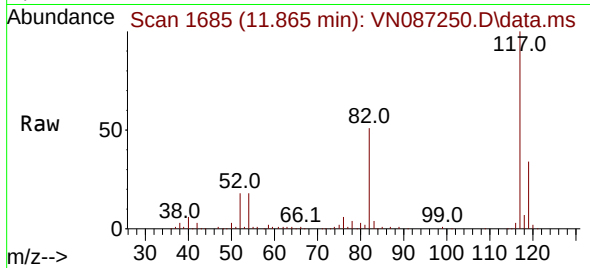




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087250.D
Acq: 01 Jul 2025 10:20

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBL01

Tgt Ion:117 Resp: 413338
Ion Ratio Lower Upper
117 100
82 51.3 41.9 62.9
119 34.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087250.D
Acq: 01 Jul 2025 10:20

Tgt Ion:152 Resp: 208904
Ion Ratio Lower Upper
152 100
115 58.7 28.3 84.9
150 158.2 0.0 344.6

