

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
 Data File : VN087182.D
 Acq On : 26 Jun 2025 10:25
 Operator : JC\MD
 Sample : VN0626WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBL01

Quant Time: Jun 27 01:21:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	142520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	275793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117729	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	108060	56.630	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.260%
35) Dibromofluoromethane	8.171	113	93357	57.120	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	114.240%
50) Toluene-d8	10.565	98	360201	55.671	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	111.340%
62) 4-Bromofluorobenzene	12.847	95	121369	50.489	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.980%

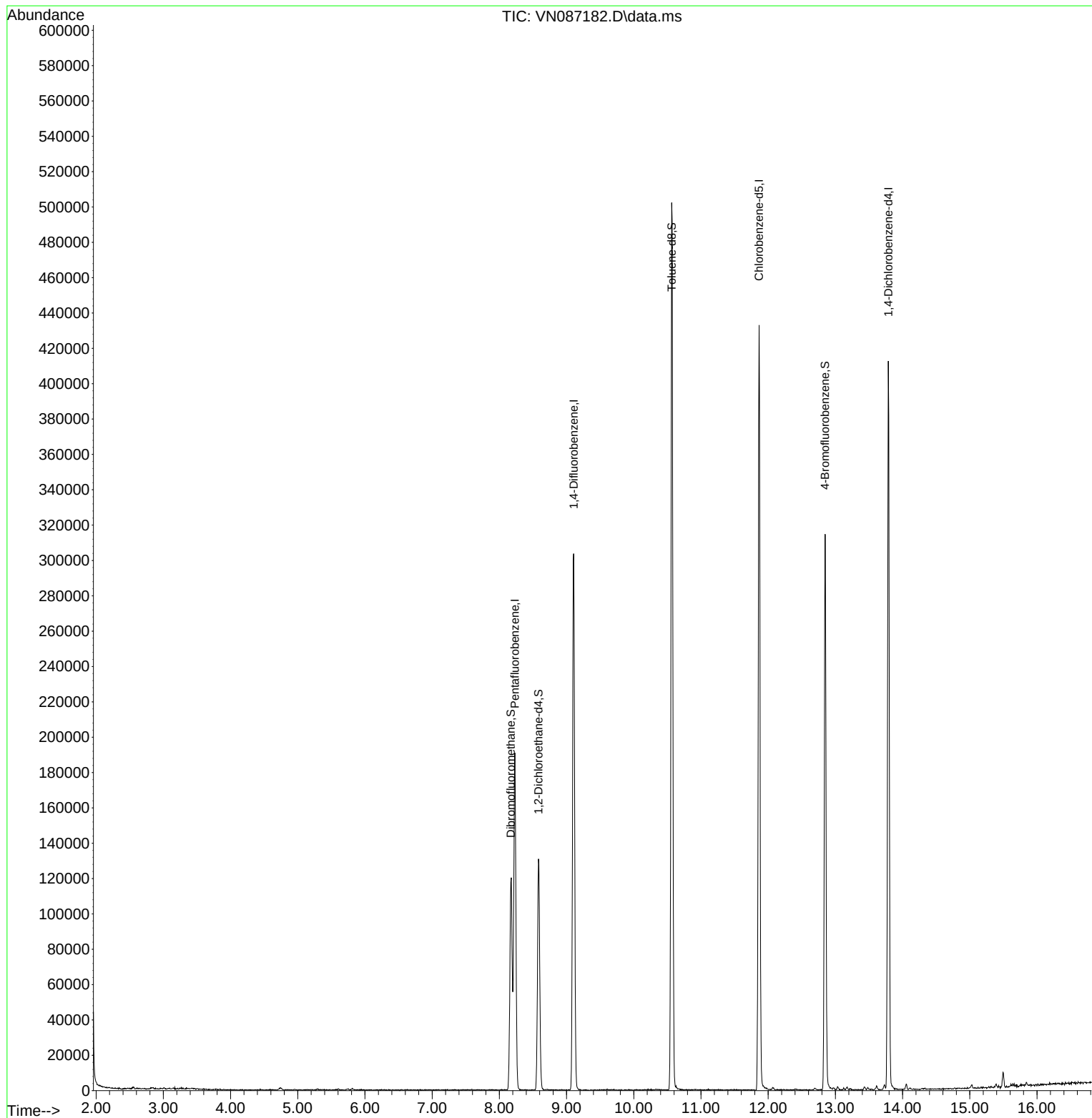
Target Compounds	Qvalue

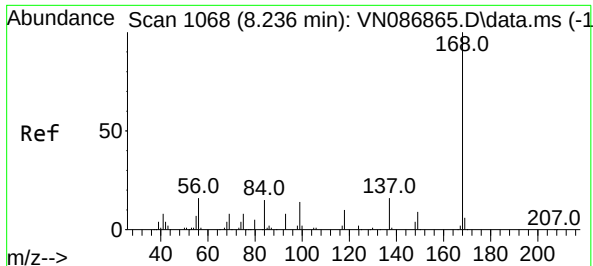
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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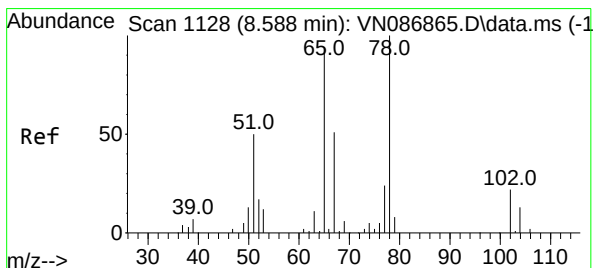
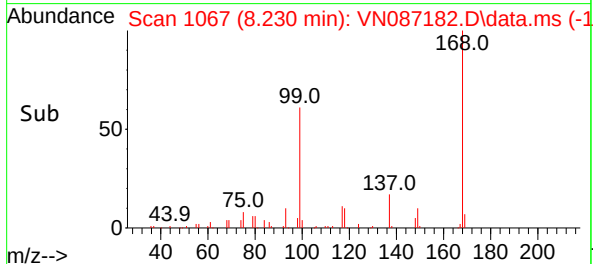
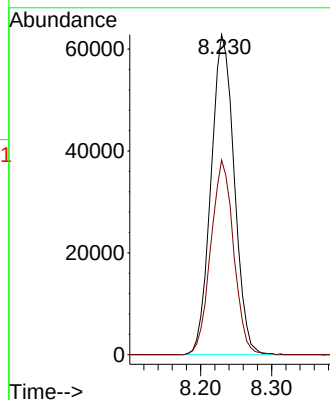
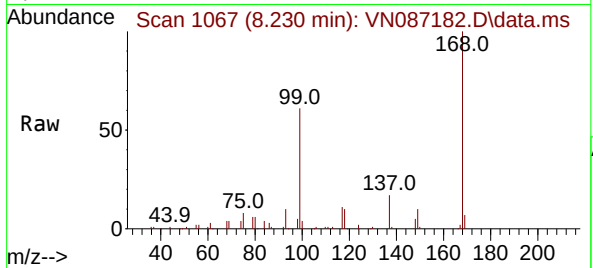




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VN087182.D
Acq: 26 Jun 2025 10:25

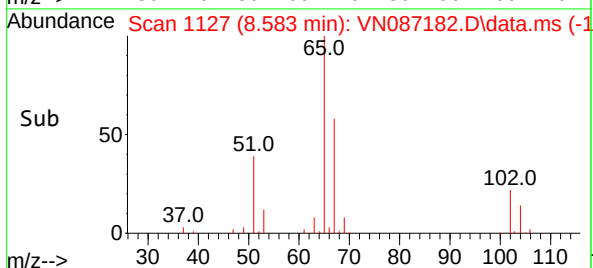
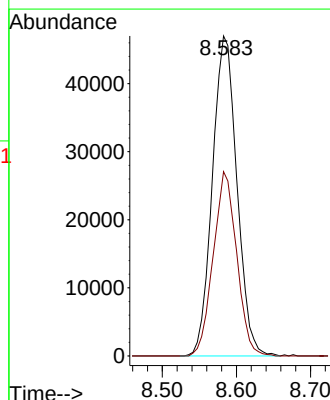
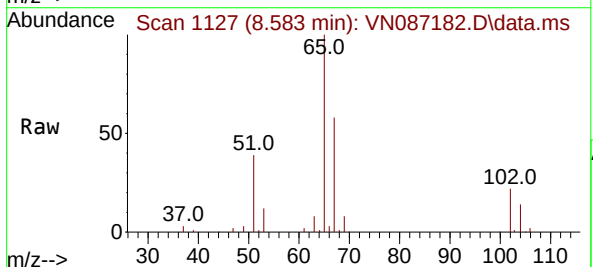
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBL01

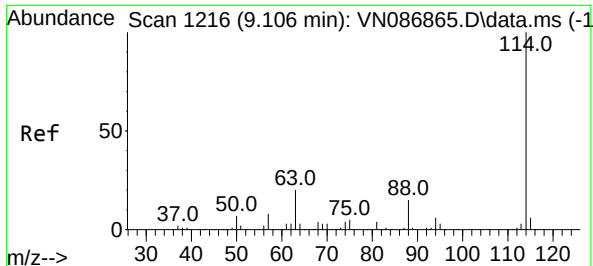
Tgt Ion:168 Resp: 142520
Ion Ratio Lower Upper
168 100
99 60.8 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 56.630 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087182.D
Acq: 26 Jun 2025 10:25

Tgt Ion: 65 Resp: 108060
Ion Ratio Lower Upper
65 100
67 55.1 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087182.D

Acq: 26 Jun 2025 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBL01

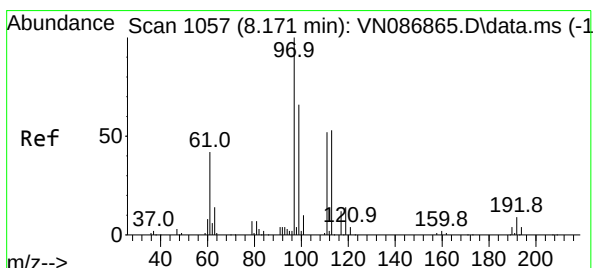
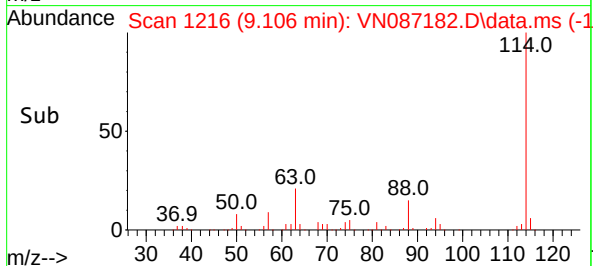
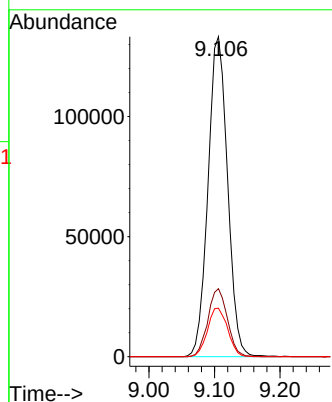
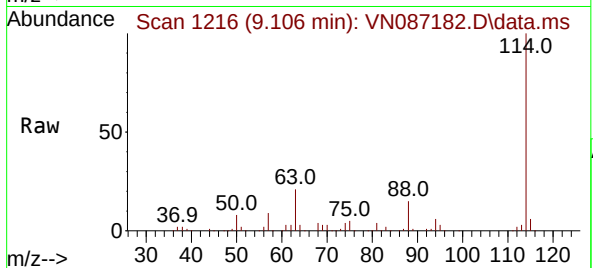
Tgt Ion:114 Resp: 275793

Ion Ratio Lower Upper

114 100

63 21.3 0.0 39.6

88 15.2 0.0 30.2



#35

Dibromofluoromethane

Concen: 57.120 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN087182.D

Acq: 26 Jun 2025 10:25

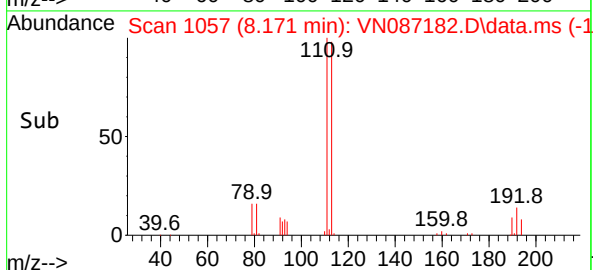
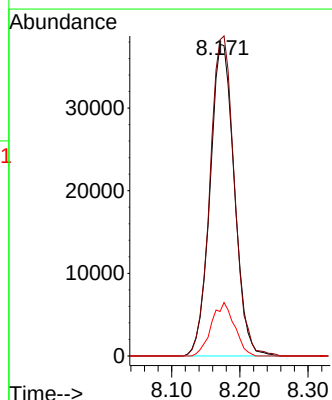
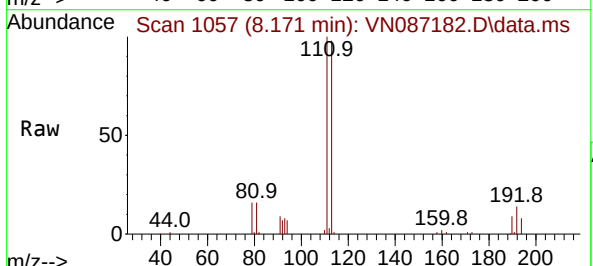
Tgt Ion:113 Resp: 93357

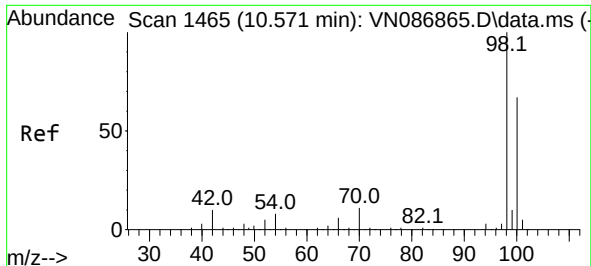
Ion Ratio Lower Upper

113 100

111 103.1 84.2 126.2

192 16.3 14.2 21.4

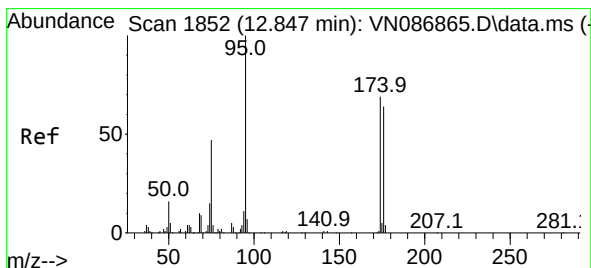
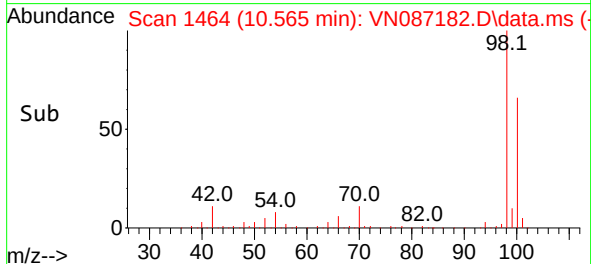
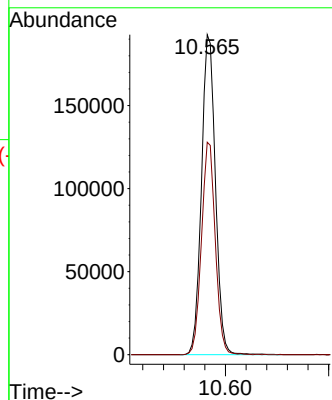
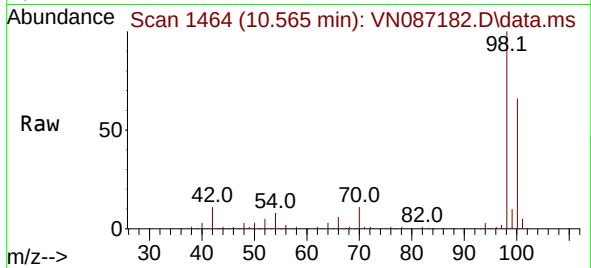




#50
Toluene-d8
Concen: 55.671 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087182.D
Acq: 26 Jun 2025 10:25

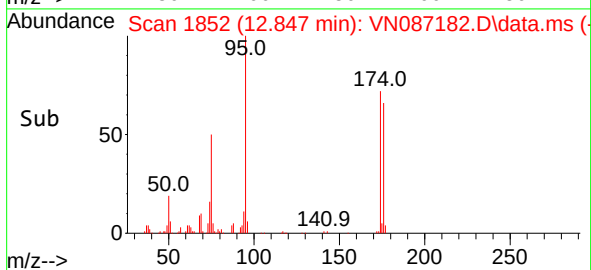
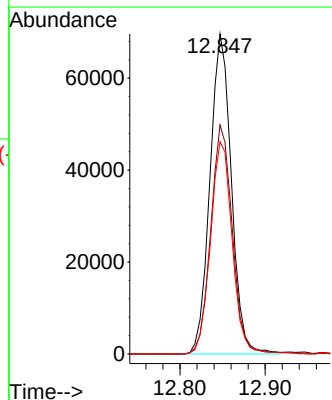
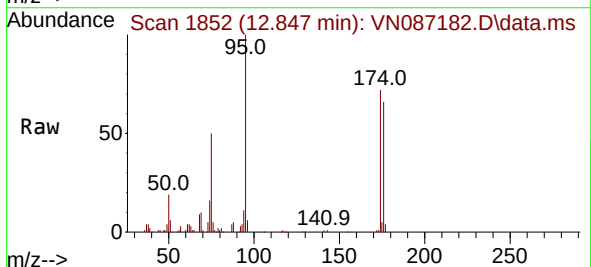
Instrument :
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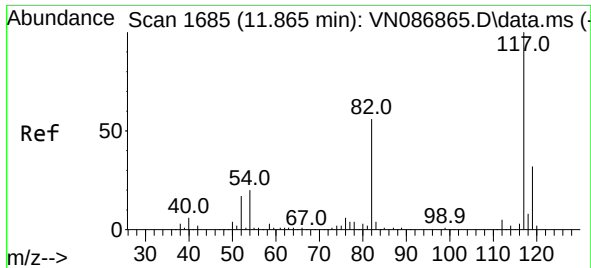
Tgt Ion: 98 Resp: 360201
Ion Ratio Lower Upper
98 100
100 65.7 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 50.489 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087182.D
Acq: 26 Jun 2025 10:25

Tgt Ion: 95 Resp: 121369
Ion Ratio Lower Upper
95 100
174 72.2 0.0 141.8
176 67.5 0.0 132.6

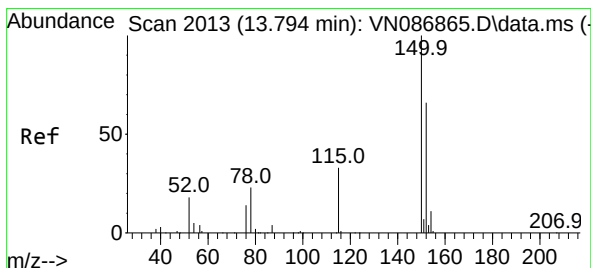
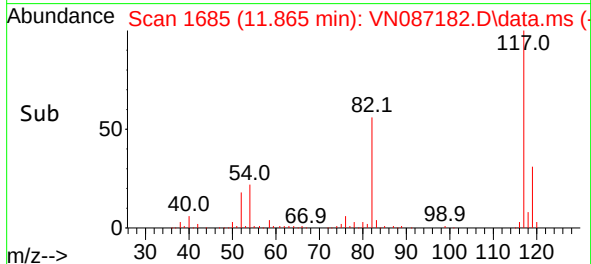
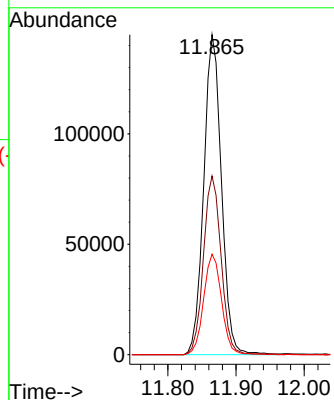
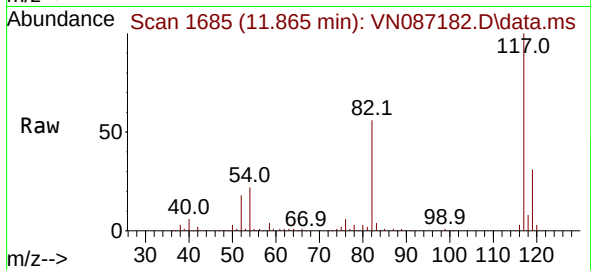




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087182.D
Acq: 26 Jun 2025 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBL01

Tgt Ion:117 Resp: 261782
Ion Ratio Lower Upper
117 100
82 55.9 44.6 67.0
119 31.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087182.D
Acq: 26 Jun 2025 10:25

Tgt Ion:152 Resp: 117729
Ion Ratio Lower Upper
152 100
115 61.8 30.1 90.5
150 158.7 0.0 345.0

