

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
 Data File : VN086836.D
 Acq On : 03 Jun 2025 12:10
 Operator : JC\MD
 Sample : VN0603WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
ClientSampleId :
 VN0603WBL01

Quant Time: Jun 04 01:56:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.218	168	257056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	493879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	460882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	202290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	165463	46.582	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	93.160%	
35) Dibromofluoromethane	8.159	113	150868	51.294	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	102.580%	
50) Toluene-d8	10.565	98	625163	51.290	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	102.580%	
62) 4-Bromofluorobenzene	12.847	95	227449	52.849	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	105.700%	

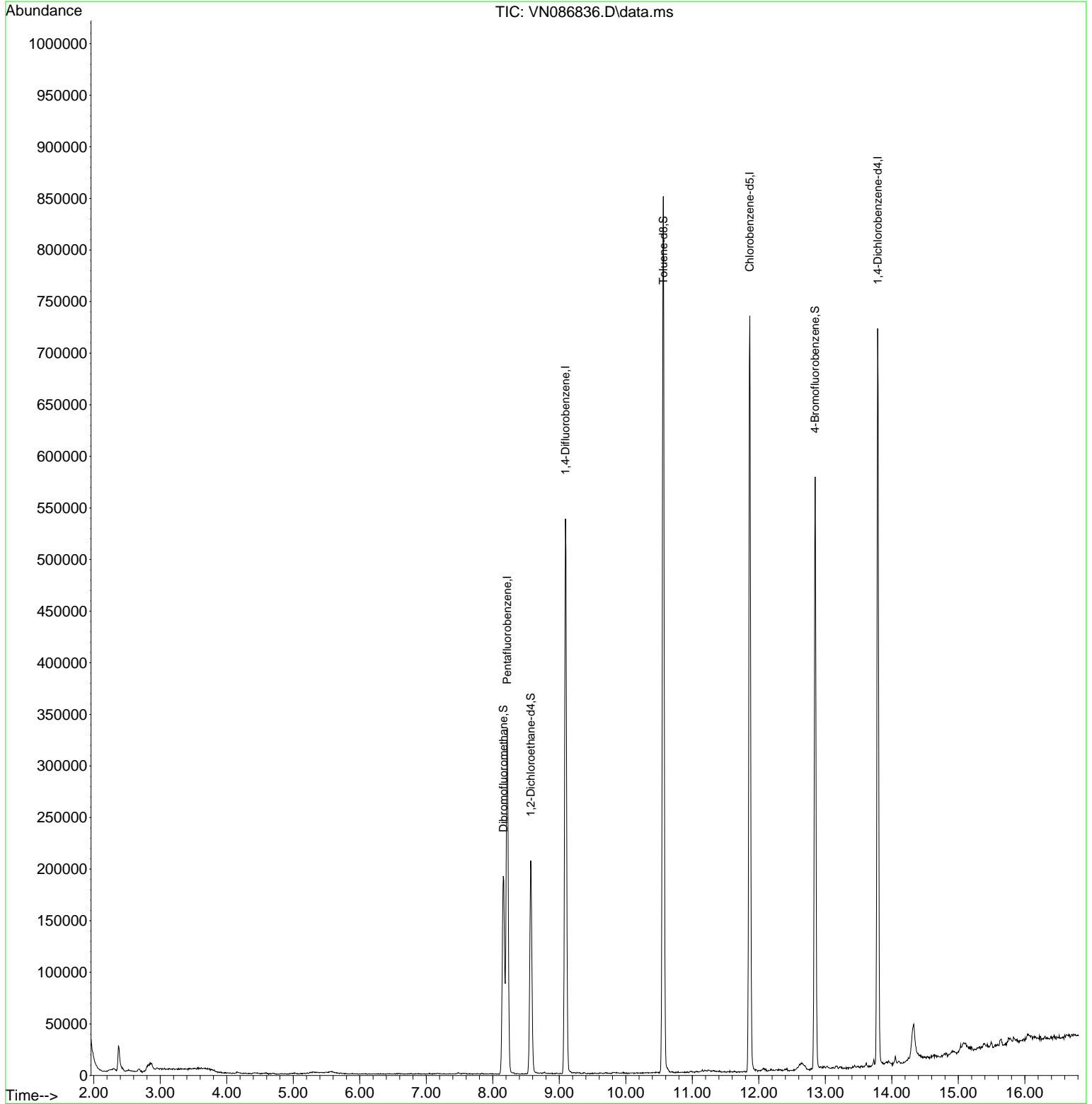
Target Compounds Qvalue

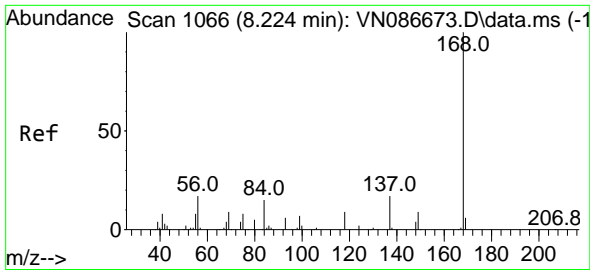
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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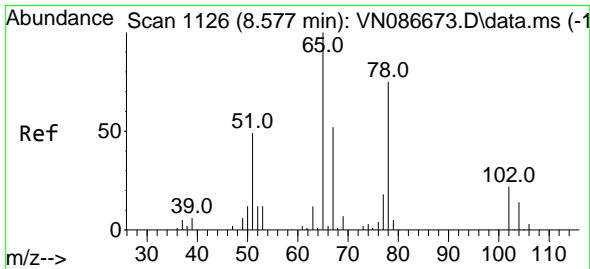
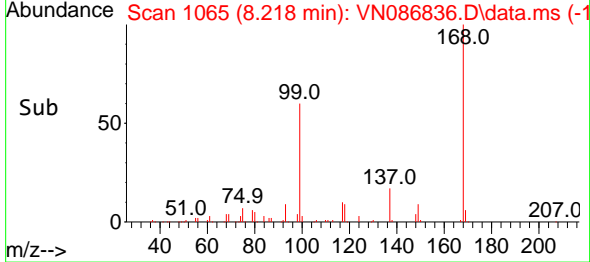
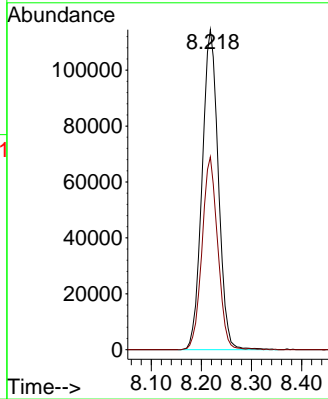
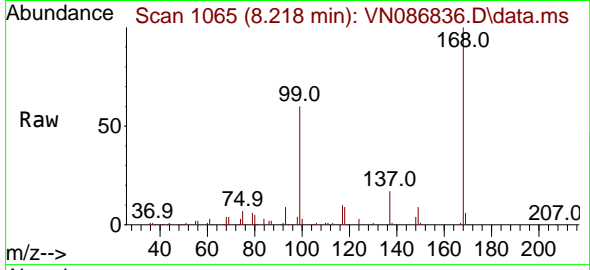




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.006 min
 Lab File: VN086836.D
 Acq: 03 Jun 2025 12:10

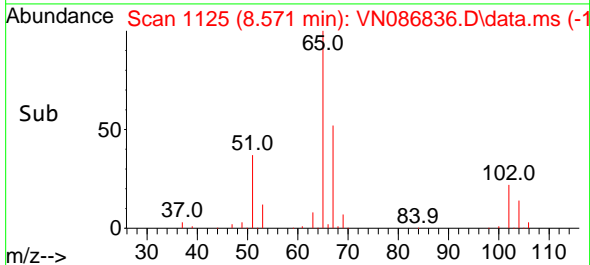
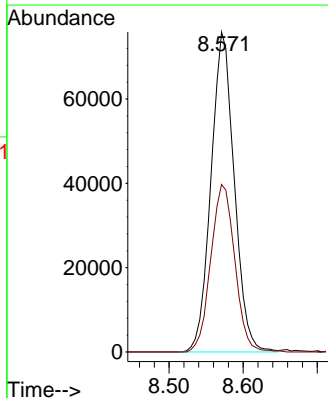
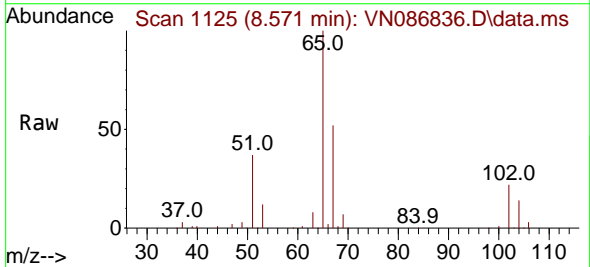
Instrument : MSVOA_N
 ClientSampleId : VN0603WBL01

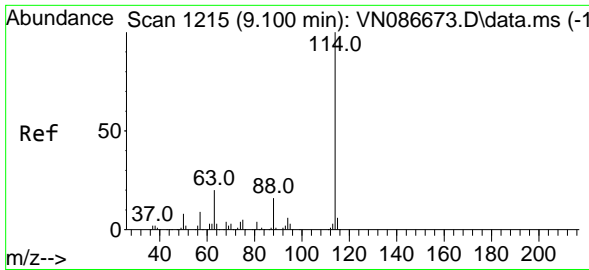
Tgt Ion:168 Resp: 257056
 Ion Ratio Lower Upper
 168 100
 99 60.3 47.0 70.4



#33
 1,2-Dichloroethane-d4
 Concen: 46.582 ug/l
 RT: 8.571 min Scan# 1125
 Delta R.T. -0.006 min
 Lab File: VN086836.D
 Acq: 03 Jun 2025 12:10

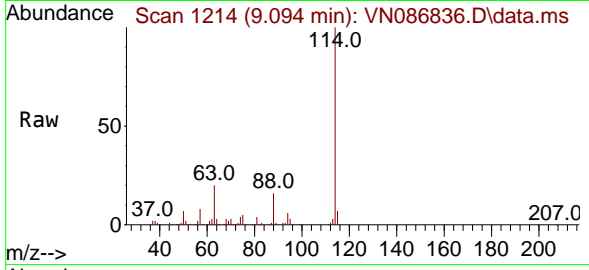
Tgt Ion: 65 Resp: 165463
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 106.4



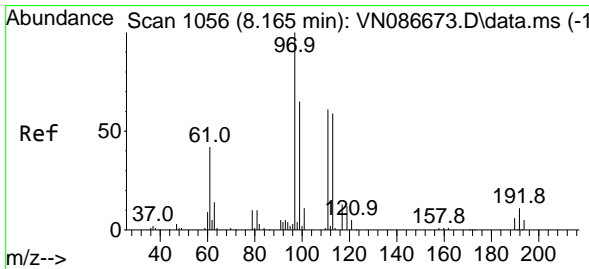
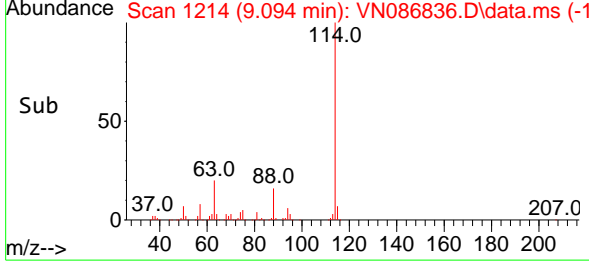
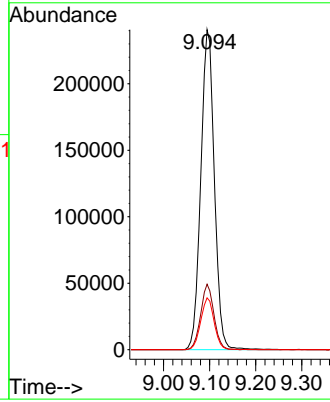


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1114
 Delta R.T. -0.006 min
 Lab File: VN086836.D
 Acq: 03 Jun 2025 12:10

Instrument : MSVOA_N
 ClientSampleId : VN0603WBL01

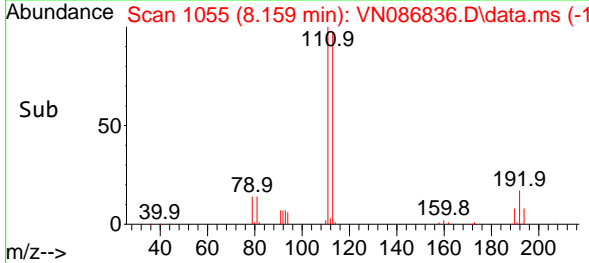
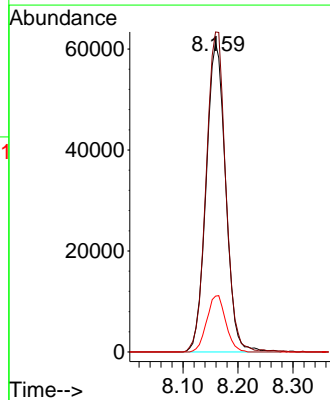
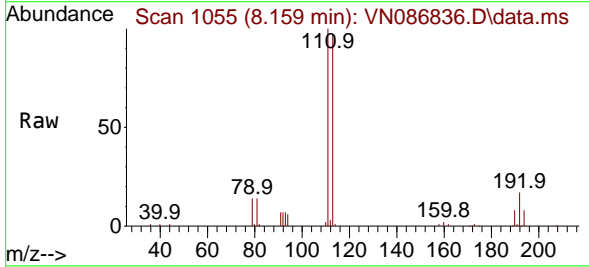


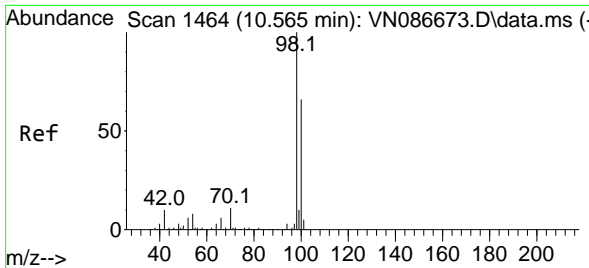
Tgt Ion:114 Resp: 493879
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.2
 88 16.2 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 51.294 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN086836.D
 Acq: 03 Jun 2025 12:10

Tgt Ion:113 Resp: 150868
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.2 123.2
 192 17.7 13.8 20.8

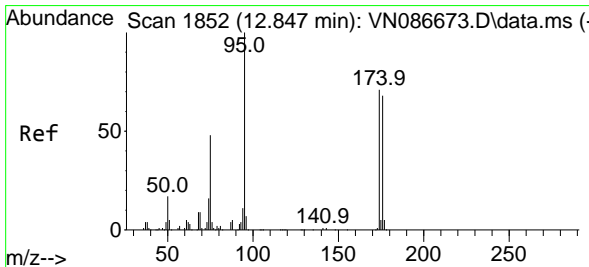
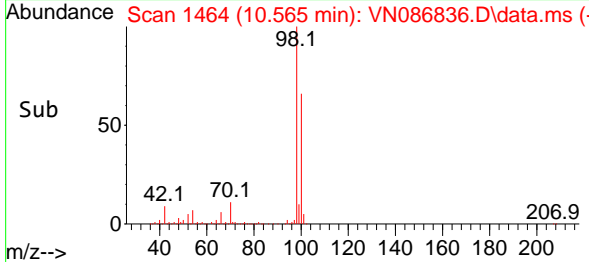
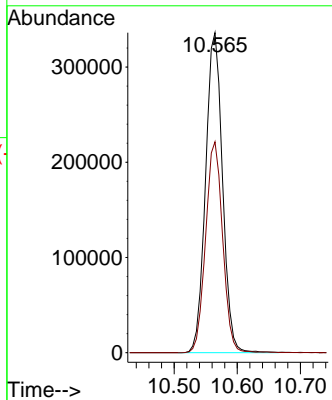
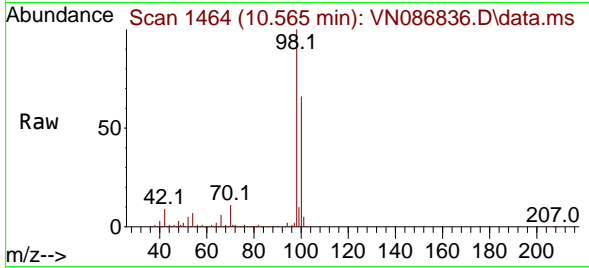




#50
 Toluene-d8
 Concen: 51.290 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. -0.000 min
 Lab File: VN086836.D
 Acq: 03 Jun 2025 12:10

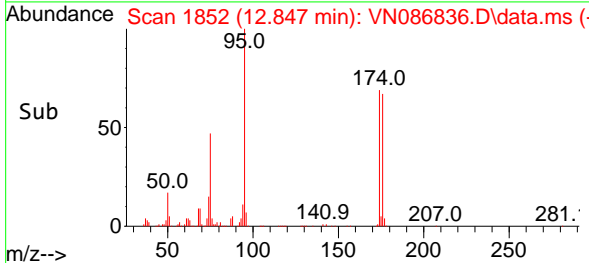
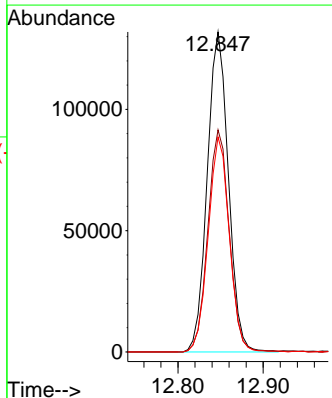
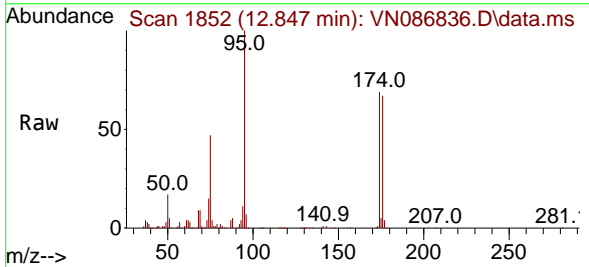
Instrument : MSVOA_N
ClientSampleId : VN0603WBL01

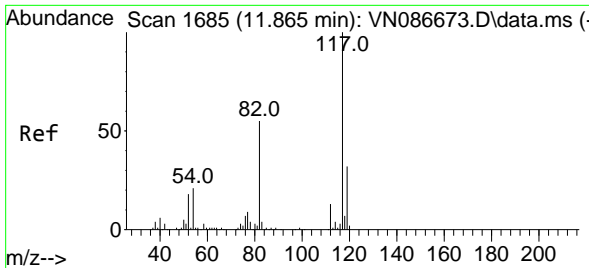
Tgt Ion: 98 Resp: 625163
 Ion Ratio Lower Upper
 98 100
 100 66.4 52.9 79.3



#62
 4-Bromofluorobenzene
 Concen: 52.849 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: VN086836.D
 Acq: 03 Jun 2025 12:10

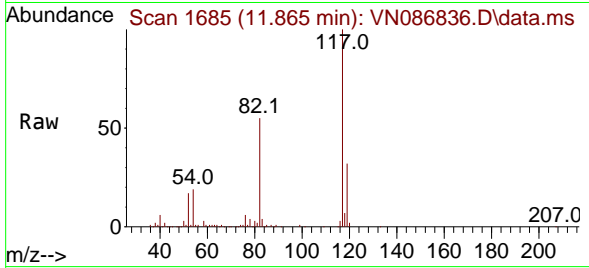
Tgt Ion: 95 Resp: 227449
 Ion Ratio Lower Upper
 95 100
 174 70.1 0.0 145.4
 176 67.1 0.0 137.8



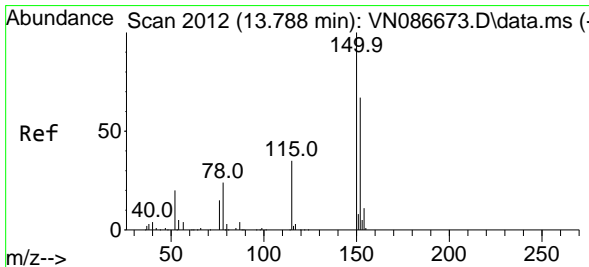
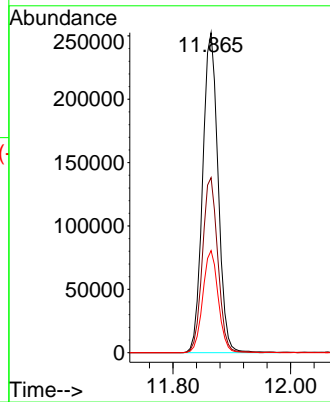
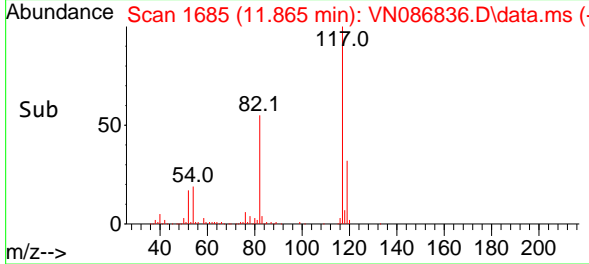


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN086836.D
 Acq: 03 Jun 2025 12:10

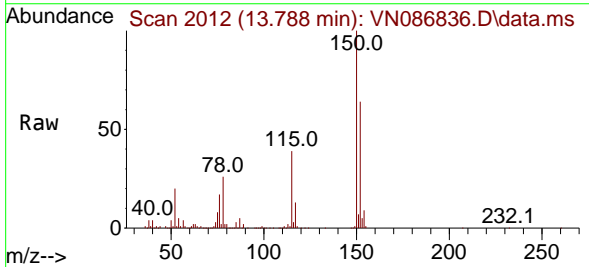
Instrument : MSVOA_N
 ClientSampleId : VN0603WBL01



Tgt Ion:117 Resp: 460882
 Ion Ratio Lower Upper
 117 100
 82 54.7 44.2 66.2
 119 31.9 25.4 38.2



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN086836.D
 Acq: 03 Jun 2025 12:10



Tgt Ion:152 Resp: 202290
 Ion Ratio Lower Upper
 152 100
 115 61.5 30.0 90.1
 150 158.2 0.0 347.8

