

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061925\
 Data File : VN087102.D
 Acq On : 19 Jun 2025 10:26
 Operator : JC\MD
 Sample : VN0619WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
ClientSampleId :
 VN0619WBL01

Quant Time: Jun 20 01:20:55 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	180966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	368878	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	337249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	156562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	138328	57.091	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	114.180%	
35) Dibromofluoromethane	8.177	113	116016	53.071	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	106.140%	
50) Toluene-d8	10.565	98	465529	53.793	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	107.580%	
62) 4-Bromofluorobenzene	12.847	95	157268	48.914	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	97.820%	

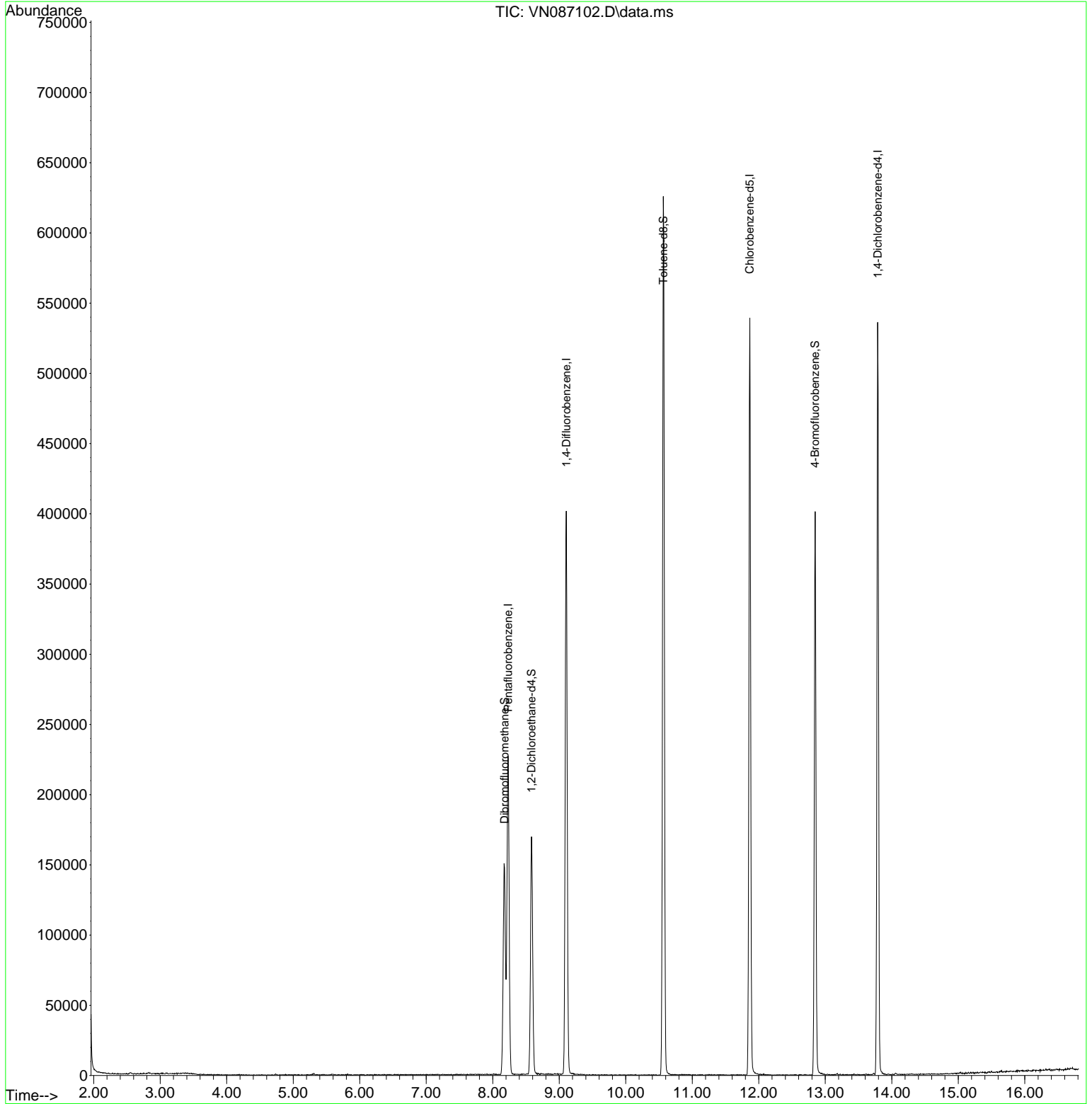
Target Compounds Qvalue

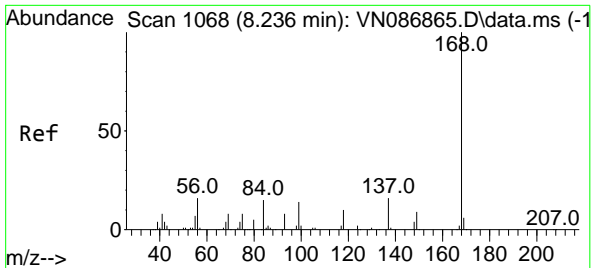
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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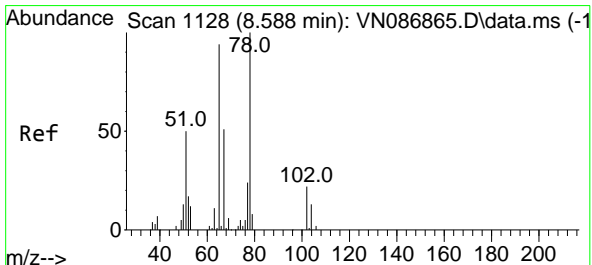
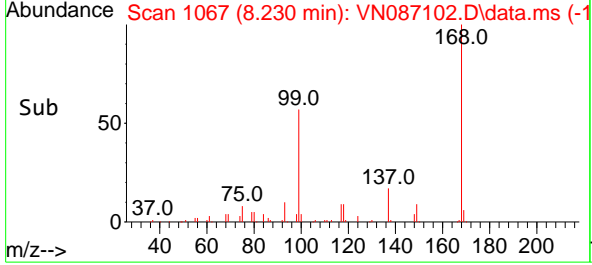
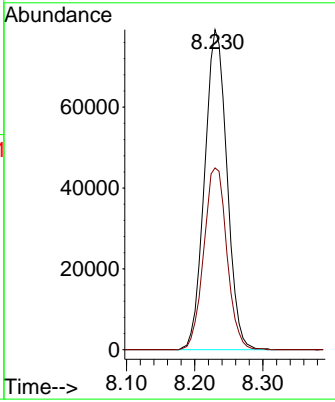
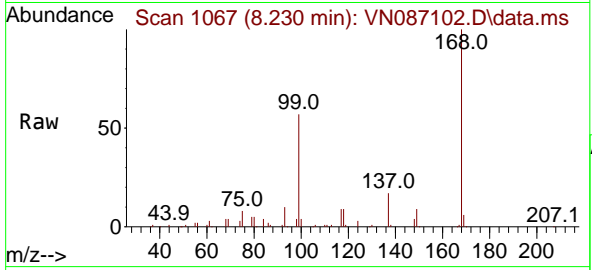




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. -0.006 min
 Lab File: VN087102.D
 Acq: 19 Jun 2025 10:26

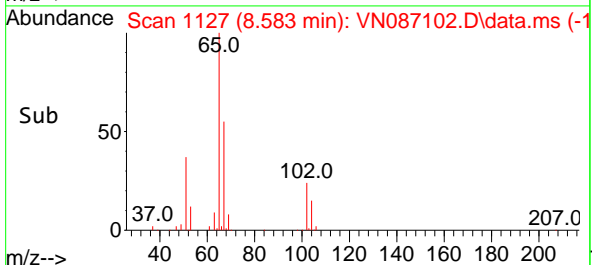
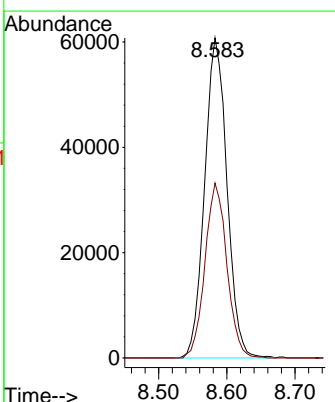
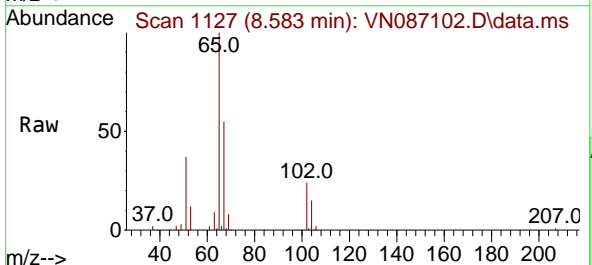
Instrument : MSVOA_N
 ClientSampleId : VN0619WBL01

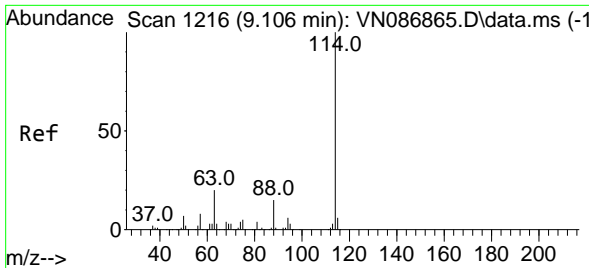
Tgt Ion:168 Resp: 180966
 Ion Ratio Lower Upper
 168 100
 99 56.8 49.1 73.7



#33
 1,2-Dichloroethane-d4
 Concen: 57.091 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VN087102.D
 Acq: 19 Jun 2025 10:26

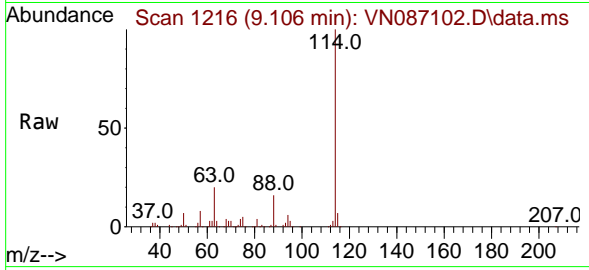
Tgt Ion: 65 Resp: 138328
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.6



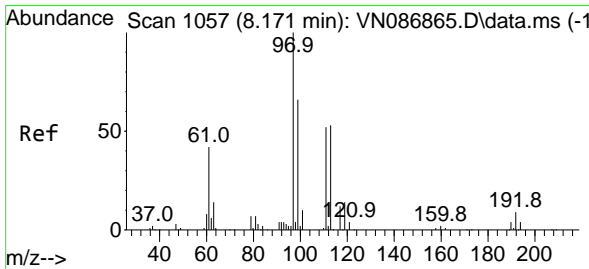
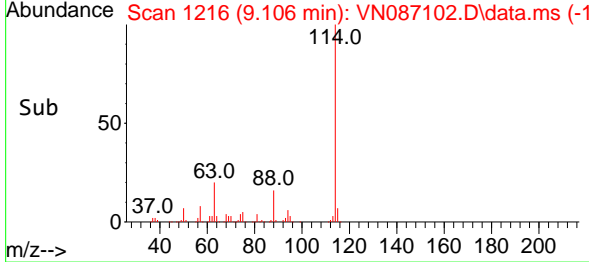
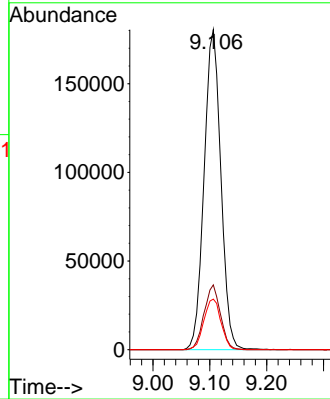


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN087102.D
 Acq: 19 Jun 2025 10:26

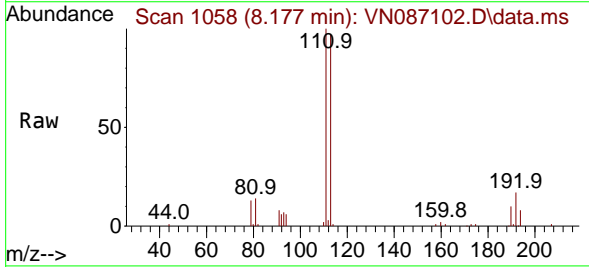
Instrument : MSVOA_N
 ClientSampleId : VN0619WBL01



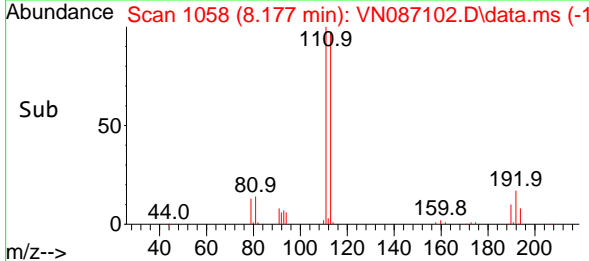
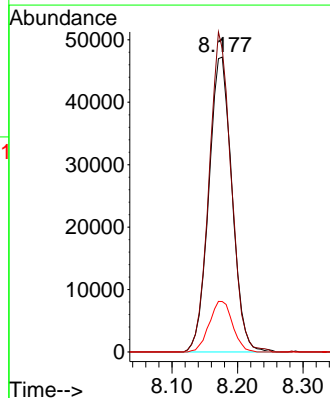
Tgt Ion:114 Resp: 368878
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.6
 88 15.8 0.0 30.2

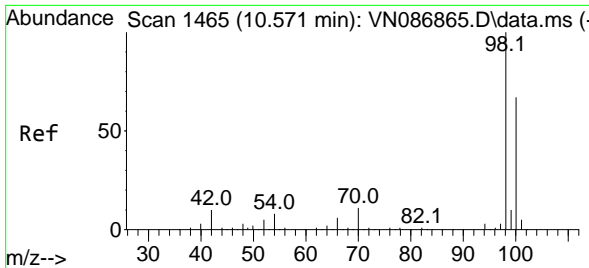


#35
 Dibromofluoromethane
 Concen: 53.071 ug/l
 RT: 8.177 min Scan# 1058
 Delta R.T. 0.006 min
 Lab File: VN087102.D
 Acq: 19 Jun 2025 10:26



Tgt Ion:113 Resp: 116016
 Ion Ratio Lower Upper
 113 100
 111 103.6 84.2 126.2
 192 17.3 14.2 21.4

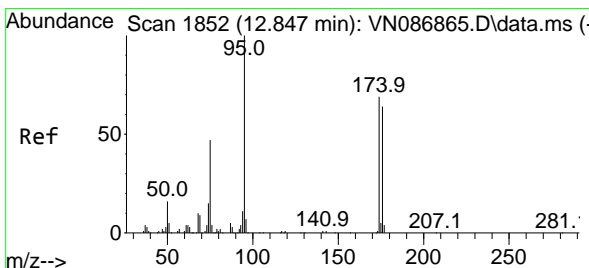
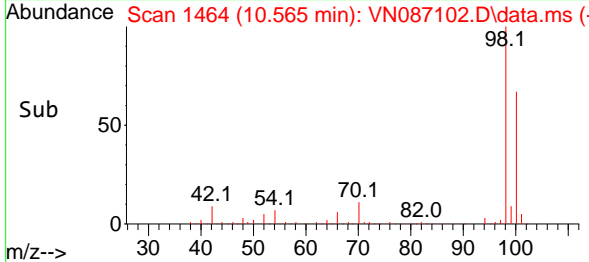
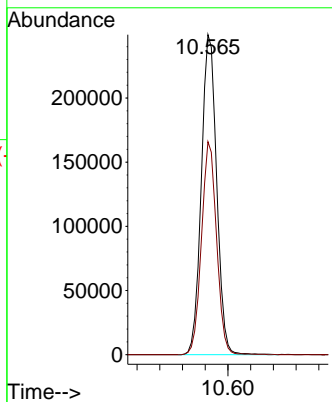
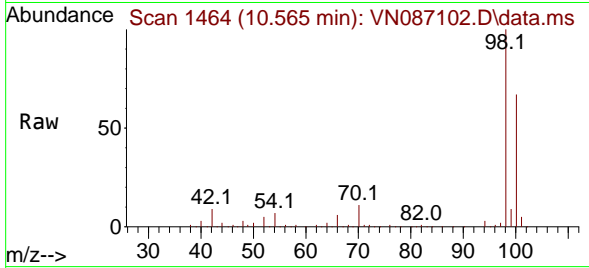




#50
 Toluene-d8
 Concen: 53.793 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. -0.006 min
 Lab File: VN087102.D
 Acq: 19 Jun 2025 10:26

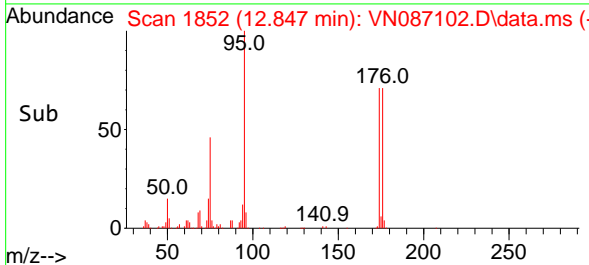
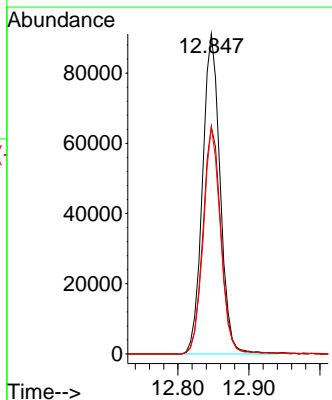
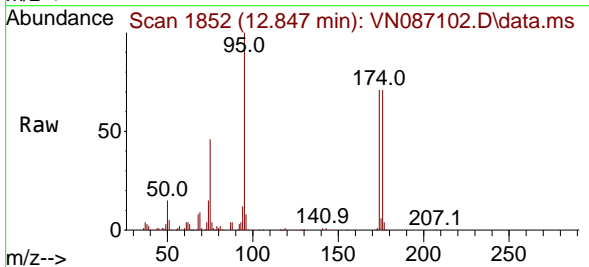
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBL01

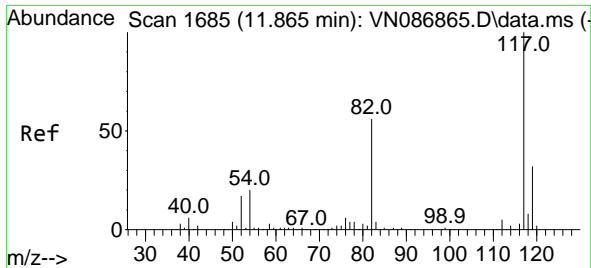
Tgt Ion: 98 Resp: 465529
 Ion Ratio Lower Upper
 98 100
 100 65.6 53.4 80.0



#62
 4-Bromofluorobenzene
 Concen: 48.914 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: VN087102.D
 Acq: 19 Jun 2025 10:26

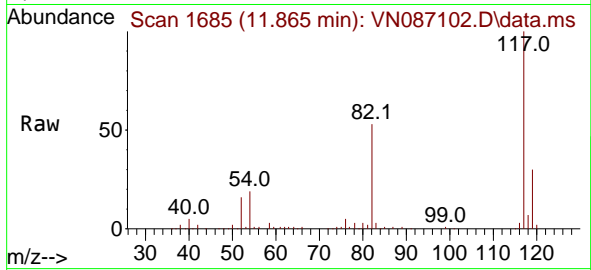
Tgt Ion: 95 Resp: 157268
 Ion Ratio Lower Upper
 95 100
 174 72.8 0.0 141.8
 176 69.7 0.0 132.6



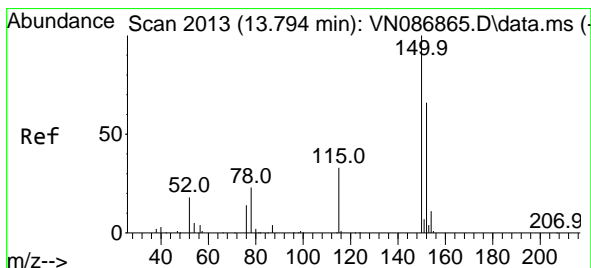
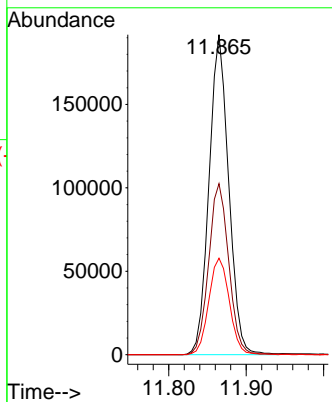
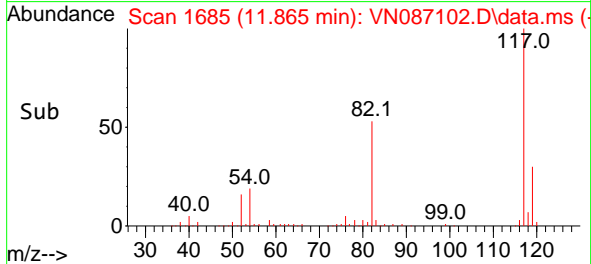


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN087102.D
 Acq: 19 Jun 2025 10:26

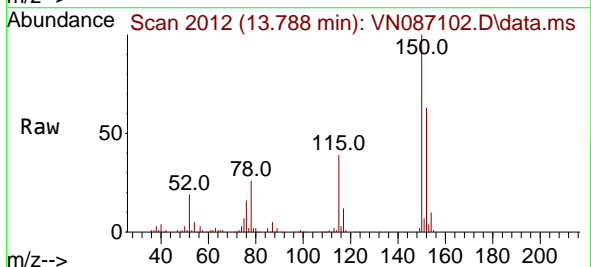
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBL01



Tgt Ion:117 Resp: 337249
 Ion Ratio Lower Upper
 117 100
 82 53.4 44.6 67.0
 119 30.2 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: VN087102.D
 Acq: 19 Jun 2025 10:26



Tgt Ion:152 Resp: 156562
 Ion Ratio Lower Upper
 152 100
 115 59.9 30.1 90.5
 150 156.9 0.0 345.0

