

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060925\
 Data File : VN086890.D
 Acq On : 09 Jun 2025 09:33
 Operator : JC\MD
 Sample : VN0609WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
ClientSampleId :
 VN0609WBL01

Quant Time: Jun 10 03:28:34 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	8.229	168	390256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	684606	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	591728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	288224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	223703	42.813	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.620%
35) Dibromofluoromethane	8.177	113	194994	48.062	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.120%
50) Toluene-d8	10.565	98	814952	50.741	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.480%
62) 4-Bromofluorobenzene	12.847	95	291875	48.913	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.820%

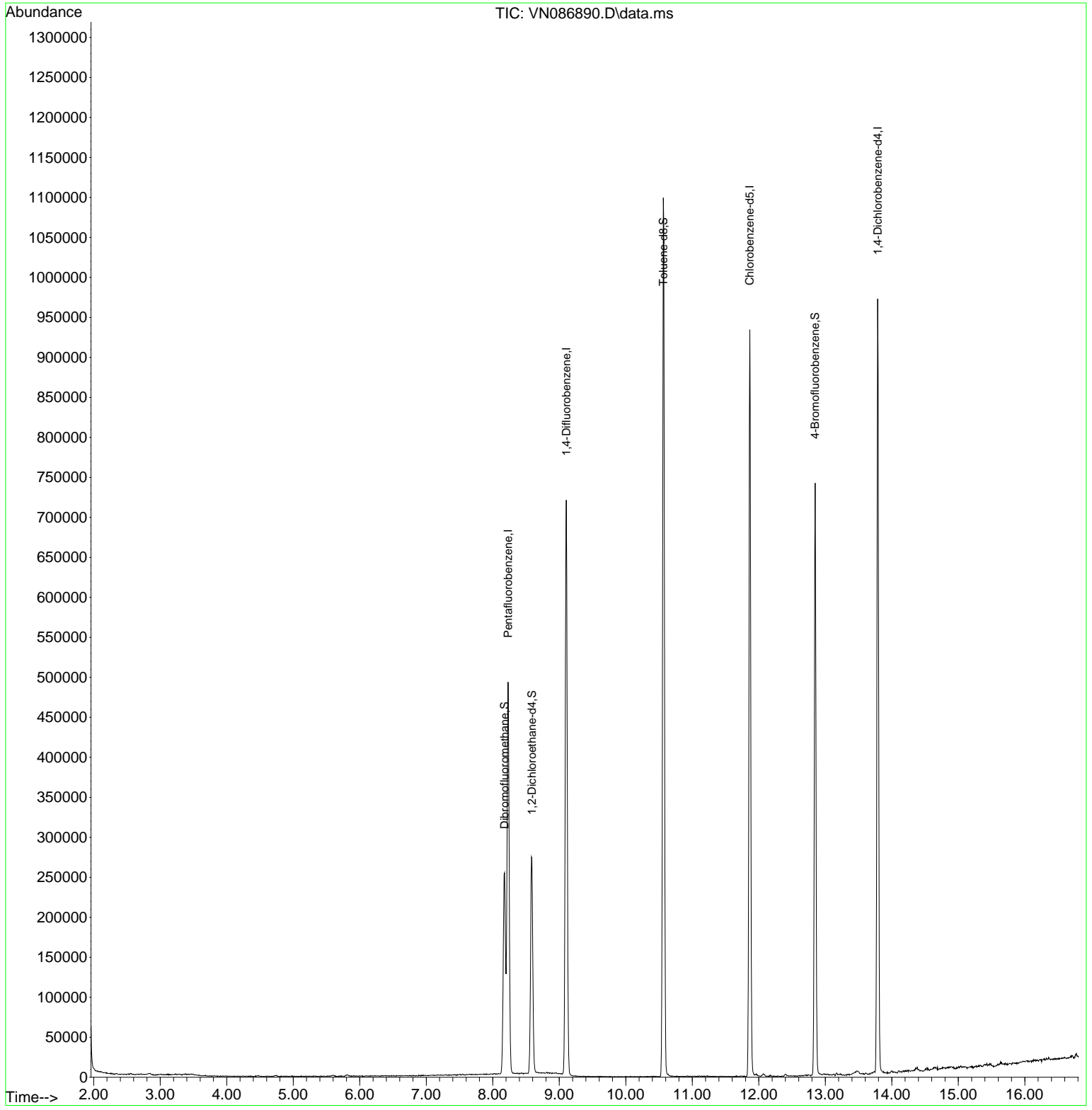
Target Compounds Qvalue

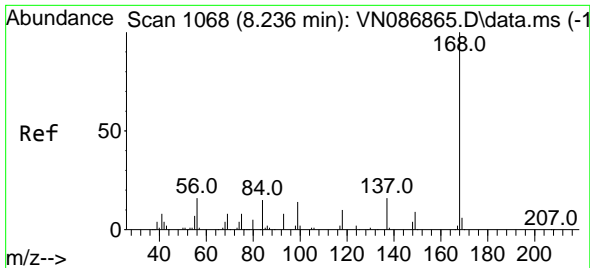
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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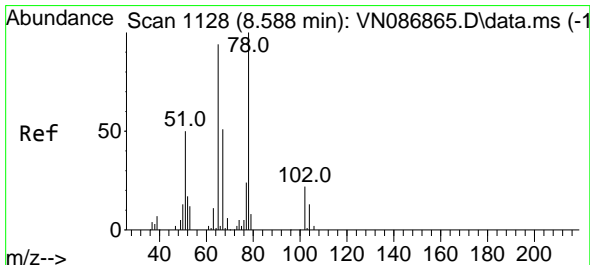
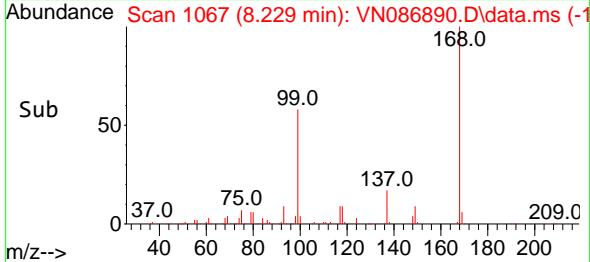
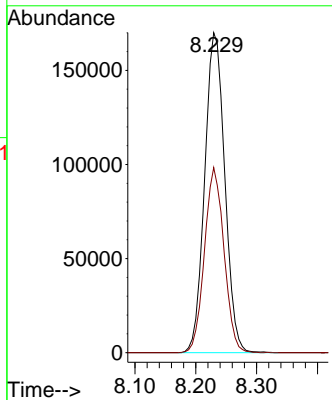
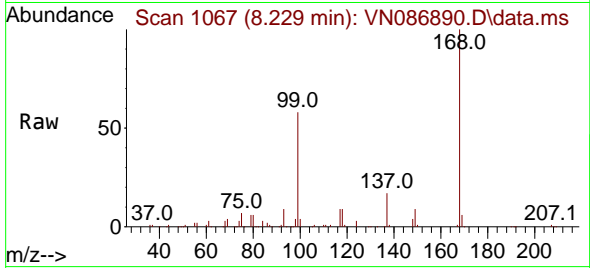




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.229 min Scan# 1067
 Delta R.T. -0.007 min
 Lab File: VN086890.D
 Acq: 09 Jun 2025 09:33

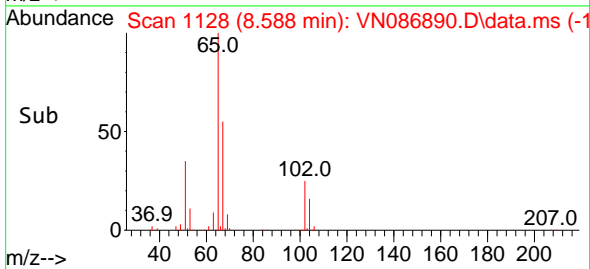
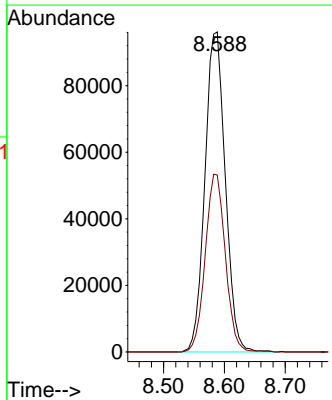
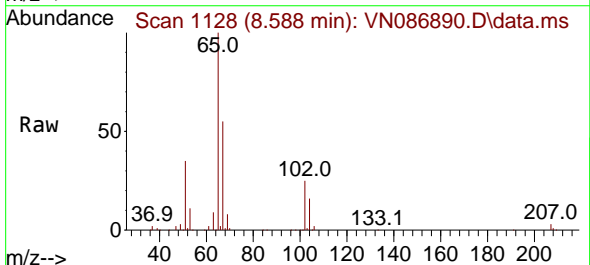
Instrument : MSVOA_N
 ClientSampleId : VN0609WBL01

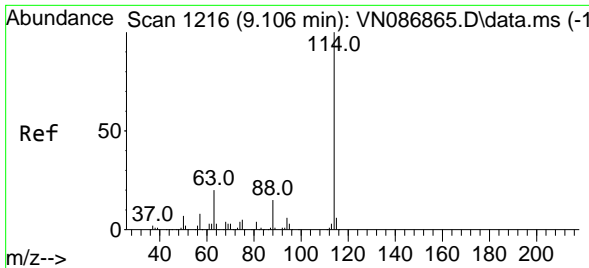
Tgt Ion:168 Resp: 390256
 Ion Ratio Lower Upper
 168 100
 99 57.8 49.1 73.7



#33
 1,2-Dichloroethane-d4
 Concen: 42.813 ug/l
 RT: 8.588 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VN086890.D
 Acq: 09 Jun 2025 09:33

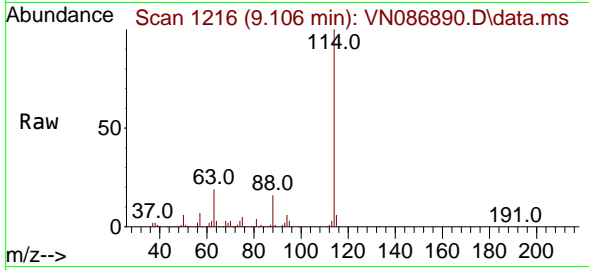
Tgt Ion: 65 Resp: 223703
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 105.6



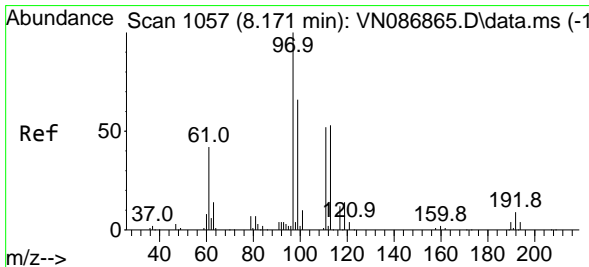
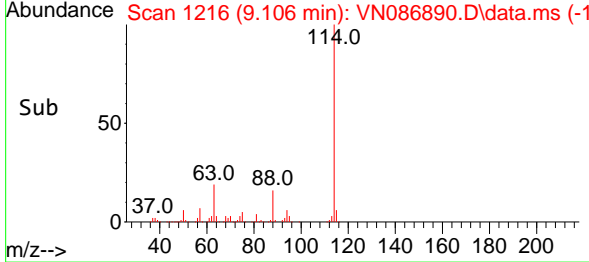
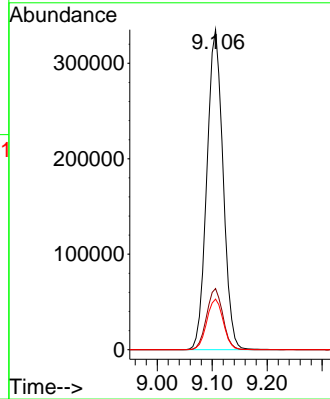


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN086890.D
 Acq: 09 Jun 2025 09:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0609WBL01

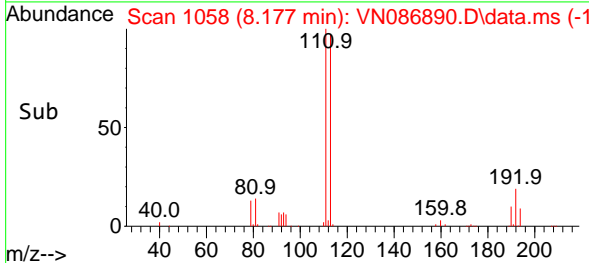
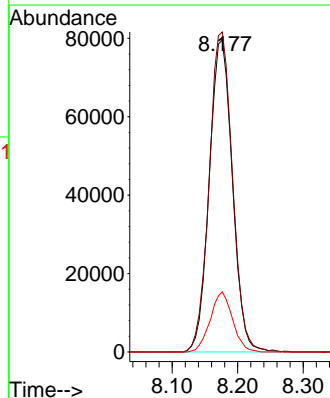
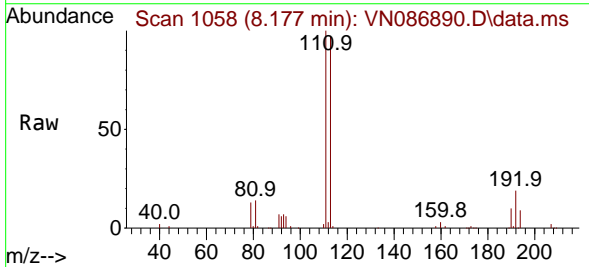


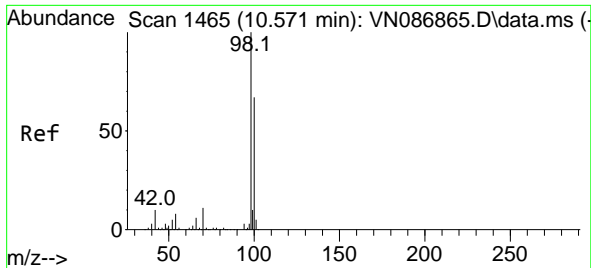
Tgt Ion:114 Resp: 684606
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.6
 88 15.8 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 48.062 ug/l
 RT: 8.177 min Scan# 1058
 Delta R.T. 0.006 min
 Lab File: VN086890.D
 Acq: 09 Jun 2025 09:33

Tgt Ion:113 Resp: 194994
 Ion Ratio Lower Upper
 113 100
 111 103.2 84.2 126.2
 192 18.5 14.2 21.4

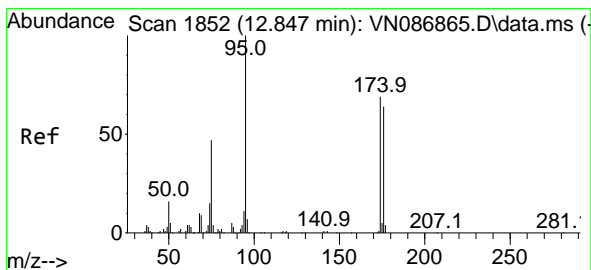
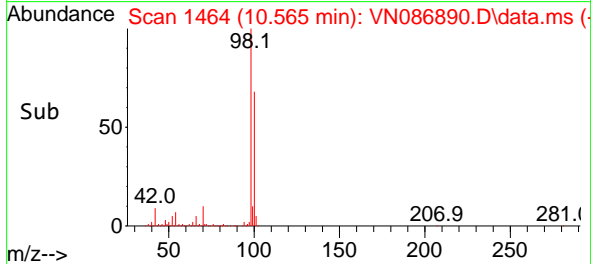
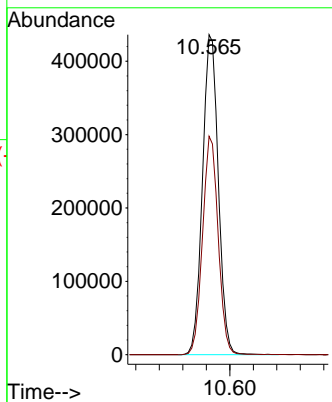
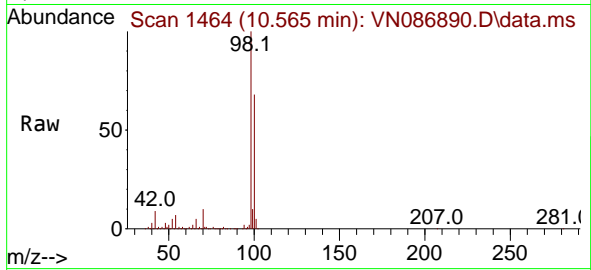




#50
 Toluene-d8
 Concen: 50.741 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. -0.006 min
 Lab File: VN086890.D
 Acq: 09 Jun 2025 09:33

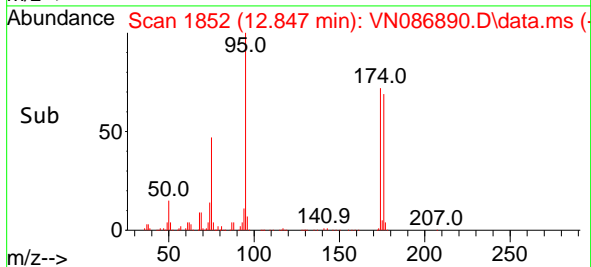
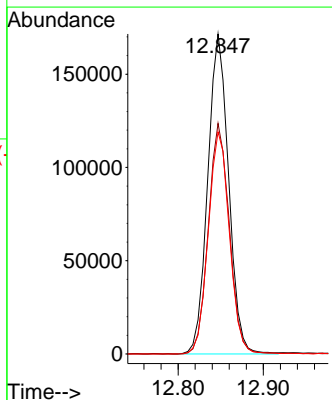
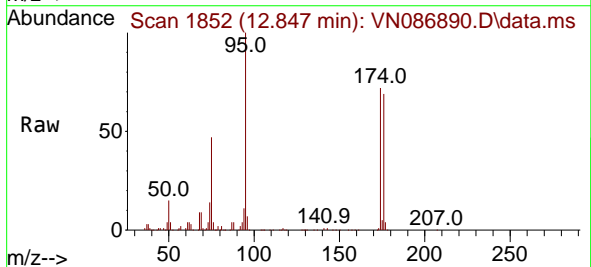
Instrument : MSVOA_N
 ClientSampleId : VN0609WBL01

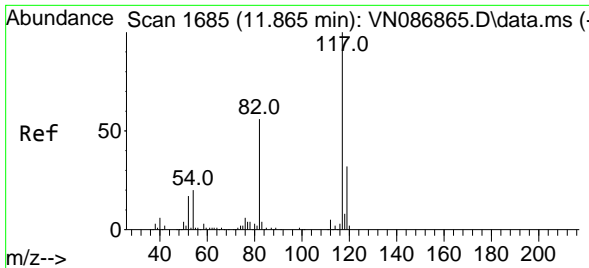
Tgt Ion: 98 Resp: 814952
 Ion Ratio Lower Upper
 98 100
 100 67.2 53.4 80.0



#62
 4-Bromofluorobenzene
 Concen: 48.913 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: VN086890.D
 Acq: 09 Jun 2025 09:33

Tgt Ion: 95 Resp: 291875
 Ion Ratio Lower Upper
 95 100
 174 72.5 0.0 141.8
 176 70.2 0.0 132.6



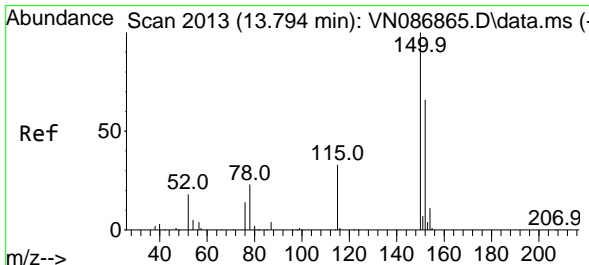
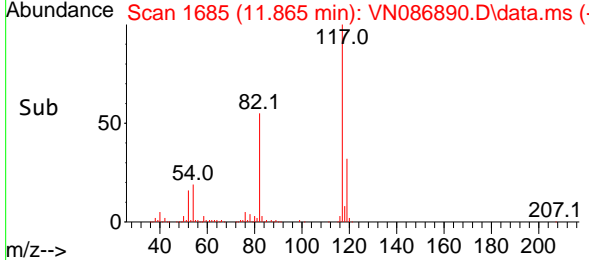
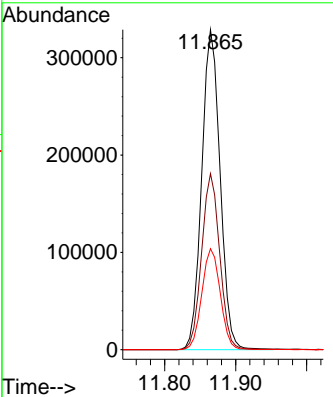
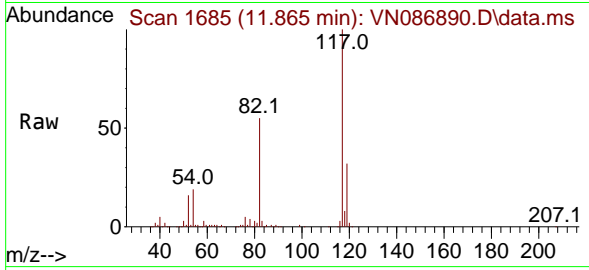


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN086890.D
 Acq: 09 Jun 2025 09:33

Instrument : MSVOA_N
 ClientSampleId : VN0609WBL01

Tgt Ion:117 Resp: 591728

Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.6	67.0
119	31.6	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: VN086890.D
 Acq: 09 Jun 2025 09:33

Tgt Ion:152 Resp: 288224

Ion	Ratio	Lower	Upper
152	100		
115	59.1	30.1	90.5
150	158.0	0.0	345.0

