

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061225\
 Data File : VN086969.D
 Acq On : 12 Jun 2025 11:55
 Operator : JC\MD
 Sample : VN0612WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBL01

Quant Time: Jun 13 01:24:42 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	293212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	559485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	496764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	239856	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	199589	50.841	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.680%
35) Dibromofluoromethane	8.171	113	168556	50.837	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.680%
50) Toluene-d8	10.571	98	688131	52.426	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.860%
62) 4-Bromofluorobenzene	12.847	95	245215	50.284	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.560%

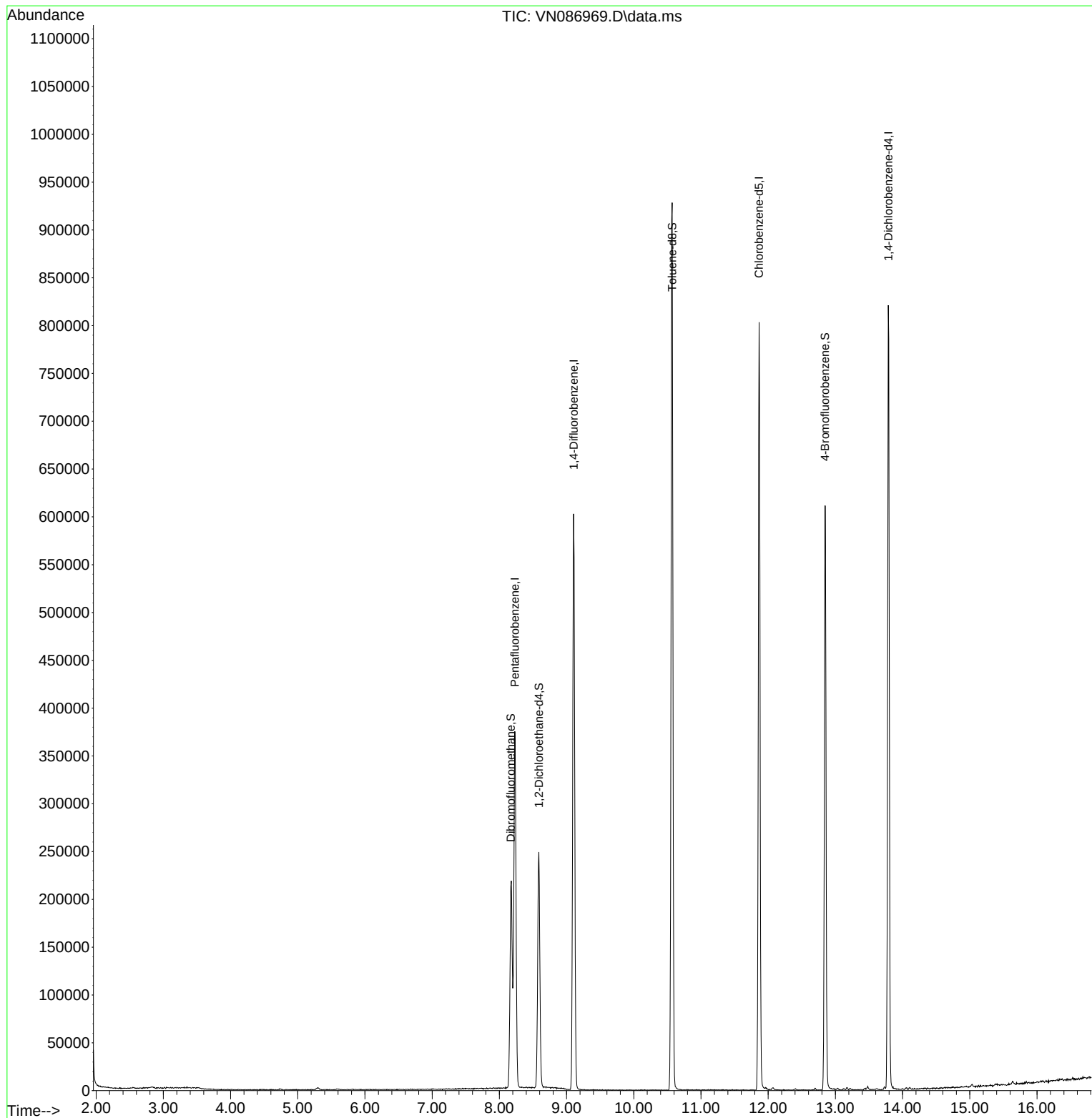
Target Compounds	Qvalue

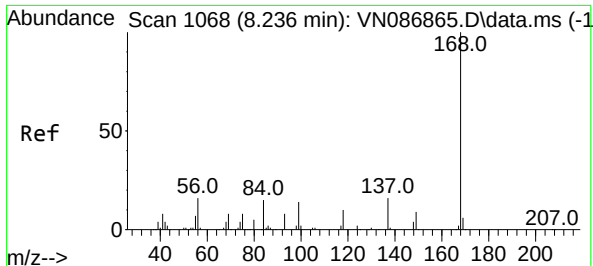
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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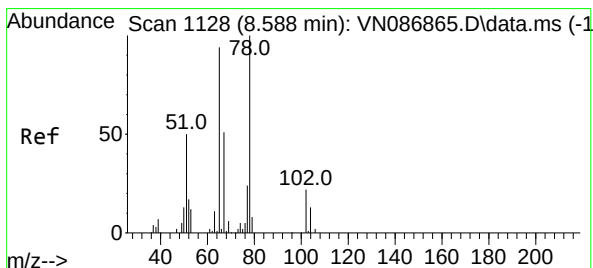
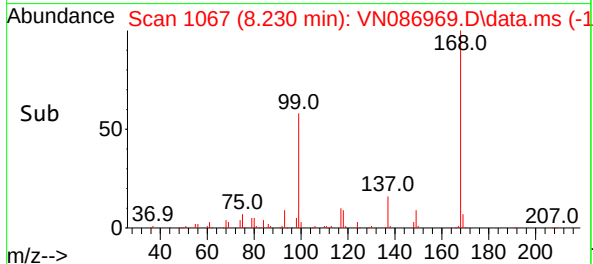
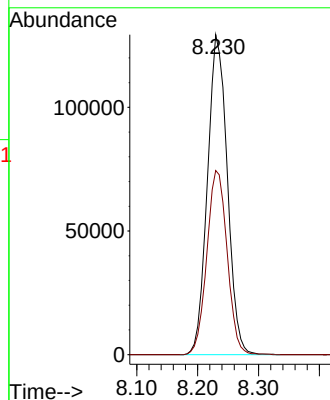
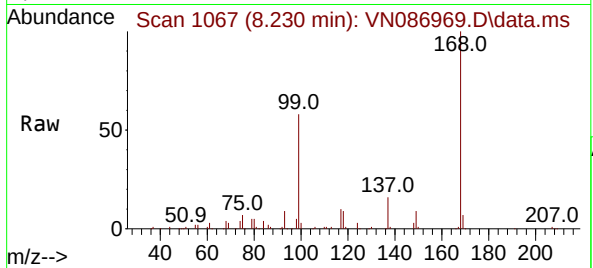




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN086969.D
Acq: 12 Jun 2025 11:55

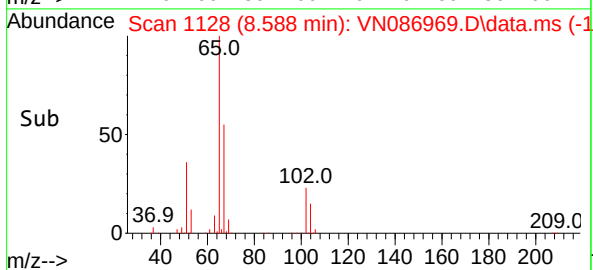
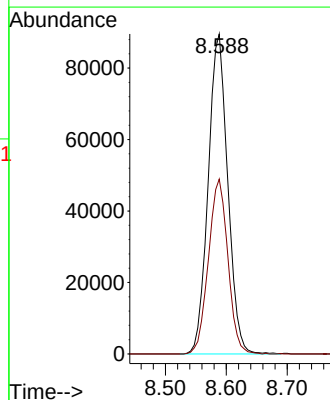
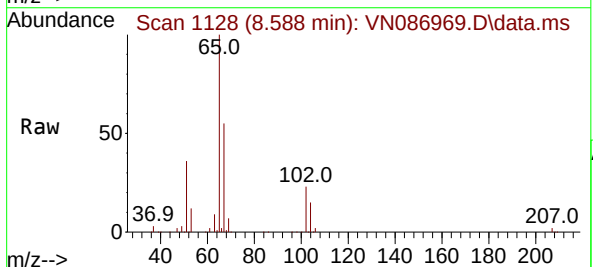
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBL01

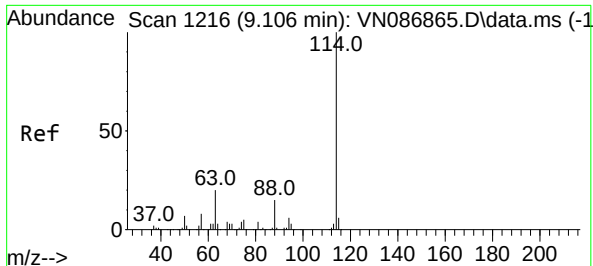
Tgt Ion:168 Resp: 293212
Ion Ratio Lower Upper
168 100
99 57.5 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 50.841 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN086969.D
Acq: 12 Jun 2025 11:55

Tgt Ion: 65 Resp: 199589
Ion Ratio Lower Upper
65 100
67 54.4 0.0 105.6

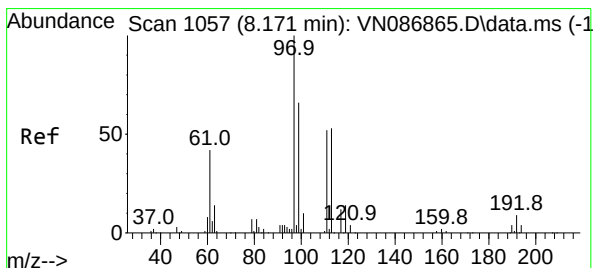
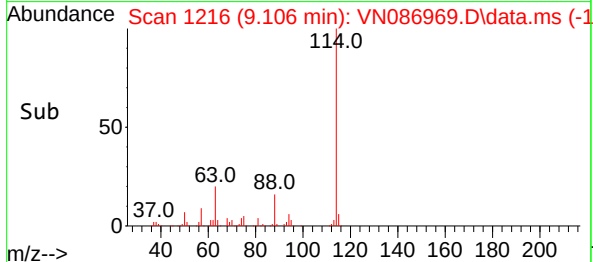
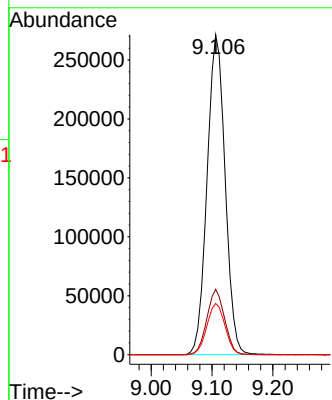
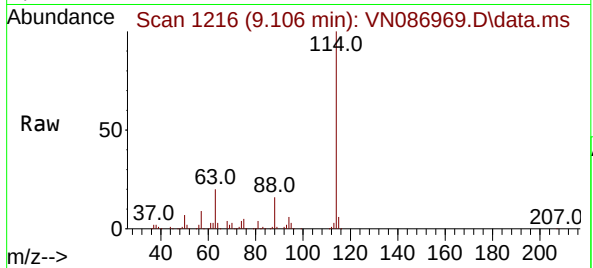




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086969.D
Acq: 12 Jun 2025 11:55

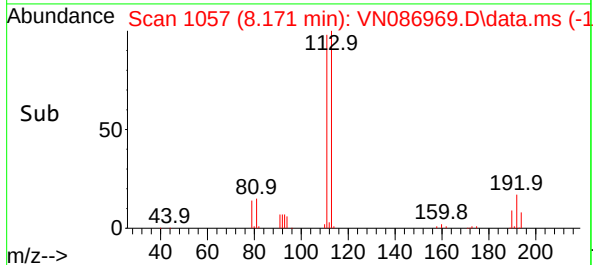
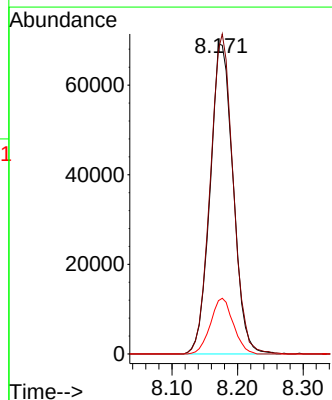
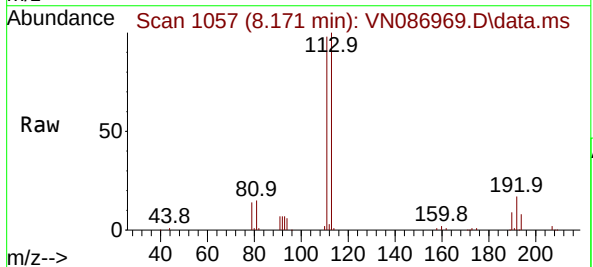
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBL01

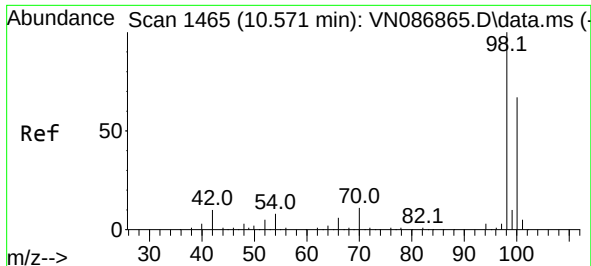
Tgt Ion:114 Resp: 559485
Ion Ratio Lower Upper
114 100
63 20.5 0.0 39.6
88 16.0 0.0 30.2



#35
Dibromofluoromethane
Concen: 50.837 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN086969.D
Acq: 12 Jun 2025 11:55

Tgt Ion:113 Resp: 168556
Ion Ratio Lower Upper
113 100
111 102.1 84.2 126.2
192 17.8 14.2 21.4

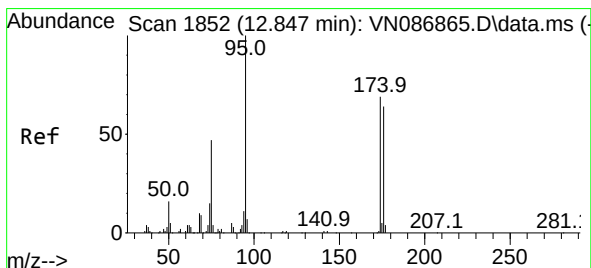
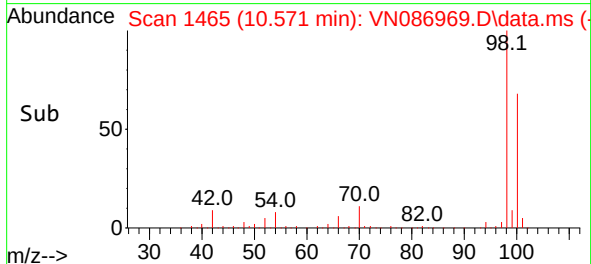
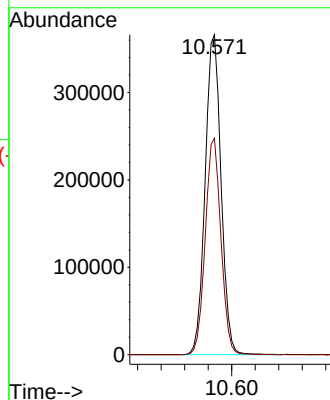
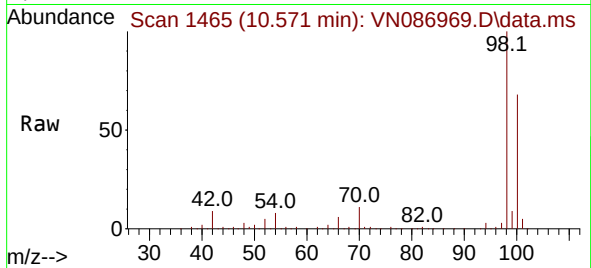




#50
Toluene-d8
Concen: 52.426 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086969.D
Acq: 12 Jun 2025 11:55

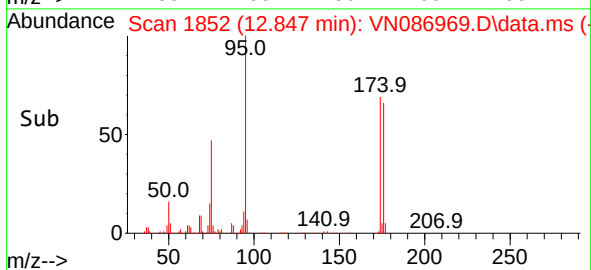
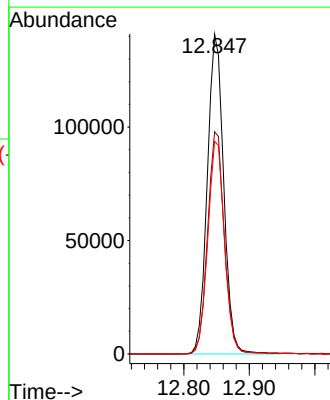
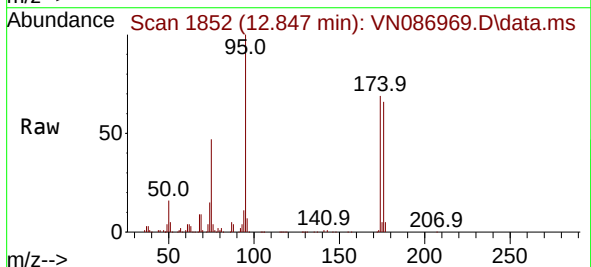
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBL01

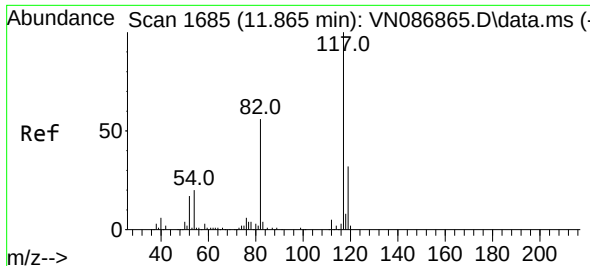
Tgt Ion: 98 Resp: 688131
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 50.284 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086969.D
Acq: 12 Jun 2025 11:55

Tgt Ion: 95 Resp: 245215
Ion Ratio Lower Upper
95 100
174 70.8 0.0 141.8
176 67.9 0.0 132.6

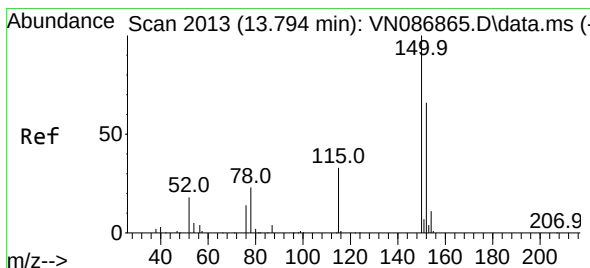
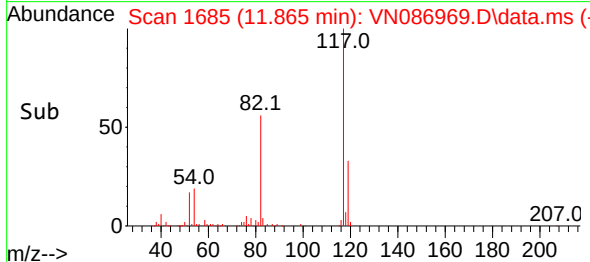
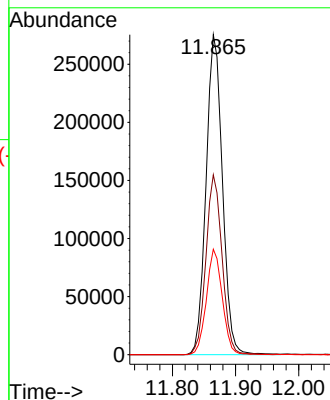
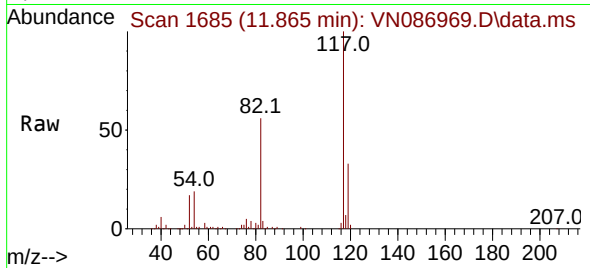




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086969.D
Acq: 12 Jun 2025 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBL01

Tgt Ion:117 Resp: 496764
Ion Ratio Lower Upper
117 100
82 56.2 44.6 67.0
119 32.9 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: VN086969.D
Acq: 12 Jun 2025 11:55

Tgt Ion:152 Resp: 239856
Ion Ratio Lower Upper
152 100
115 61.0 30.1 90.5
150 156.7 0.0 345.0

