

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
 Data File : VN086914.D
 Acq On : 10 Jun 2025 09:47
 Operator : JC\MD
 Sample : VN0610MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610MBL01

Quant Time: Jun 11 01:48:12 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	240358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	436120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	383518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	180949	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	148327	46.091	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.180%
35) Dibromofluoromethane	8.177	113	128226	49.613	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.220%
50) Toluene-d8	10.565	98	525057	51.317	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.640%
62) 4-Bromofluorobenzene	12.847	95	188626	49.621	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.240%

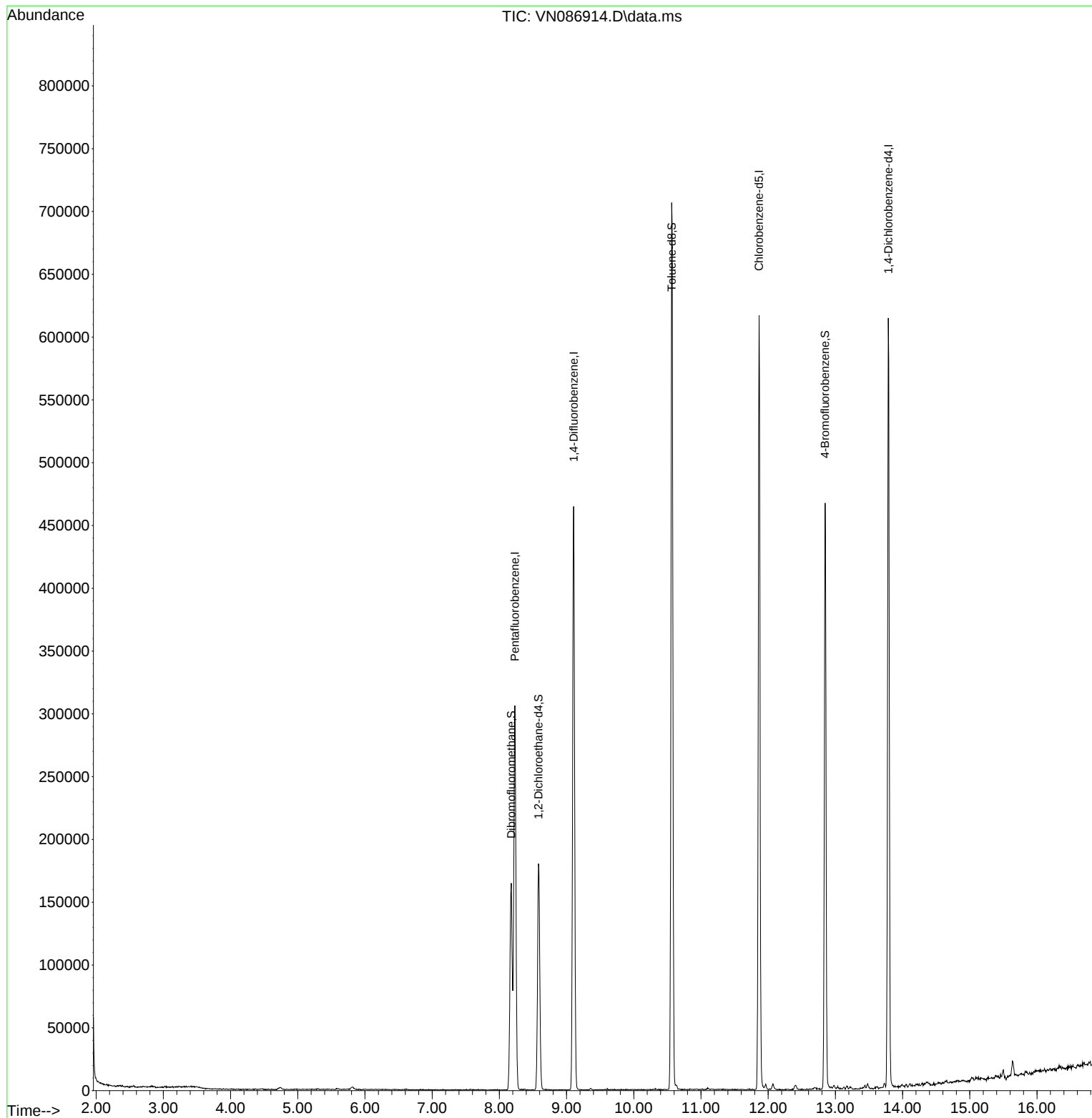
Target Compounds	Qvalue

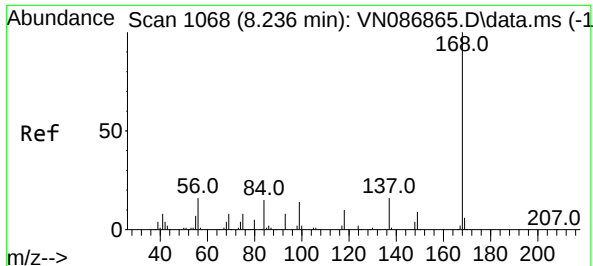
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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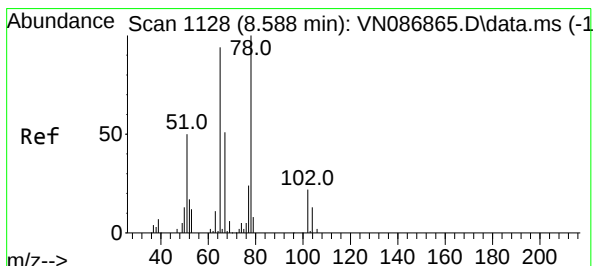
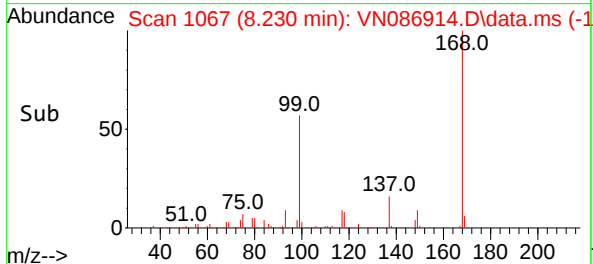
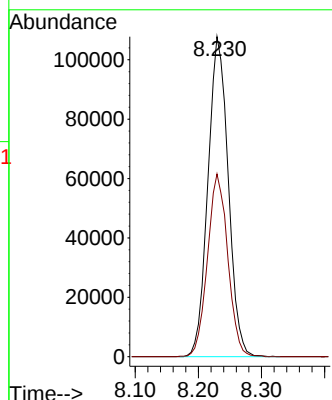
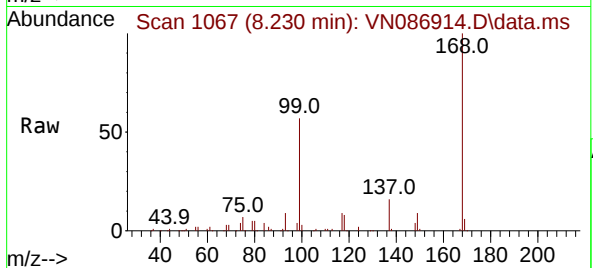




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN086914.D
Acq: 10 Jun 2025 09:47

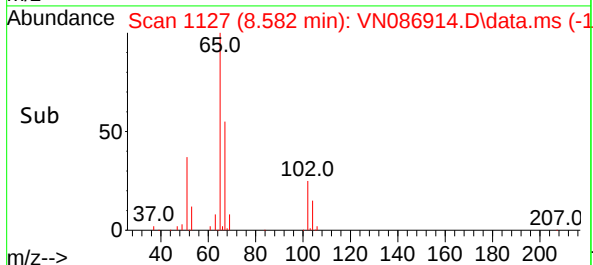
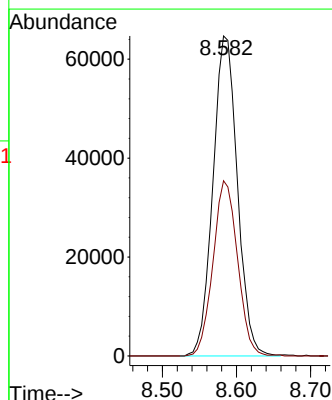
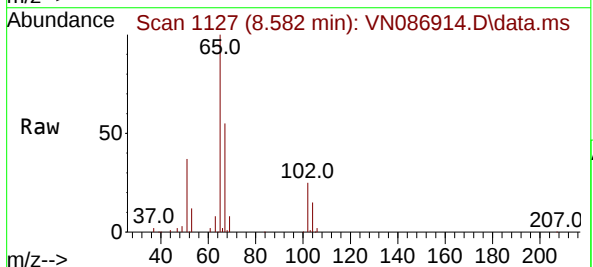
Instrument :
MSVOA_N
ClientSampleId :
VN0610MBL01

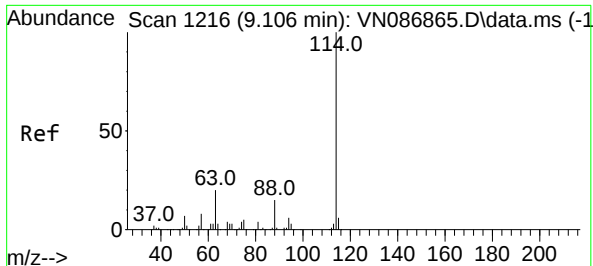
Tgt Ion:168 Resp: 240358
Ion Ratio Lower Upper
168 100
99 57.1 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 46.091 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN086914.D
Acq: 10 Jun 2025 09:47

Tgt Ion: 65 Resp: 148327
Ion Ratio Lower Upper
65 100
67 54.9 0.0 105.6

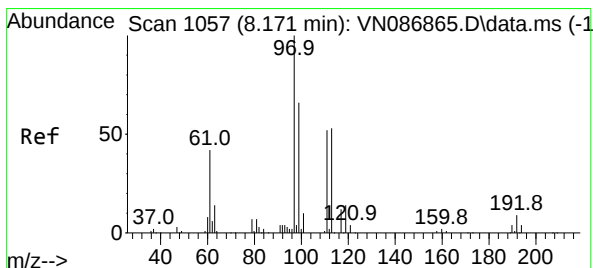
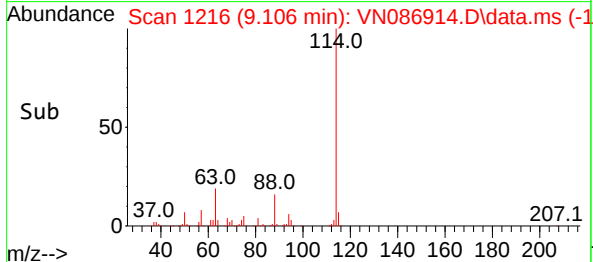
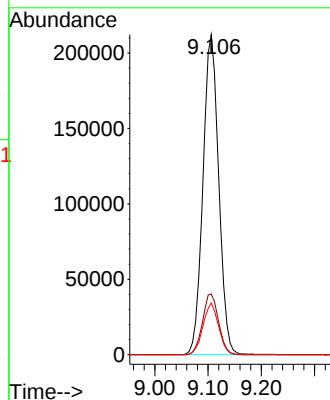
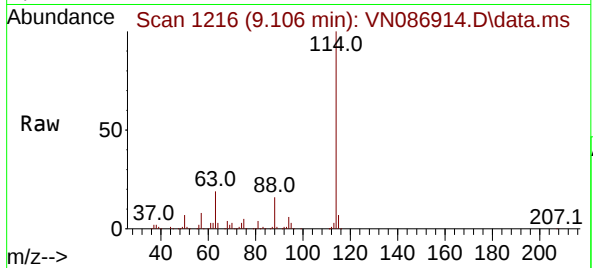




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086914.D
Acq: 10 Jun 2025 09:47

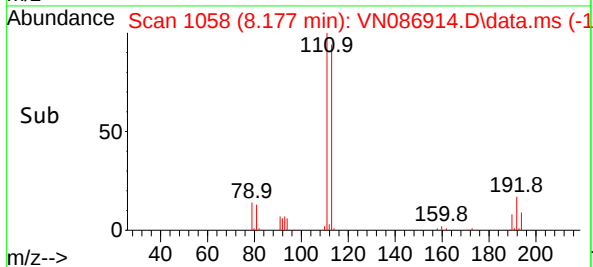
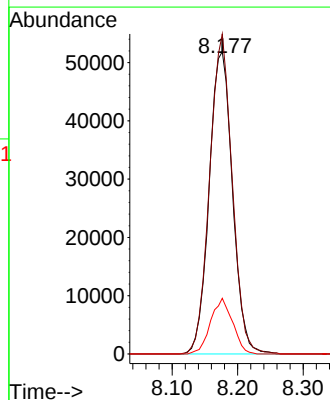
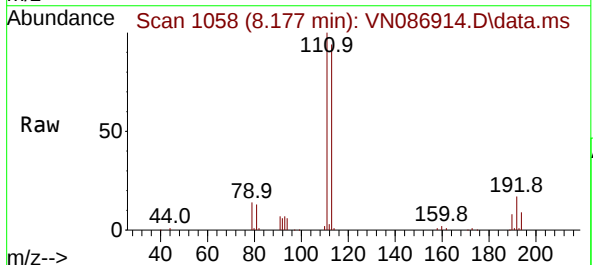
Instrument :
MSVOA_N
ClientSampleId :
VN0610MBL01

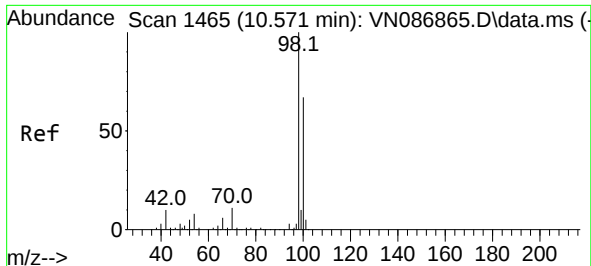
Tgt Ion:114 Resp: 436120
Ion Ratio Lower Upper
114 100
63 18.9 0.0 39.6
88 16.2 0.0 30.2



#35
Dibromofluoromethane
Concen: 49.613 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN086914.D
Acq: 10 Jun 2025 09:47

Tgt Ion:113 Resp: 128226
Ion Ratio Lower Upper
113 100
111 102.3 84.2 126.2
192 17.4 14.2 21.4

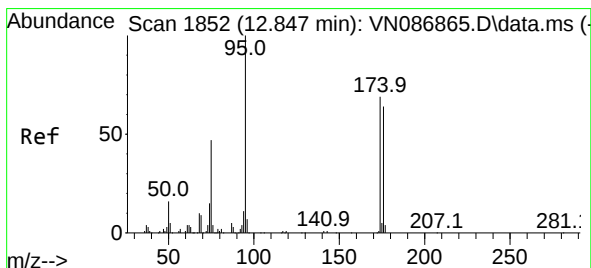
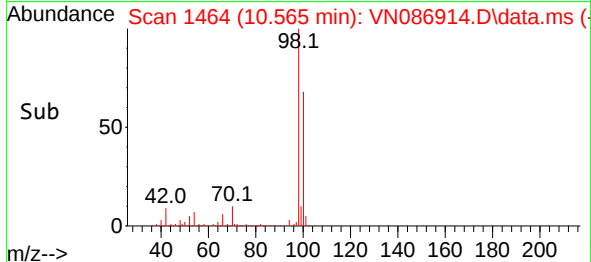
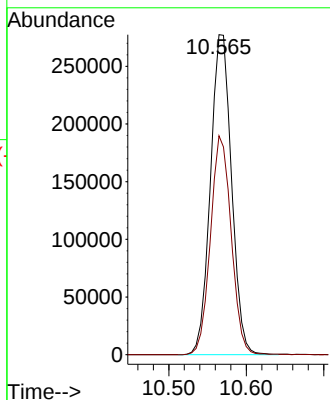
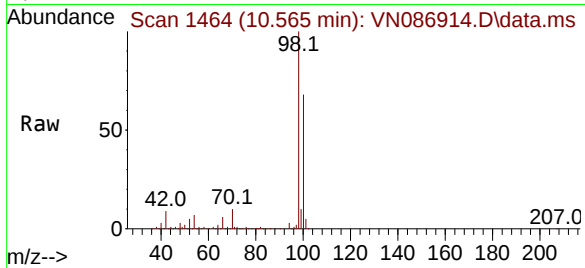




#50
Toluene-d8
Concen: 51.317 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN086914.D
Acq: 10 Jun 2025 09:47

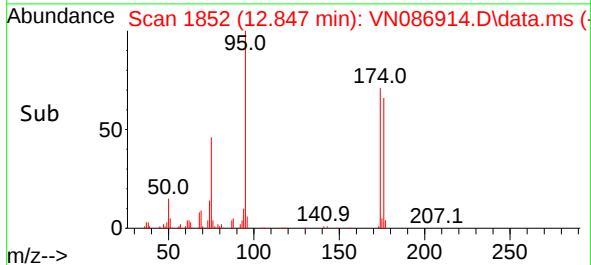
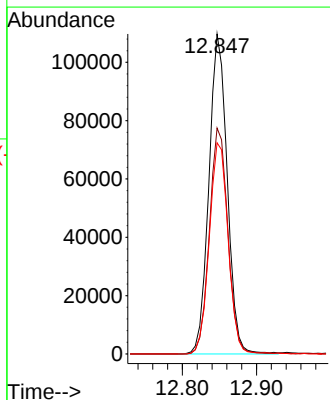
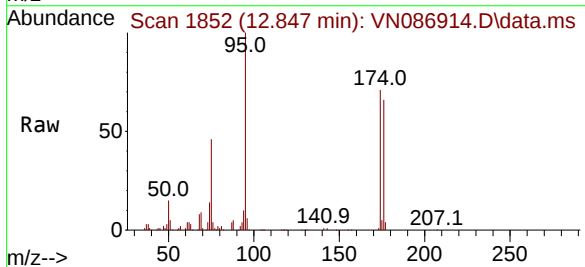
Instrument :
MSVOA_N
ClientSampleId :
VN0610MBL01

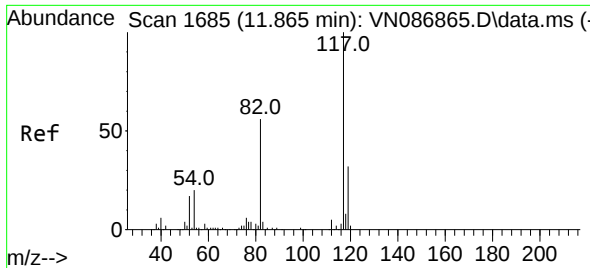
Tgt Ion: 98 Resp: 525057
Ion Ratio Lower Upper
98 100
100 67.1 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 49.621 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086914.D
Acq: 10 Jun 2025 09:47

Tgt Ion: 95 Resp: 188626
Ion Ratio Lower Upper
95 100
174 71.2 0.0 141.8
176 67.9 0.0 132.6

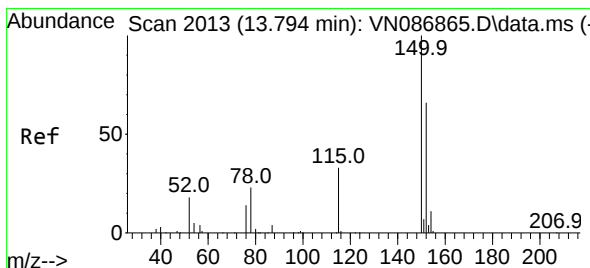
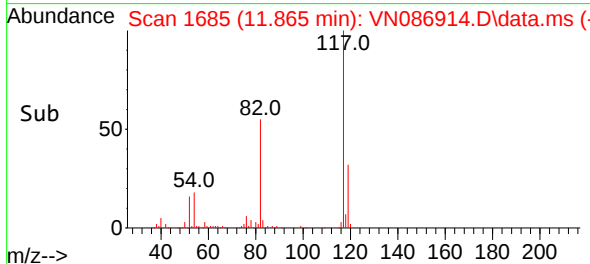
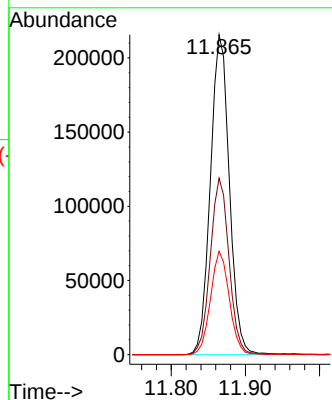
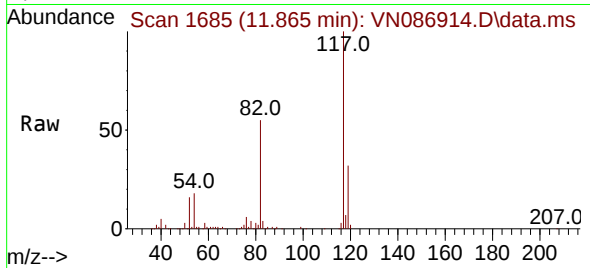




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086914.D
Acq: 10 Jun 2025 09:47

Instrument :
MSVOA_N
ClientSampleId :
VN0610MBL01

Tgt Ion:117 Resp: 383518
Ion Ratio Lower Upper
117 100
82 55.2 44.6 67.0
119 32.3 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: VN086914.D
Acq: 10 Jun 2025 09:47

Tgt Ion:152 Resp: 180949
Ion Ratio Lower Upper
152 100
115 60.5 30.1 90.5
150 158.9 0.0 345.0

