

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
 Data File : VN086727.D
 Acq On : 21 May 2025 13:29
 Operator : JC\MD
 Sample : Q2068-01 20X
 Misc : 2.31g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LAW-25-0075

Quant Time: May 22 01:22:14 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	8.224	168	158035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307853	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	128011	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	113577	52.010	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.020%
35) Dibromofluoromethane	8.165	113	96358	52.557	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.120%
50) Toluene-d8	10.565	98	398952	52.510	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.020%
62) 4-Bromofluorobenzene	12.847	95	140785	52.479	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.960%

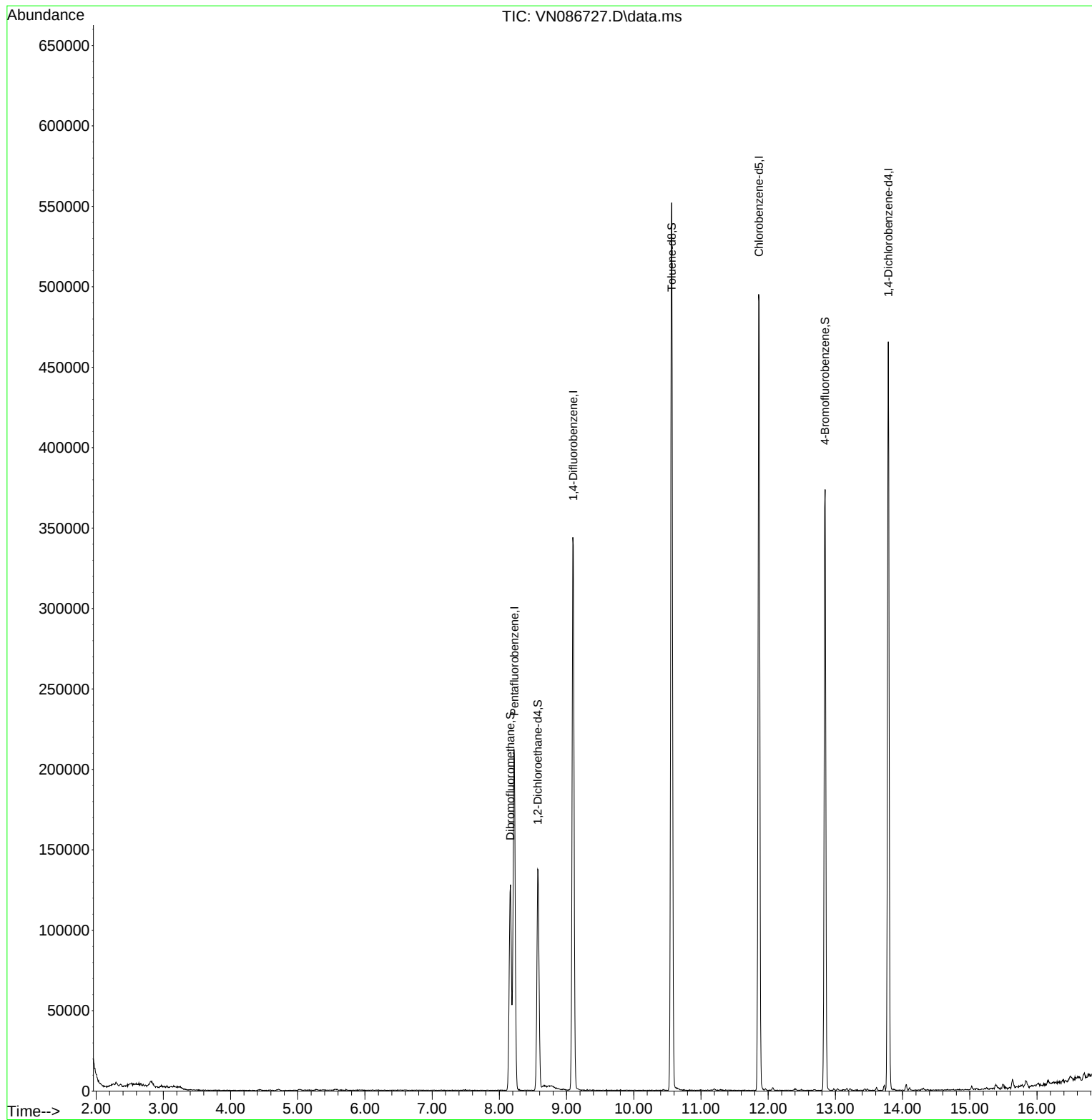
Target Compounds	Qvalue

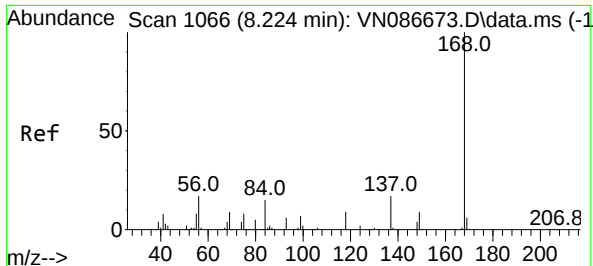
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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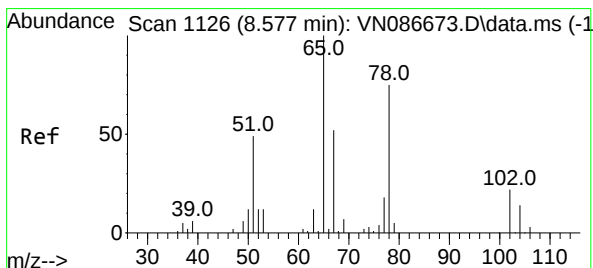
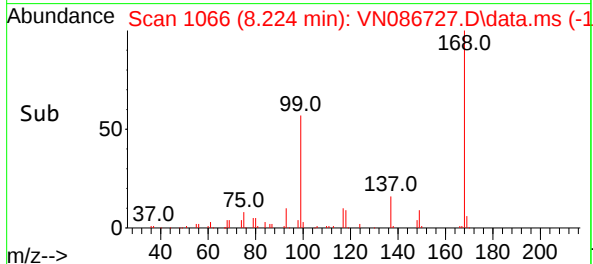
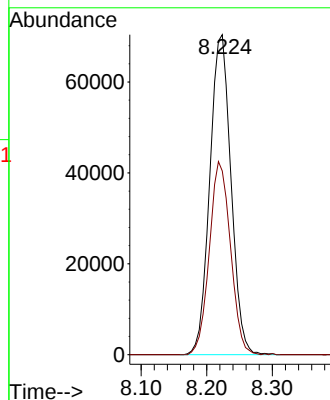
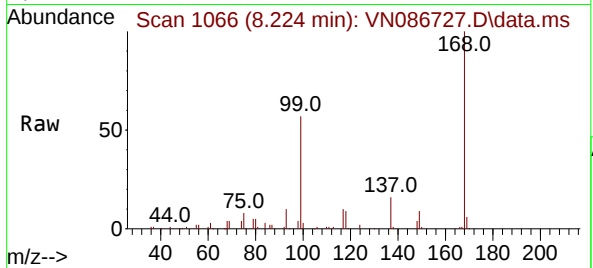




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086727.D
Acq: 21 May 2025 13:29

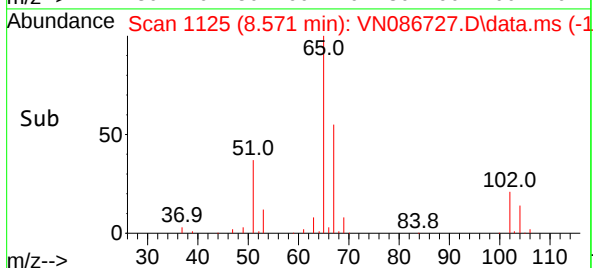
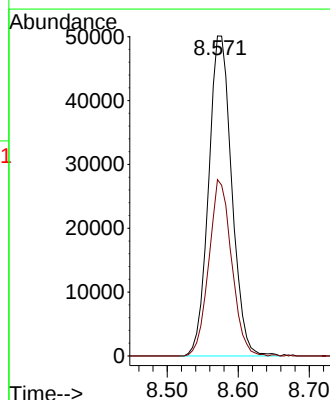
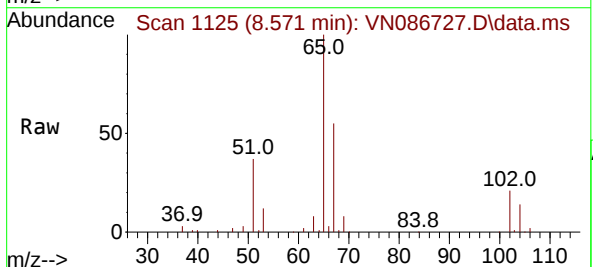
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0075

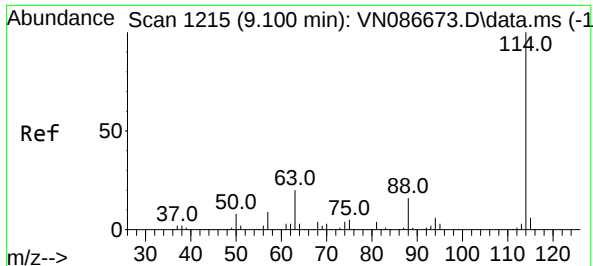
Tgt Ion:168 Resp: 158035
Ion Ratio Lower Upper
168 100
99 57.4 47.0 70.4



#33
1,2-Dichloroethane-d4
Concen: 52.010 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN086727.D
Acq: 21 May 2025 13:29

Tgt Ion: 65 Resp: 113577
Ion Ratio Lower Upper
65 100
67 54.1 0.0 106.4

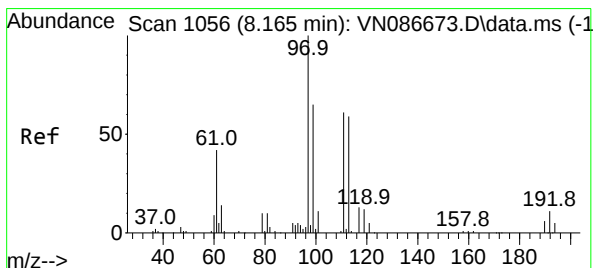
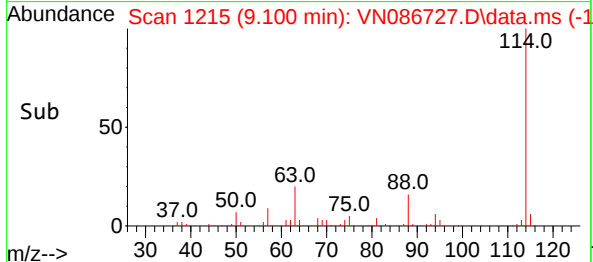
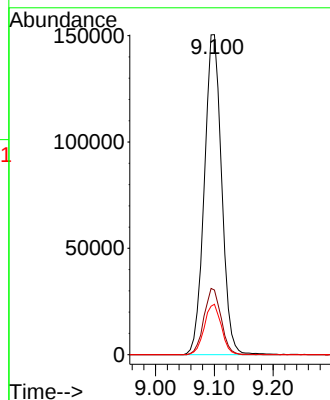
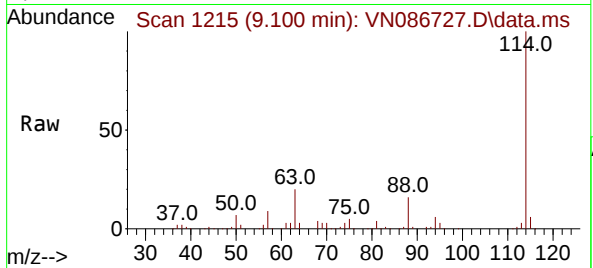




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086727.D
Acq: 21 May 2025 13:29

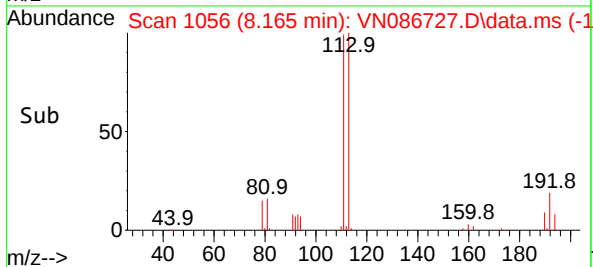
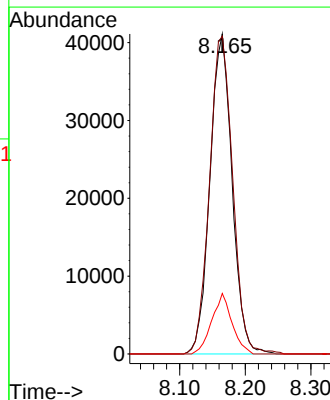
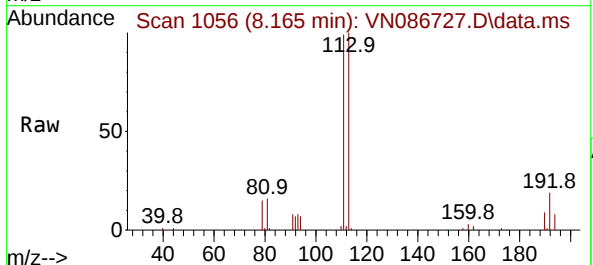
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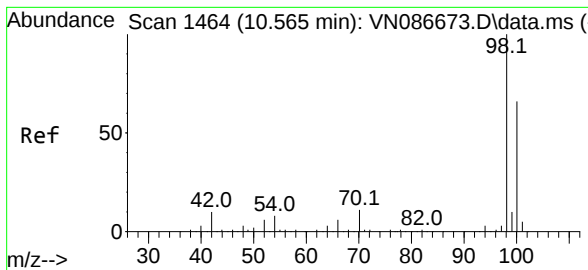
Tgt Ion:114 Resp: 307853
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.2
88 15.7 0.0 31.2



#35
Dibromofluoromethane
Concen: 52.557 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086727.D
Acq: 21 May 2025 13:29

Tgt Ion:113 Resp: 96358
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 17.3 13.8 20.8

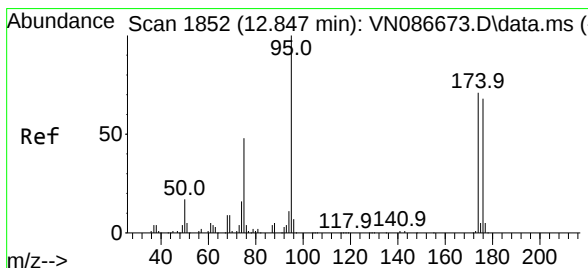
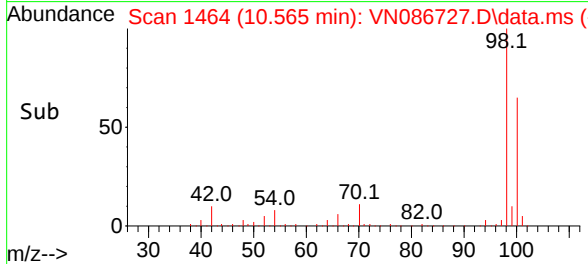
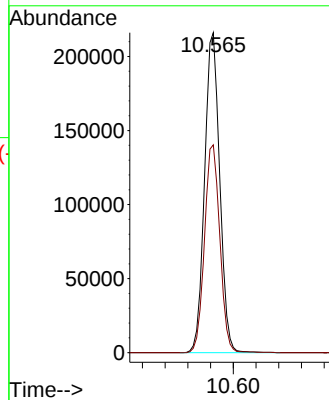
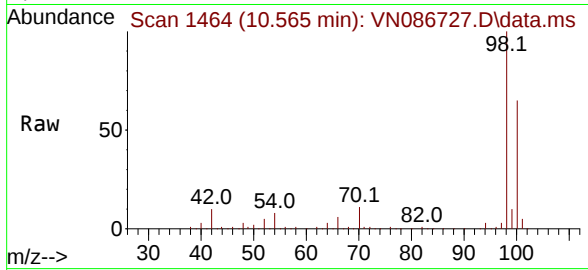




#50
Toluene-d8
Concen: 52.510 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086727.D
Acq: 21 May 2025 13:29

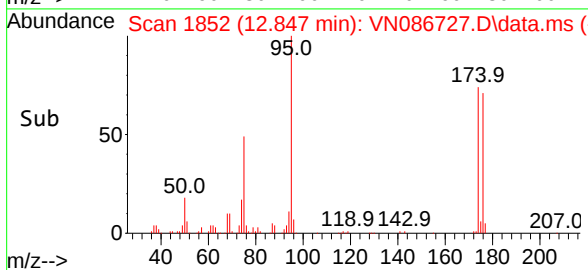
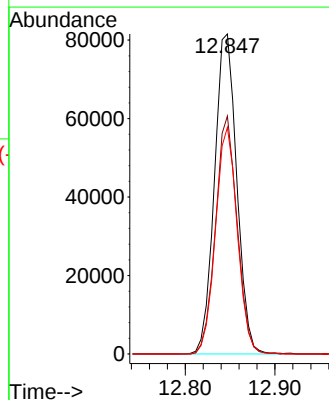
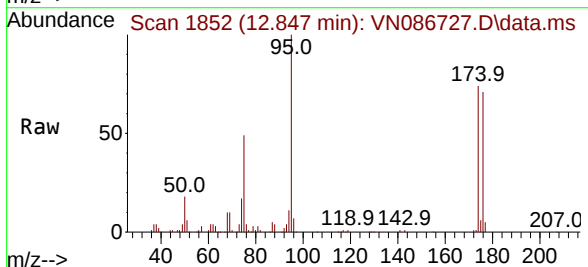
Instrument :
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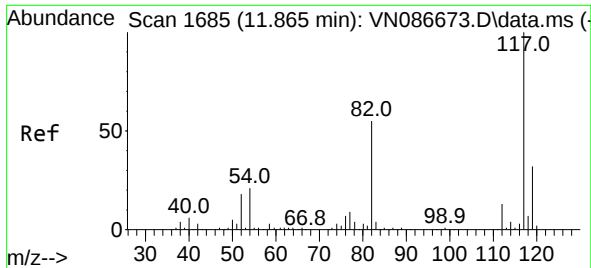
Tgt Ion: 98 Resp: 398952
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 52.479 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086727.D
Acq: 21 May 2025 13:29

Tgt Ion: 95 Resp: 140785
Ion Ratio Lower Upper
95 100
174 72.0 0.0 145.4
176 68.9 0.0 137.8

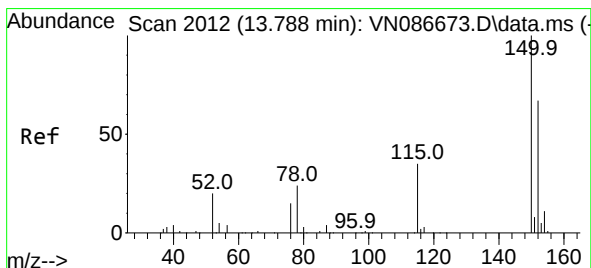
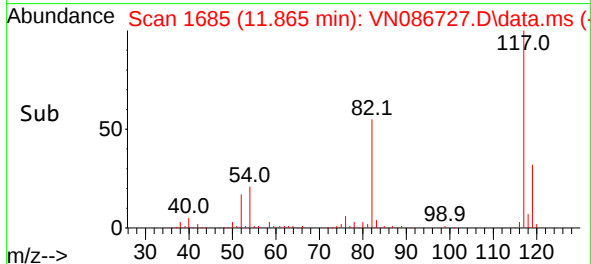
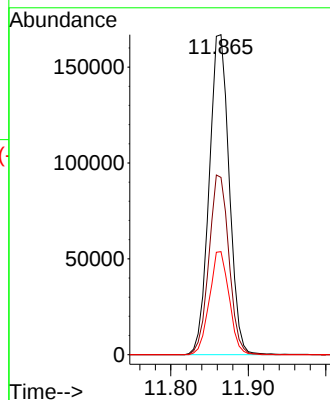
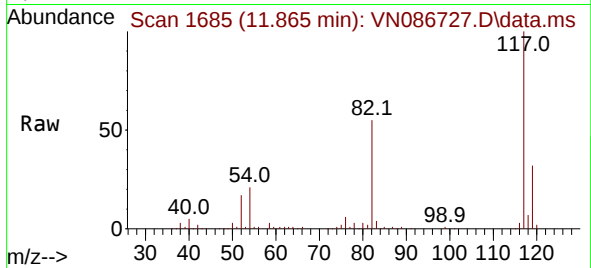




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086727.D
Acq: 21 May 2025 13:29

Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0075

Tgt Ion:117 Resp: 299546
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.2
119 32.2 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: VN086727.D
Acq: 21 May 2025 13:29

Tgt Ion:152 Resp: 128011
Ion Ratio Lower Upper
152 100
115 61.1 30.0 90.1
150 158.1 0.0 347.8

