

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052725\
 Data File : VN086777.D
 Acq On : 27 May 2025 11:55
 Operator : JC\MD
 Sample : VN0527MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0527MBL01

Quant Time: May 29 01:45:07 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	8.218	168	193269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	359485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	342093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	154068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119554	44.766	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.540%
35) Dibromofluoromethane	8.165	113	109232	51.022	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.040%
50) Toluene-d8	10.565	98	454547	51.234	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.460%
62) 4-Bromofluorobenzene	12.847	95	165518	52.837	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.680%

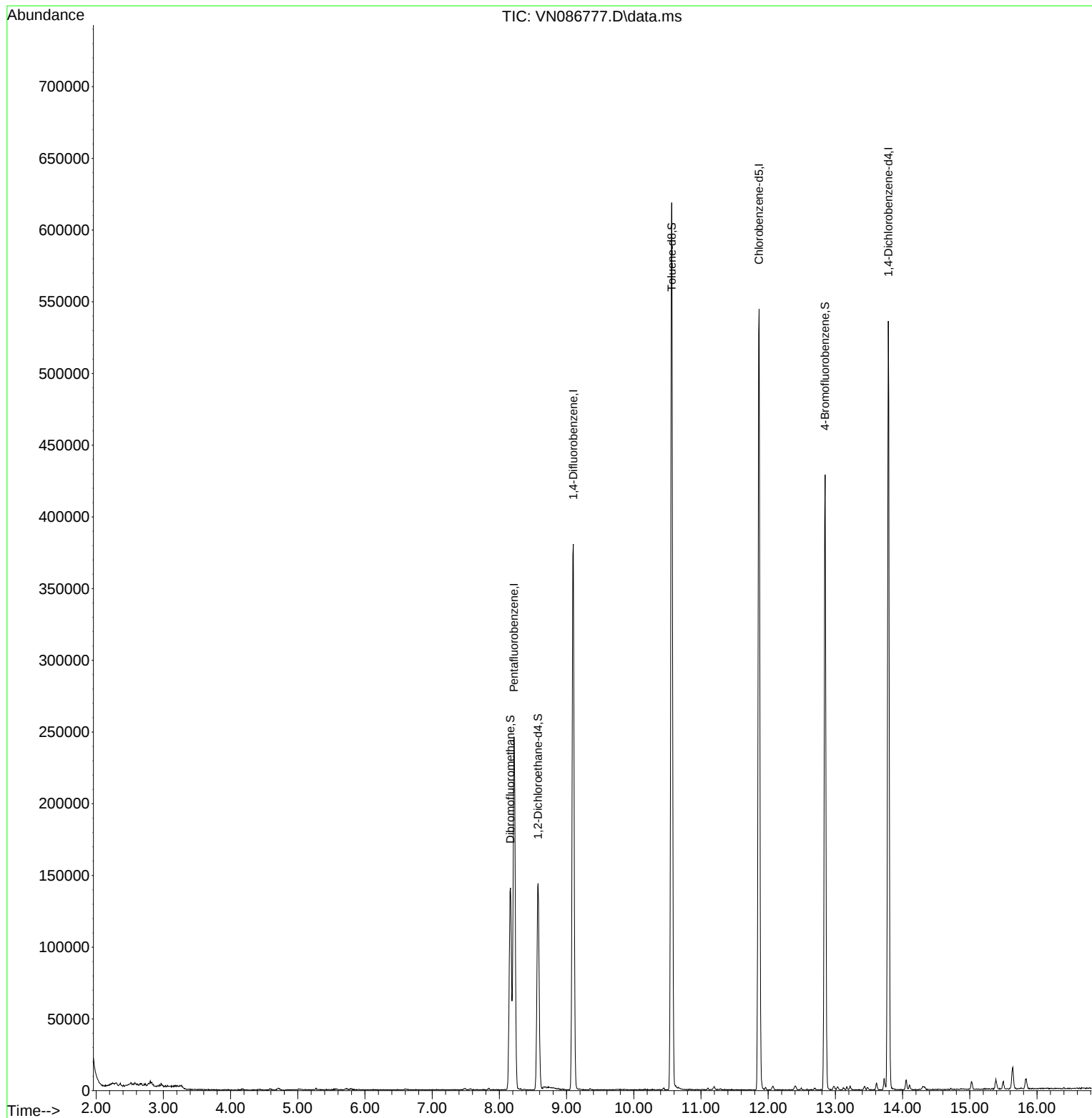
Target Compounds	Qvalue

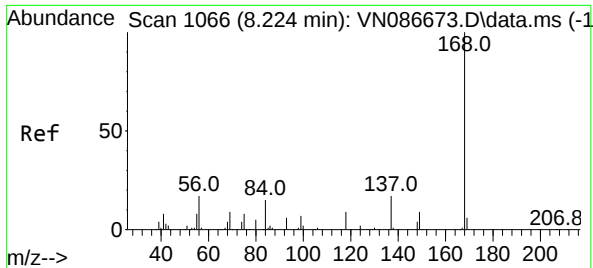
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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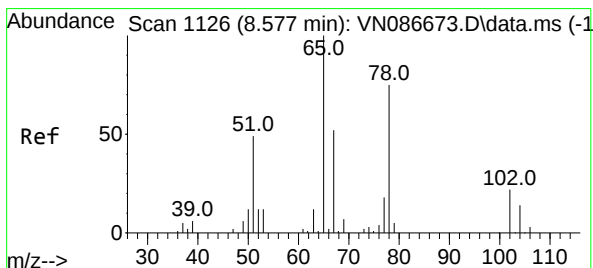
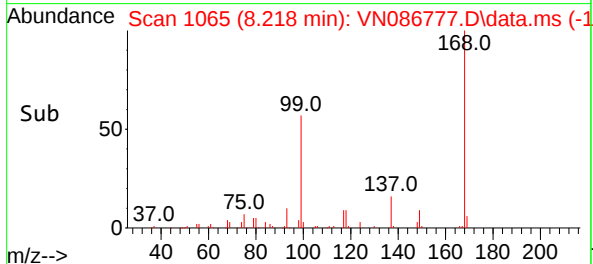
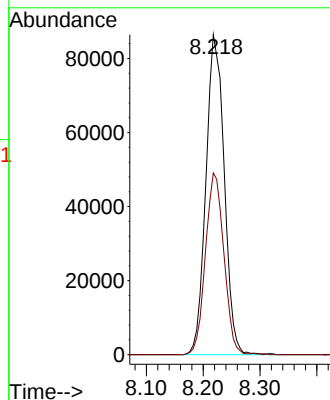
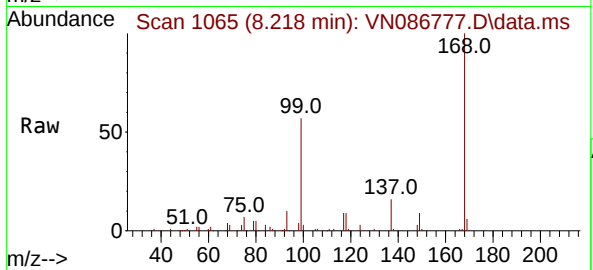




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086777.D
Acq: 27 May 2025 11:55

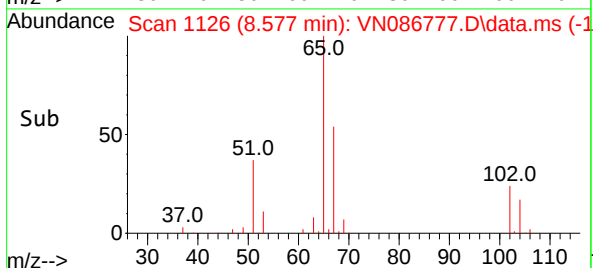
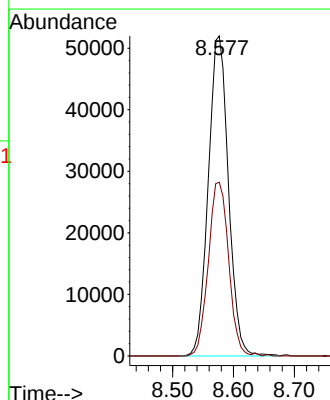
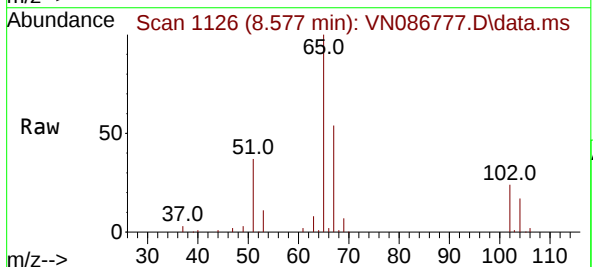
Instrument :
MSVOA_N
ClientSampleId :
VN0527MBL01

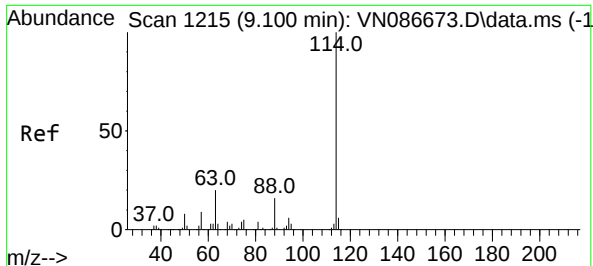
Tgt Ion:168 Resp: 193269
Ion Ratio Lower Upper
168 100
99 56.8 47.0 70.4



#33
1,2-Dichloroethane-d4
Concen: 44.766 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086777.D
Acq: 27 May 2025 11:55

Tgt Ion: 65 Resp: 119554
Ion Ratio Lower Upper
65 100
67 54.7 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: VN086777.D

Acq: 27 May 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0527MBL01

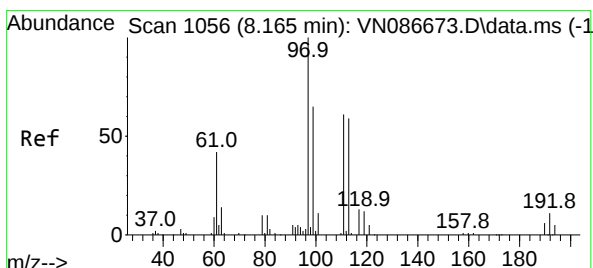
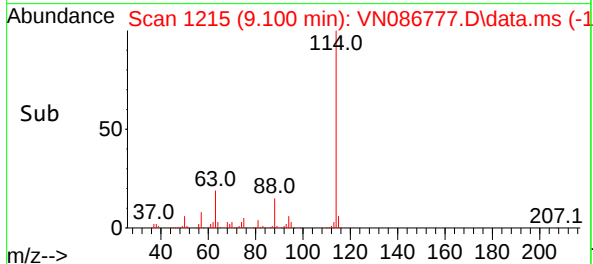
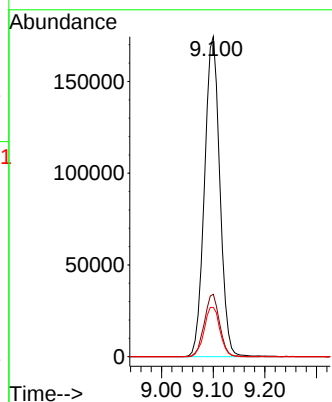
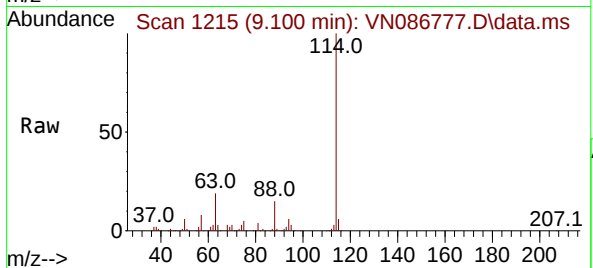
Tgt Ion:114 Resp: 359485

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.2

88 15.4 0.0 31.2



#35

Dibromofluoromethane

Concen: 51.022 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086777.D

Acq: 27 May 2025 11:55

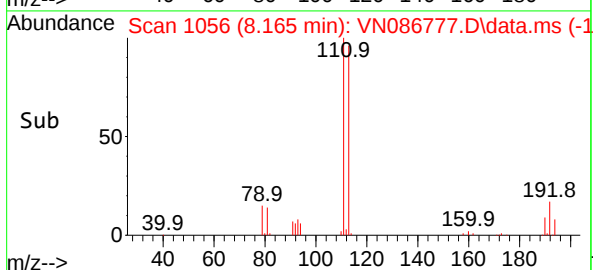
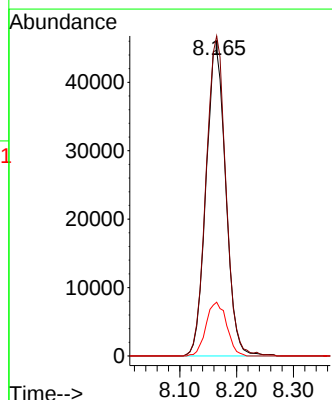
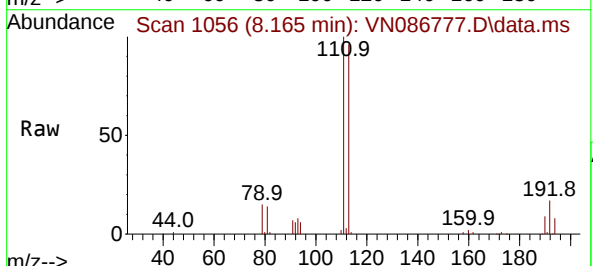
Tgt Ion:113 Resp: 109232

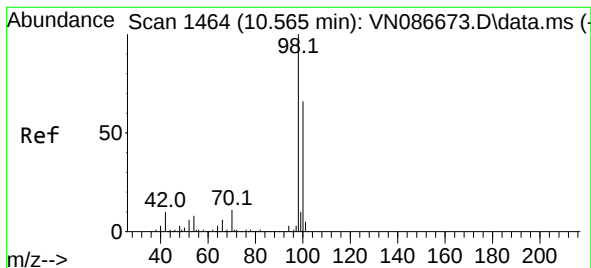
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.2

192 18.1 13.8 20.8

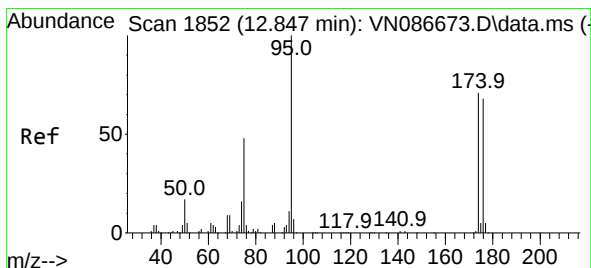
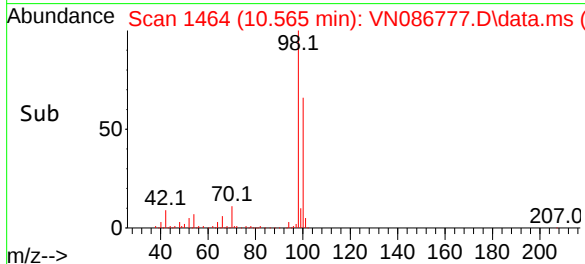
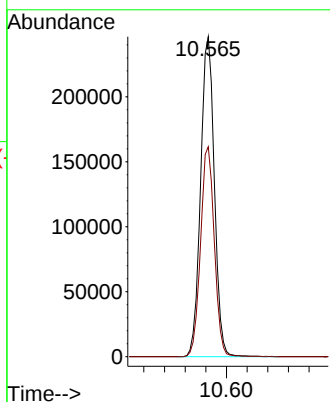
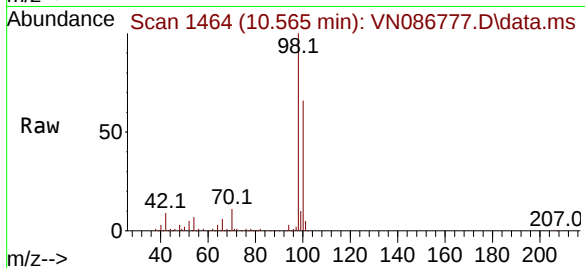




#50
Toluene-d8
Concen: 51.234 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086777.D
Acq: 27 May 2025 11:55

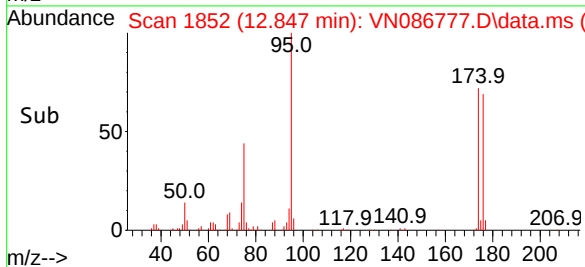
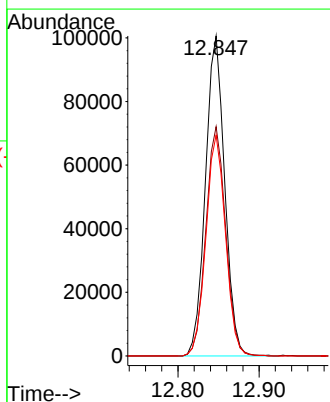
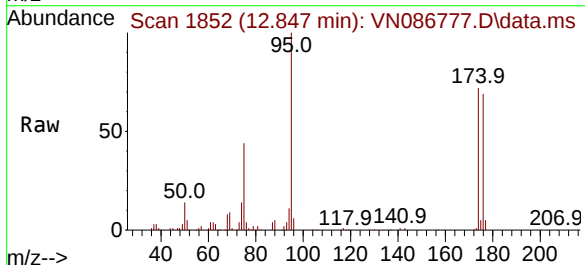
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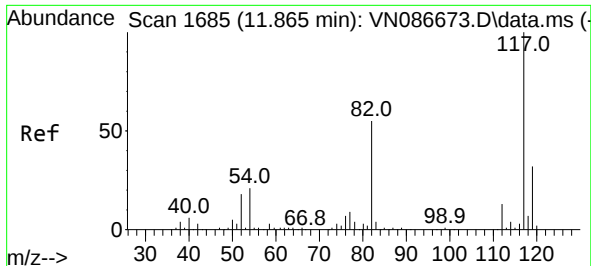
Tgt Ion: 98 Resp: 454547
Ion Ratio Lower Upper
98 100
100 65.7 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 52.837 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086777.D
Acq: 27 May 2025 11:55

Tgt Ion: 95 Resp: 165518
Ion Ratio Lower Upper
95 100
174 73.9 0.0 145.4
176 70.2 0.0 137.8

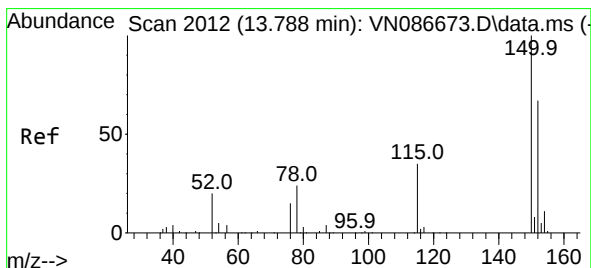
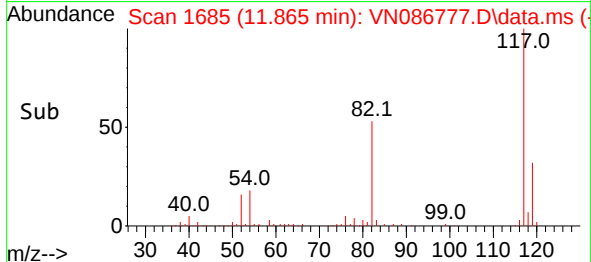
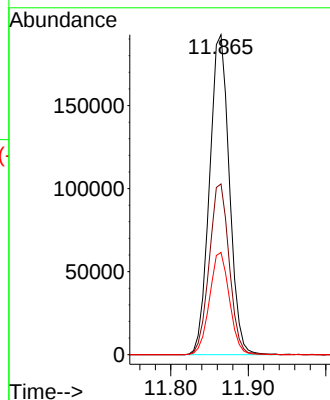
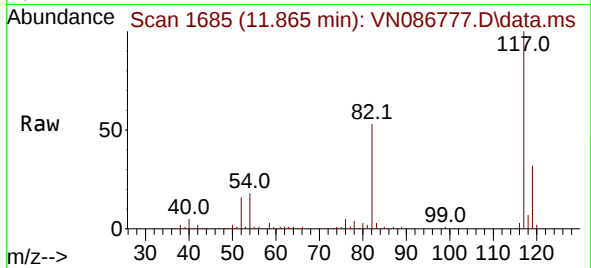




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086777.D
Acq: 27 May 2025 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0527MBL01

Tgt Ion:117 Resp: 342093
Ion Ratio Lower Upper
117 100
82 53.4 44.2 66.2
119 32.0 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: VN086777.D
Acq: 27 May 2025 11:55

Tgt Ion:152 Resp: 154068
Ion Ratio Lower Upper
152 100
115 59.7 30.0 90.1
150 158.3 0.0 347.8

