

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052825\
 Data File : VN086797.D
 Acq On : 28 May 2025 14:12
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 29 03:59:31 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	188667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	368792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	360812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	156985	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	127387	48.863	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.720%
35) Dibromofluoromethane	8.165	113	104704	47.673	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.340%
50) Toluene-d8	10.565	98	472884	51.956	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.920%
62) 4-Bromofluorobenzene	12.847	95	171032	53.219	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.440%

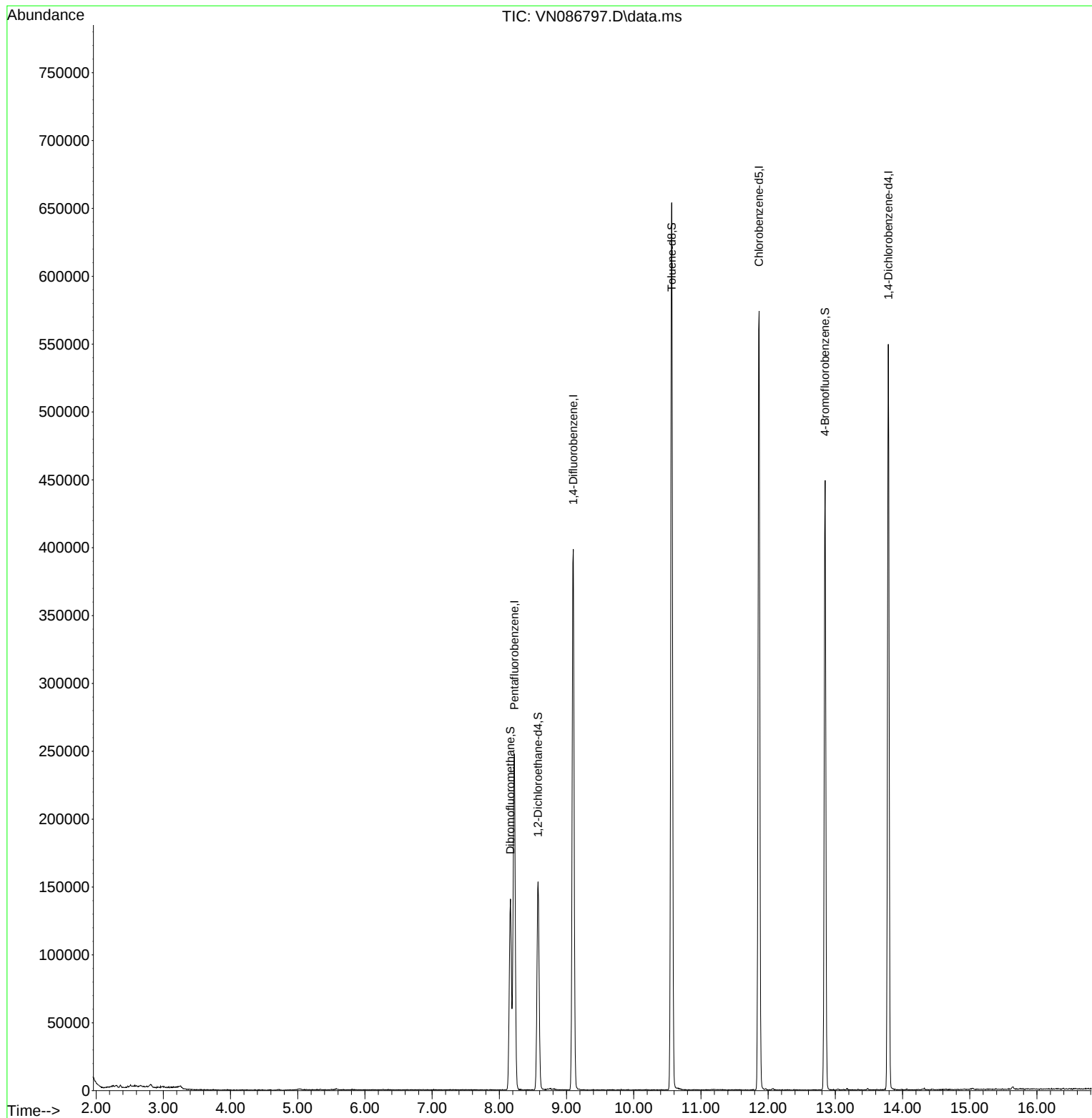
Target Compounds	Qvalue

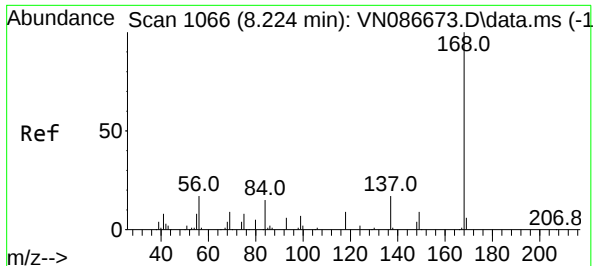
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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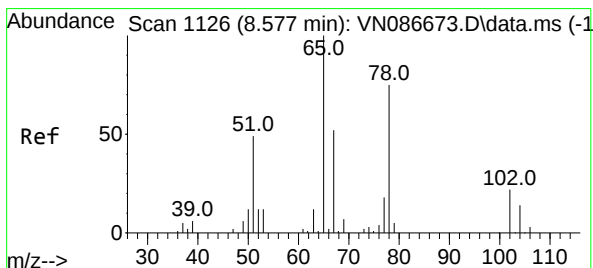
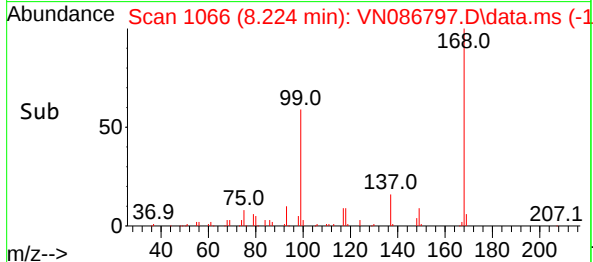
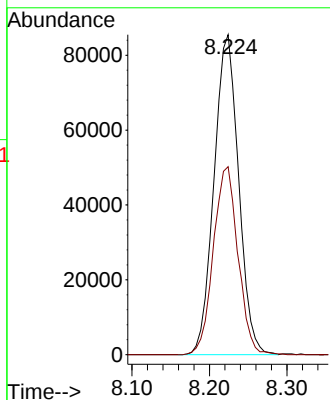
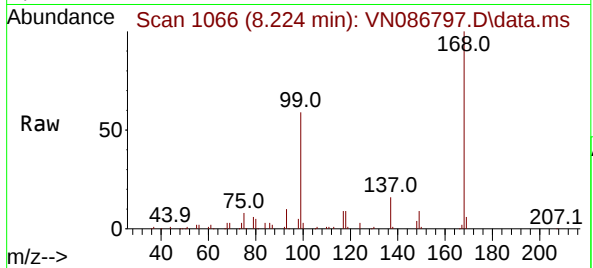




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086797.D
Acq: 28 May 2025 14:12

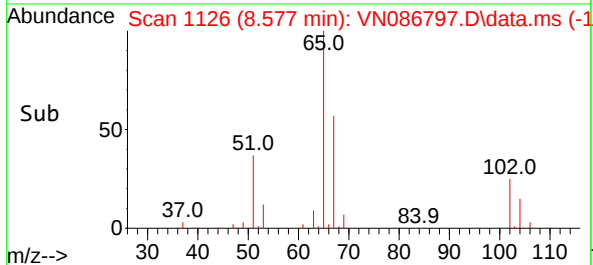
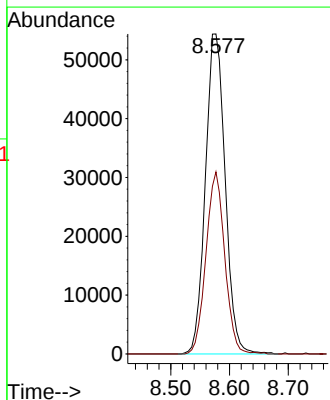
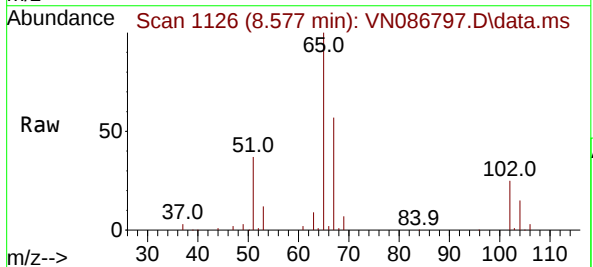
Instrument :
MSVOA_N
ClientSampleId :
IBLK

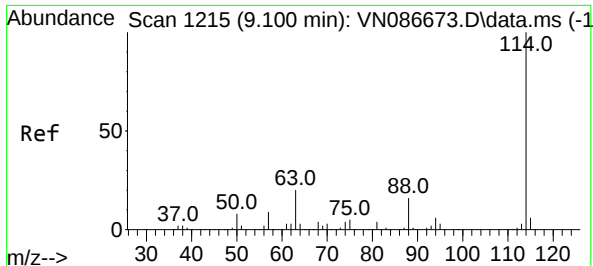
Tgt Ion:168 Resp: 188667
Ion Ratio Lower Upper
168 100
99 58.7 47.0 70.4



#33
1,2-Dichloroethane-d4
Concen: 48.863 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086797.D
Acq: 28 May 2025 14:12

Tgt Ion: 65 Resp: 127387
Ion Ratio Lower Upper
65 100
67 54.0 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: VN086797.D

Acq: 28 May 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

IBLK

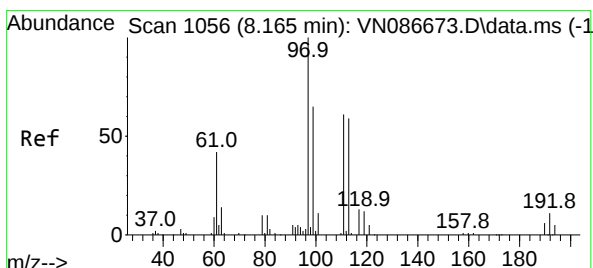
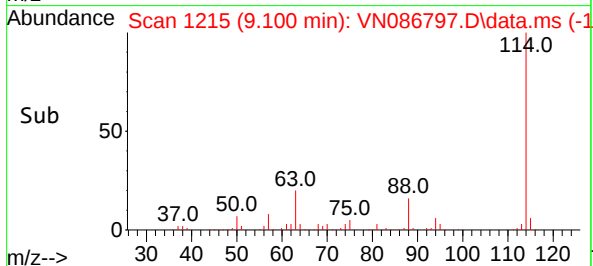
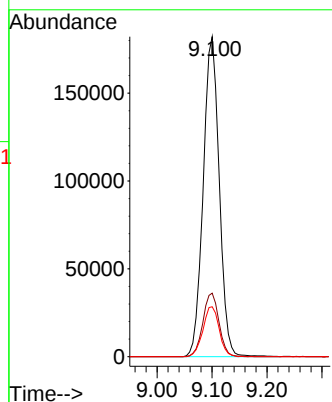
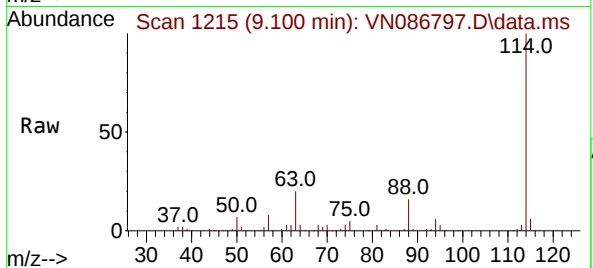
Tgt Ion:114 Resp: 368792

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.2

88 15.6 0.0 31.2



#35

Dibromofluoromethane

Concen: 47.673 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN086797.D

Acq: 28 May 2025 14:12

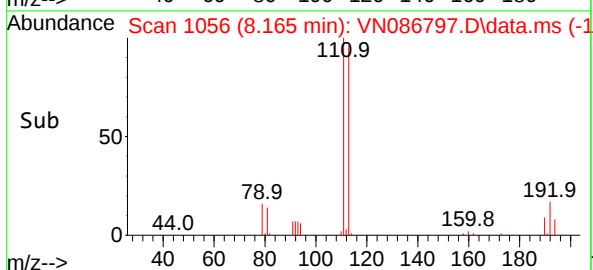
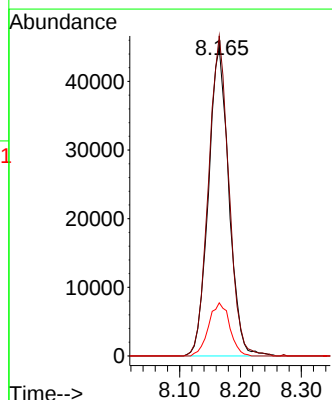
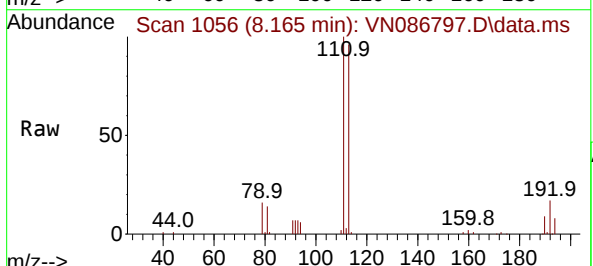
Tgt Ion:113 Resp: 104704

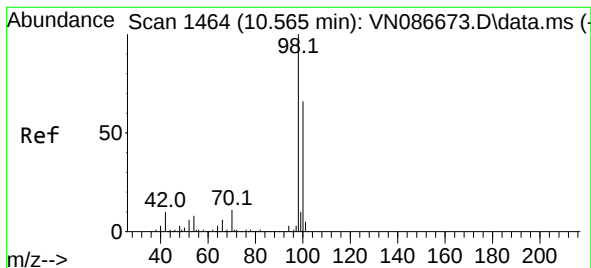
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

192 17.8 13.8 20.8

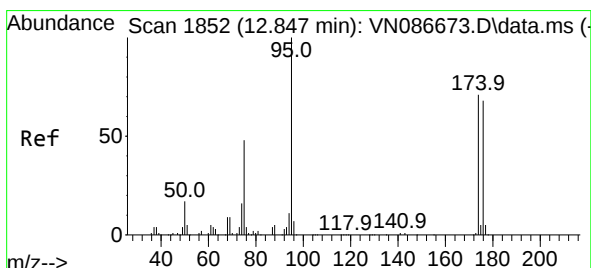
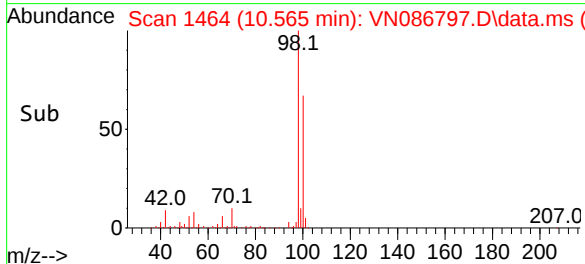
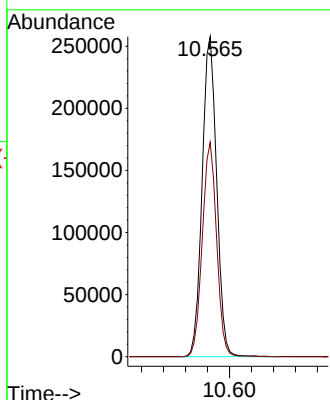
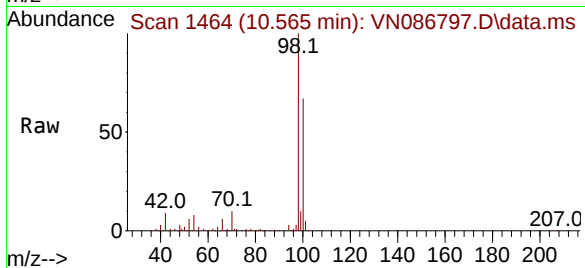




#50
Toluene-d8
Concen: 51.956 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086797.D
Acq: 28 May 2025 14:12

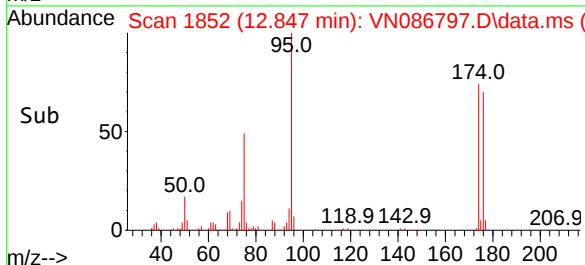
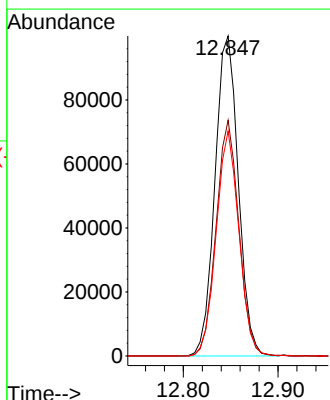
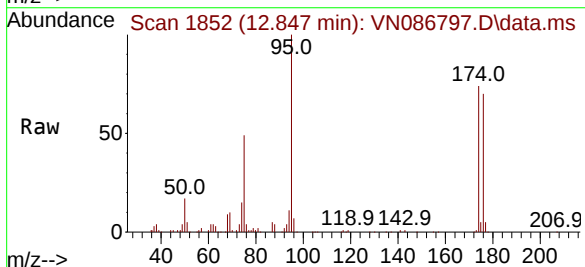
Instrument :
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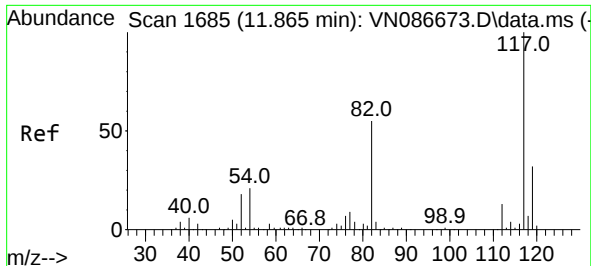
Tgt Ion: 98 Resp: 472884
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 53.219 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086797.D
Acq: 28 May 2025 14:12

Tgt Ion: 95 Resp: 171032
Ion Ratio Lower Upper
95 100
174 71.8 0.0 145.4
176 68.5 0.0 137.8

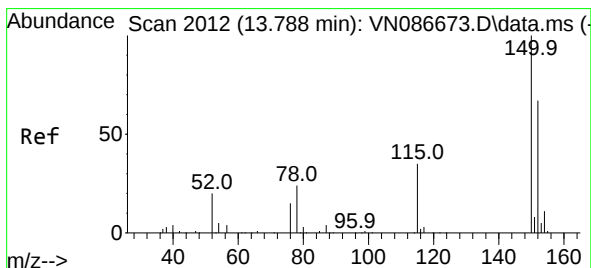
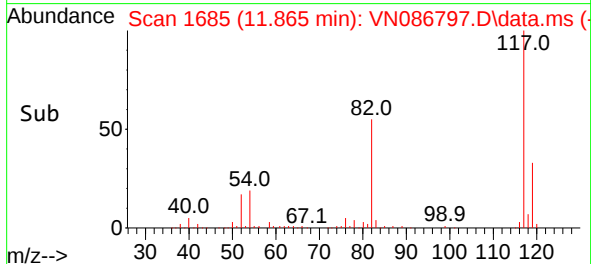
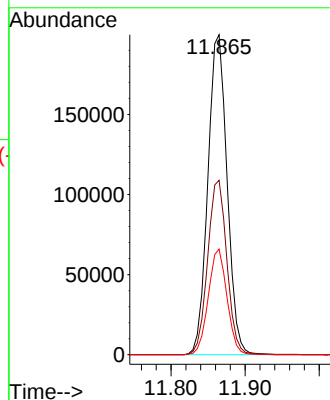
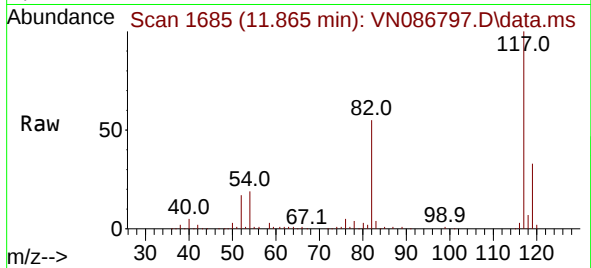




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086797.D
Acq: 28 May 2025 14:12

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 360812
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 33.0 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: VN086797.D
Acq: 28 May 2025 14:12

Tgt Ion:152 Resp: 156985
Ion Ratio Lower Upper
152 100
115 60.0 30.0 90.1
150 158.6 0.0 347.8

