

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052325\
 Data File : VN086767.D
 Acq On : 23 May 2025 10:28
 Operator : JC\MD
 Sample : VN0523MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523MBL01

Quant Time: May 24 02:29:29 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	238191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	441301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	422910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	177999	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	144540	43.915	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.820%
35) Dibromofluoromethane	8.165	113	132802	50.531	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.060%
50) Toluene-d8	10.565	98	562468	51.645	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.280%
62) 4-Bromofluorobenzene	12.847	95	198524	51.624	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.240%

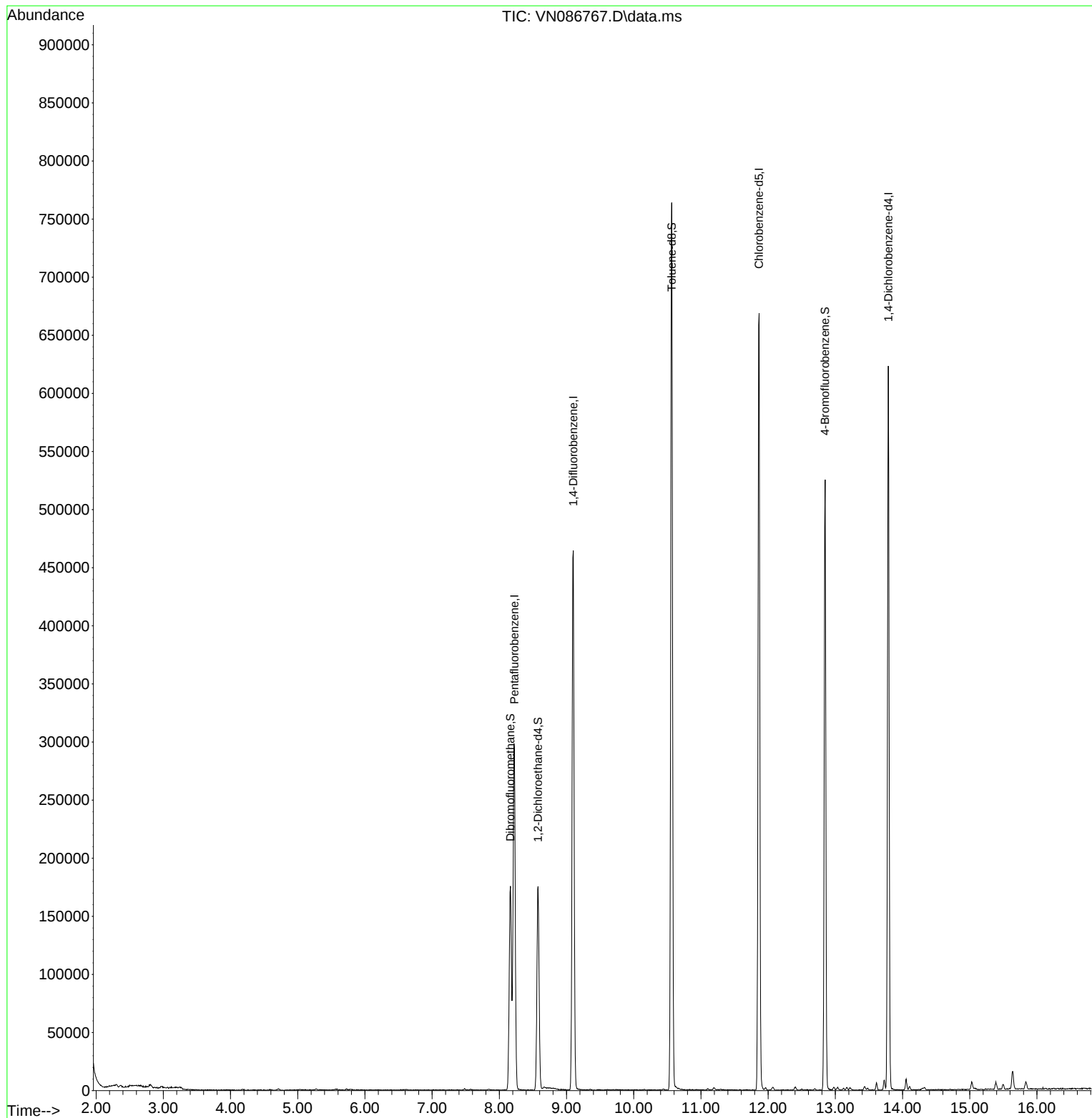
Target Compounds	Qvalue

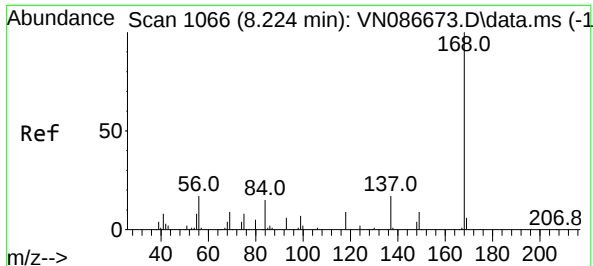
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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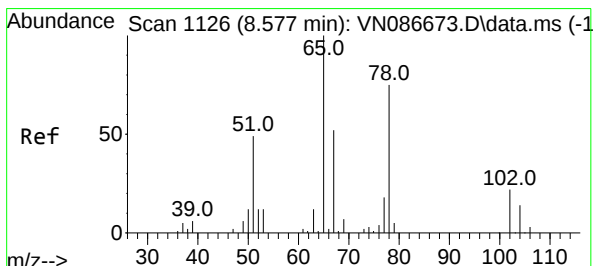
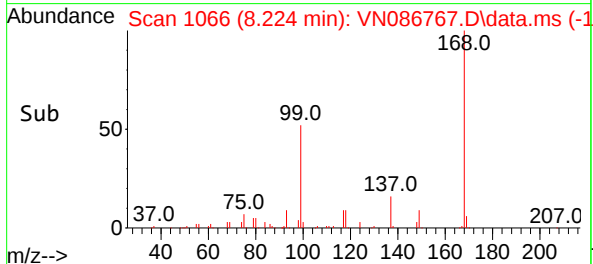
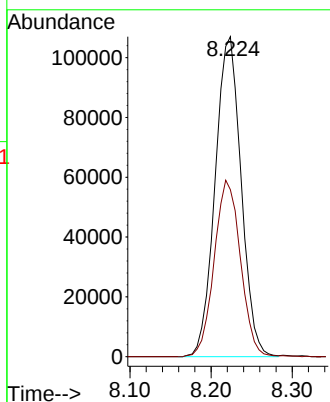
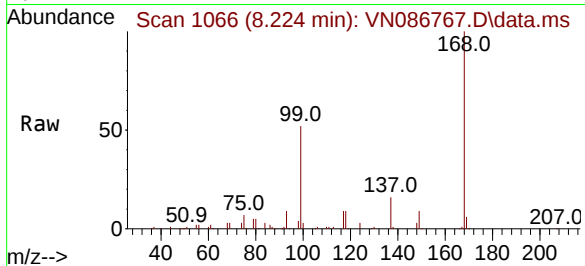




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086767.D
Acq: 23 May 2025 10:28

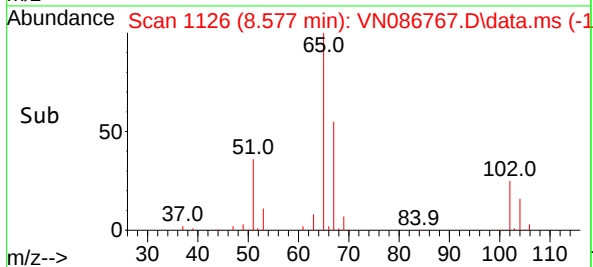
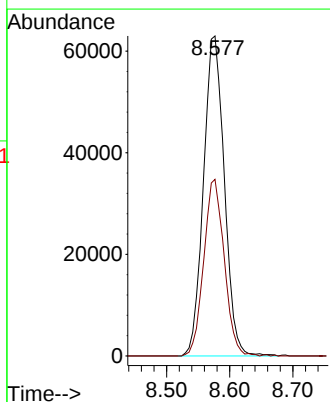
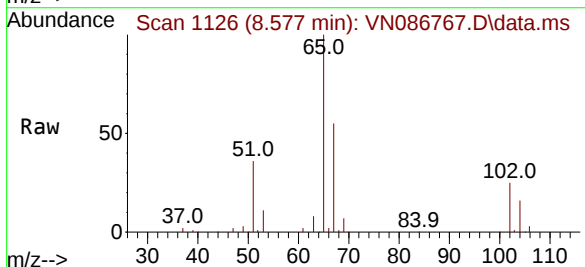
Instrument :
MSVOA_N
ClientSampleId :
VN0523MBL01

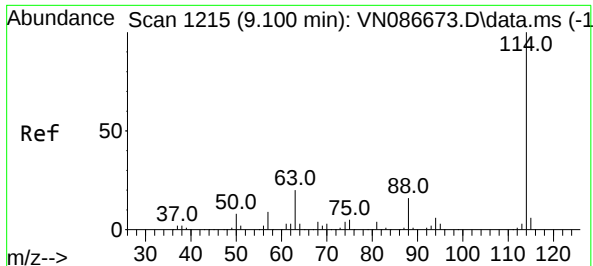
Tgt Ion:168 Resp: 238191
Ion Ratio Lower Upper
168 100
99 52.2 47.0 70.4



#33
1,2-Dichloroethane-d4
Concen: 43.915 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086767.D
Acq: 23 May 2025 10:28

Tgt Ion: 65 Resp: 144540
Ion Ratio Lower Upper
65 100
67 54.2 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086767.D

Acq: 23 May 2025 10:28

Instrument :

MSVOA_N

ClientSampleId :

VN0523MBL01

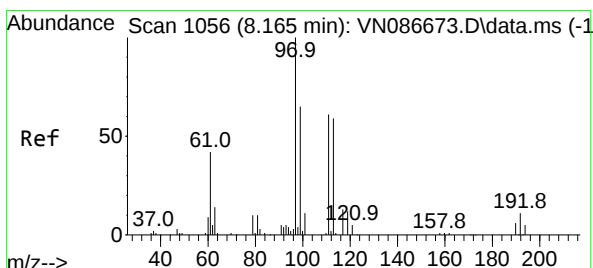
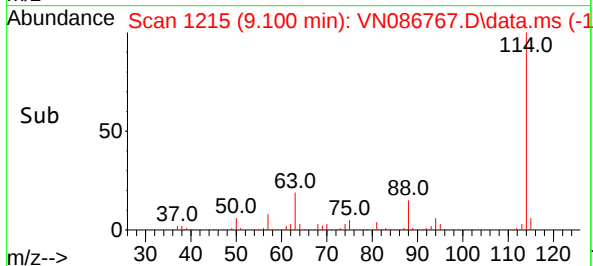
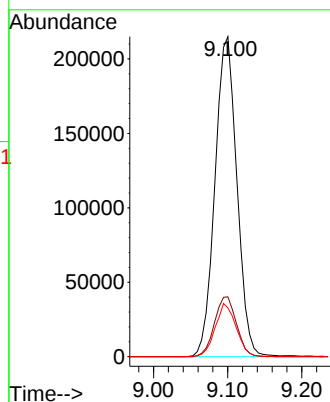
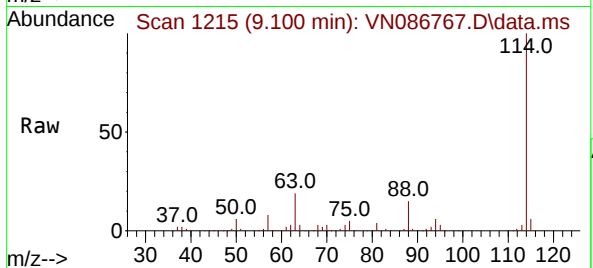
Tgt Ion:114 Resp: 441301

Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.2

88 15.3 0.0 31.2



#35

Dibromofluoromethane

Concen: 50.531 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN086767.D

Acq: 23 May 2025 10:28

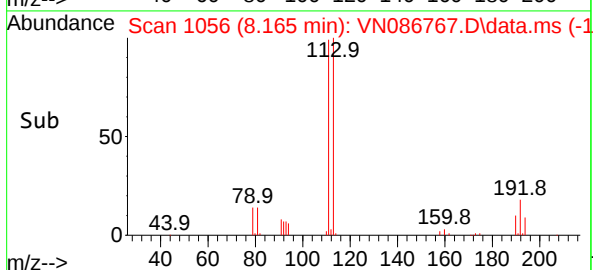
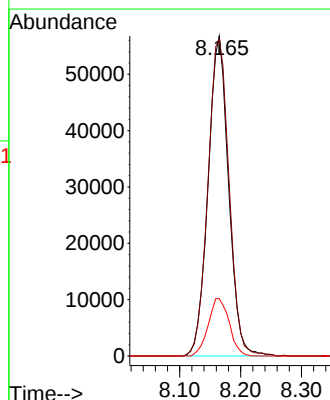
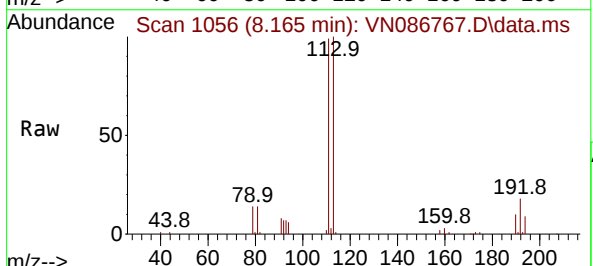
Tgt Ion:113 Resp: 132802

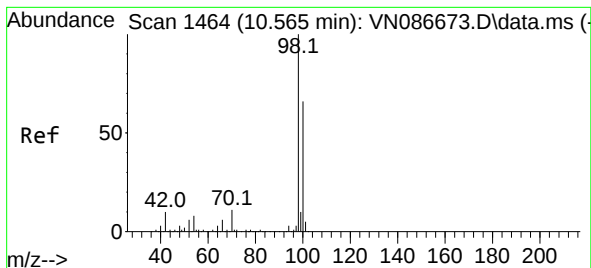
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.2

192 18.3 13.8 20.8





#50

Toluene-d8

Concen: 51.645 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086767.D

Acq: 23 May 2025 10:28

Instrument :

MSVOA_N

ClientSampleId :

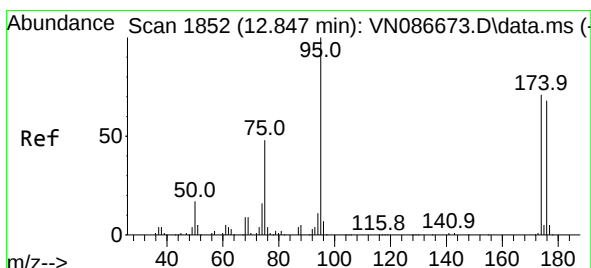
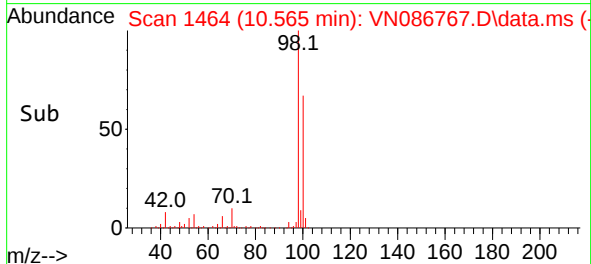
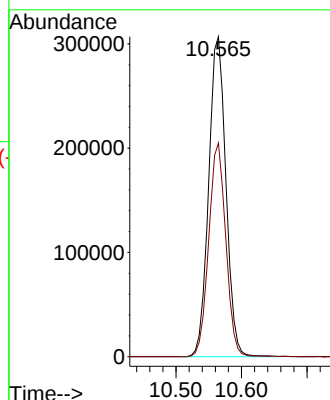
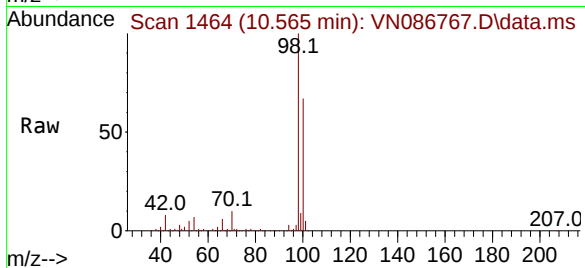
VN0523MBL01

Tgt Ion: 98 Resp: 562468

Ion Ratio Lower Upper

98 100

100 66.0 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 51.624 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN086767.D

Acq: 23 May 2025 10:28

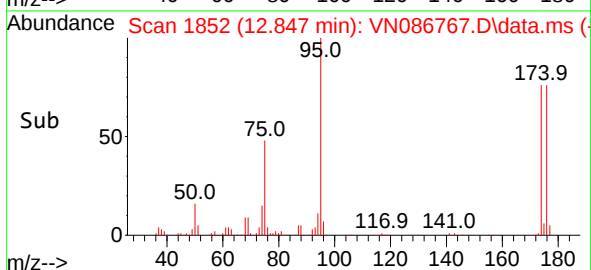
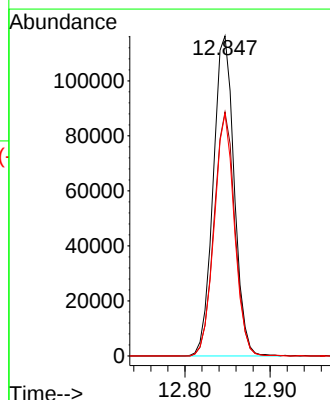
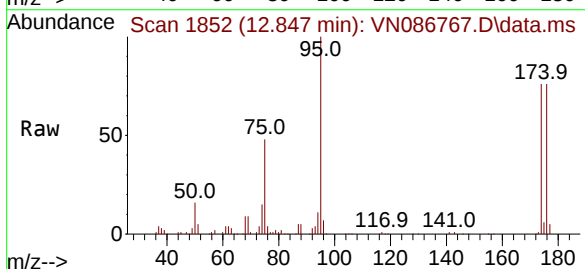
Tgt Ion: 95 Resp: 198524

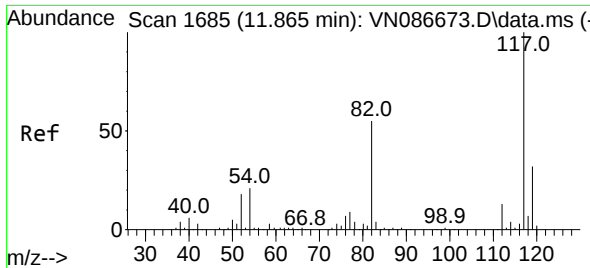
Ion Ratio Lower Upper

95 100

174 75.7 0.0 145.4

176 73.0 0.0 137.8

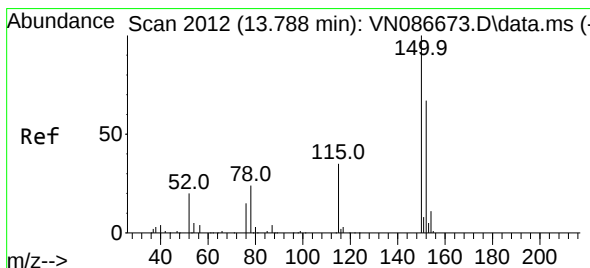
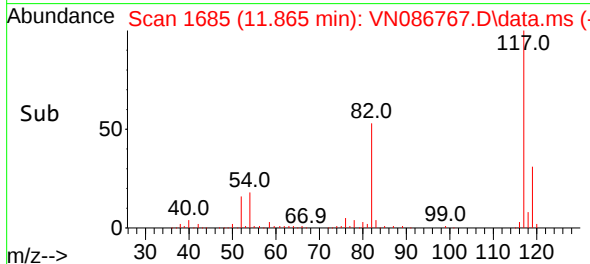
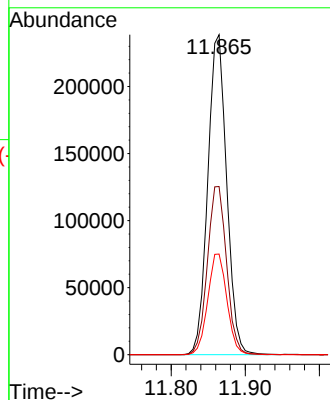
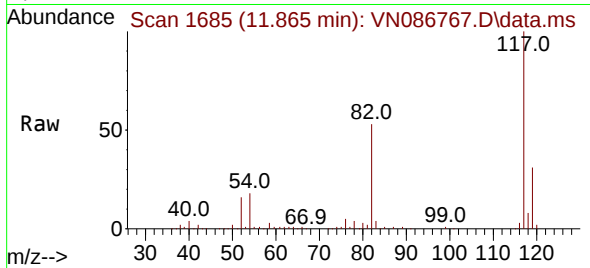




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN086767.D
Acq: 23 May 2025 10:28

Instrument :
MSVOA_N
ClientSampleId :
VN0523MBL01

Tgt Ion:117 Resp: 422910
Ion Ratio Lower Upper
117 100
82 52.5 44.2 66.2
119 31.5 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: VN086767.D
Acq: 23 May 2025 10:28

Tgt Ion:152 Resp: 177999
Ion Ratio Lower Upper
152 100
115 59.4 30.0 90.1
150 157.9 0.0 347.8

