

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052825\
 Data File : VN086792.D
 Acq On : 28 May 2025 11:59
 Operator : JC\MD
 Sample : VN0528WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBL01

Quant Time: May 29 03:55:51 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	190621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	373140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	366675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	154289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129060	48.997	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.000%
35) Dibromofluoromethane	8.165	113	105784	47.603	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.200%
50) Toluene-d8	10.565	98	482064	52.347	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.700%
62) 4-Bromofluorobenzene	12.847	95	173575	53.381	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.760%

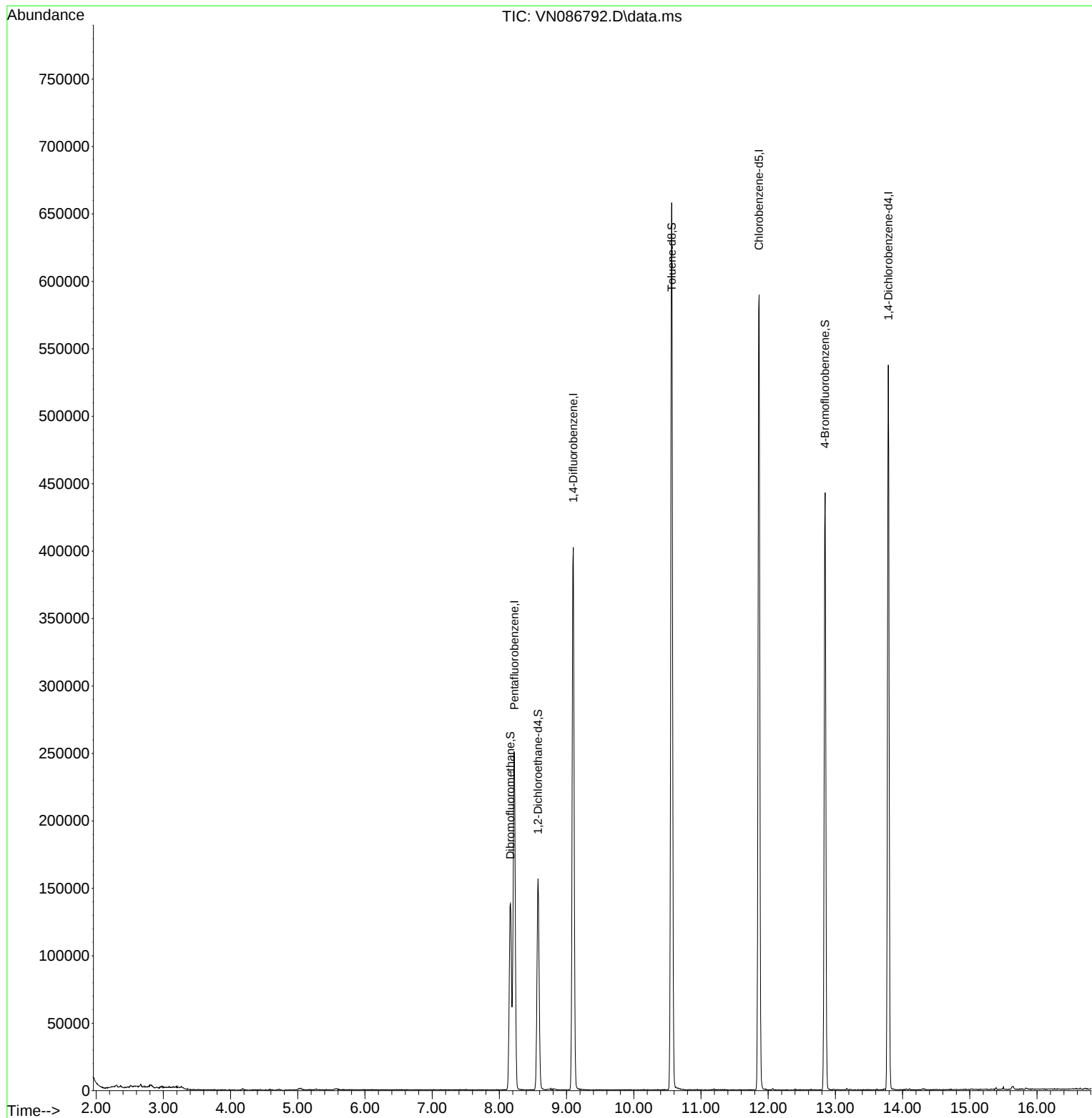
Target Compounds	Qvalue

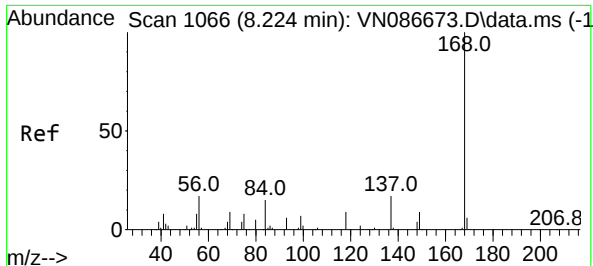
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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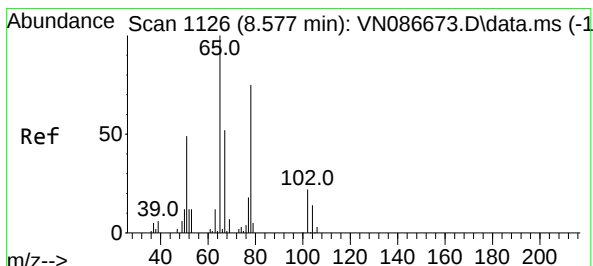
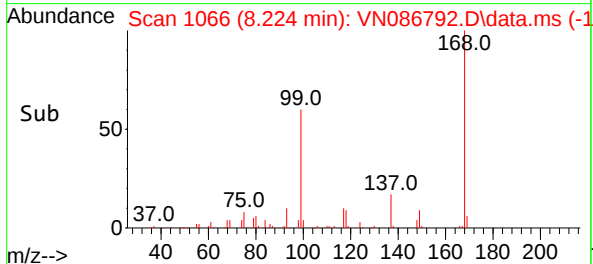
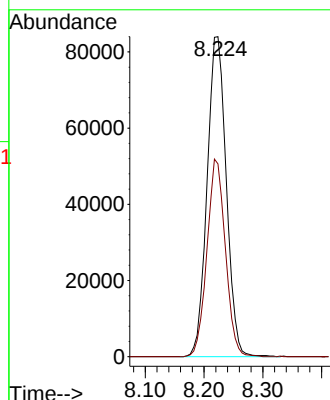
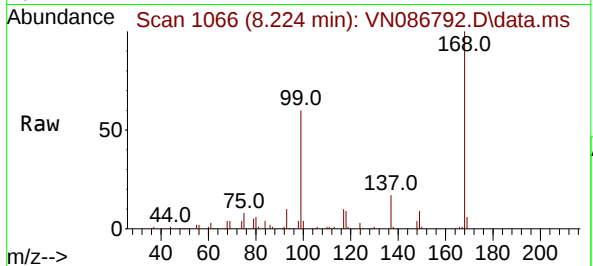




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086792.D
Acq: 28 May 2025 11:59

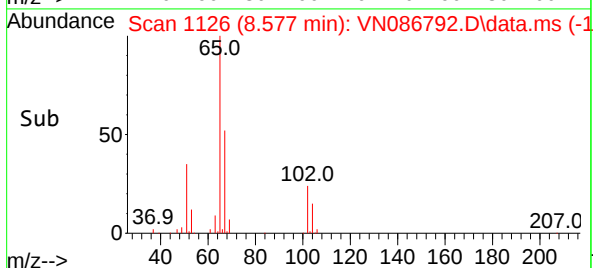
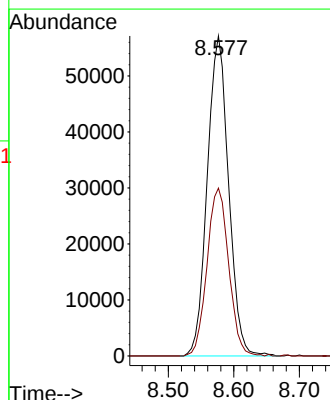
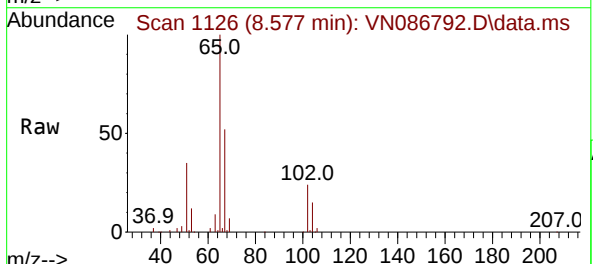
Instrument :
MSVOA_N
ClientSampleId :
VN0528WBL01

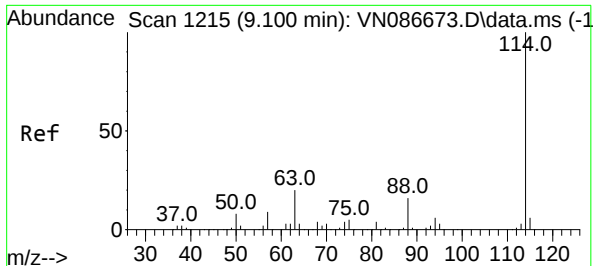
Tgt Ion:168 Resp: 190621
Ion Ratio Lower Upper
168 100
99 60.2 47.0 70.4



#33
1,2-Dichloroethane-d4
Concen: 48.997 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086792.D
Acq: 28 May 2025 11:59

Tgt Ion: 65 Resp: 129060
Ion Ratio Lower Upper
65 100
67 53.3 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: VN086792.D

Acq: 28 May 2025 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN0528WBL01

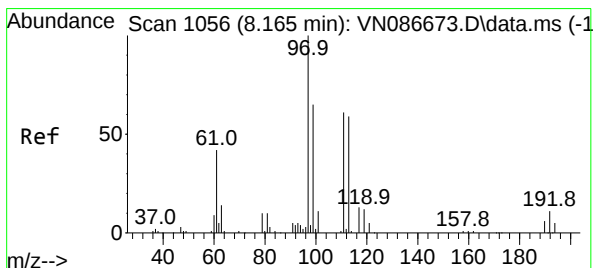
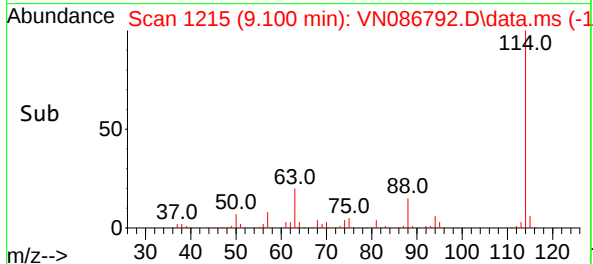
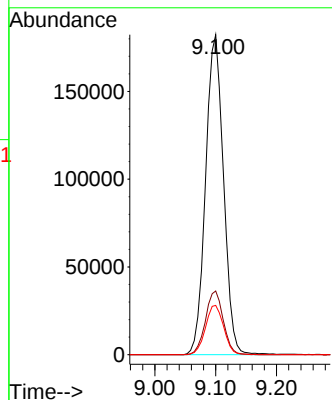
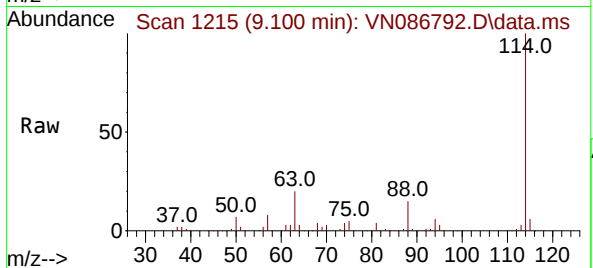
Tgt Ion:114 Resp: 373140

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.2

88 15.4 0.0 31.2



#35

Dibromofluoromethane

Concen: 47.603 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086792.D

Acq: 28 May 2025 11:59

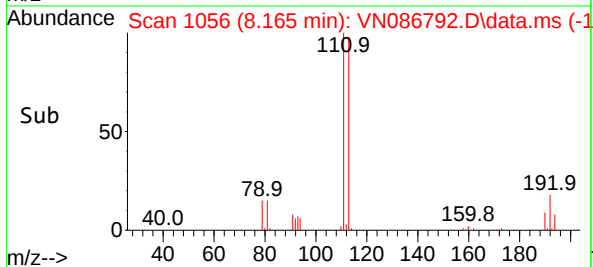
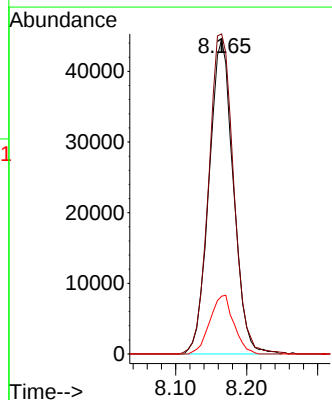
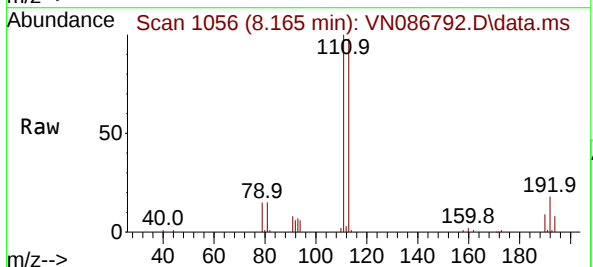
Tgt Ion:113 Resp: 105784

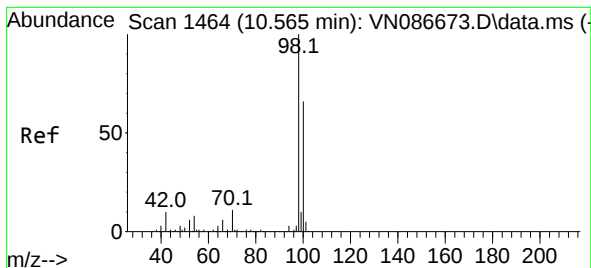
Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.2

192 18.3 13.8 20.8





#50

Toluene-d8

Concen: 52.347 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086792.D

Acq: 28 May 2025 11:59

Instrument :

MSVOA_N

ClientSampleId :

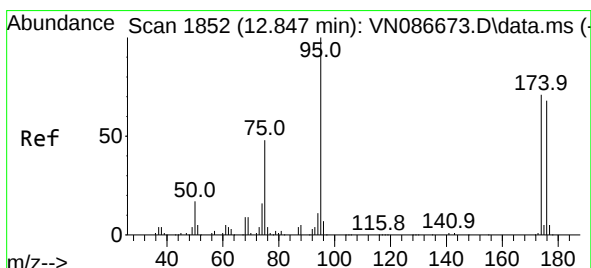
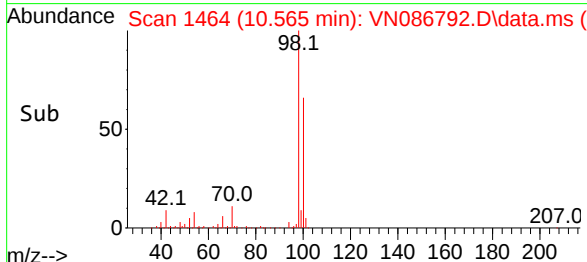
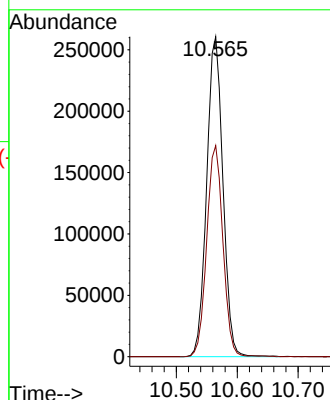
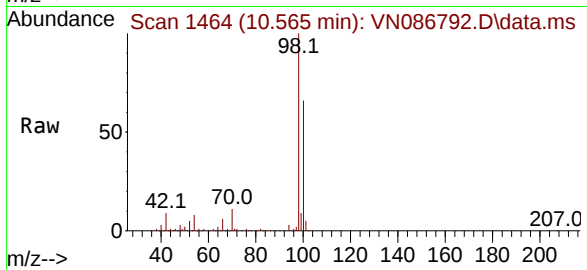
VN0528WBL01

Tgt Ion: 98 Resp: 482064

Ion Ratio Lower Upper

98 100

100 65.8 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 53.381 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN086792.D

Acq: 28 May 2025 11:59

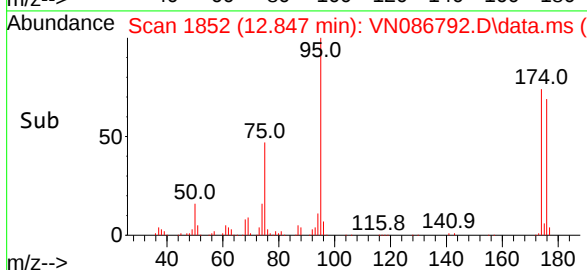
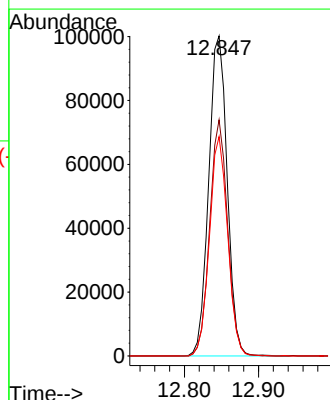
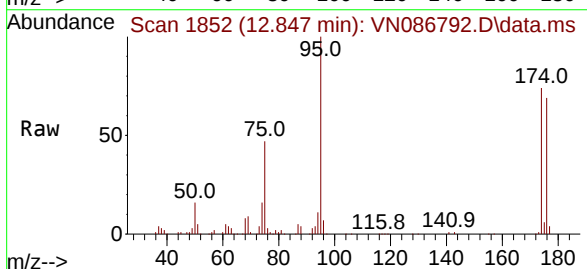
Tgt Ion: 95 Resp: 173575

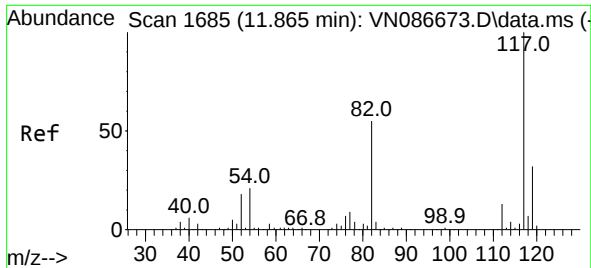
Ion Ratio Lower Upper

95 100

174 71.8 0.0 145.4

176 67.4 0.0 137.8

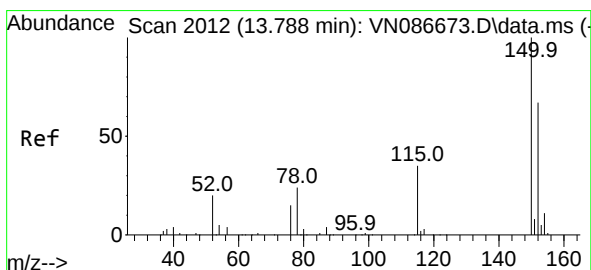
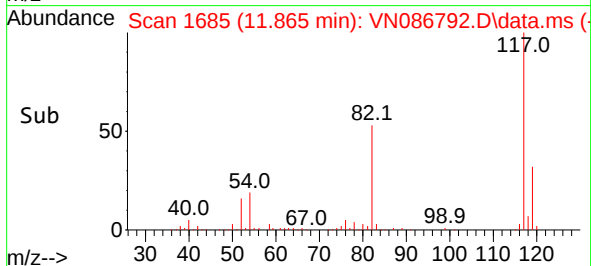
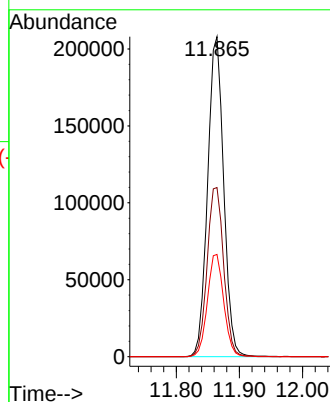
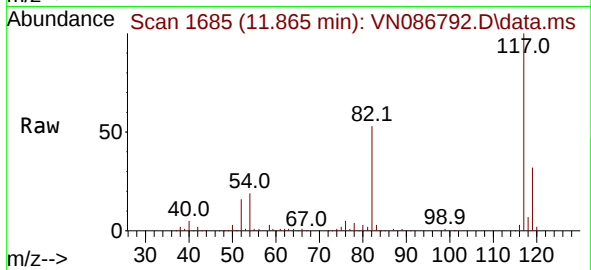




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086792.D
Acq: 28 May 2025 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBL01

Tgt Ion:117 Resp: 366675
Ion Ratio Lower Upper
117 100
82 52.9 44.2 66.2
119 31.9 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: VN086792.D
Acq: 28 May 2025 11:59

Tgt Ion:152 Resp: 154289
Ion Ratio Lower Upper
152 100
115 59.5 30.0 90.1
150 156.2 0.0 347.8

