

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052225\
 Data File : VN086752.D
 Acq On : 22 May 2025 09:19
 Operator : JC\MD
 Sample : VN0522WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522WBL01

Quant Time: May 23 01:30:47 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	246936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	454612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	435552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	191535	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	150789	44.191	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.380%
35) Dibromofluoromethane	8.165	113	136253	50.326	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.660%
50) Toluene-d8	10.565	98	573321	51.100	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.200%
62) 4-Bromofluorobenzene	12.847	95	207755	52.442	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.880%

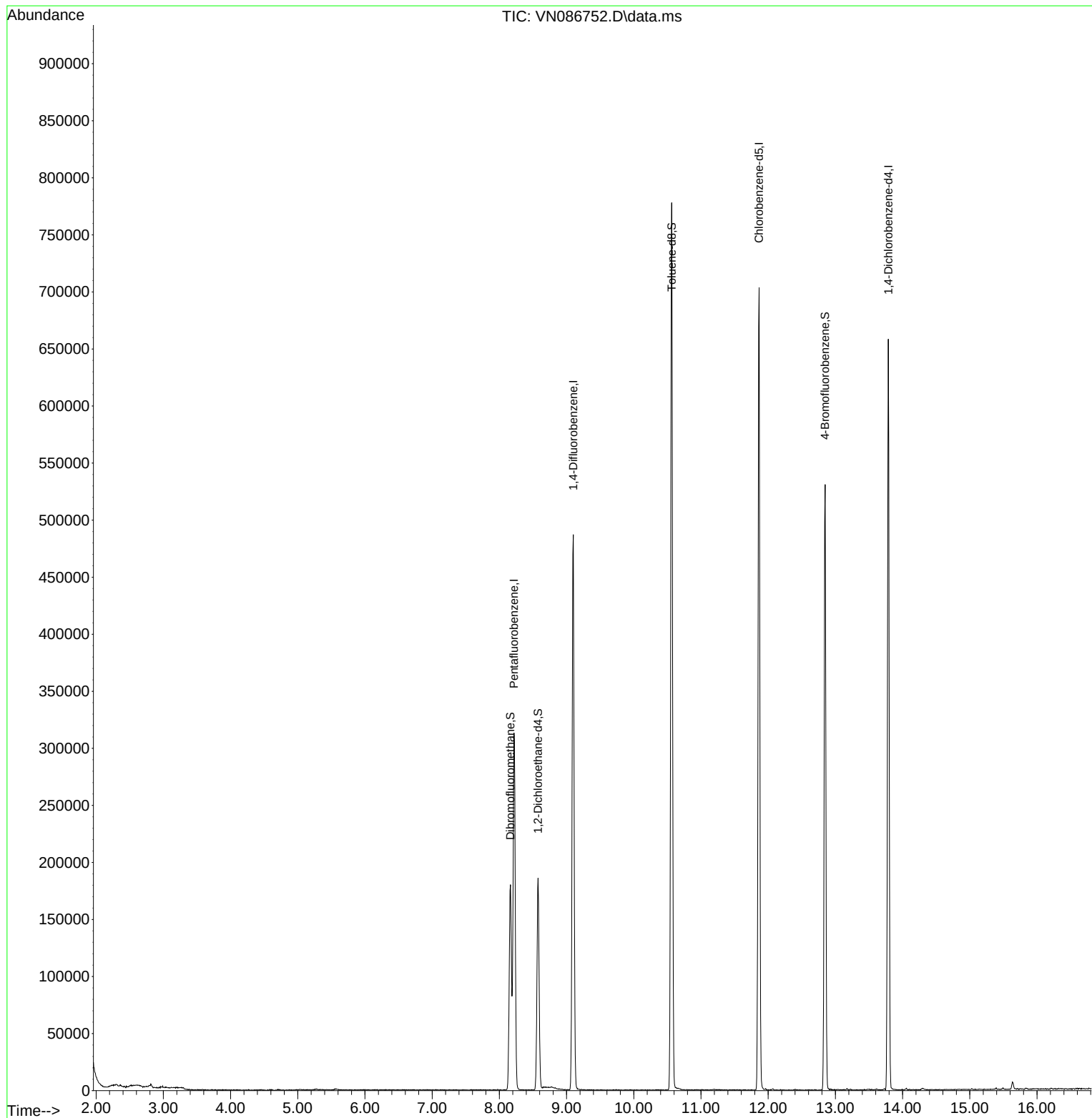
Target Compounds	Qvalue

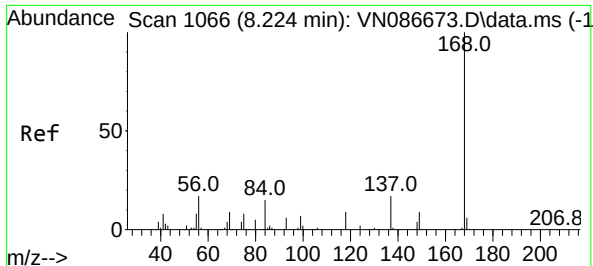
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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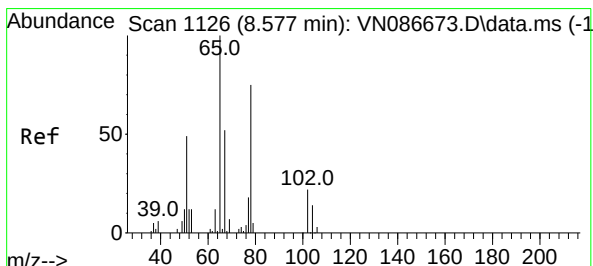
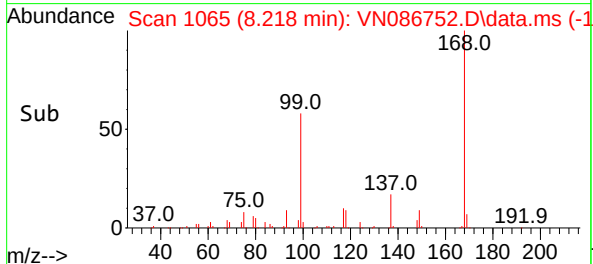
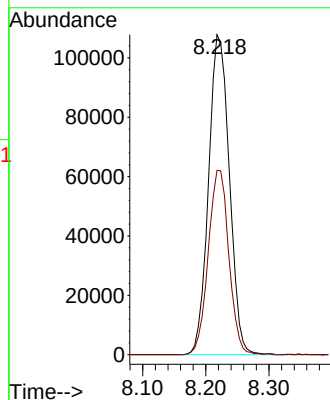
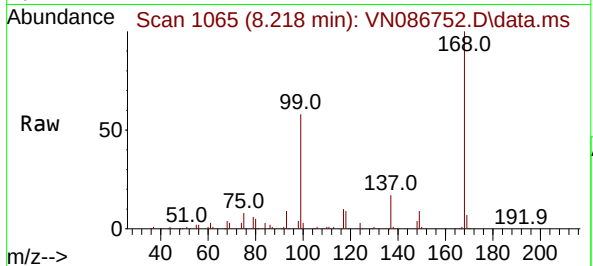




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086752.D
Acq: 22 May 2025 09:19

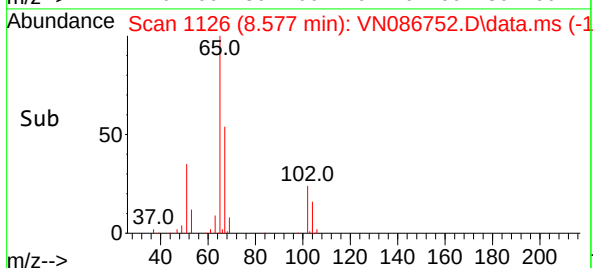
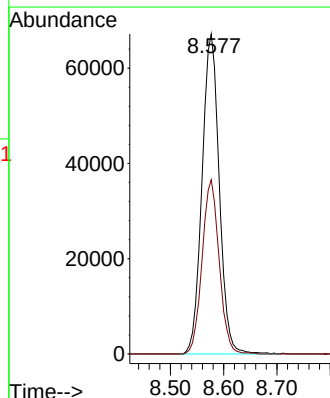
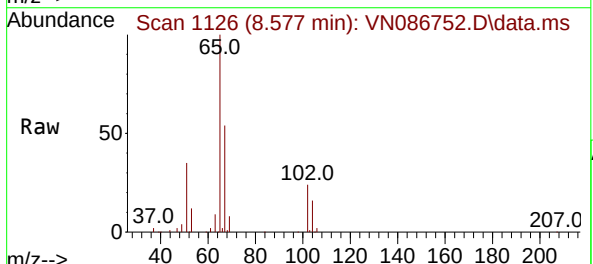
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBL01

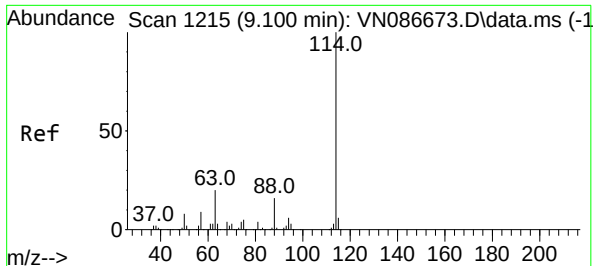
Tgt Ion:168 Resp: 246936
Ion Ratio Lower Upper
168 100
99 57.6 47.0 70.4



#33
1,2-Dichloroethane-d4
Concen: 44.191 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086752.D
Acq: 22 May 2025 09:19

Tgt Ion: 65 Resp: 150789
Ion Ratio Lower Upper
65 100
67 53.9 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: VN086752.D

Acq: 22 May 2025 09:19

Instrument :

MSVOA_N

ClientSampleId :

VN0522WBL01

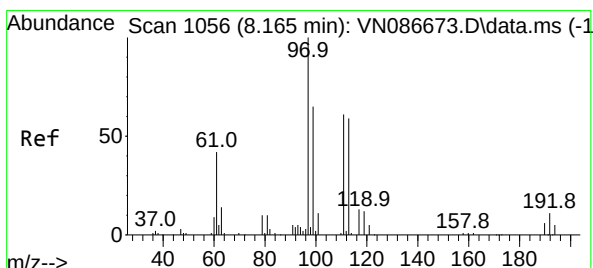
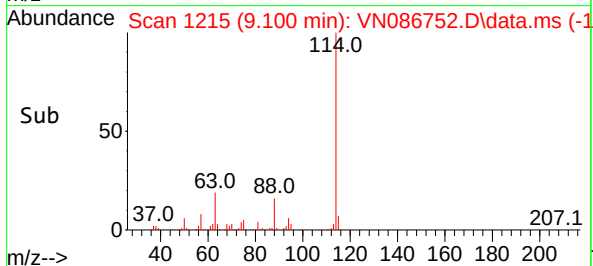
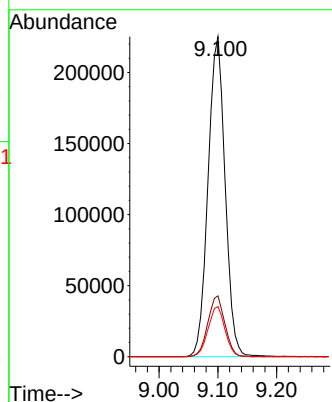
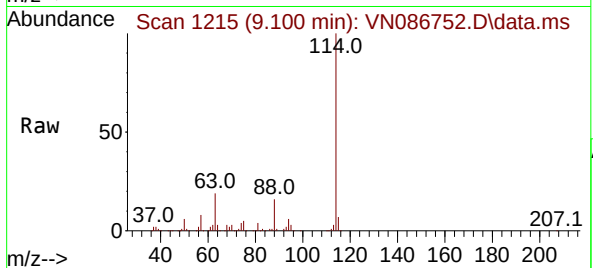
Tgt Ion:114 Resp: 454612

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.2

88 15.6 0.0 31.2



#35

Dibromofluoromethane

Concen: 50.326 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086752.D

Acq: 22 May 2025 09:19

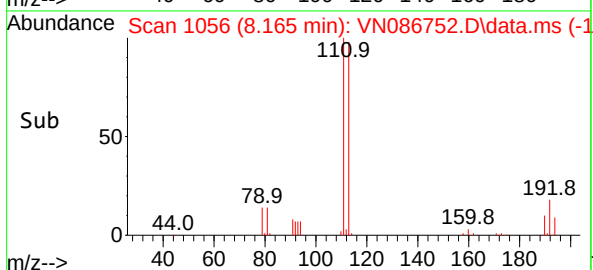
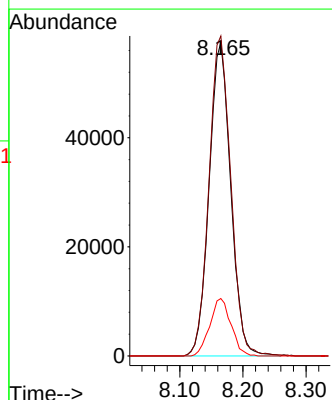
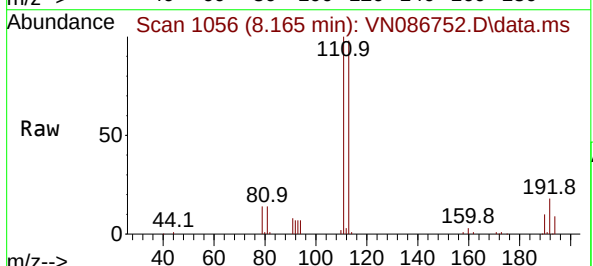
Tgt Ion:113 Resp: 136253

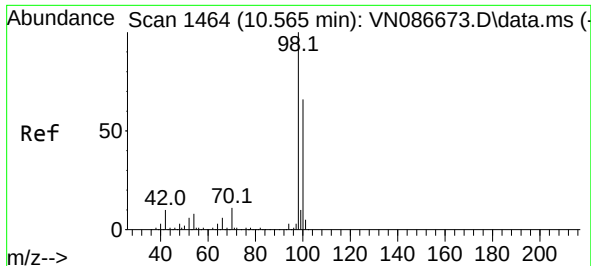
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.2

192 18.0 13.8 20.8

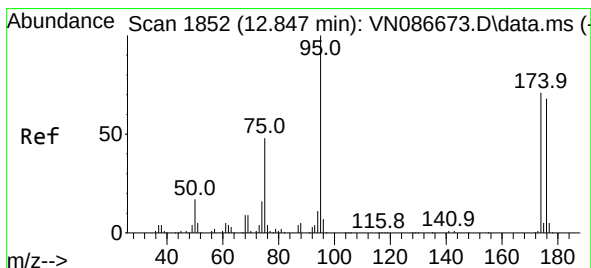
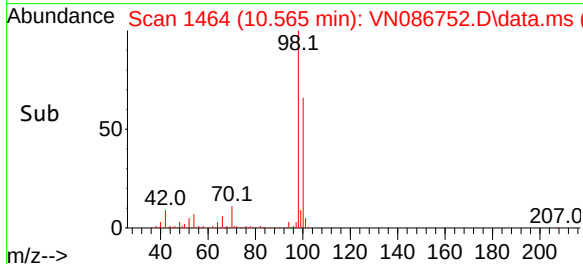
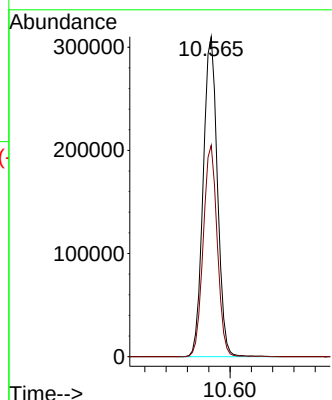
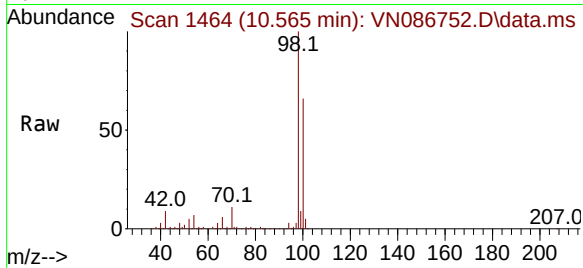




#50
Toluene-d8
Concen: 51.100 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086752.D
Acq: 22 May 2025 09:19

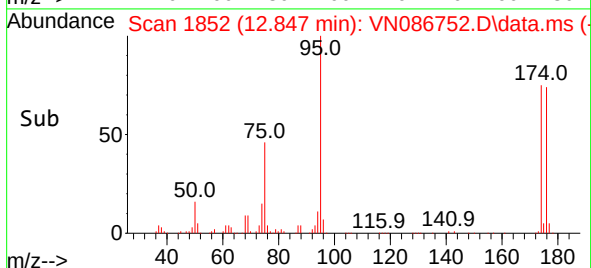
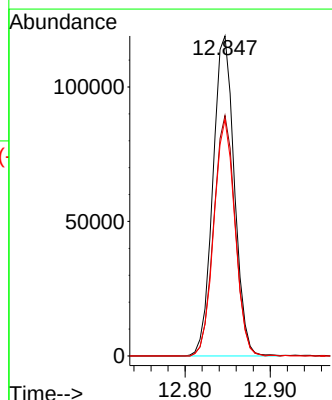
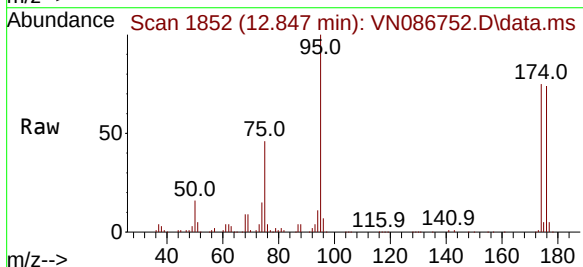
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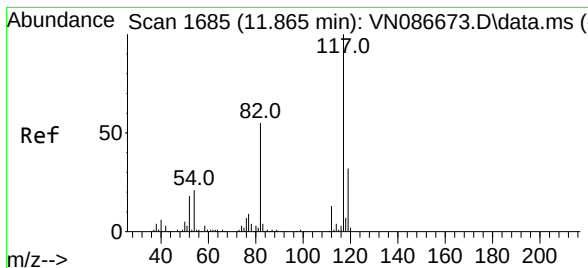
Tgt Ion: 98 Resp: 573321
Ion Ratio Lower Upper
98 100
100 65.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 52.442 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086752.D
Acq: 22 May 2025 09:19

Tgt Ion: 95 Resp: 207755
Ion Ratio Lower Upper
95 100
174 74.7 0.0 145.4
176 72.6 0.0 137.8

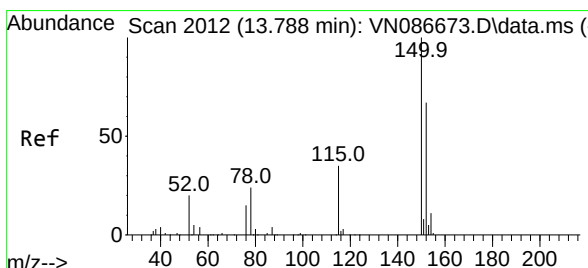
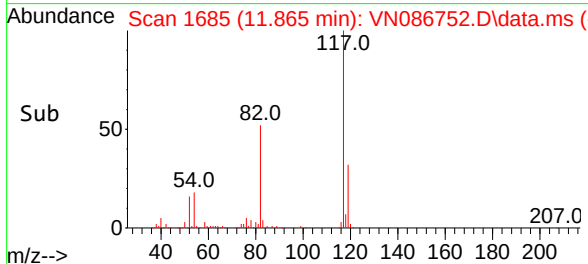
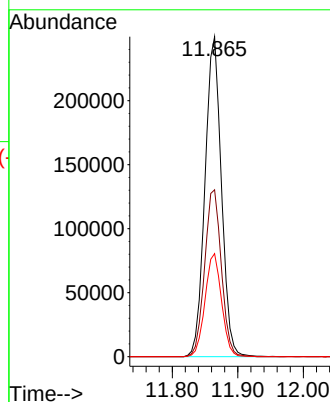
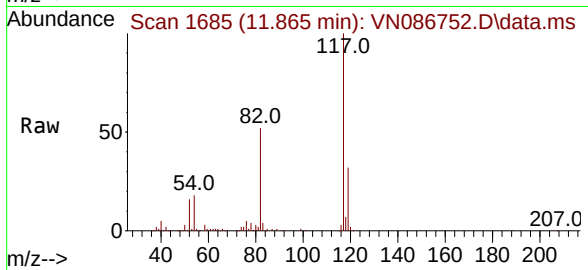




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086752.D
Acq: 22 May 2025 09:19

Instrument :
MSVOA_N
ClientSampleId :
VN0522WBL01

Tgt Ion:117 Resp: 435552
Ion Ratio Lower Upper
117 100
82 52.2 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: VN086752.D
Acq: 22 May 2025 09:19

Tgt Ion:152 Resp: 191535
Ion Ratio Lower Upper
152 100
115 59.5 30.0 90.1
150 157.1 0.0 347.8

