

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032425\
 Data File : VN086066.D
 Acq On : 24 Mar 2025 12:38
 Operator : JC\MD
 Sample : VN0324MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324MBL01

Quant Time: Mar 25 01:20:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	141819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	249369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	90093	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	110982	57.149	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.300%
35) Dibromofluoromethane	8.165	113	95862	55.075	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.160%
50) Toluene-d8	10.565	98	307439	48.668	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.340%
62) 4-Bromofluorobenzene	12.847	95	90718	40.268	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	80.540%

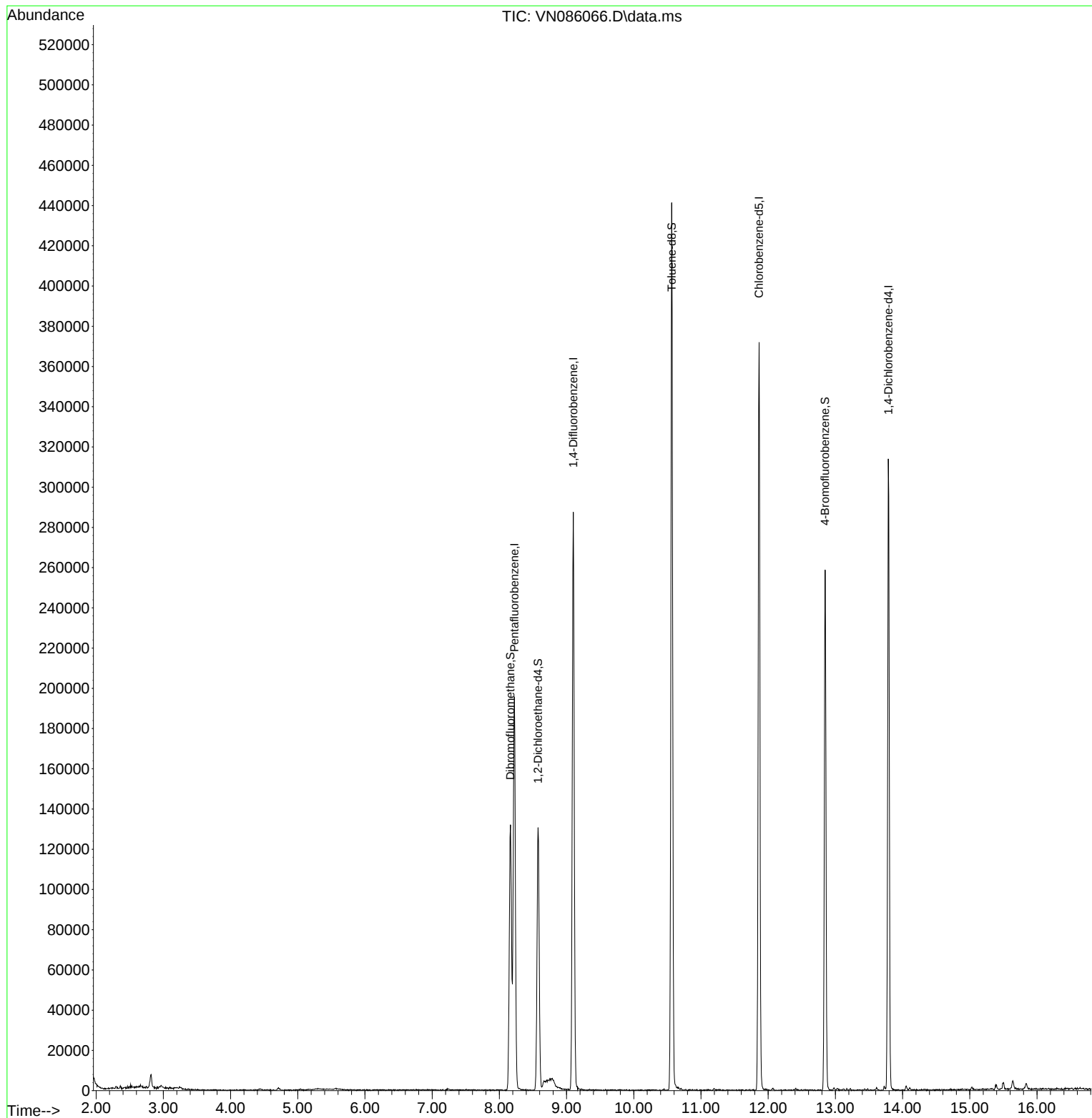
Target Compounds	Qvalue

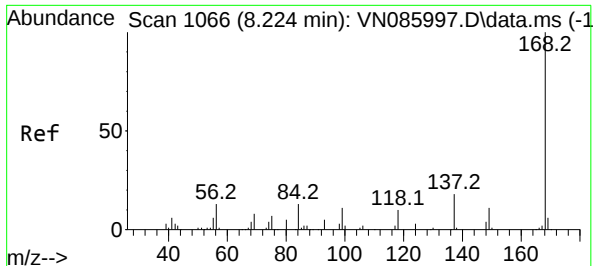
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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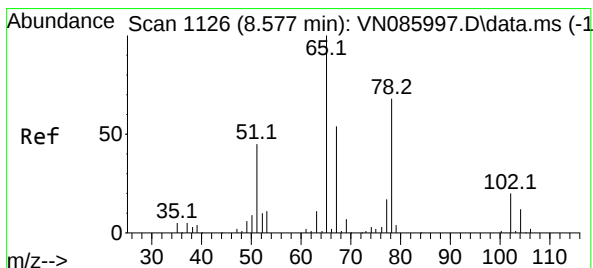
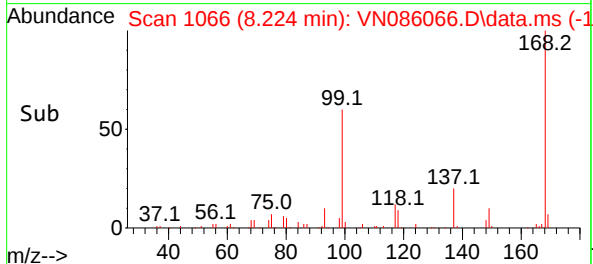
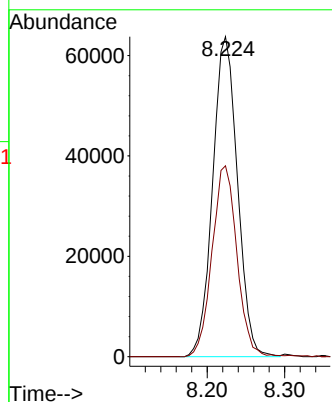
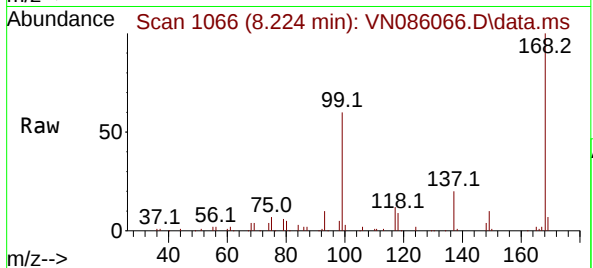




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086066.D
Acq: 24 Mar 2025 12:38

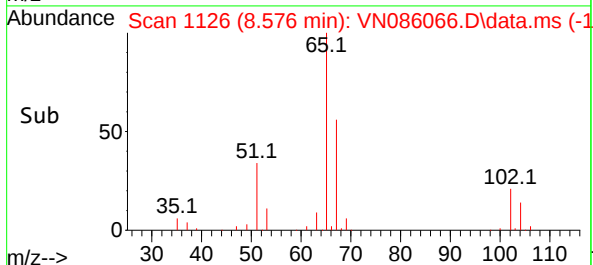
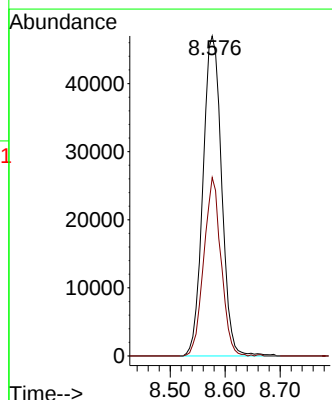
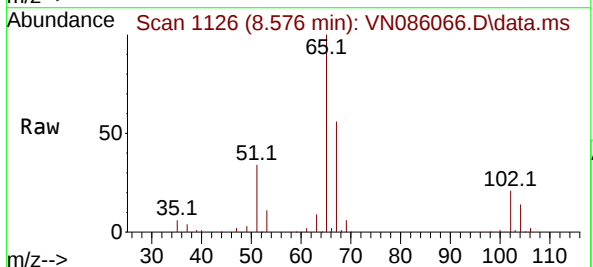
Instrument :
MSVOA_N
ClientSampleId :
VN0324MBL01

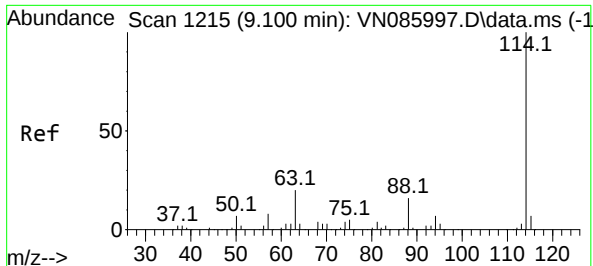
Tgt Ion:168 Resp: 141819
Ion Ratio Lower Upper
168 100
99 59.7 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 57.149 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086066.D
Acq: 24 Mar 2025 12:38

Tgt Ion: 65 Resp: 110982
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086066.D

Acq: 24 Mar 2025 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0324MBL01

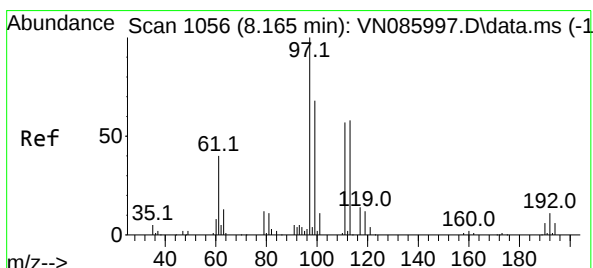
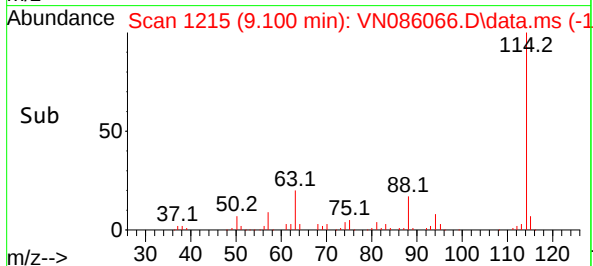
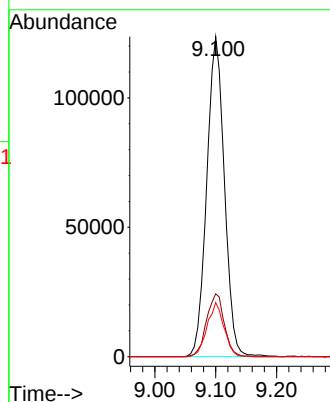
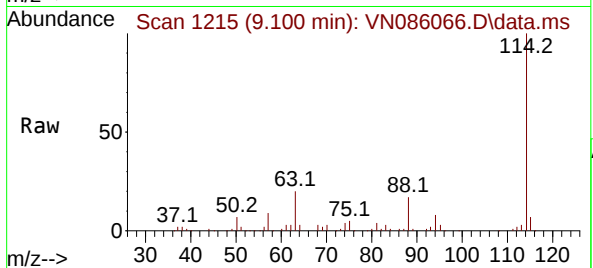
Tgt Ion:114 Resp: 249369

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 16.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 55.075 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086066.D

Acq: 24 Mar 2025 12:38

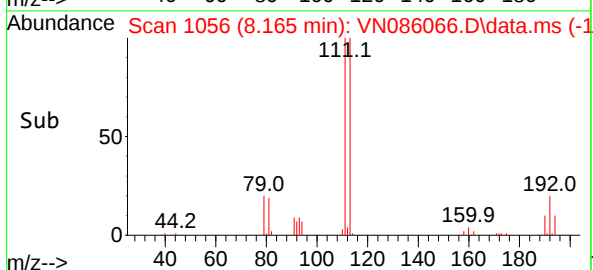
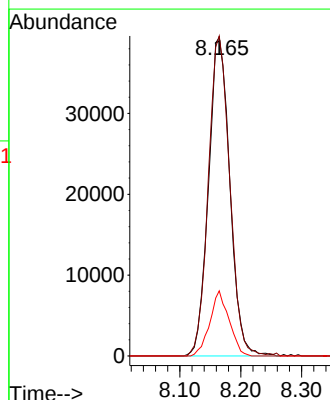
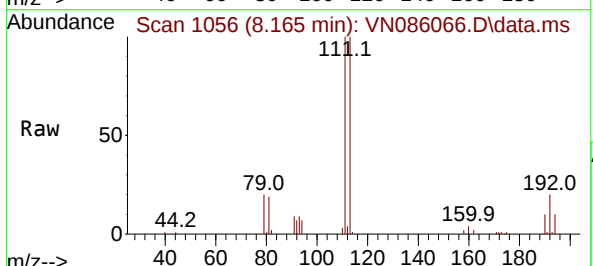
Tgt Ion:113 Resp: 95862

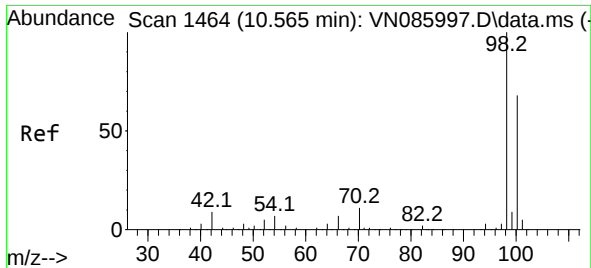
Ion Ratio Lower Upper

113 100

111 100.4 81.8 122.8

192 18.4 15.9 23.9

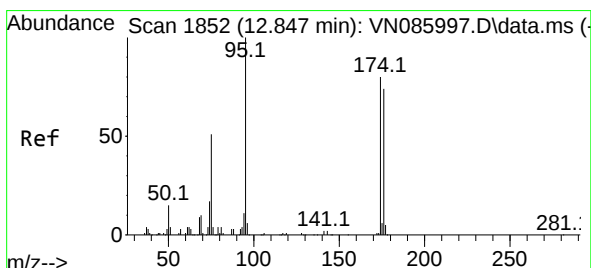
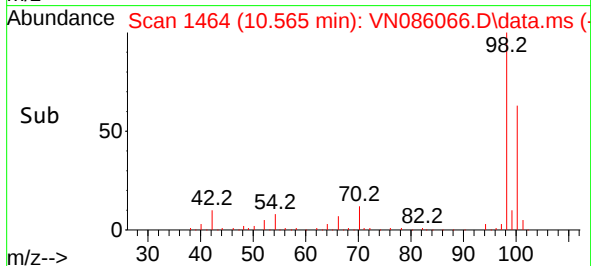
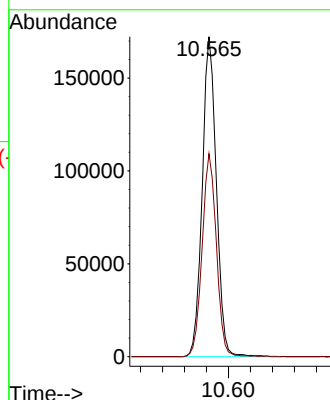
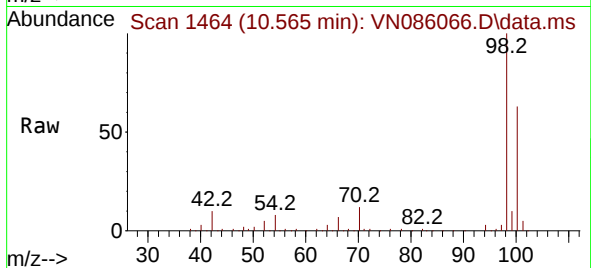




#50
Toluene-d8
Concen: 48.668 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086066.D
Acq: 24 Mar 2025 12:38

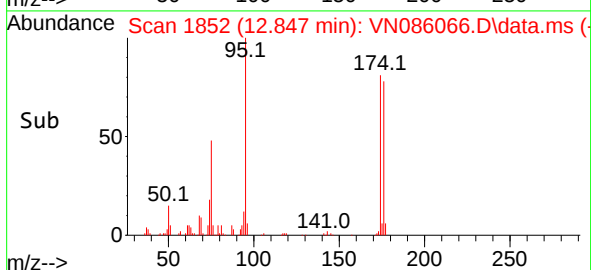
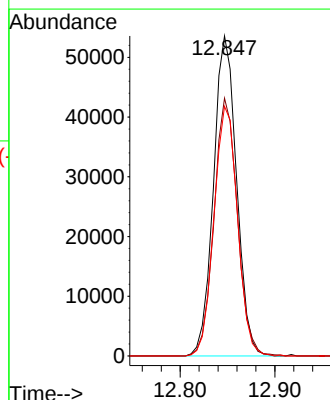
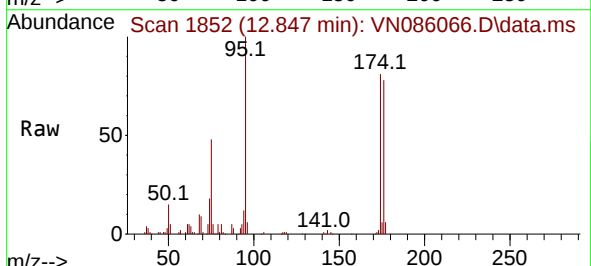
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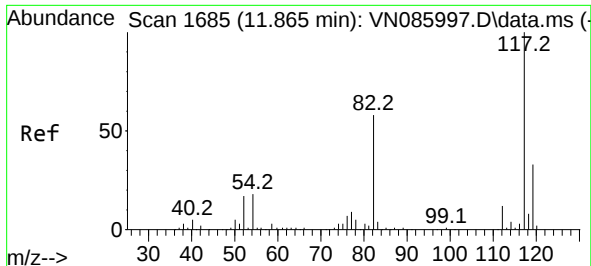
Tgt Ion: 98 Resp: 307439
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 40.268 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086066.D
Acq: 24 Mar 2025 12:38

Tgt Ion: 95 Resp: 90718
Ion Ratio Lower Upper
95 100
174 81.3 0.0 156.8
176 79.7 0.0 152.2

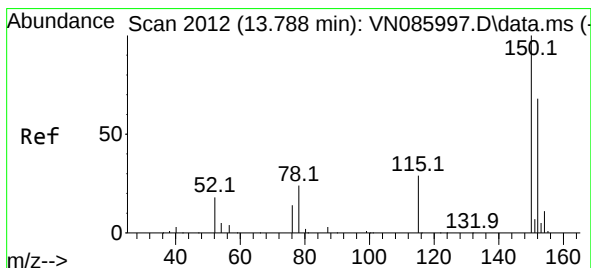
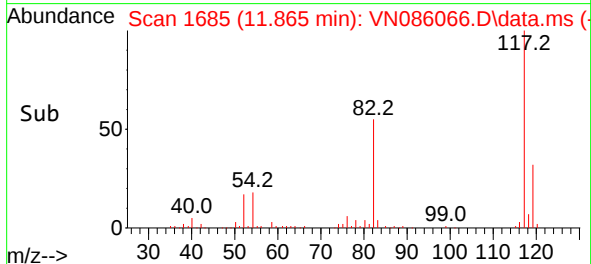
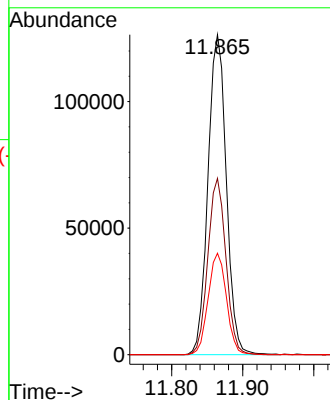
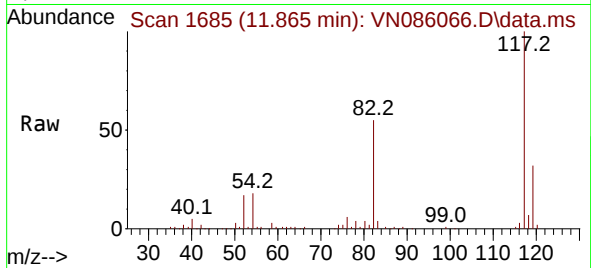




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086066.D
Acq: 24 Mar 2025 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0324MBL01

Tgt Ion:117 Resp: 226919
Ion Ratio Lower Upper
117 100
82 55.1 46.7 70.1
119 31.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086066.D
Acq: 24 Mar 2025 12:38

Tgt Ion:152 Resp: 90093
Ion Ratio Lower Upper
152 100
115 60.1 31.1 93.2
150 155.6 0.0 359.6

