

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032025\
 Data File : VN086026.D
 Acq On : 20 Mar 2025 15:48
 Operator : JC\MD
 Sample : VN0320MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320MBL01

Quant Time: Mar 21 01:20:05 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	125889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	222136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	205144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	80185	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	100309	58.189	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.380%
35) Dibromofluoromethane	8.165	113	86385	55.715	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.420%
50) Toluene-d8	10.565	98	272679	48.458	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.920%
62) 4-Bromofluorobenzene	12.847	95	80619	40.173	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	80.340%

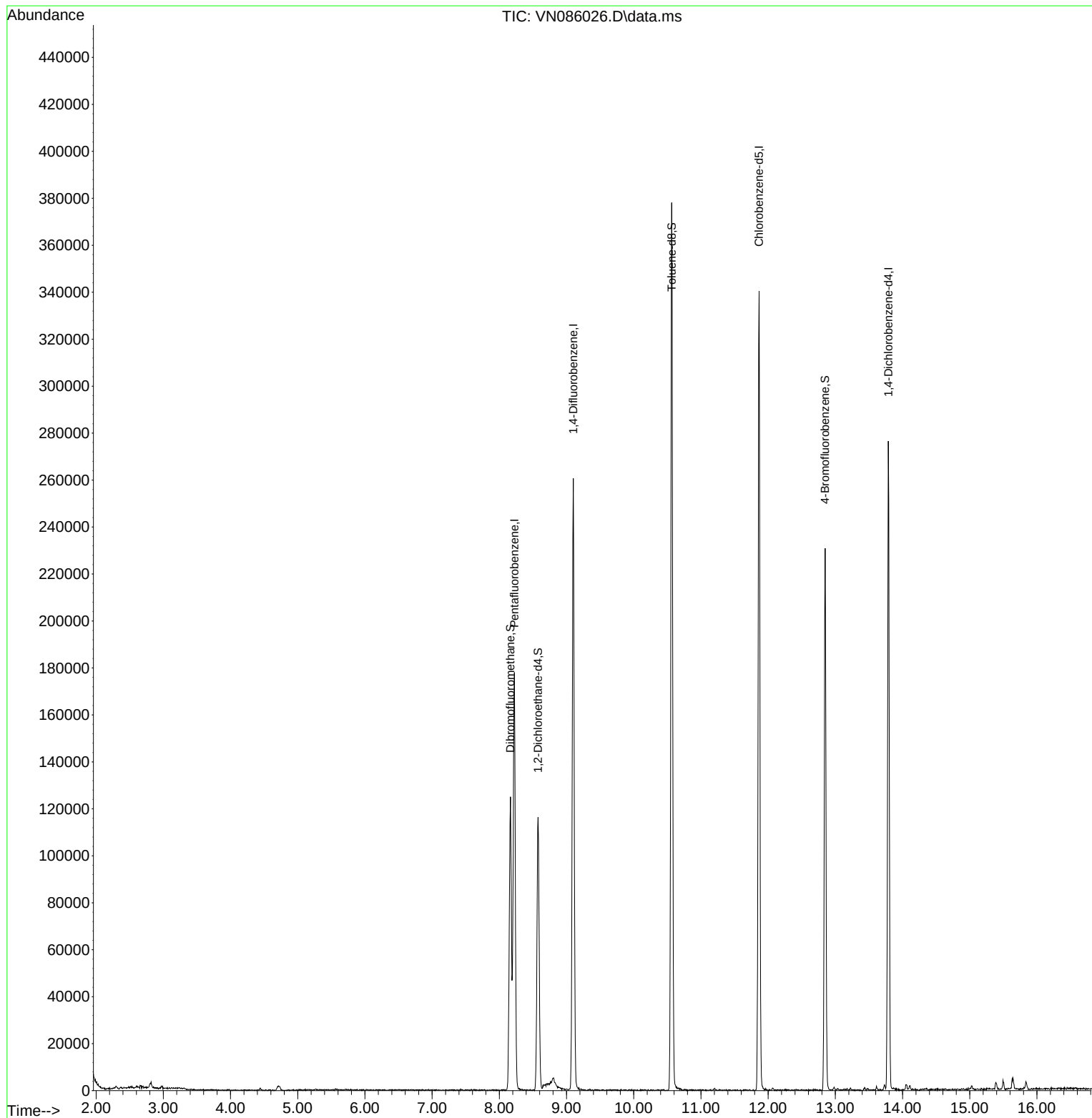
Target Compounds	Qvalue

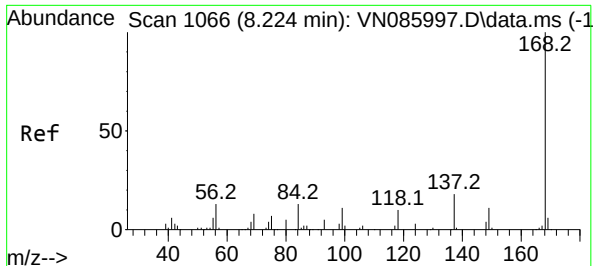
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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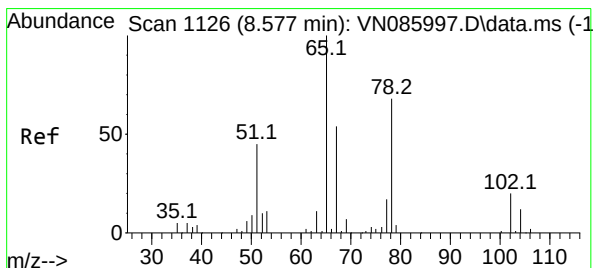
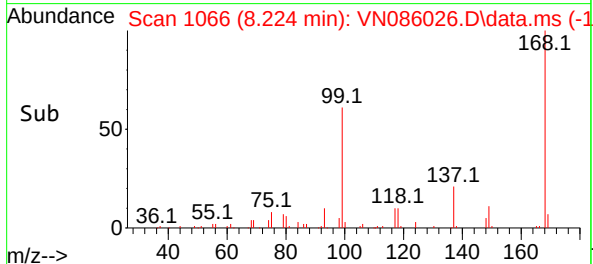
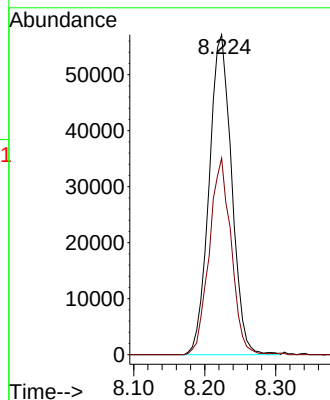
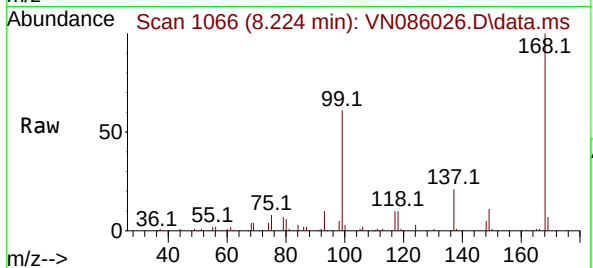




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086026.D
Acq: 20 Mar 2025 15:48

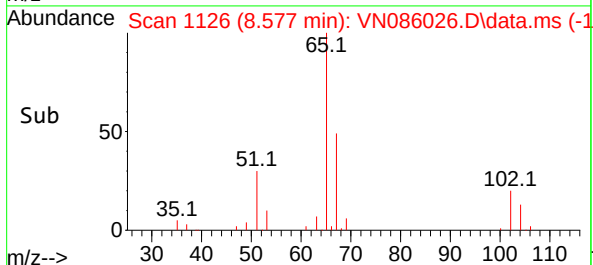
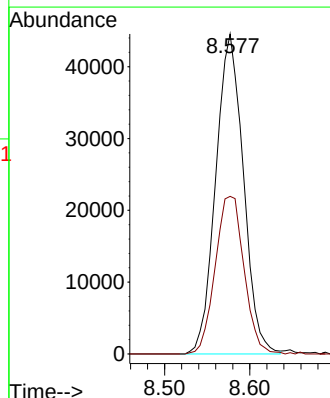
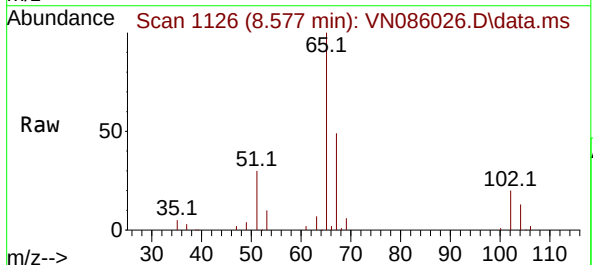
Instrument :
MSVOA_N
ClientSampleId :
VN0320MBL01

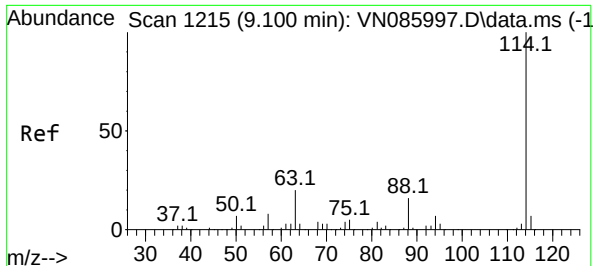
Tgt Ion:168 Resp: 125889
Ion Ratio Lower Upper
168 100
99 61.4 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 58.189 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086026.D
Acq: 20 Mar 2025 15:48

Tgt Ion: 65 Resp: 100309
Ion Ratio Lower Upper
65 100
67 51.4 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: VN086026.D

Acq: 20 Mar 2025 15:48

Instrument :

MSVOA_N

ClientSampleId :

VN0320MBL01

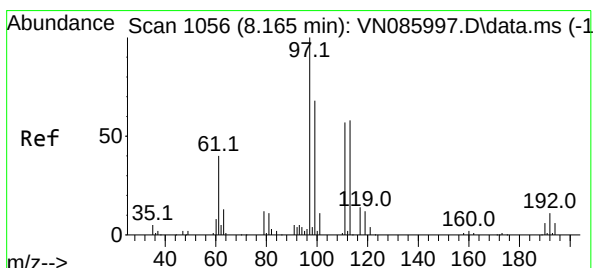
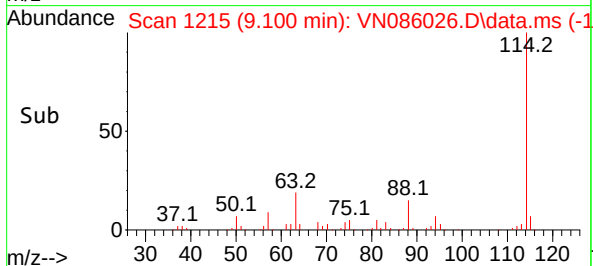
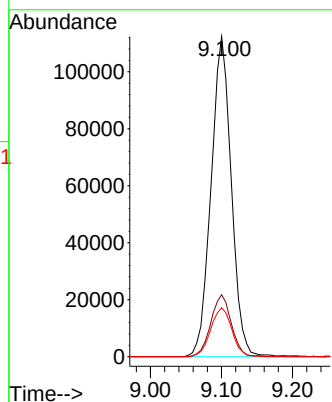
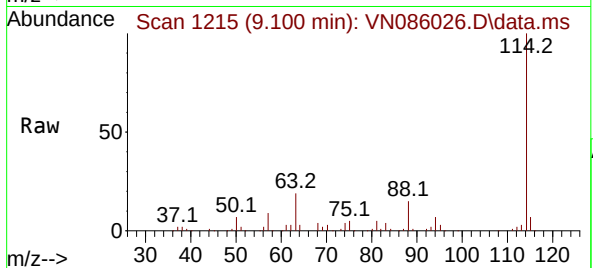
Tgt Ion:114 Resp: 222136

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 55.715 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086026.D

Acq: 20 Mar 2025 15:48

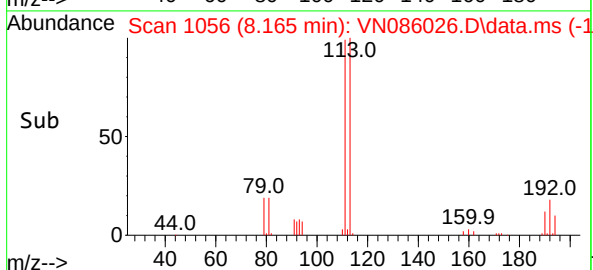
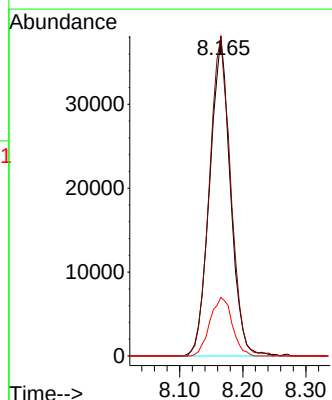
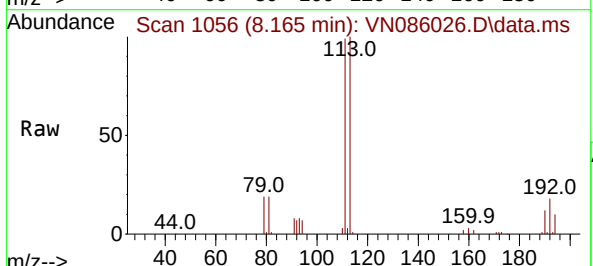
Tgt Ion:113 Resp: 86385

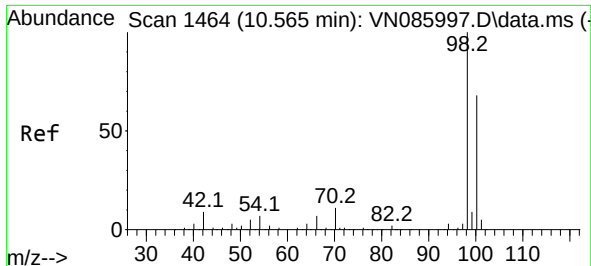
Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

192 19.8 15.9 23.9

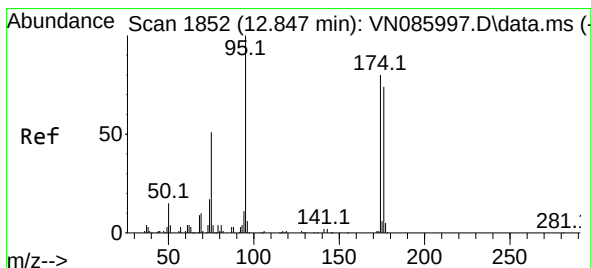
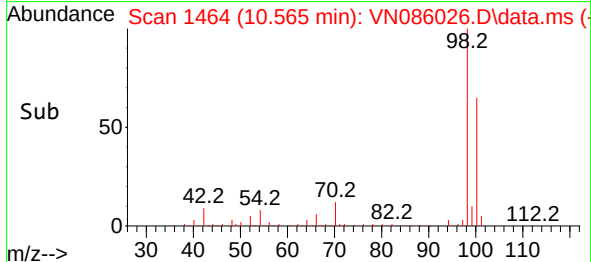
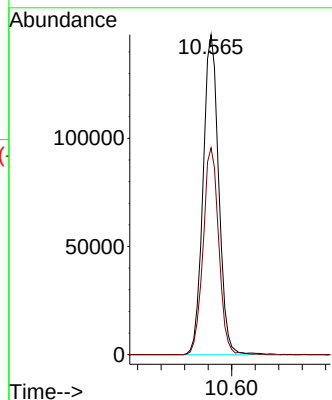
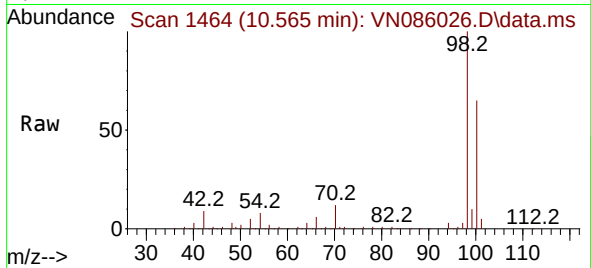




#50
Toluene-d8
Concen: 48.458 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086026.D
Acq: 20 Mar 2025 15:48

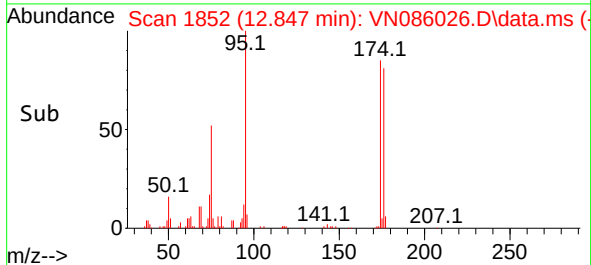
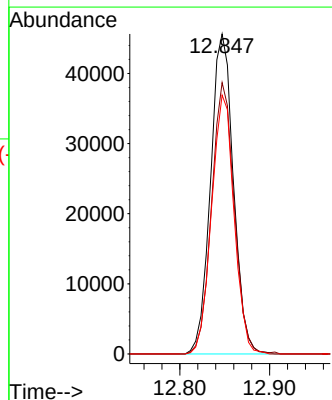
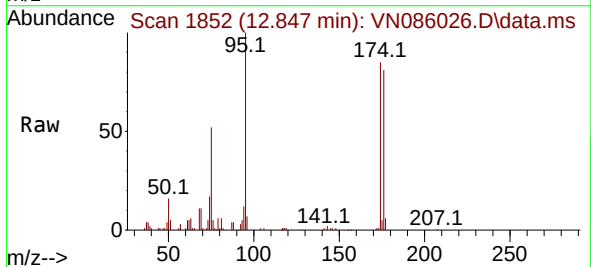
Instrument :
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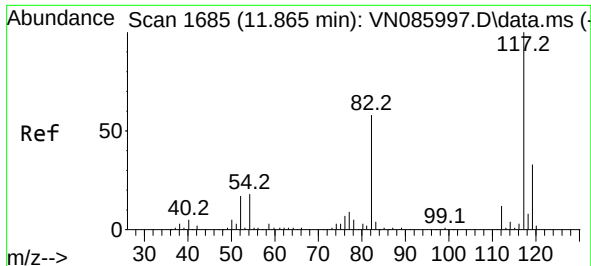
Tgt Ion: 98 Resp: 272679
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 40.173 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086026.D
Acq: 20 Mar 2025 15:48

Tgt Ion: 95 Resp: 80619
Ion Ratio Lower Upper
95 100
174 84.2 0.0 156.8
176 79.7 0.0 152.2

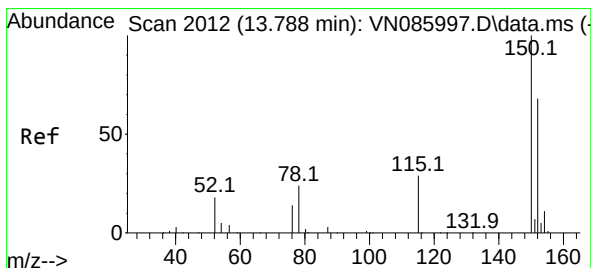
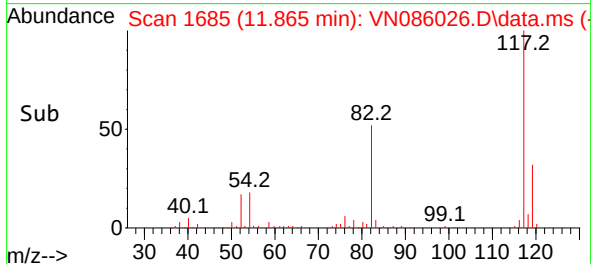
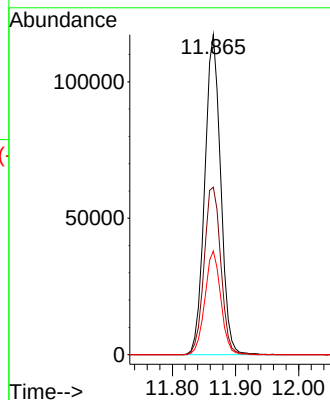
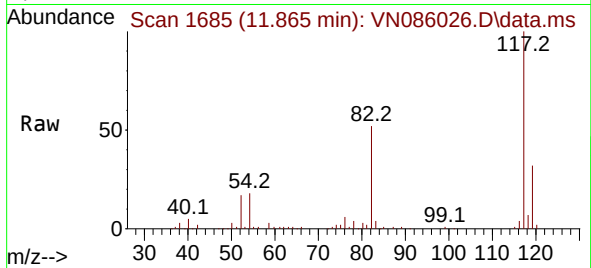




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086026.D
Acq: 20 Mar 2025 15:48

Instrument :
MSVOA_N
ClientSampleId :
VN0320MBL01

Tgt Ion:117 Resp: 205144
Ion Ratio Lower Upper
117 100
82 52.3 46.7 70.1
119 32.4 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: VN086026.D
Acq: 20 Mar 2025 15:48

Tgt Ion:152 Resp: 80185
Ion Ratio Lower Upper
152 100
115 58.7 31.1 93.2
150 153.3 0.0 359.6

