

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032025\
 Data File : VN086027.D
 Acq On : 20 Mar 2025 16:12
 Operator : JC\MD
 Sample : VN0320WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBL01

Quant Time: Mar 21 01:20:35 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	133645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	242254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	218780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	87559	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	106454	58.170	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.340%
35) Dibromofluoromethane	8.165	113	92615	54.773	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.540%
50) Toluene-d8	10.565	98	298035	48.565	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.140%
62) 4-Bromofluorobenzene	12.847	95	94197	43.040	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	86.080%

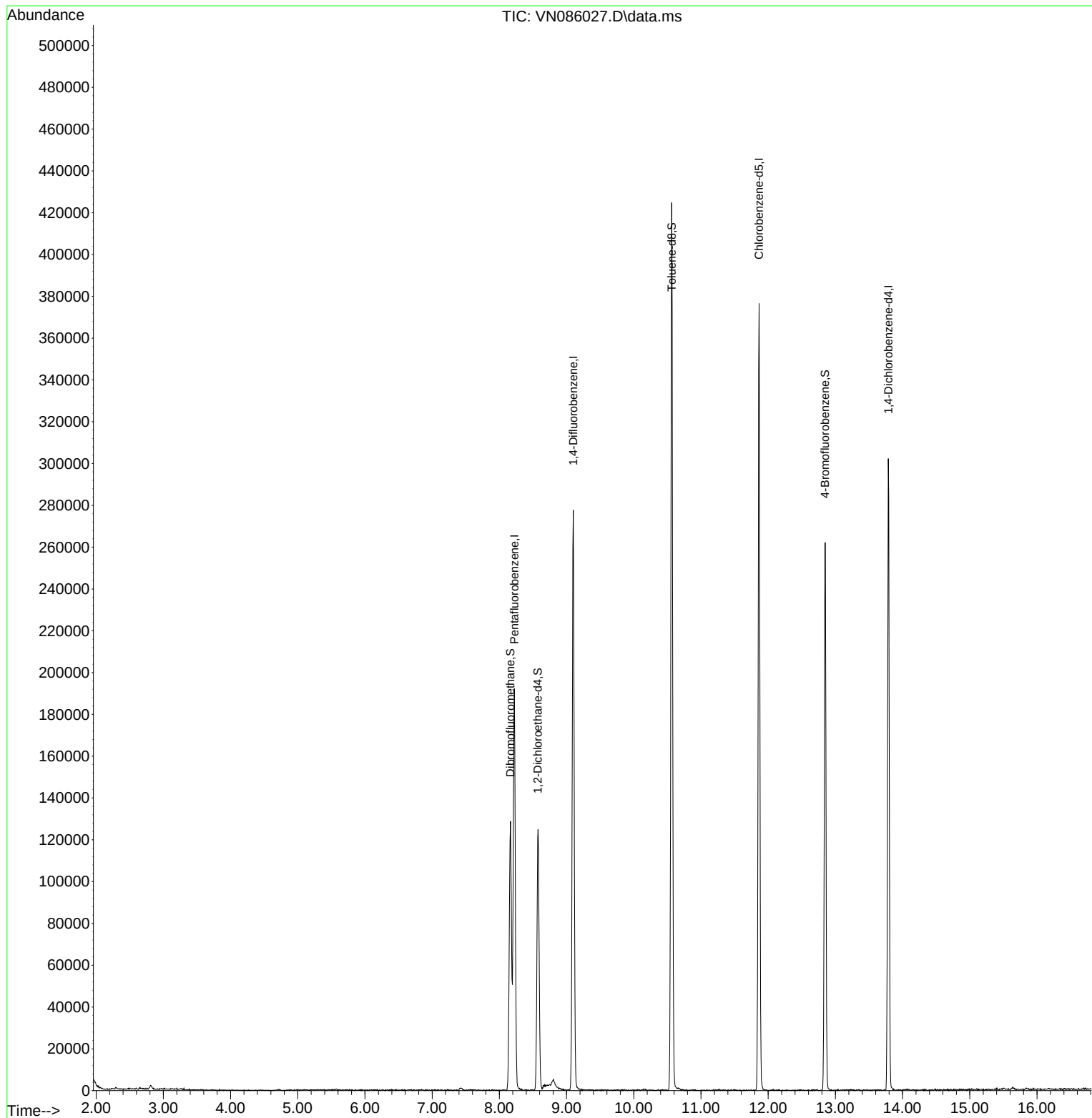
Target Compounds	Qvalue

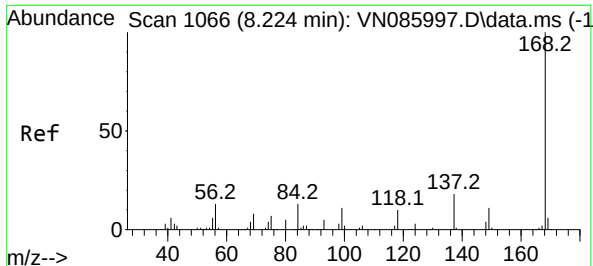
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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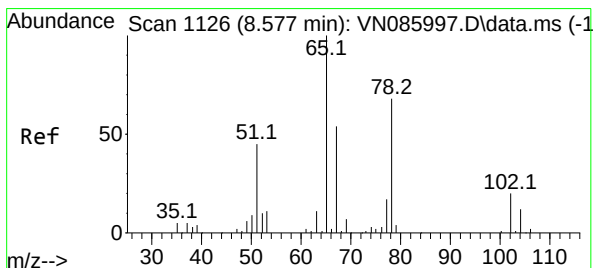
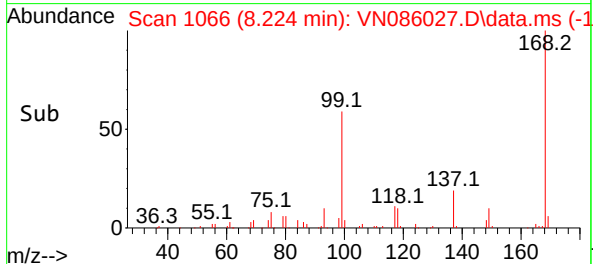
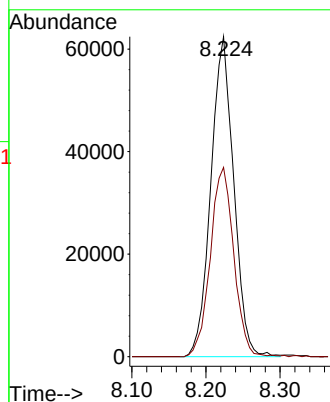
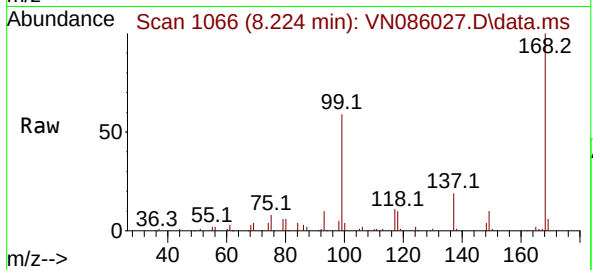




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086027.D
Acq: 20 Mar 2025 16:12

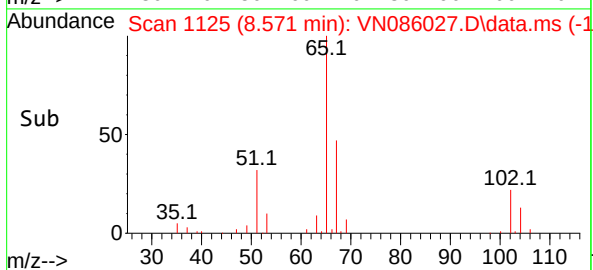
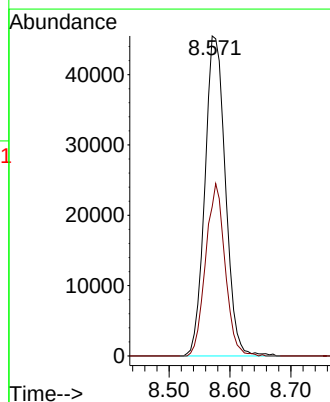
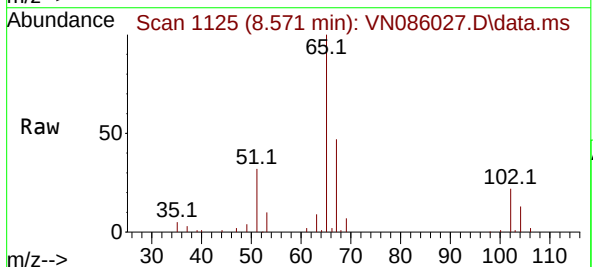
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBL01

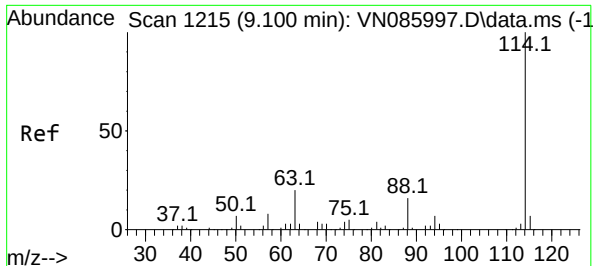
Tgt Ion:168 Resp: 133645
Ion Ratio Lower Upper
168 100
99 59.2 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 58.170 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN086027.D
Acq: 20 Mar 2025 16:12

Tgt Ion: 65 Resp: 106454
Ion Ratio Lower Upper
65 100
67 50.9 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: VN086027.D

Acq: 20 Mar 2025 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBL01

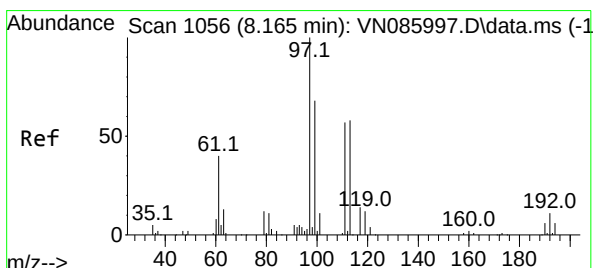
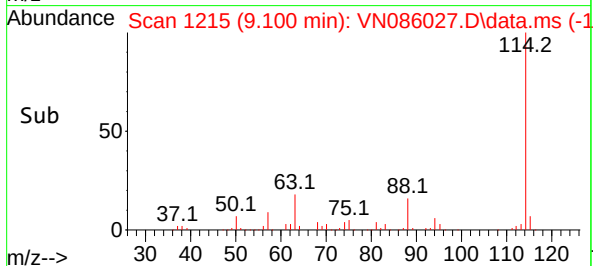
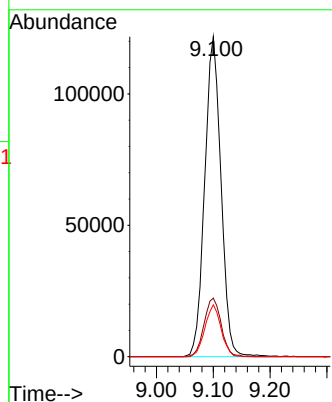
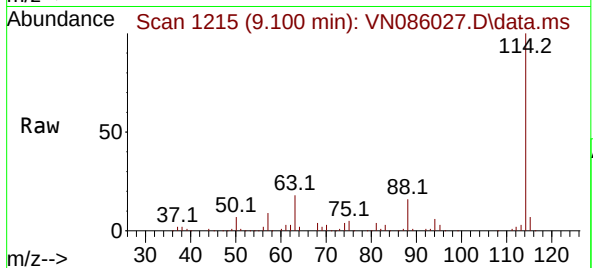
Tgt Ion:114 Resp: 242254

Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.6

88 16.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.773 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086027.D

Acq: 20 Mar 2025 16:12

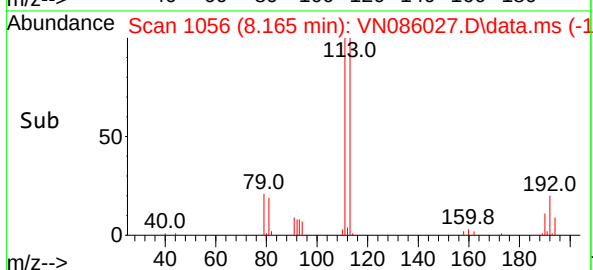
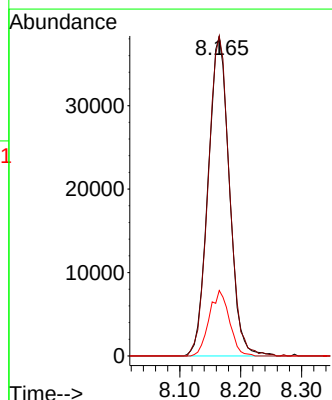
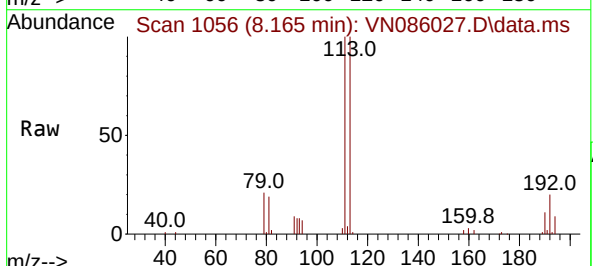
Tgt Ion:113 Resp: 92615

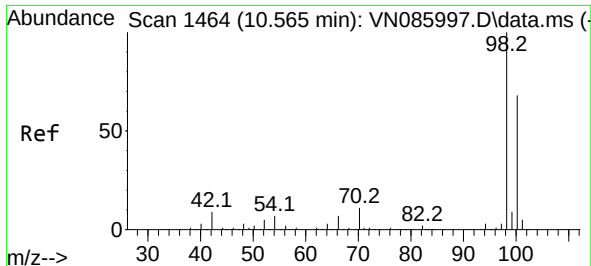
Ion Ratio Lower Upper

113 100

111 100.1 81.8 122.8

192 19.4 15.9 23.9

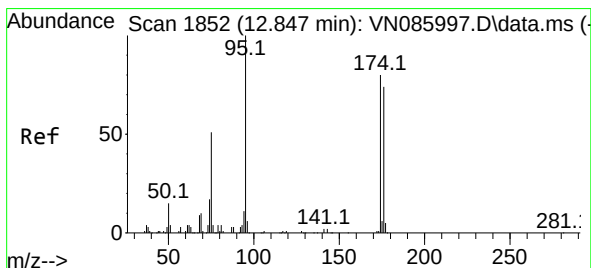
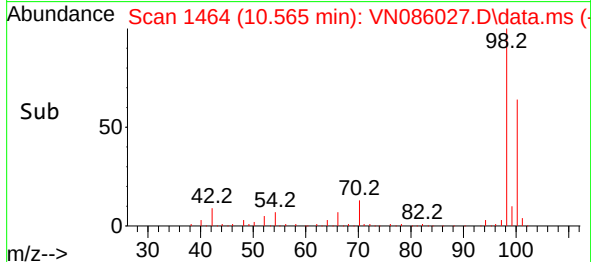
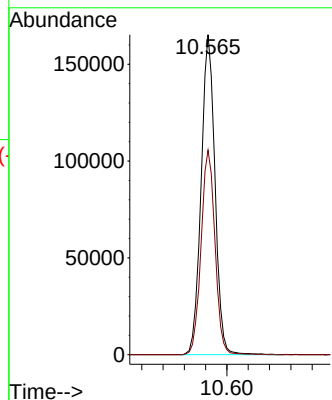
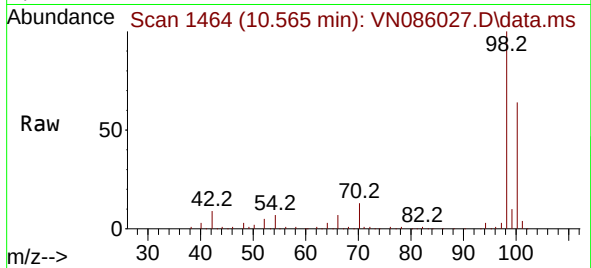




#50
Toluene-d8
Concen: 48.565 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086027.D
Acq: 20 Mar 2025 16:12

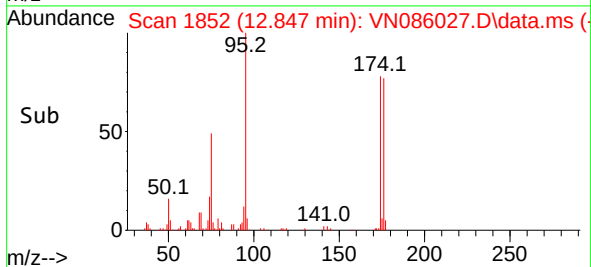
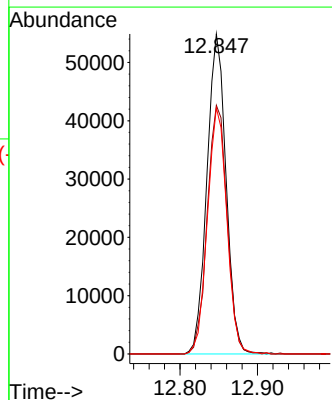
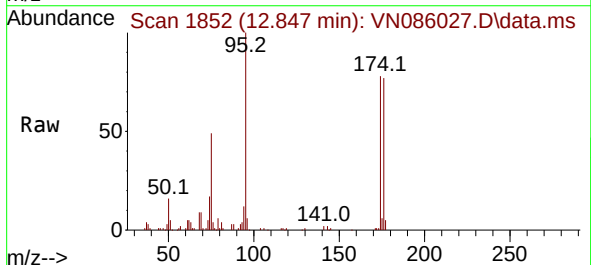
Instrument :
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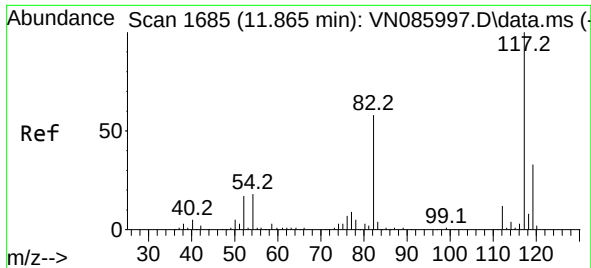
Tgt Ion: 98 Resp: 298035
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 43.040 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086027.D
Acq: 20 Mar 2025 16:12

Tgt Ion: 95 Resp: 94197
Ion Ratio Lower Upper
95 100
174 80.6 0.0 156.8
176 77.8 0.0 152.2

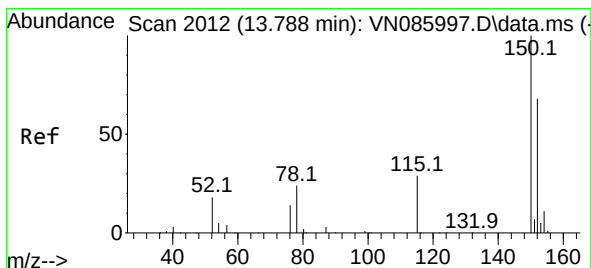
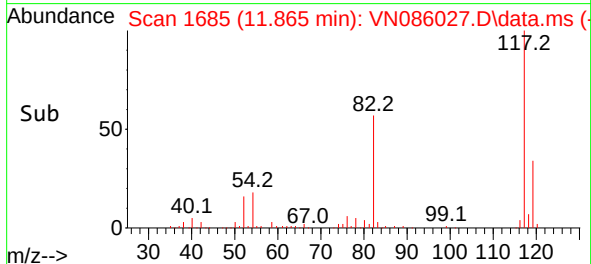
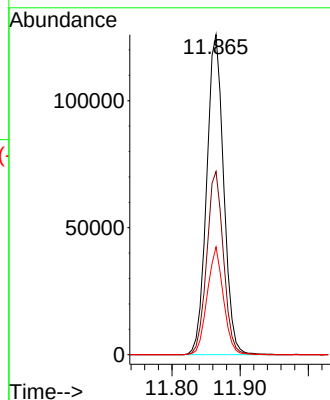
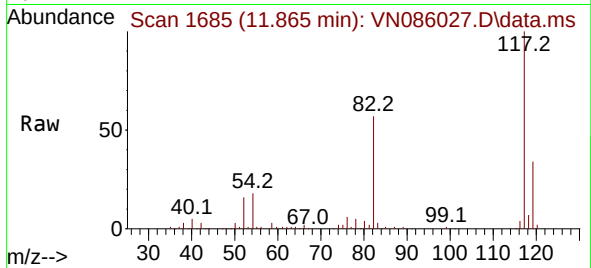




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086027.D
Acq: 20 Mar 2025 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBL01

Tgt Ion:117 Resp: 218780
Ion Ratio Lower Upper
117 100
82 57.3 46.7 70.1
119 33.7 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: VN086027.D
Acq: 20 Mar 2025 16:12

Tgt Ion:152 Resp: 87559
Ion Ratio Lower Upper
152 100
115 59.9 31.1 93.2
150 158.0 0.0 359.6

