

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032825\
 Data File : VN086156.D
 Acq On : 28 Mar 2025 17:30
 Operator : JC\MD
 Sample : Q1664-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-BBDGA-004-01

Quant Time: Mar 28 23:39:13 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)

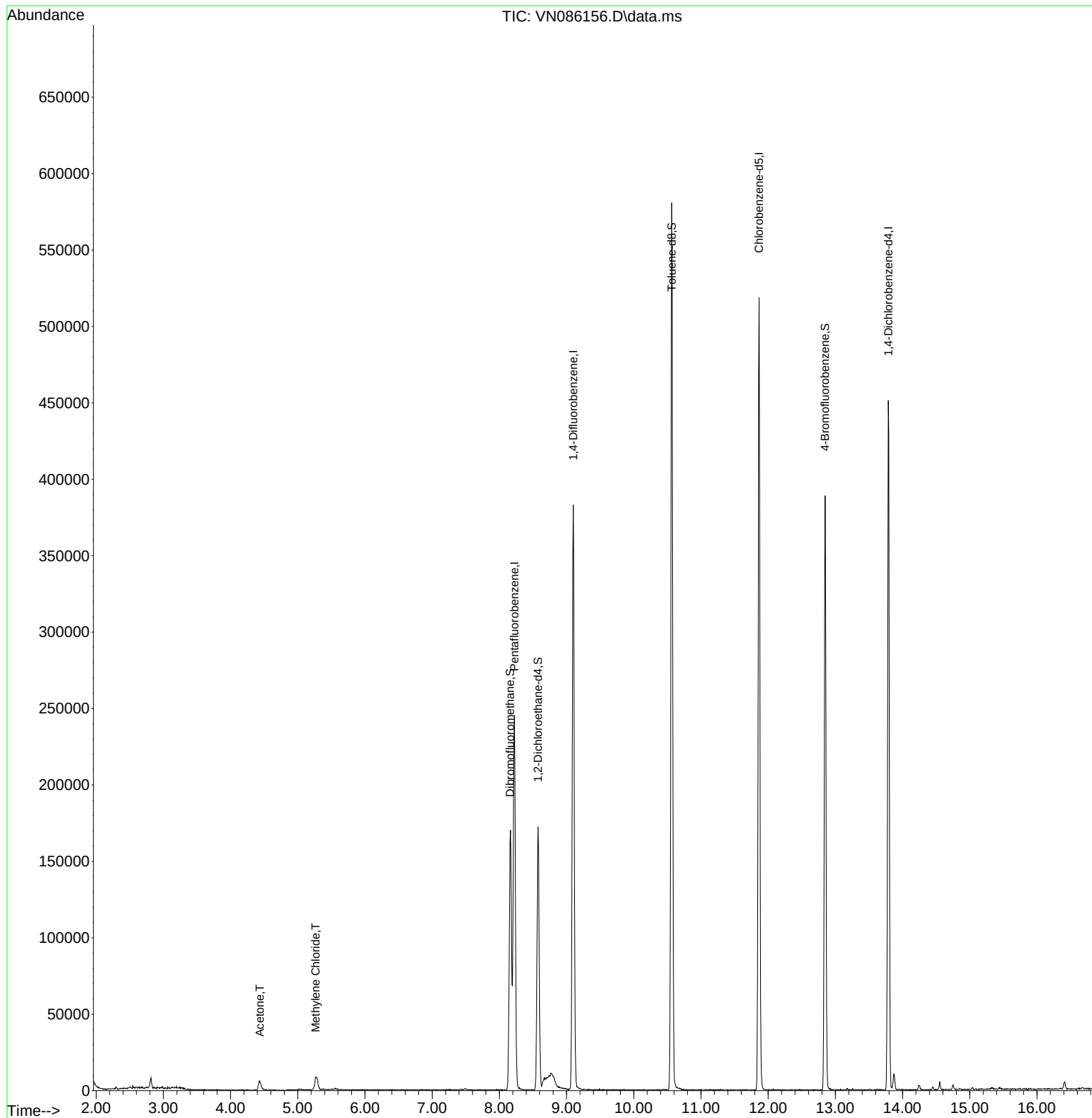
Internal Standards						
1) Pentafluorobenzene	8.224	168	176706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	334362	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	305366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	139326	57.580	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.160%
35) Dibromofluoromethane	8.159	113	124774	53.464	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.920%
50) Toluene-d8	10.565	98	412094	48.653	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.300%
62) 4-Bromofluorobenzene	12.847	95	137582	45.547	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.100%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	11274	15.251	ug/l	96
20) Methylene Chloride	5.265	84	7732	3.575	ug/l	87

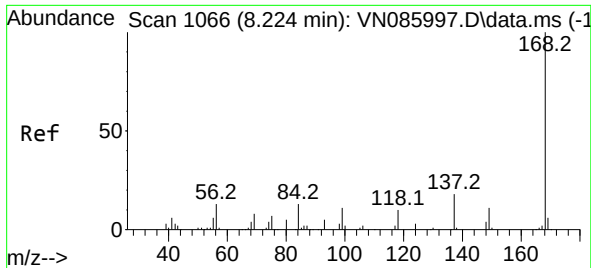
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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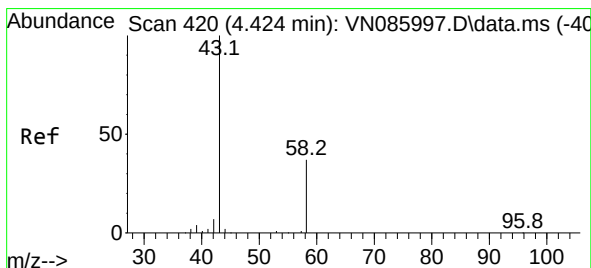
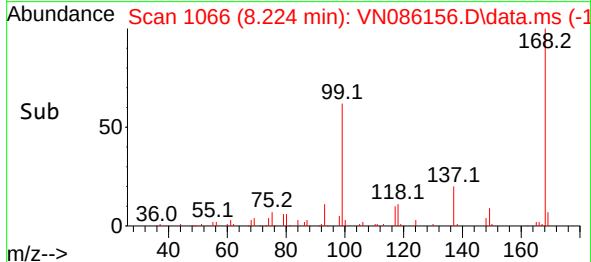
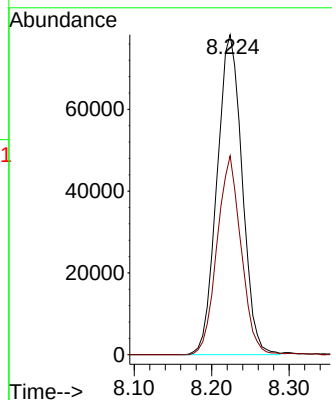
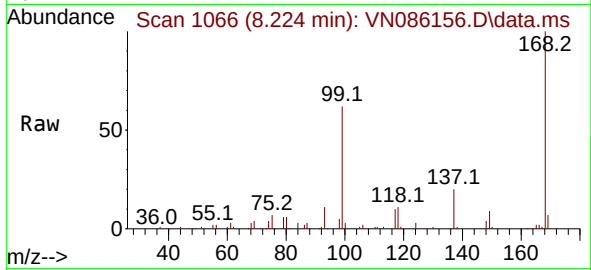




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086156.D
Acq: 28 Mar 2025 17:30

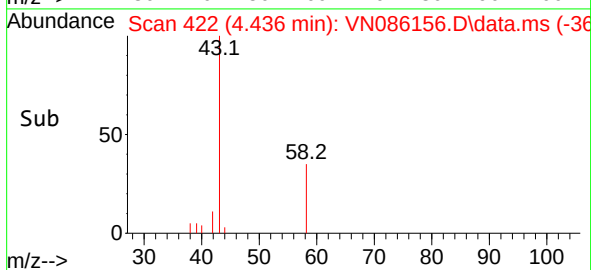
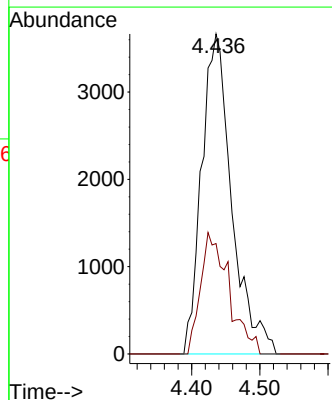
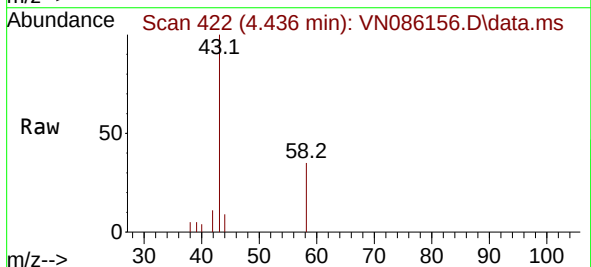
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-004-01

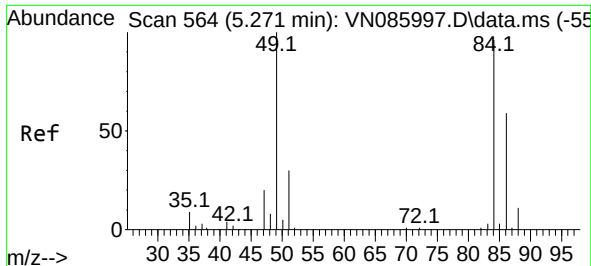
Tgt Ion:168 Resp: 176706
Ion Ratio Lower Upper
168 100
99 62.2 49.4 74.2



#16
Acetone
Concen: 15.251 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086156.D
Acq: 28 Mar 2025 17:30

Tgt Ion: 43 Resp: 11274
Ion Ratio Lower Upper
43 100
58 34.5 29.4 44.2

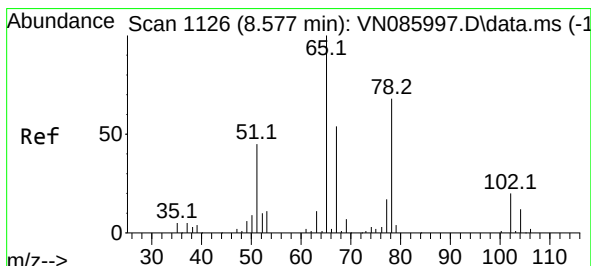
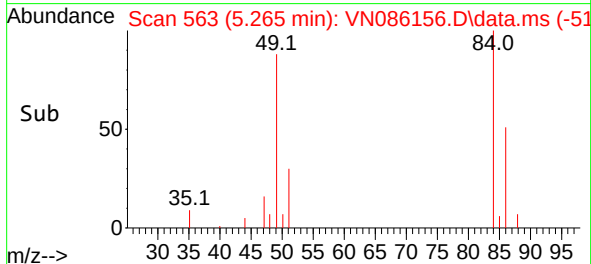
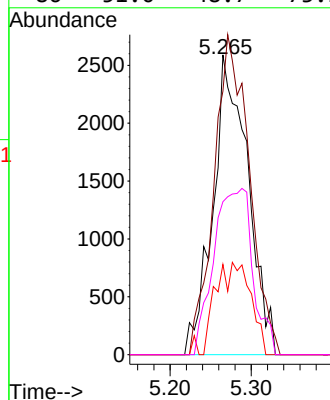
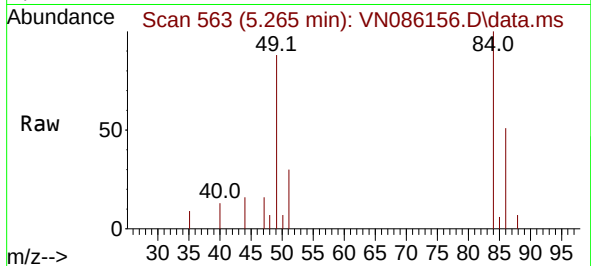




#20
Methylene Chloride
Concen: 3.575 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN086156.D
Acq: 28 Mar 2025 17:30

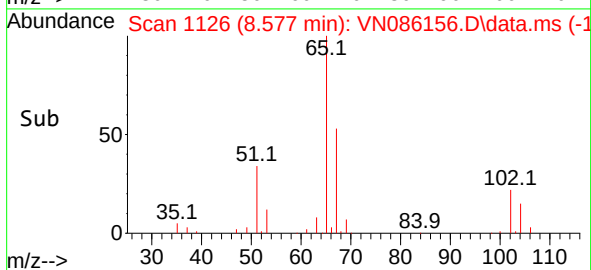
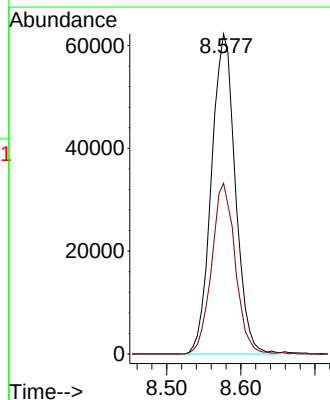
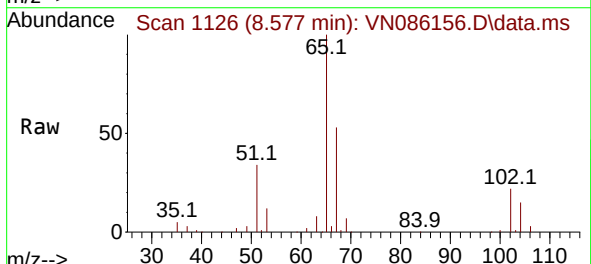
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-004-01

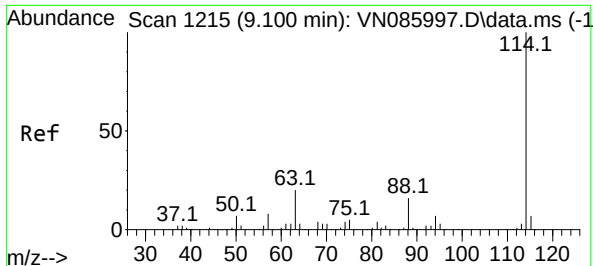
Tgt Ion: 84	Resp: 7732
Ion Ratio	Lower Upper
84 100	
49 87.9	83.3 124.9
51 30.1	24.8 37.2
86 51.0	48.7 73.1



#33
1,2-Dichloroethane-d4
Concen: 57.580 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086156.D
Acq: 28 Mar 2025 17:30

Tgt Ion: 65	Resp: 139326
Ion Ratio	Lower Upper
65 100	
67 52.6	0.0 102.2

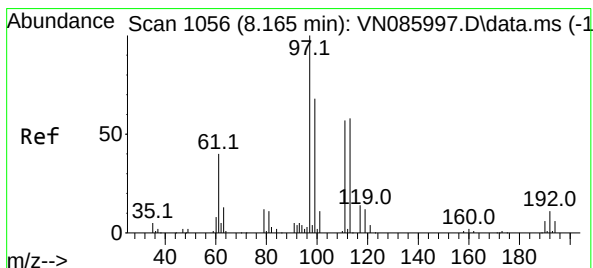
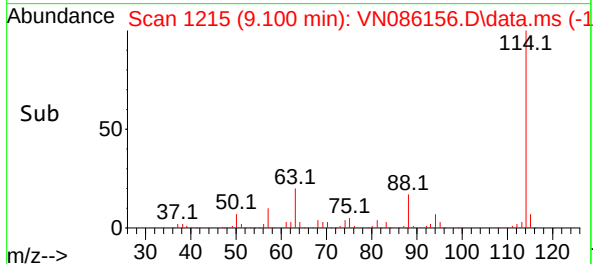
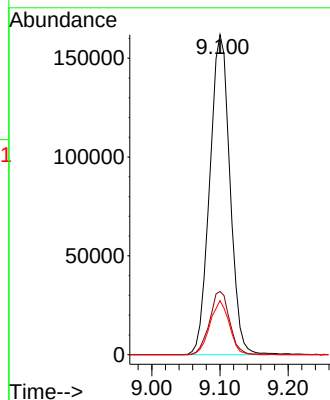
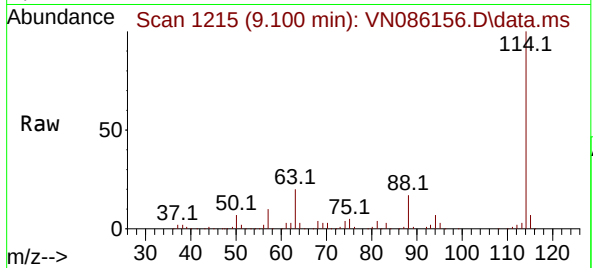




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086156.D
Acq: 28 Mar 2025 17:30

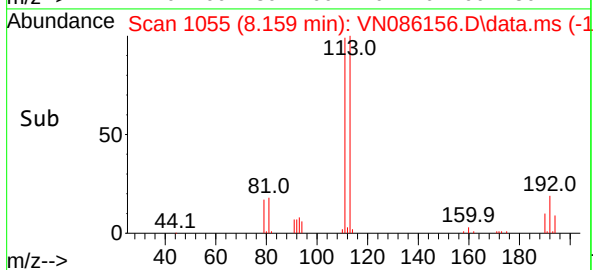
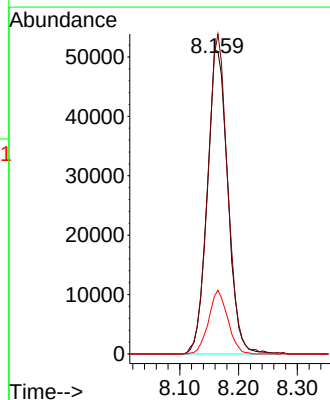
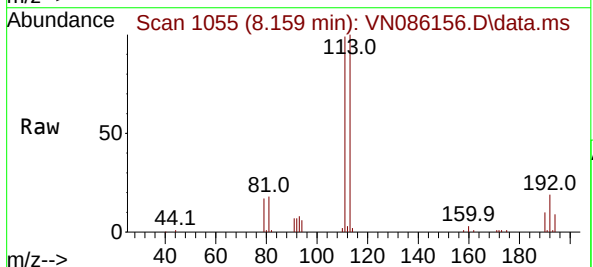
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-004-01

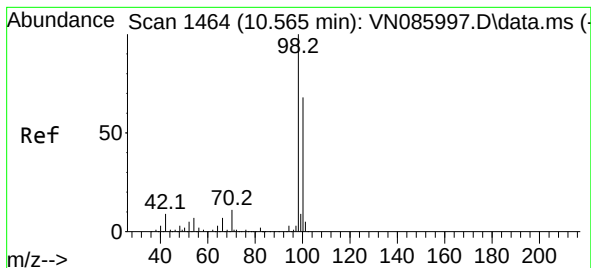
Tgt Ion:114 Resp: 334362
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.6
88 16.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 53.464 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086156.D
Acq: 28 Mar 2025 17:30

Tgt Ion:113 Resp: 124774
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.8
192 19.4 15.9 23.9





#50

Toluene-d8

Concen: 48.653 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086156.D

Acq: 28 Mar 2025 17:30

Instrument :

MSVOA_N

ClientSampleId :

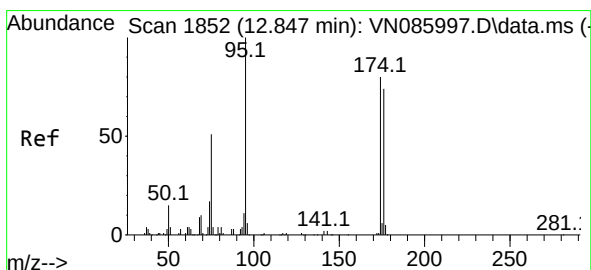
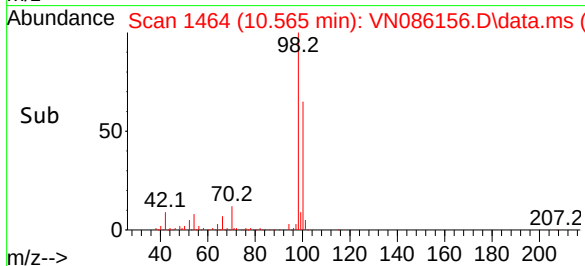
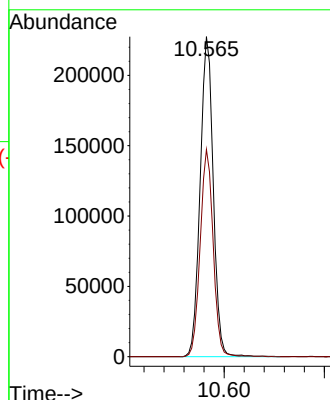
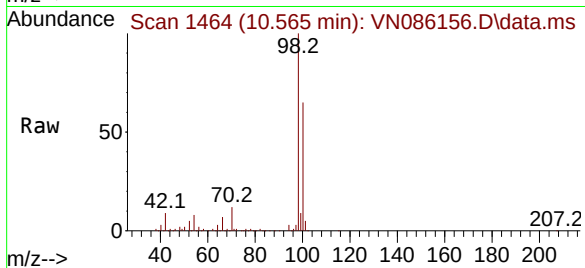
P001-BBDGA-004-01

Tgt Ion: 98 Resp: 412094

Ion Ratio Lower Upper

98 100

100 64.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.547 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN086156.D

Acq: 28 Mar 2025 17:30

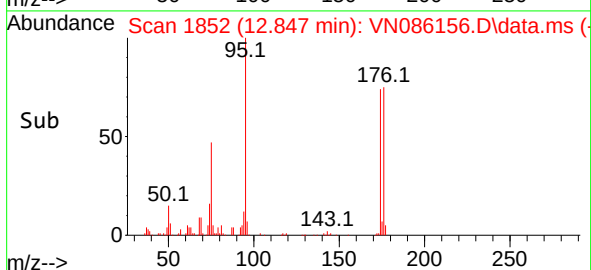
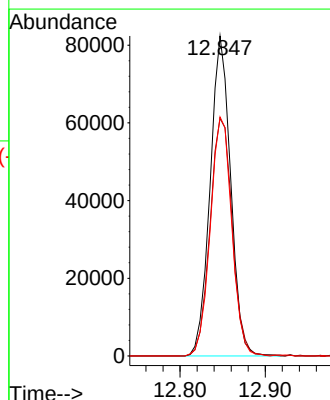
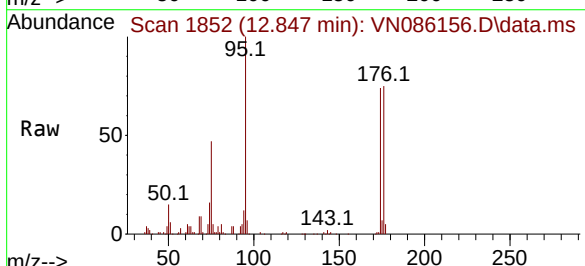
Tgt Ion: 95 Resp: 137582

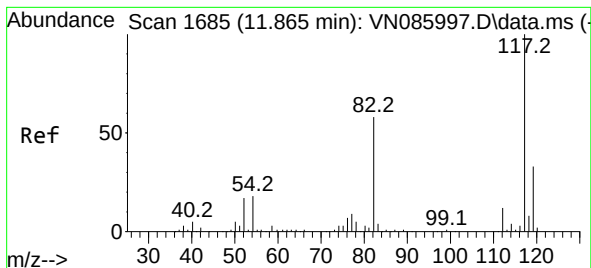
Ion Ratio Lower Upper

95 100

174 80.5 0.0 156.8

176 78.0 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: VN086156.D

Acq: 28 Mar 2025 17:30

Instrument :

MSVOA_N

ClientSampleId :

P001-BBDGA-004-01

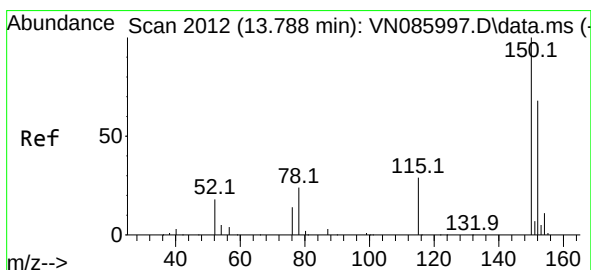
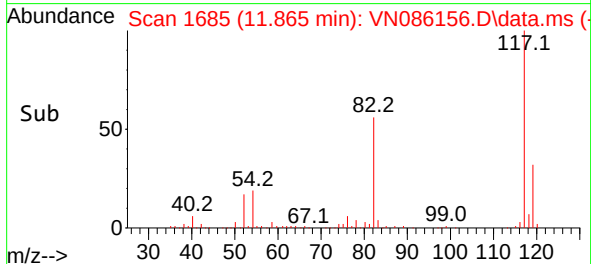
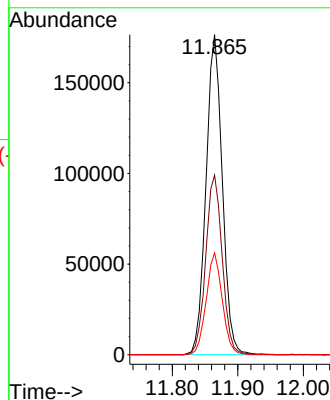
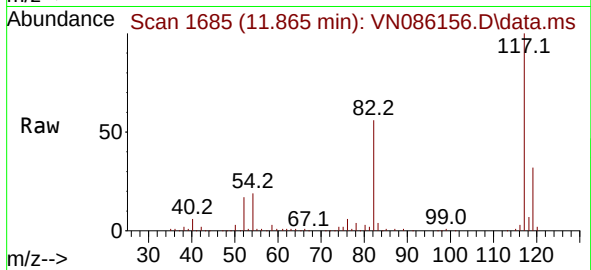
Tgt Ion:117 Resp: 305366

Ion Ratio Lower Upper

117 100

82 56.1 46.7 70.1

119 31.8 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: VN086156.D

Acq: 28 Mar 2025 17:30

Tgt Ion:152 Resp: 129697

Ion Ratio Lower Upper

152 100

115 60.3 31.1 93.2

150 157.7 0.0 359.6

