

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032825\
 Data File : VN086154.D
 Acq On : 28 Mar 2025 16:42
 Operator : JC\MD
 Sample : Q1664-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-BBDGA-002-01

Quant Time: Mar 28 23:38:50 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)

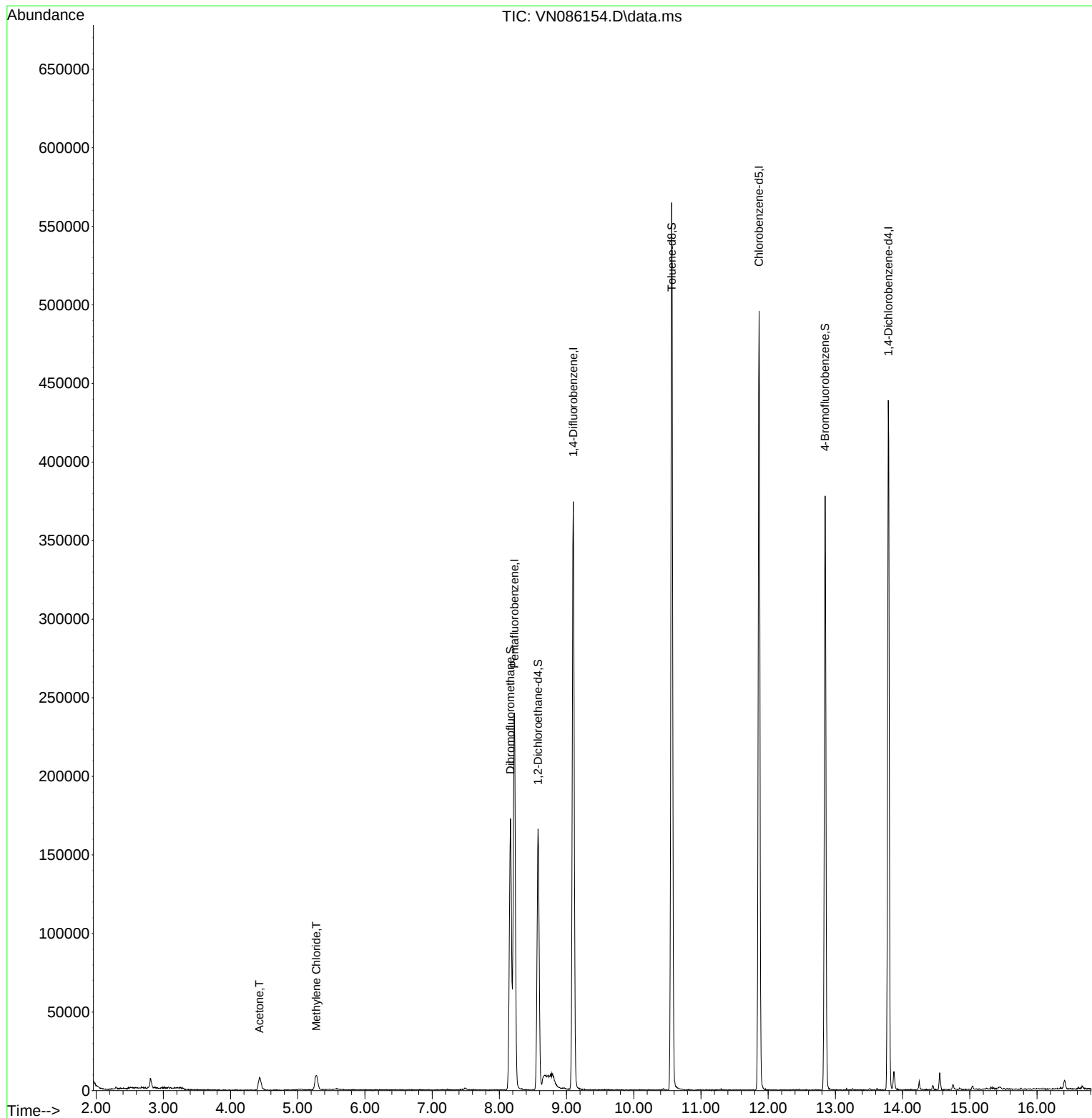
Internal Standards						
1) Pentafluorobenzene	8.224	168	175001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	326640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	298386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	136115	56.801	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.600%
35) Dibromofluoromethane	8.165	113	121737	53.396	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.800%
50) Toluene-d8	10.565	98	400682	48.424	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.840%
62) 4-Bromofluorobenzene	12.847	95	130785	44.320	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.640%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	15746	21.508	ug/l	99
20) Methylene Chloride	5.277	84	8310	3.880	ug/l #	85

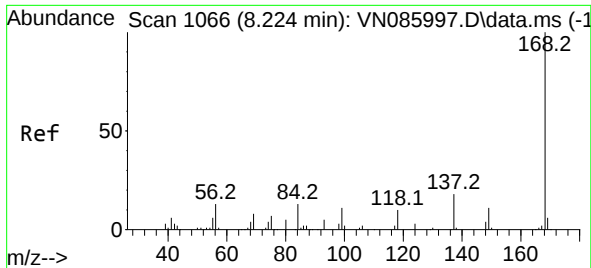
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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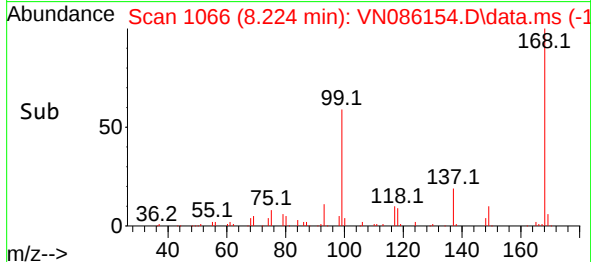
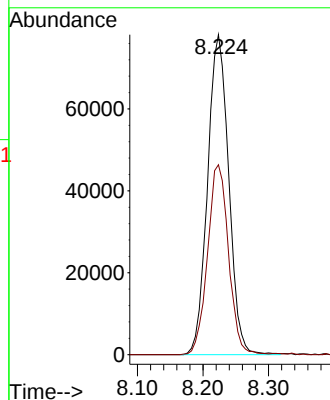
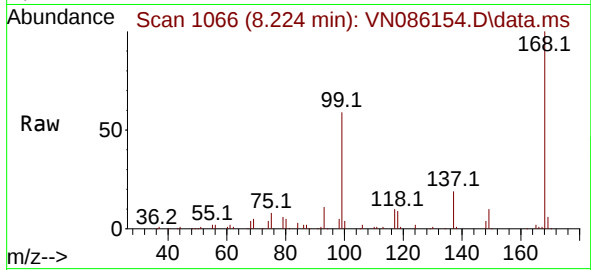




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086154.D
Acq: 28 Mar 2025 16:42

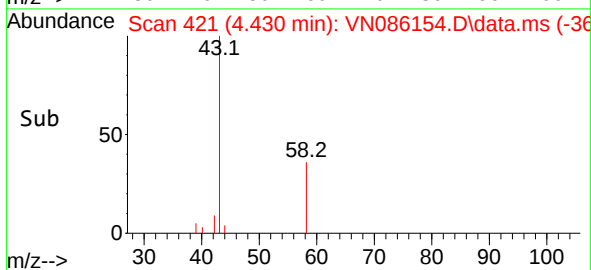
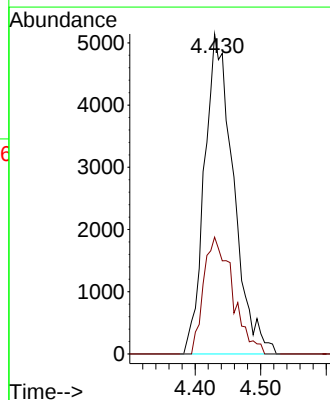
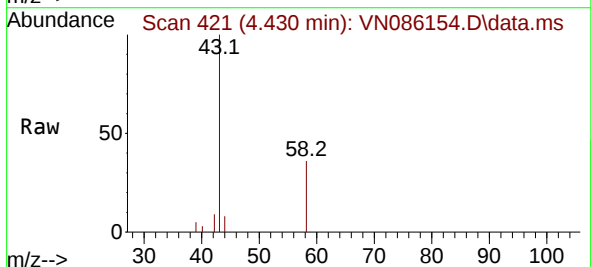
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-002-01

Tgt Ion:168 Resp: 175001
Ion Ratio Lower Upper
168 100
99 59.4 49.4 74.2



#16
Acetone
Concen: 21.508 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086154.D
Acq: 28 Mar 2025 16:42

Tgt Ion: 43 Resp: 15746
Ion Ratio Lower Upper
43 100
58 36.5 29.4 44.2

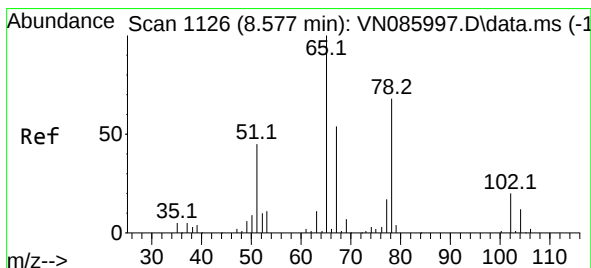
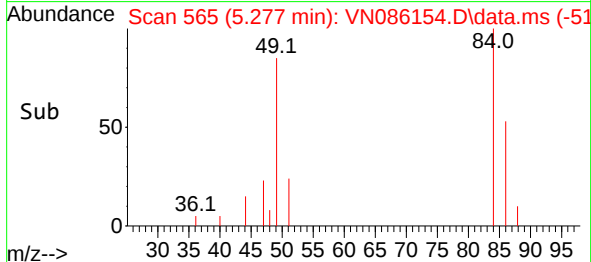
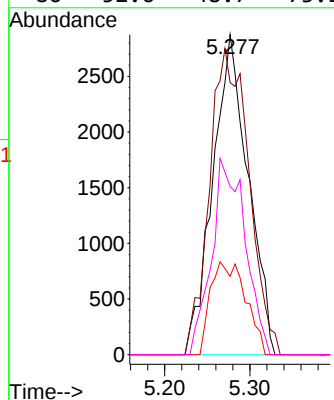
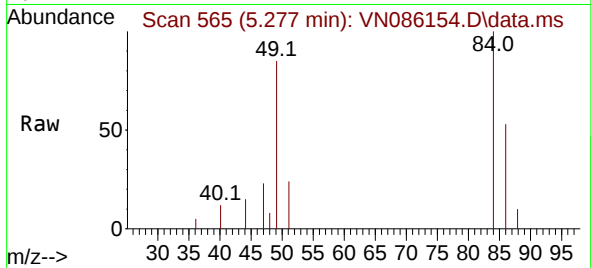




#20
Methylene Chloride
Concen: 3.880 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086154.D
Acq: 28 Mar 2025 16:42

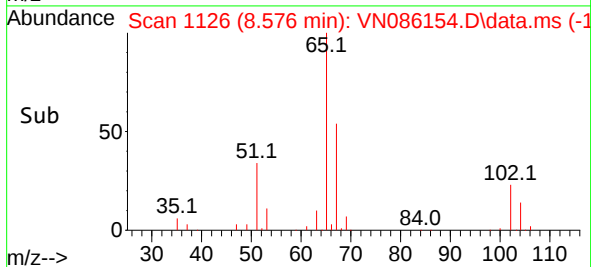
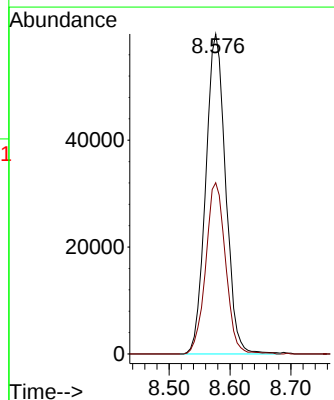
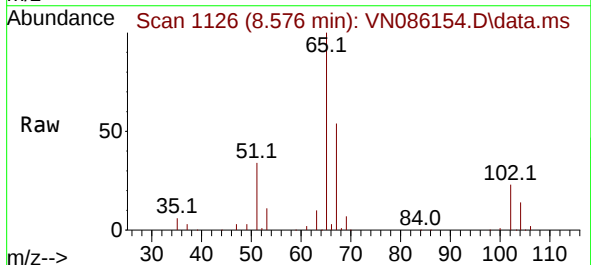
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-002-01

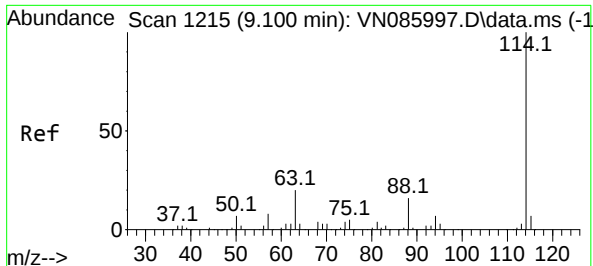
Tgt Ion: 84	Resp: 8310
Ion Ratio	Lower Upper
84 100	
49 85.0	83.3 124.9
51 24.5	24.8 37.2#
86 52.6	48.7 73.1



#33
1,2-Dichloroethane-d4
Concen: 56.801 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086154.D
Acq: 28 Mar 2025 16:42

Tgt Ion: 65	Resp: 136115
Ion Ratio	Lower Upper
65 100	
67 53.2	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: VN086154.D

Acq: 28 Mar 2025 16:42

Instrument :

MSVOA_N

ClientSampleId :

P001-BBDGA-002-01

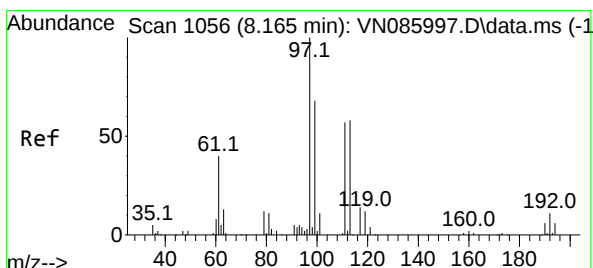
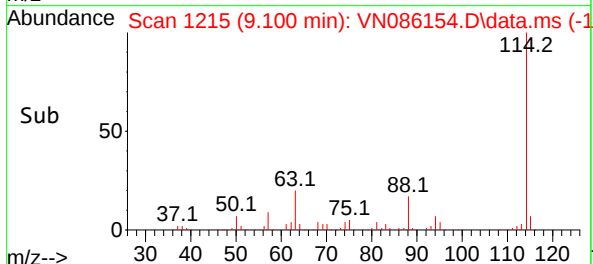
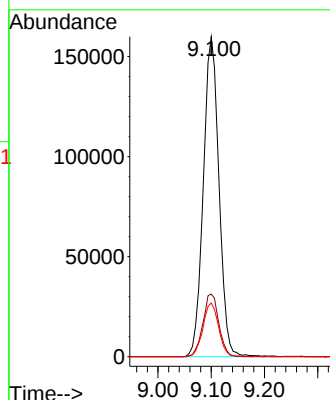
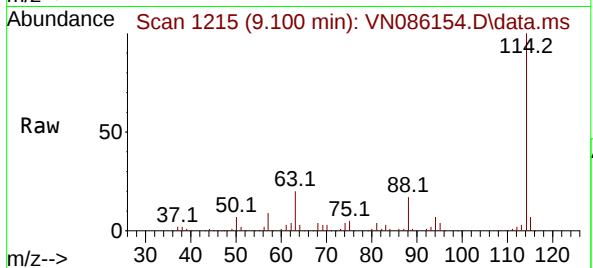
Tgt Ion:114 Resp: 326640

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 16.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.396 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086154.D

Acq: 28 Mar 2025 16:42

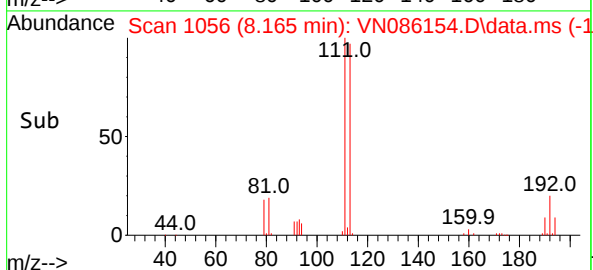
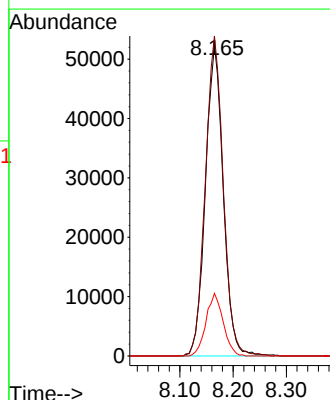
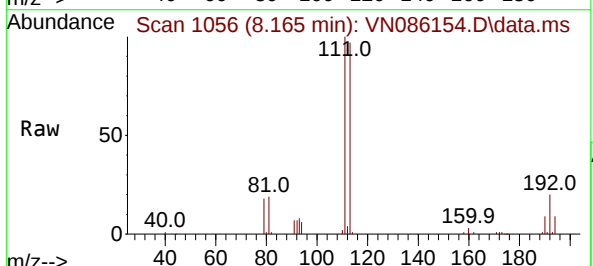
Tgt Ion:113 Resp: 121737

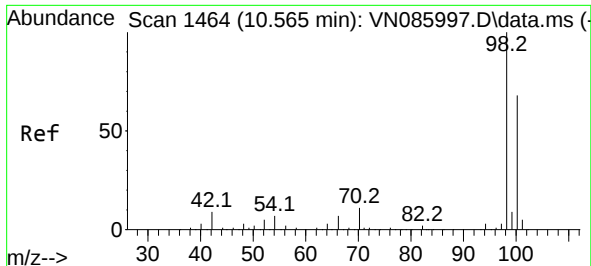
Ion Ratio Lower Upper

113 100

111 103.6 81.8 122.8

192 19.4 15.9 23.9

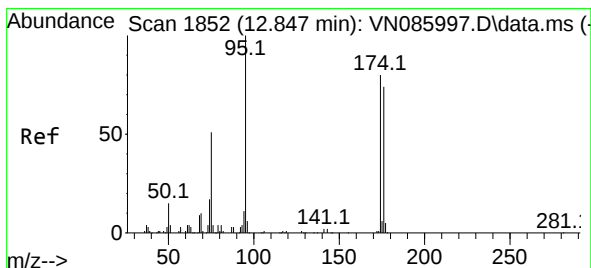
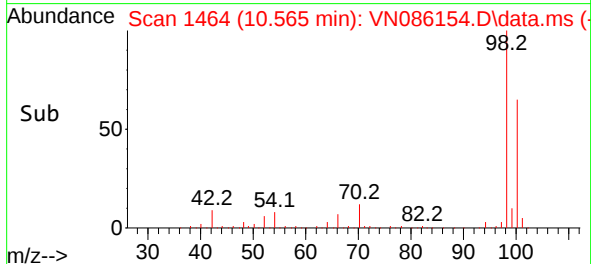
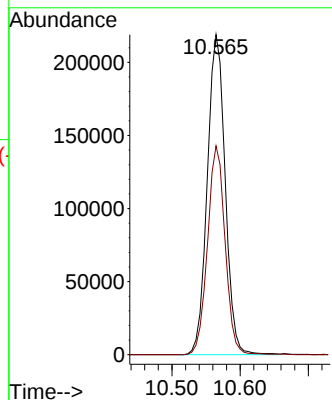
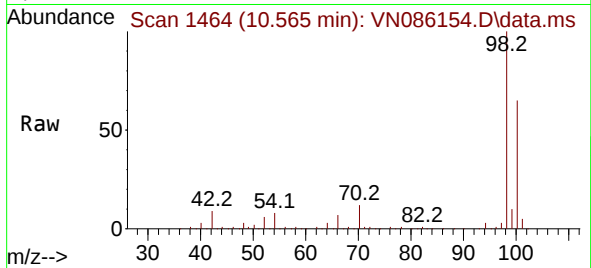




#50
Toluene-d8
Concen: 48.424 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086154.D
Acq: 28 Mar 2025 16:42

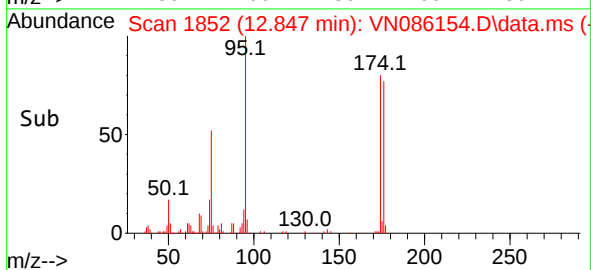
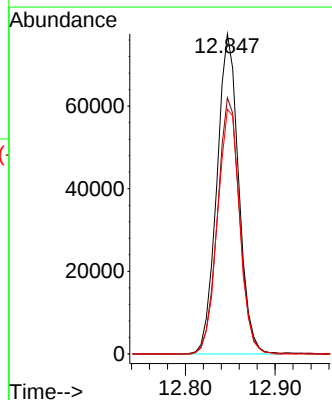
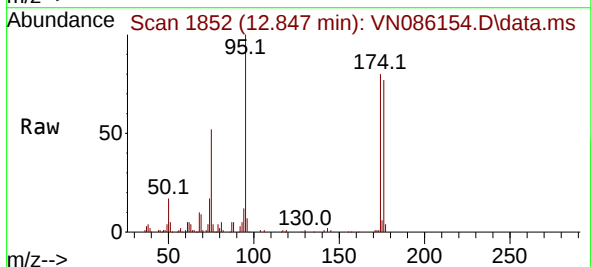
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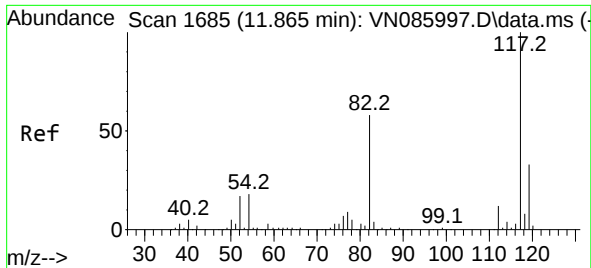
Tgt Ion: 98 Resp: 400682
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.320 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086154.D
Acq: 28 Mar 2025 16:42

Tgt Ion: 95 Resp: 130785
Ion Ratio Lower Upper
95 100
174 81.2 0.0 156.8
176 78.3 0.0 152.2

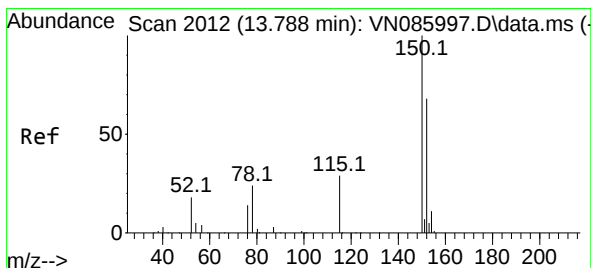
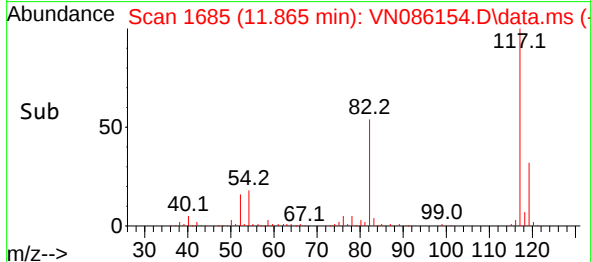
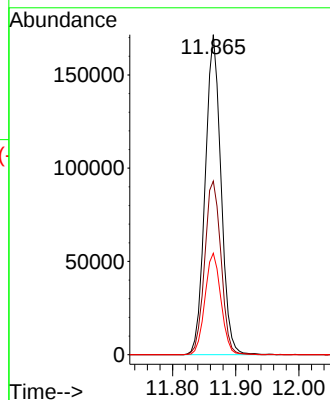
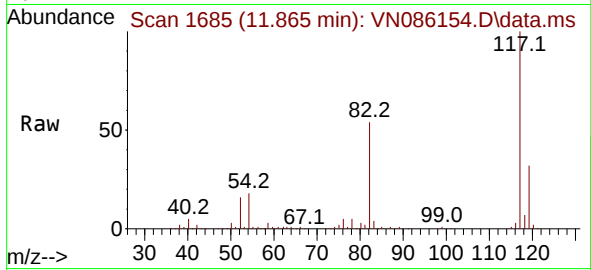




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086154.D
Acq: 28 Mar 2025 16:42

Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-002-01

Tgt Ion:117 Resp: 298386
Ion Ratio Lower Upper
117 100
82 54.3 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: VN086154.D
Acq: 28 Mar 2025 16:42

Tgt Ion:152 Resp: 126117
Ion Ratio Lower Upper
152 100
115 60.1 31.1 93.2
150 157.4 0.0 359.6

