

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032825\
 Data File : VN086155.D
 Acq On : 28 Mar 2025 17:06
 Operator : JC\MD
 Sample : Q1664-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-BBDGA-003-01

Quant Time: Mar 28 23:39:01 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)

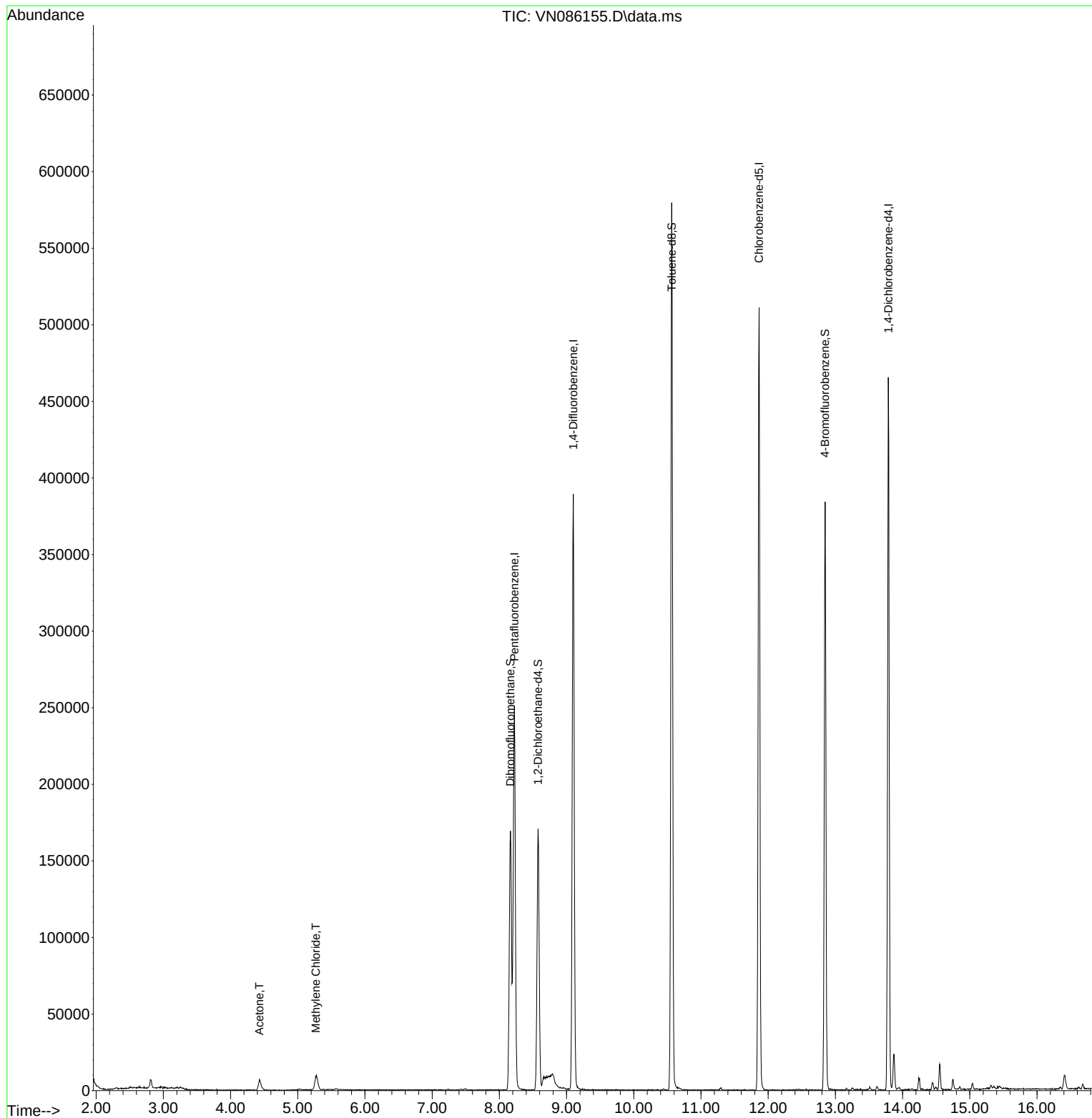
Internal Standards						
1) Pentafluorobenzene	8.224	168	180078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	340614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	305275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	139439	56.547	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.100%
35) Dibromofluoromethane	8.165	113	124066	52.185	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.360%
50) Toluene-d8	10.565	98	414603	48.051	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.100%
62) 4-Bromofluorobenzene	12.847	95	135528	44.043	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.080%
Target Compounds						
16) Acetone	4.430	43	12356	16.401	ug/l	96
20) Methylene Chloride	5.271	84	8183	3.713	ug/l	87

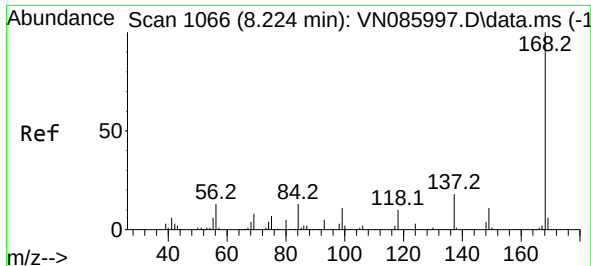
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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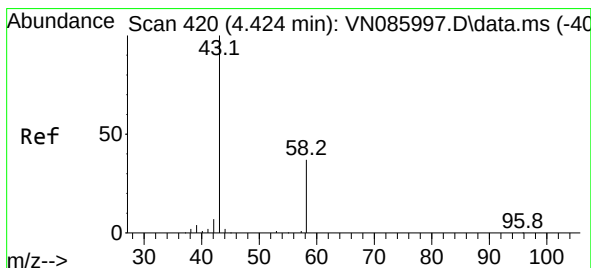
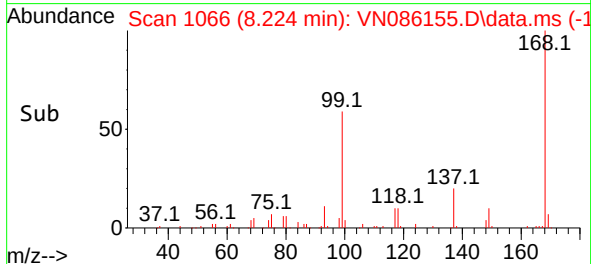
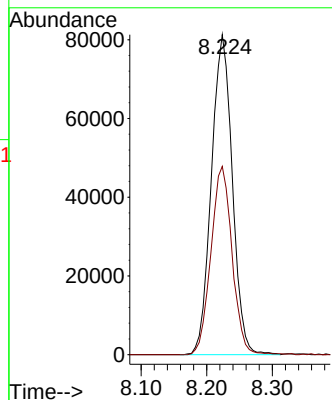
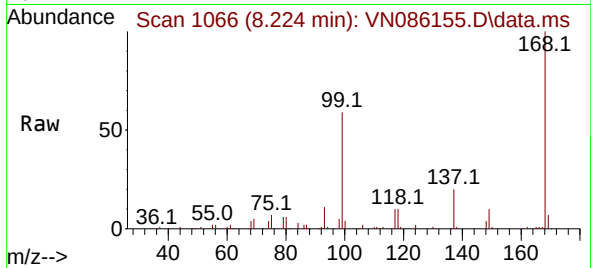




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086155.D
Acq: 28 Mar 2025 17:06

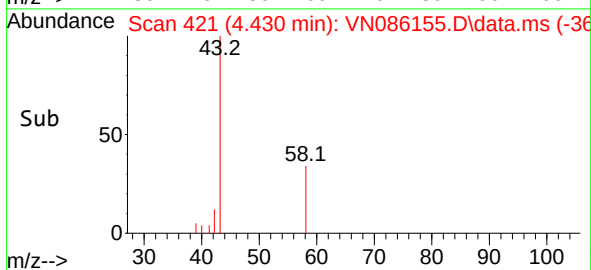
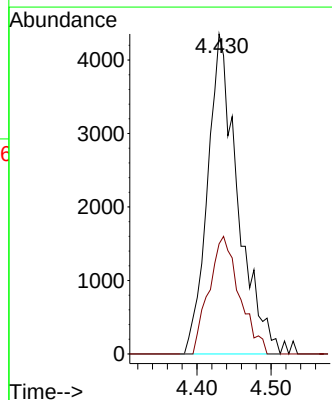
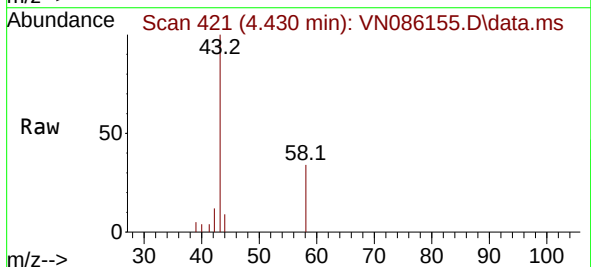
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-003-01

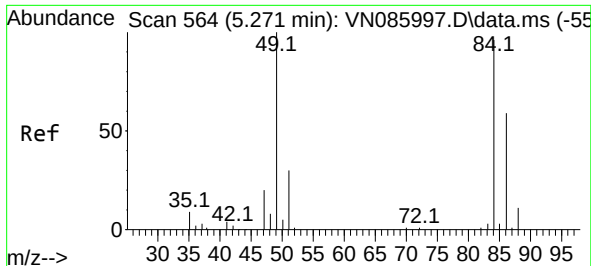
Tgt Ion:168 Resp: 180078
Ion Ratio Lower Upper
168 100
99 58.8 49.4 74.2



#16
Acetone
Concen: 16.401 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086155.D
Acq: 28 Mar 2025 17:06

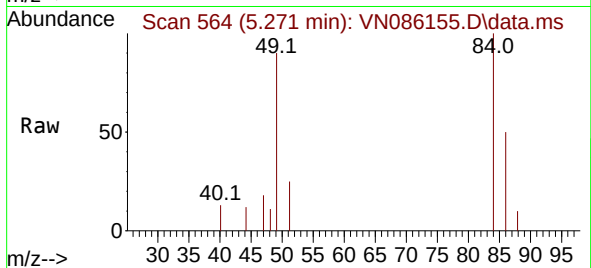
Tgt Ion: 43 Resp: 12356
Ion Ratio Lower Upper
43 100
58 34.4 29.4 44.2



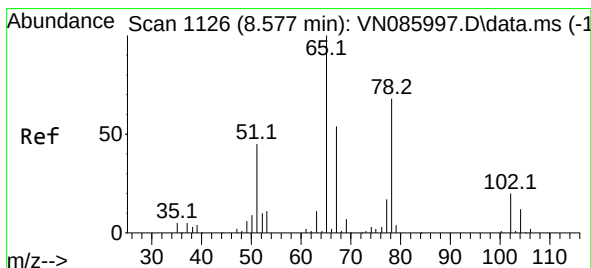
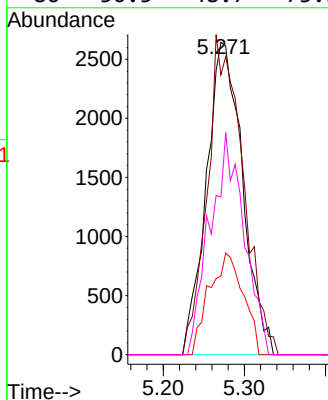
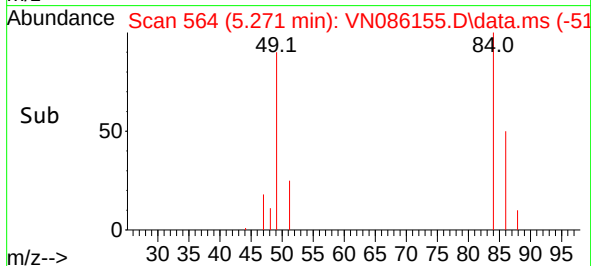


#20
Methylene Chloride
Concen: 3.713 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN086155.D
Acq: 28 Mar 2025 17:06

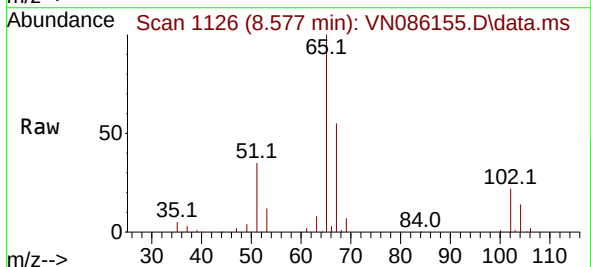
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-003-01



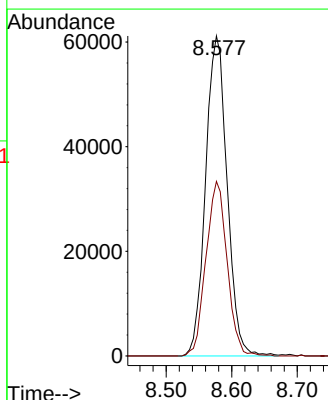
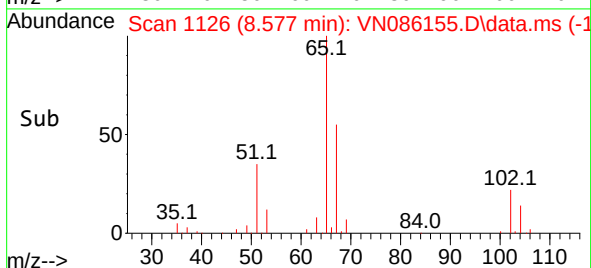
Tgt Ion: 84	Resp: 8183
Ion Ratio	Lower Upper
84 100	
49 89.6	83.3 124.9
51 25.2	24.8 37.2
86 50.5	48.7 73.1

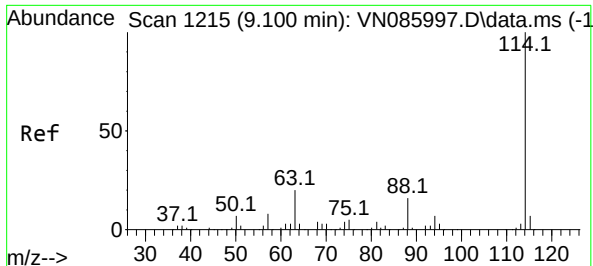


#33
1,2-Dichloroethane-d4
Concen: 56.547 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086155.D
Acq: 28 Mar 2025 17:06



Tgt Ion: 65	Resp: 139439
Ion Ratio	Lower Upper
65 100	
67 53.7	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: VN086155.D

Acq: 28 Mar 2025 17:06

Instrument :

MSVOA_N

ClientSampleId :

P001-BBDGA-003-01

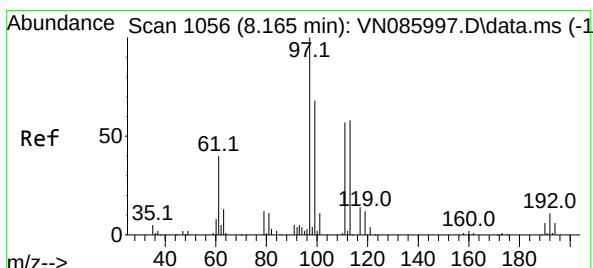
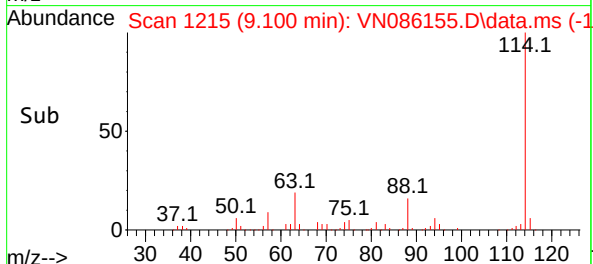
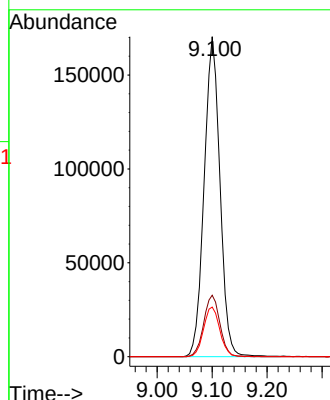
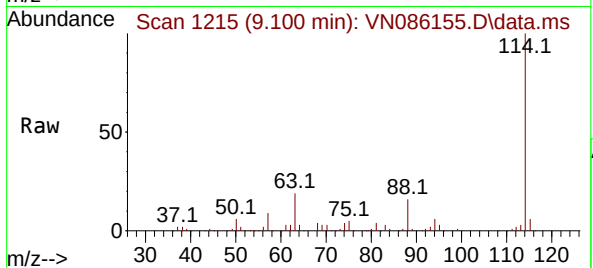
Tgt Ion:114 Resp: 340614

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.185 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086155.D

Acq: 28 Mar 2025 17:06

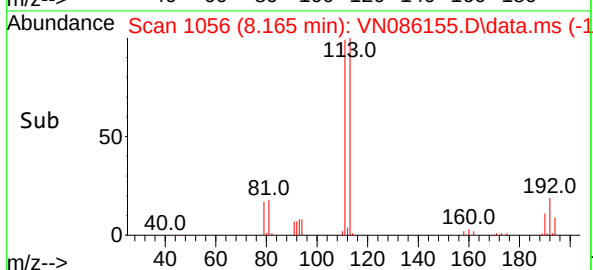
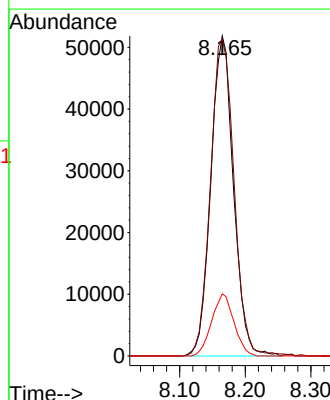
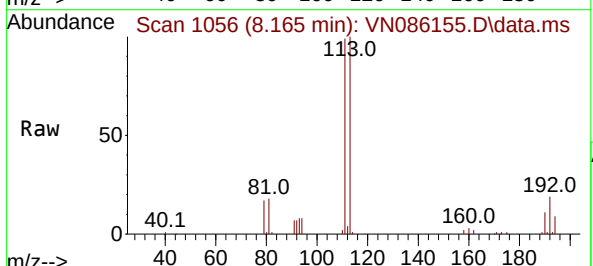
Tgt Ion:113 Resp: 124066

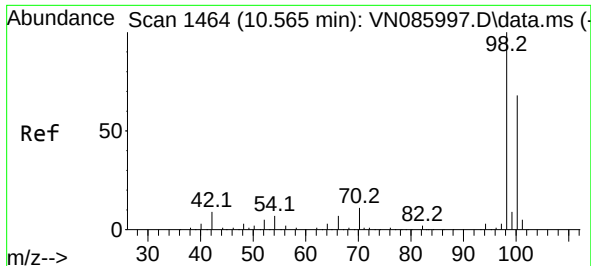
Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.8

192 19.0 15.9 23.9

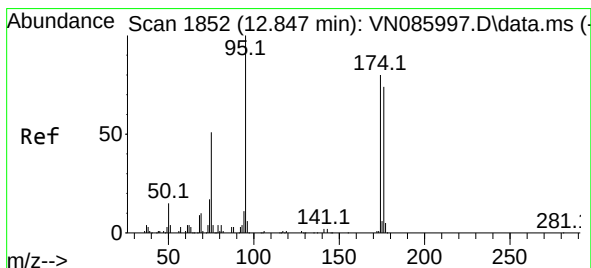
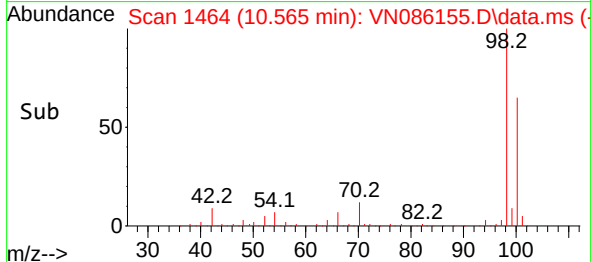
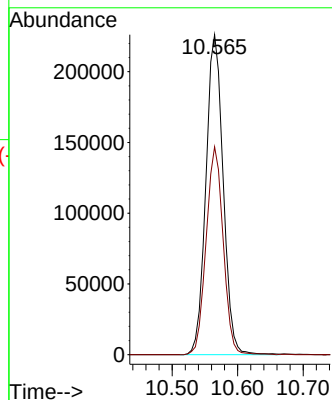
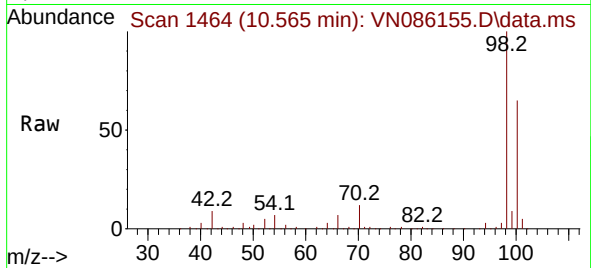




#50
Toluene-d8
Concen: 48.051 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086155.D
Acq: 28 Mar 2025 17:06

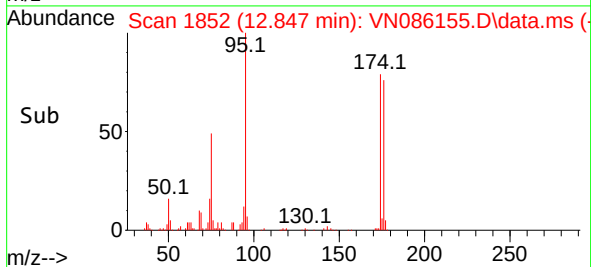
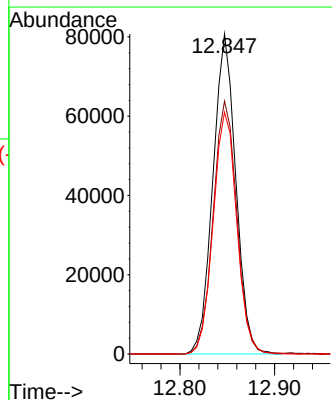
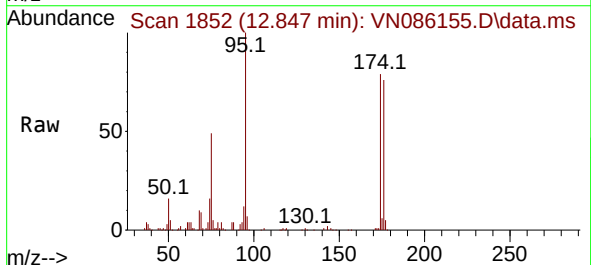
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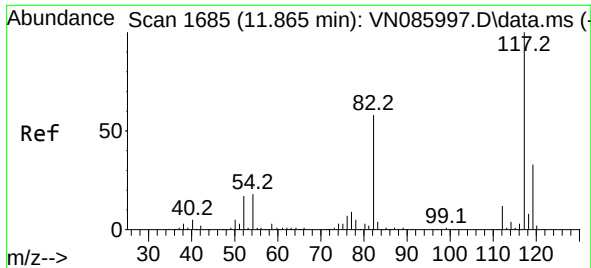
Tgt Ion: 98 Resp: 414603
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.043 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086155.D
Acq: 28 Mar 2025 17:06

Tgt Ion: 95 Resp: 135528
Ion Ratio Lower Upper
95 100
174 81.8 0.0 156.8
176 77.7 0.0 152.2

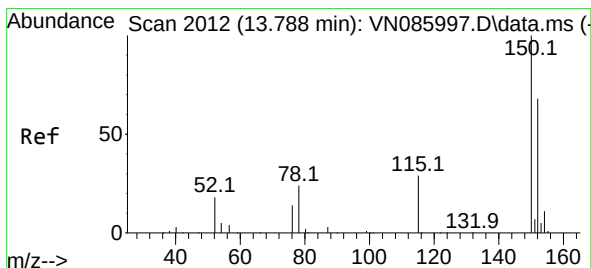
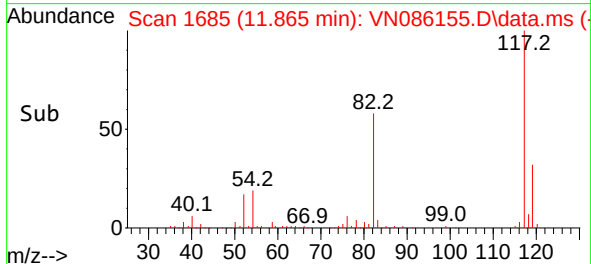
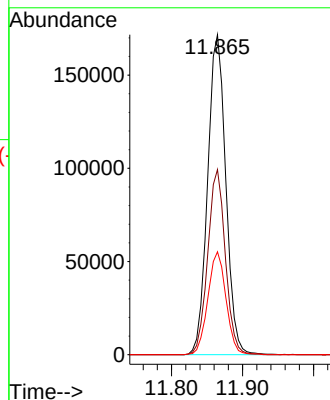
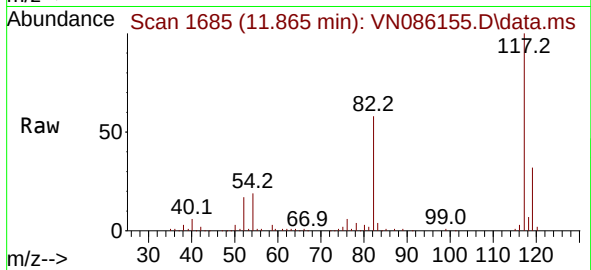




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086155.D
Acq: 28 Mar 2025 17:06

Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-003-01

Tgt Ion:117 Resp: 305275
Ion Ratio Lower Upper
117 100
82 57.9 46.7 70.1
119 32.1 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: VN086155.D
Acq: 28 Mar 2025 17:06

Tgt Ion:152 Resp: 129139
Ion Ratio Lower Upper
152 100
115 61.9 31.1 93.2
150 159.4 0.0 359.6

