

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032825\
 Data File : VN086162.D
 Acq On : 28 Mar 2025 19:54
 Operator : JC\MD
 Sample : Q1664-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-BBDGA-001-01

Quant Time: Mar 28 23:40:24 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)

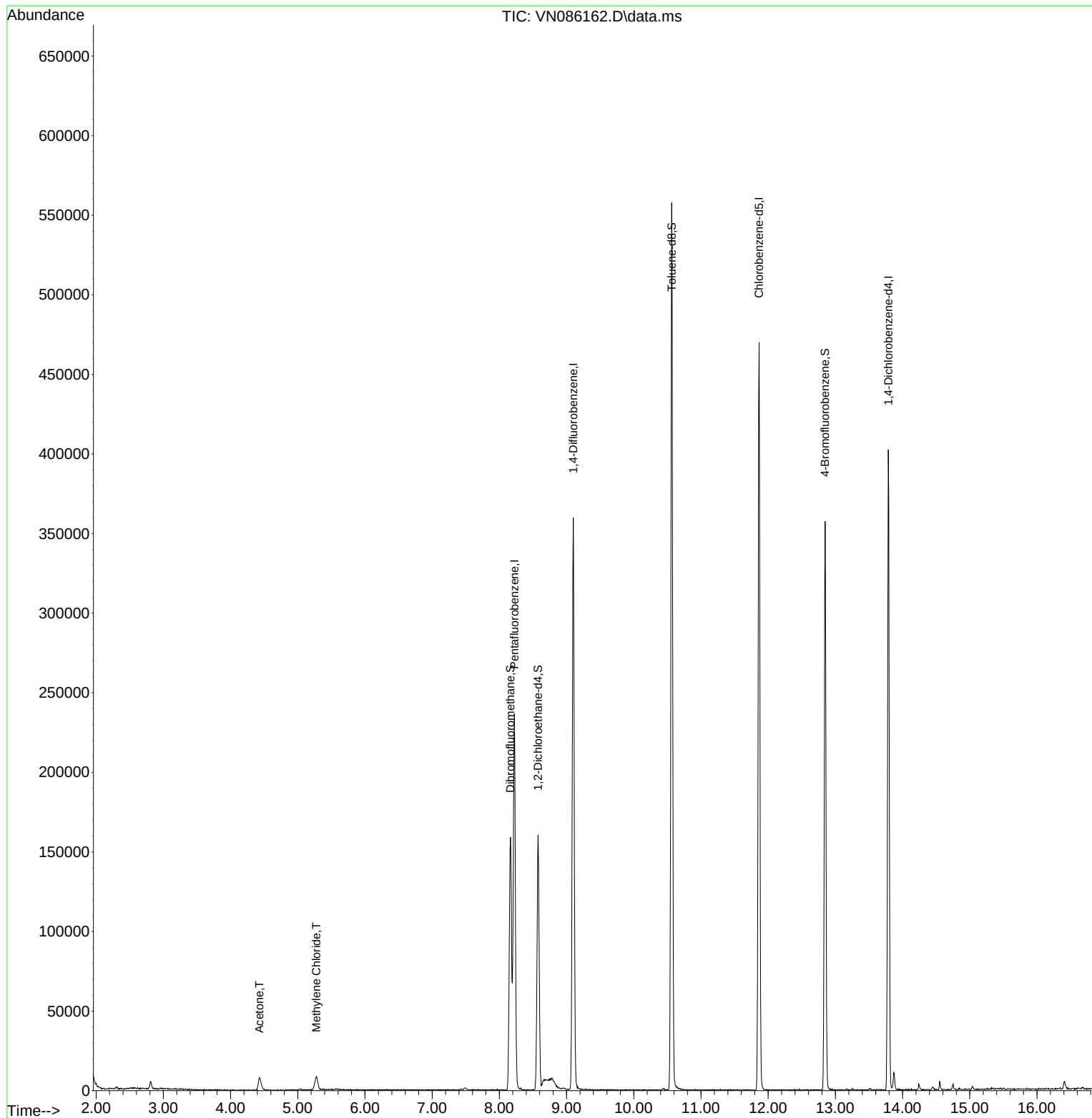
Internal Standards						
1) Pentafluorobenzene	8.224	168	168040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	312295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	285241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	115525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	132166	57.438	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.880%			
35) Dibromofluoromethane	8.165	113	116532	53.460	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.920%			
50) Toluene-d8	10.565	98	387699	49.007	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.020%			
62) 4-Bromofluorobenzene	12.847	95	126402	44.802	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 89.600%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	15994	22.751	ug/l	97
20) Methylene Chloride	5.277	84	7345	3.572	ug/l	95

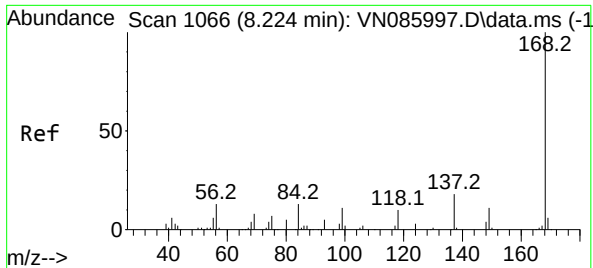
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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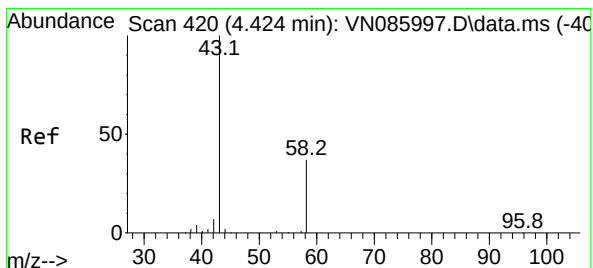
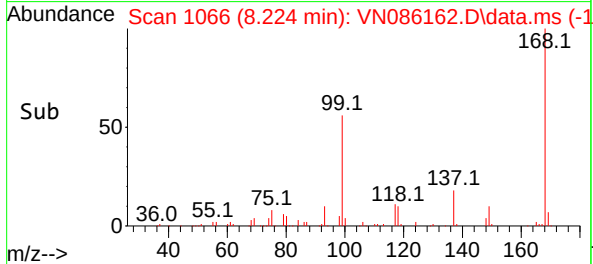
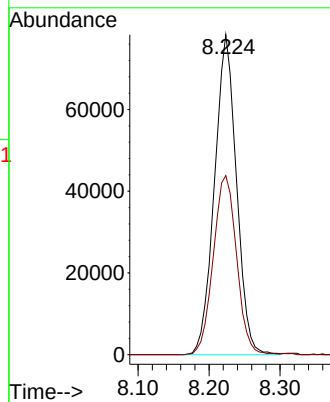
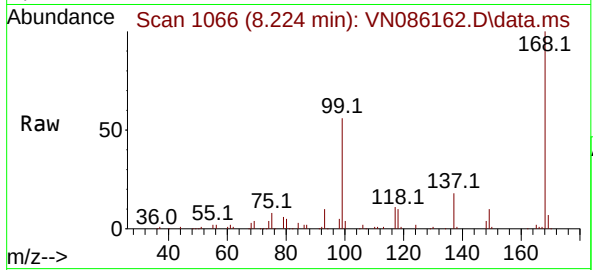




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086162.D
Acq: 28 Mar 2025 19:54

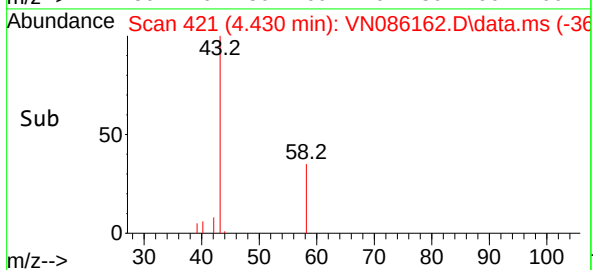
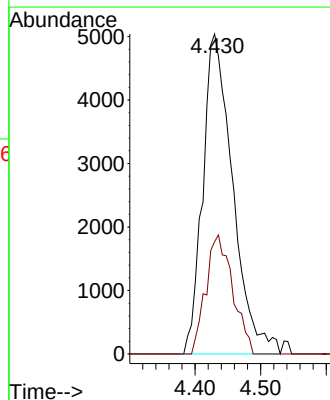
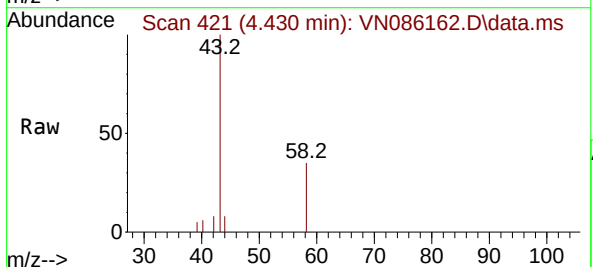
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01

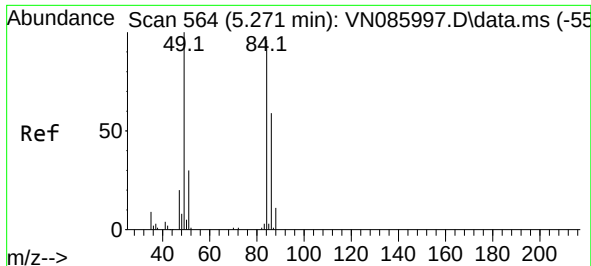
Tgt Ion:168 Resp: 168040
Ion Ratio Lower Upper
168 100
99 55.9 49.4 74.2



#16
Acetone
Concen: 22.751 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086162.D
Acq: 28 Mar 2025 19:54

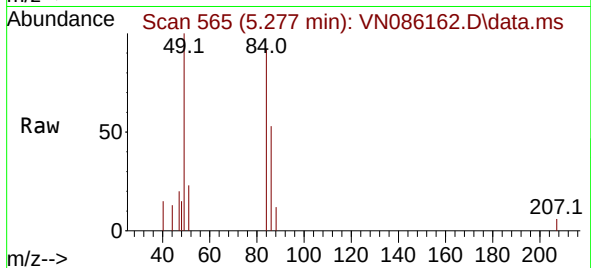
Tgt Ion: 43 Resp: 15994
Ion Ratio Lower Upper
43 100
58 35.1 29.4 44.2



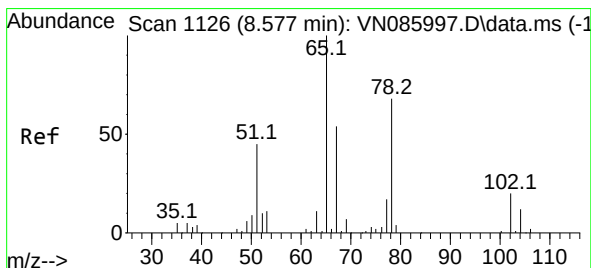
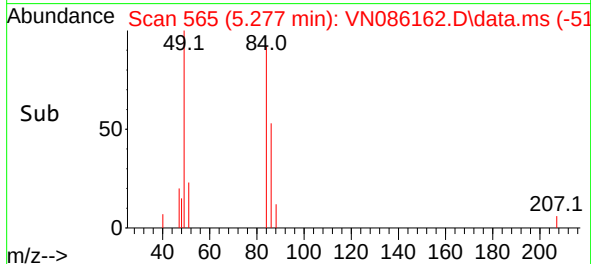
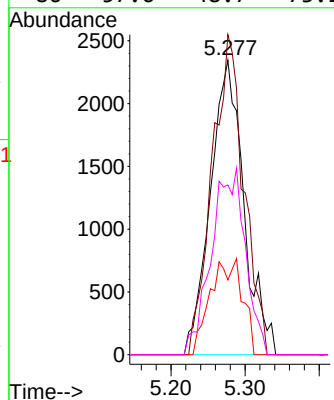


#20
Methylene Chloride
Concen: 3.572 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086162.D
Acq: 28 Mar 2025 19:54

Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01

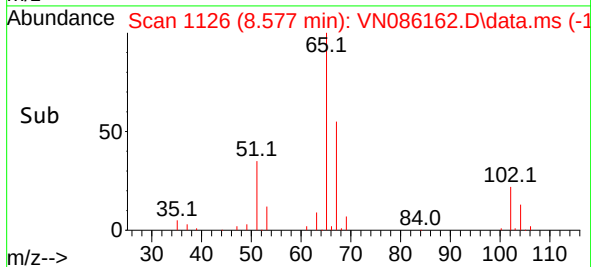
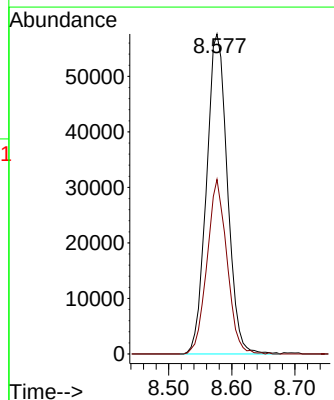
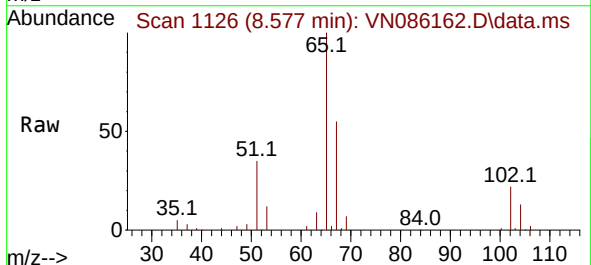


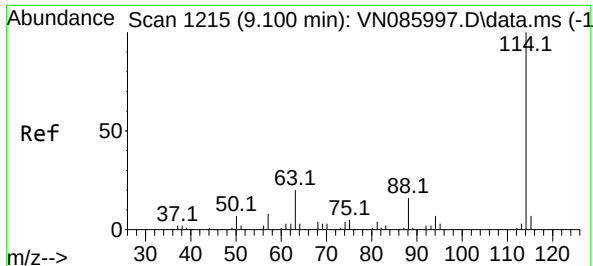
Tgt Ion: 84	Resp: 7345
Ion Ratio	Lower Upper
84 100	
49 108.6	83.3 124.9
51 25.4	24.8 37.2
86 57.6	48.7 73.1



#33
1,2-Dichloroethane-d4
Concen: 57.438 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086162.D
Acq: 28 Mar 2025 19:54

Tgt Ion: 65	Resp: 132166
Ion Ratio	Lower Upper
65 100	
67 52.1	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: VN086162.D

Acq: 28 Mar 2025 19:54

Instrument :

MSVOA_N

ClientSampleId :

P001-BBDGA-001-01

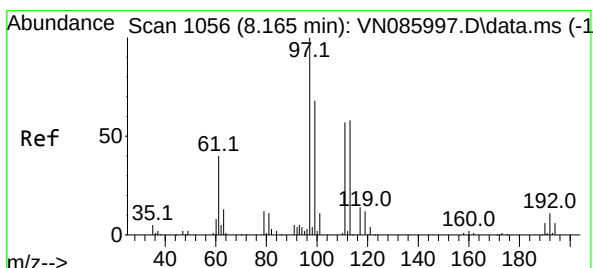
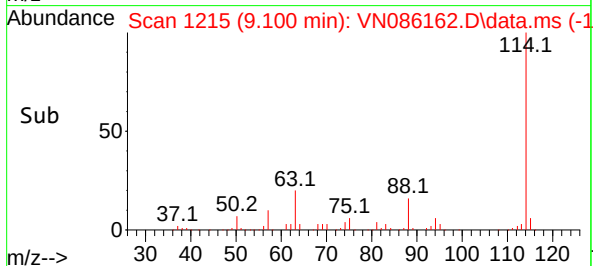
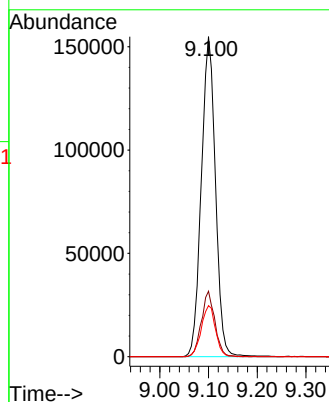
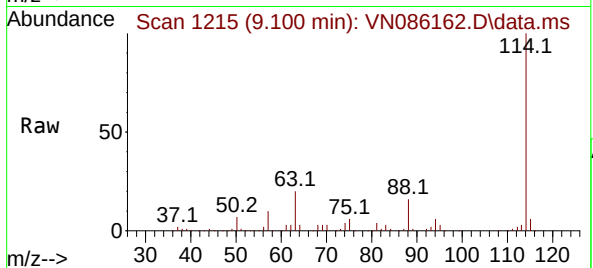
Tgt Ion:114 Resp: 312295

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.6

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.460 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086162.D

Acq: 28 Mar 2025 19:54

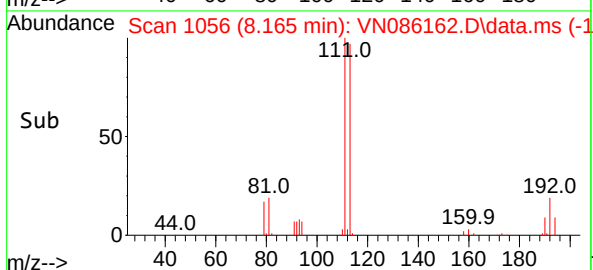
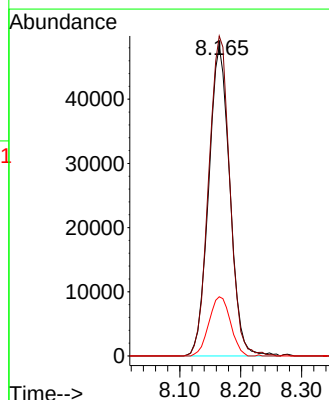
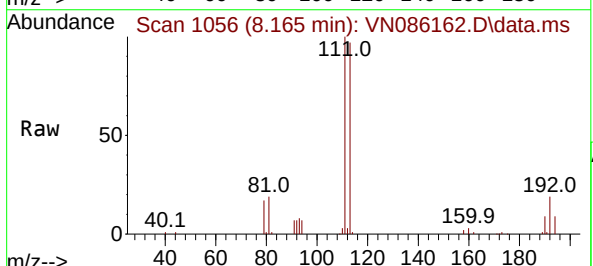
Tgt Ion:113 Resp: 116532

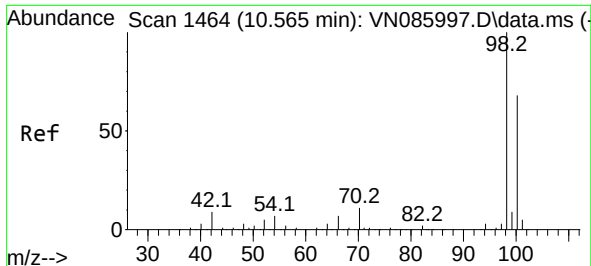
Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

192 19.4 15.9 23.9

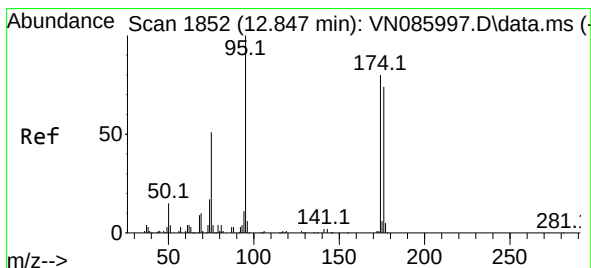
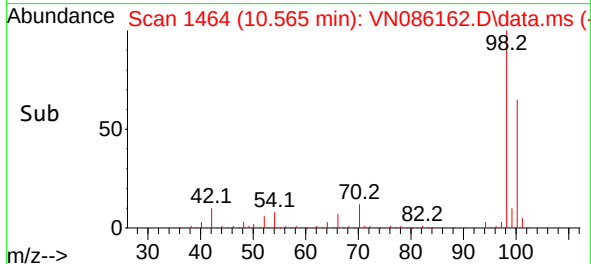
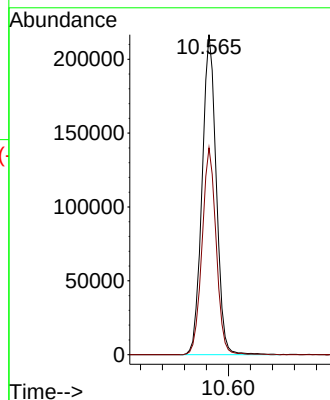
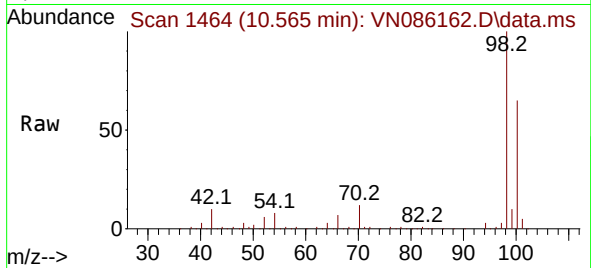




#50
Toluene-d8
Concen: 49.007 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086162.D
Acq: 28 Mar 2025 19:54

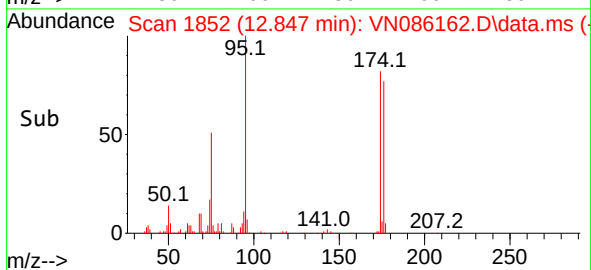
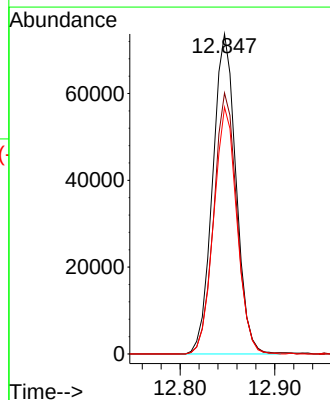
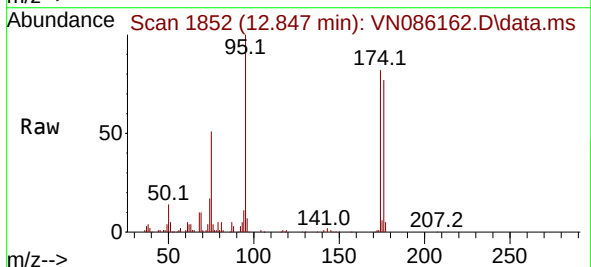
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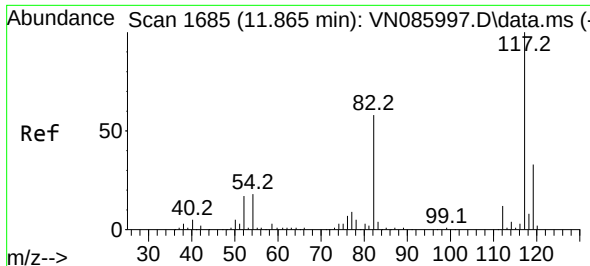
Tgt Ion: 98 Resp: 387699
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.802 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086162.D
Acq: 28 Mar 2025 19:54

Tgt Ion: 95 Resp: 126402
Ion Ratio Lower Upper
95 100
174 80.9 0.0 156.8
176 76.7 0.0 152.2

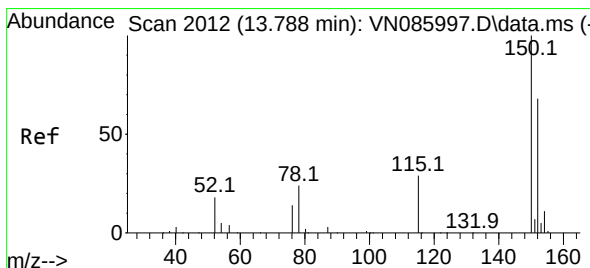
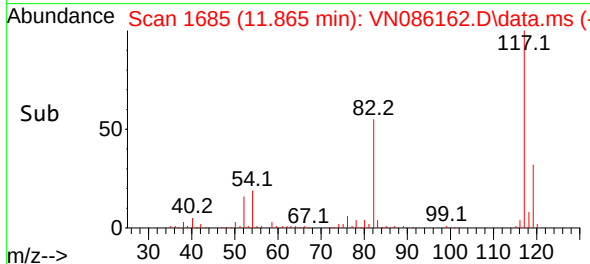
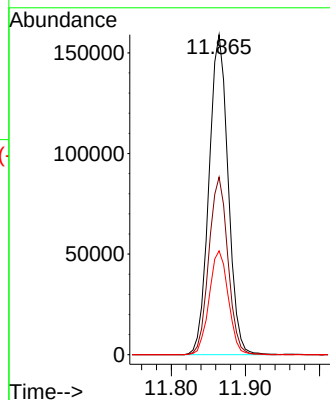
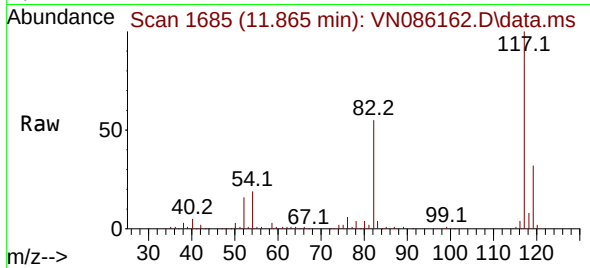




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086162.D
Acq: 28 Mar 2025 19:54

Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01

Tgt Ion:117 Resp: 285241
Ion Ratio Lower Upper
117 100
82 55.5 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: VN086162.D
Acq: 28 Mar 2025 19:54

Tgt Ion:152 Resp: 115525
Ion Ratio Lower Upper
152 100
115 59.7 31.1 93.2
150 156.9 0.0 359.6

