

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061625\
 Data File : VN087026.D
 Acq On : 16 Jun 2025 13:25
 Operator : JC\MD
 Sample : Q2299-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW10-MW01D-20250609

Quant Time: Jun 17 07:22:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

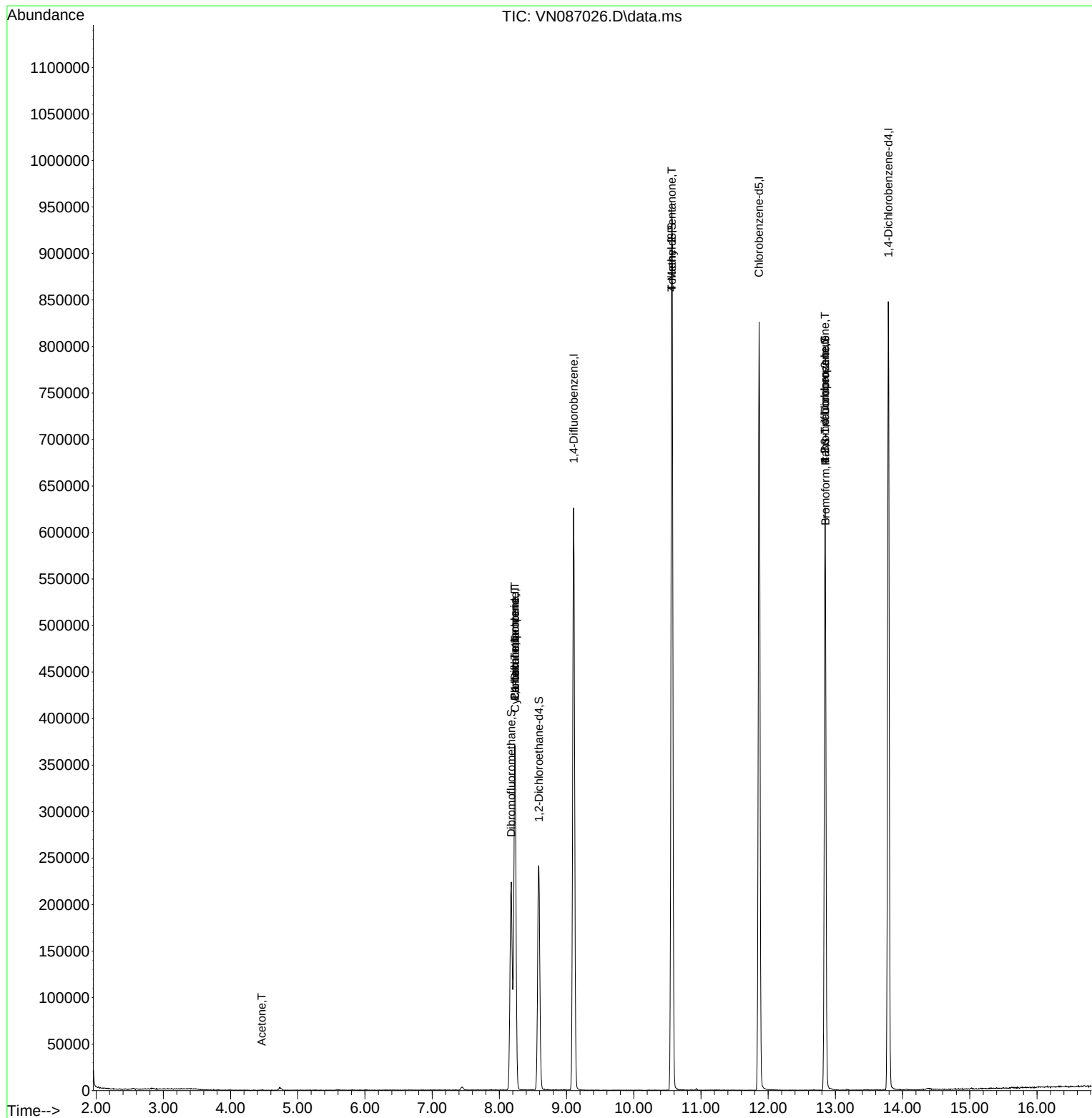
Internal Standards						
1) Pentafluorobenzene	8.230	168	291897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	581111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	515699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	249769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	201006	51.432	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.860%		
35) Dibromofluoromethane	8.177	113	173276	50.315	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.640%		
50) Toluene-d8	10.565	98	707134	51.869	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.740%		
62) 4-Bromofluorobenzene	12.847	95	252664	49.883	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 99.760%		
Target Compounds						
					Qvalue	
16) Acetone	4.465	43	681	0.329	ug/l #	40
31) Cyclohexane	8.236	56	5278	0.833	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	21883	4.264	ug/l #	48
38) Carbon Tetrachloride	8.230	117	28811	5.719	ug/l #	17
51) 4-Methyl-2-Pentanone	10.565	43	2235	0.354	ug/l #	1
71) Bromoform	12.853	173	1390	0.513	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	116284	19.586	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	116284	45.086	ug/l #	16

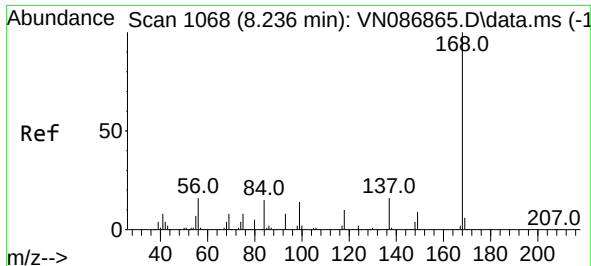
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

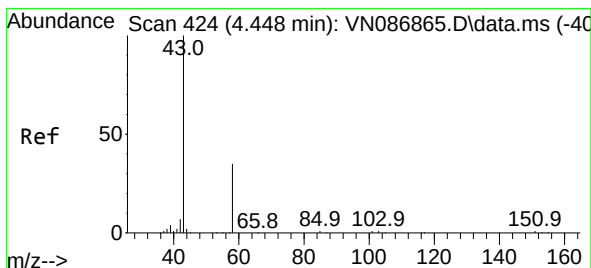
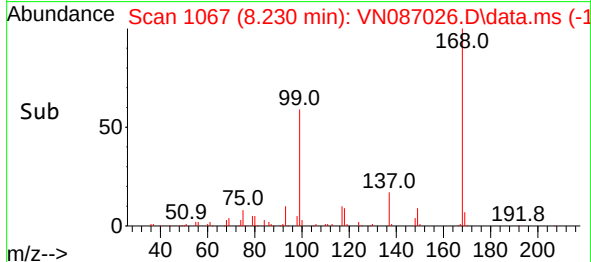
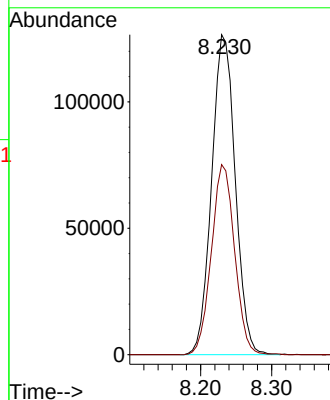
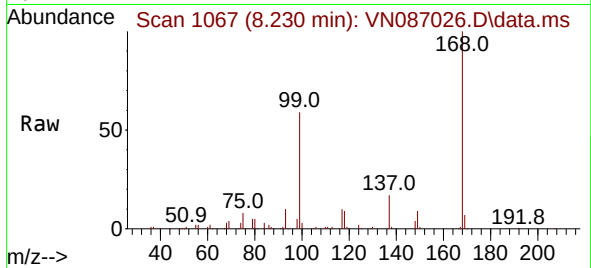




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087026.D
Acq: 16 Jun 2025 13:25

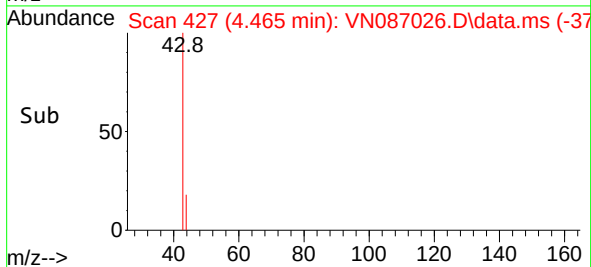
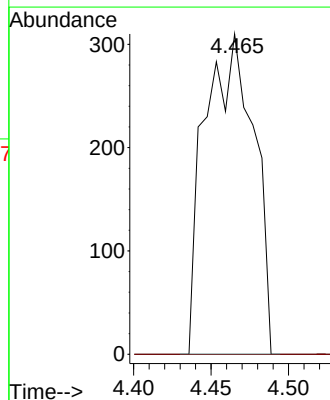
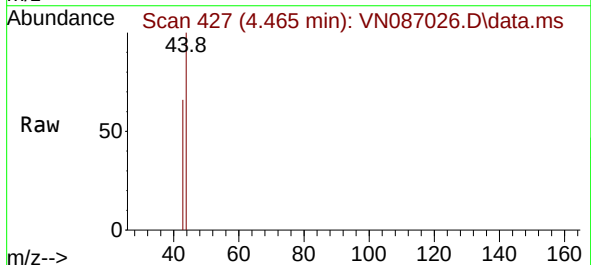
Instrument :
MSVOA_N
ClientSampleId :
RW10-MW01D-20250609

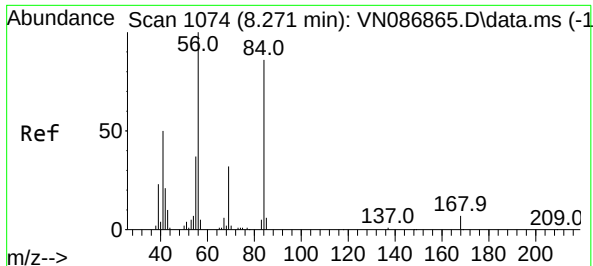
Tgt Ion:168 Resp: 291897
Ion Ratio Lower Upper
168 100
99 59.4 49.1 73.7



#16
Acetone
Concen: 0.329 ug/l
RT: 4.465 min Scan# 427
Delta R.T. 0.018 min
Lab File: VN087026.D
Acq: 16 Jun 2025 13:25

Tgt Ion: 43 Resp: 681
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

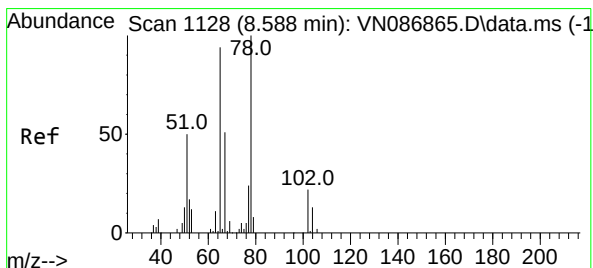
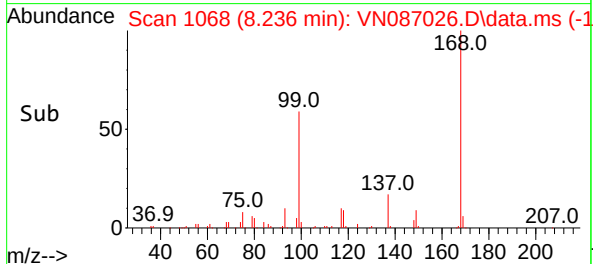
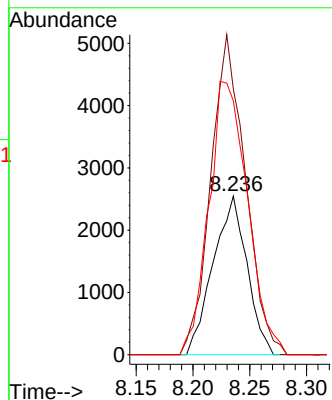
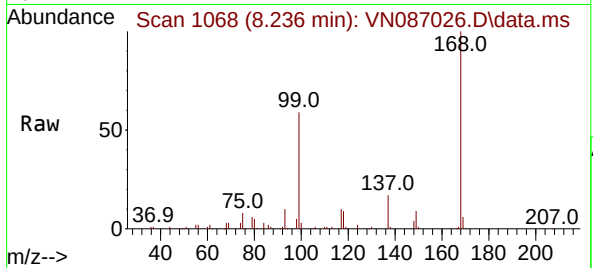




#31
Cyclohexane
Concen: 0.833 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.035 min
Lab File: VN087026.D
Acq: 16 Jun 2025 13:25

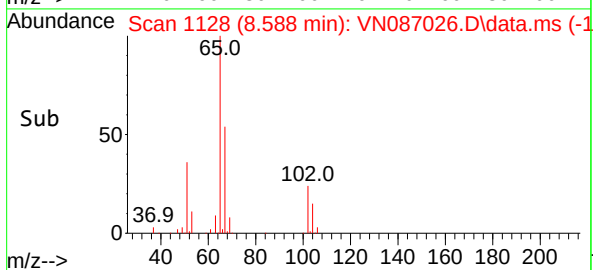
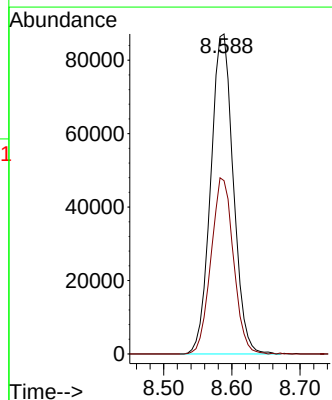
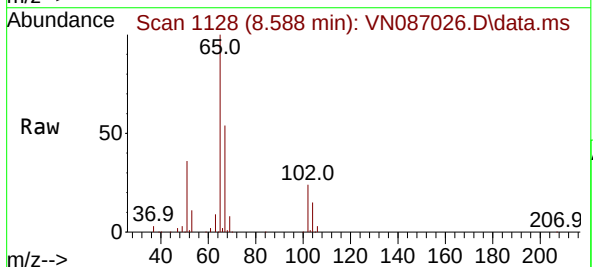
Instrument :
MSVOA_N
ClientSampleId :
RW10-MW01D-20250609

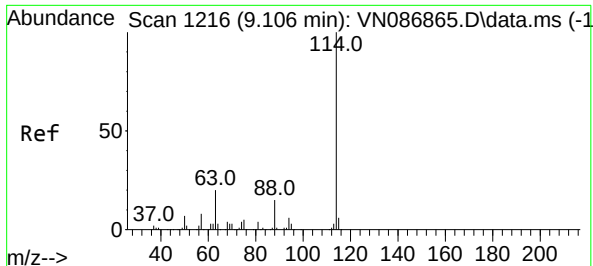
Tgt Ion: 56 Resp: 5278
Ion Ratio Lower Upper
56 100
69 167.6 25.4 38.0#
84 160.1 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 51.432 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087026.D
Acq: 16 Jun 2025 13:25

Tgt Ion: 65 Resp: 201006
Ion Ratio Lower Upper
65 100
67 54.7 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087026.D

Acq: 16 Jun 2025 13:25

Instrument :

MSVOA_N

ClientSampleId :

RW10-MW01D-20250609

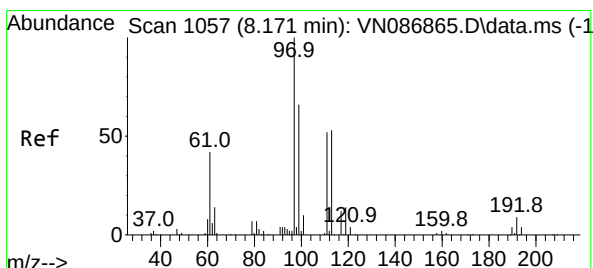
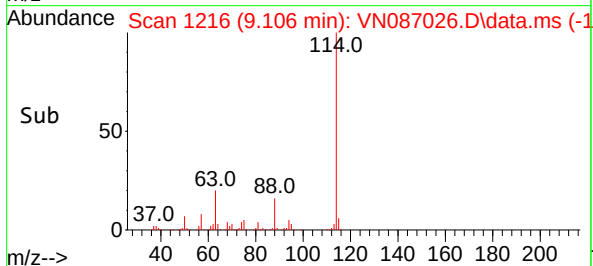
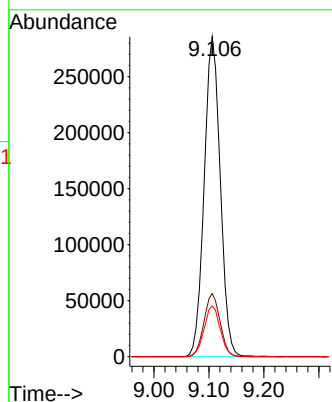
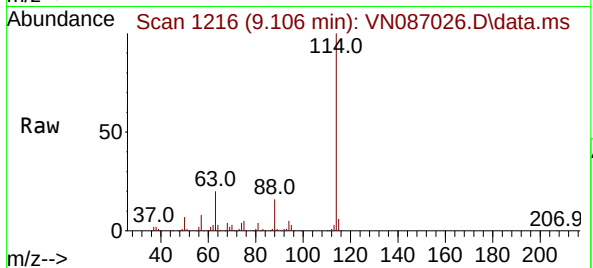
Tgt Ion:114 Resp: 581111

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

88 15.8 0.0 30.2



#35

Dibromofluoromethane

Concen: 50.315 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN087026.D

Acq: 16 Jun 2025 13:25

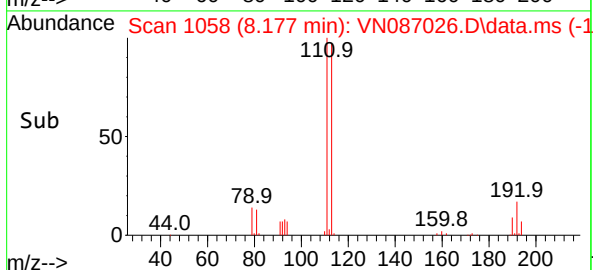
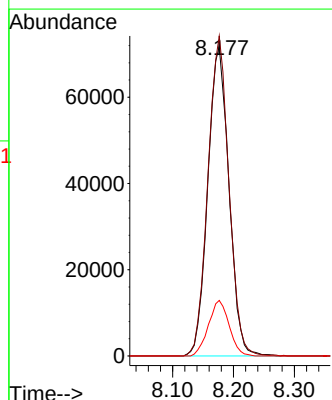
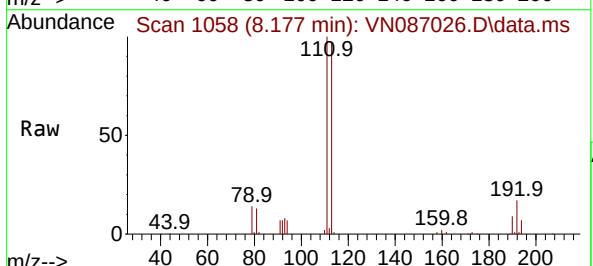
Tgt Ion:113 Resp: 173276

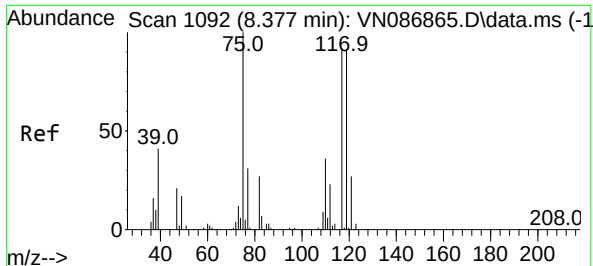
Ion Ratio Lower Upper

113 100

111 102.7 84.2 126.2

192 17.6 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.264 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN087026.D

Acq: 16 Jun 2025 13:25

Instrument :

MSVOA_N

ClientSampleId :

RW10-MW01D-20250609

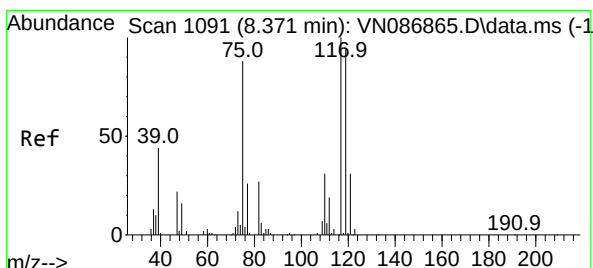
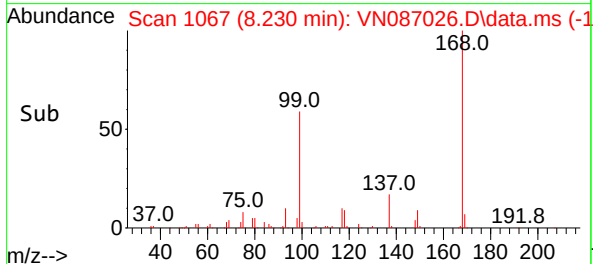
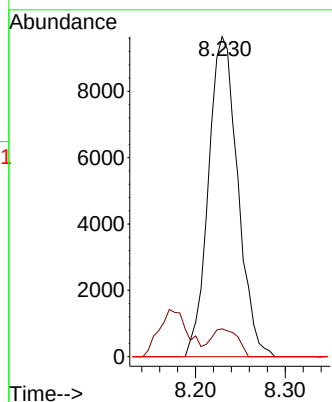
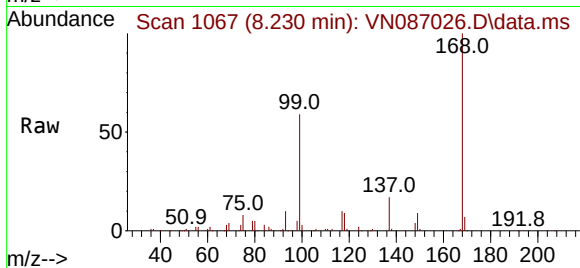
Tgt Ion: 75 Resp: 21883

Ion Ratio Lower Upper

75 100

110 8.0 17.6 52.9#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.719 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN087026.D

Acq: 16 Jun 2025 13:25

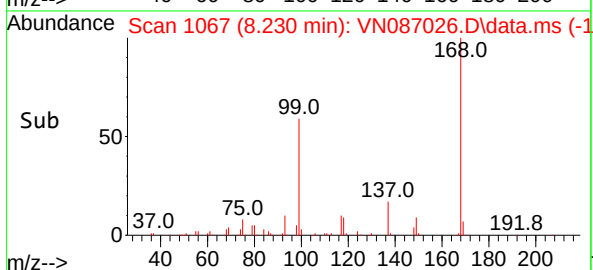
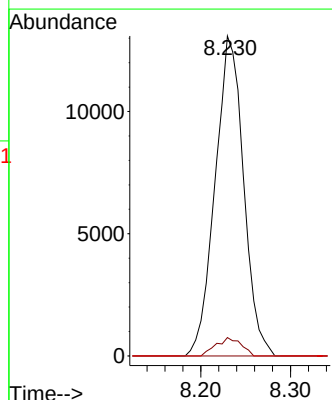
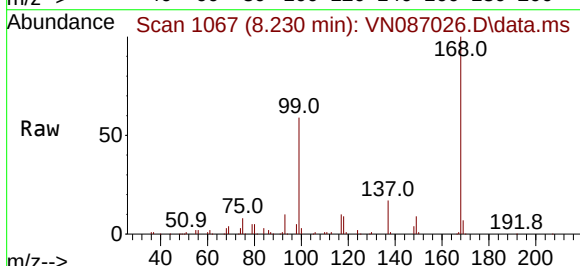
Tgt Ion: 117 Resp: 28811

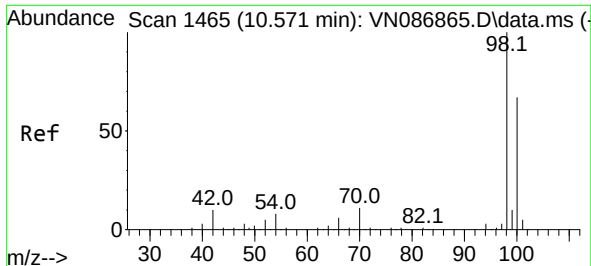
Ion Ratio Lower Upper

117 100

119 5.7 75.0 112.6#

121 0.0 24.9 37.3#

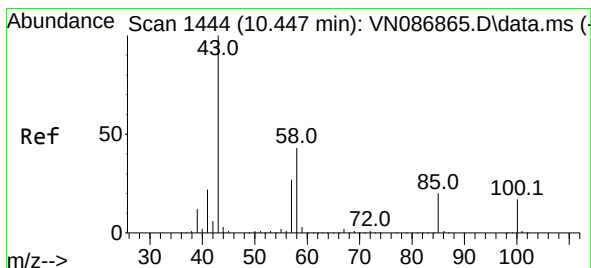
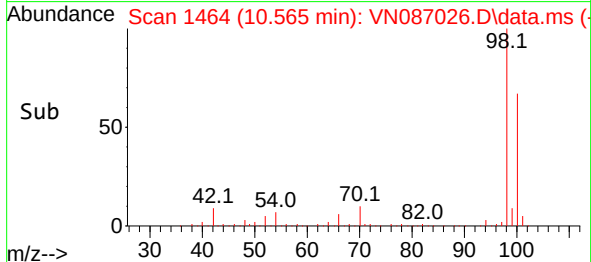
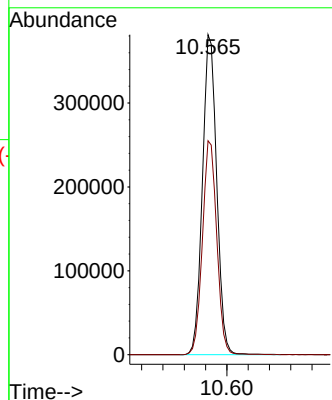
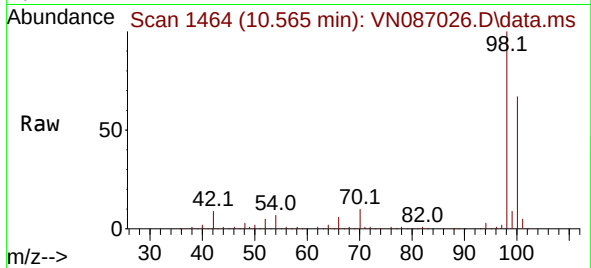




#50
Toluene-d8
Concen: 51.869 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087026.D
Acq: 16 Jun 2025 13:25

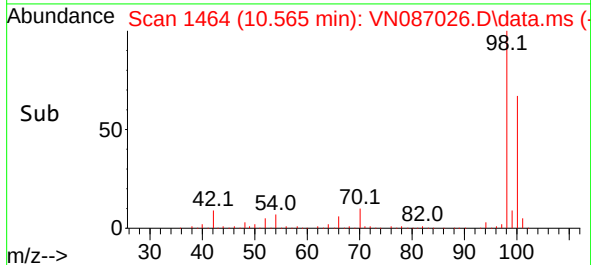
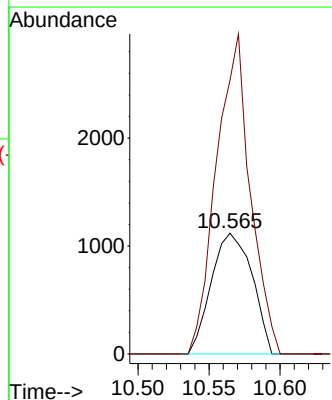
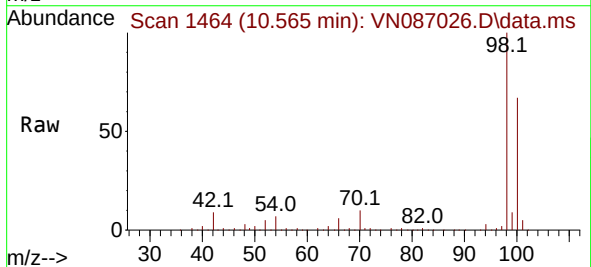
Instrument :
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ClientSampleId :
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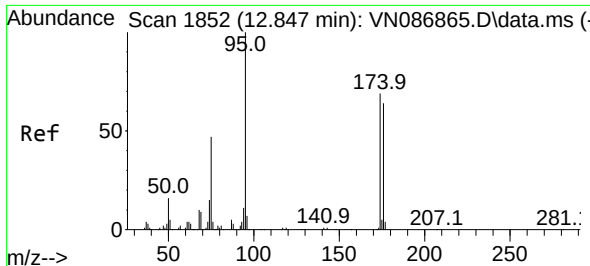
Tgt Ion: 98 Resp: 707134
Ion Ratio Lower Upper
98 100
100 67.2 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.354 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN087026.D
Acq: 16 Jun 2025 13:25

Tgt Ion: 43 Resp: 2235
Ion Ratio Lower Upper
43 100
58 220.4 34.2 51.4#

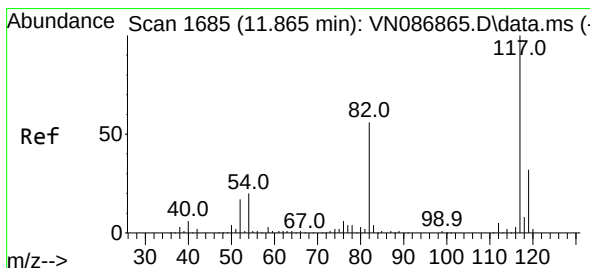
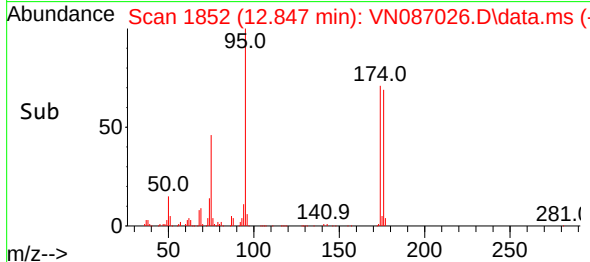
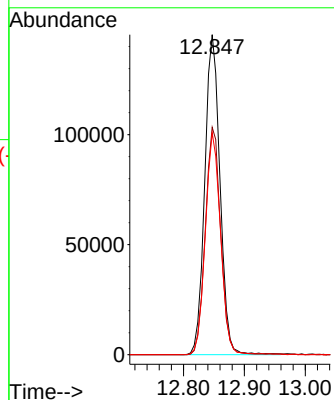
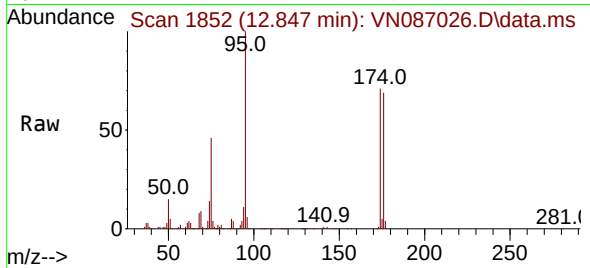




#62
4-Bromofluorobenzene
Concen: 49.883 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087026.D
Acq: 16 Jun 2025 13:25

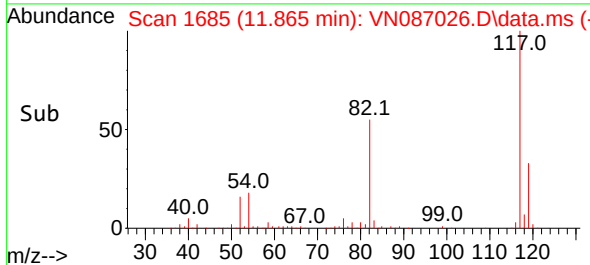
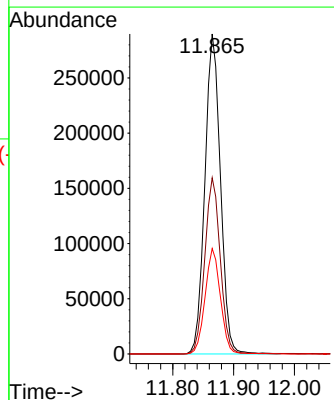
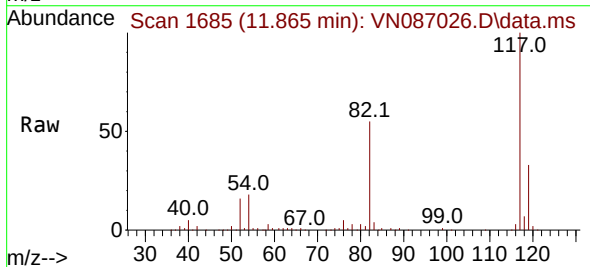
Instrument :
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ClientSampleId :
RW10-MW01D-20250609

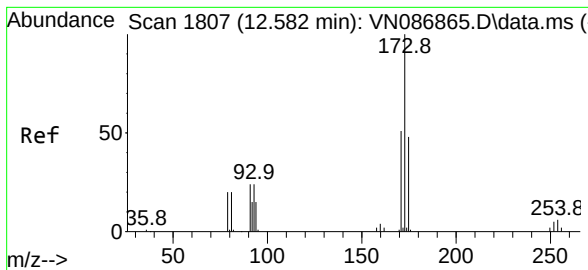
Tgt Ion: 95 Resp: 252664
Ion Ratio Lower Upper
95 100
174 71.7 0.0 141.8
176 69.3 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087026.D
Acq: 16 Jun 2025 13:25

Tgt Ion: 117 Resp: 515699
Ion Ratio Lower Upper
117 100
82 55.1 44.6 67.0
119 32.9 25.5 38.3





#71

Bromoform

Concen: 0.513 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.270 min

Lab File: VN087026.D

Acq: 16 Jun 2025 13:25

Instrument :

MSVOA_N

ClientSampleId :

RW10-MW01D-20250609

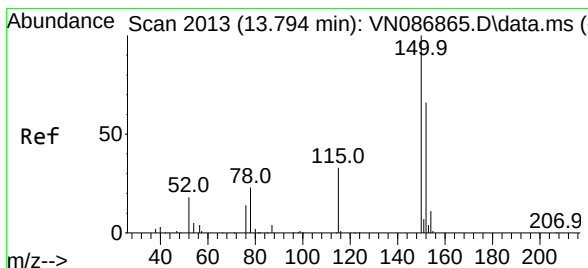
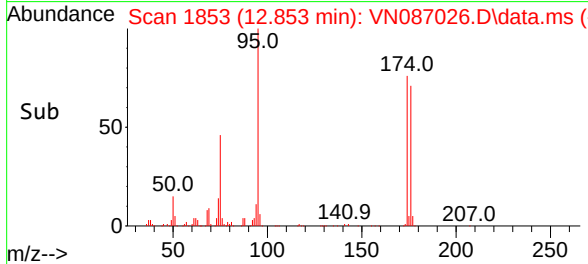
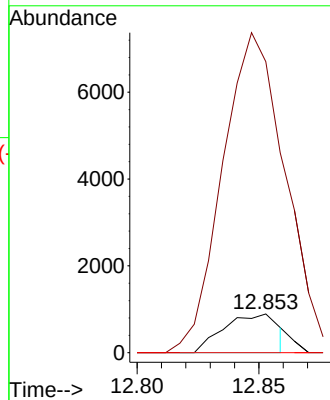
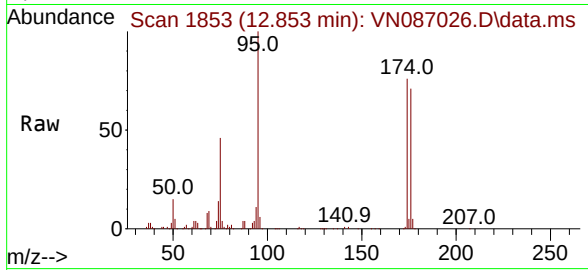
Tgt Ion:173 Resp: 1390

Ion Ratio Lower Upper

173 100

175 820.7 24.1 72.4#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.006 min

Lab File: VN087026.D

Acq: 16 Jun 2025 13:25

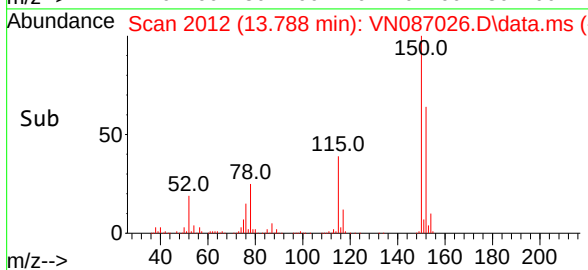
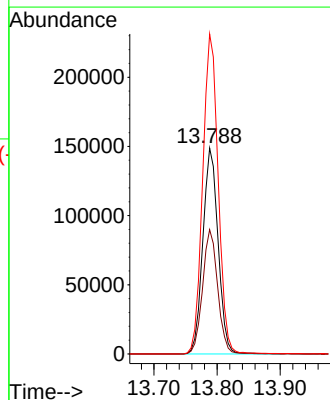
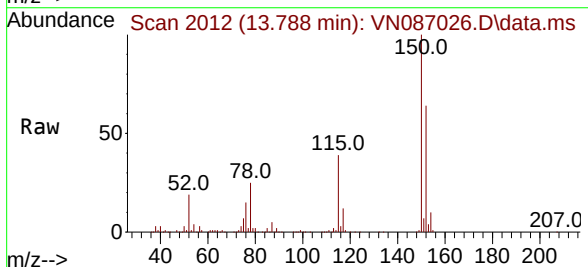
Tgt Ion:152 Resp: 249769

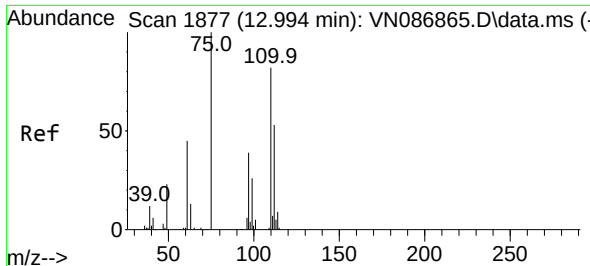
Ion Ratio Lower Upper

152 100

115 59.8 30.1 90.5

150 157.9 0.0 345.0

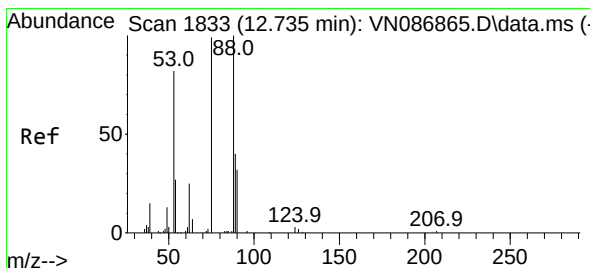
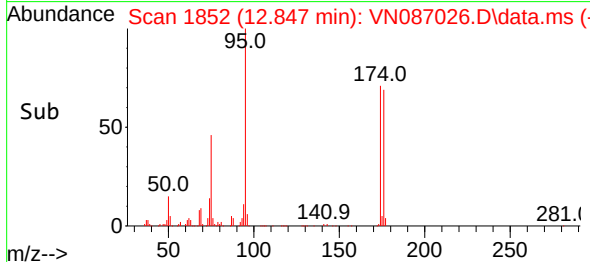
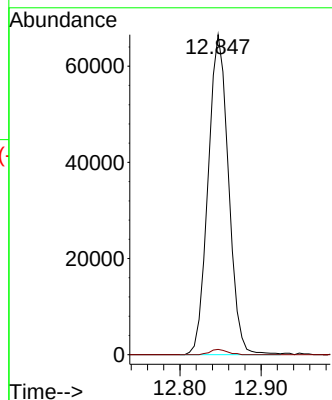
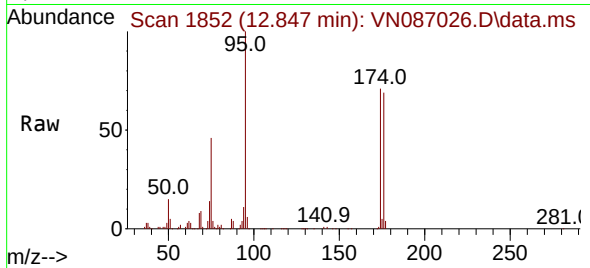




#76
1,2,3-Trichloropropane
Concen: 19.586 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN087026.D
Acq: 16 Jun 2025 13:25

Instrument :
MSVOA_N
ClientSampleId :
RW10-MW01D-20250609

Tgt Ion: 75 Resp: 116284
Ion Ratio Lower Upper
75 100
77 1.4 79.3 237.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 45.086 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN087026.D
Acq: 16 Jun 2025 13:25

Tgt Ion: 75 Resp: 116284
Ion Ratio Lower Upper
75 100
53 0.0 66.6 99.8#
89 0.0 36.7 55.1#

