

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060925\
 Data File : VN086890.D
 Acq On : 09 Jun 2025 09:33
 Operator : JC\MD
 Sample : VN0609WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 10 03:28:34 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)

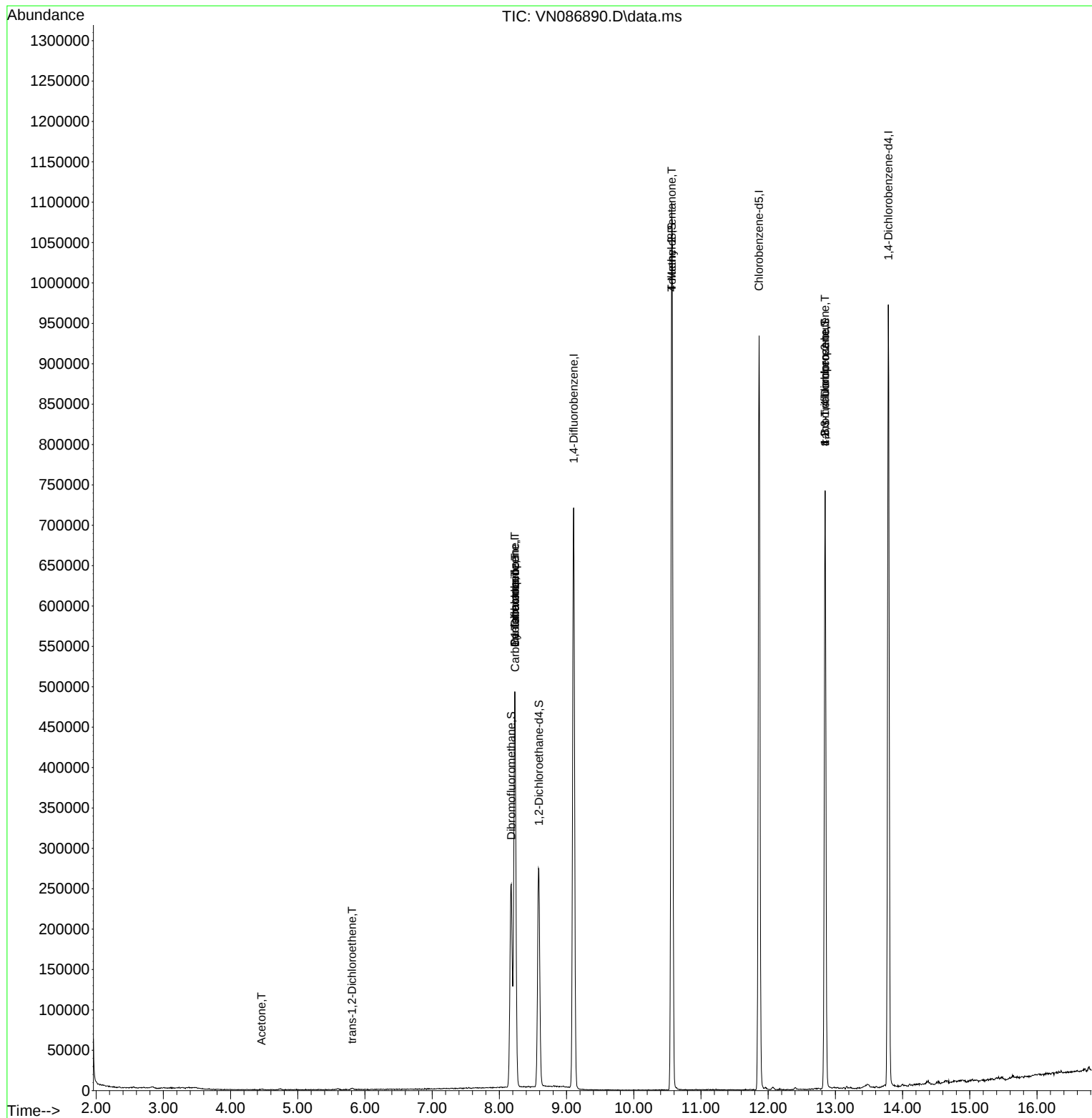
Internal Standards						
1) Pentafluorobenzene	8.229	168	390256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	684606	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	591728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	288224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	223703	42.813	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.620%
35) Dibromofluoromethane	8.177	113	194994	48.062	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.120%
50) Toluene-d8	10.565	98	814952	50.741	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.480%
62) 4-Bromofluorobenzene	12.847	95	291875	48.913	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.820%
Target Compounds						
					Qvalue	
16) Acetone	4.459	43	1272	0.459	ug/l #	40
21) trans-1,2-Dichloroethene	5.806	96	1490	0.308	ug/l #	71
31) Cyclohexane	8.229	56	6339	0.748	ug/l #	1
36) 1,1-Dichloropropene	8.229	75	29000	4.797	ug/l #	48
38) Carbon Tetrachloride	8.235	117	35854	6.041	ug/l #	17
51) 4-Methyl-2-Pentanone	10.565	43	2692	0.362	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	132944	19.405	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	132944	44.668	ug/l #	16

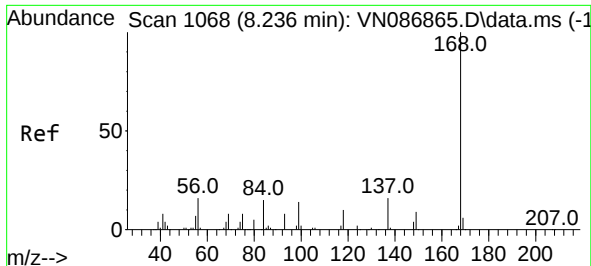
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 10 03:28:34 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

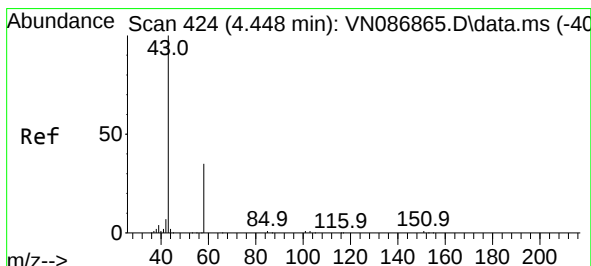
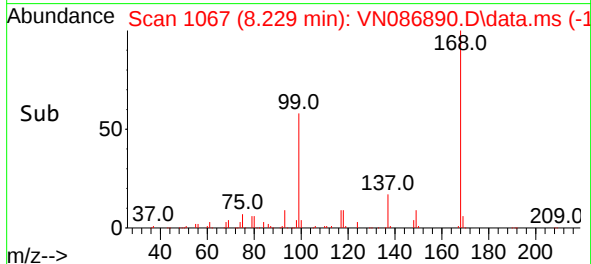
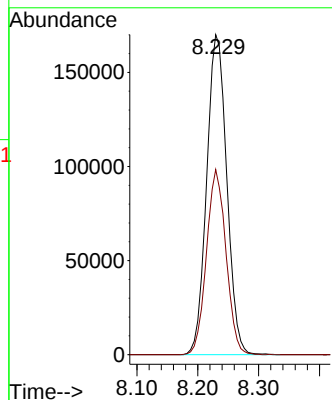
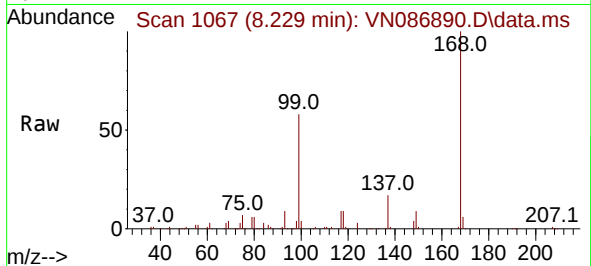




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.007 min
Lab File: VN086890.D
Acq: 09 Jun 2025 09:33

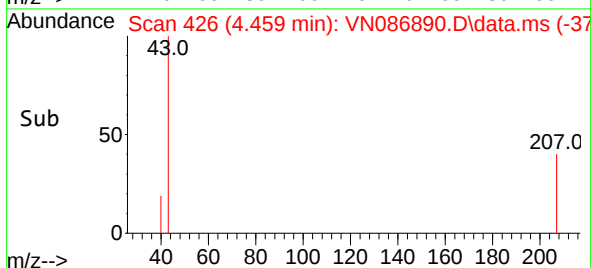
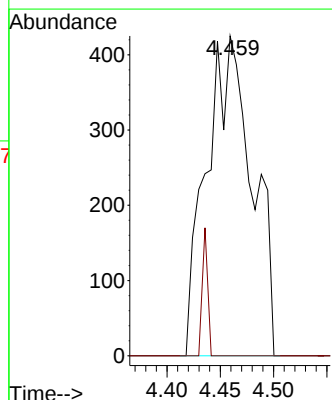
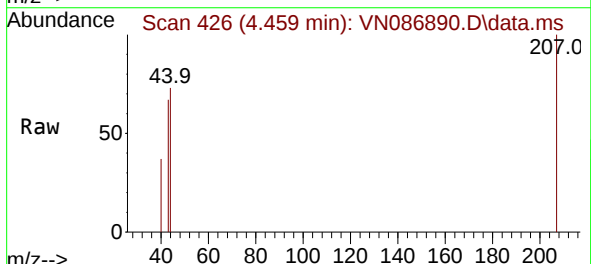
Instrument :
MSVOA_N
ClientSampleId :

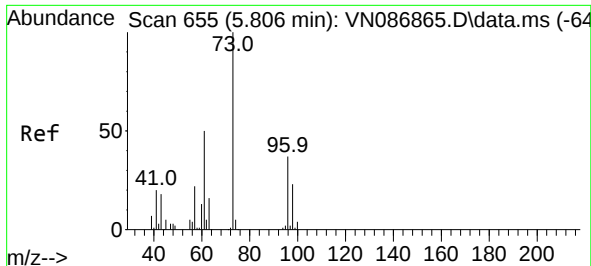
Tgt Ion:168 Resp: 390256
Ion Ratio Lower Upper
168 100
99 57.8 49.1 73.7



#16
Acetone
Concen: 0.459 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN086890.D
Acq: 09 Jun 2025 09:33

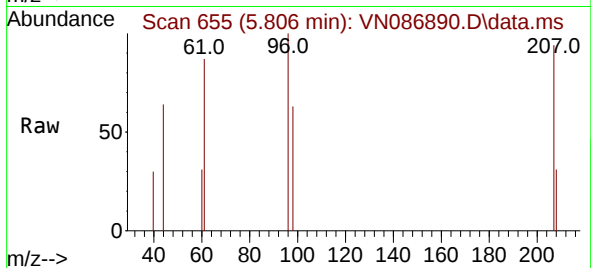
Tgt Ion: 43 Resp: 1272
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



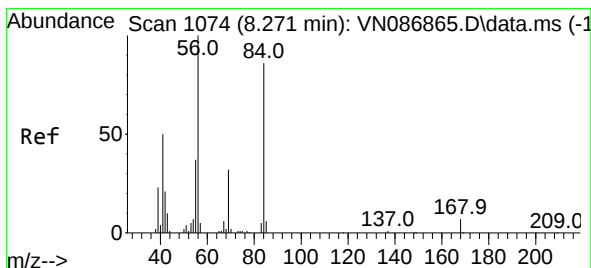
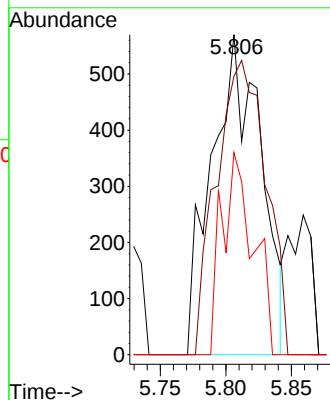
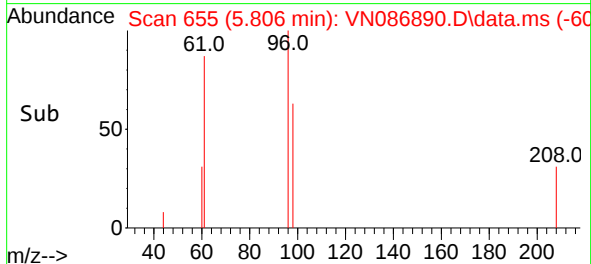


#21
trans-1,2-Dichloroethene
Concen: 0.308 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086890.D
Acq: 09 Jun 2025 09:33

Instrument :
MSVOA_N
ClientSampleId :

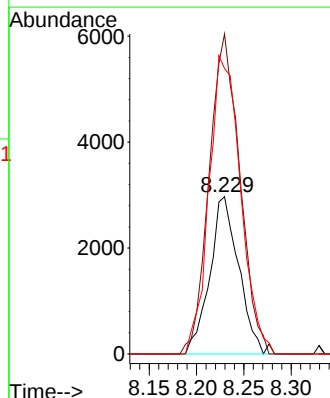
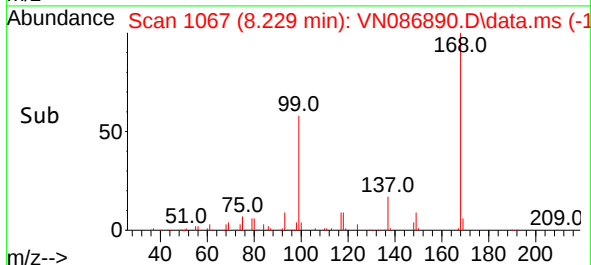
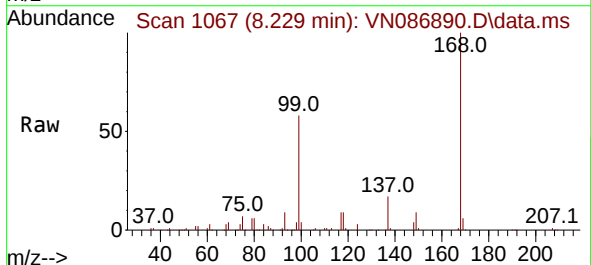


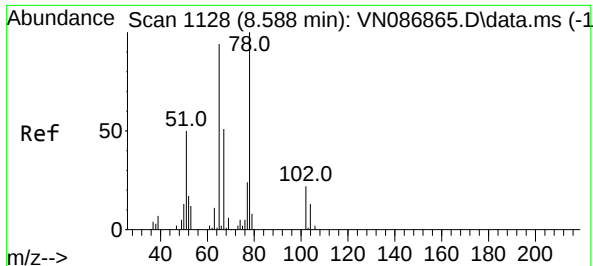
Tgt Ion: 96 Resp: 1490
Ion Ratio Lower Upper
96 100
61 87.0 109.2 163.8#
98 63.2 49.8 74.8



#31
Cyclohexane
Concen: 0.748 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.041 min
Lab File: VN086890.D
Acq: 09 Jun 2025 09:33

Tgt Ion: 56 Resp: 6339
Ion Ratio Lower Upper
56 100
69 203.5 25.4 38.0#
84 181.5 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 42.813 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN086890.D

Acq: 09 Jun 2025 09:33

Instrument :

MSVOA_N

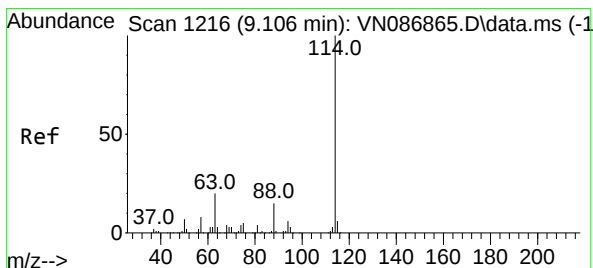
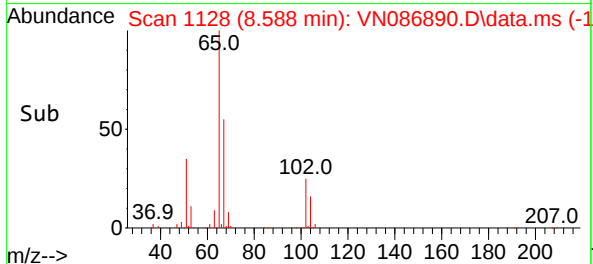
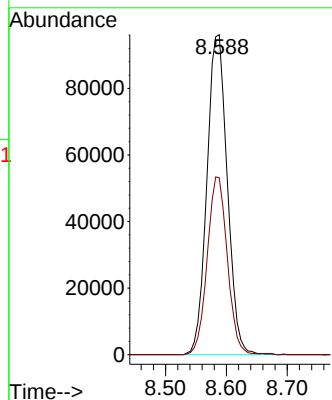
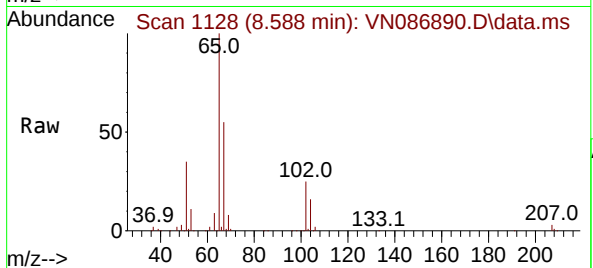
ClientSampleId :

Tgt Ion: 65 Resp: 223703

Ion Ratio Lower Upper

65 100

67 54.9 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086890.D

Acq: 09 Jun 2025 09:33

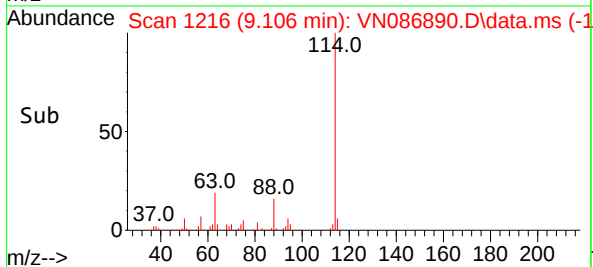
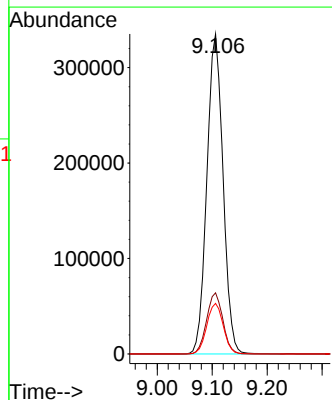
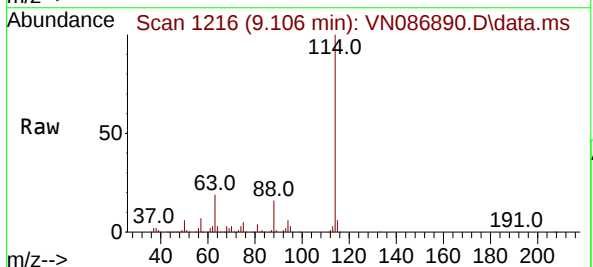
Tgt Ion: 114 Resp: 684606

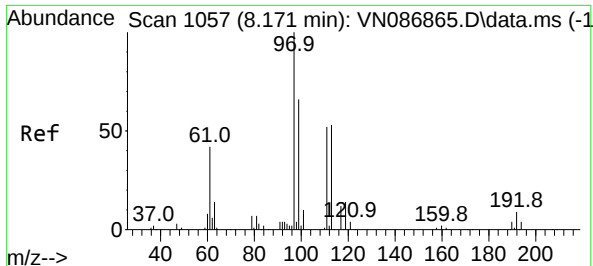
Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

88 15.8 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.062 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN086890.D

Acq: 09 Jun 2025 09:33

Instrument :

MSVOA_N

ClientSampleId :

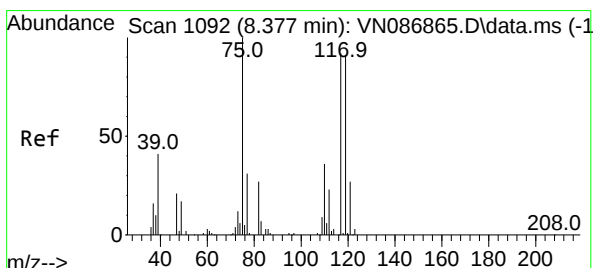
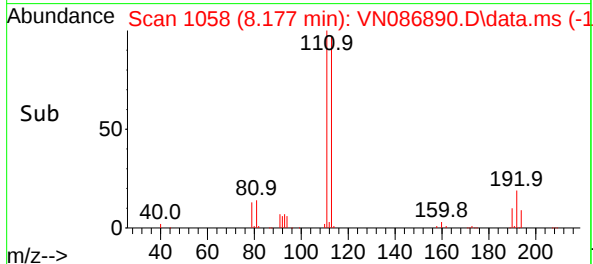
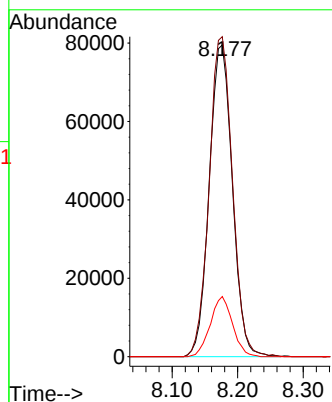
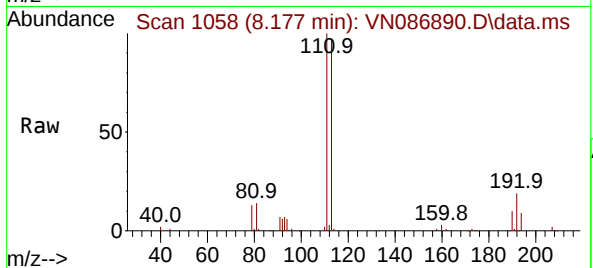
Tgt Ion:113 Resp: 194994

Ion Ratio Lower Upper

113 100

111 103.2 84.2 126.2

192 18.5 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.797 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN086890.D

Acq: 09 Jun 2025 09:33

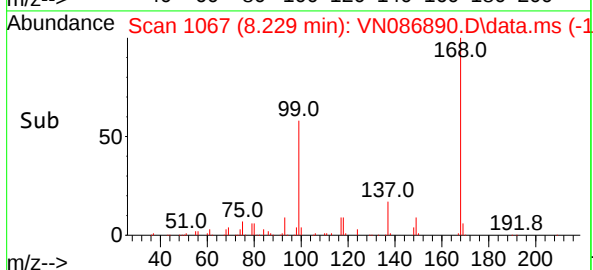
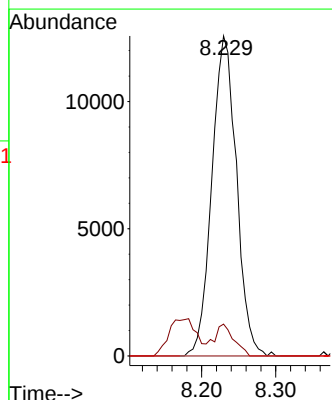
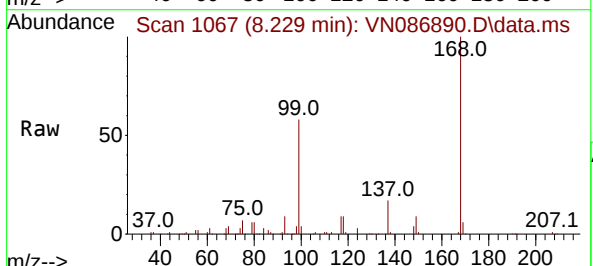
Tgt Ion: 75 Resp: 29000

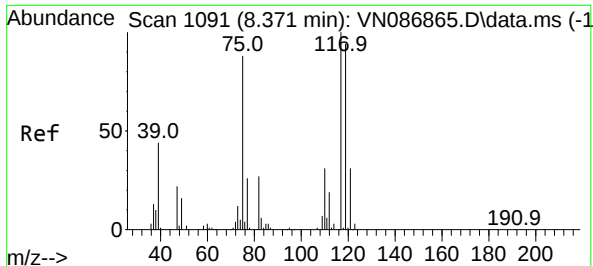
Ion Ratio Lower Upper

75 100

110 7.8 17.6 52.9#

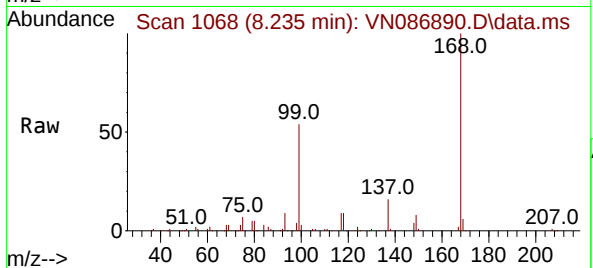
77 0.0 25.3 37.9#



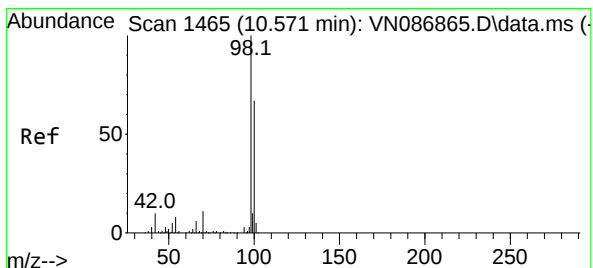
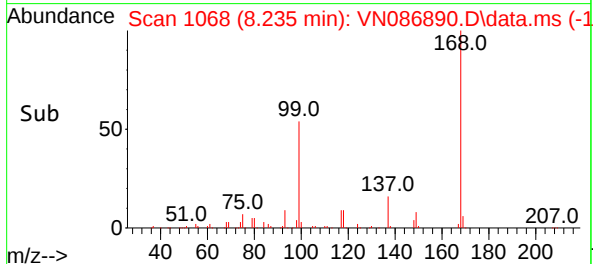
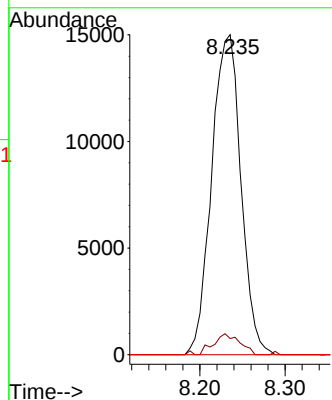


#38
Carbon Tetrachloride
Concen: 6.041 ug/l
RT: 8.235 min Scan# 1091
Delta R.T. -0.136 min
Lab File: VN086890.D
Acq: 09 Jun 2025 09:33

Instrument :
MSVOA_N
ClientSampleId :

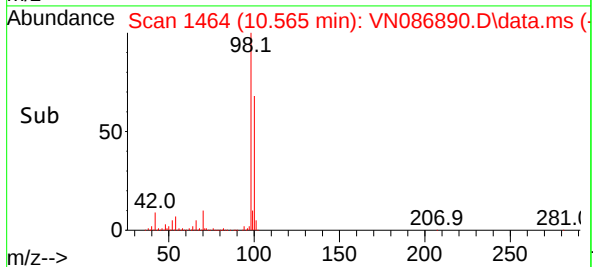
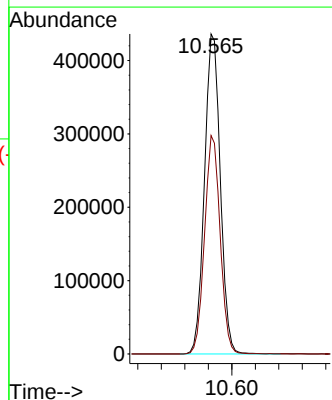
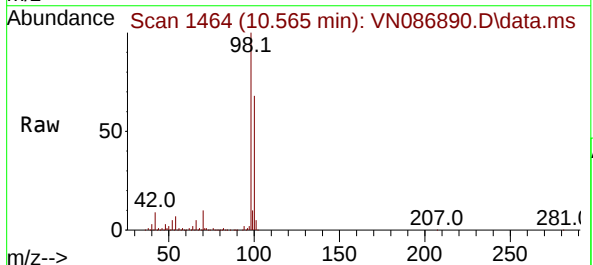


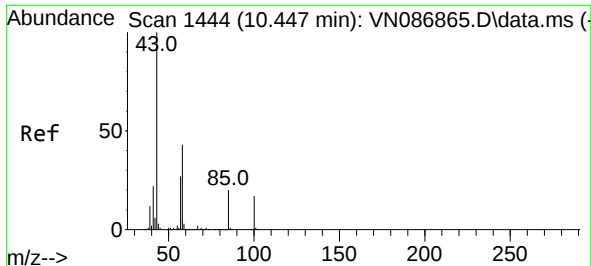
Tgt Ion:117 Resp: 35854
Ion Ratio Lower Upper
117 100
119 5.1 75.0 112.6#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 50.741 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN086890.D
Acq: 09 Jun 2025 09:33

Tgt Ion: 98 Resp: 814952
Ion Ratio Lower Upper
98 100
100 67.2 53.4 80.0

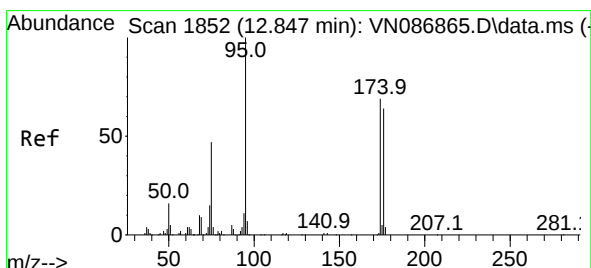
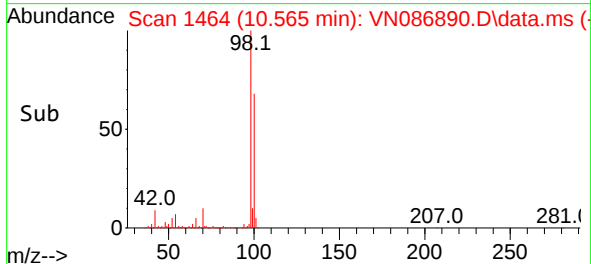
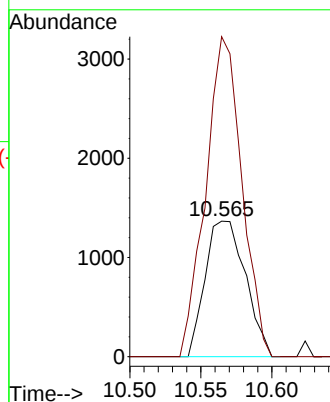
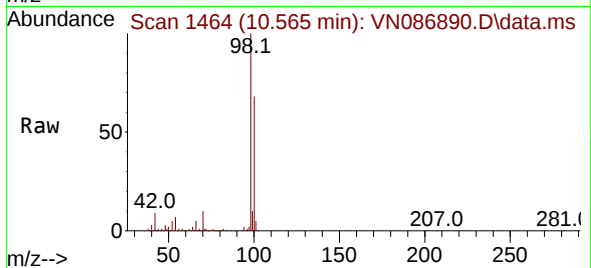




#51
4-Methyl-2-Pentanone
Concen: 0.362 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.117 min
Lab File: VN086890.D
Acq: 09 Jun 2025 09:33

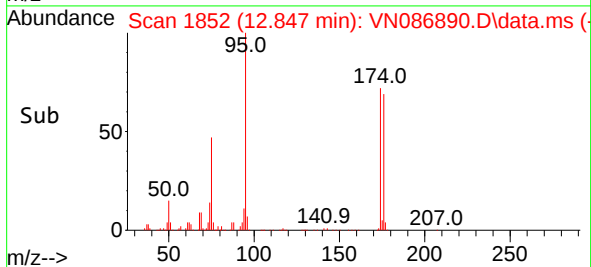
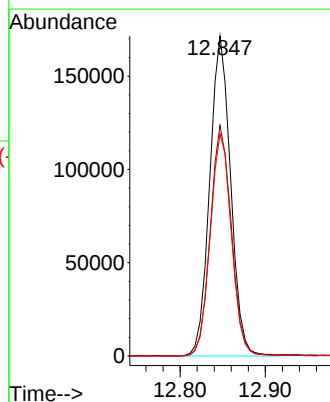
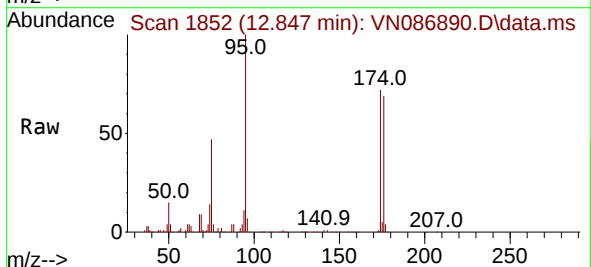
Instrument :
MSVOA_N
ClientSampleId :

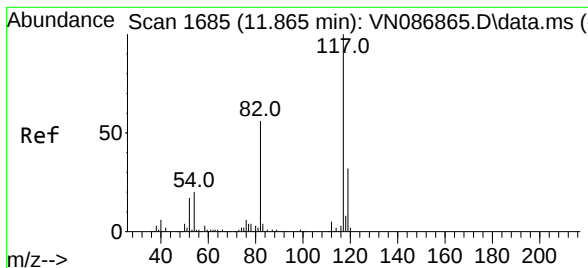
Tgt Ion: 43 Resp: 2692
Ion Ratio Lower Upper
43 100
58 212.4 34.2 51.4#



#62
4-Bromofluorobenzene
Concen: 48.913 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086890.D
Acq: 09 Jun 2025 09:33

Tgt Ion: 95 Resp: 291875
Ion Ratio Lower Upper
95 100
174 72.5 0.0 141.8
176 70.2 0.0 132.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086890.D

Acq: 09 Jun 2025 09:33

Instrument :

MSVOA_N

ClientSampleId :

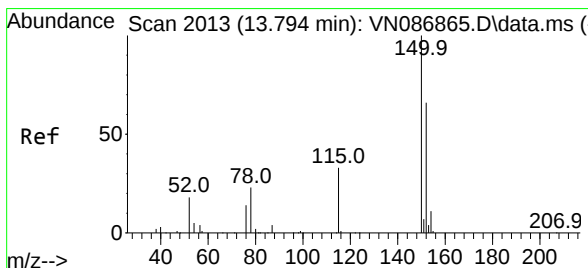
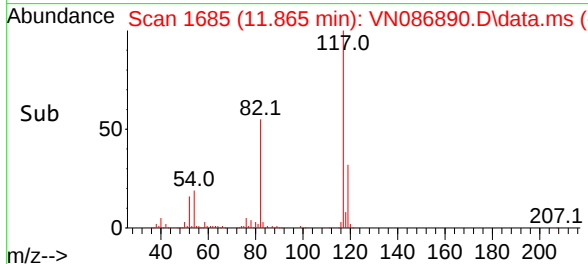
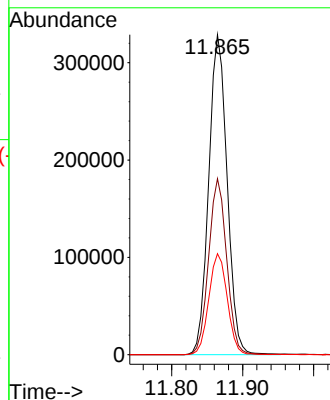
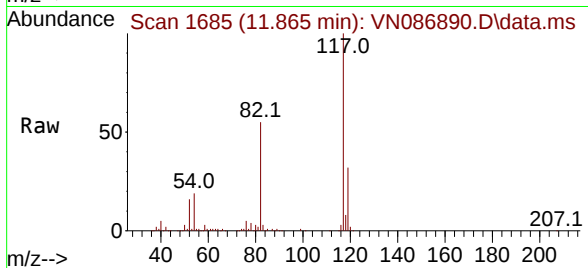
Tgt Ion:117 Resp: 591728

Ion Ratio Lower Upper

117 100

82 55.0 44.6 67.0

119 31.6 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.006 min

Lab File: VN086890.D

Acq: 09 Jun 2025 09:33

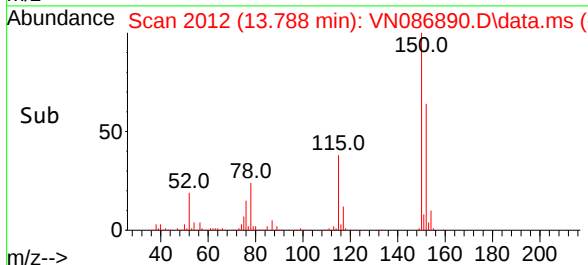
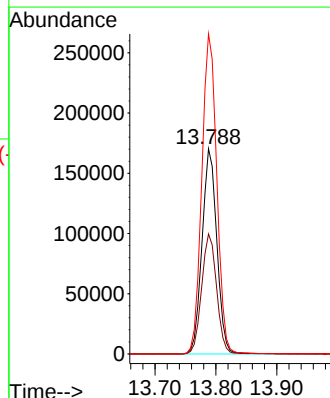
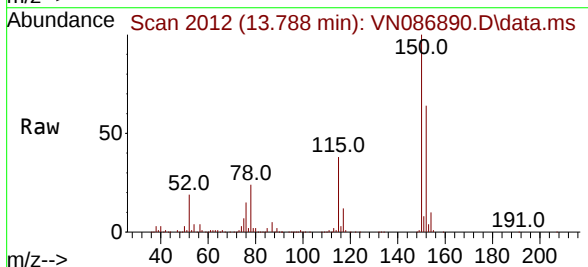
Tgt Ion:152 Resp: 288224

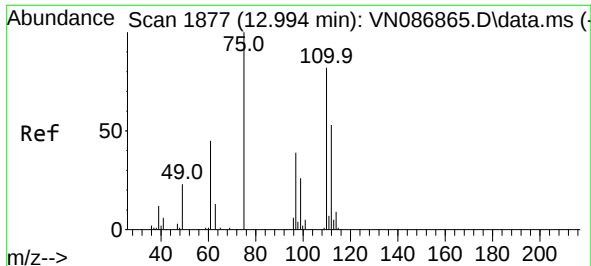
Ion Ratio Lower Upper

152 100

115 59.1 30.1 90.5

150 158.0 0.0 345.0

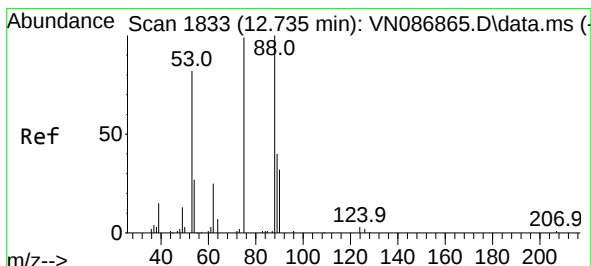
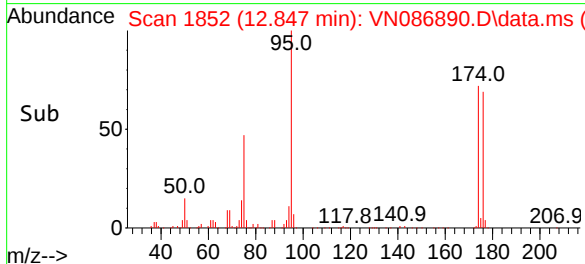
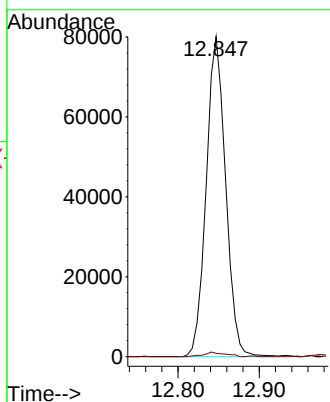
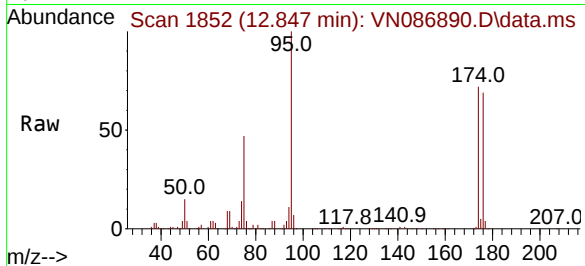




#76
1,2,3-Trichloropropane
Concen: 19.405 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN086890.D
Acq: 09 Jun 2025 09:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 132944
Ion Ratio Lower Upper
75 100
77 1.6 79.3 237.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 44.668 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086890.D
Acq: 09 Jun 2025 09:33

Tgt Ion: 75 Resp: 132944
Ion Ratio Lower Upper
75 100
53 0.0 66.6 99.8#
89 0.0 36.7 55.1#

