

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100324\
 Data File : VN084290.D
 Acq On : 03 Oct 2024 11:52
 Operator : JC\MD
 Sample : P4226-14RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT205S1-20240925

Quant Time: Oct 04 01:32:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

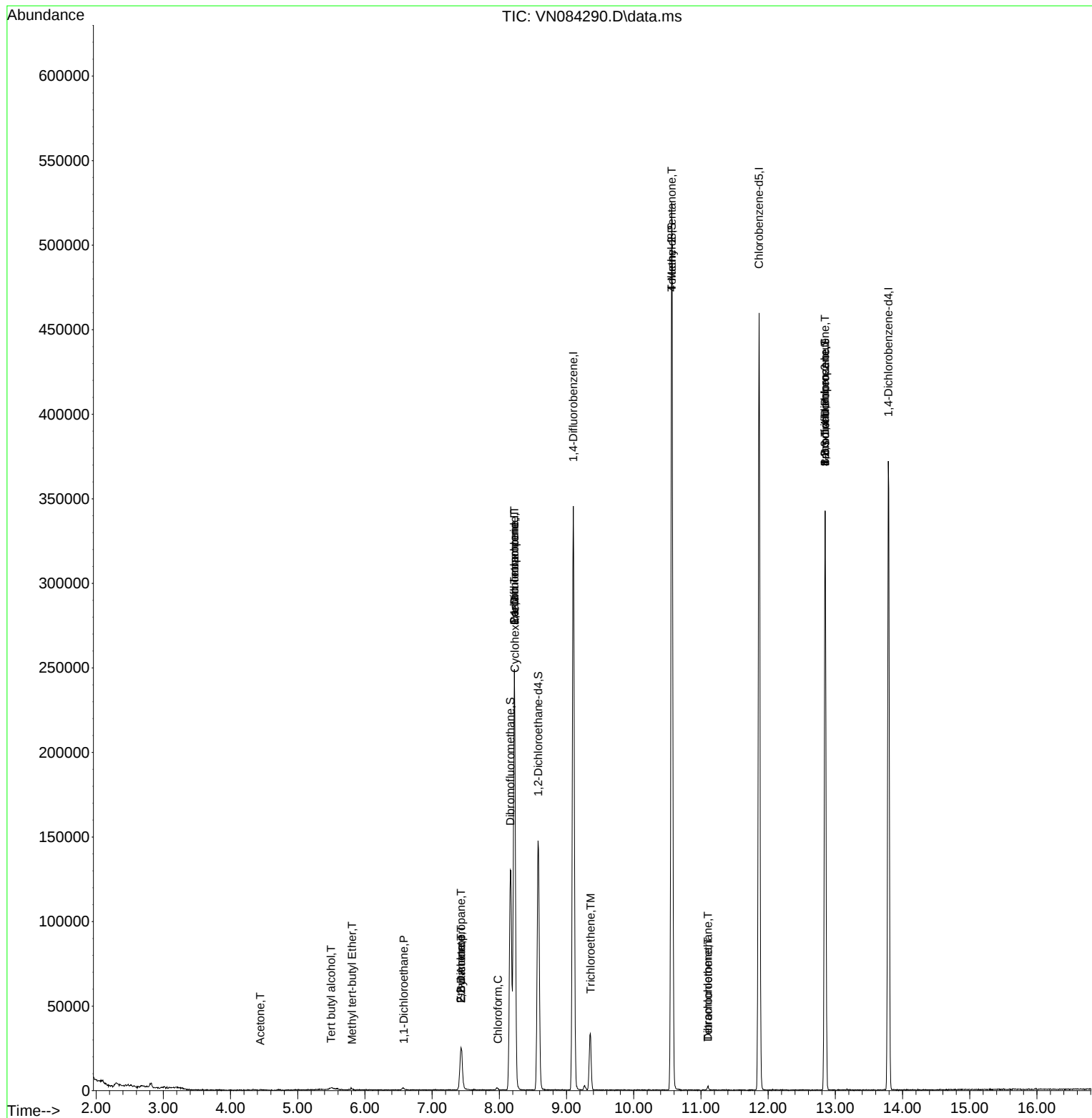
Internal Standards						
1) Pentafluorobenzene	8.224	168	169679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	292991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	251495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	101020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	123671	49.158	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.320%
35) Dibromofluoromethane	8.165	113	97705	50.583	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.160%
50) Toluene-d8	10.565	98	358608	50.462	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.920%
62) 4-Bromofluorobenzene	12.847	95	119499	46.157	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.320%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.495	59	1191	2.871	ug/l #	73
16) Acetone	4.442	43	429	0.397	ug/l #	44
19) Methyl tert-butyl Ether	5.806	73	1441	0.223	ug/l #	54
24) 1,1-Dichloroethane	6.577	63	2135	0.556	ug/l #	83
25) 2-Butanone	7.430	43	1218	0.827	ug/l #	48
26) 2,2-Dichloropropane	7.430	77	1525	0.441	ug/l #	54
30) Chloroform	7.977	83	1320	0.331	ug/l #	68
31) Cyclohexane	8.230	56	3922	1.052	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	15675	5.587	ug/l #	49
37) Ethyl Acetate	7.430	43	1218	0.423	ug/l #	1
38) Carbon Tetrachloride	8.224	117	18980	6.167	ug/l #	15
44) Trichloroethene	9.359	130	12435	6.091	ug/l	90
51) 4-Methyl-2-Pentanone	10.565	43	1653	0.603	ug/l #	1
60) Dibromochloromethane	11.106	129	556	0.246	ug/l #	11
64) Tetrachloroethene	11.106	164	507	0.289	ug/l #	85
71) Bromoform	12.847	173	746	0.528	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	63013	30.554	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	63013	73.252	ug/l #	11

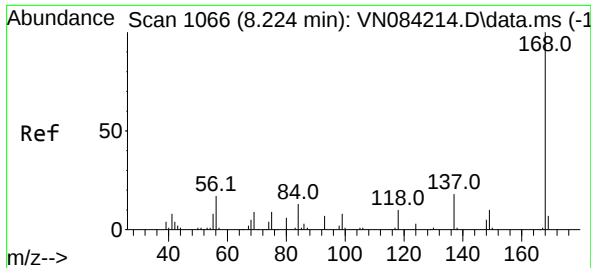
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100324\
Data File : VN084290.D
Acq On : 03 Oct 2024 11:52
Operator : JC\MD
Sample : P4226-14RE
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TT205S1-20240925

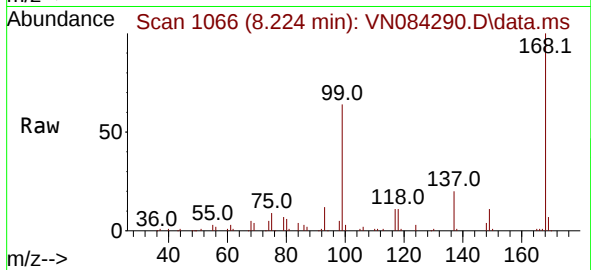
Quant Time: Oct 04 01:32:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



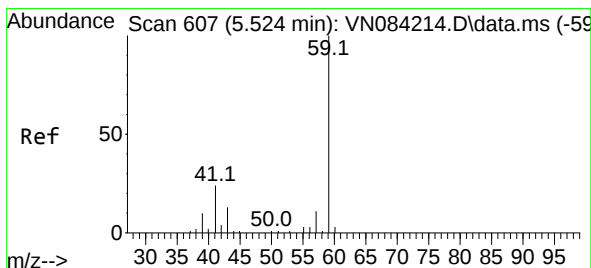
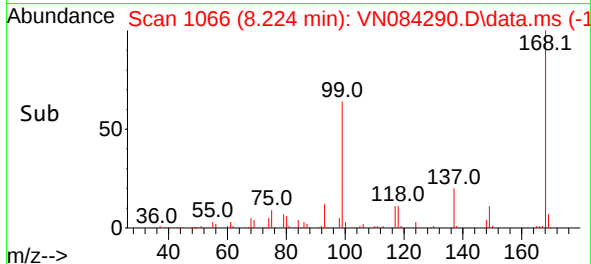
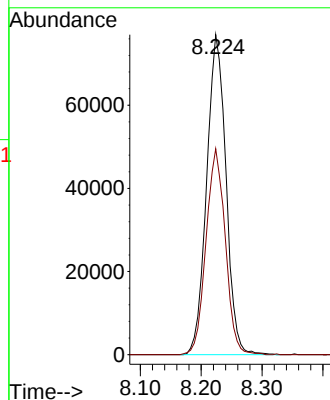


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084290.D
Acq: 03 Oct 2024 11:52

Instrument :
MSVOA_N
ClientSampleId :
TT205S1-20240925

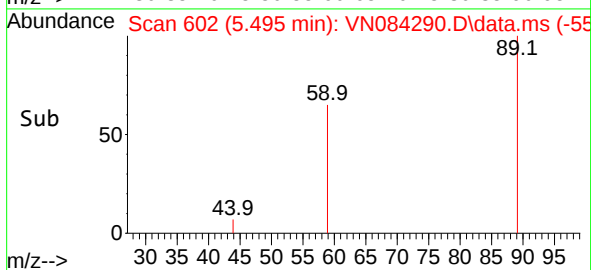
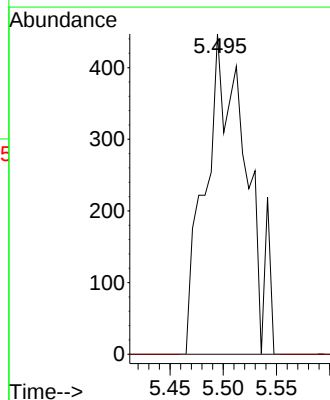
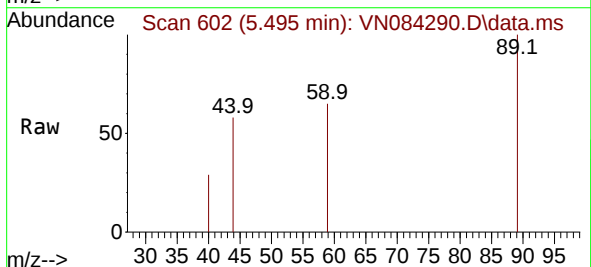


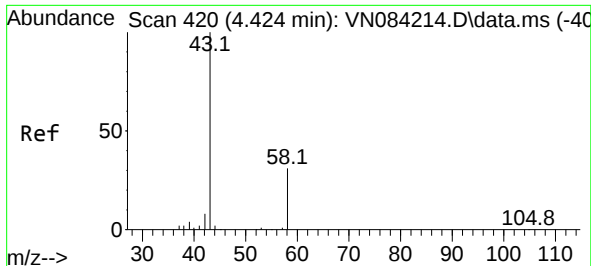
Tgt Ion:168 Resp: 169679
Ion Ratio Lower Upper
168 100
99 64.4 54.2 81.2



#11
Tert butyl alcohol
Concen: 2.871 ug/l
RT: 5.495 min Scan# 602
Delta R.T. -0.029 min
Lab File: VN084290.D
Acq: 03 Oct 2024 11:52

Tgt Ion: 59 Resp: 1191
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

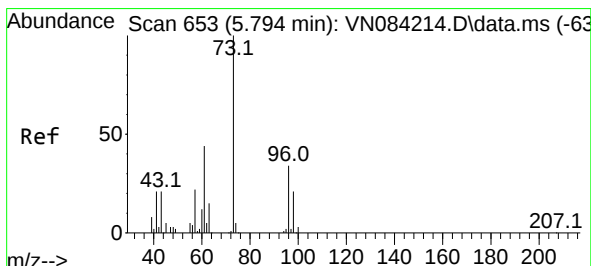
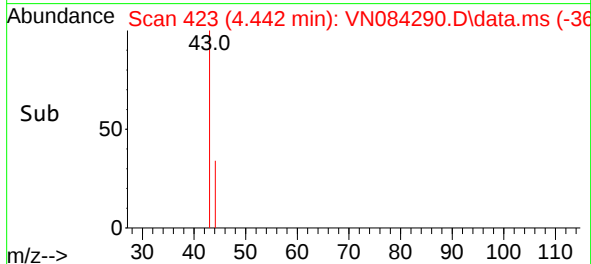
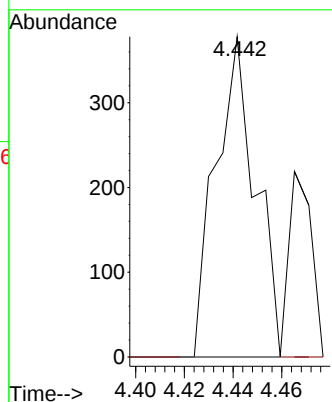
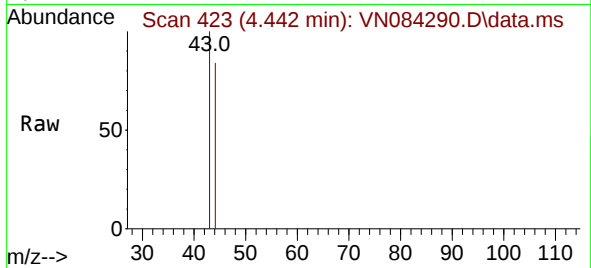




#16
Acetone
Concen: 0.397 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN084290.D
Acq: 03 Oct 2024 11:52

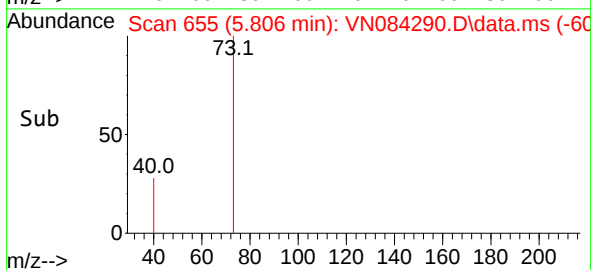
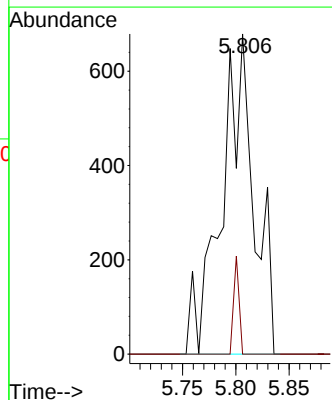
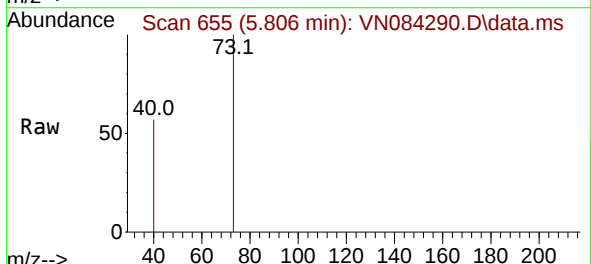
Instrument :
MSVOA_N
ClientSampleId :
TT205S1-20240925

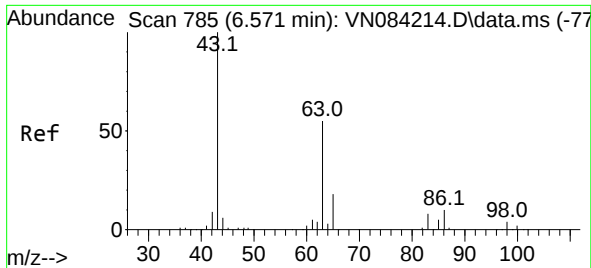
Tgt Ion: 43 Resp: 429
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#19
Methyl tert-butyl Ether
Concen: 0.223 ug/l
RT: 5.806 min Scan# 655
Delta R.T. 0.012 min
Lab File: VN084290.D
Acq: 03 Oct 2024 11:52

Tgt Ion: 73 Resp: 1441
Ion Ratio Lower Upper
73 100
57 0.0 17.7 26.5#

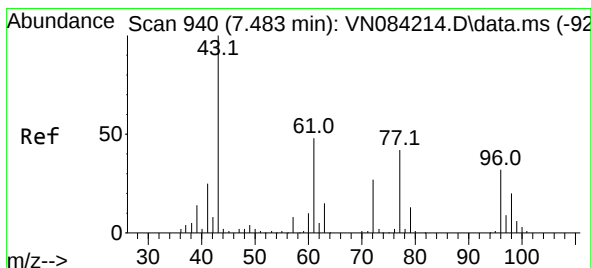
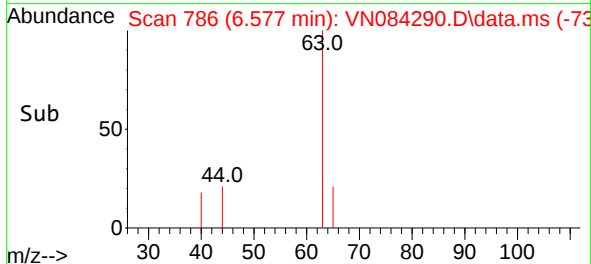
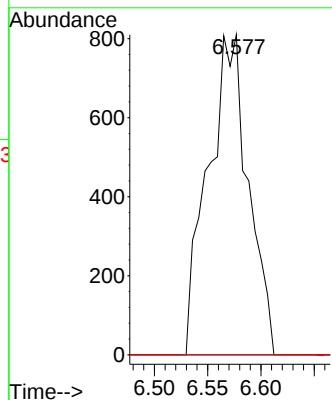
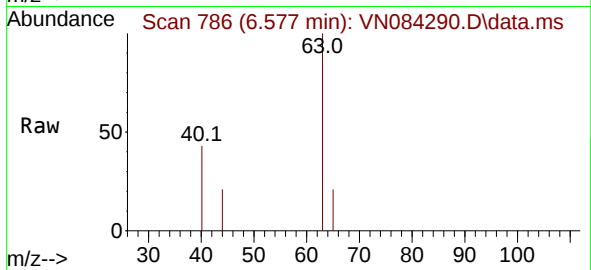




#24
 1,1-Dichloroethane
 Concen: 0.556 ug/l
 RT: 6.577 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN084290.D
 Acq: 03 Oct 2024 11:52

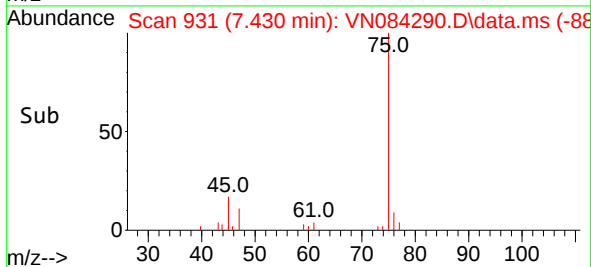
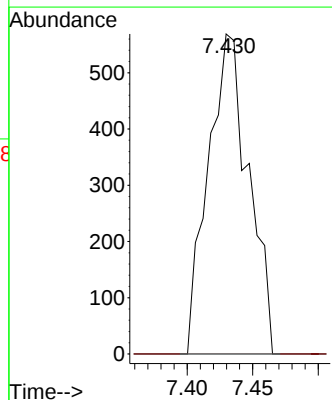
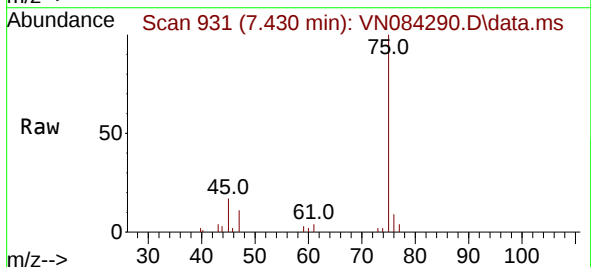
Instrument :
 MSVOA_N
 ClientSampleId :
 TT205S1-20240925

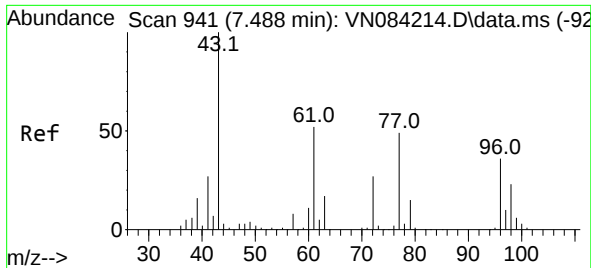
Tgt Ion: 63 Resp: 2135
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.4 10.2#
 100 0.0 2.0 5.8#



#25
 2-Butanone
 Concen: 0.827 ug/l
 RT: 7.430 min Scan# 931
 Delta R.T. -0.053 min
 Lab File: VN084290.D
 Acq: 03 Oct 2024 11:52

Tgt Ion: 43 Resp: 1218
 Ion Ratio Lower Upper
 43 100
 72 0.0 21.4 32.2#

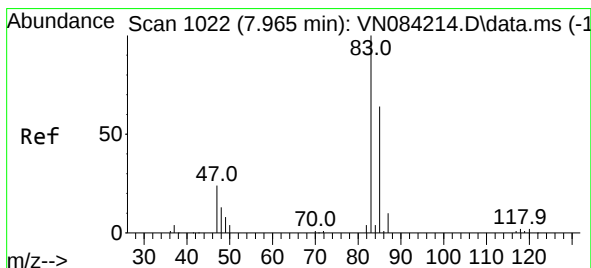
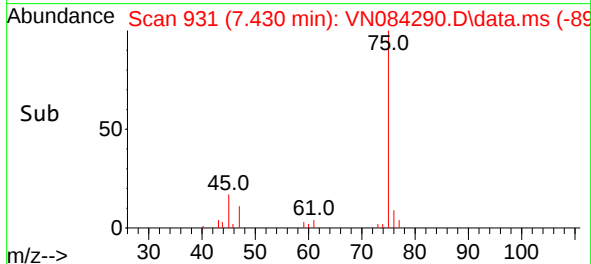
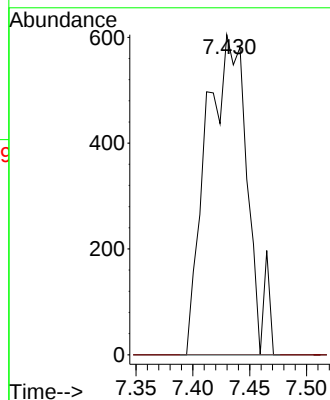
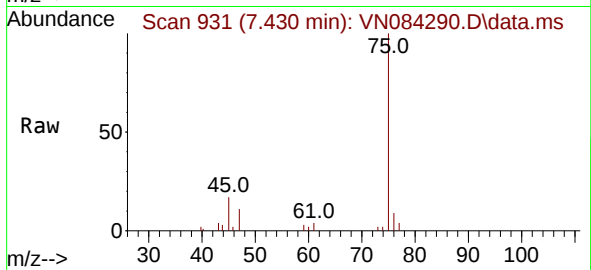




#26
2,2-Dichloropropane
Concen: 0.441 ug/l
RT: 7.430 min Scan# 91
Delta R.T. -0.059 min
Lab File: VN084290.D
Acq: 03 Oct 2024 11:52

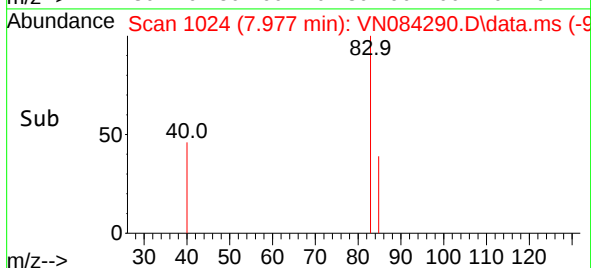
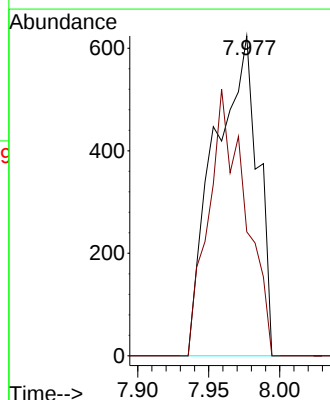
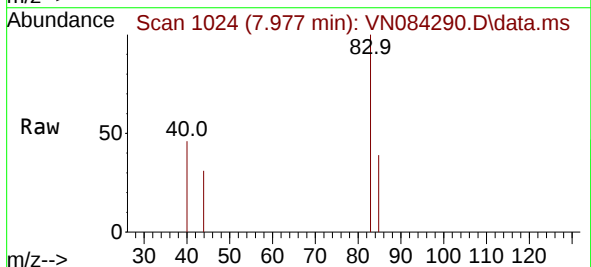
Instrument :
MSVOA_N
ClientSampleId :
TT205S1-20240925

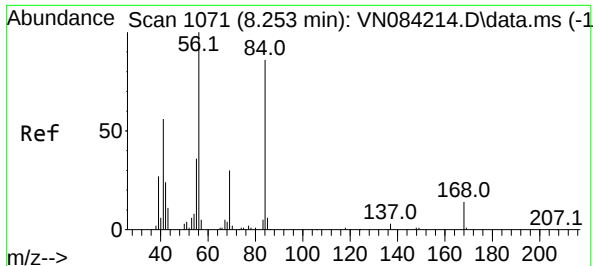
Tgt Ion: 77 Resp: 1525
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#30
Chloroform
Concen: 0.331 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.012 min
Lab File: VN084290.D
Acq: 03 Oct 2024 11:52

Tgt Ion: 83 Resp: 1320
Ion Ratio Lower Upper
83 100
85 38.8 51.0 76.4#

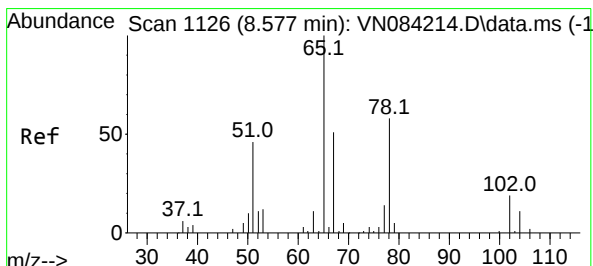
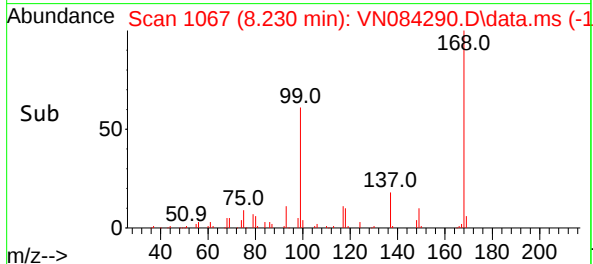
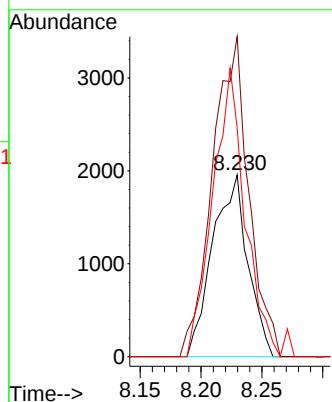
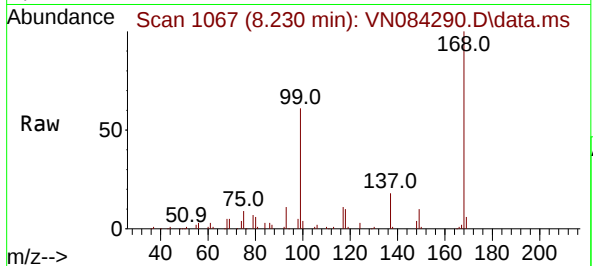




#31
Cyclohexane
Concen: 1.052 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.023 min
Lab File: VN084290.D
Acq: 03 Oct 2024 11:52

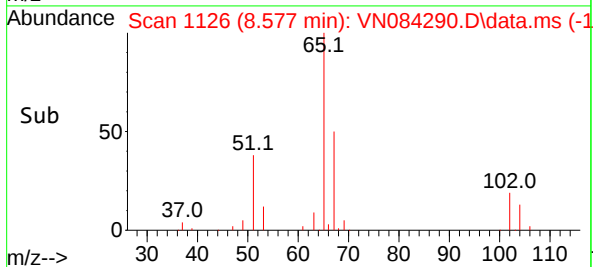
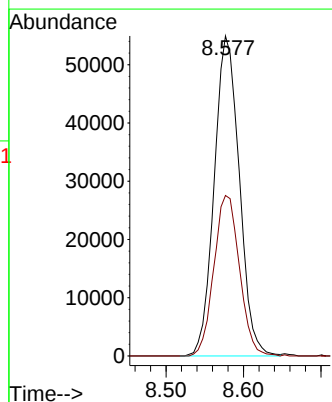
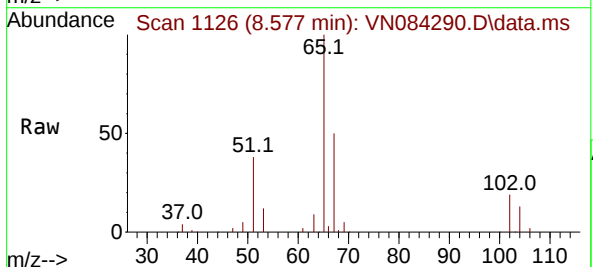
Instrument :
MSVOA_N
ClientSampleId :
TT205S1-20240925

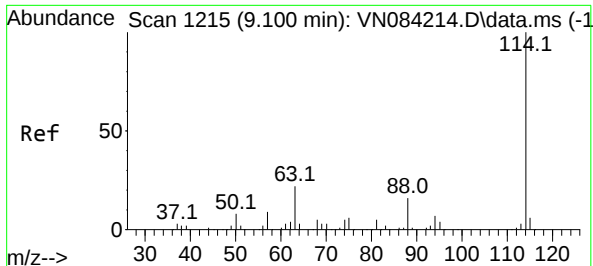
Tgt Ion: 56 Resp: 3922
Ion Ratio Lower Upper
56 100
69 176.1 23.8 35.6#
84 126.0 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 49.158 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084290.D
Acq: 03 Oct 2024 11:52

Tgt Ion: 65 Resp: 123671
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084290.D

Acq: 03 Oct 2024 11:52

Instrument :

MSVOA_N

ClientSampleId :

TT205S1-20240925

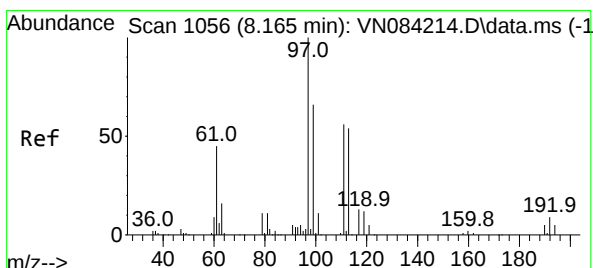
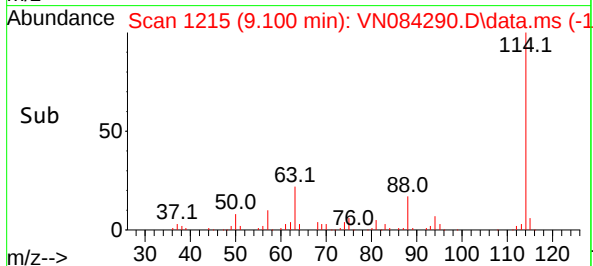
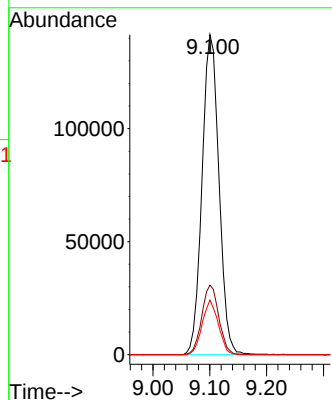
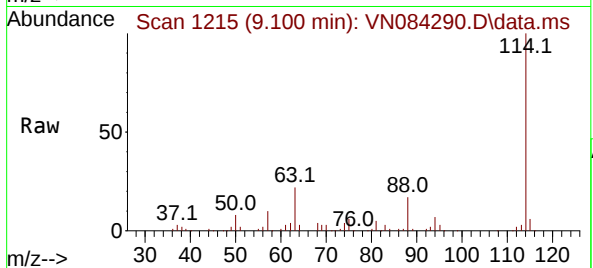
Tgt Ion:114 Resp: 292991

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.8

88 17.0 0.0 31.6



#35

Dibromofluoromethane

Concen: 50.583 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084290.D

Acq: 03 Oct 2024 11:52

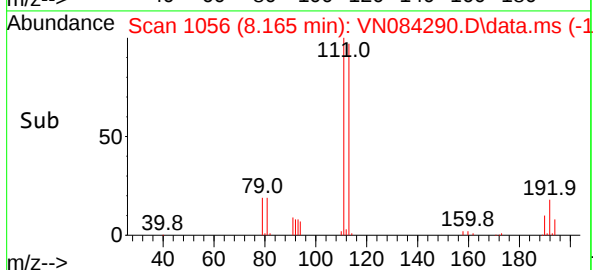
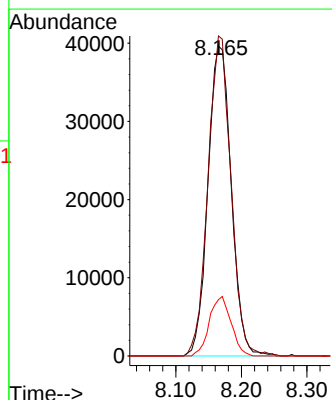
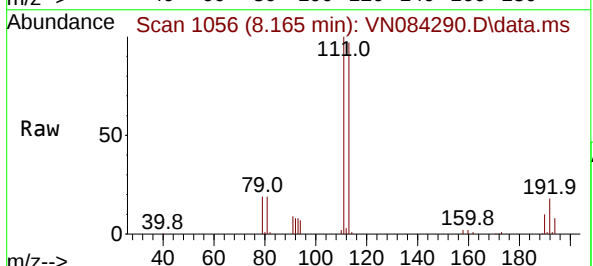
Tgt Ion:113 Resp: 97705

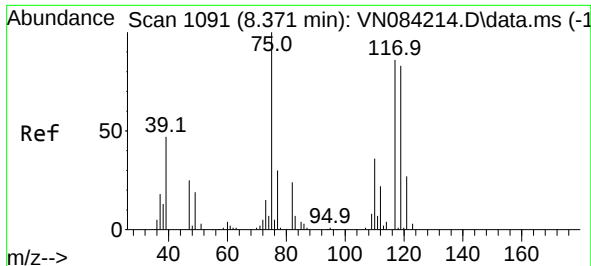
Ion Ratio Lower Upper

113 100

111 101.9 83.3 124.9

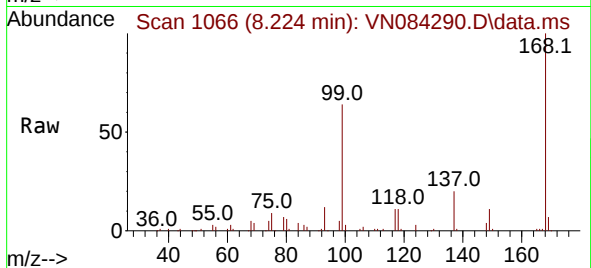
192 17.9 13.5 20.3



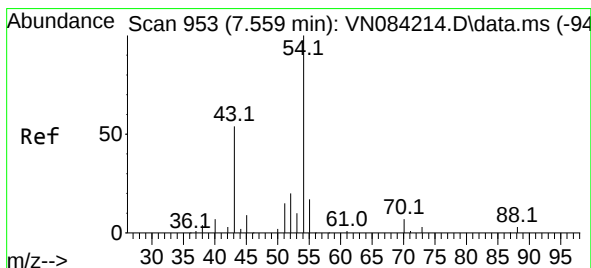
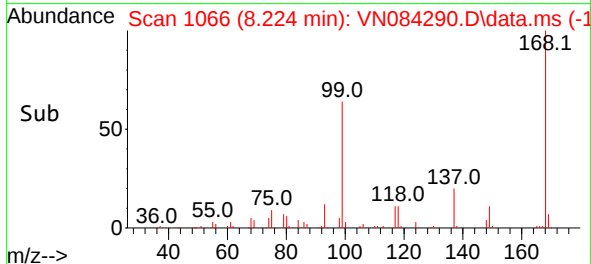
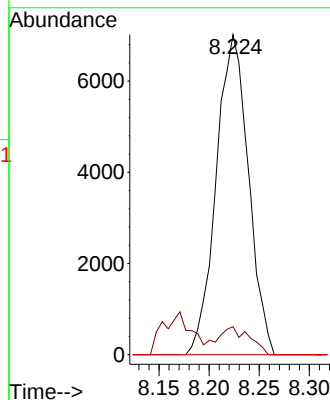


#36
1,1-Dichloropropene
Concen: 5.587 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084290.D
Acq: 03 Oct 2024 11:52

Instrument :
MSVOA_N
ClientSampleId :
TT205S1-20240925

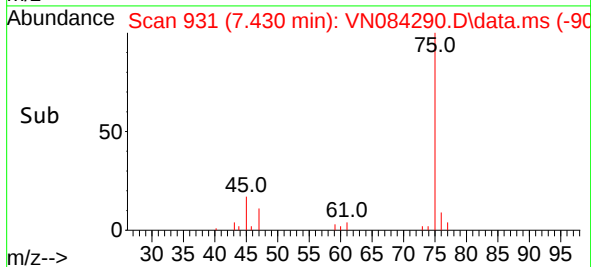
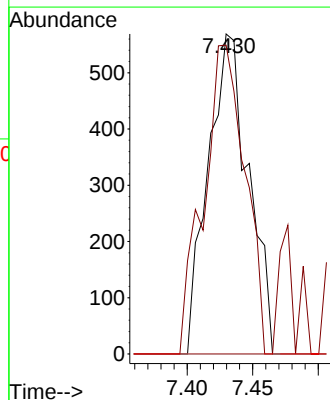
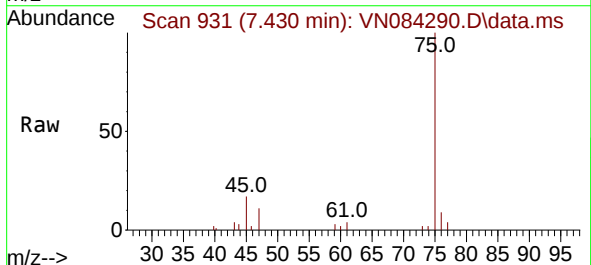


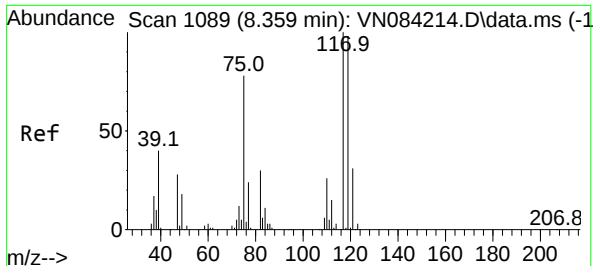
Tgt Ion: 75 Resp: 15675
Ion Ratio Lower Upper
75 100
110 7.4 16.9 50.7#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.423 ug/l
RT: 7.430 min Scan# 931
Delta R.T. -0.129 min
Lab File: VN084290.D
Acq: 03 Oct 2024 11:52

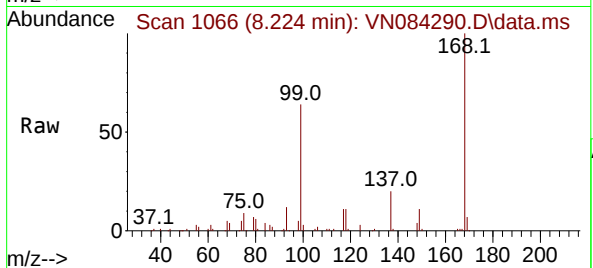
Tgt Ion: 43 Resp: 1218
Ion Ratio Lower Upper
43 100
61 99.0 10.7 16.1#
70 0.0 8.8 13.2#



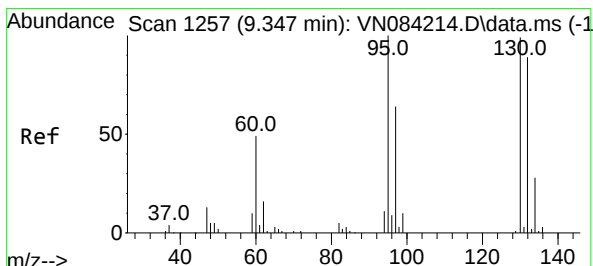
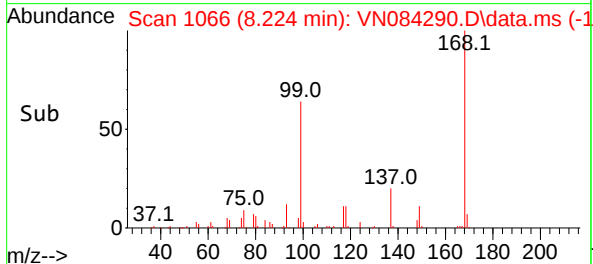
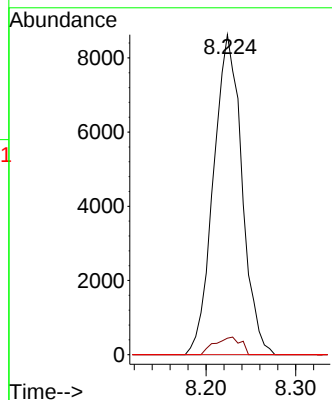


#38
Carbon Tetrachloride
Concen: 6.167 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084290.D
Acq: 03 Oct 2024 11:52

Instrument :
MSVOA_N
ClientSampleId :
TT205S1-20240925

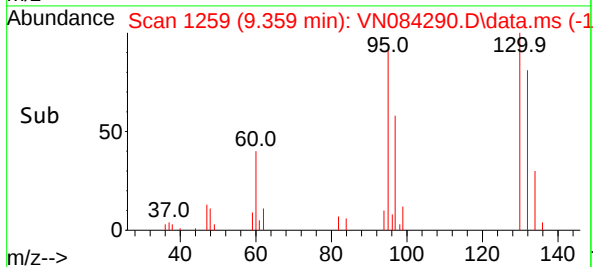
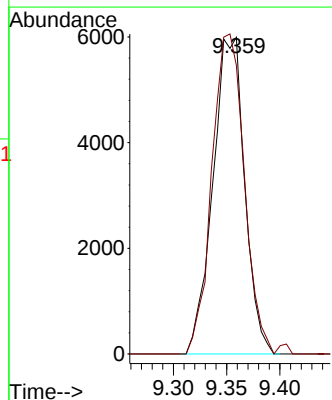
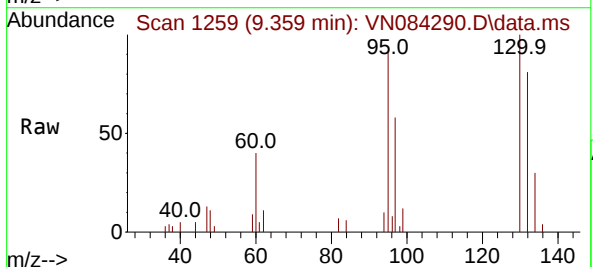


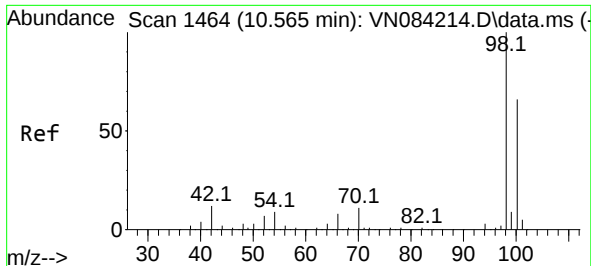
Tgt Ion:117 Resp: 18980
Ion Ratio Lower Upper
117 100
119 5.2 78.7 118.1#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 6.091 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.012 min
Lab File: VN084290.D
Acq: 03 Oct 2024 11:52

Tgt Ion:130 Resp: 12435
Ion Ratio Lower Upper
130 100
95 91.2 0.0 203.0

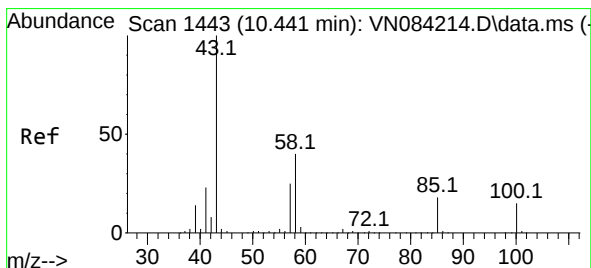
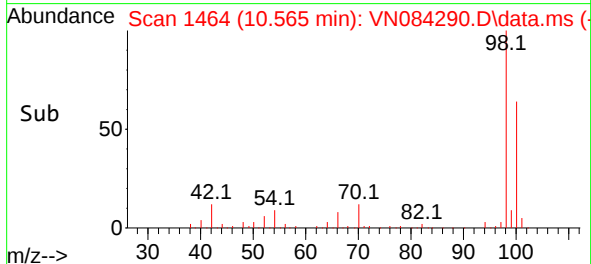
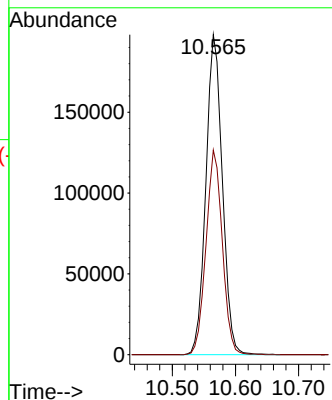
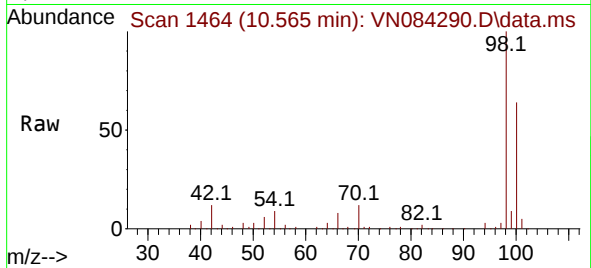




#50
Toluene-d8
Concen: 50.462 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084290.D
Acq: 03 Oct 2024 11:52

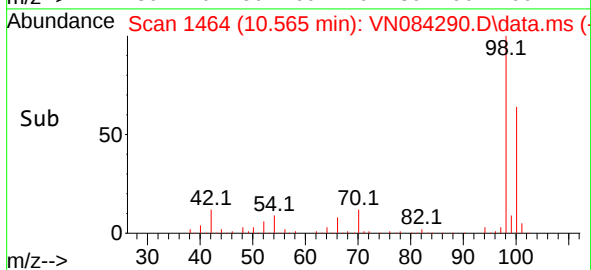
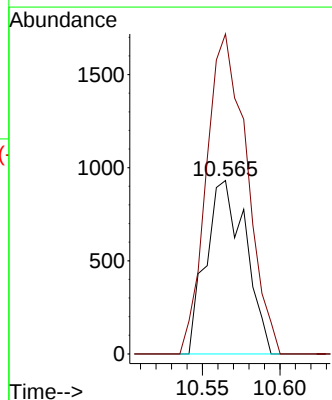
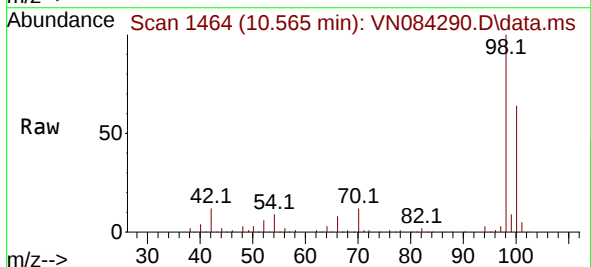
Instrument :
MSVOA_N
ClientSampleId :
TT205S1-20240925

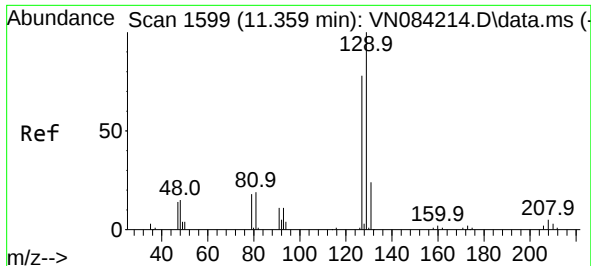
Tgt Ion: 98 Resp: 358608
Ion Ratio Lower Upper
98 100
100 63.4 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.603 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN084290.D
Acq: 03 Oct 2024 11:52

Tgt Ion: 43 Resp: 1653
Ion Ratio Lower Upper
43 100
58 187.5 31.6 47.4#

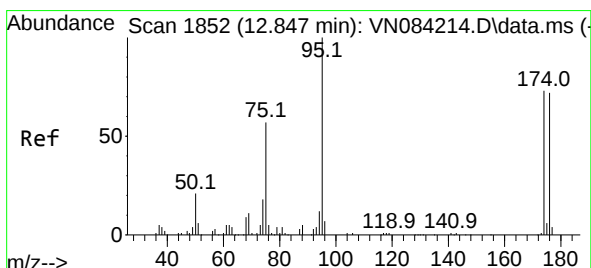
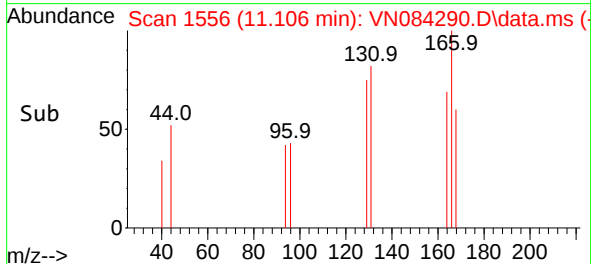
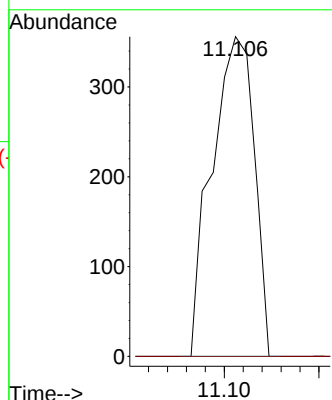
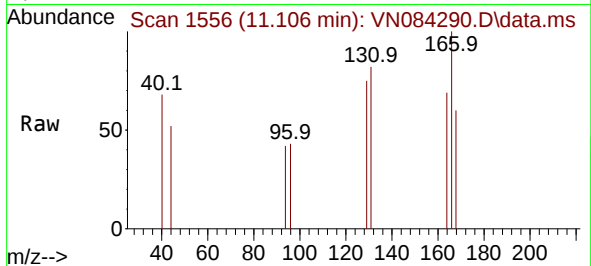




#60
Dibromochloromethane
Concen: 0.246 ug/l
RT: 11.106 min Scan# 1153
Delta R.T. -0.253 min
Lab File: VN084290.D
Acq: 03 Oct 2024 11:52

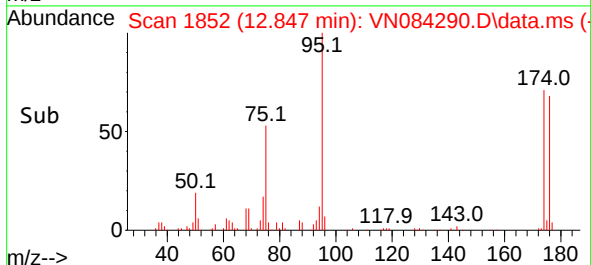
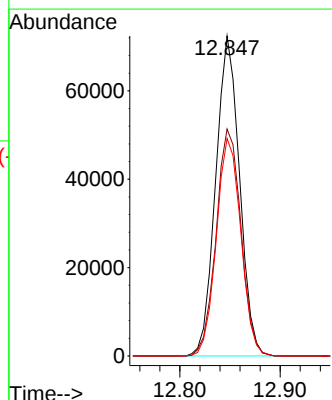
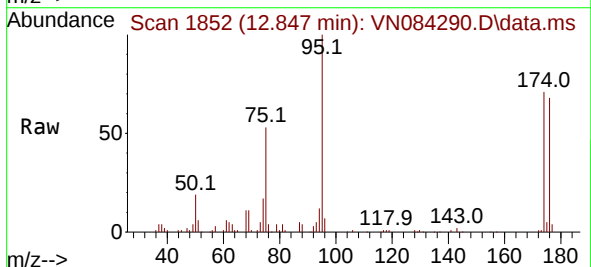
Instrument :
MSVOA_N
ClientSampleId :
TT205S1-20240925

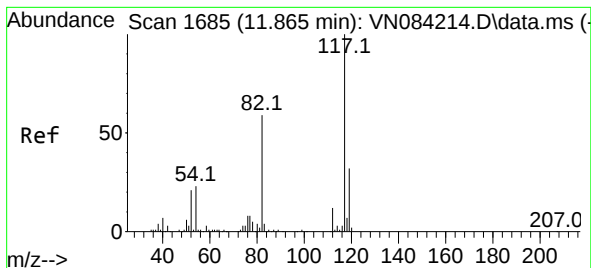
Tgt Ion:129 Resp: 556
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.9#



#62
4-Bromofluorobenzene
Concen: 46.157 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084290.D
Acq: 03 Oct 2024 11:52

Tgt Ion: 95 Resp: 119499
Ion Ratio Lower Upper
95 100
174 73.9 0.0 145.2
176 69.8 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084290.D

Acq: 03 Oct 2024 11:52

Instrument :

MSVOA_N

ClientSampleId :

TT205S1-20240925

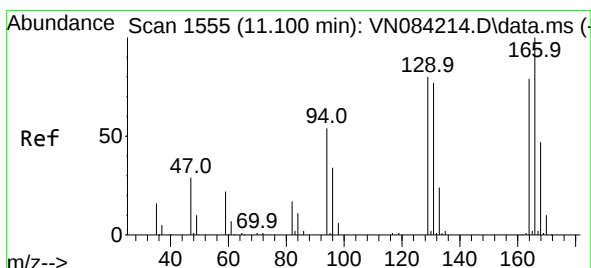
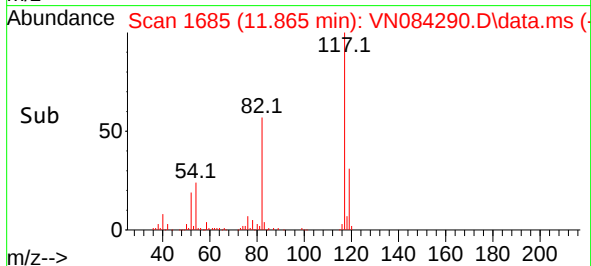
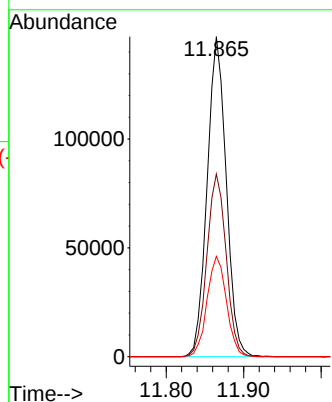
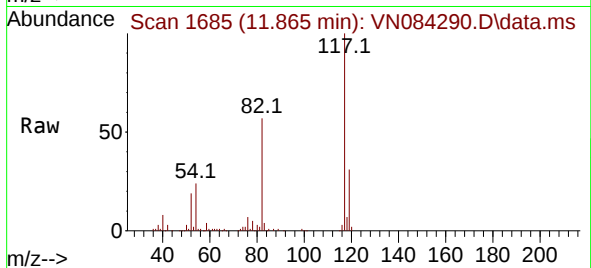
Tgt Ion:117 Resp: 251495

Ion Ratio Lower Upper

117 100

82 57.1 47.2 70.8

119 31.4 25.4 38.0



#64

Tetrachloroethene

Concen: 0.289 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN084290.D

Acq: 03 Oct 2024 11:52

Tgt Ion:164 Resp: 507

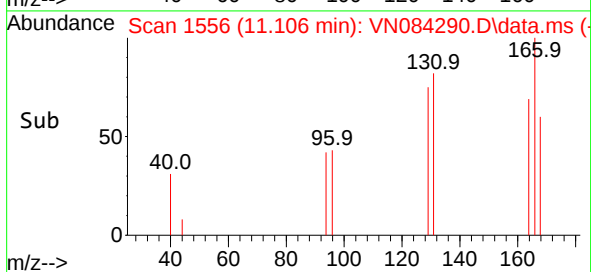
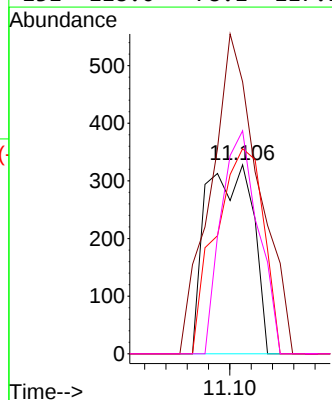
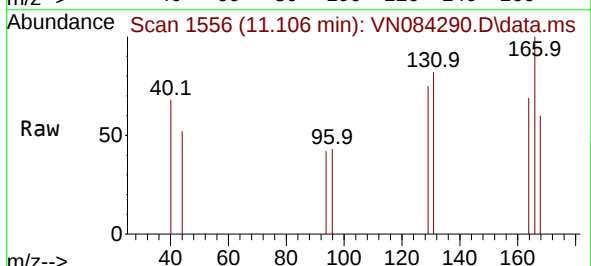
Ion Ratio Lower Upper

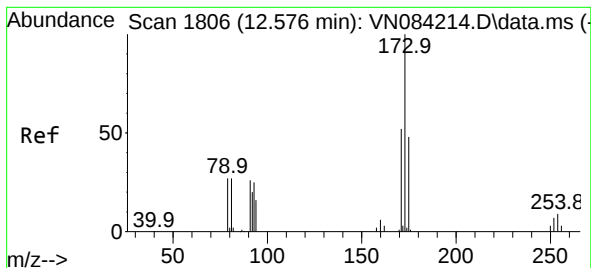
164 100

166 143.9 101.0 151.4

129 108.5 80.8 121.2

131 118.0 78.1 117.1#





#71

Bromoform

Concen: 0.528 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.271 min

Lab File: VN084290.D

Acq: 03 Oct 2024 11:52

Instrument :

MSVOA_N

ClientSampleId :

TT205S1-20240925

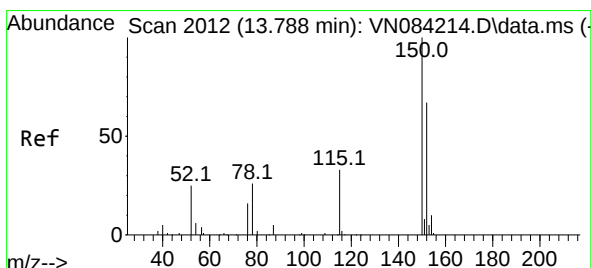
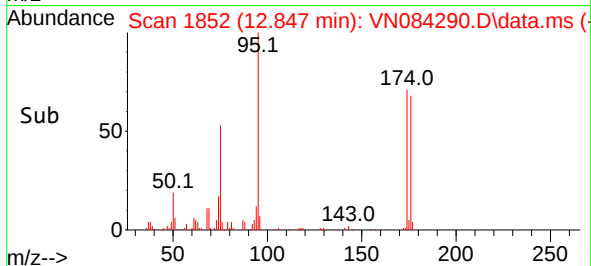
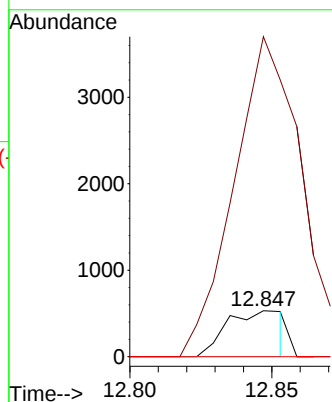
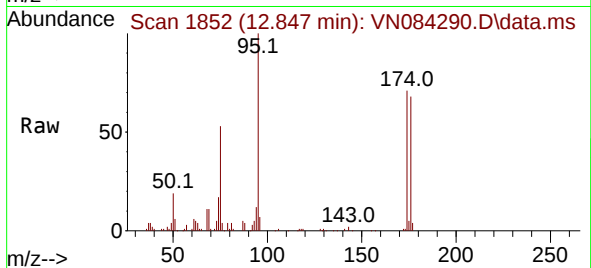
Tgt Ion:173 Resp: 746

Ion Ratio Lower Upper

173 100

175 599.9 23.5 70.6#

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. 0.000 min

Lab File: VN084290.D

Acq: 03 Oct 2024 11:52

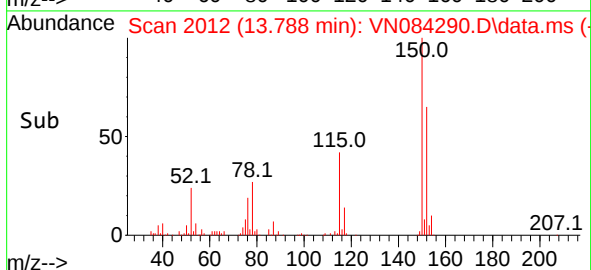
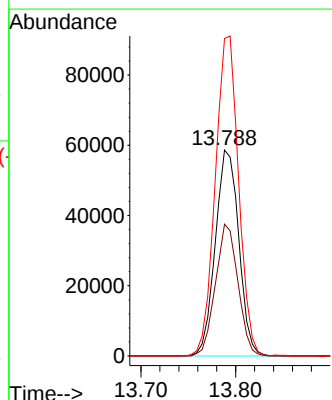
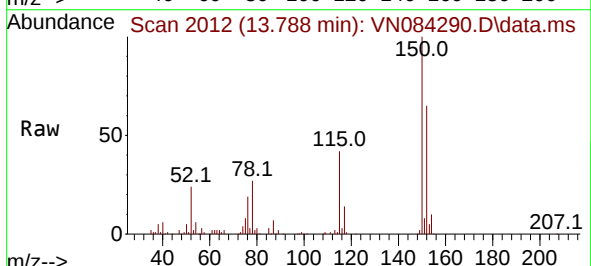
Tgt Ion:152 Resp: 101020

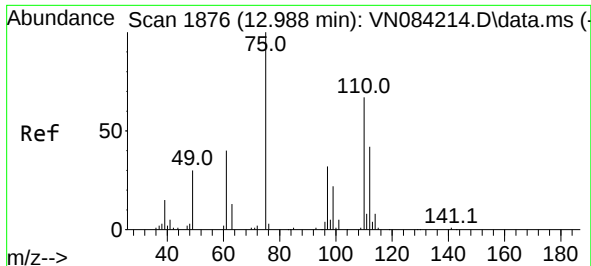
Ion Ratio Lower Upper

152 100

115 61.4 31.3 93.9

150 154.3 0.0 349.8

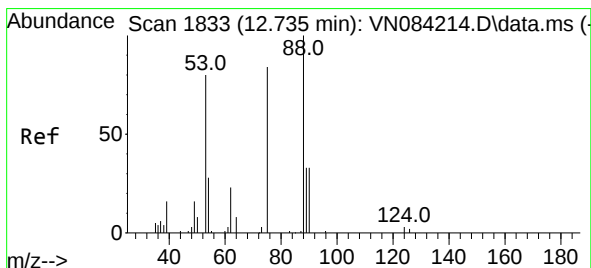
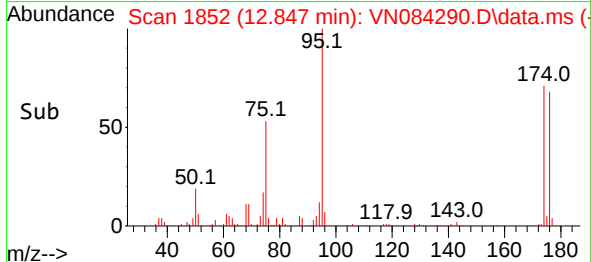
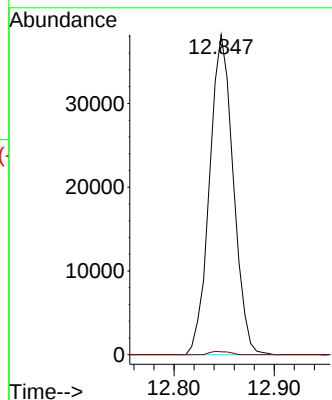
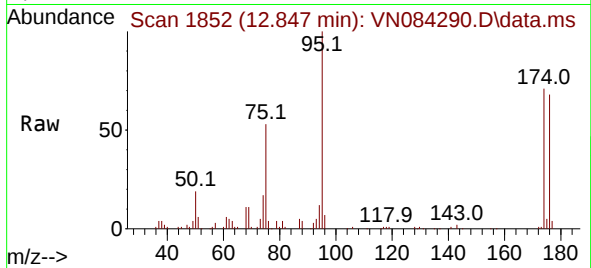




#76
1,2,3-Trichloropropane
Concen: 30.554 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084290.D
Acq: 03 Oct 2024 11:52

Instrument :
MSVOA_N
ClientSampleId :
TT205S1-20240925

Tgt Ion: 75 Resp: 63013
Ion Ratio Lower Upper
75 100
77 0.8 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.252 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084290.D
Acq: 03 Oct 2024 11:52

Tgt Ion: 75 Resp: 63013
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

