

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100224\
 Data File : VN084263.D
 Acq On : 02 Oct 2024 14:33
 Operator : JC\MD
 Sample : P4226-01DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT180D2-20240924DL

Quant Time: Oct 03 01:59:35 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)

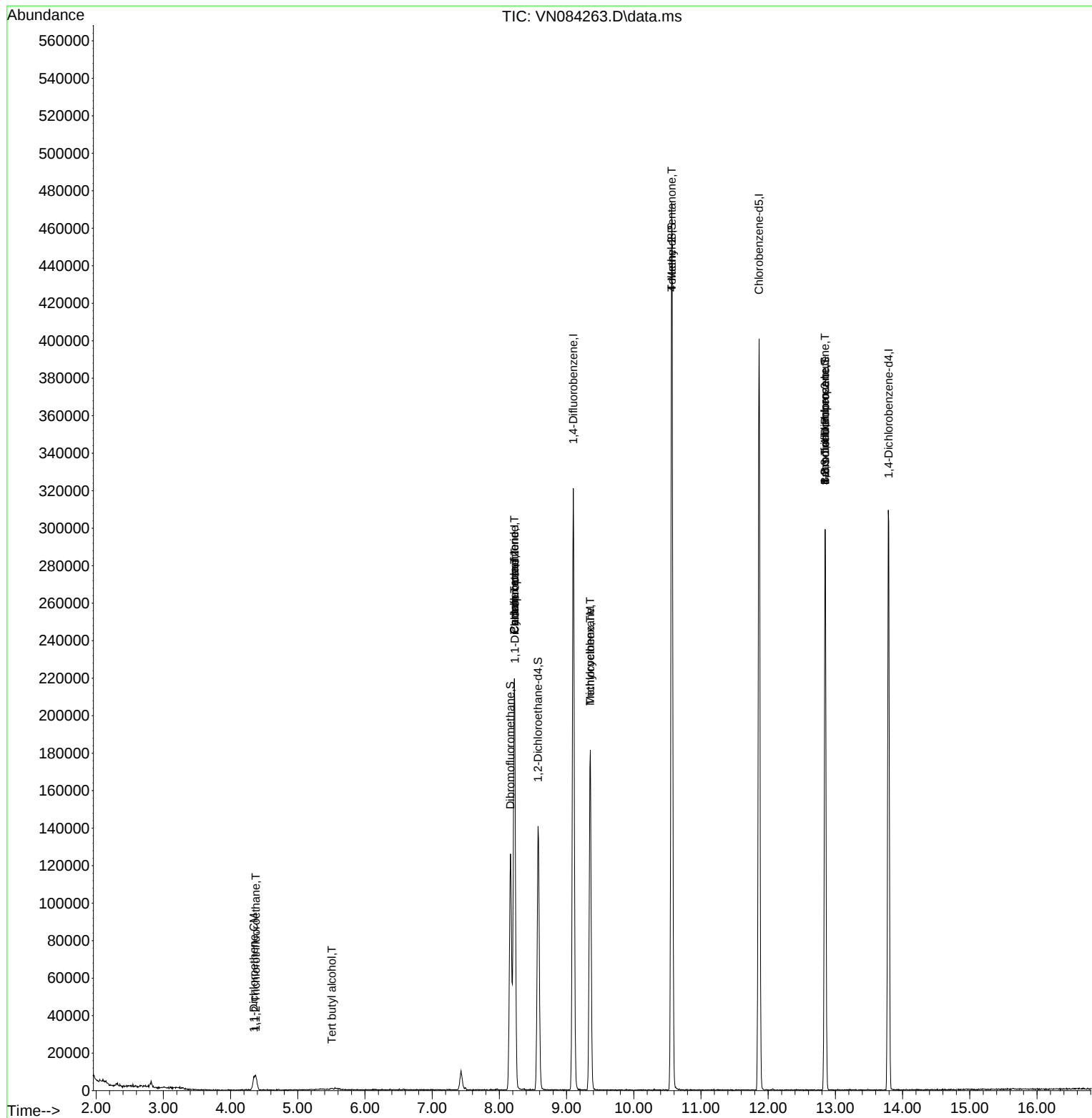
Internal Standards						
1) Pentafluorobenzene	8.224	168	155192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	265688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	225482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	83203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113872	49.488	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.980%		
35) Dibromofluoromethane	8.165	113	89283	50.973	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.940%		
50) Toluene-d8	10.565	98	323466	50.194	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.380%		
62) 4-Bromofluorobenzene	12.847	95	103601	44.129	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	88.260%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.377	101	4895	2.702	ug/l	99
11) Tert butyl alcohol	5.506	59	162	0.427	ug/l #	73
12) 1,1-Dichloroethene	4.348	96	2597	1.486	ug/l	99
31) Cyclohexane	8.224	56	3707	1.088	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	13466	5.293	ug/l #	48
38) Carbon Tetrachloride	8.224	117	17185	6.158	ug/l #	15
39) Methylcyclohexane	9.353	83	746	0.263	ug/l #	1
44) Trichloroethene	9.353	130	62867	33.956	ug/l	92
51) 4-Methyl-2-Pentanone	10.565	43	1178	0.474	ug/l #	1
71) Bromoform	12.847	173	708	0.558	ug/l #	30
76) 1,2,3-Trichloropropane	12.847	75	55423	32.628	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	55423	78.225	ug/l #	11

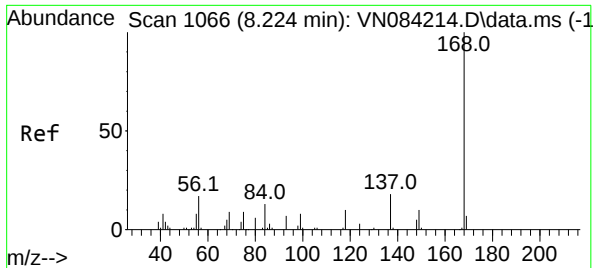
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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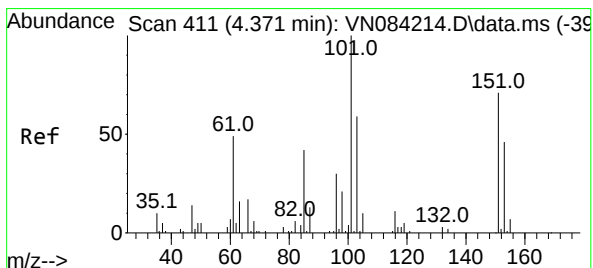
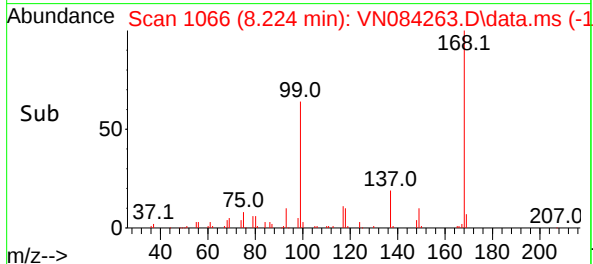
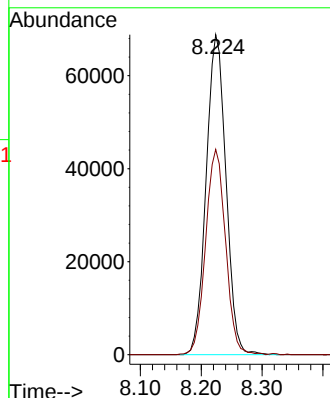
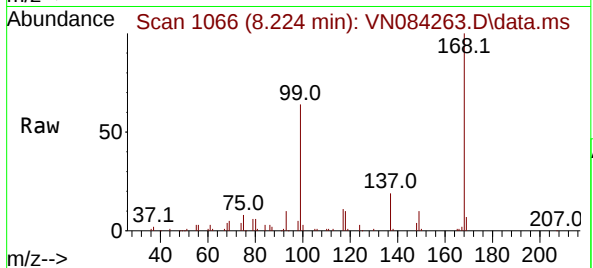




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084263.D
Acq: 02 Oct 2024 14:33

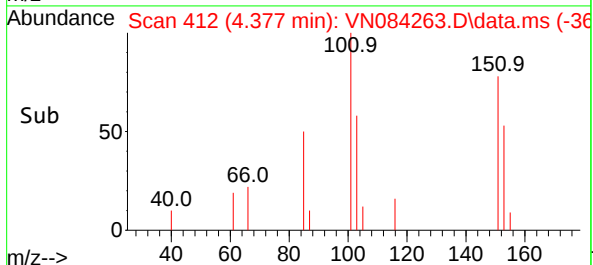
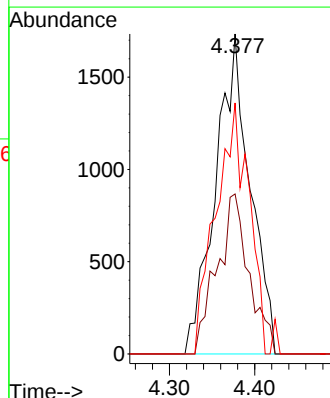
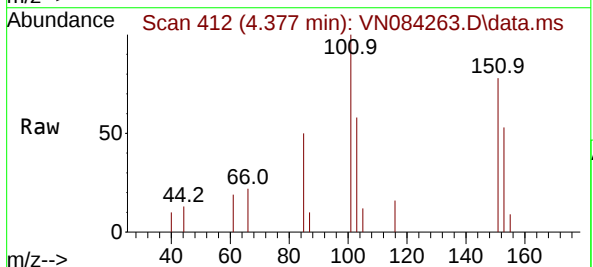
Instrument :
MSVOA_N
ClientSampleId :
TT180D2-20240924DL

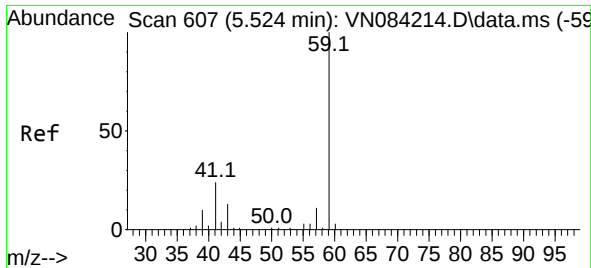
Tgt Ion:168 Resp: 155192
Ion Ratio Lower Upper
168 100
99 64.1 54.2 81.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.702 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN084263.D
Acq: 02 Oct 2024 14:33

Tgt Ion:101 Resp: 4895
Ion Ratio Lower Upper
101 100
85 46.2 36.2 54.4
151 75.3 59.3 88.9

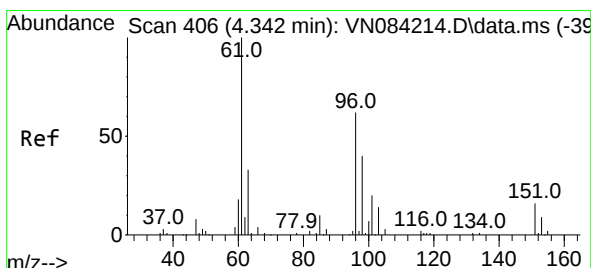
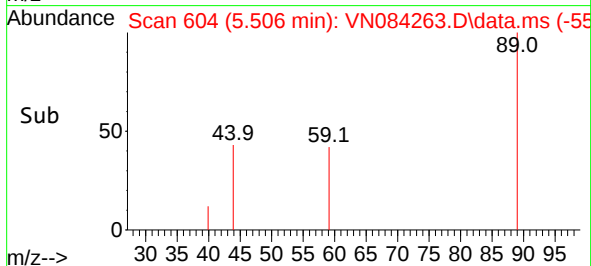
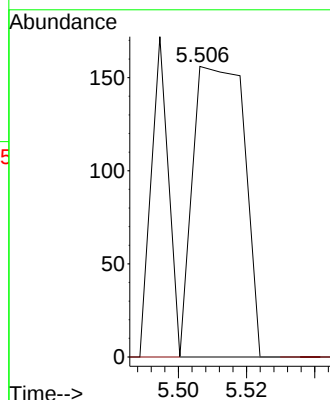
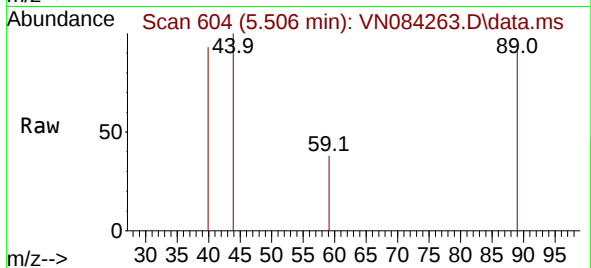




#11
Tert butyl alcohol
Concen: 0.427 ug/l
RT: 5.506 min Scan# 607
Delta R.T. -0.018 min
Lab File: VN084263.D
Acq: 02 Oct 2024 14:33

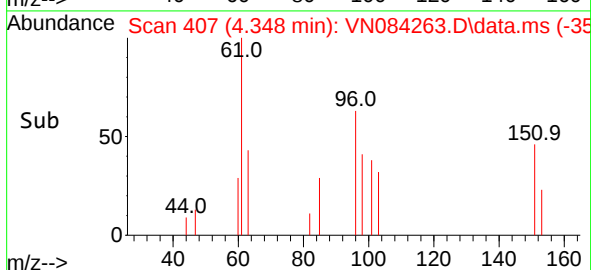
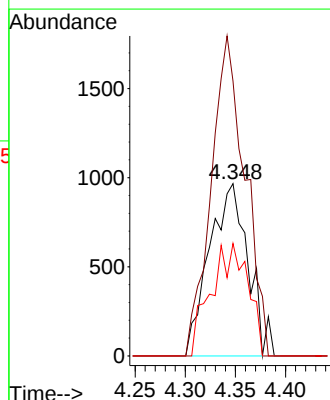
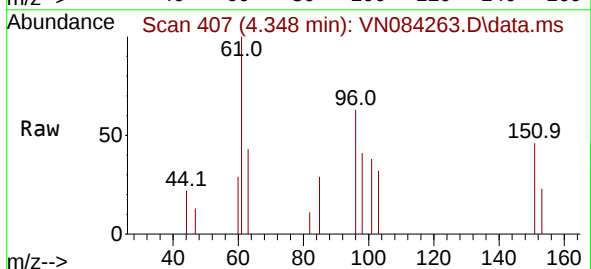
Instrument :
MSVOA_N
ClientSampleId :
TT180D2-20240924DL

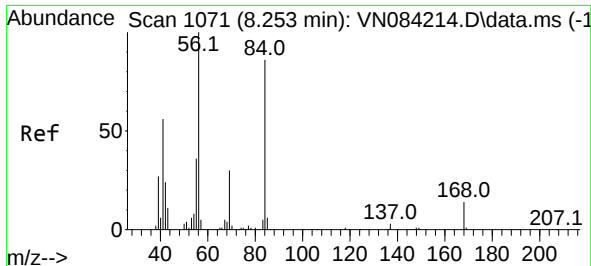
Tgt Ion: 59 Resp: 162
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 1.486 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN084263.D
Acq: 02 Oct 2024 14:33

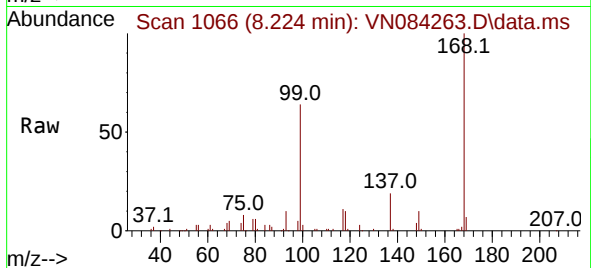
Tgt Ion: 96 Resp: 2597
Ion Ratio Lower Upper
96 100
61 159.5 128.6 192.8
98 65.3 51.7 77.5



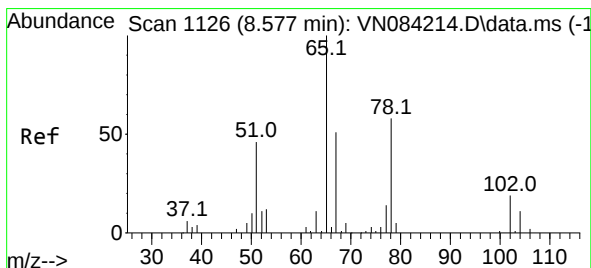
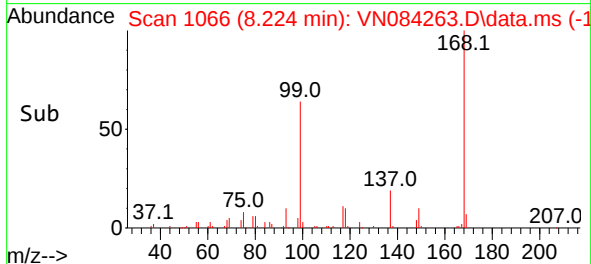
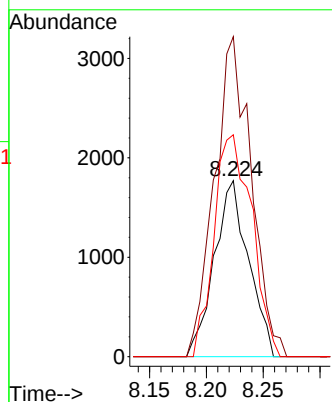


#31
Cyclohexane
Concen: 1.088 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084263.D
Acq: 02 Oct 2024 14:33

Instrument :
MSVOA_N
ClientSampleId :
TT180D2-20240924DL

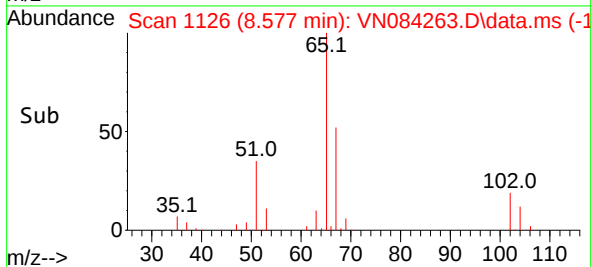
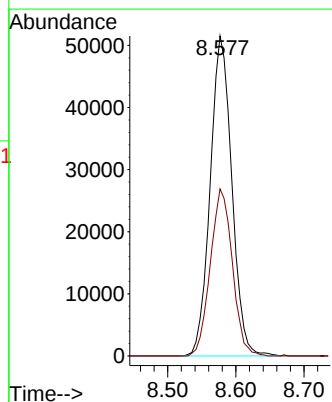
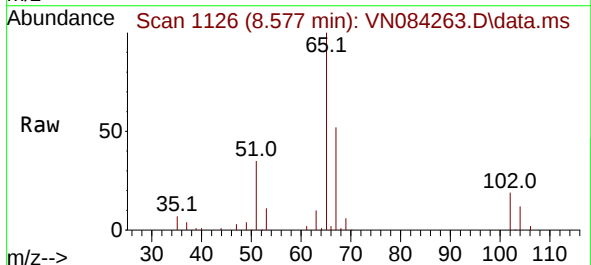


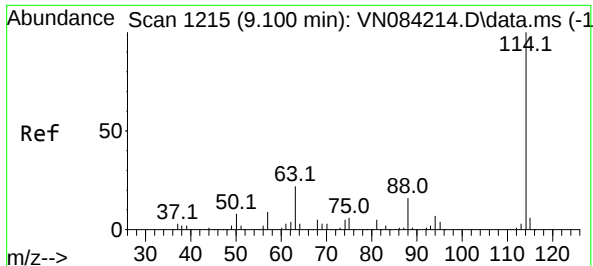
Tgt Ion: 56 Resp: 3707
Ion Ratio Lower Upper
56 100
69 181.8 23.8 35.6#
84 126.0 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 49.488 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084263.D
Acq: 02 Oct 2024 14:33

Tgt Ion: 65 Resp: 113872
Ion Ratio Lower Upper
65 100
67 53.2 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084263.D

Acq: 02 Oct 2024 14:33

Instrument :

MSVOA_N

ClientSampleId :

TT180D2-20240924DL

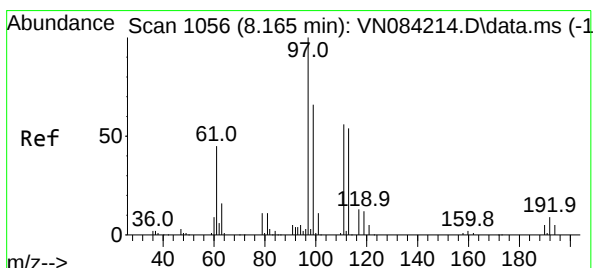
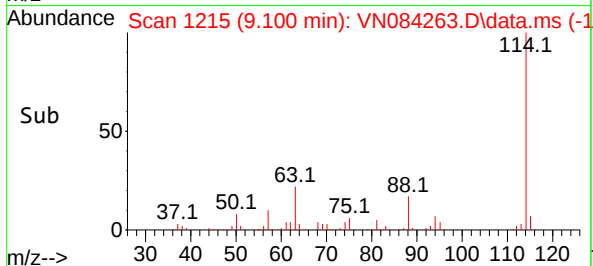
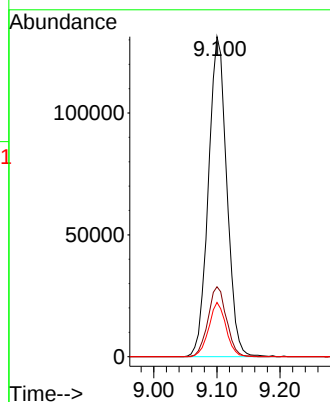
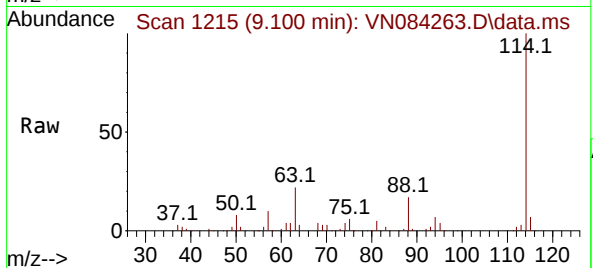
Tgt Ion:114 Resp: 265688

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.8

88 17.0 0.0 31.6



#35

Dibromofluoromethane

Concen: 50.973 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084263.D

Acq: 02 Oct 2024 14:33

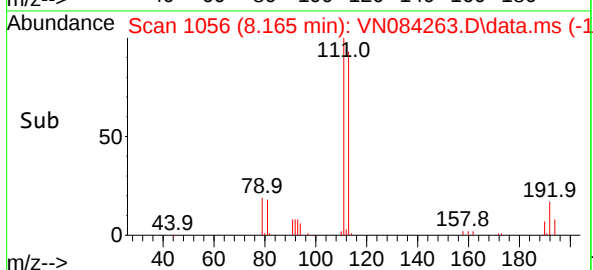
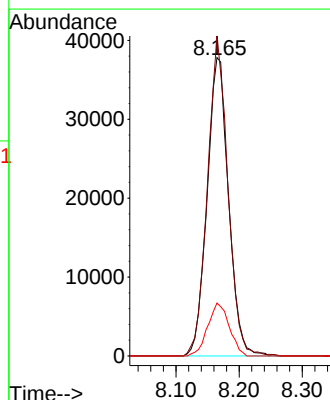
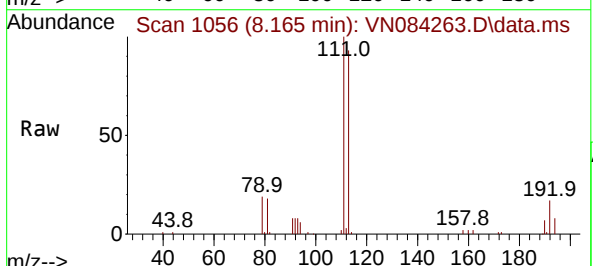
Tgt Ion:113 Resp: 89283

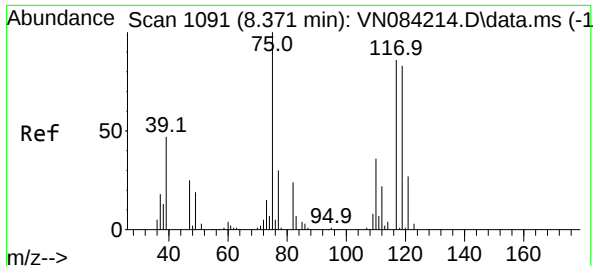
Ion Ratio Lower Upper

113 100

111 102.2 83.3 124.9

192 17.8 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.293 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN084263.D

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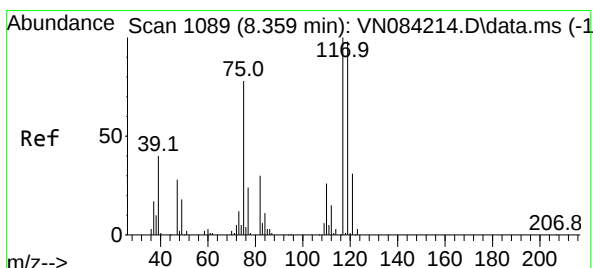
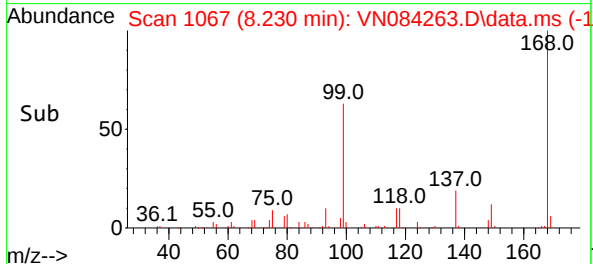
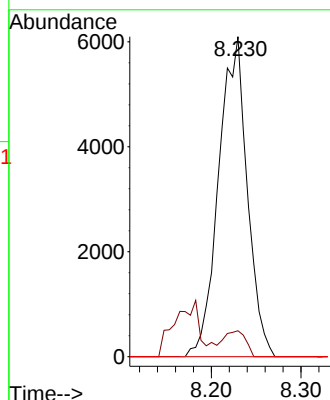
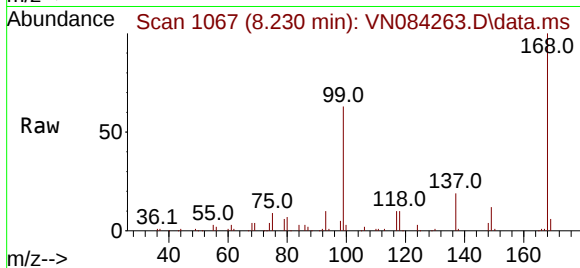
Tgt Ion: 75 Resp: 13466

Ion Ratio Lower Upper

75 100

110 6.2 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.158 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN084263.D

Acq: 02 Oct 2024 14:33

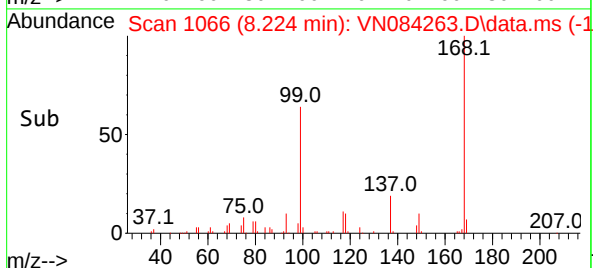
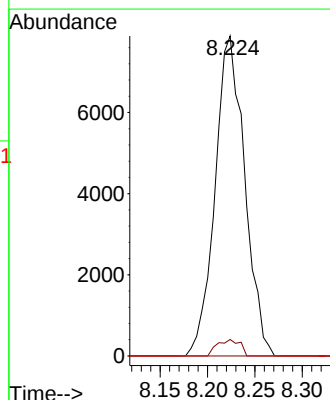
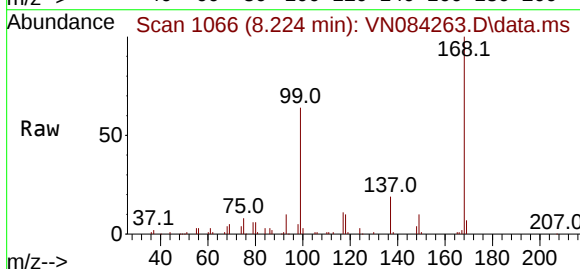
Tgt Ion: 117 Resp: 17185

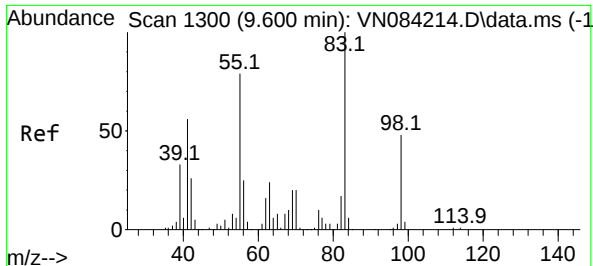
Ion Ratio Lower Upper

117 100

119 5.1 78.7 118.1#

121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.263 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.247 min

Lab File: VN084263.D

Acq: 02 Oct 2024 14:33

Instrument :

MSVOA_N

ClientSampleId :

TT180D2-20240924DL

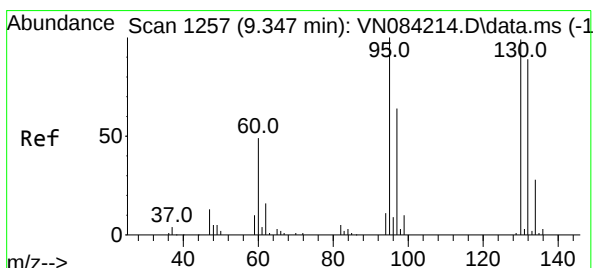
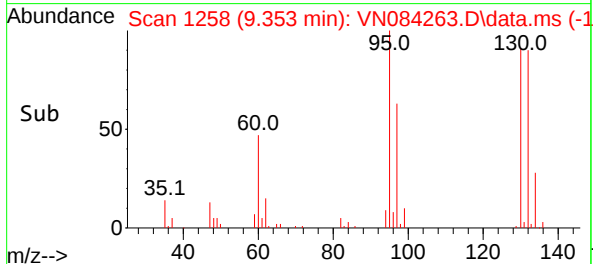
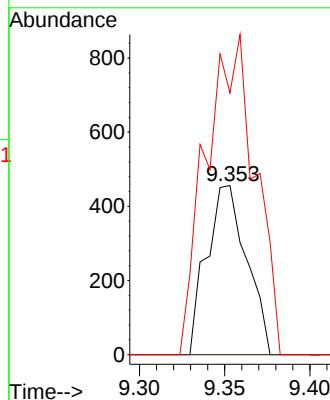
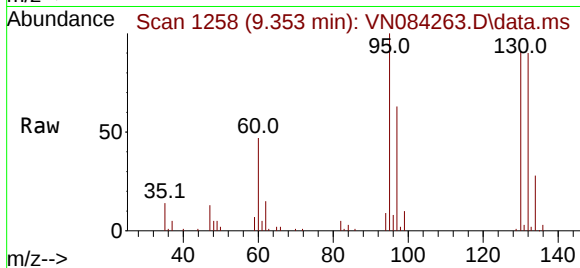
Tgt Ion: 83 Resp: 746

Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 154.8 38.8 58.2#



#44

Trichloroethene

Concen: 33.956 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN084263.D

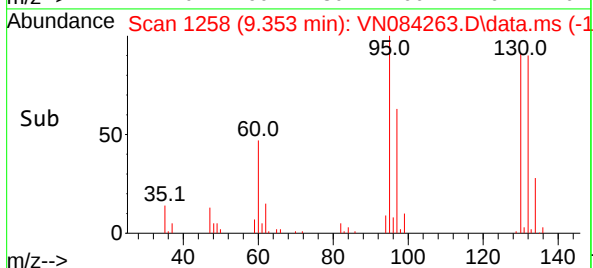
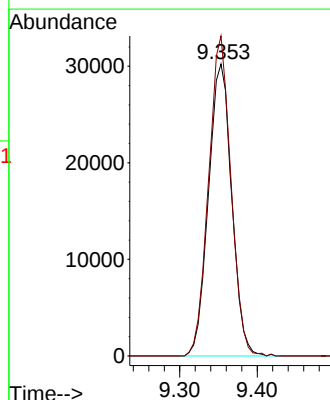
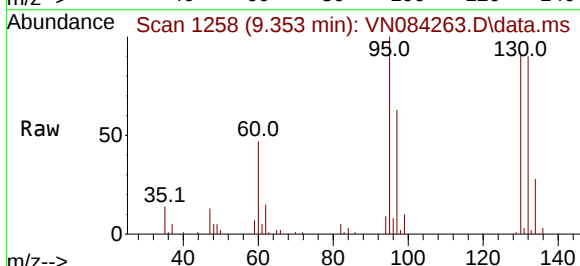
Acq: 02 Oct 2024 14:33

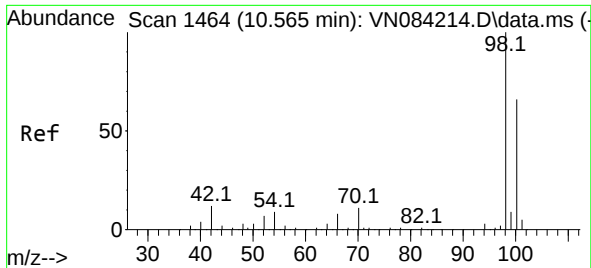
Tgt Ion:130 Resp: 62867

Ion Ratio Lower Upper

130 100

95 109.6 0.0 203.0

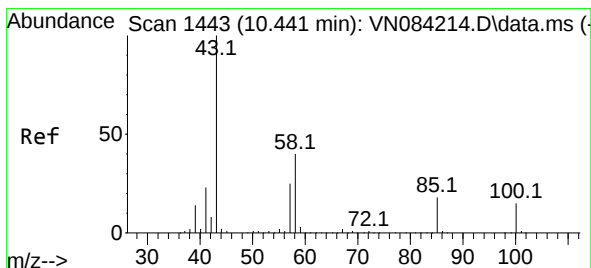
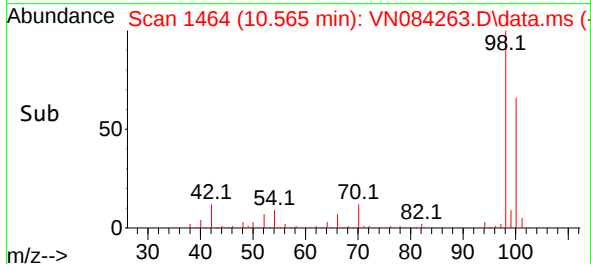
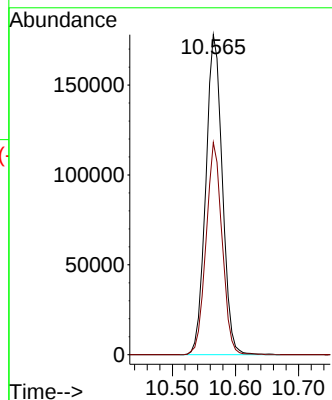
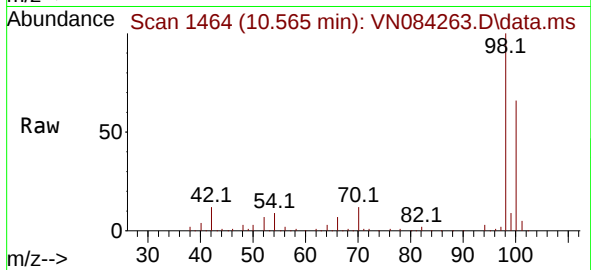




#50
Toluene-d8
Concen: 50.194 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084263.D
Acq: 02 Oct 2024 14:33

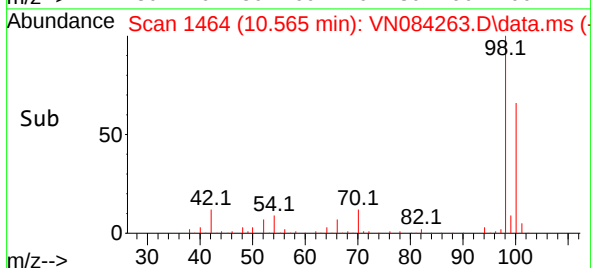
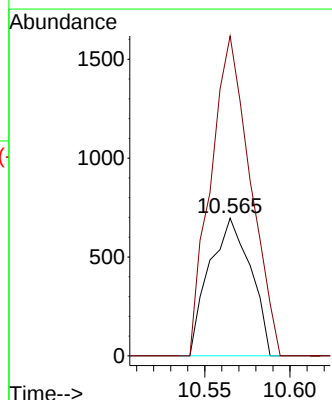
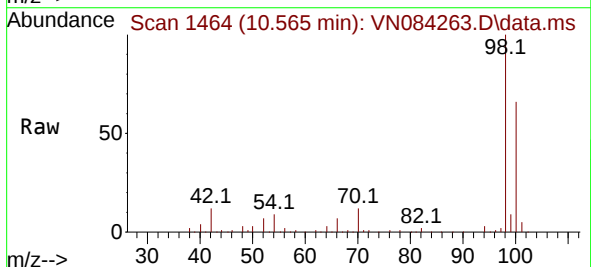
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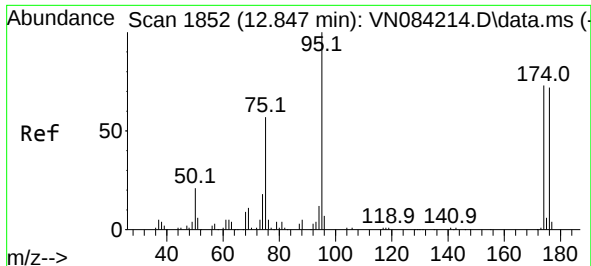
Tgt Ion: 98 Resp: 323466
Ion Ratio Lower Upper
98 100
100 64.4 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.474 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN084263.D
Acq: 02 Oct 2024 14:33

Tgt Ion: 43 Resp: 1178
Ion Ratio Lower Upper
43 100
58 221.9 31.6 47.4#

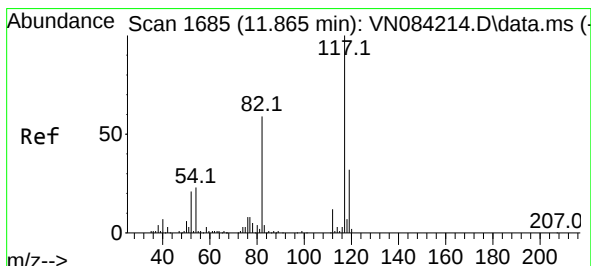
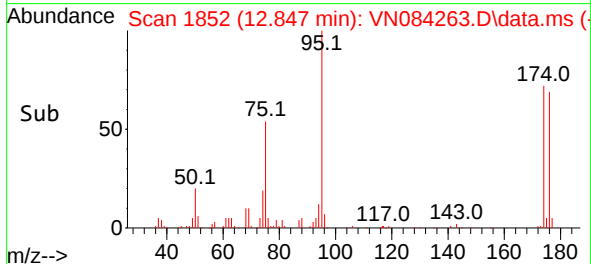
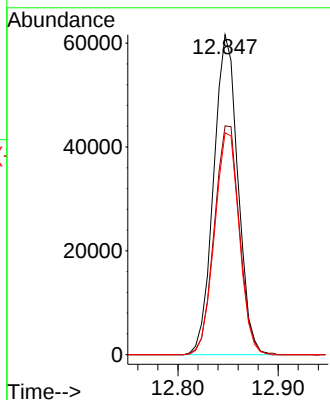
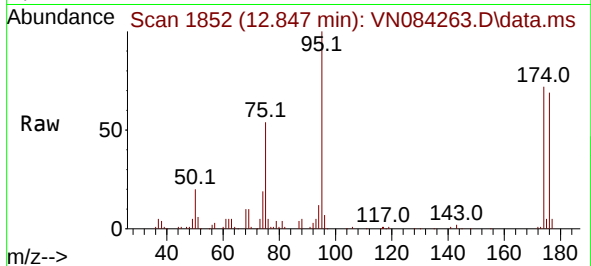




#62
4-Bromofluorobenzene
Concen: 44.129 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084263.D
Acq: 02 Oct 2024 14:33

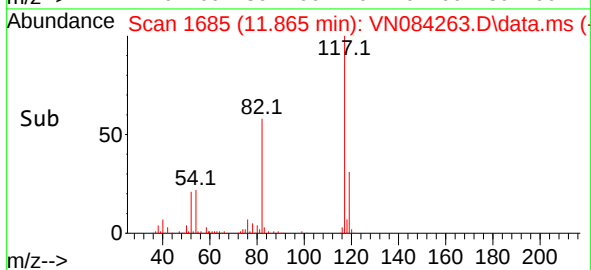
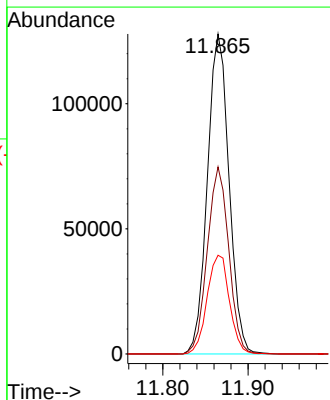
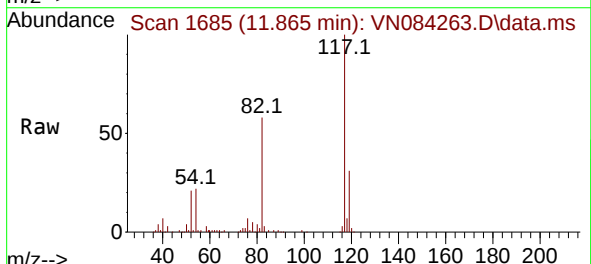
Instrument :
MSVOA_N
ClientSampleId :
TT180D2-20240924DL

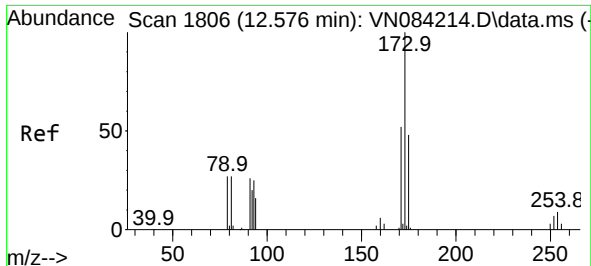
Tgt Ion: 95 Resp: 103601
Ion Ratio Lower Upper
95 100
174 74.2 0.0 145.2
176 70.7 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084263.D
Acq: 02 Oct 2024 14:33

Tgt Ion: 117 Resp: 225482
Ion Ratio Lower Upper
117 100
82 58.4 47.2 70.8
119 30.9 25.4 38.0

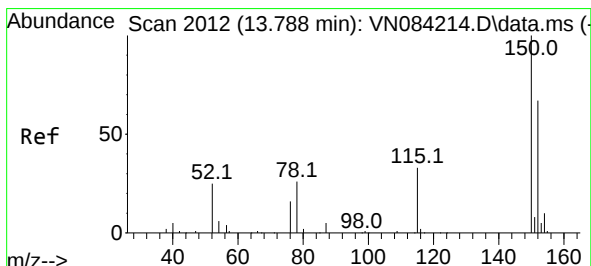
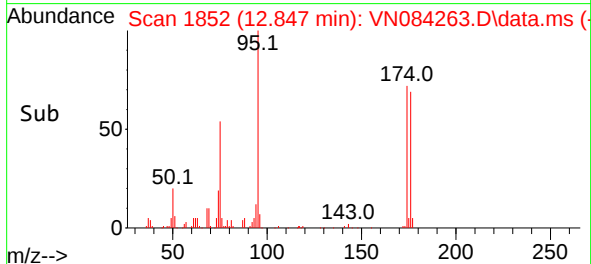
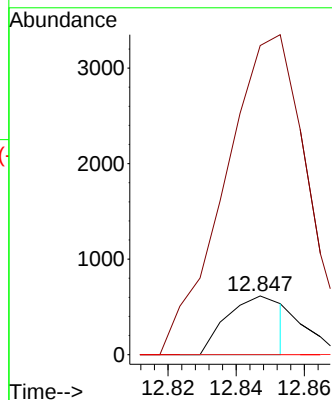
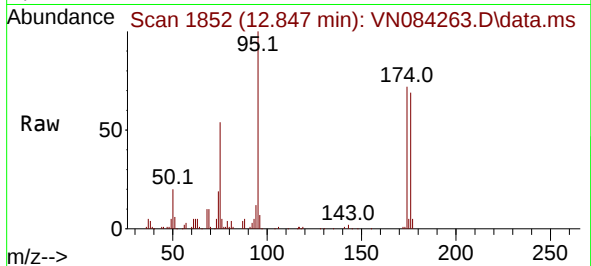




#71
Bromoform
Concen: 0.558 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.271 min
Lab File: VN084263.D
Acq: 02 Oct 2024 14:33

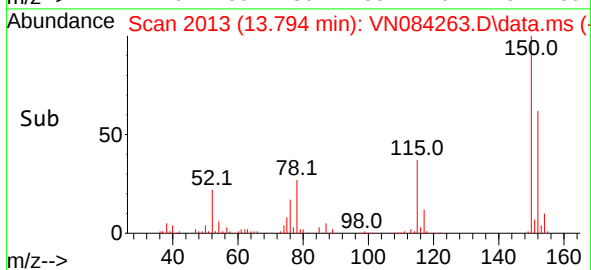
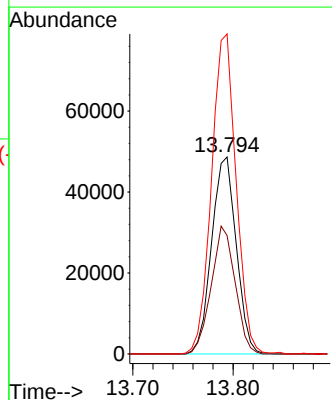
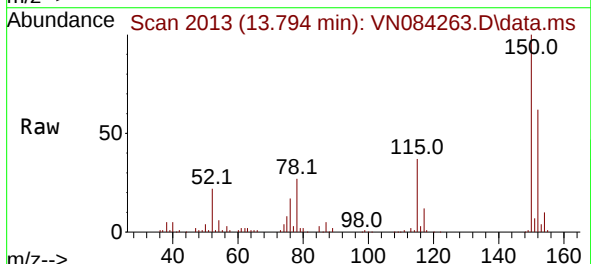
Instrument :
MSVOA_N
ClientSampleId :
TT180D2-20240924DL

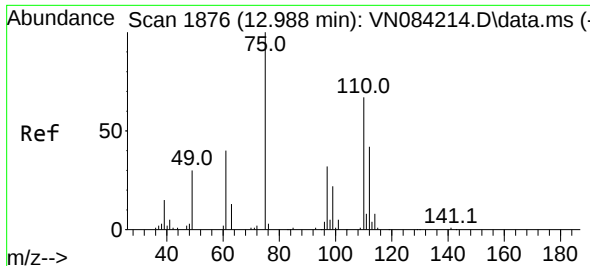
Tgt Ion:173 Resp: 708
Ion Ratio Lower Upper
173 100
175 0.0 23.5 70.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084263.D
Acq: 02 Oct 2024 14:33

Tgt Ion:152 Resp: 83203
Ion Ratio Lower Upper
152 100
115 62.8 31.3 93.9
150 162.0 0.0 349.8

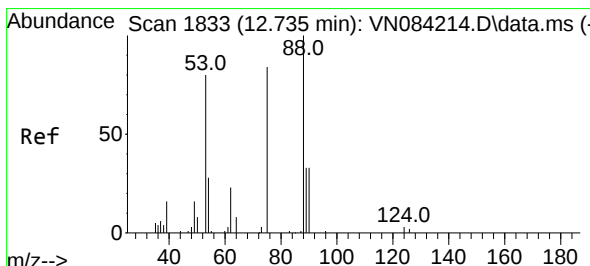
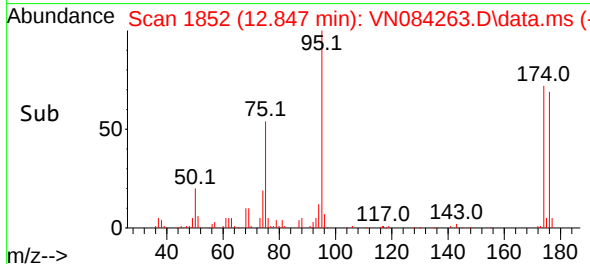
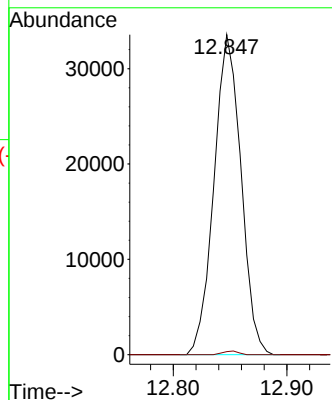
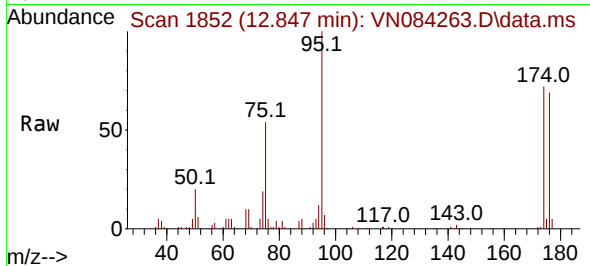




#76
1,2,3-Trichloropropane
Concen: 32.628 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084263.D
Acq: 02 Oct 2024 14:33

Instrument :
MSVOA_N
ClientSampleId :
TT180D2-20240924DL

Tgt Ion: 75 Resp: 55423
Ion Ratio Lower Upper
75 100
77 0.7 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.225 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084263.D
Acq: 02 Oct 2024 14:33

Tgt Ion: 75 Resp: 55423
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

