

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100324\
 Data File : VN084289.D
 Acq On : 03 Oct 2024 11:28
 Operator : JC\MD
 Sample : P4226-13DL 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D2-20240925DL

Quant Time: Oct 04 01:32:03 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)

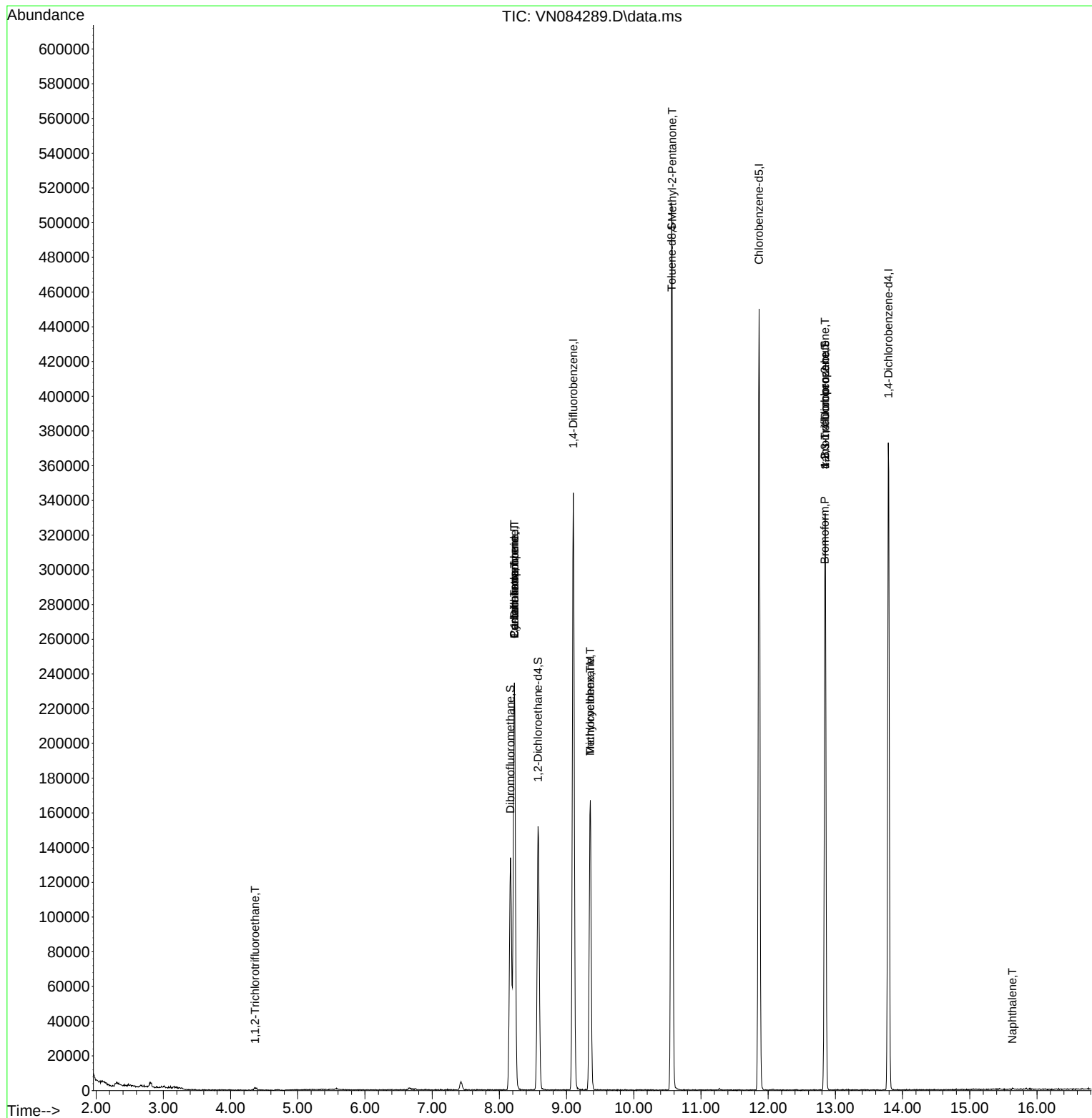
Internal Standards						
1) Pentafluorobenzene	8.224	168	166188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	288807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	247322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	99022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	123902	50.284	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.560%			
35) Dibromofluoromethane	8.165	113	96236	50.544	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.080%			
50) Toluene-d8	10.565	98	351627	50.197	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.400%			
62) 4-Bromofluorobenzene	12.847	95	117637	46.096	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.200%			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.365	101	663	0.342	ug/l #	25
31) Cyclohexane	8.224	56	4028	1.104	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14756	5.336	ug/l #	50
38) Carbon Tetrachloride	8.224	117	18315	6.037	ug/l #	14
39) Methylcyclohexane	9.353	83	825	0.268	ug/l #	1
44) Trichloroethene	9.353	130	59358	29.494	ug/l	93
51) 4-Methyl-2-Pentanone	10.571	43	1598	0.592	ug/l #	1
71) Bromoform	12.841	173	782	0.562	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	61758	30.550	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	61758	73.241	ug/l #	11
95) Naphthalene	15.635	128	1101	0.201	ug/l #	69

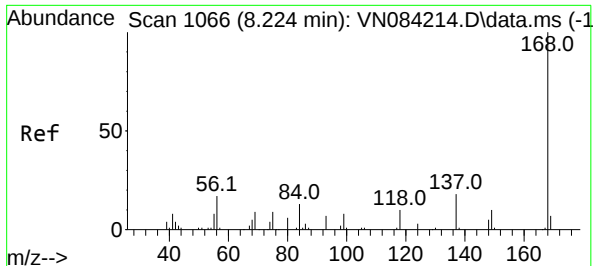
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

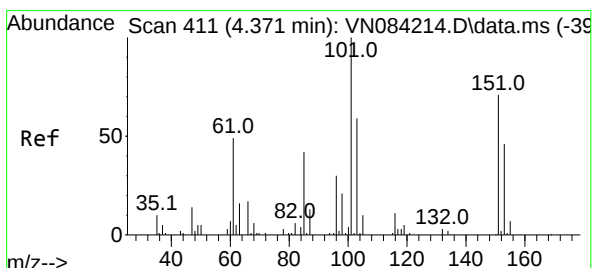
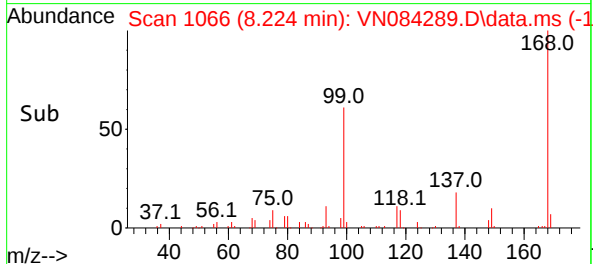
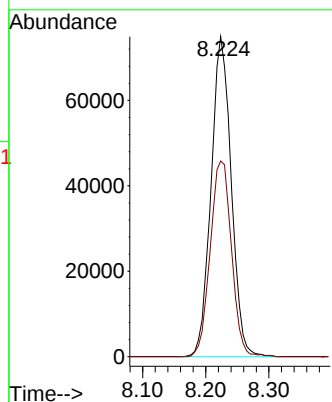
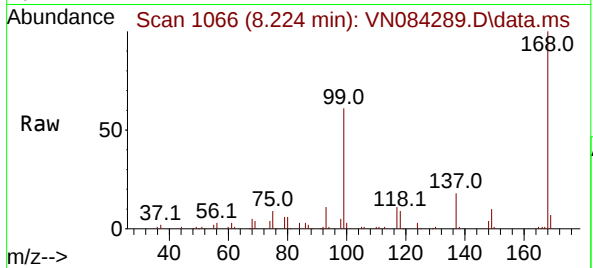




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084289.D
Acq: 03 Oct 2024 11:28

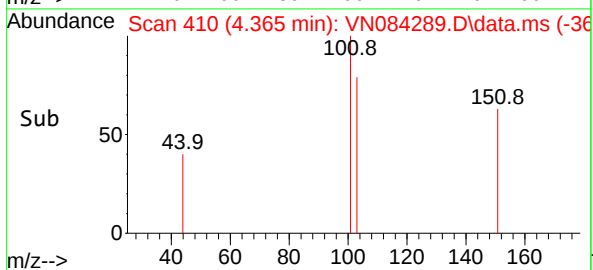
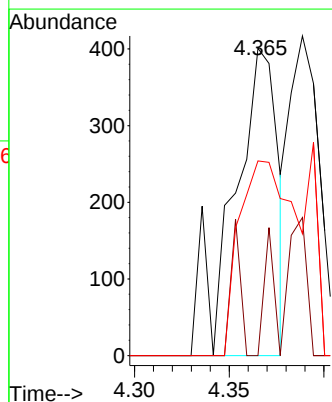
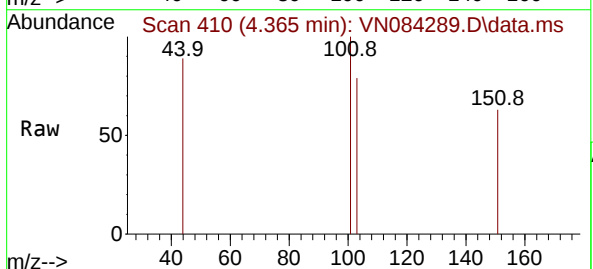
Instrument :
MSVOA_N
ClientSampleId :
TT101D2-20240925DL

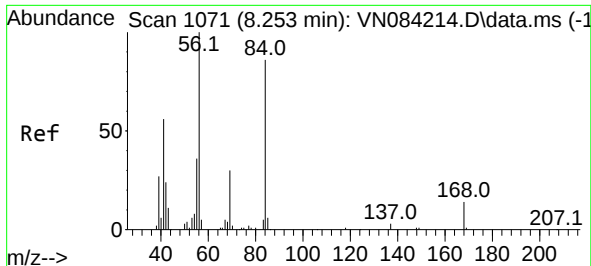
Tgt Ion:168 Resp: 166188
Ion Ratio Lower Upper
168 100
99 61.2 54.2 81.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.342 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN084289.D
Acq: 03 Oct 2024 11:28

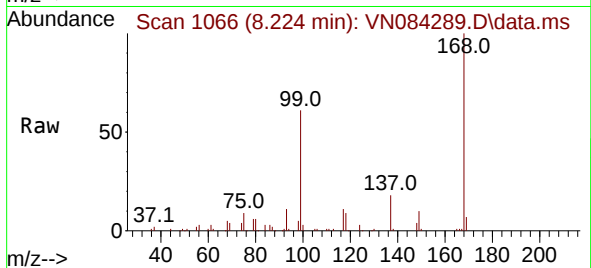
Tgt Ion:101 Resp: 663
Ion Ratio Lower Upper
101 100
85 9.5 36.2 54.4#
151 0.0 59.3 88.9#



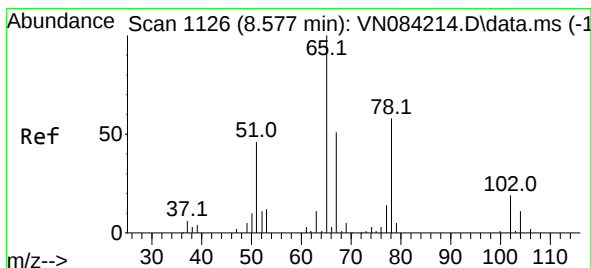
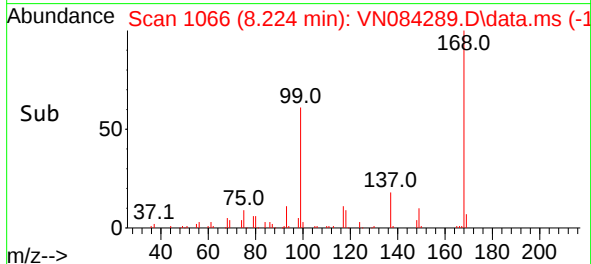
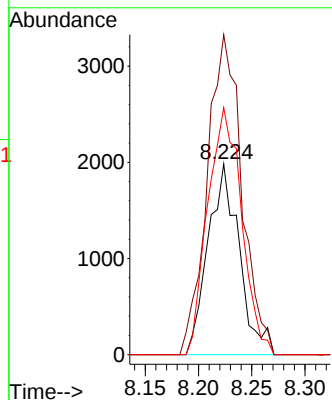


#31
Cyclohexane
Concen: 1.104 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084289.D
Acq: 03 Oct 2024 11:28

Instrument :
MSVOA_N
ClientSampleId :
TT101D2-20240925DL

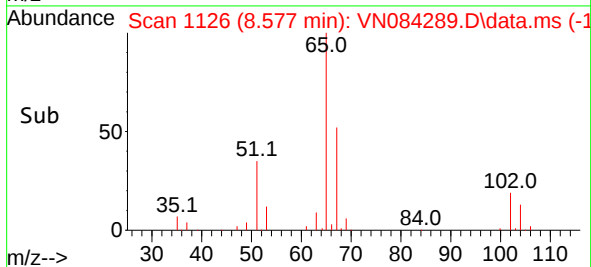
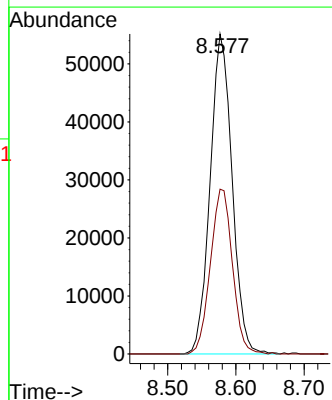
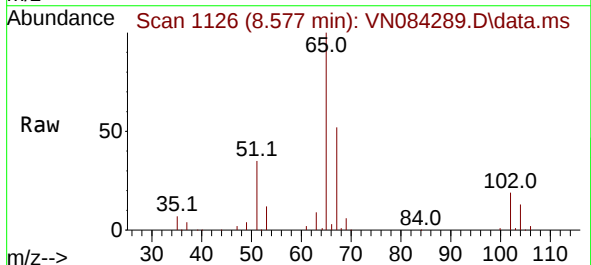


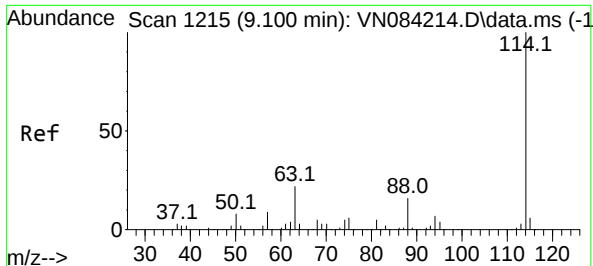
Tgt Ion: 56 Resp: 4028
Ion Ratio Lower Upper
56 100
69 167.8 23.8 35.6#
84 129.5 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 50.284 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084289.D
Acq: 03 Oct 2024 11:28

Tgt Ion: 65 Resp: 123902
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.0

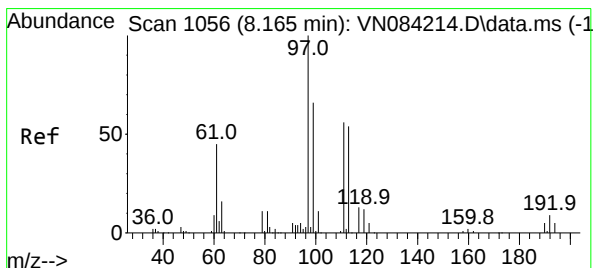
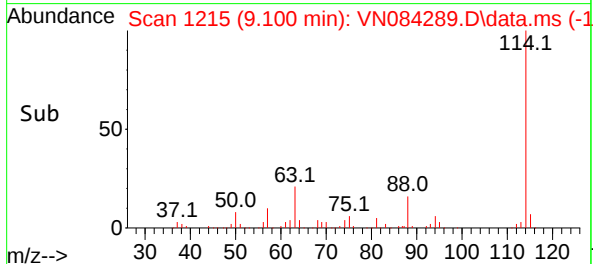
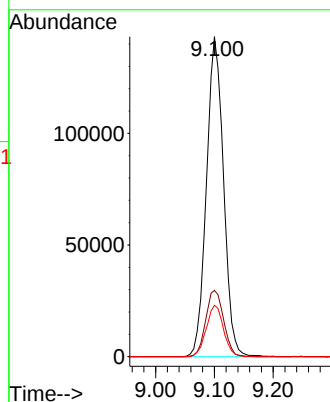
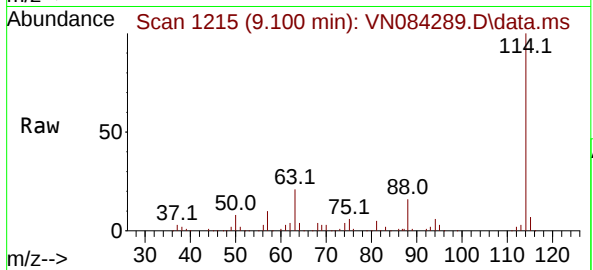




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084289.D
Acq: 03 Oct 2024 11:28

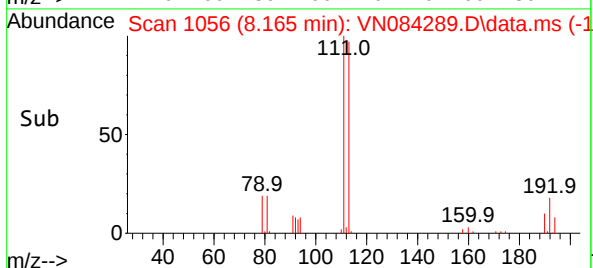
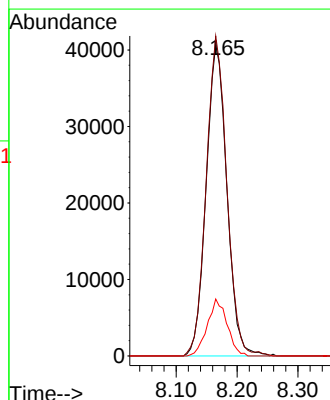
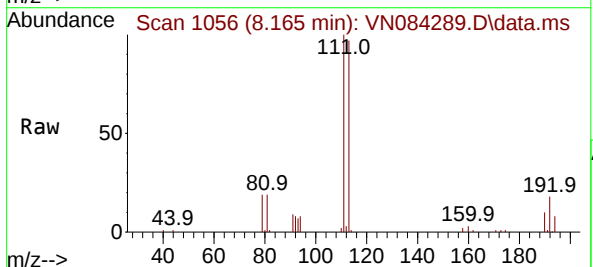
Instrument :
MSVOA_N
ClientSampleId :
TT101D2-20240925DL

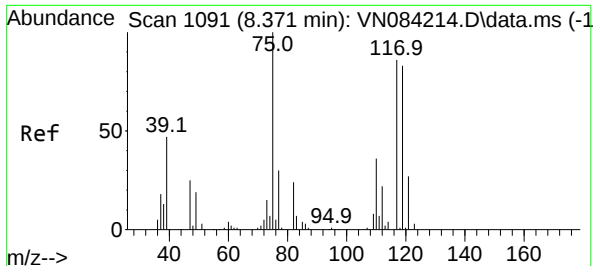
Tgt Ion:114 Resp: 288807
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.8
88 16.1 0.0 31.6



#35
Dibromofluoromethane
Concen: 50.544 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084289.D
Acq: 03 Oct 2024 11:28

Tgt Ion:113 Resp: 96236
Ion Ratio Lower Upper
113 100
111 102.2 83.3 124.9
192 17.4 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.336 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084289.D

Acq: 03 Oct 2024 11:28

Instrument :

MSVOA_N

ClientSampleId :

TT101D2-20240925DL

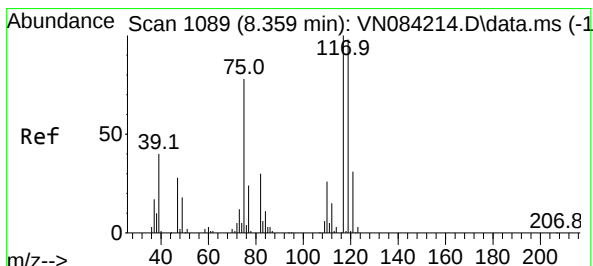
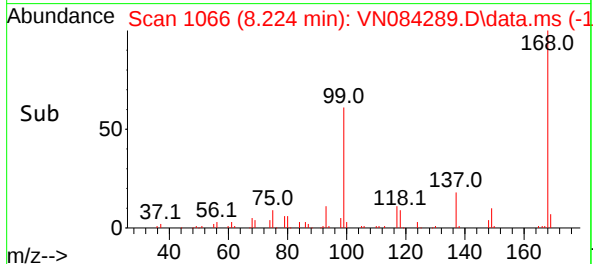
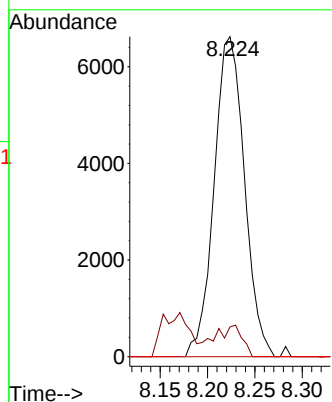
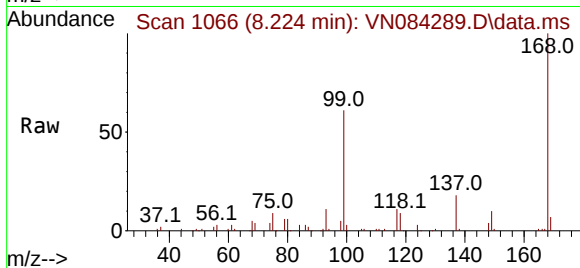
Tgt Ion: 75 Resp: 14756

Ion Ratio Lower Upper

75 100

110 8.6 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.037 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN084289.D

Acq: 03 Oct 2024 11:28

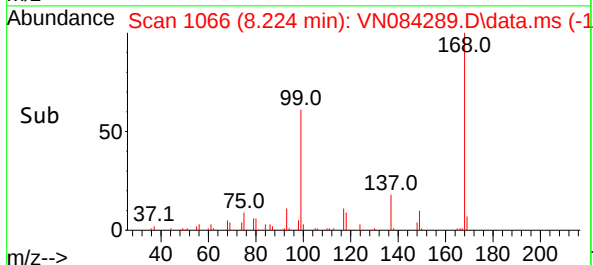
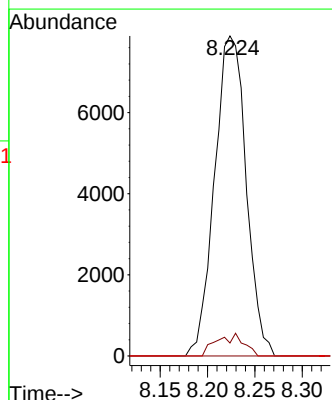
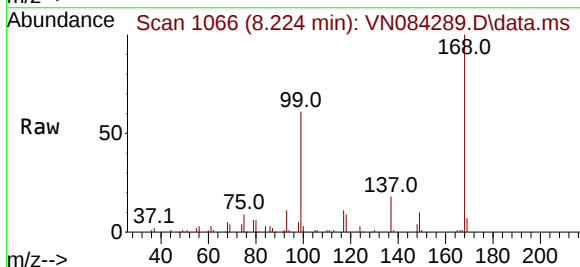
Tgt Ion: 117 Resp: 18315

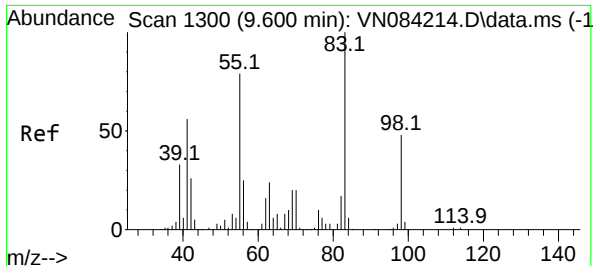
Ion Ratio Lower Upper

117 100

119 4.0 78.7 118.1#

121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.268 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.247 min

Lab File: VN084289.D

Acq: 03 Oct 2024 11:28

Instrument :

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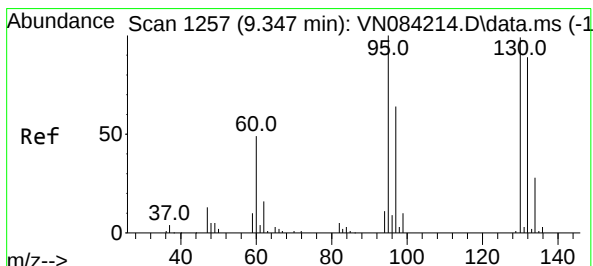
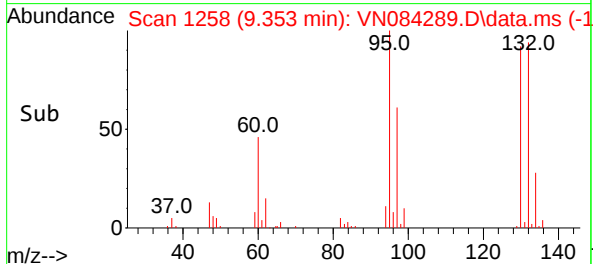
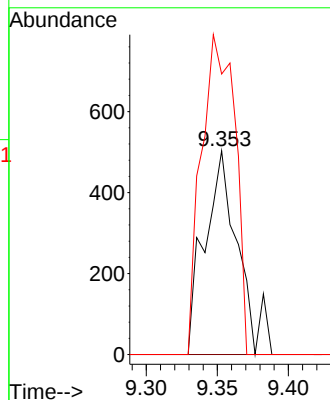
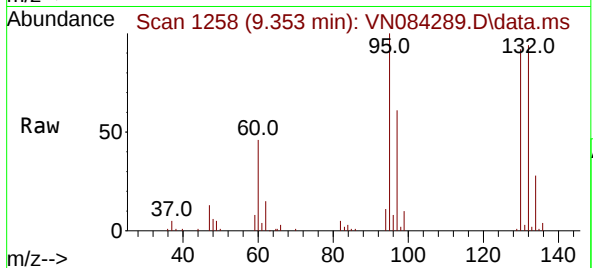
Tgt Ion: 83 Resp: 825

Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 137.8 38.8 58.2#



#44

Trichloroethene

Concen: 29.494 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN084289.D

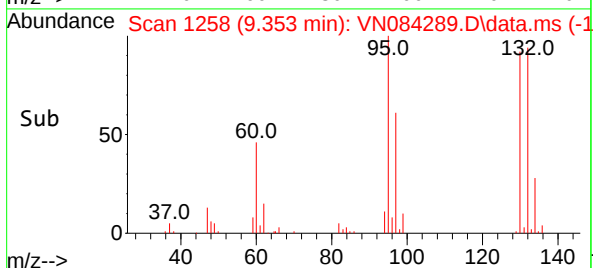
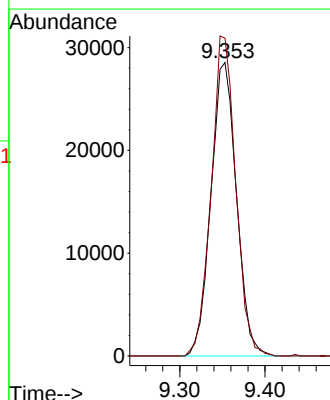
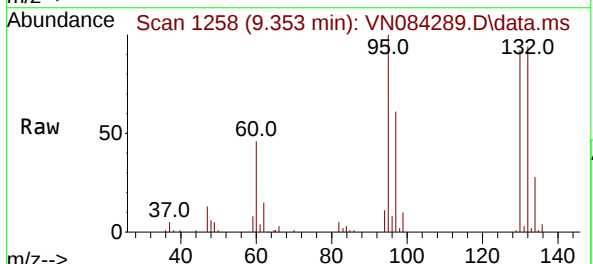
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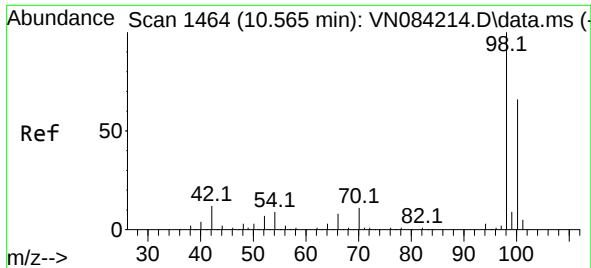
Tgt Ion:130 Resp: 59358

Ion Ratio Lower Upper

130 100

95 108.3 0.0 203.0

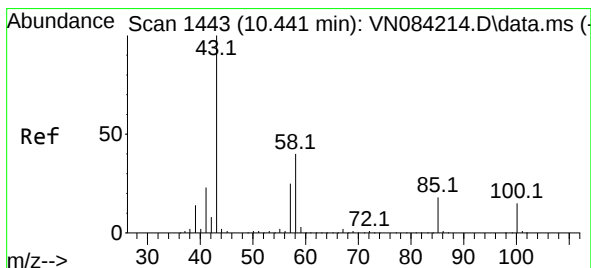
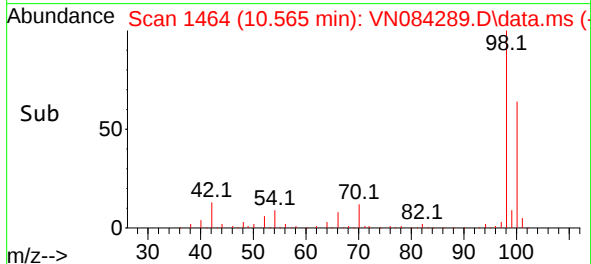
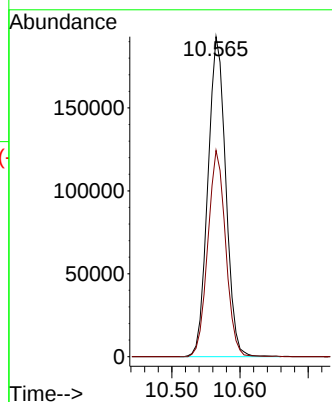
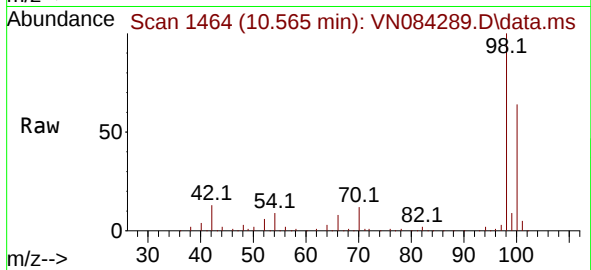




#50
Toluene-d8
Concen: 50.197 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084289.D
Acq: 03 Oct 2024 11:28

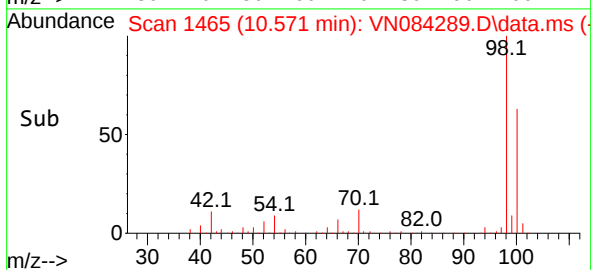
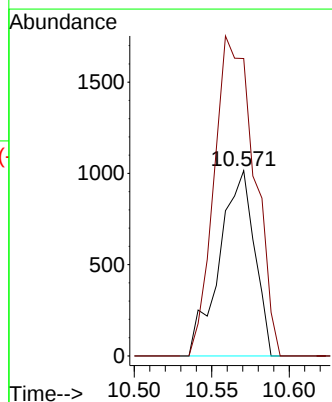
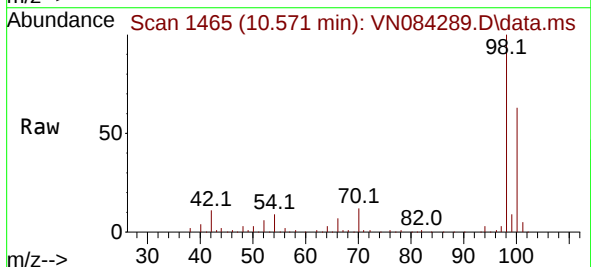
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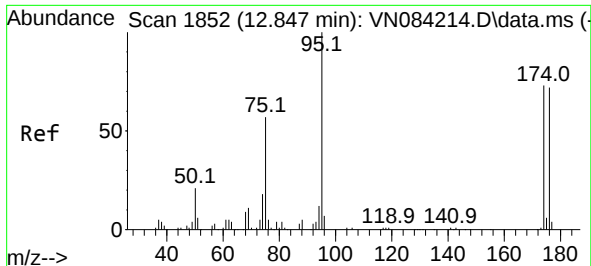
Tgt Ion: 98 Resp: 351627
Ion Ratio Lower Upper
98 100
100 64.3 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.592 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.129 min
Lab File: VN084289.D
Acq: 03 Oct 2024 11:28

Tgt Ion: 43 Resp: 1598
Ion Ratio Lower Upper
43 100
58 197.5 31.6 47.4#





#62

4-Bromofluorobenzene

Concen: 46.096 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084289.D

Acq: 03 Oct 2024 11:28

Instrument :

MSVOA_N

ClientSampleId :

TT101D2-20240925DL

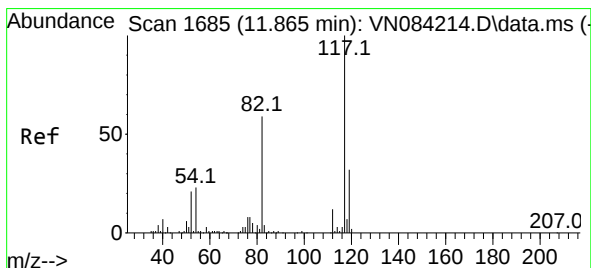
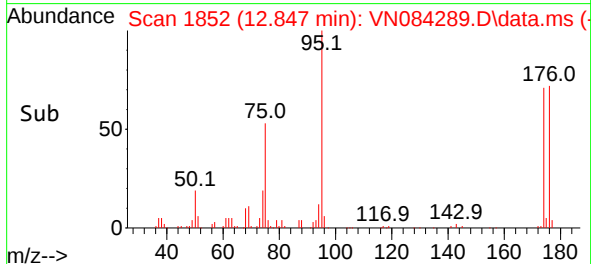
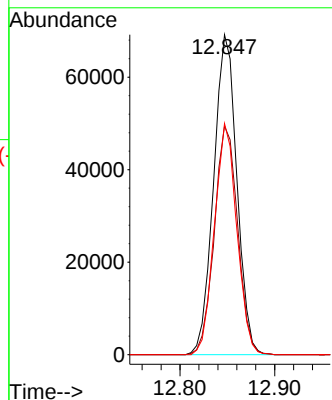
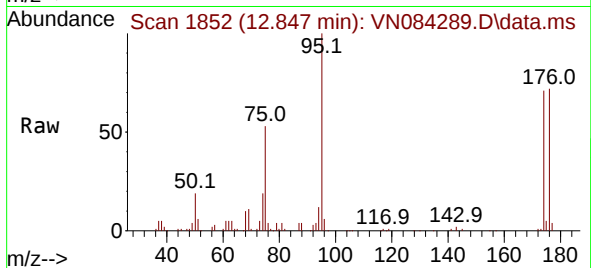
Tgt Ion: 95 Resp: 117637

Ion Ratio Lower Upper

95 100

174 72.2 0.0 145.2

176 69.8 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: VN084289.D

Acq: 03 Oct 2024 11:28

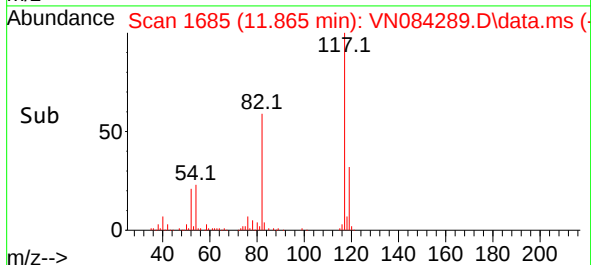
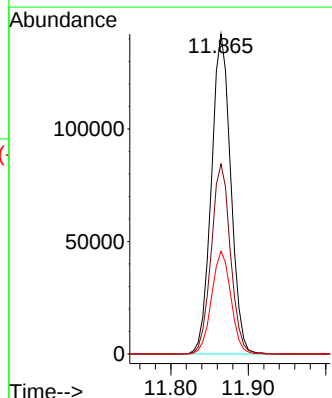
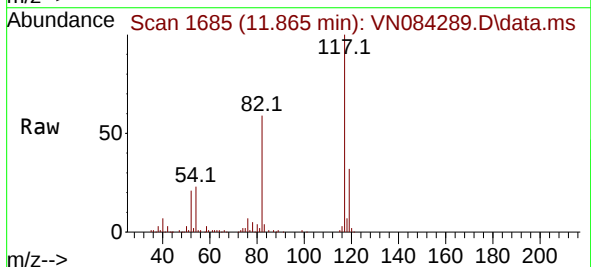
Tgt Ion: 117 Resp: 247322

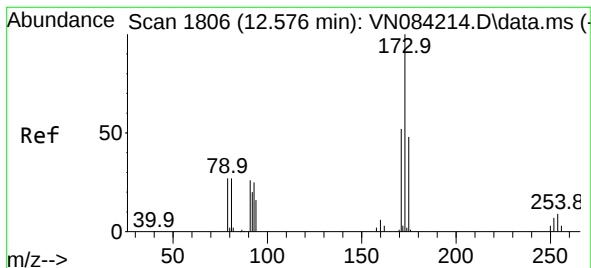
Ion Ratio Lower Upper

117 100

82 59.4 47.2 70.8

119 32.1 25.4 38.0





#71

Bromoform

Concen: 0.562 ug/l

RT: 12.841 min Scan# 1806

Delta R.T. 0.265 min

Lab File: VN084289.D

Acq: 03 Oct 2024 11:28

Instrument :

MSVOA_N

ClientSampleId :

TT101D2-20240925DL

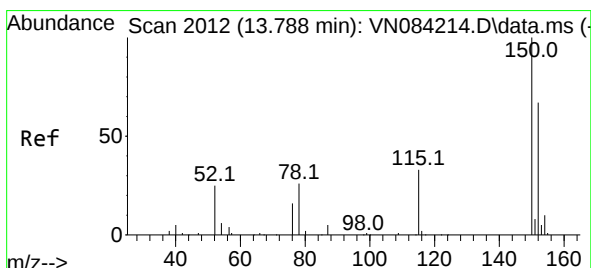
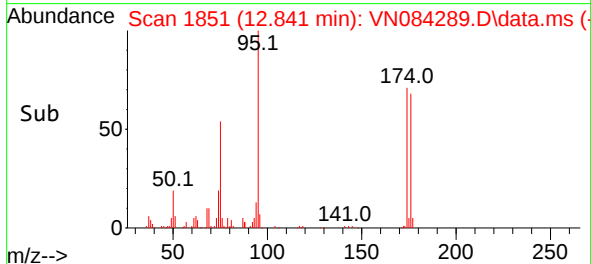
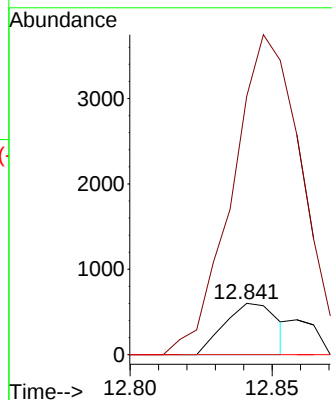
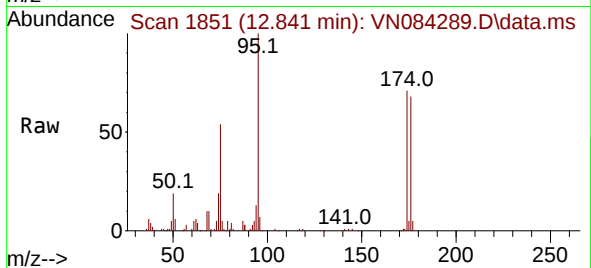
Tgt Ion:173 Resp: 782

Ion Ratio Lower Upper

173 100

175 608.1 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# 1212

Delta R.T. 0.000 min

Lab File: VN084289.D

Acq: 03 Oct 2024 11:28

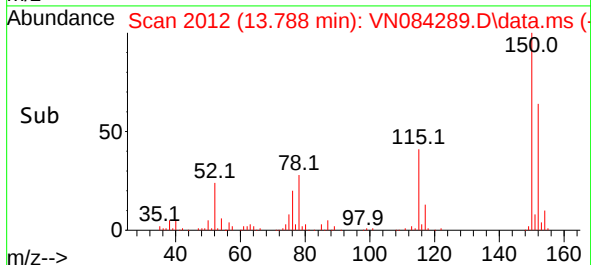
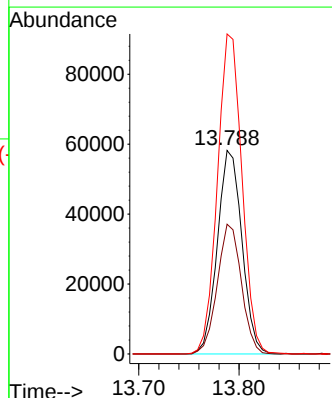
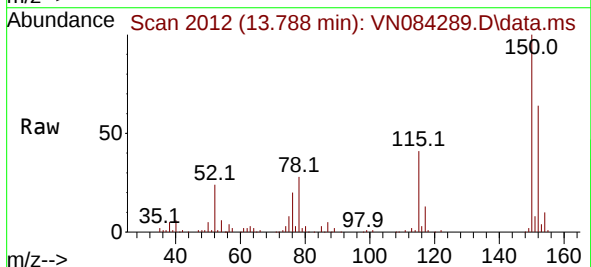
Tgt Ion:152 Resp: 99022

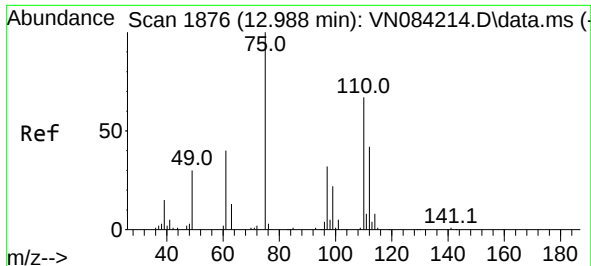
Ion Ratio Lower Upper

152 100

115 62.3 31.3 93.9

150 157.1 0.0 349.8

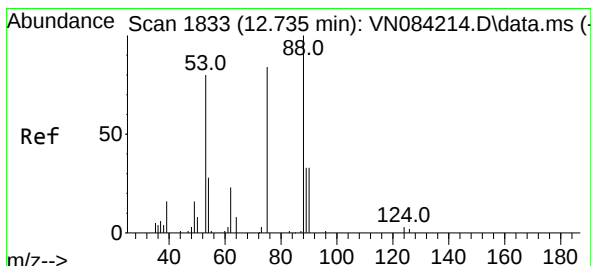
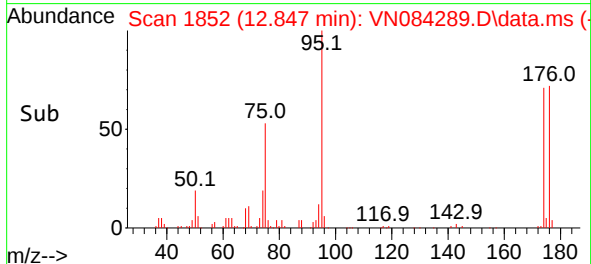
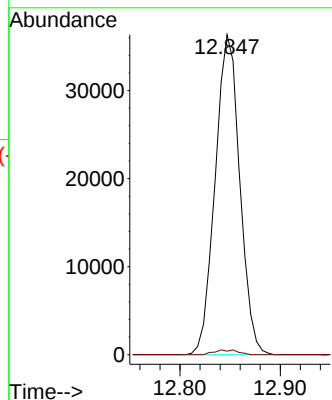
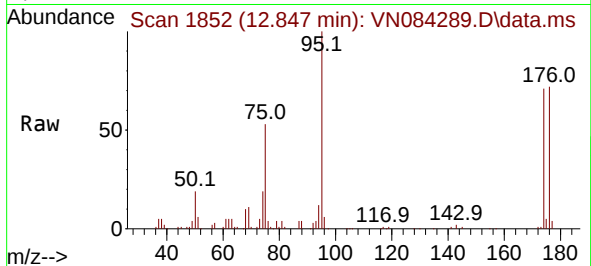




#76
1,2,3-Trichloropropane
Concen: 30.550 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084289.D
Acq: 03 Oct 2024 11:28

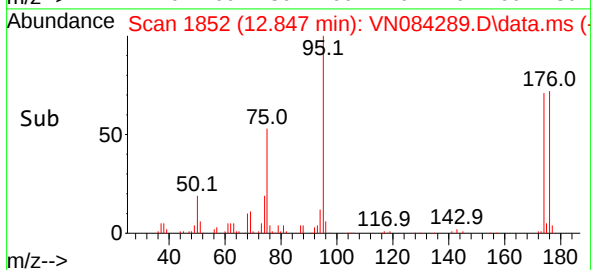
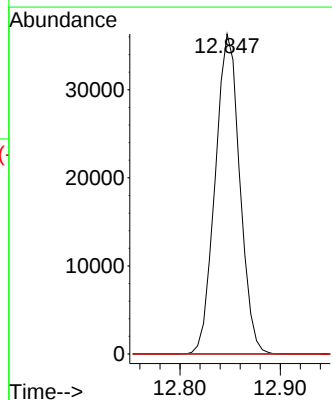
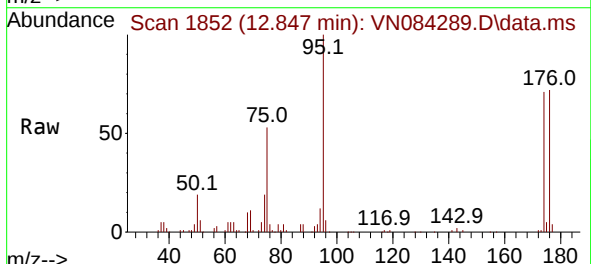
Instrument :
MSVOA_N
ClientSampleId :
TT101D2-20240925DL

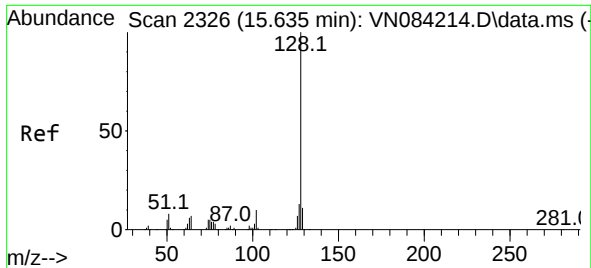
Tgt Ion: 75 Resp: 61758
Ion Ratio Lower Upper
75 100
77 1.4 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.241 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084289.D
Acq: 03 Oct 2024 11:28

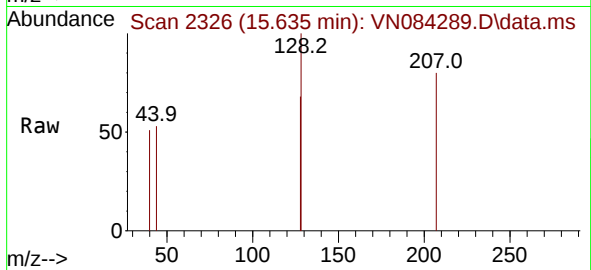
Tgt Ion: 75 Resp: 61758
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#





#95
Naphthalene
Concen: 0.201 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN084289.D
Acq: 03 Oct 2024 11:28

Instrument :
MSVOA_N
ClientSampleId :
TT101D2-20240925DL



Tgt Ion:128 Resp: 1101
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

