

Supplementary Material

Concise and regioselective synthesis of 5H-imidazo[1,2-e][1,3,5]triazepines

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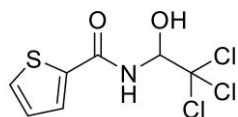
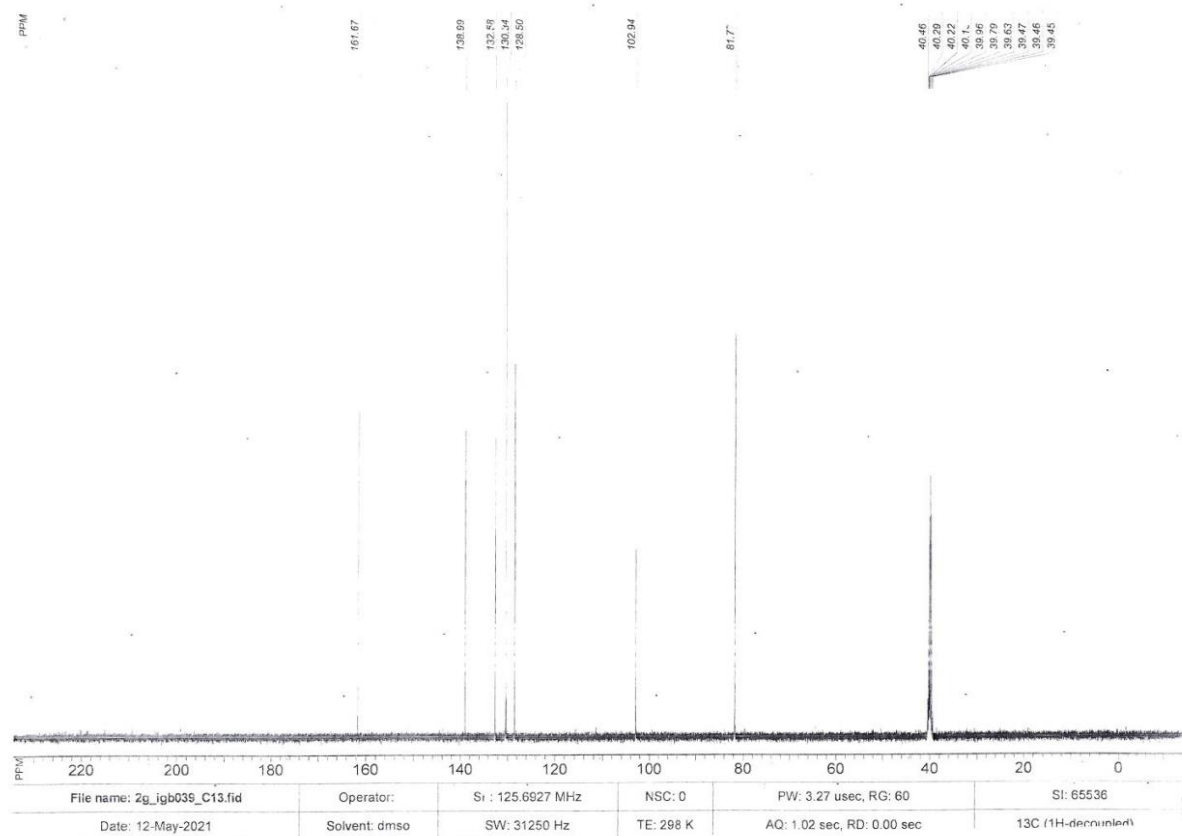
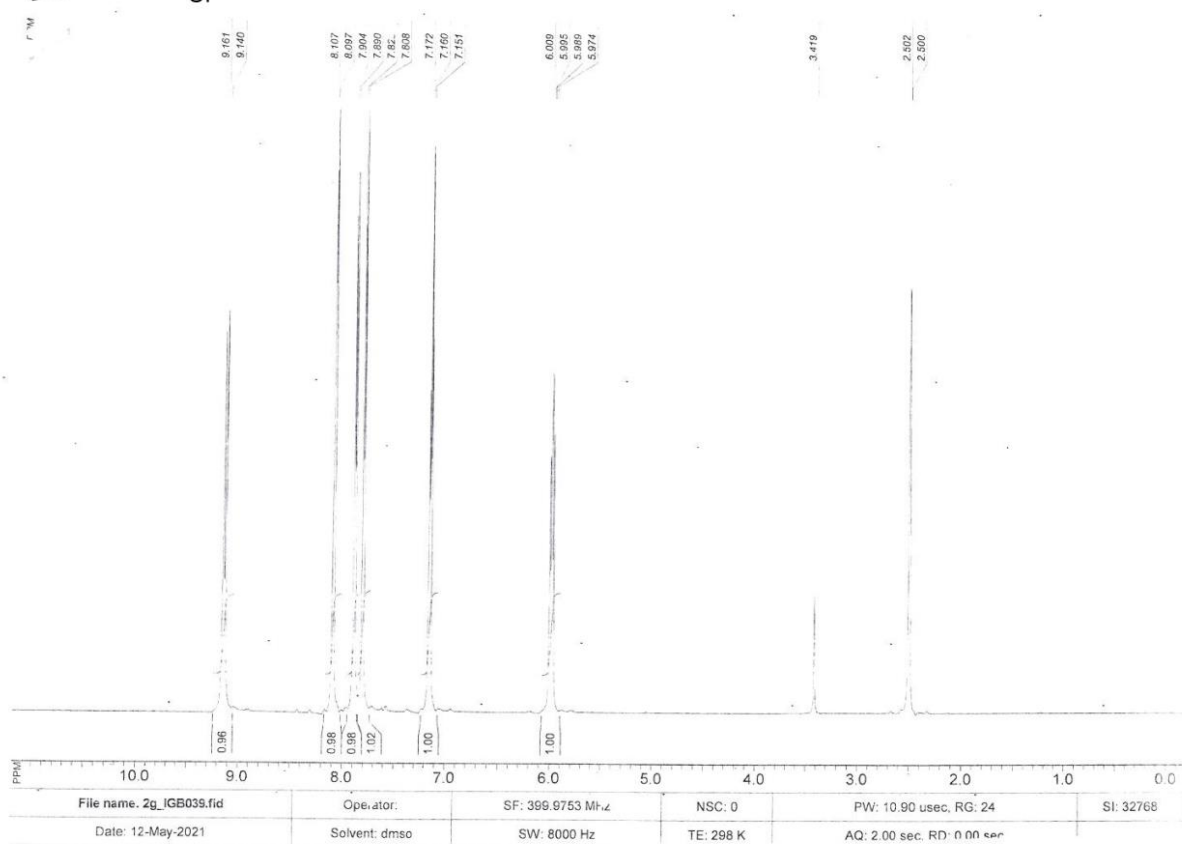
^bNational Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute",
Peremohy Ave, 37, Kyiv, 03056, Ukraine

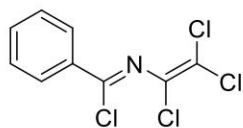
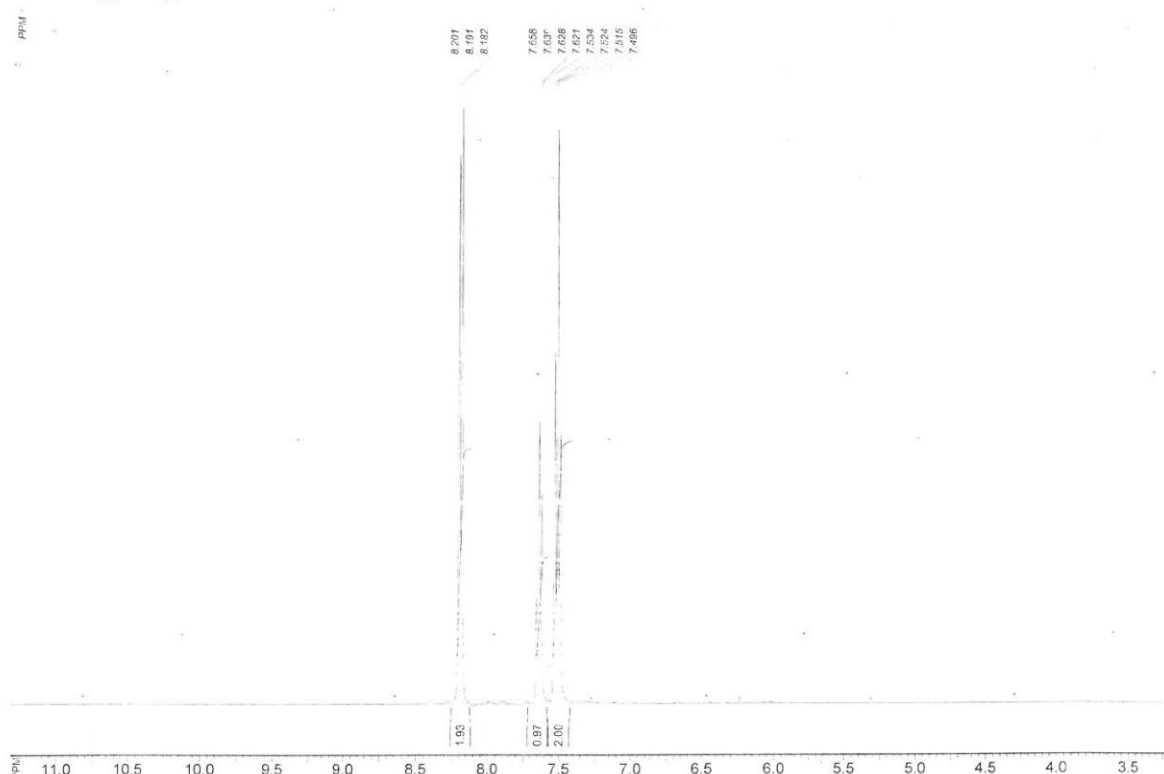
^cInstitute of Organic Chemistry, National Academy of Sciences of Ukraine,
Murmanska Str., 5, Kyiv, 02660, Ukraine

Email: v.moskvina@gmail.com

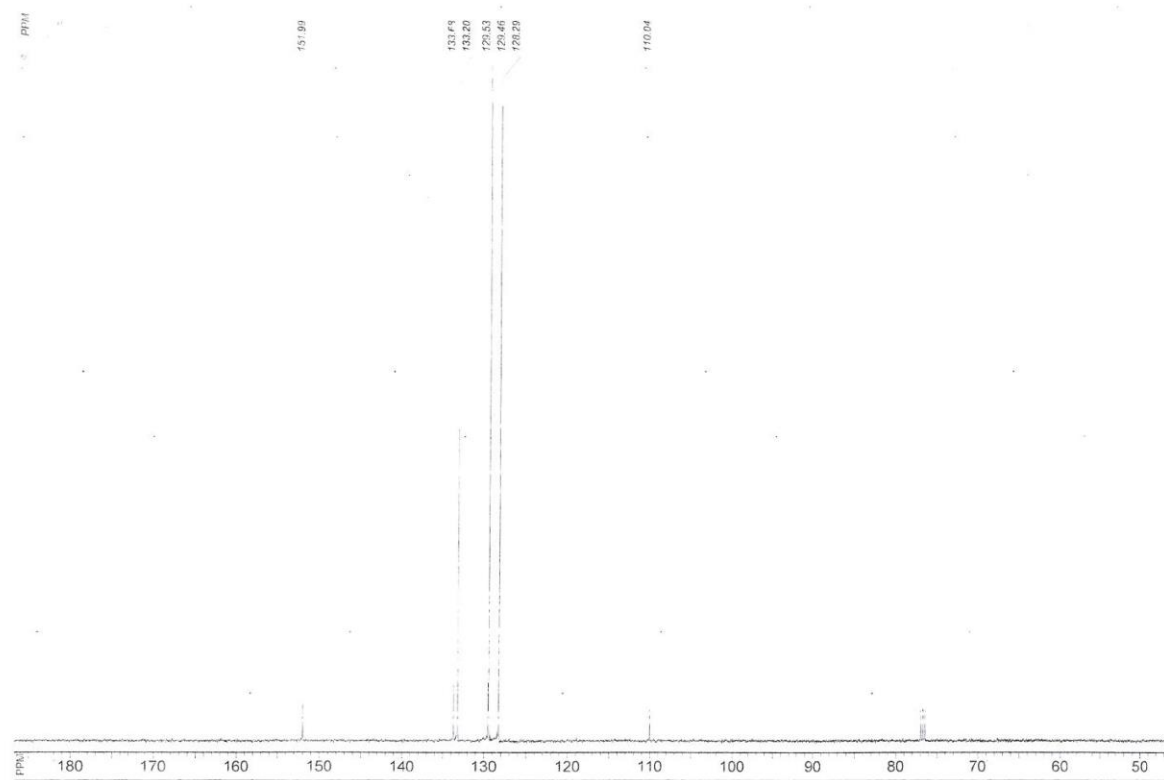
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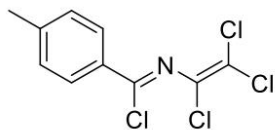
 **^1H NMR and ^{13}C NMR spectra of
N-(2,2,2-trichloro-1-hydroxyethyl)thiophene-2-carboxamide (8g)**

**¹H NMR and ¹³C NMR spectra of
N-(1,2,2-trichlorovinyl)benzimidoylchloride (6a)**

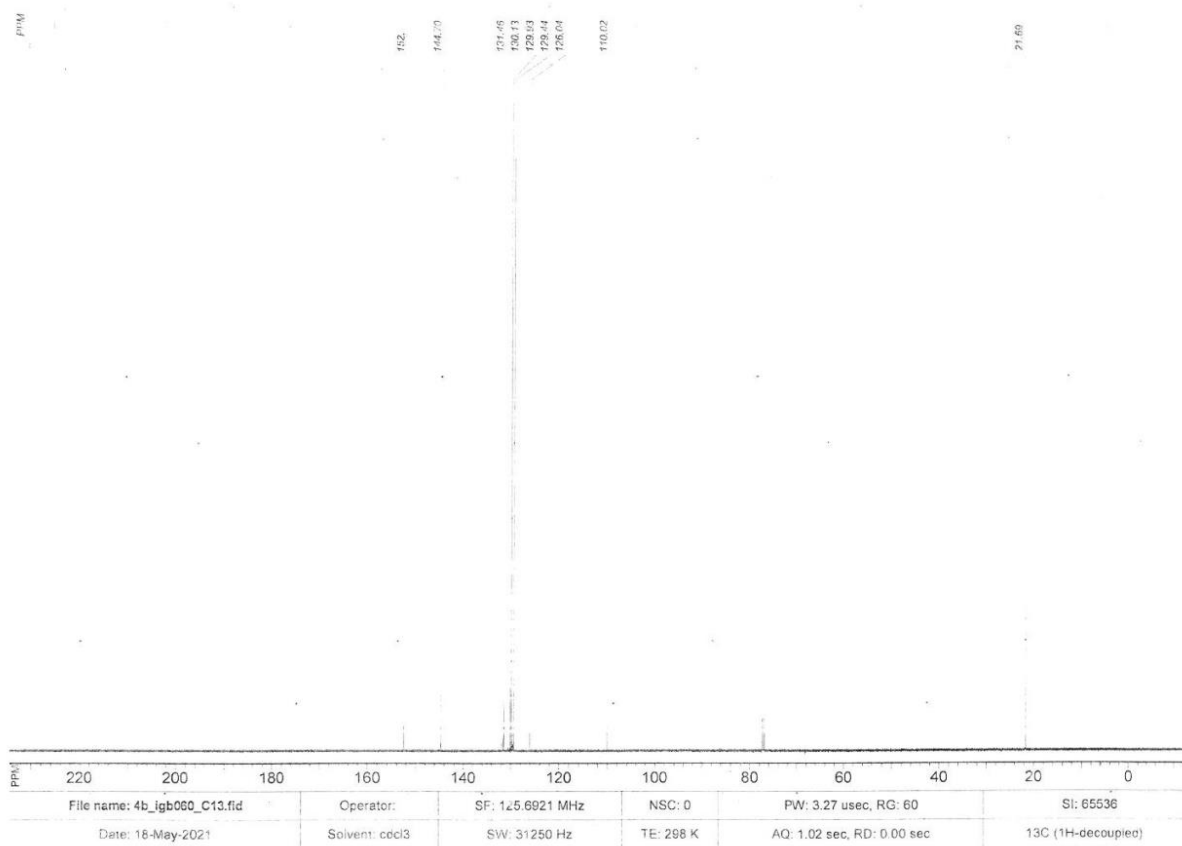
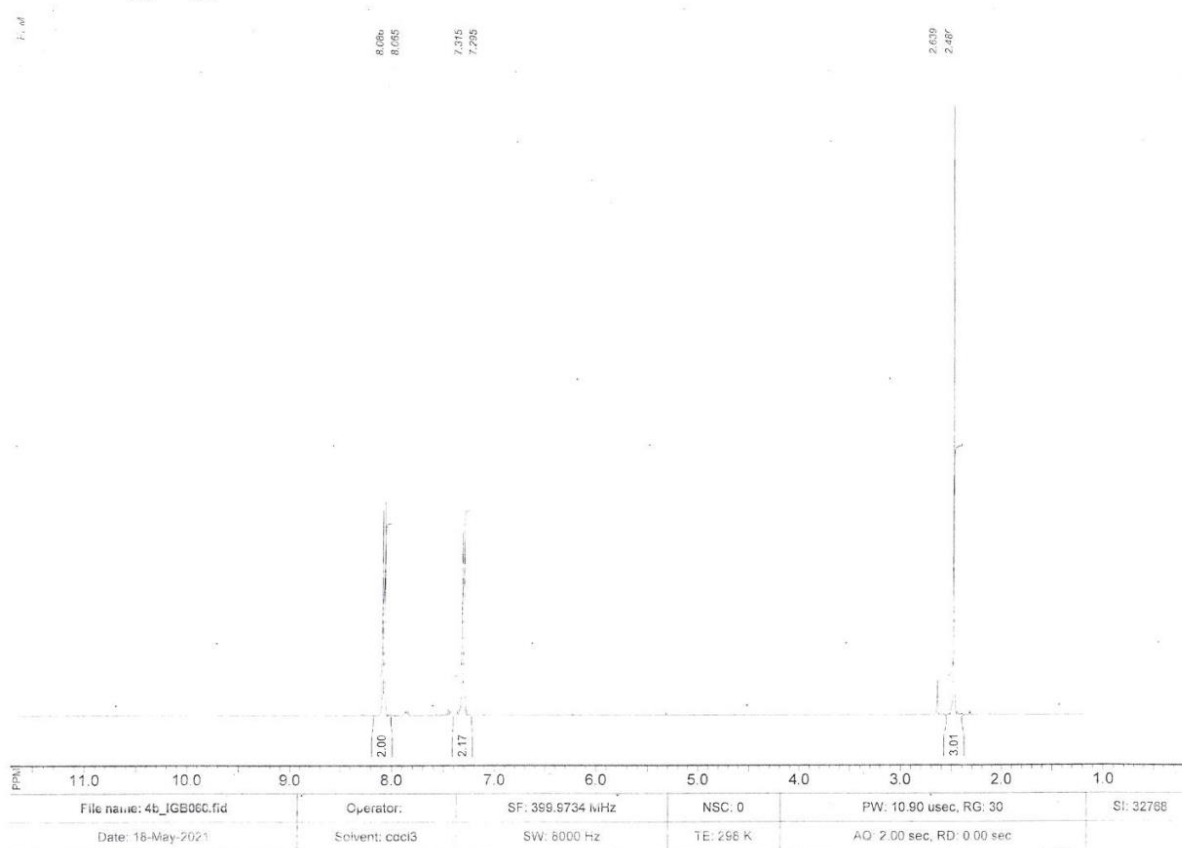
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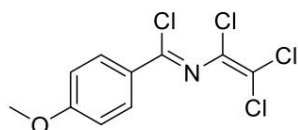


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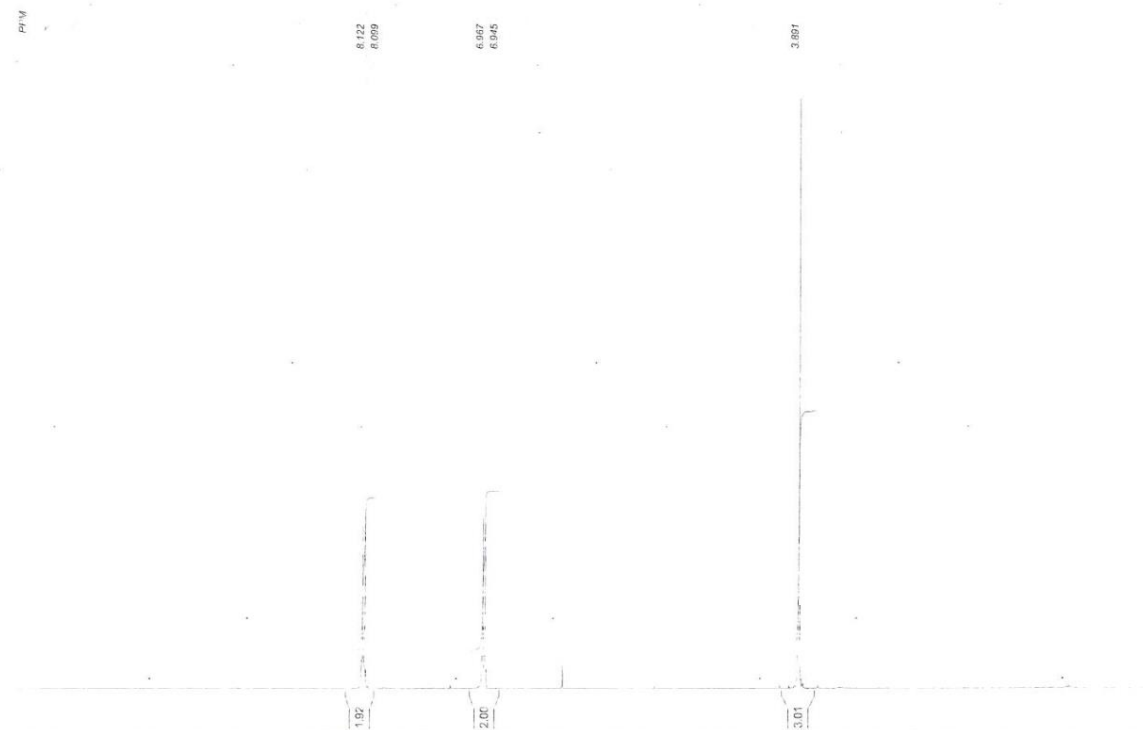


¹H NMR and ¹³C NMR spectra of
4-methyl-N-(1,2,2-trichlorovinyl)benzimidoylchloride (6b)

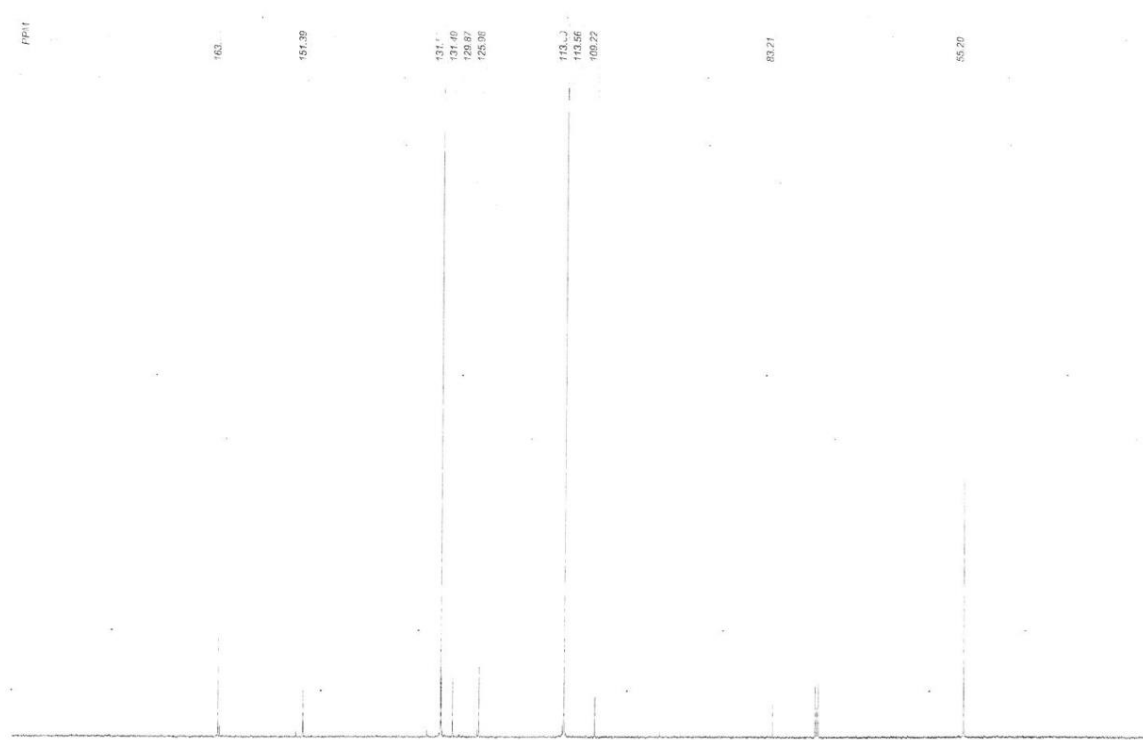




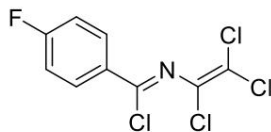
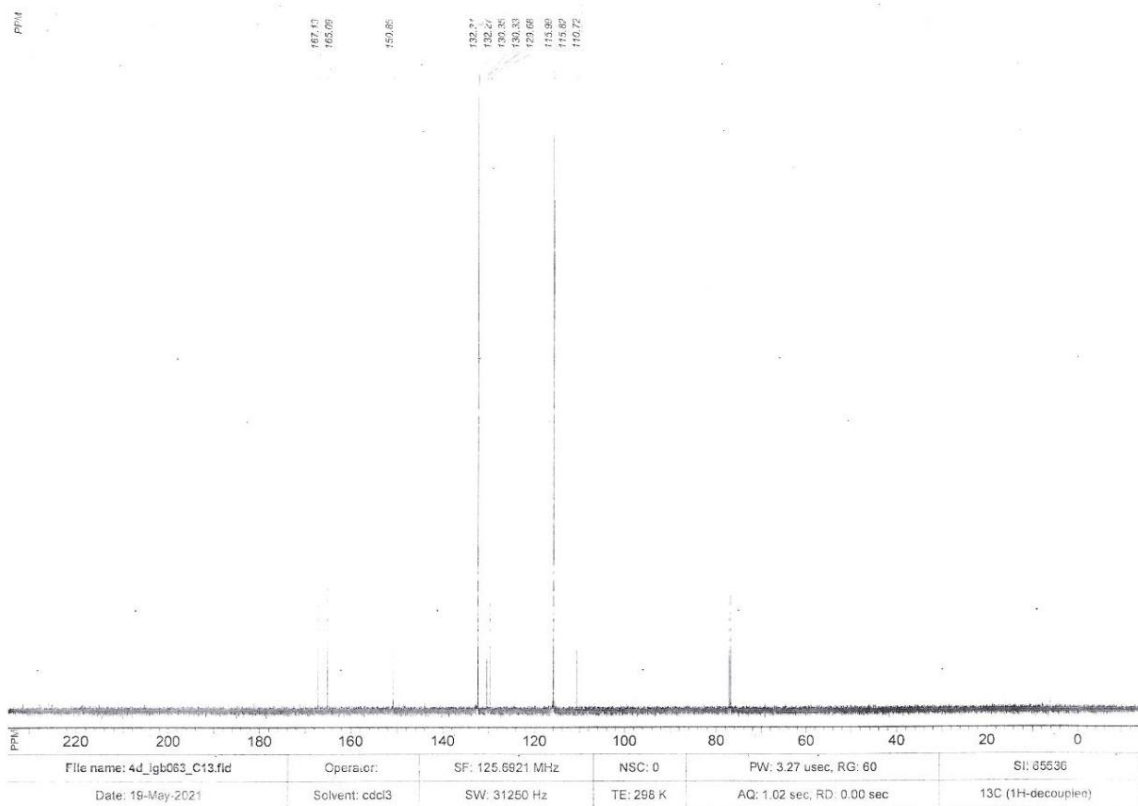
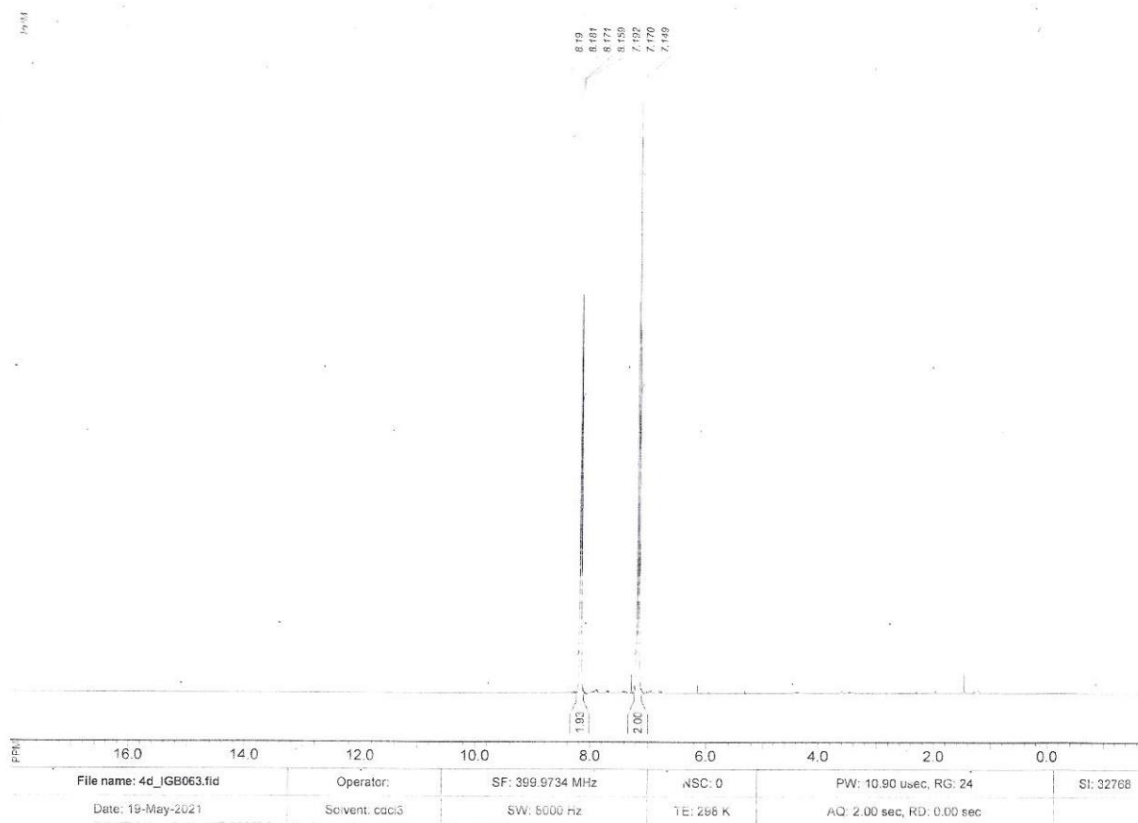
¹H NMR and ¹³C NMR spectra of
4-methoxy-N-(1,2,2-trichlorovinyl)benzimidoylchloride (6c)

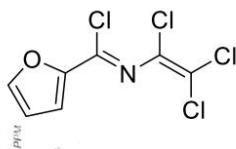


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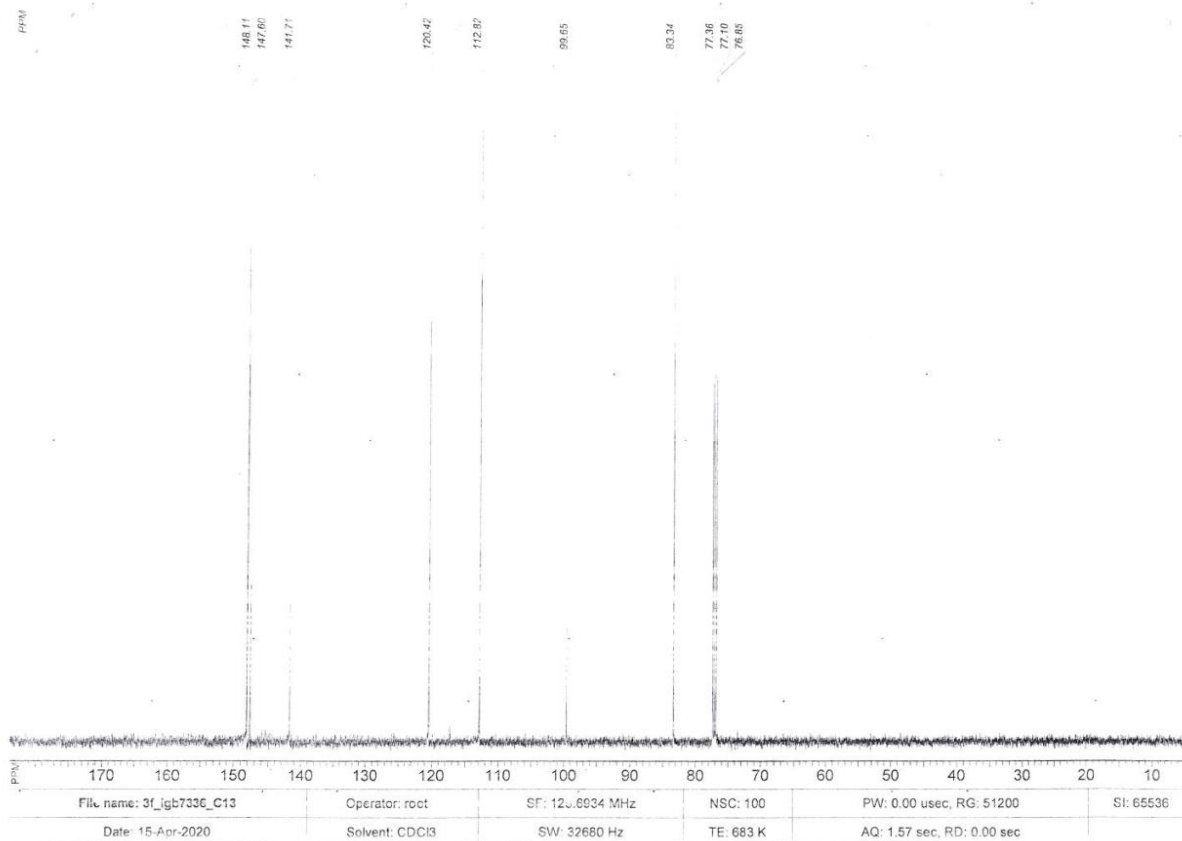
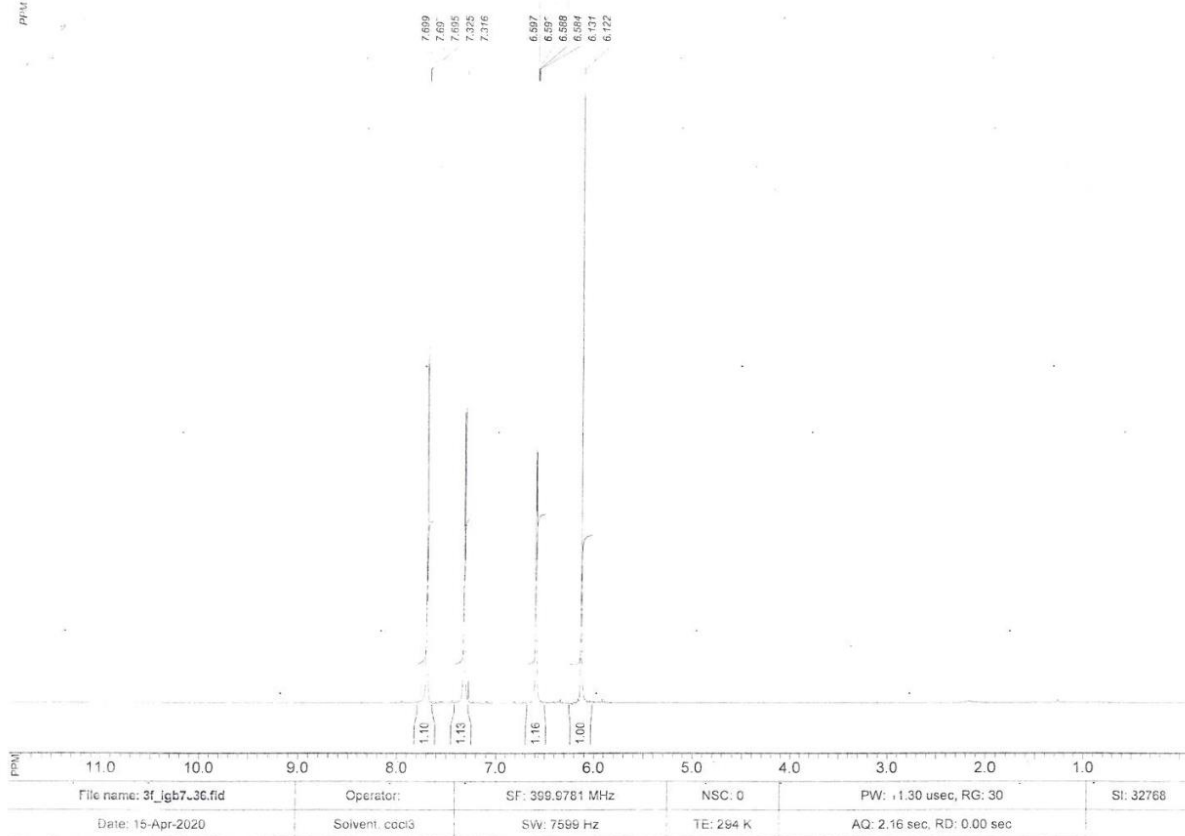


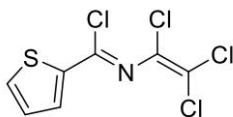
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 **^1H NMR and ^{13}C NMR spectra of
4-fluoro-*N*-(1,2,2-trichlorovinyl)benzimidoylchloride (6d)**

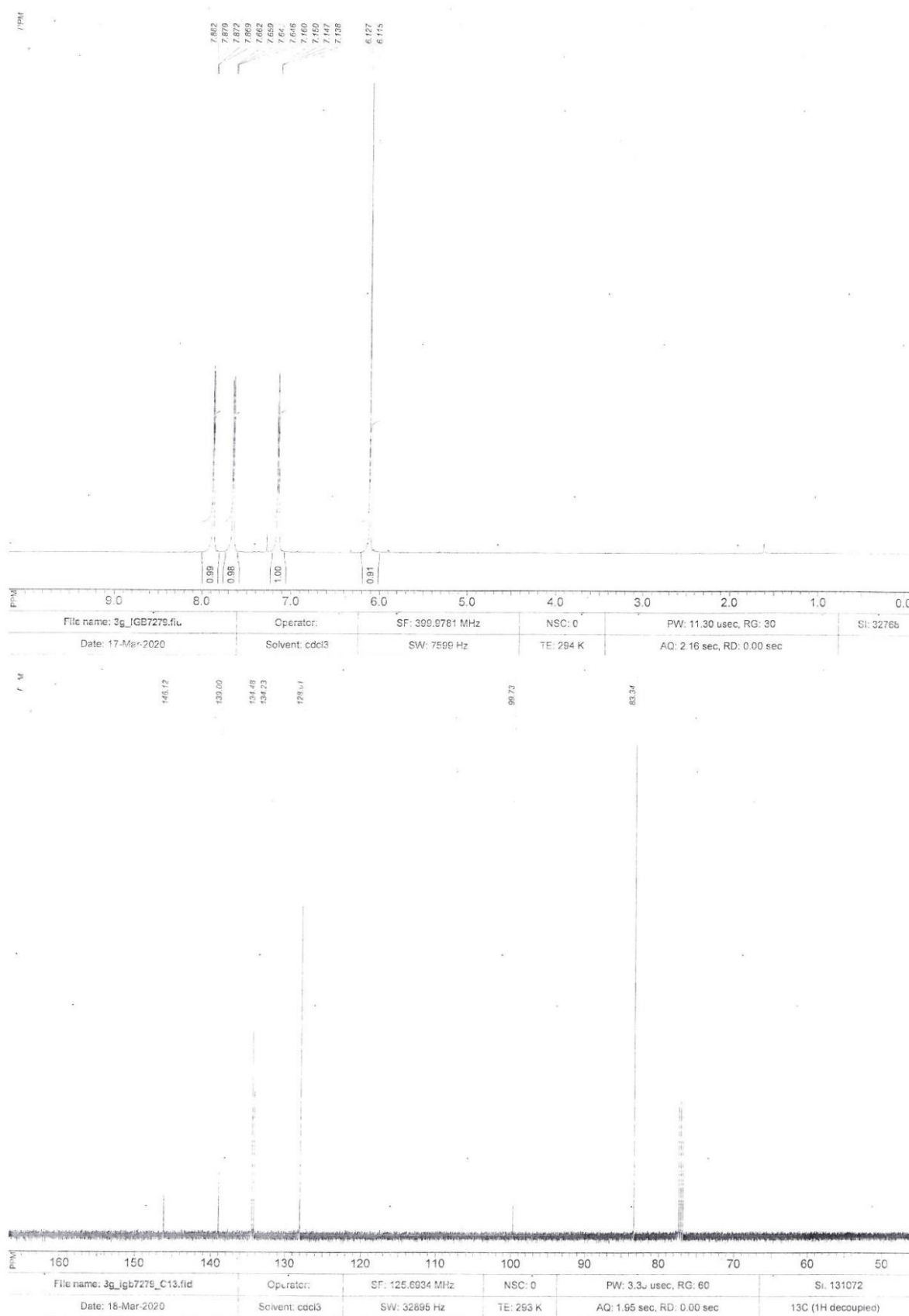


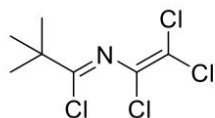
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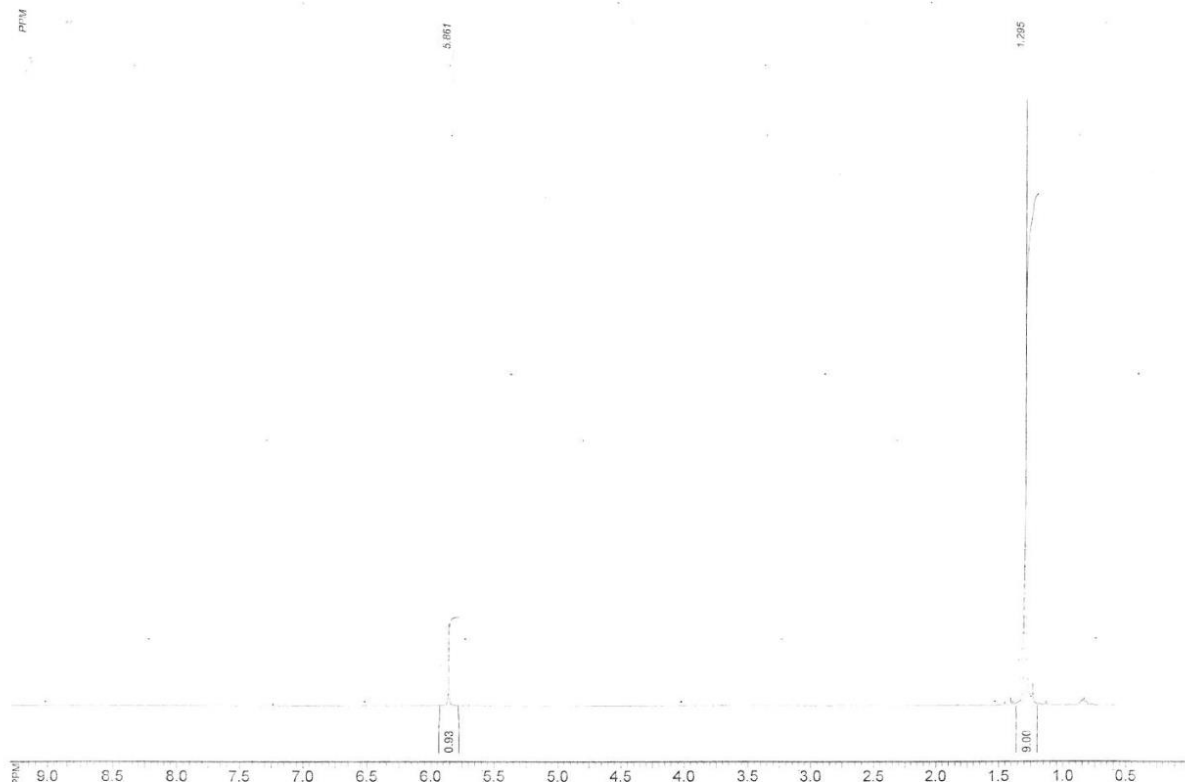


¹H NMR and ¹³C NMR spectra of
N-(1,2,2-trichlorovinyl)thiophene-2-carbimidoylechloride (6g)

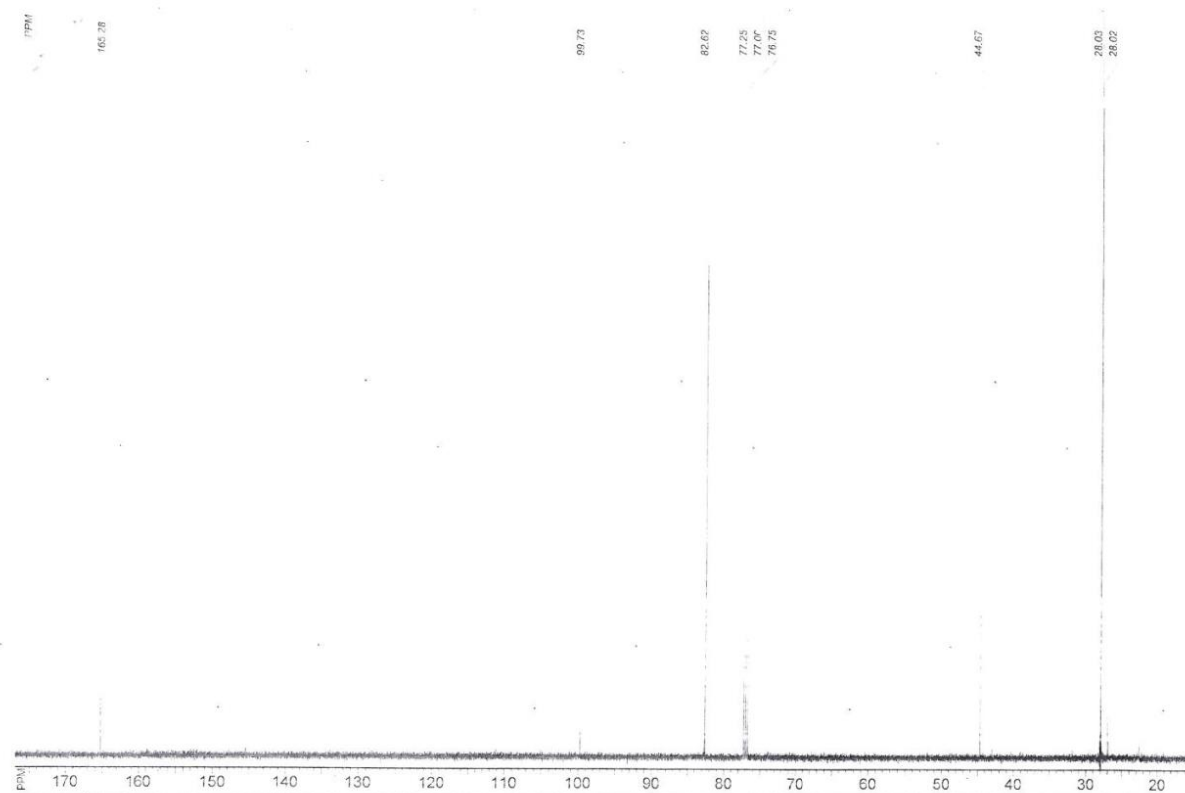




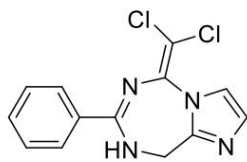
^1H NMR and ^{13}C NMR spectra of *N*-(1,2,2-trichlorovinyl)pivalimidoylchloride (6h)



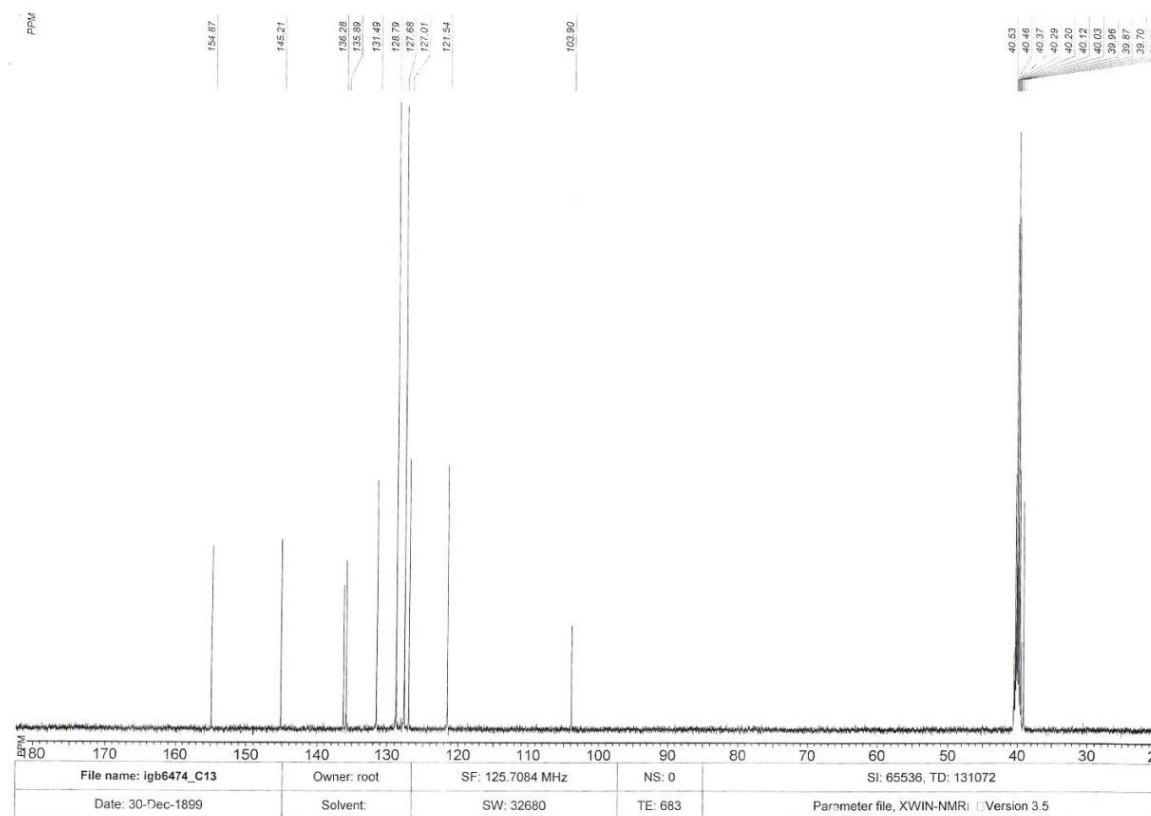
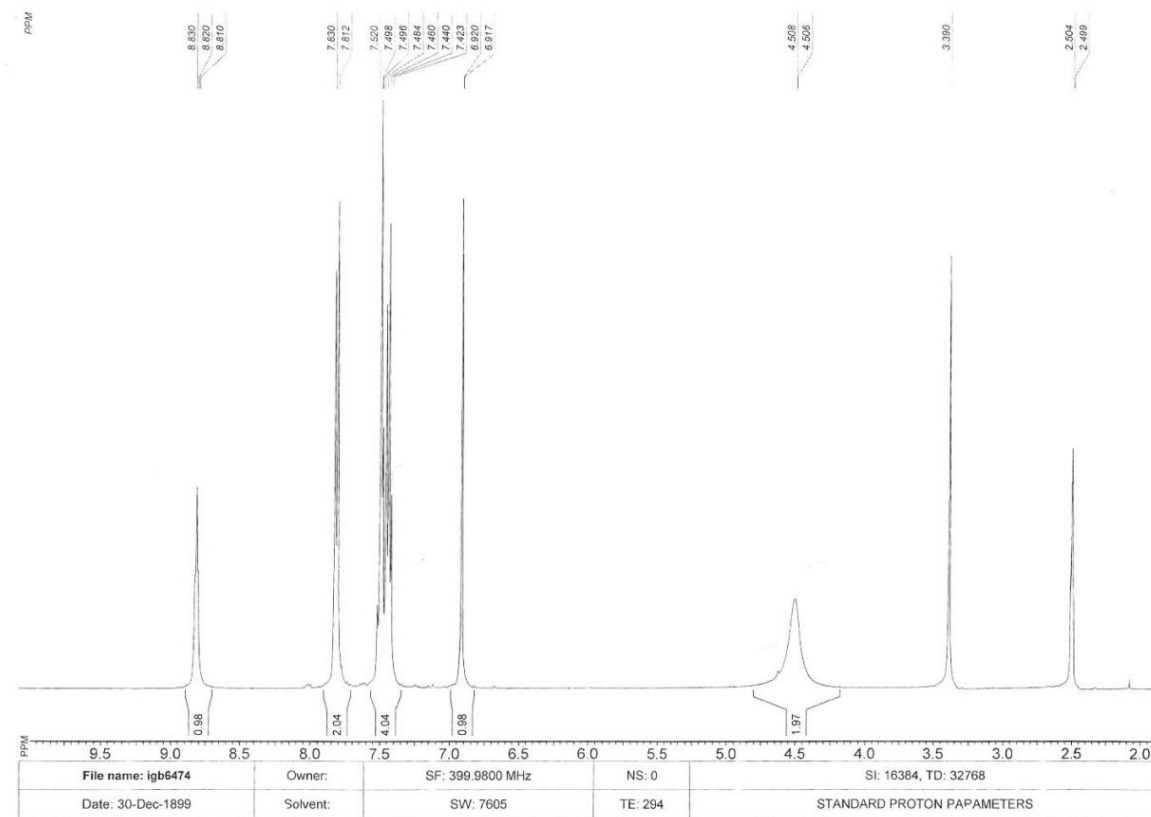
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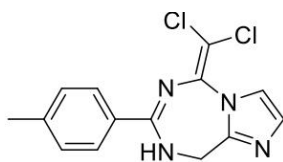


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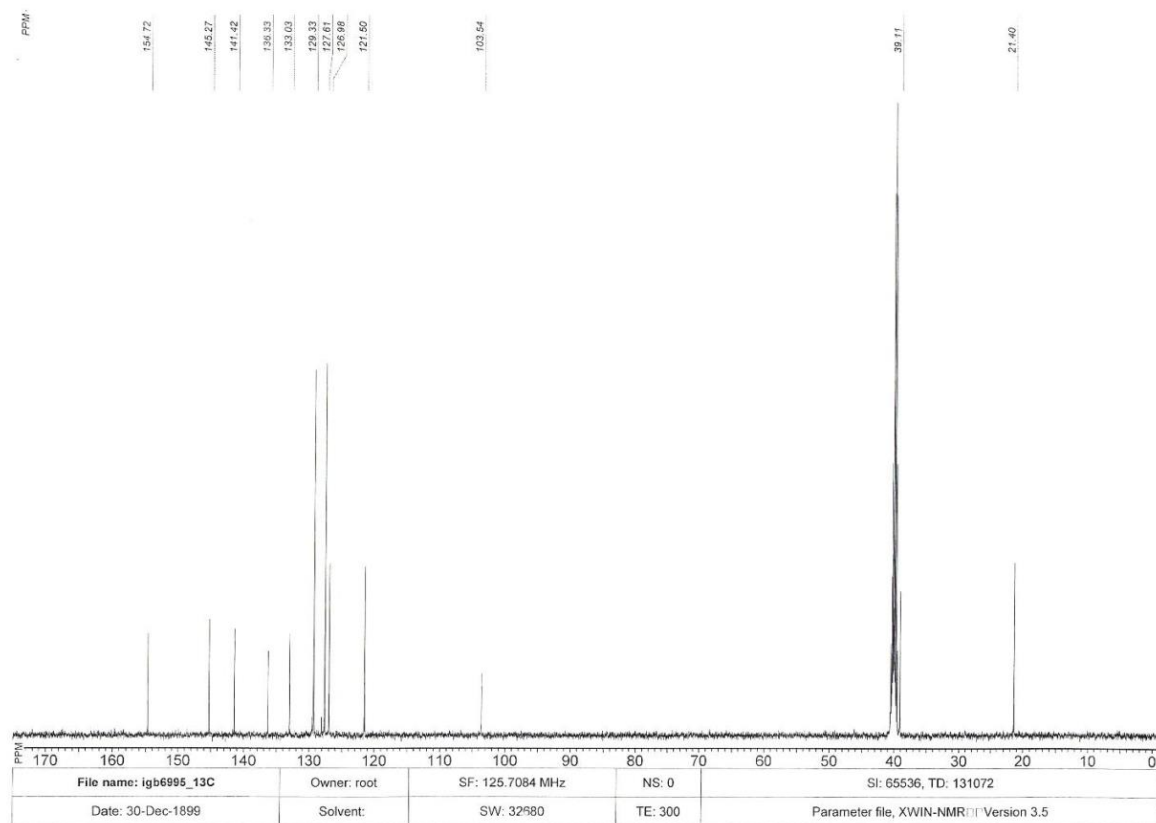
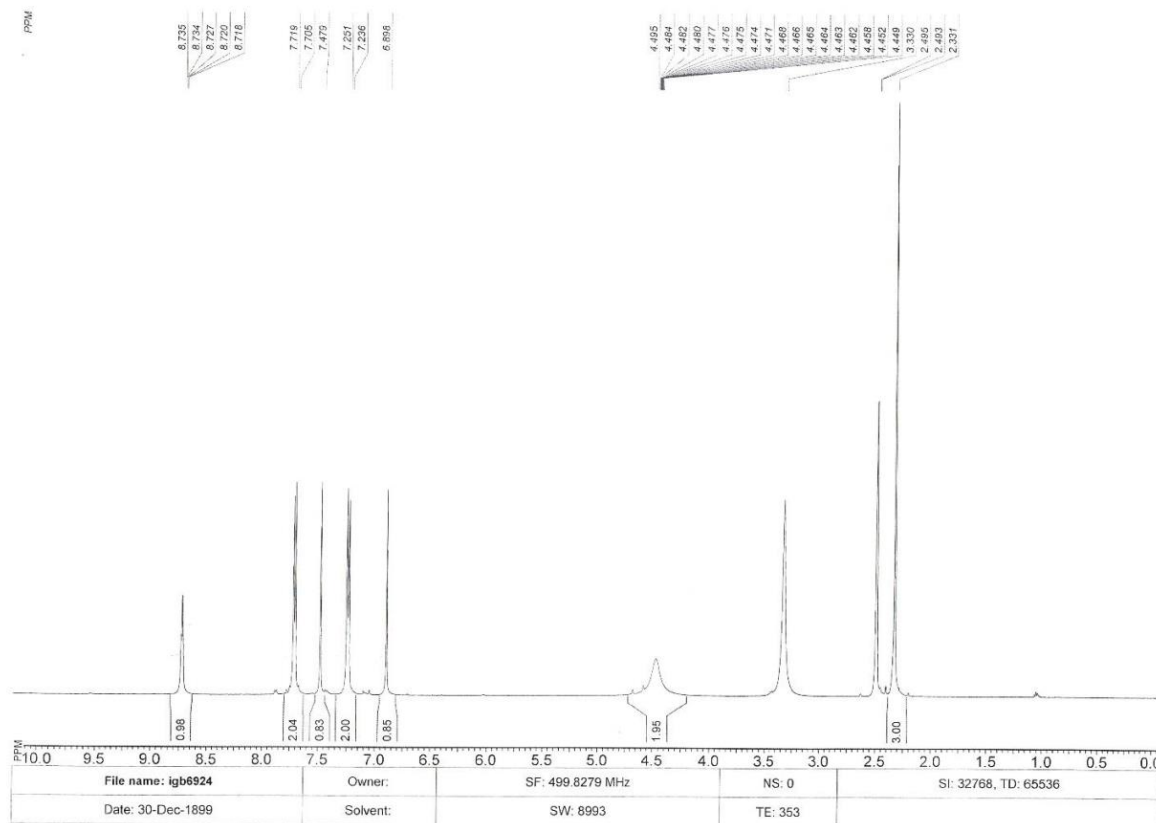


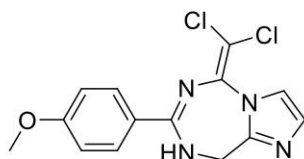
¹H NMR and ¹³C NMR spectra of
5-(dichloromethylene)-7-phenyl-8,9-dihydro-5H-imidazo-
[1,2-e][1,3,5]triazepine (11a)



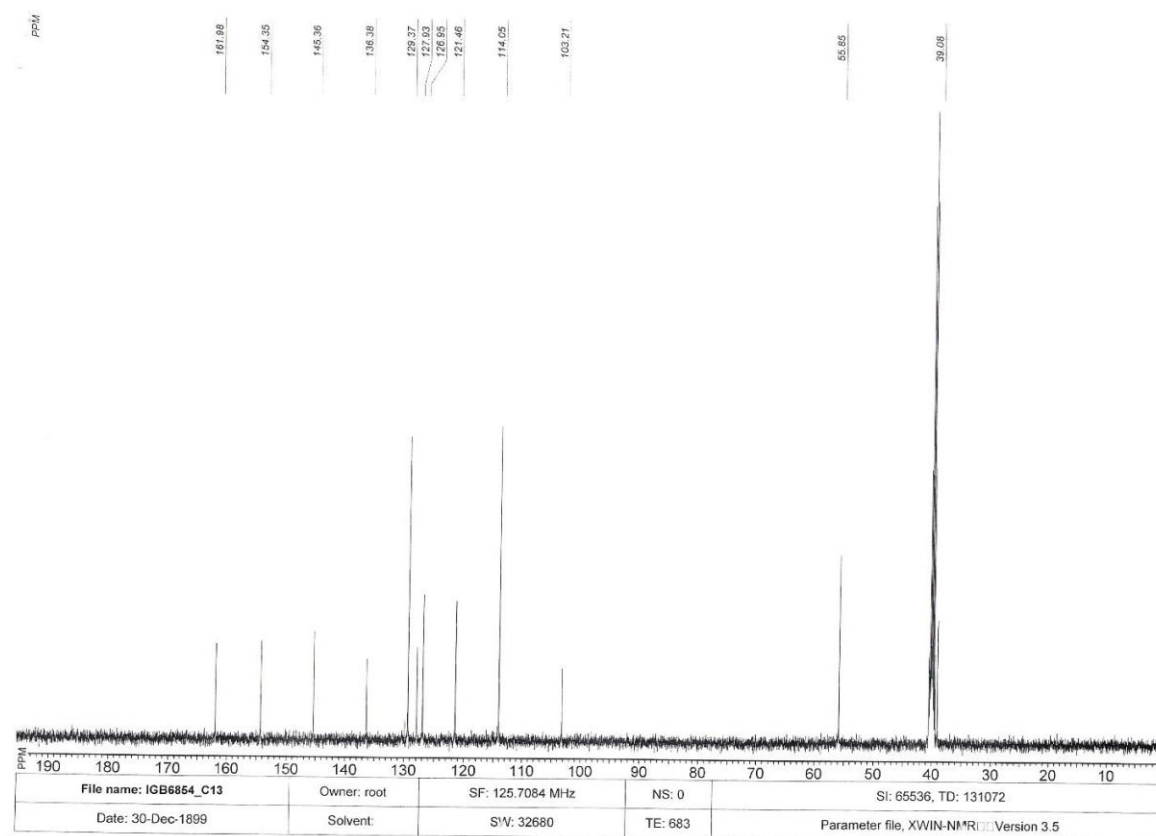
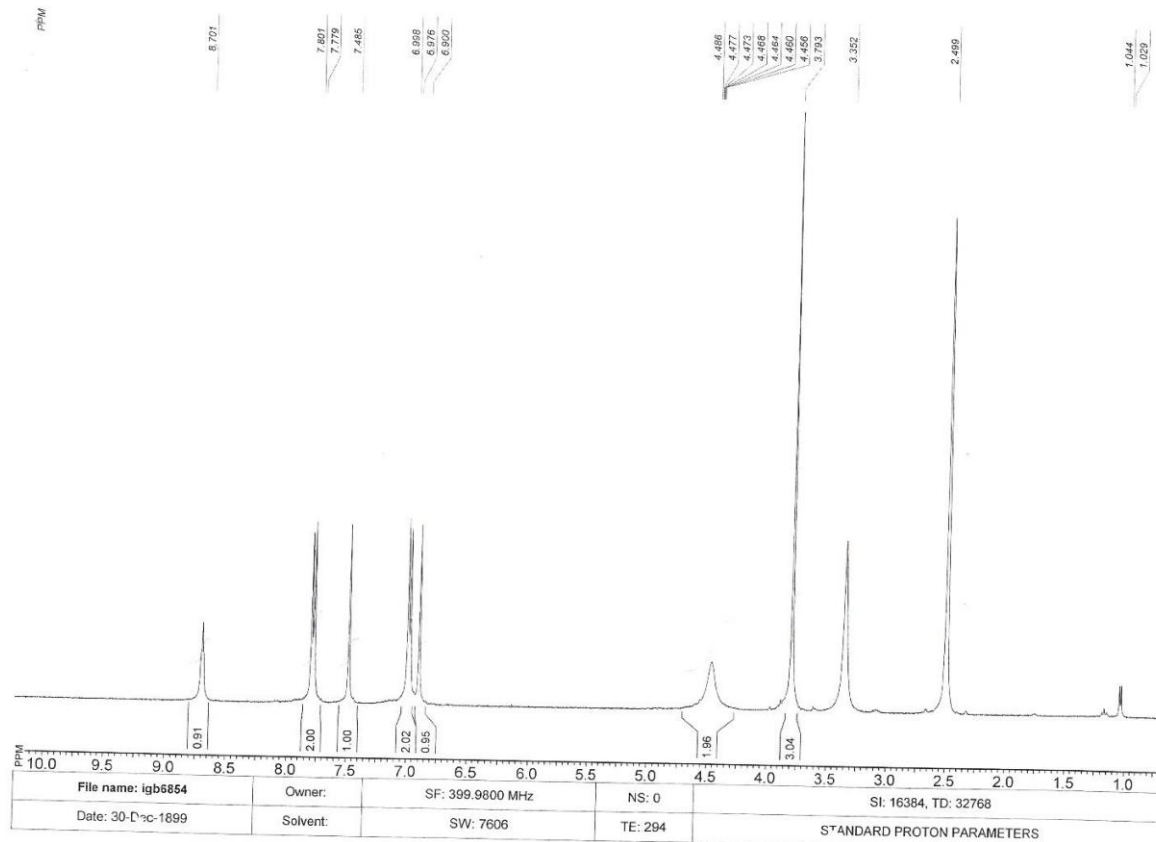


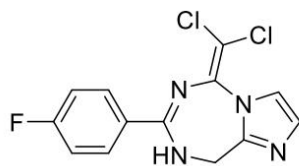
^1H NMR and ^{13}C NMR spectra of
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[1,2-e][1,3,5]triazepine (11b)



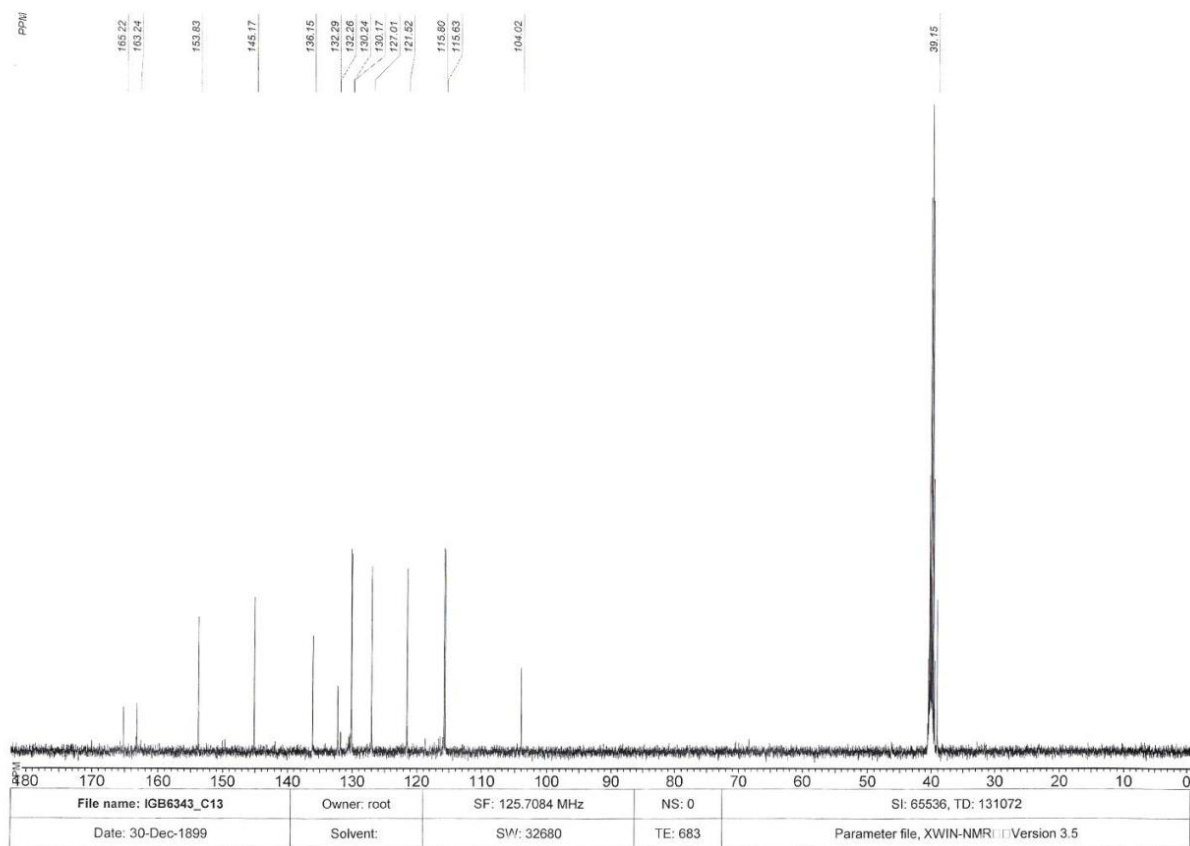
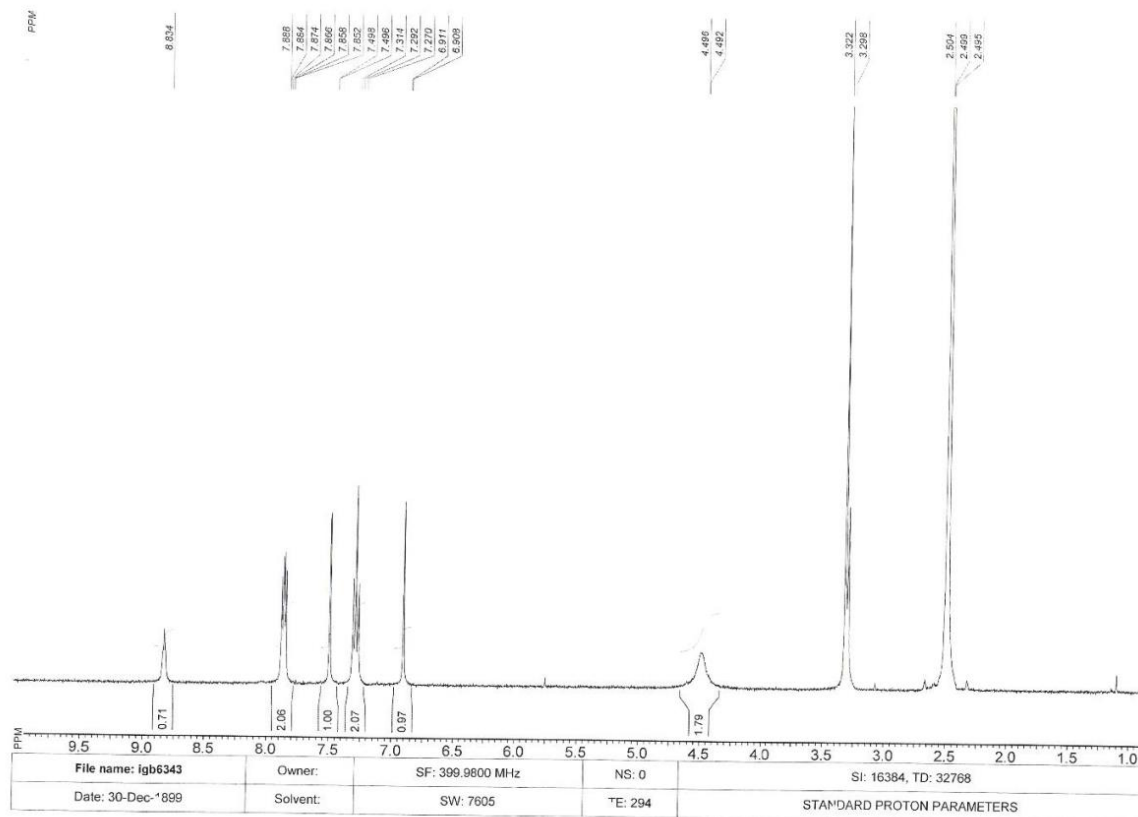


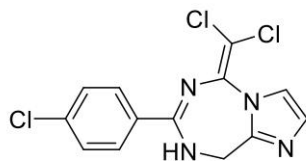
^1H NMR and ^{13}C NMR spectra of
5-(dichloromethylene)-7-(4-methoxyphenyl)-8,9-dihydro-5H-
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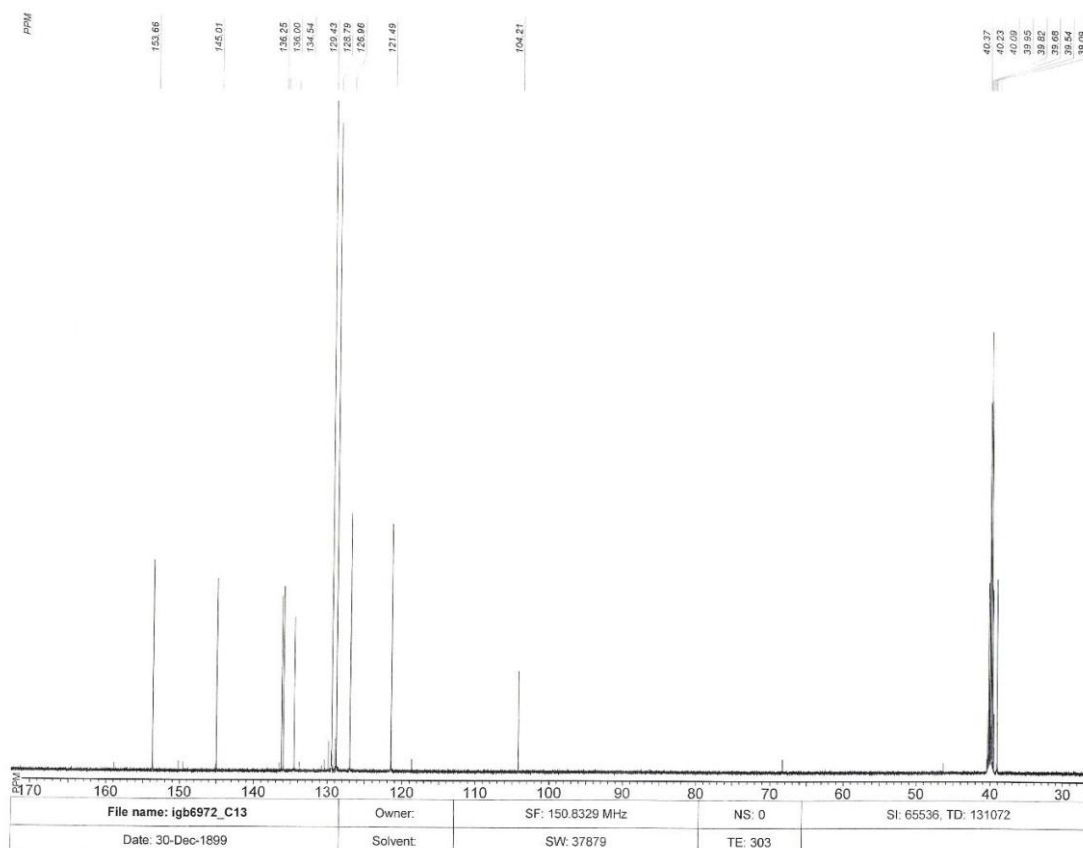
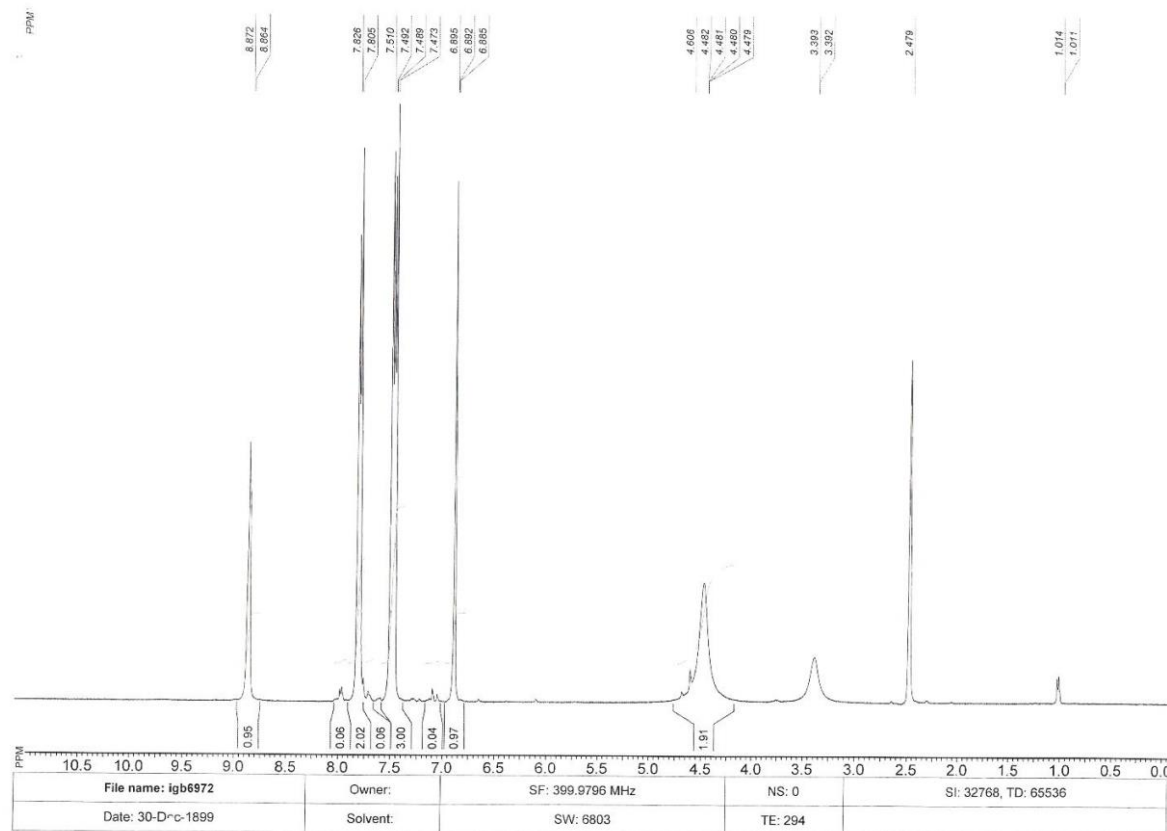


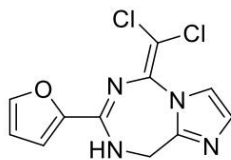
^1H NMR and ^{13}C NMR spectra of
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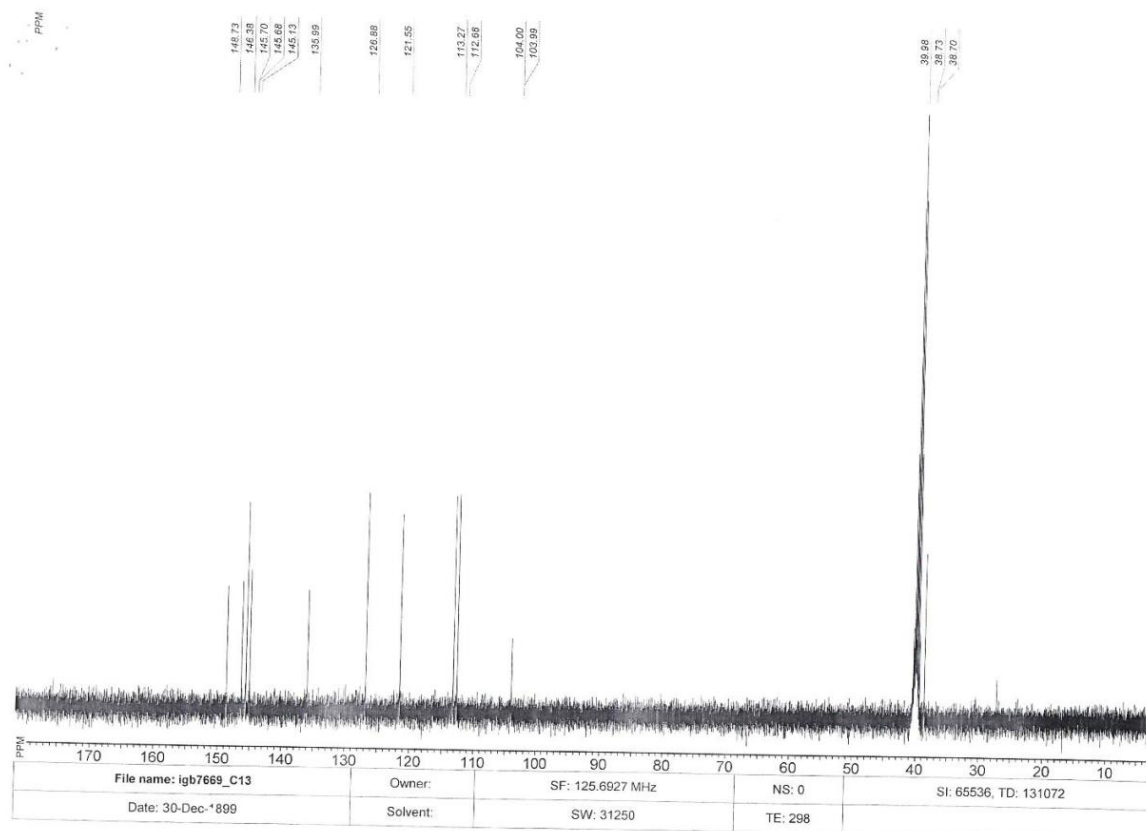
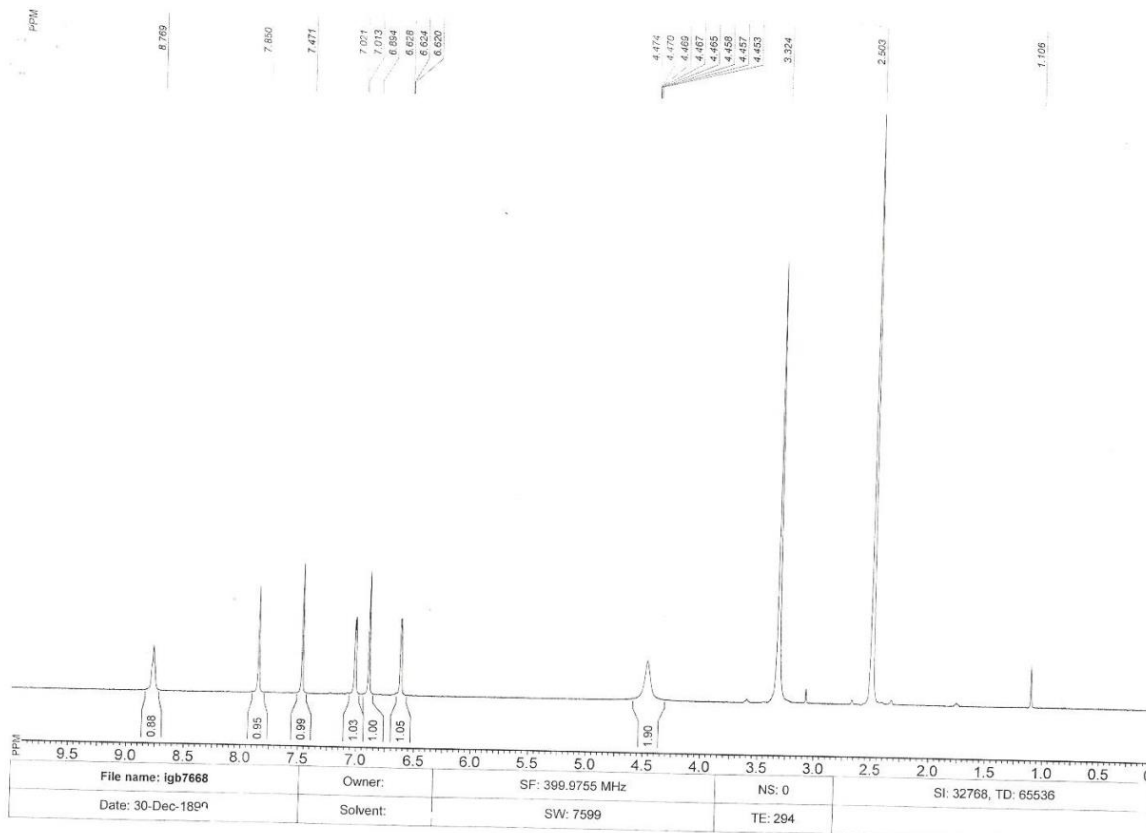


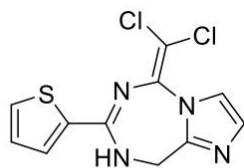
¹H NMR and ¹³C NMR spectra of
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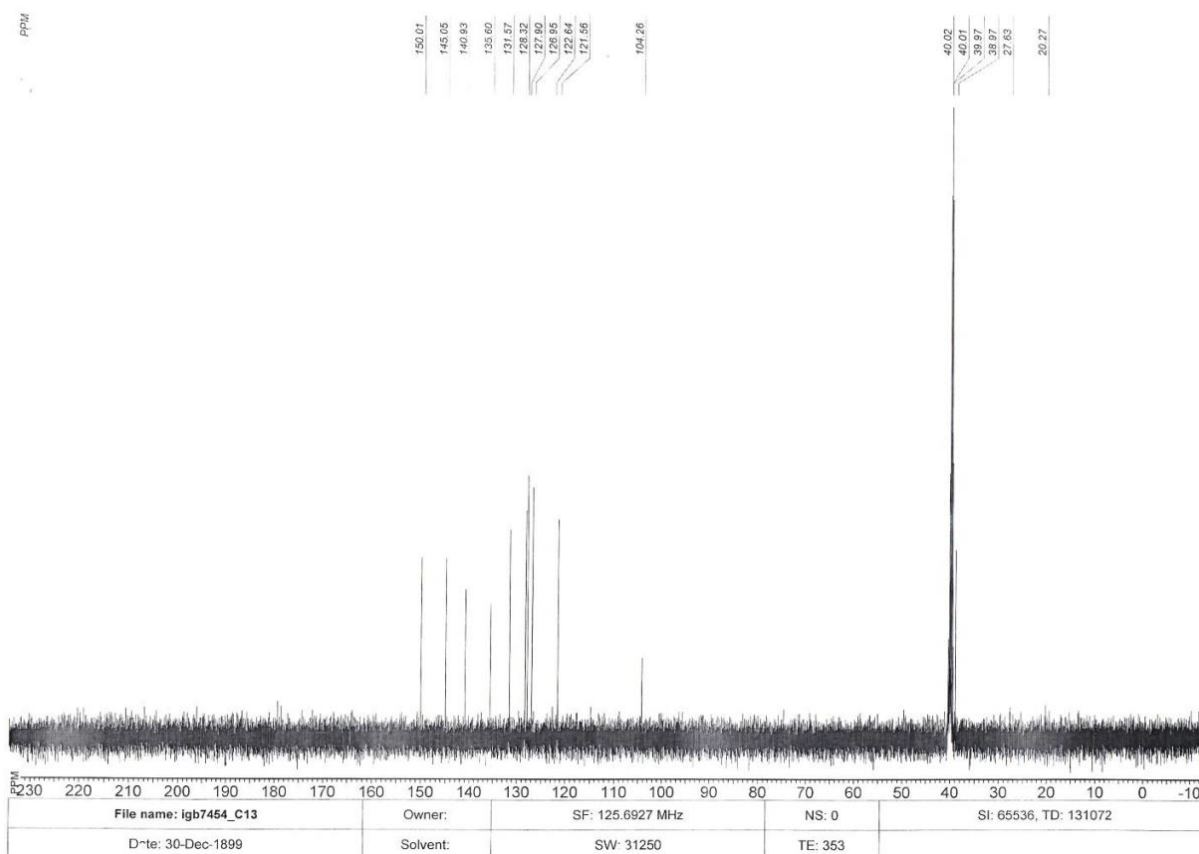
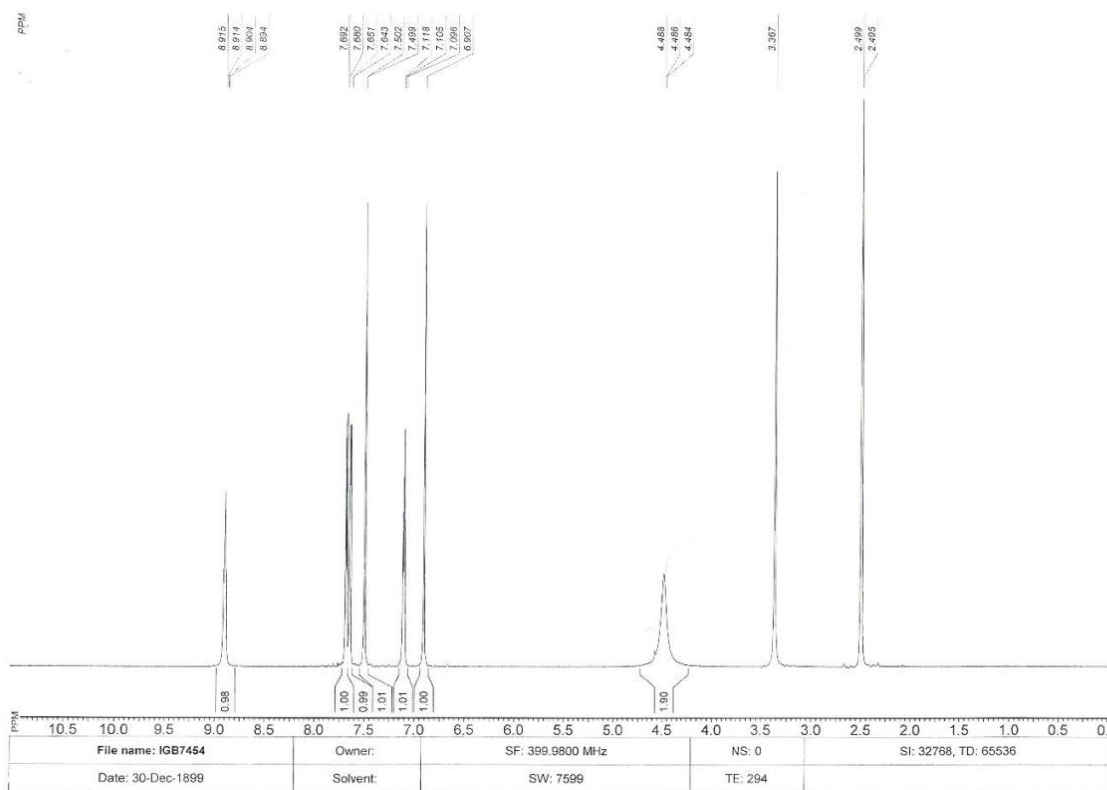


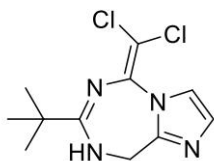
¹H NMR and ¹³C NMR spectra of
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[1,2-e][1,3,5]triazepine (11f)



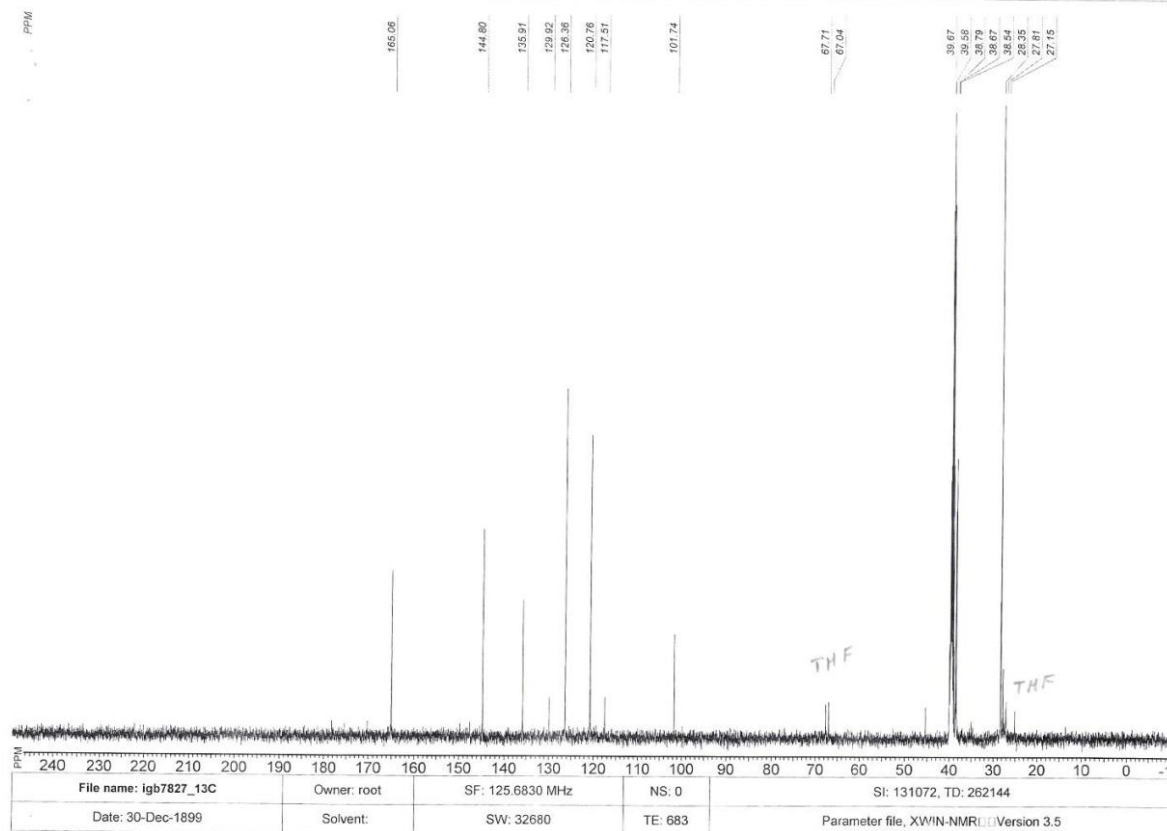
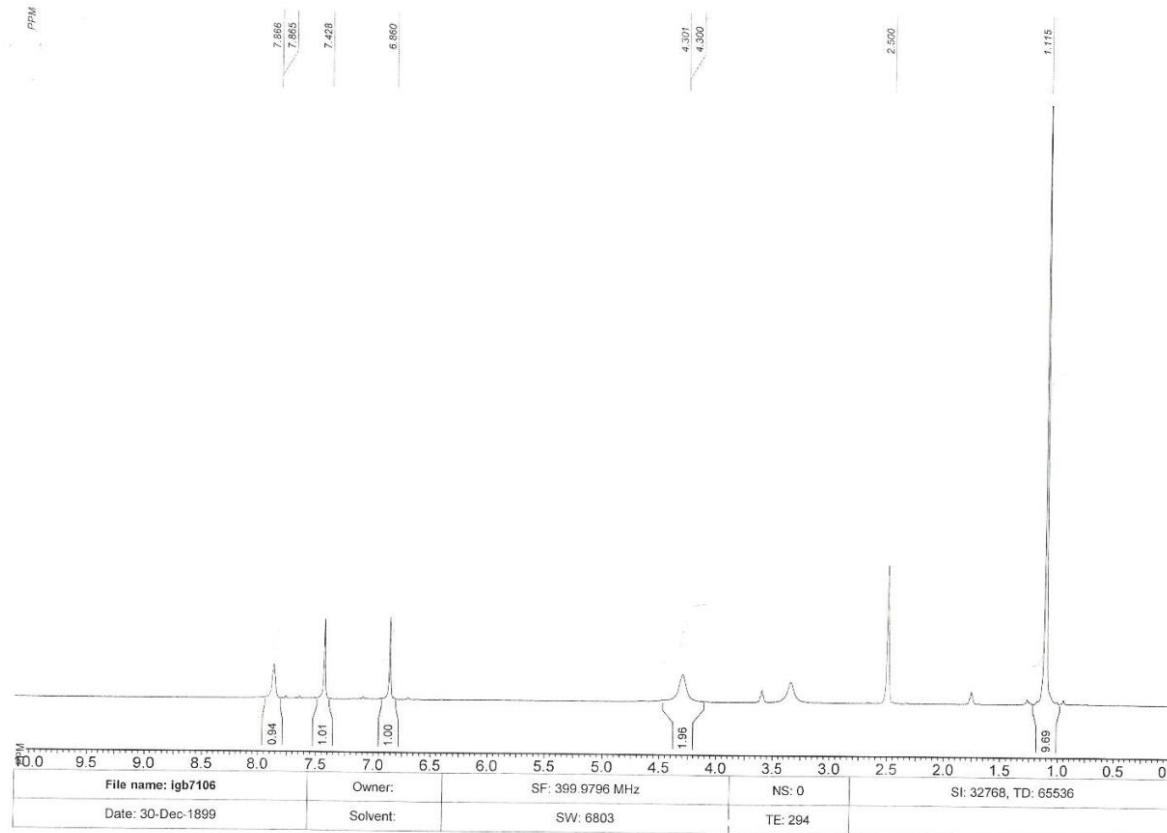


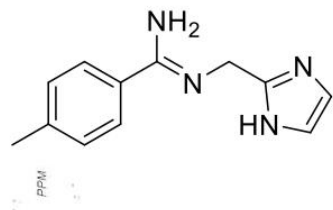
¹H NMR and ¹³C NMR spectra of
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imidazo[1,2-e][1,3,5]triazepine (11g)



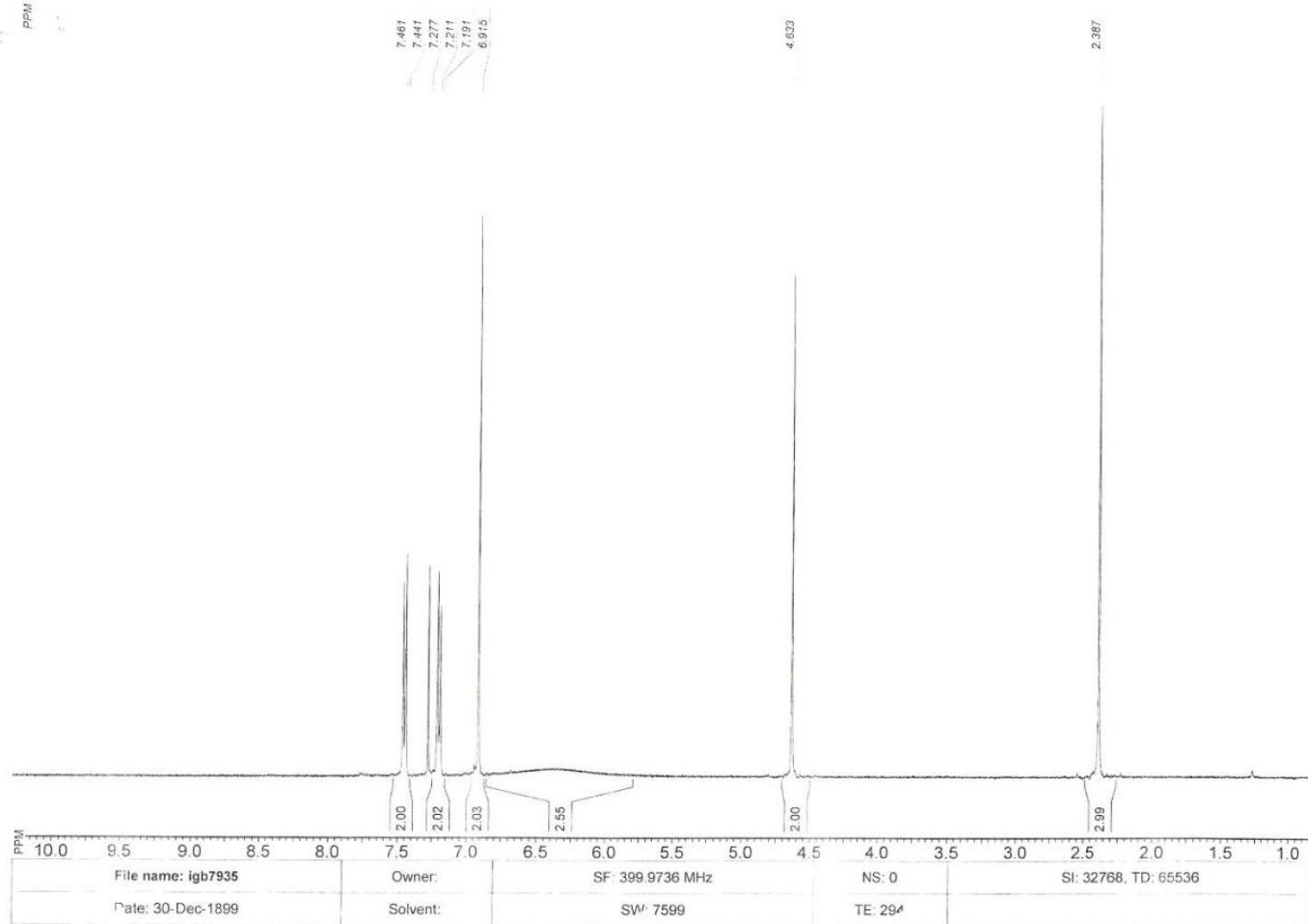


¹H NMR and ¹³C NMR spectra of
7-(*tert*-butyl)-5-(dichloromethylene)-8,9-dihydro-5H-imidazo-
[1,2-*e*][1,3,5]triazepine (11h)





^1H NMR and ^{13}C NMR spectra of
(*Z,E*)-*N'*-((1*H*-imidazol-2-yl)methyl)-4-methylbenzimidamide (**12b**)





^1H NMR and ^{13}C NMR spectra of
(*Z,E*)-*N'*-((1*H*-imidazol-2-yl)methyl)-4-methylbenzimidamide (**12**)

