

Supporting Information

Sequential Synthesis of (*E*)- α,β -Unsaturated Primary Amides with Complete Stereoselectivity

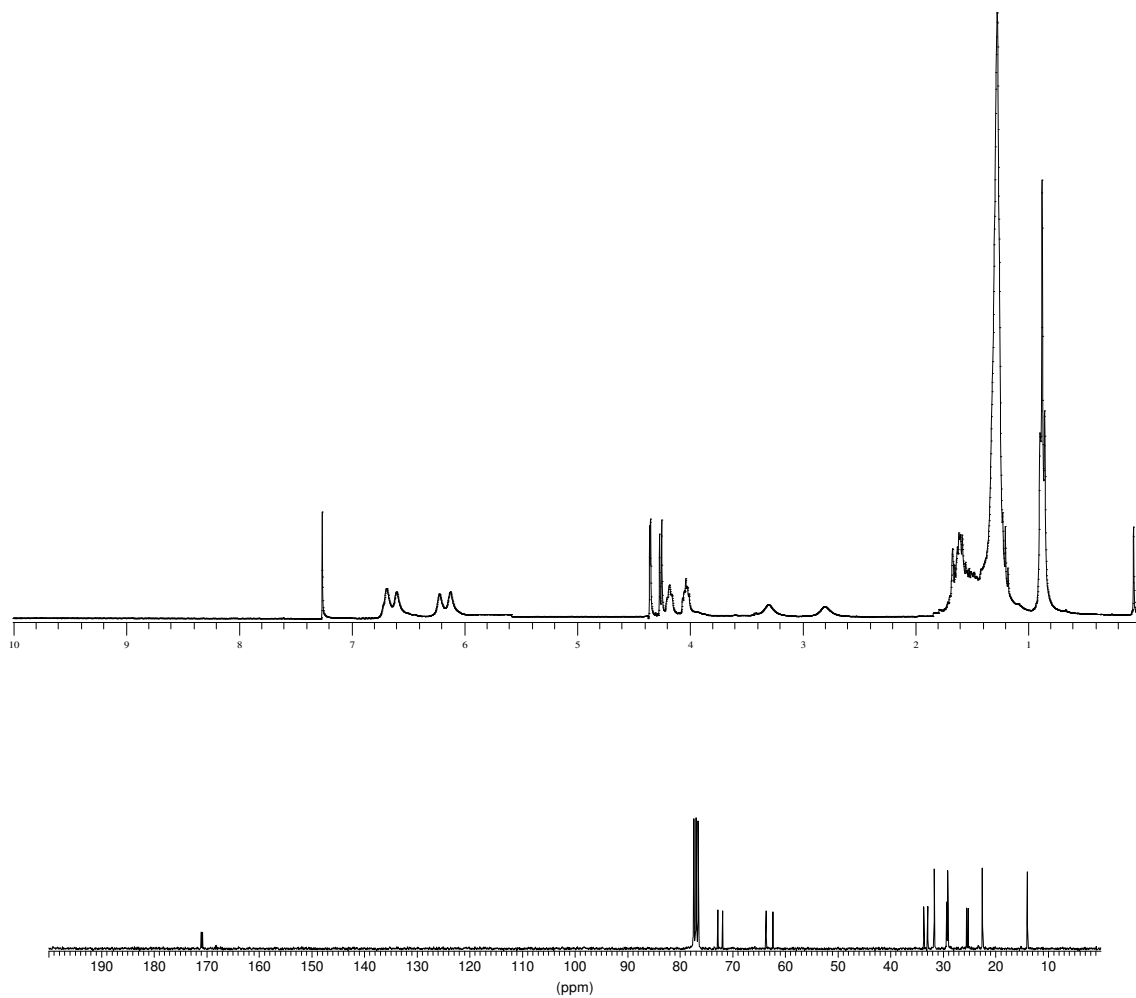
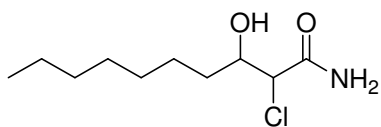
José M. Concellón,* Humberto Rodríguez-Solla,* Carmen Concellón, Carmen Simal, and Noemí

Alvaredo

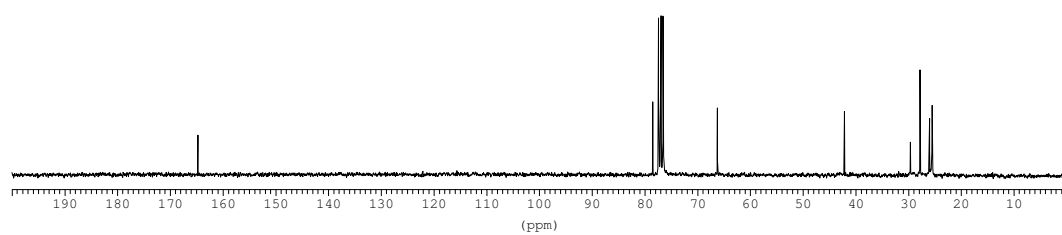
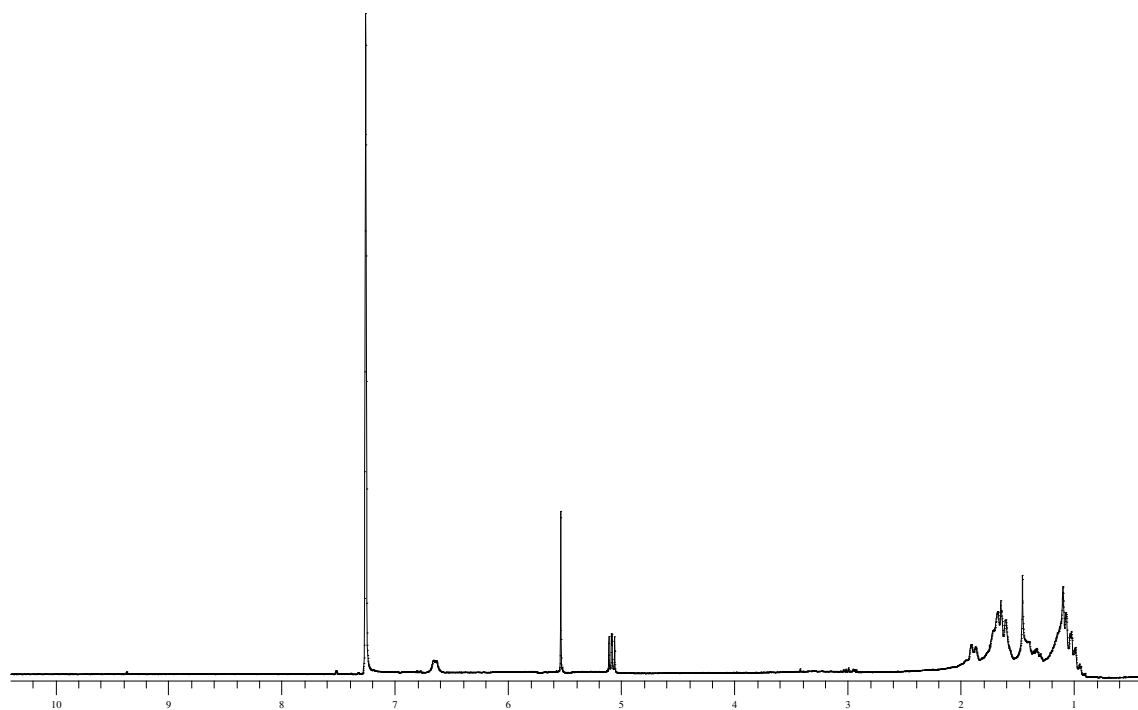
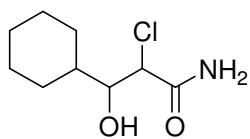
*Departamento de Química Orgánica e Inorgánica, Universidad de Oviedo, Julián Clavería, 8, 33071 Oviedo, Spain.
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2-Chloro-3-hydroxydecanamide (3a).....	S2
2-Chloro-3-cyclohexyl-3-hydroxypropanamide (3b).....	S3
2-Chloro-3-hydroxy-5-phenylpentanamide (3c).....	S4
(<i>E</i>)-2-Decenamide (4a).....	S5
(<i>E</i>)-4-Methyl-2-hexenamide (4b).....	S6
(<i>E</i>)-3-Cyclohexylacrilamide (4c).....	S7
(<i>E</i>)-5-Phenyl-2-pentenamide (4d).....	S8
(<i>E</i>)-5,7,7-Trimethyl-2-octenamide (4e).....	S9
(2 <i>E</i> ,9 <i>Z</i>)-Dodeca-2,9-dienamide (4f).....	S10

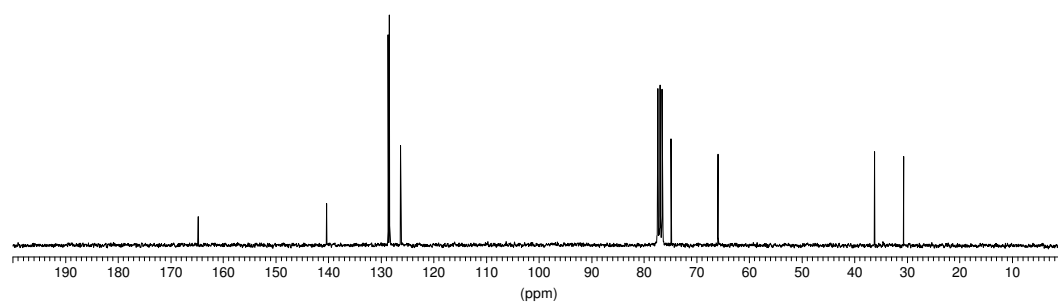
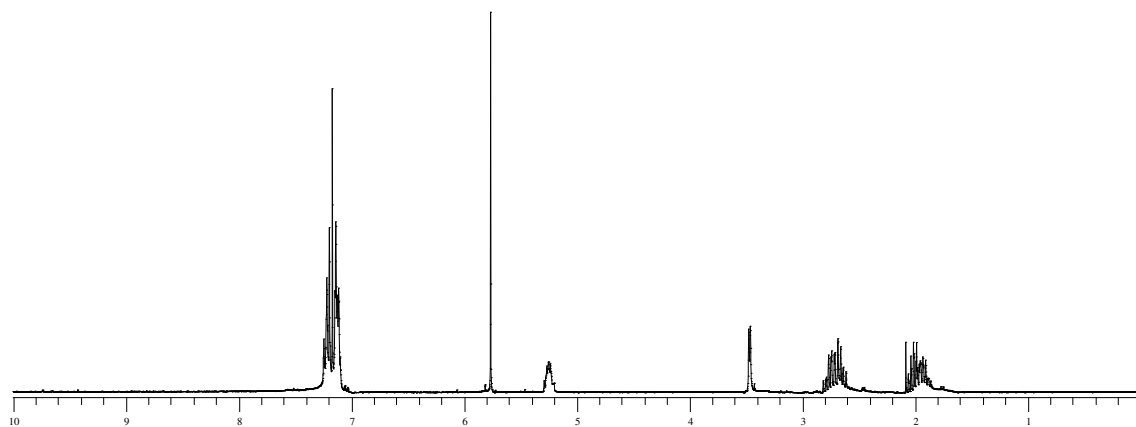
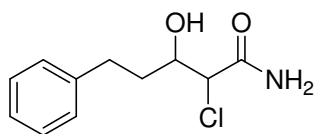
2-Chloro-3-hydroxydecanamide (3a)



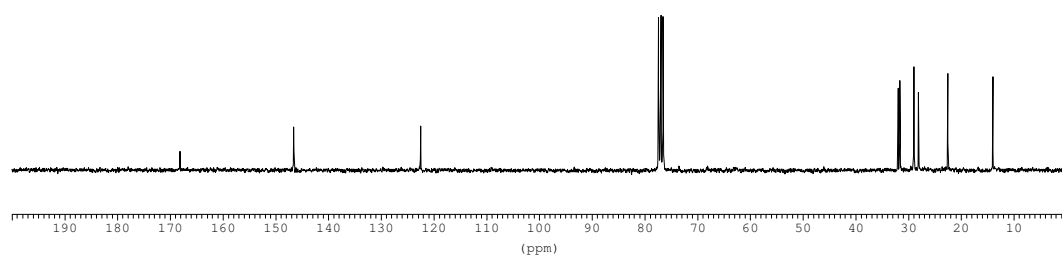
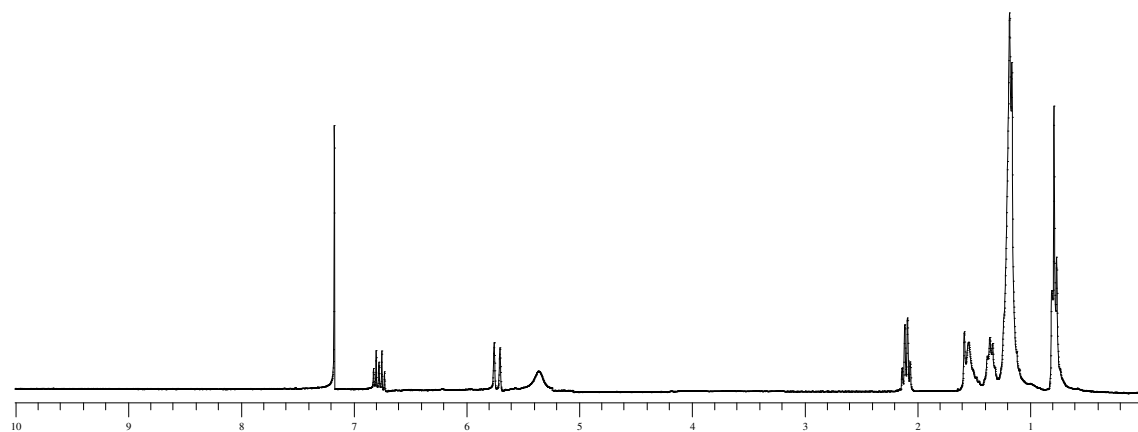
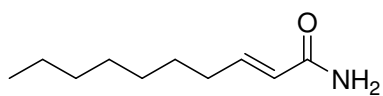
2-Chloro-3-cyclohexyl-3-hydroxypropanamide (3b)



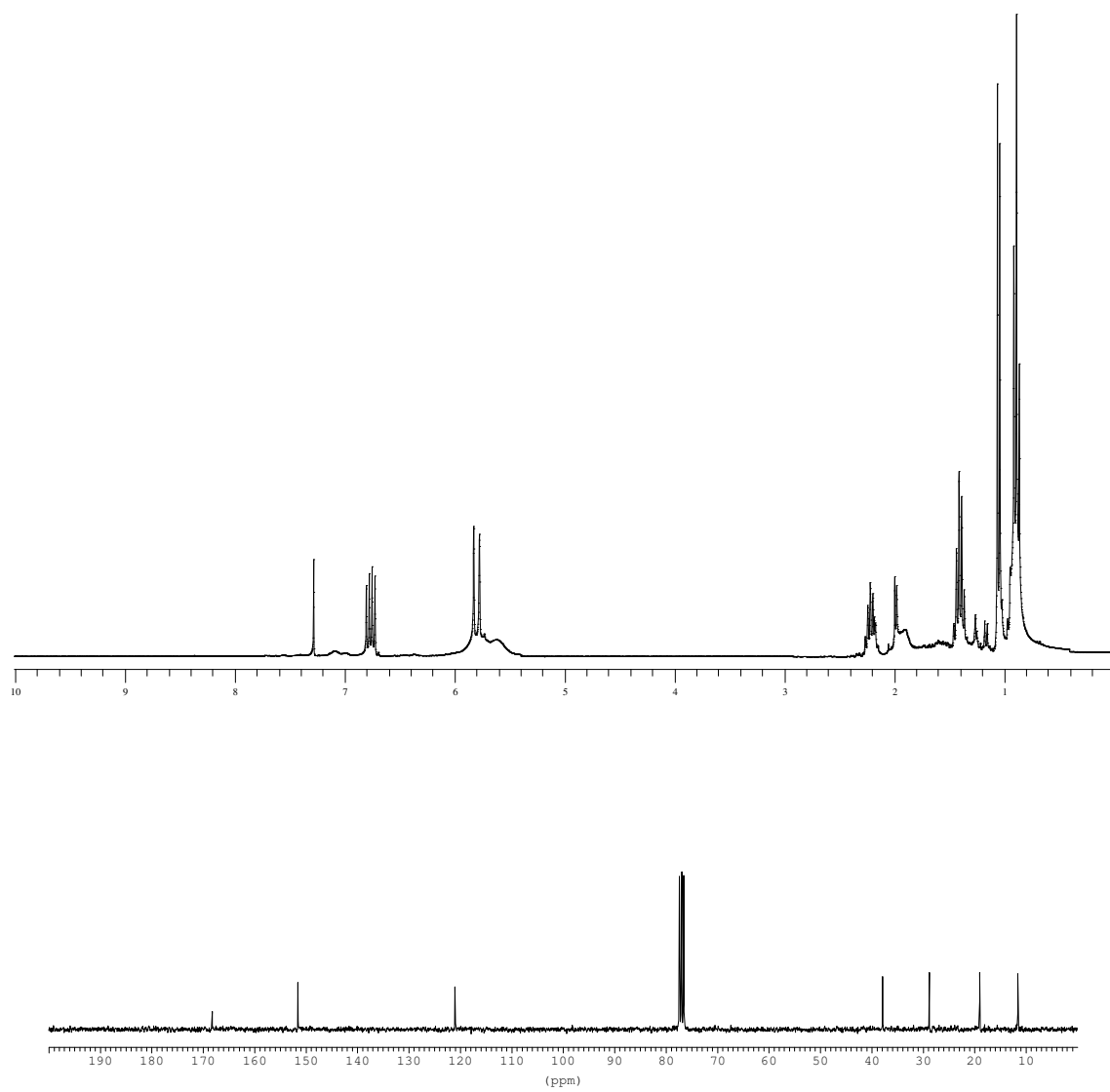
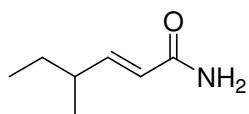
2-Chloro-3-hydroxy-5-phenylpentanamide (3c)



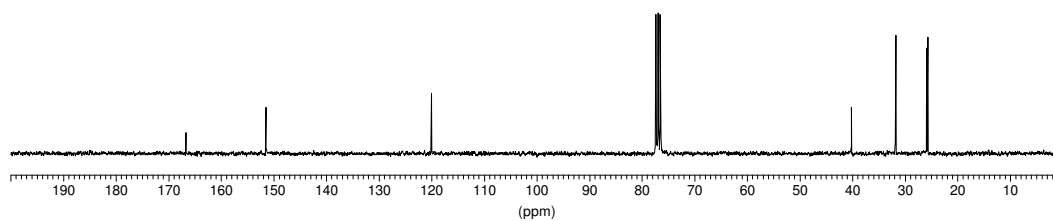
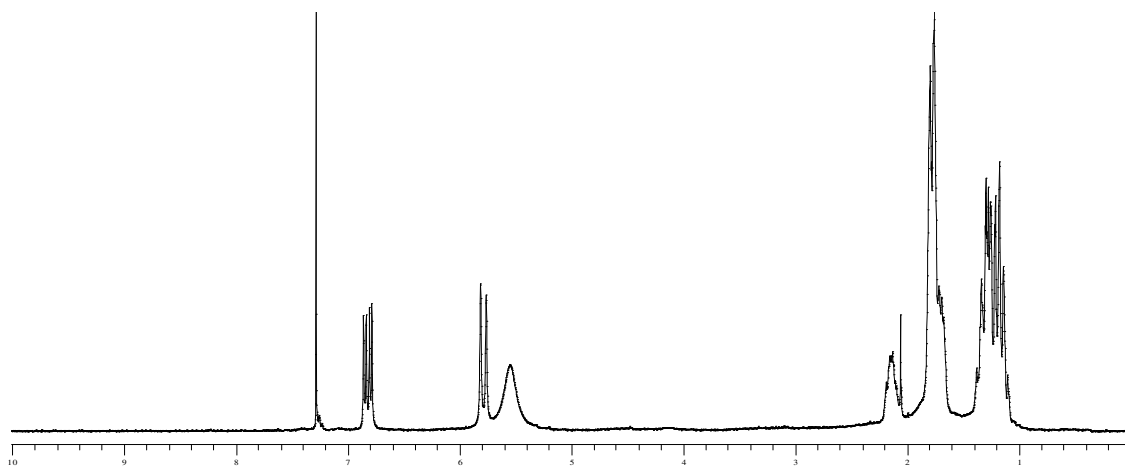
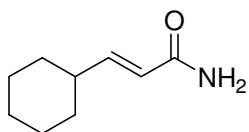
(E)-2-Decenamide (4a)



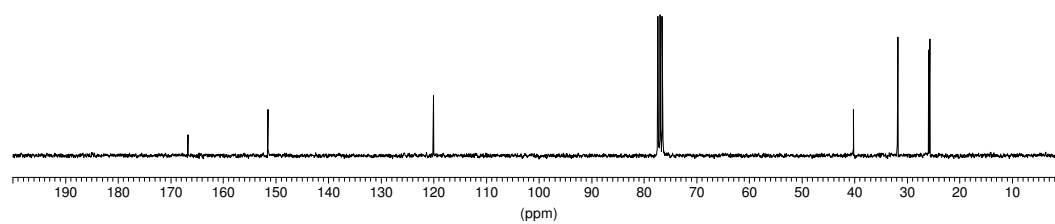
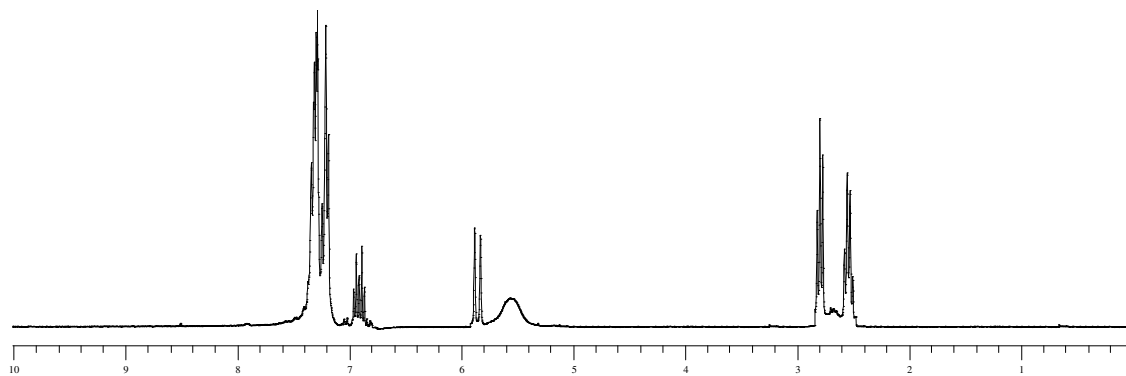
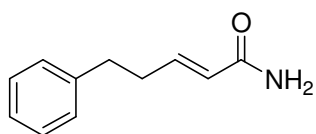
(E)-4-Methyl-2-hexenamide (4b)



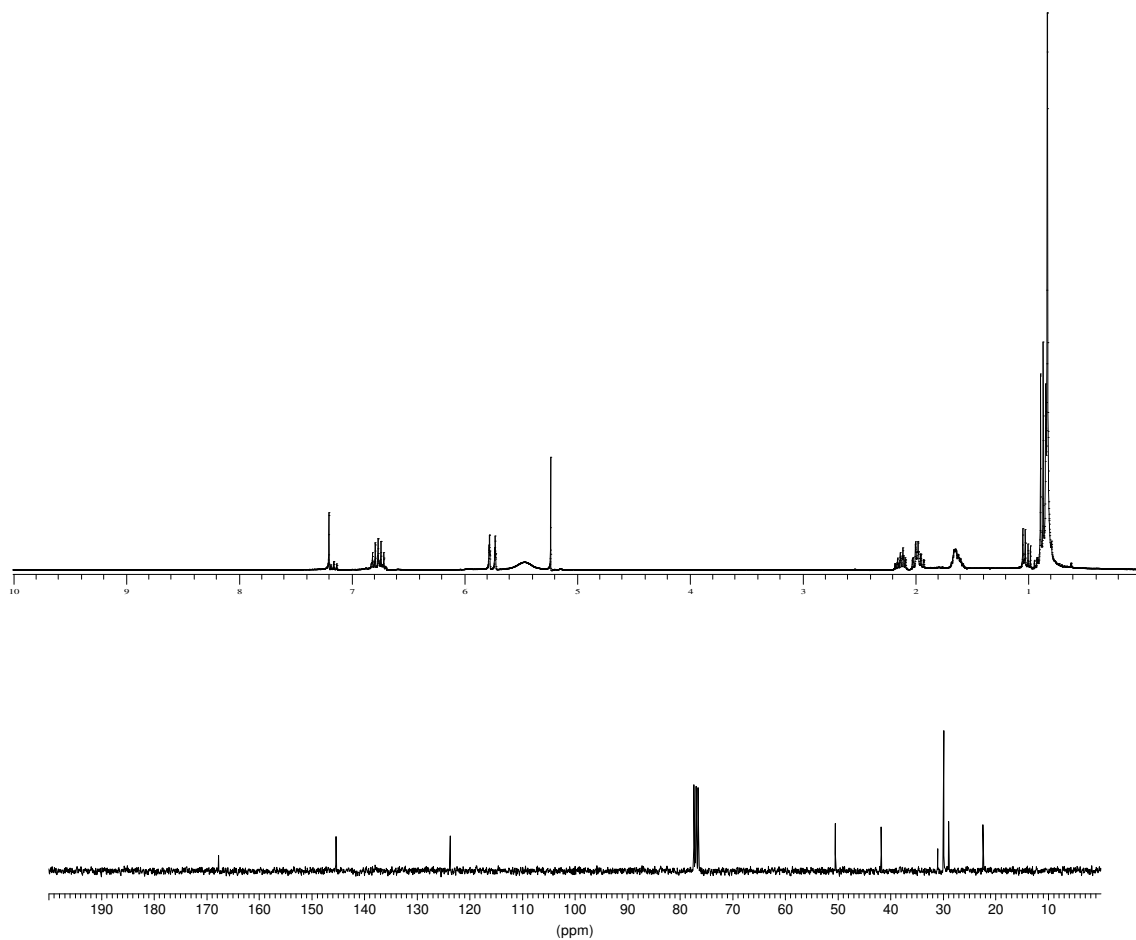
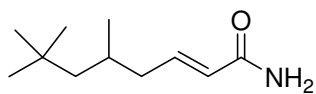
(E)-3-Cyclohexylacrilamide (4c)



(E)-5-Phenyl-2-pentenamide (4d)



(E)-5,7,7-Trimethyl-2-octenamide (4e)



(2*E*,9*Z*)-Dodeca-2,9-dienamide (4f)

