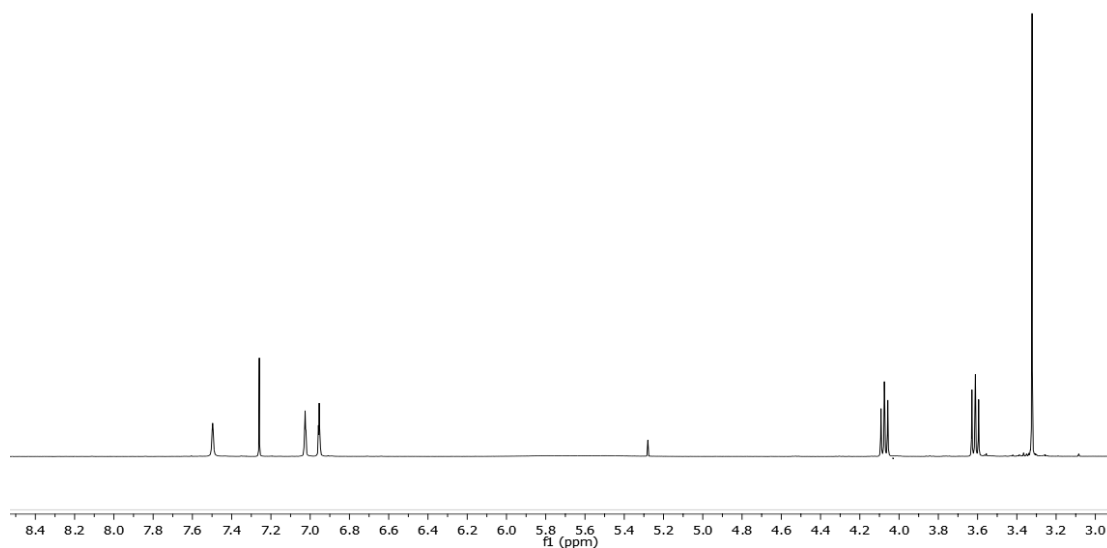
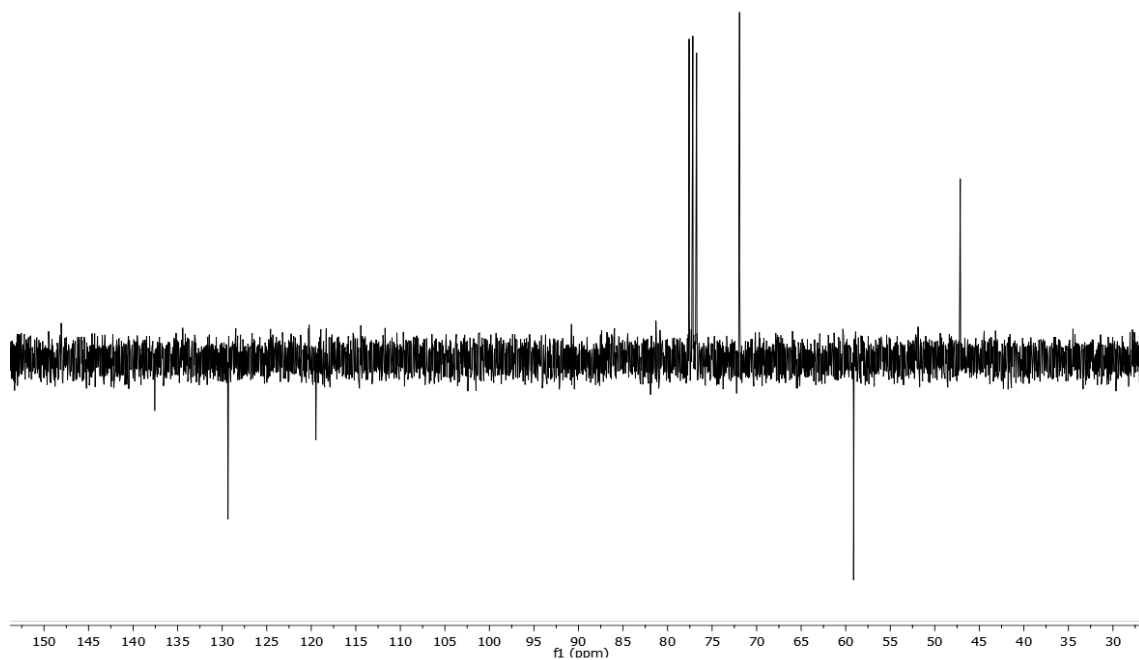


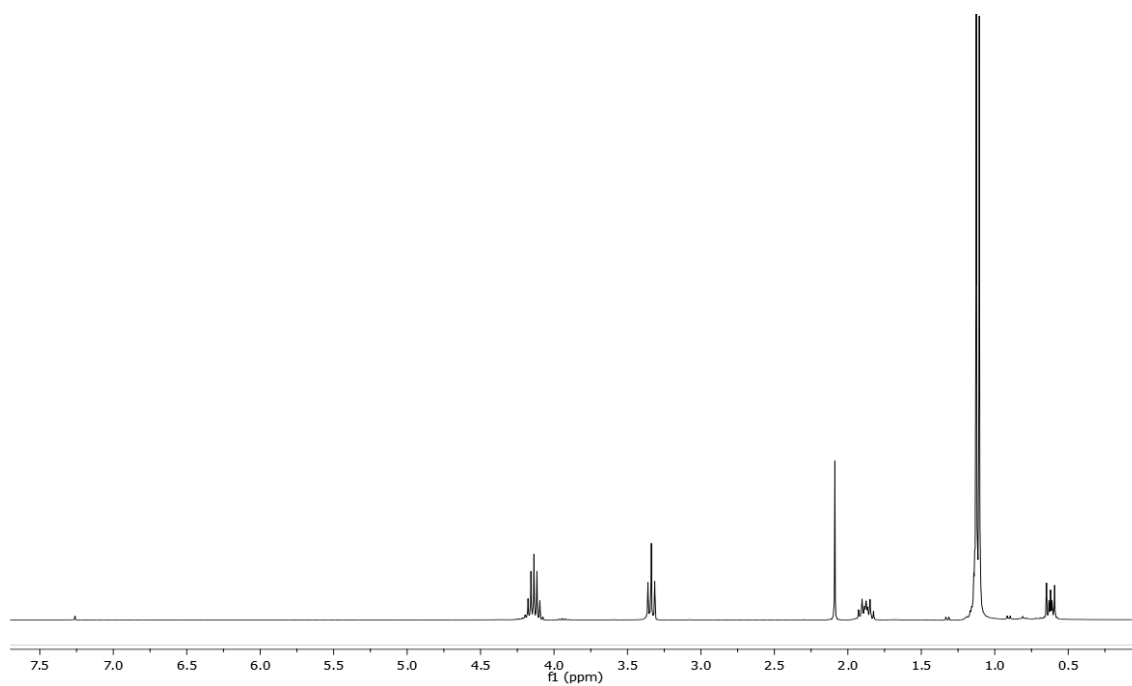
A. ESPECTROS DE RMN DE ^1H , $^{13}\text{C}\{^1\text{H}\}$, $^{29}\text{Si}\{^1\text{H}\}$, $^{13}\text{C}\{^1\text{H}\}$ CP-MAS Y $^{29}\text{Si}\{^1\text{H}\}$ CP-MAS



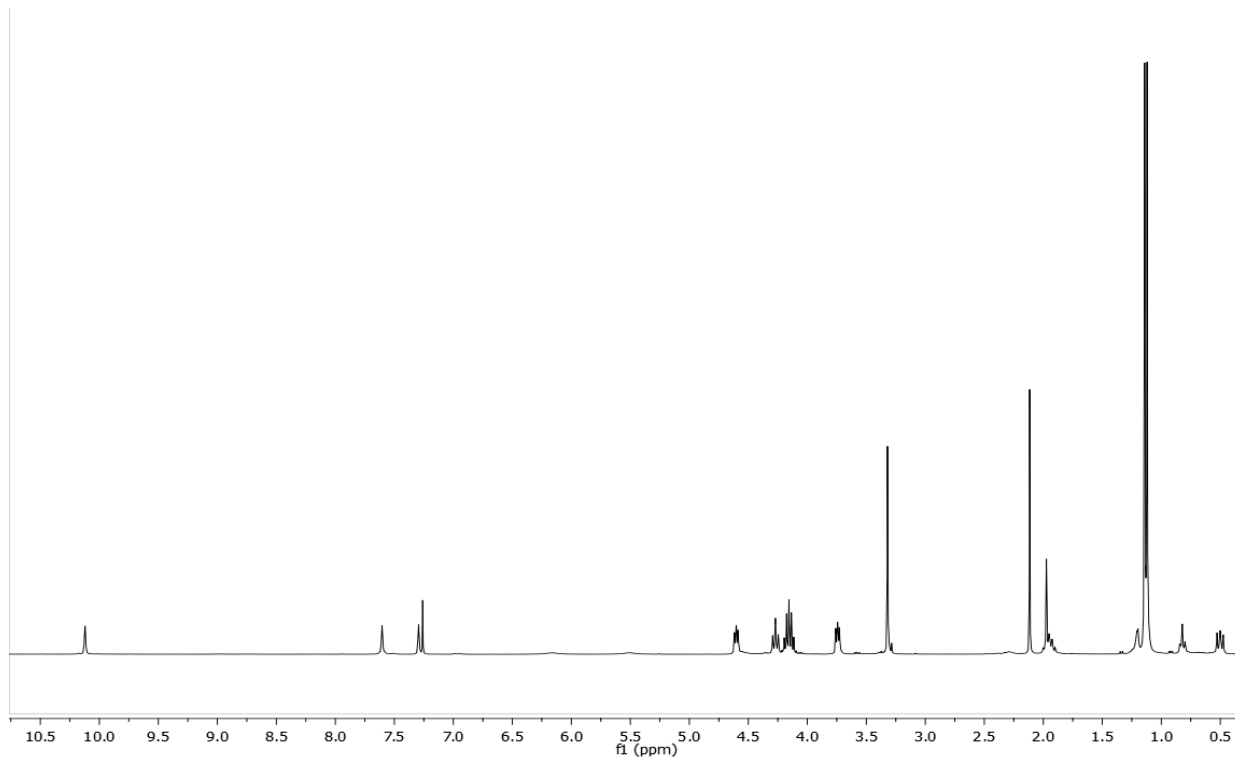
A.1. Espectro de RMN de ^1H de (1)



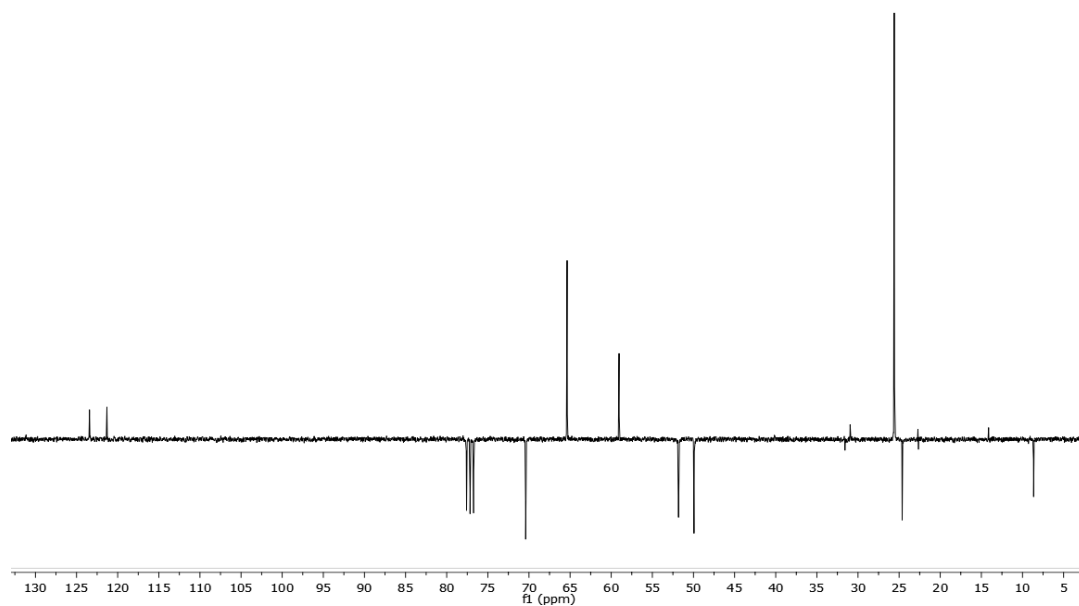
A.2. Espectro de RMN de $^{13}\text{C}\{^1\text{H}\}$ de (1)



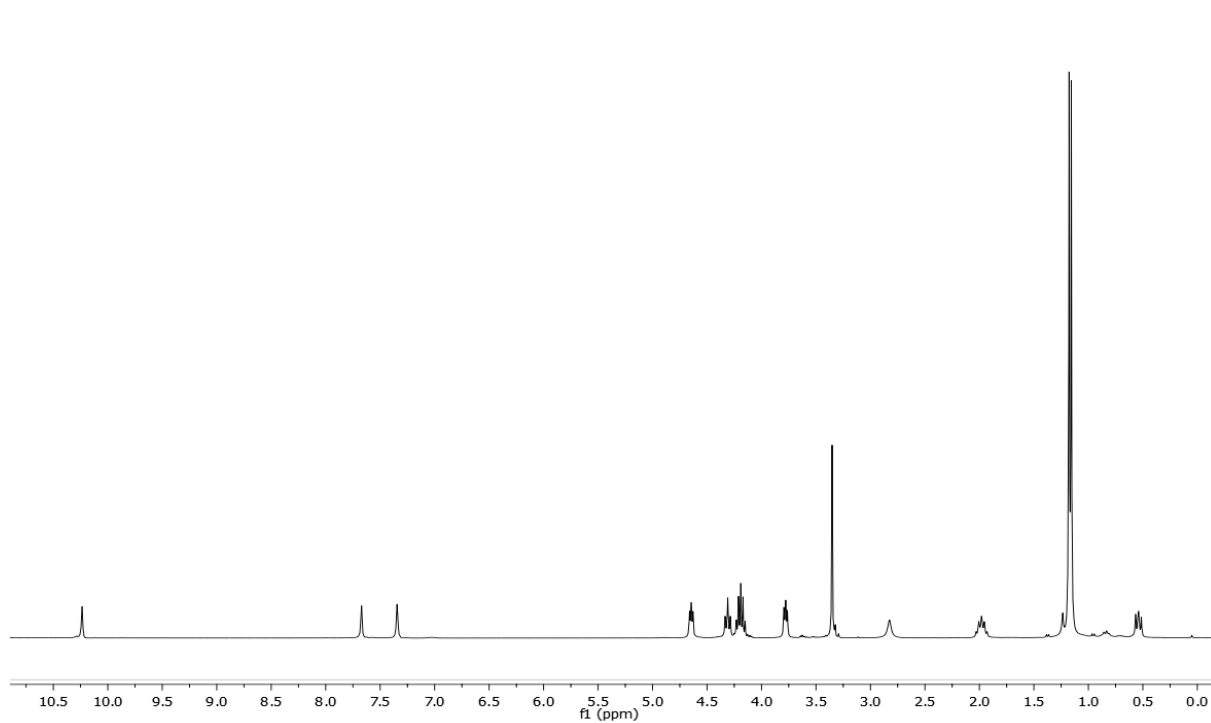
A.3. Espectro de RMN de ^1H de $\text{Br}(\text{CH}_2)_3\text{Si}(\text{OiPr})_3$



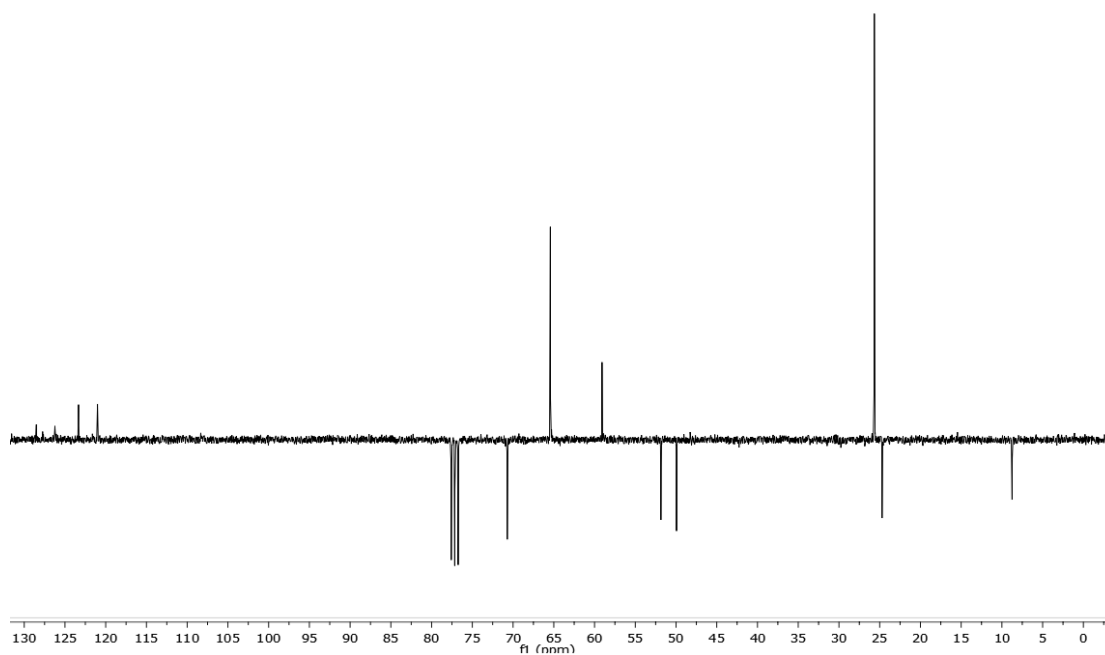
A.4. Espectro de RMN de ^1H de $[2]\text{Br}$



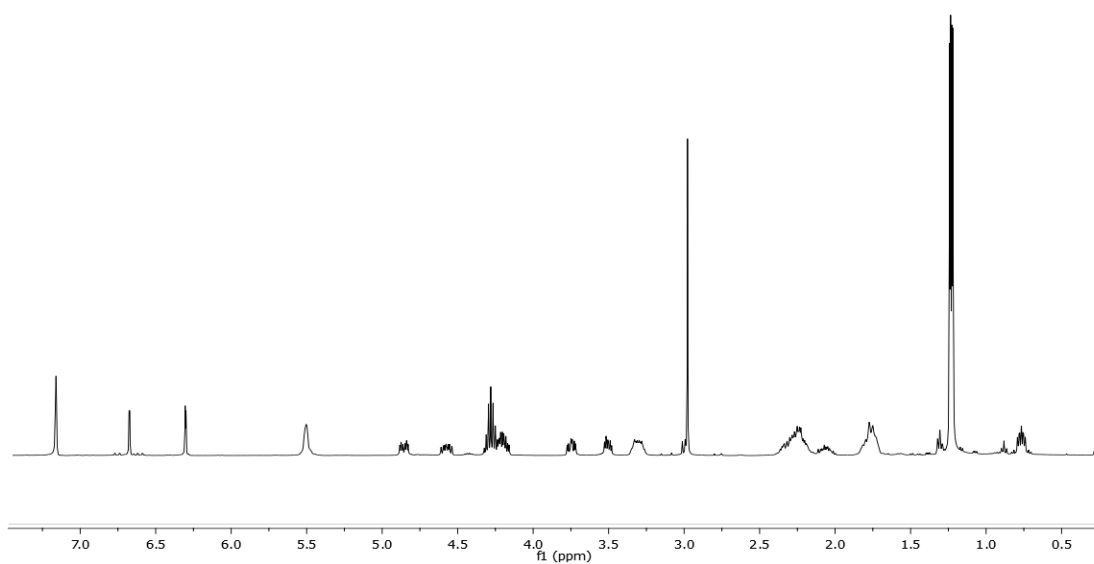
A.5. Espectro de RMN de ^{13}C $\{^1\text{H}\}$ de **[2]Br**



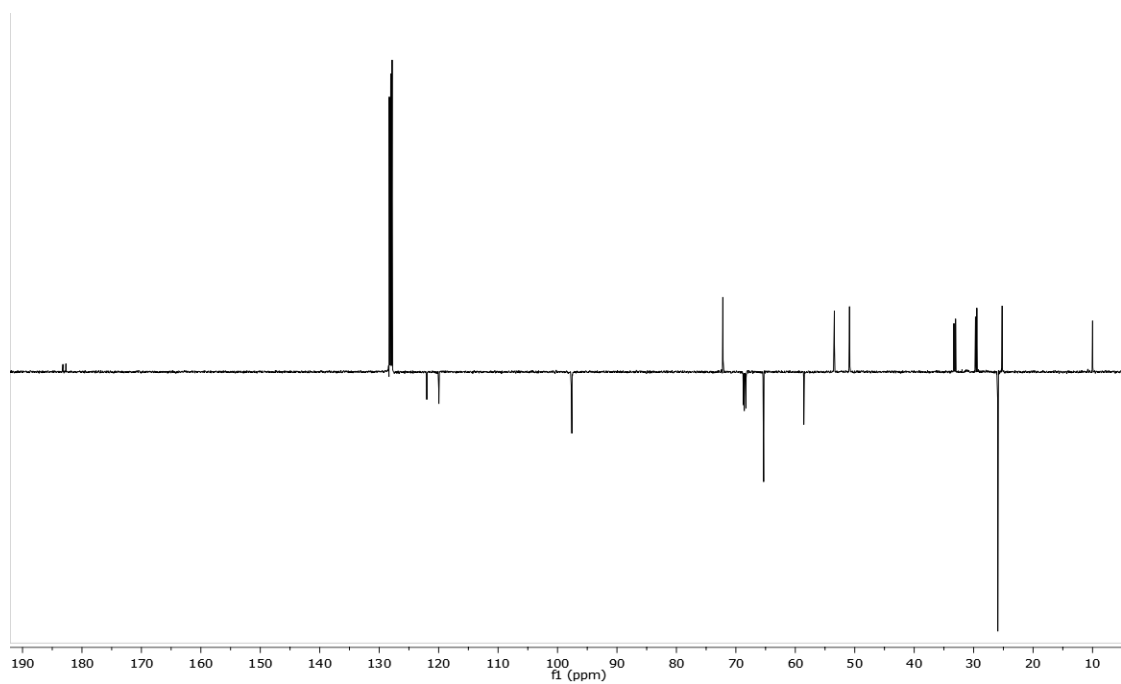
A.6. Espectro de RMN de ^1H de **[2]Cl**



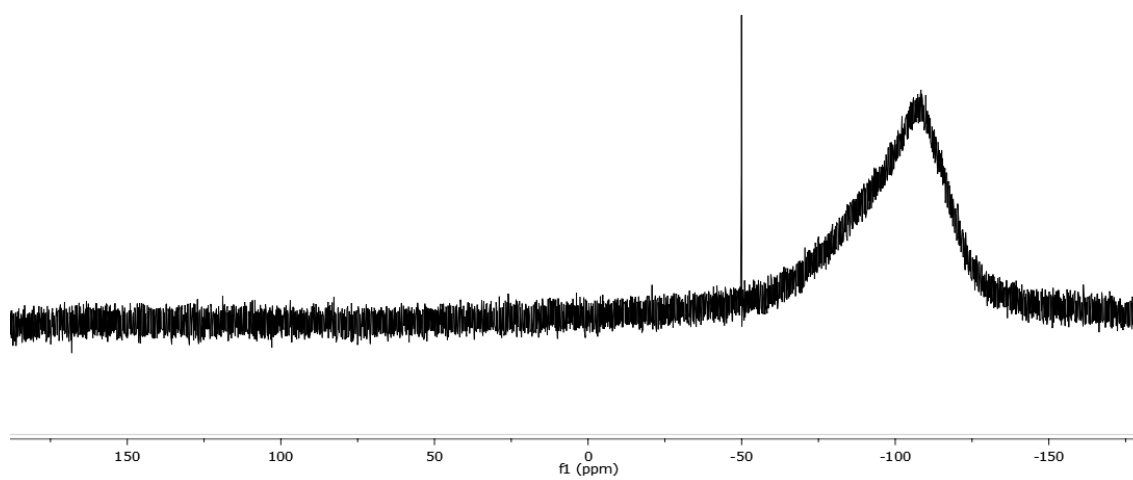
A.7. Espectro de RMN de ^{13}C $\{^1\text{H}\}$ de **[2]Cl**



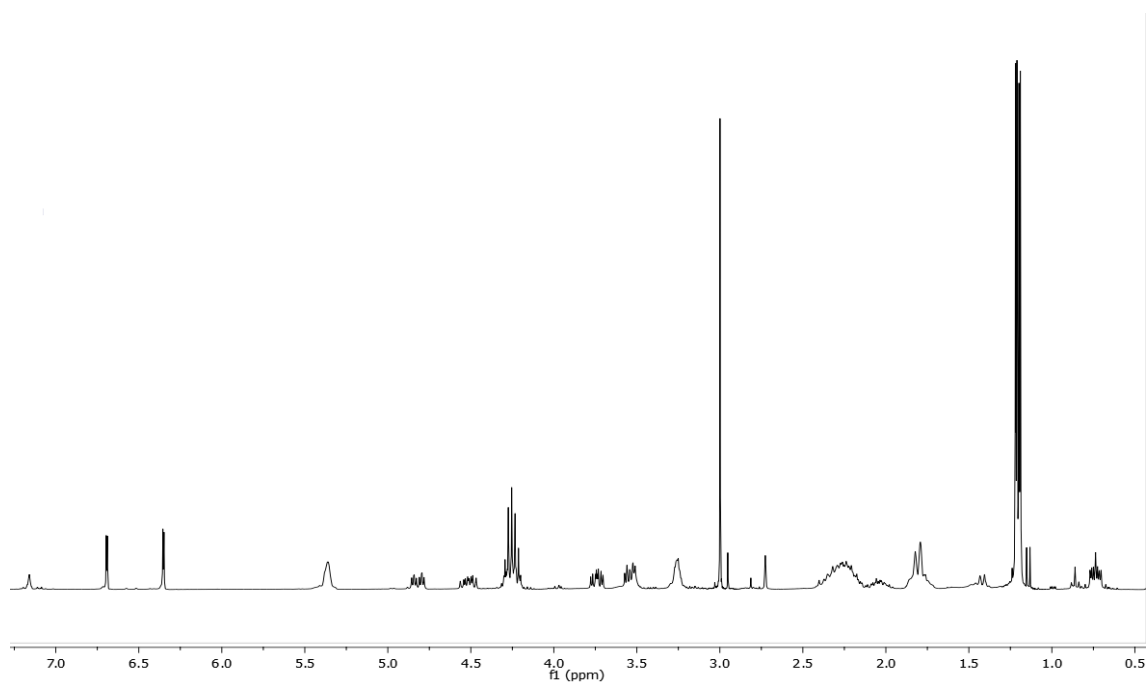
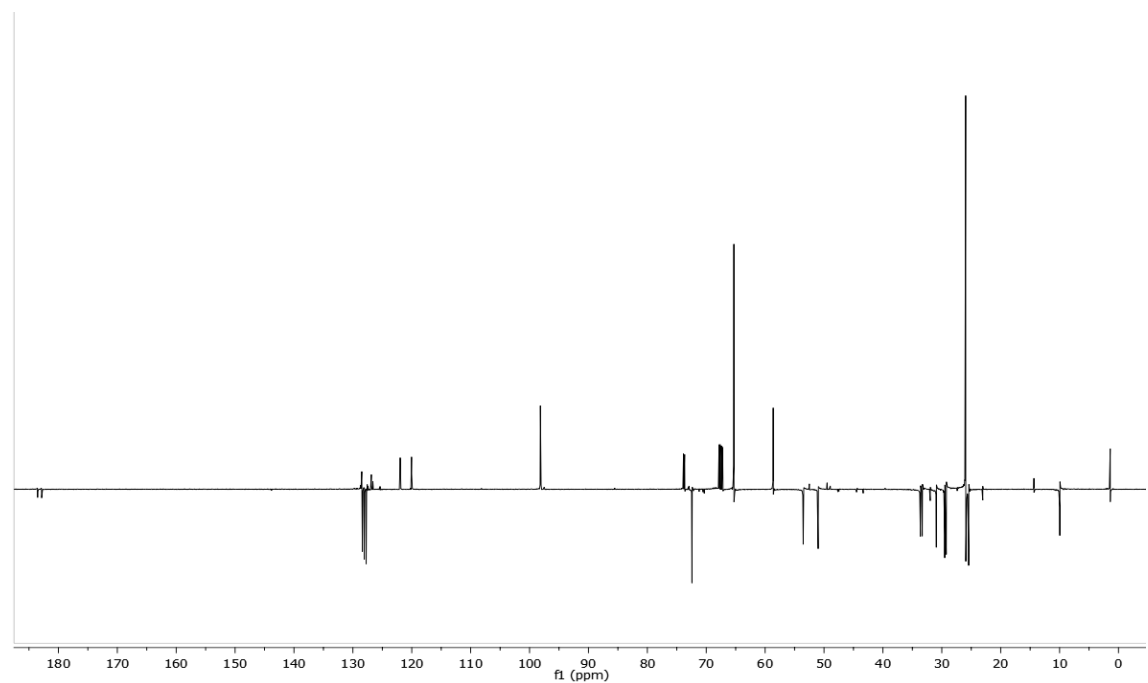
A.8. Espectro de RMN de ^1H de **3a**

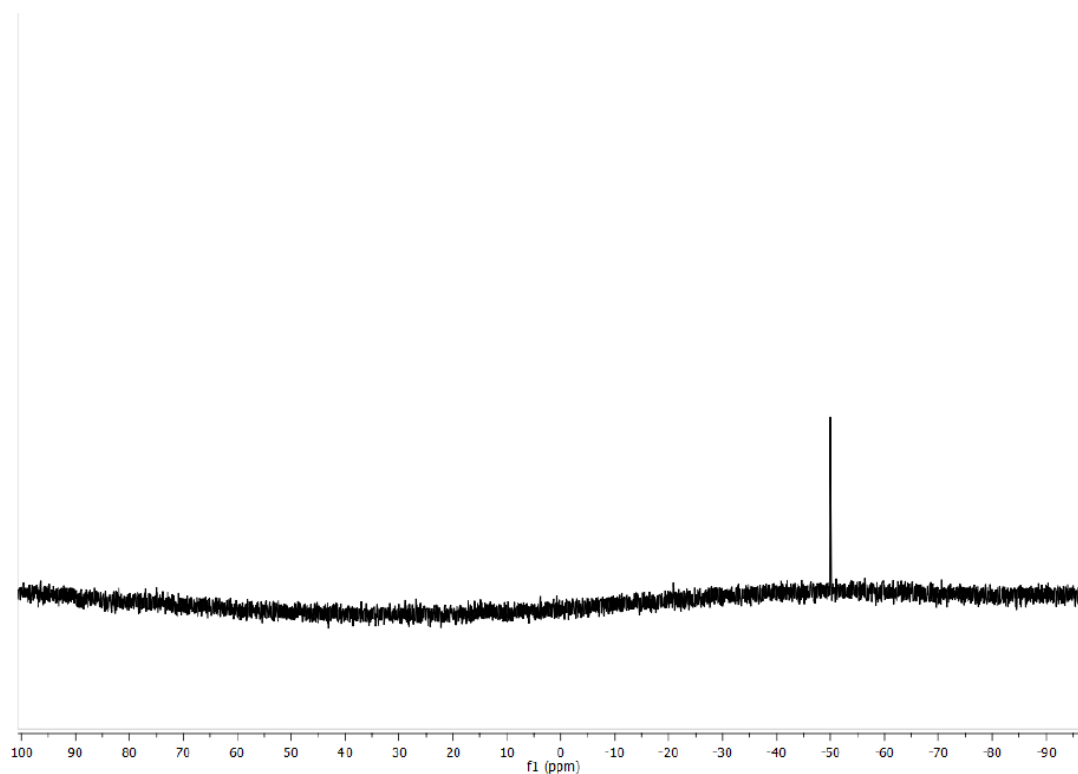


A.9. Espectro de RMN de ^{13}C $\{^1\text{H}\}$ de **3a**

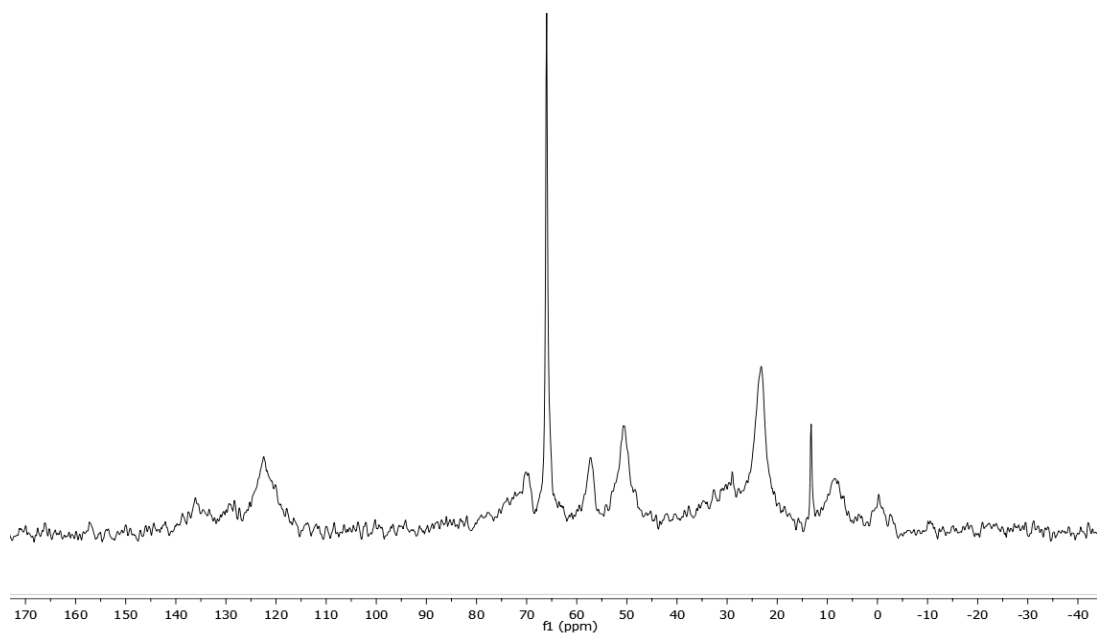


A.10. Espectro de RMN de ^{29}Si $\{^1\text{H}\}$ de **3a**

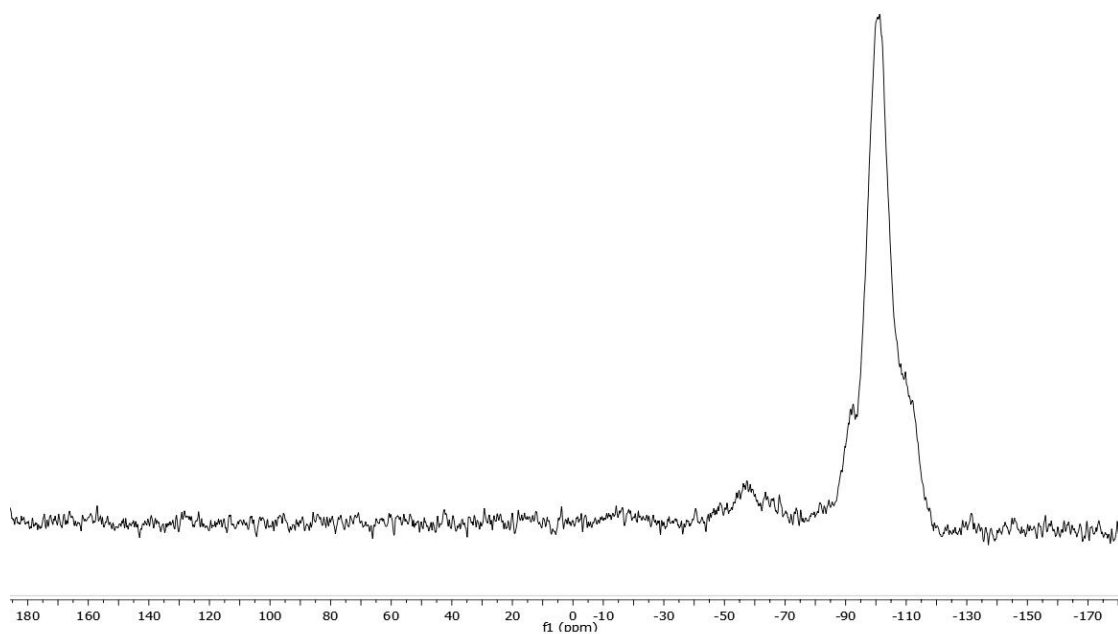
**A.11.** Espectro de RMN de ^1H de **3b****A.12.** Espectro de RMN de ^{13}C $\{^1\text{H}\}$ de **3b**



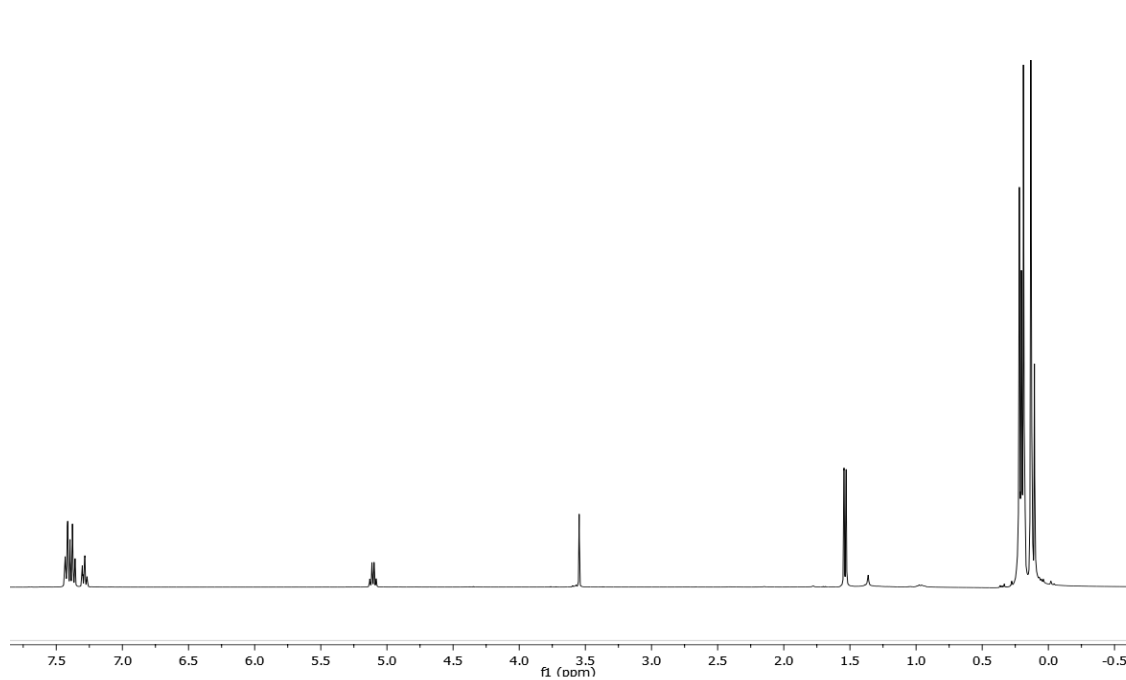
A.13. Espectro de RMN de ^{29}Si $\{^1\text{H}\}$ de **3b**



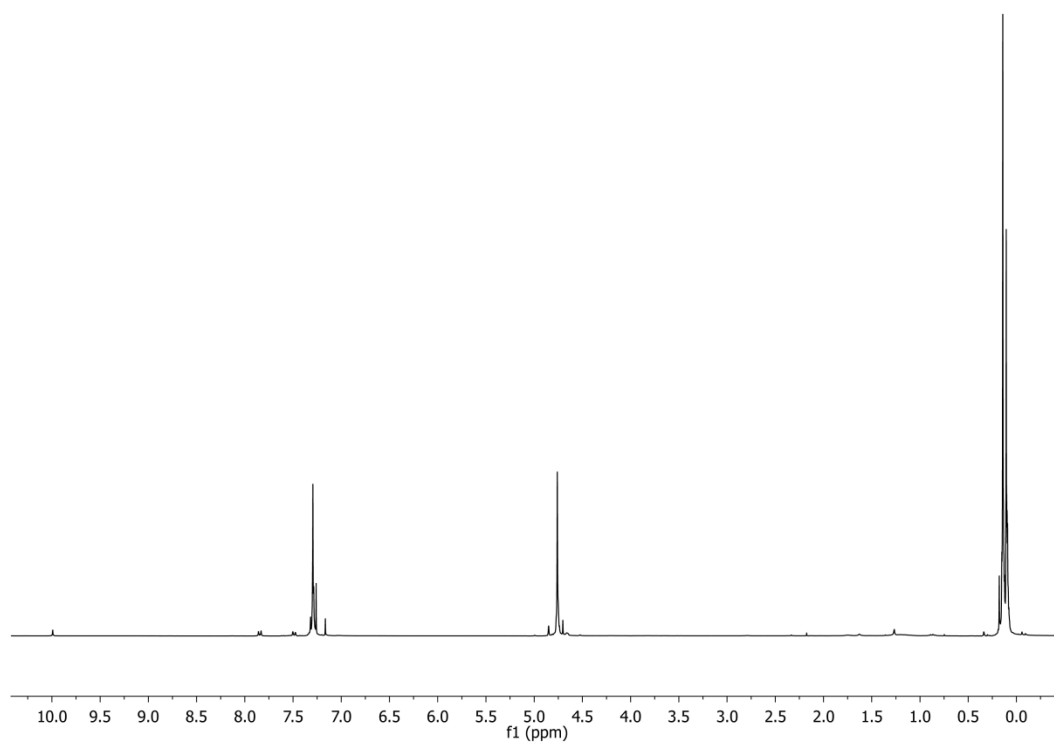
A.14. Espectro de RMN de ^{13}C $\{^1\text{H}\}$ CP-MAS de **3b-MCM-41**



A.15. Espectro de RMN de $^{29}\text{Si} \{^1\text{H}\}$ CP-MAS de **3b-MCM-41**

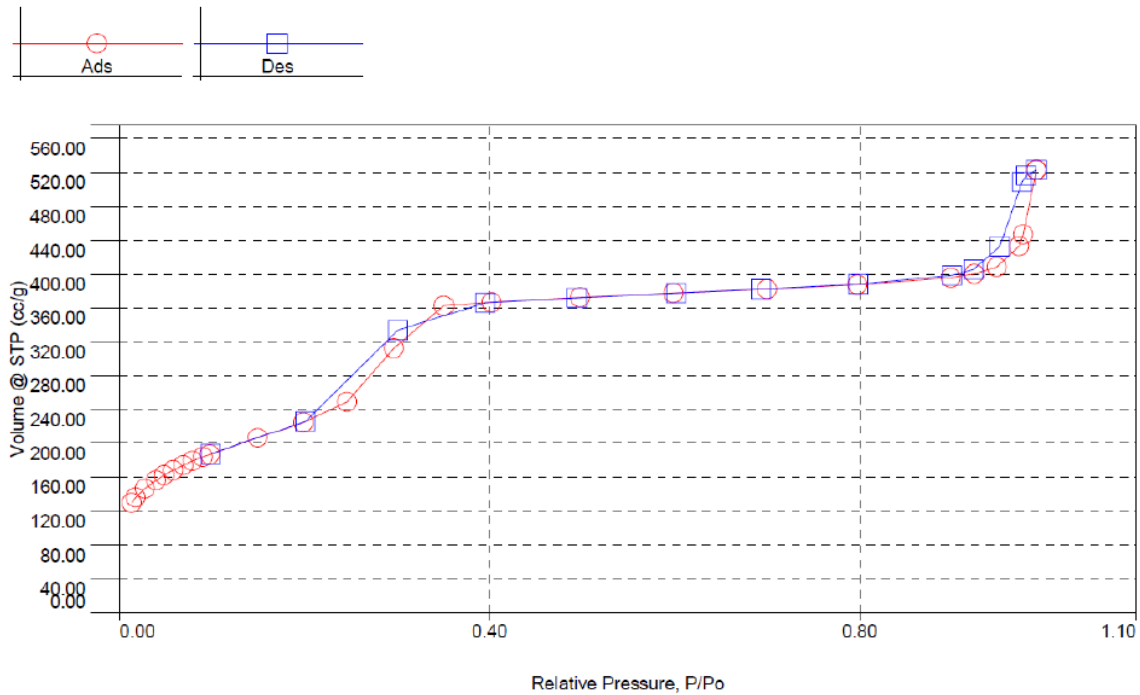


A.16. Espectro de RMN de ^1H de (**4**)

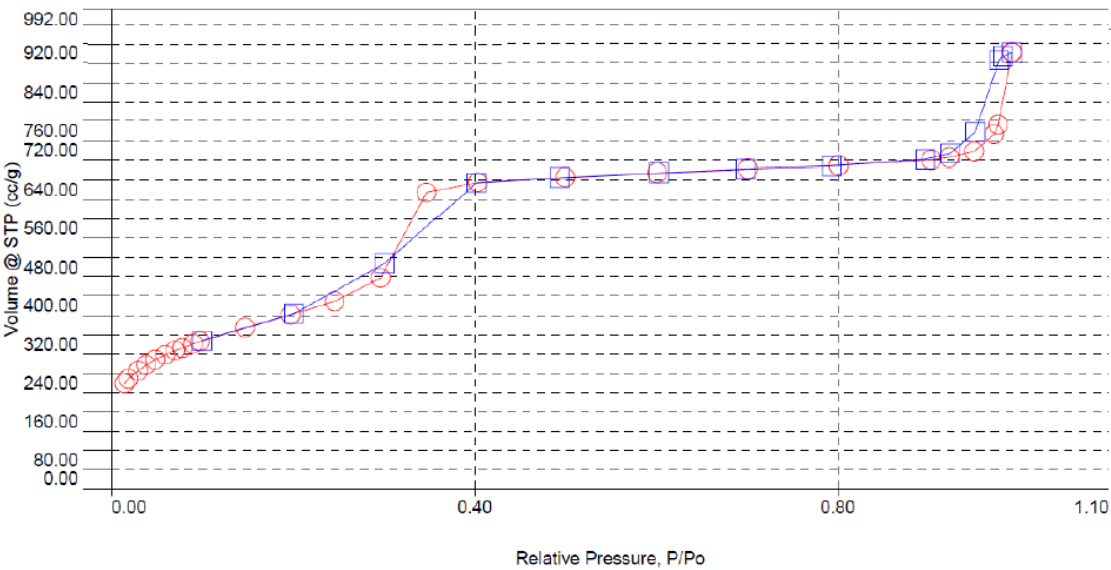


A.17. Espectro de RMN de ^1H de (5)

B. ESTUDIOS DE ABSORCIÓN/DESORCIÓN DE N₂

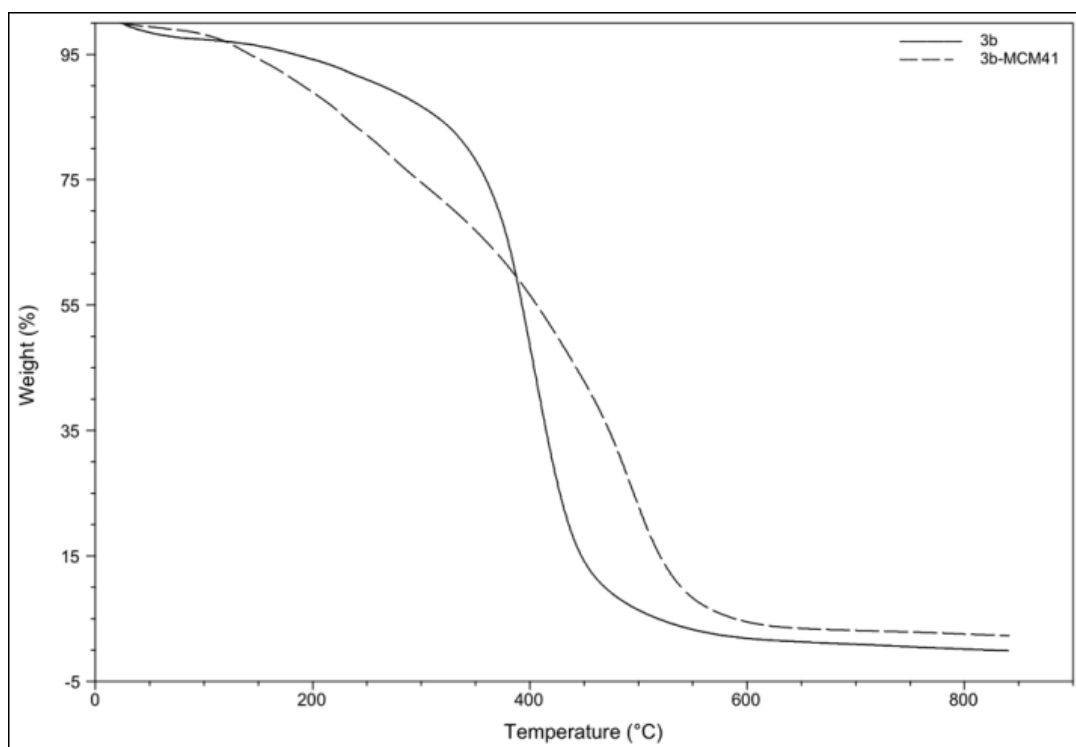


B.1. Isotherma de absorción/Desorción de N₂ en 3b-MCM-41

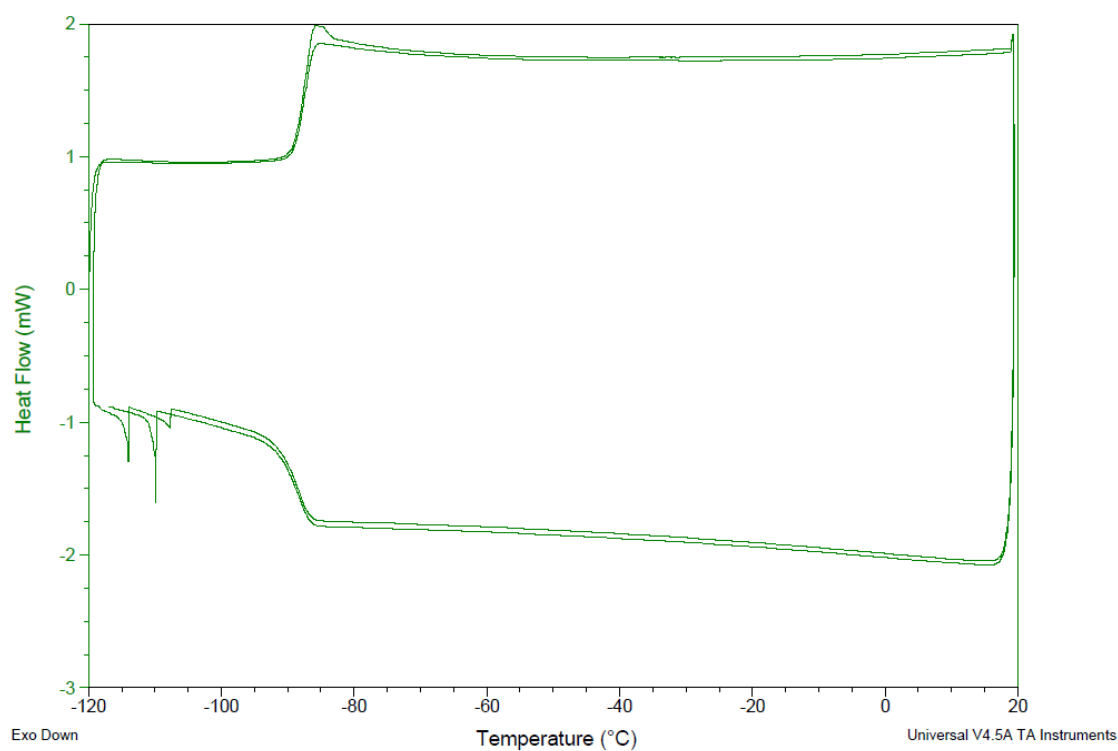


B.2. Isotherma de absorción/Desorción de N₂ en MCM-41

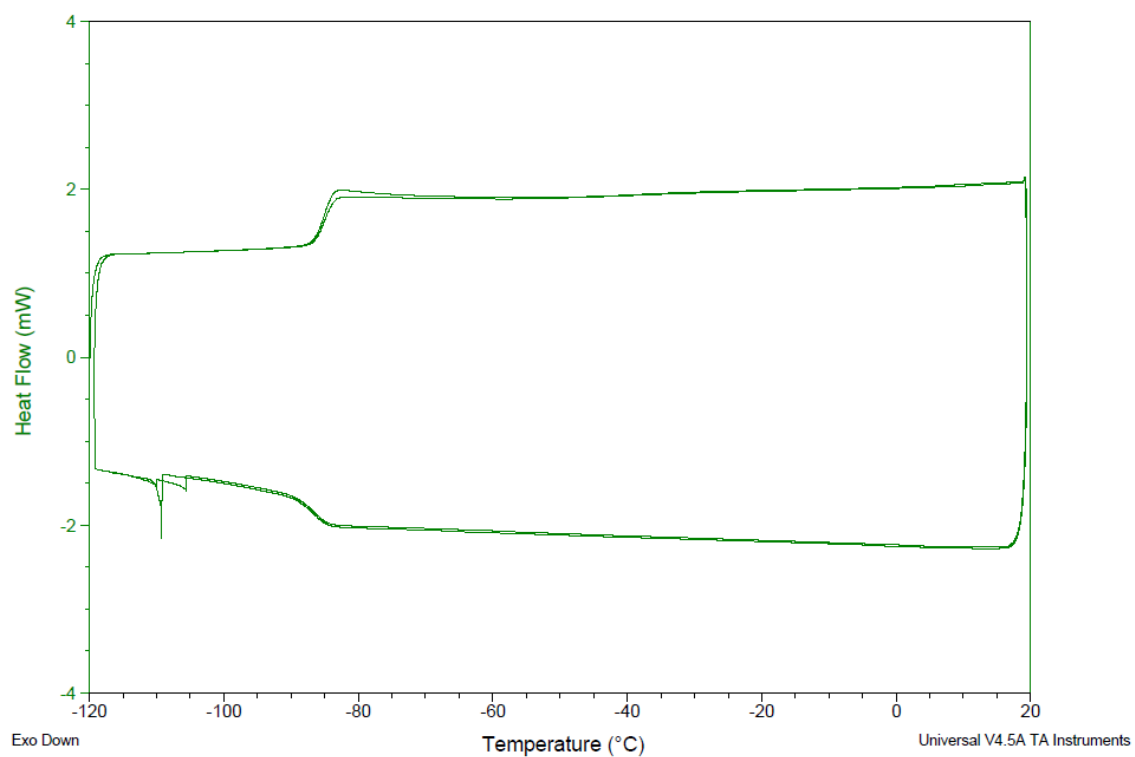
C. ANALISIS TÉRMICO DE (5)



C.1 Estudios de termogavimetría (TGA) de 5 sintetizados usando 3b o 3b-MCM-41



C.2 Estudios de Calorimetría de Barrido Circular (DSC) de 5 usando 3b



C.3. Estudios de Calorimetría de Barrido Circular (DSC) de **5** usando **3b-MCM-41**