

Figure S1 a, b, c.  $^1\text{H}$ ,  $^{13}\text{C}$ ,  $^{29}\text{Si}$  NMR spectra of 1,1,1,7-tetramethoxy-3,3,5,5,7,7-hexamethyl-1,3,5,7-tetrasiloxane, {TMOS-D<sub>3</sub>}.

Figure S2 a, b, c.  $^1\text{H}$ ,  $^{13}\text{C}$ ,  $^{29}\text{Si}$  NMR spectra of 1,1,1,7-tetramethoxy-3,5,7-trimethyl-3,5,7-trivinyl-1,3,5,7-tetrasiloxane, {TMOS-V<sub>3</sub>}.

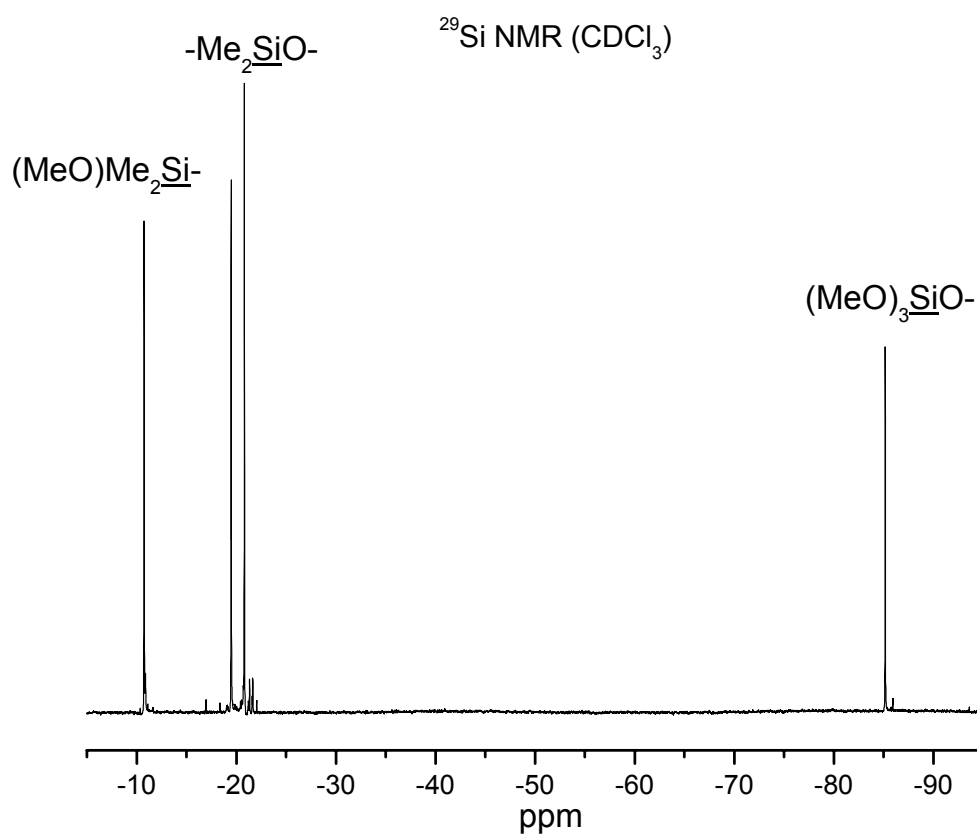


Figure S1 a

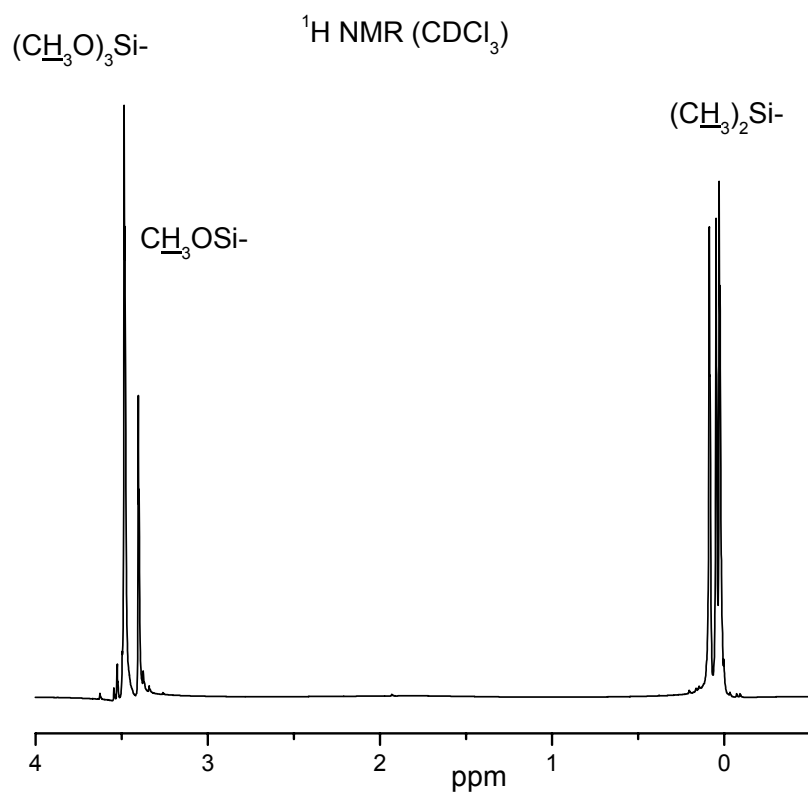


Figure S1 b

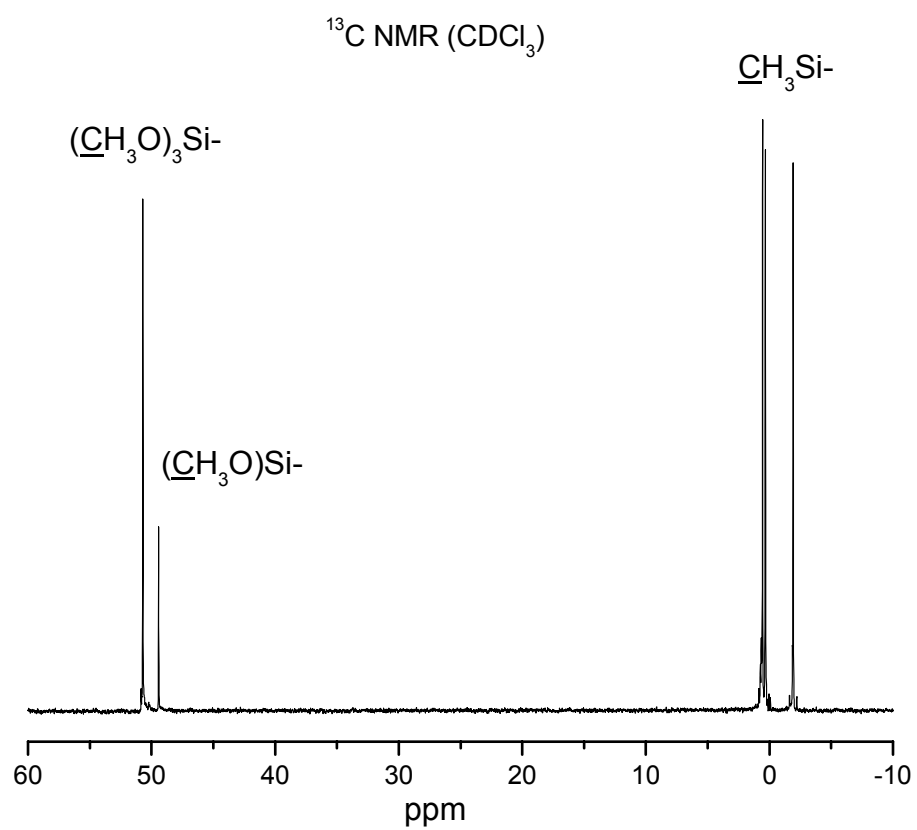


Figure S1 c

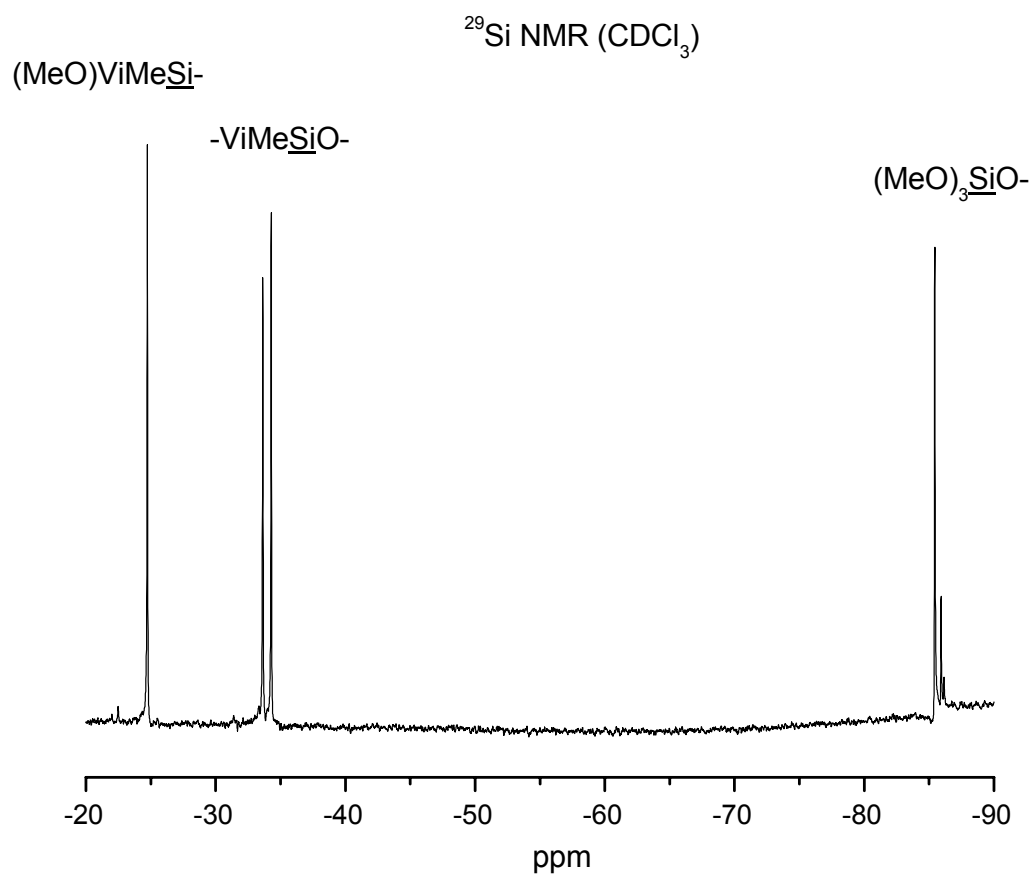


Figure S2 a

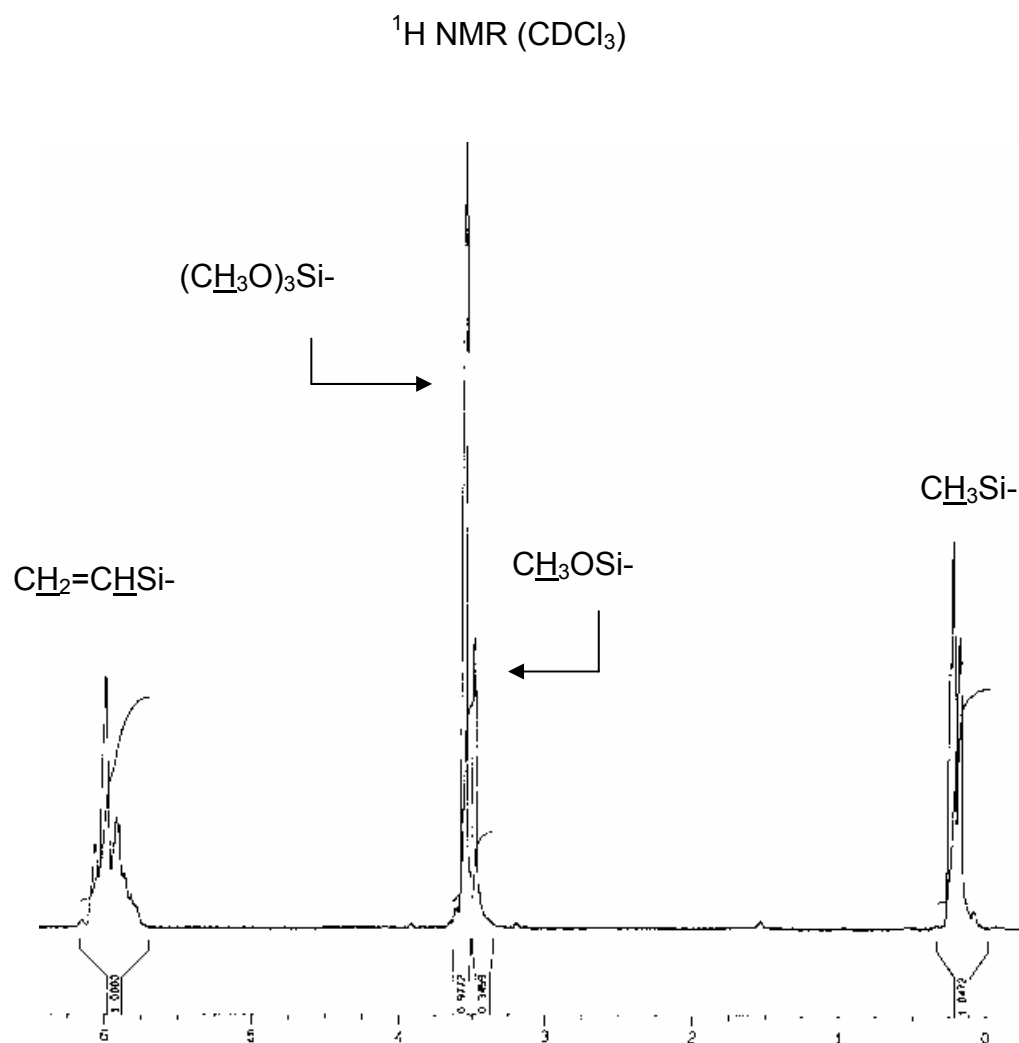


Figure S2 b

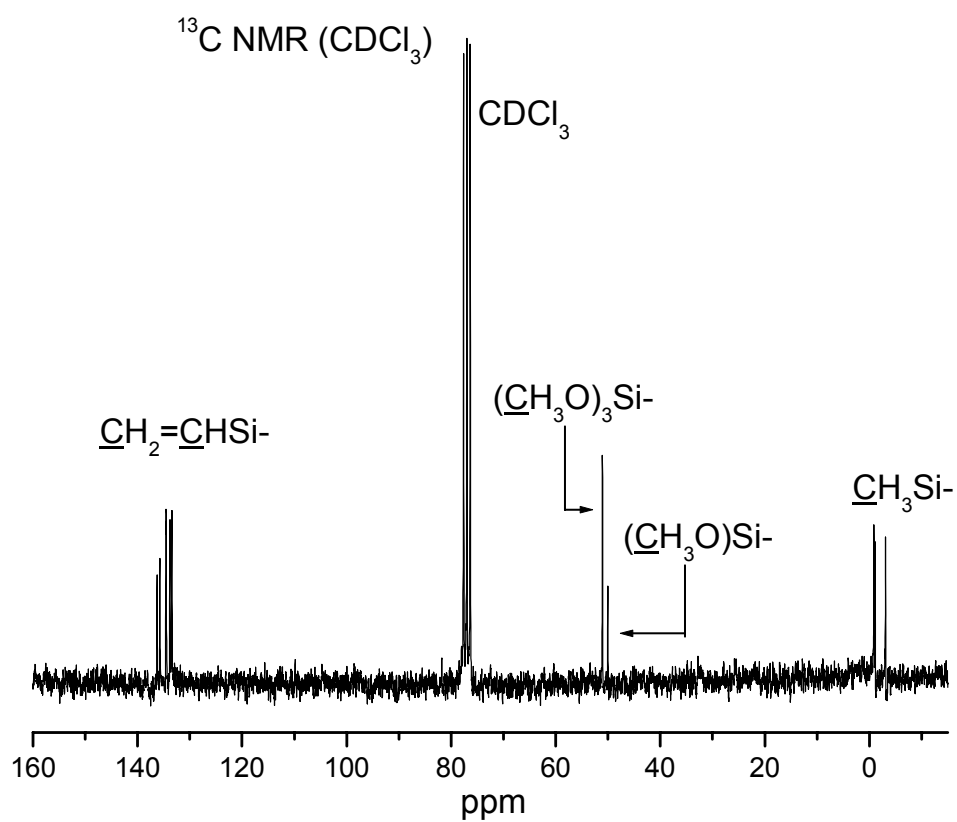


Figure S2 c