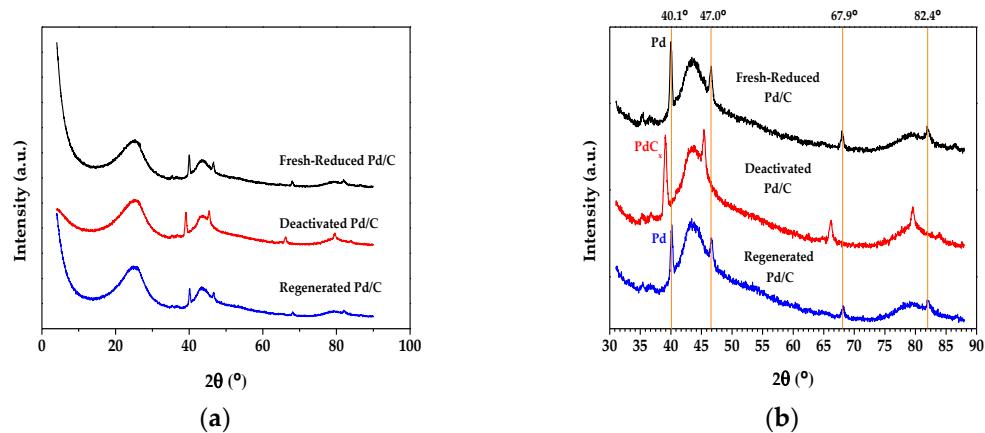


# Recycling of gas phase residual dichloromethane by hydrodechlorination: Regeneration of deactivated Pd/C catalysts

S. Liu, M. Martin-Martinez, M.A. Álvarez-Montero, A. Arevalo-Bastante, J.J. Rodriguez, L.M. Gómez-Sainero\*

Departamento de Ingeniería Química, Facultad de Ciencias, Universidad Autónoma de Madrid, Cantoblanco, 28049 Madrid, Spain

## ELECTRONIC SUPPLEMENTARY INFORMATION



**Figure S1.** (a) XRD patterns of Pd/C (containing bigger Pd particles) used in the deactivation-regeneration study, (b) partial detail (diffraction peaks of metallic Pd (black and blue); diffraction peaks of PdCx (red)).