

Supporting Information:

Figure 1. Bakhshiev's (a), Lippert–Mataga (b), Kawski–Chamma–Viallet's (c), McRae's (d) and Suppan's (e) solvatochromic correlation plots for **D_1** in seven solvents of different polarities and R-square of the corresponding linear fits. Chloroform and dichloromethane have been omitted for linear regression.

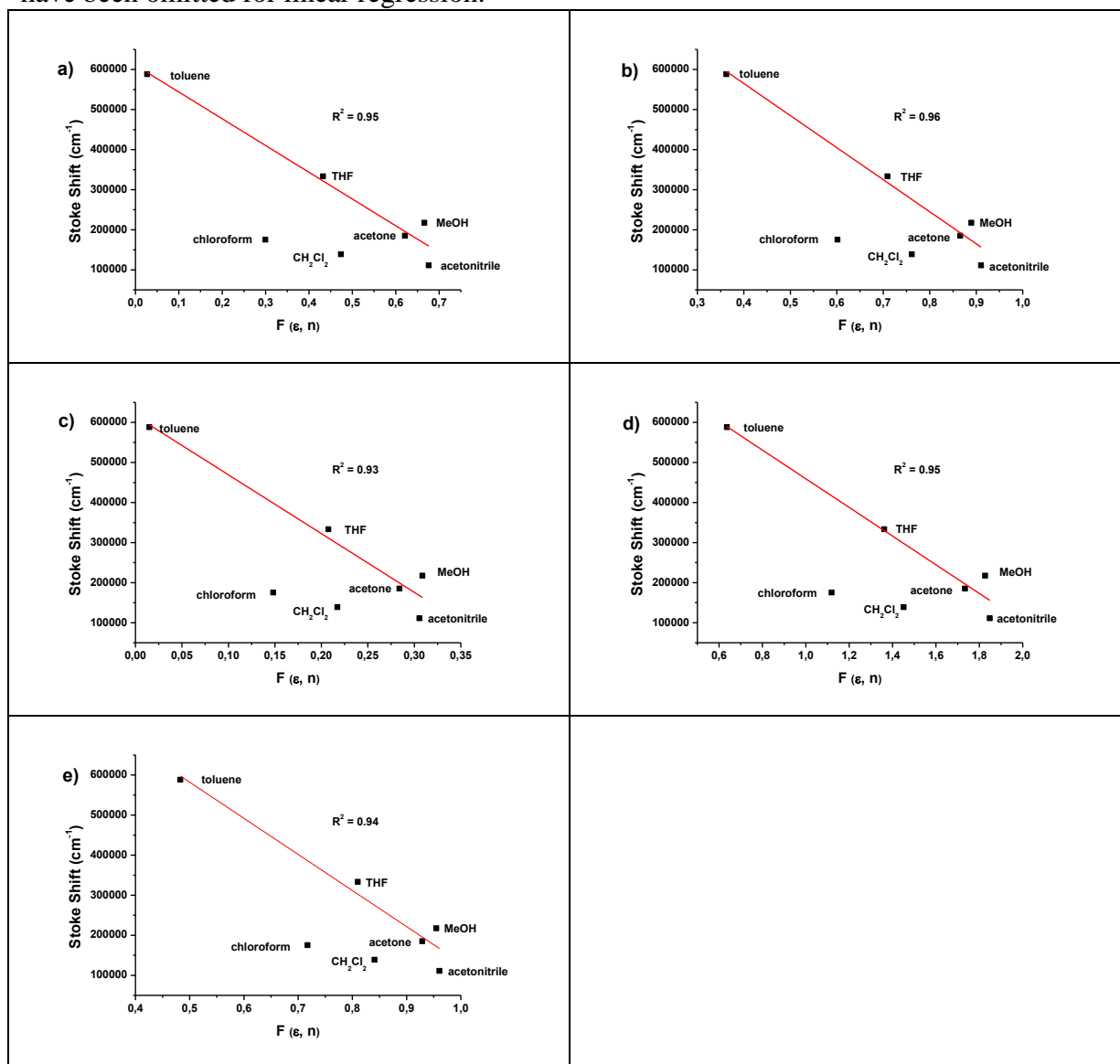


Figure 2. Bakhshiev's (a), Lippert–Mataga (b), Kawski–Chamma–Viallet's (c), McRae's (d) and Suppan's (e) solvatochromic correlation plots for **D**₂ in seven solvents of different polarities and R-square of the corresponding linear fits.

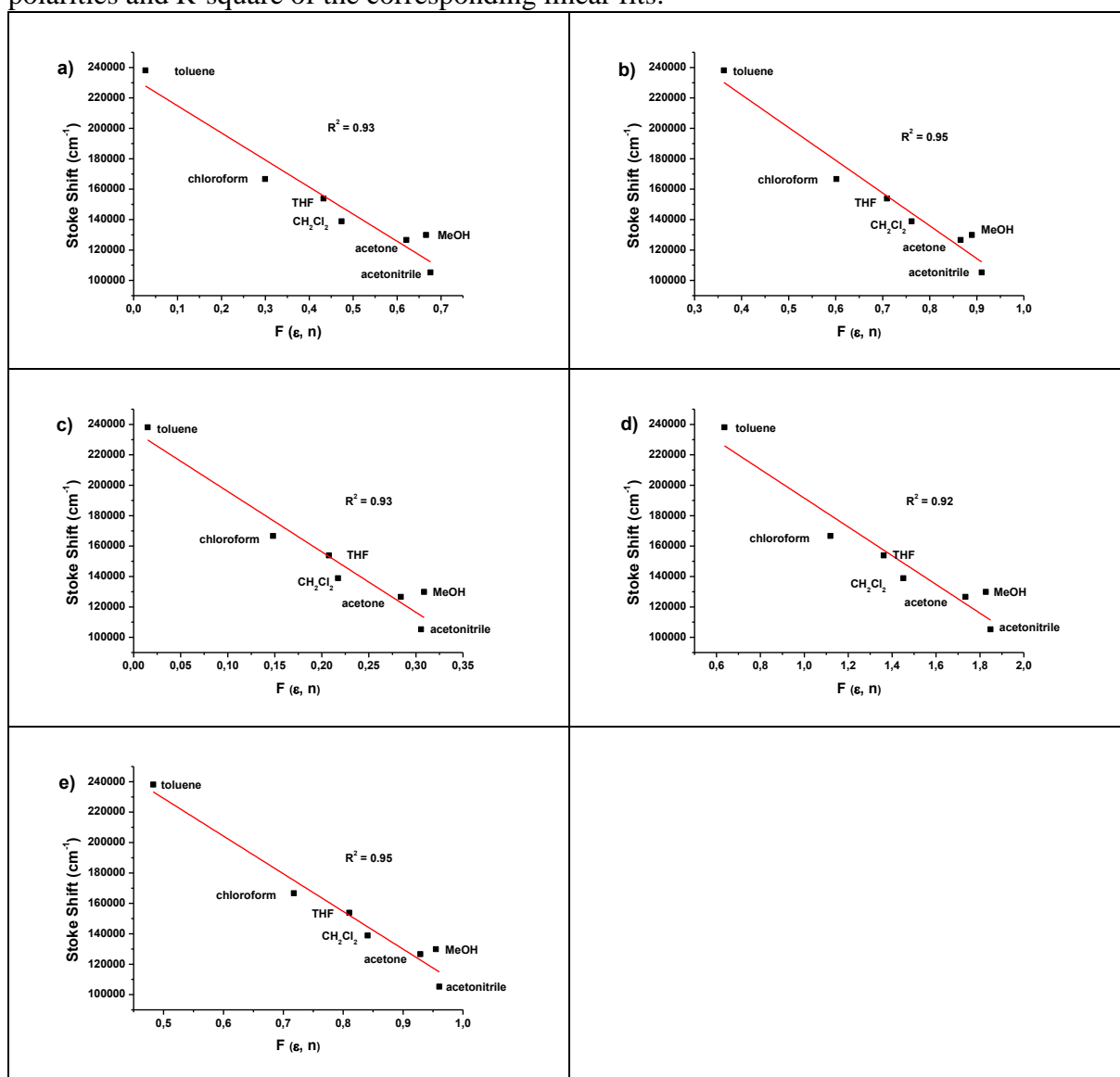


Figure 3. Kinetic recorded at 460 nm for the laser excitation of **D_2** at 355 nm (in acetonitrile under N₂); the sharpe negative peak is ascribed to the fluorescence of **D_2**.

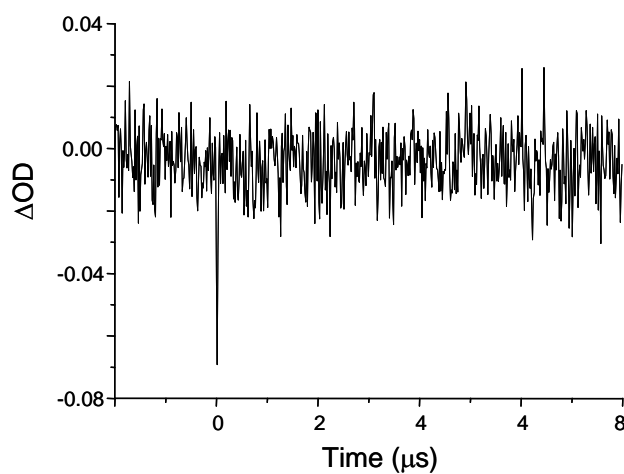


Figure 4. Photopolymerization profiles of **EPOX** under air. Upon a halogen lamp irradiation in the presence of (1) **D_2/Ph₂I⁺** (0.3%/2% w/w); (2) **D_2/NVK/Ph₂I⁺** (0.3%/3%/2% w/w).

