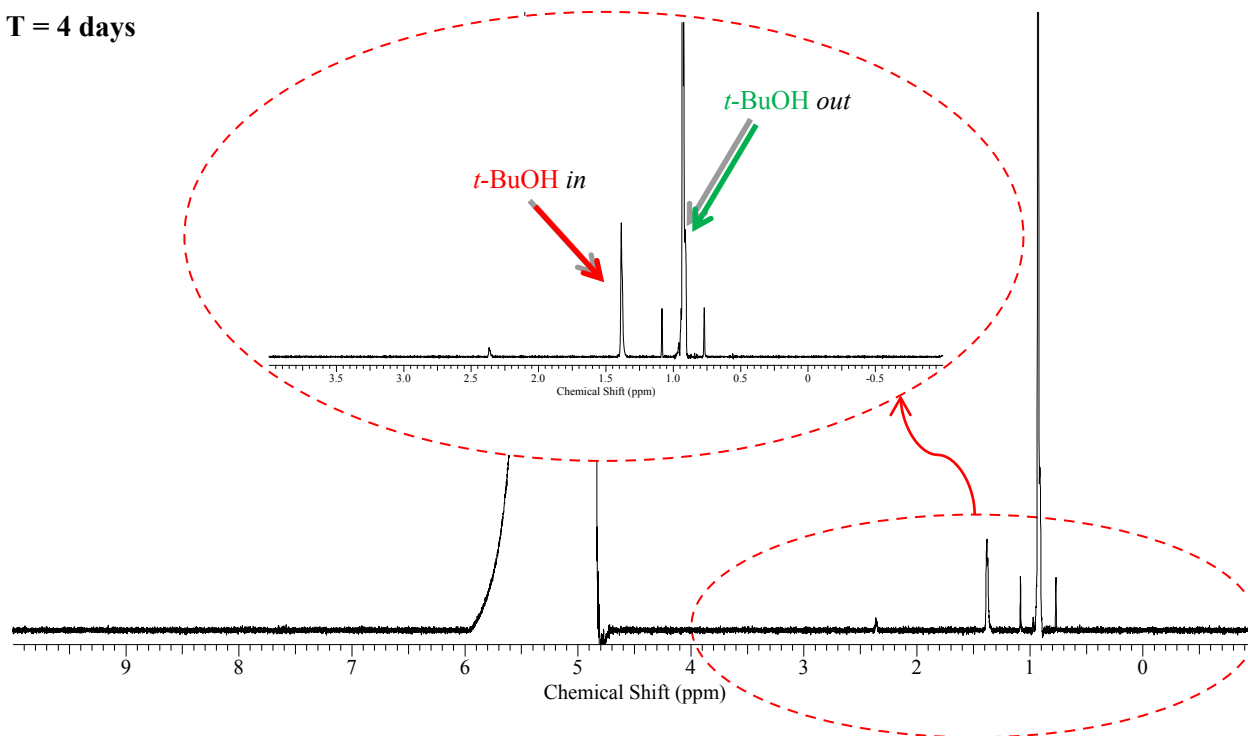


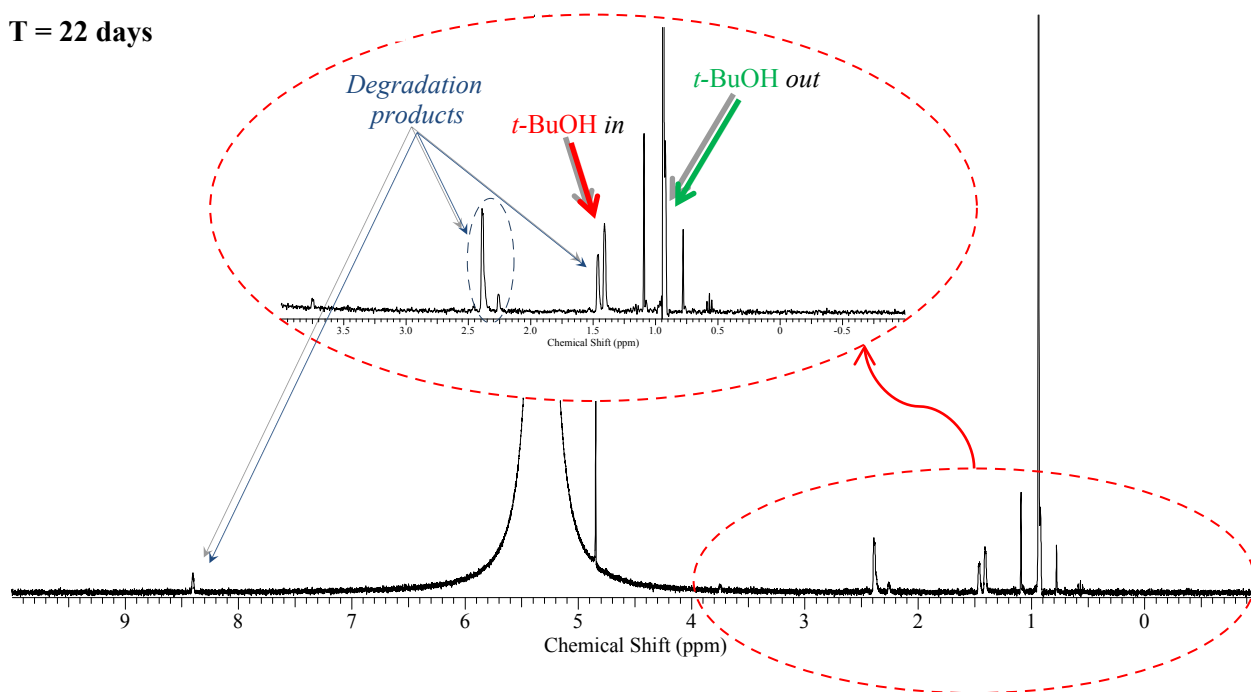
Supplementary information

Figures below show ^1H NMR spectra evolution over time: 4, 22 and 37 days after sample 2 purification. Signals of t -BuOH (at about 0.1mol.L^{-1}) from the working (*in*) and reference (*out*) solutions are spotted in red and green arrows respectively. Some of the degradation products have peak (not assigned) intensities that appear as large as the t -BuOH remaining one, within 20 days.

T = 4 days



T = 22 days



T = 37 days

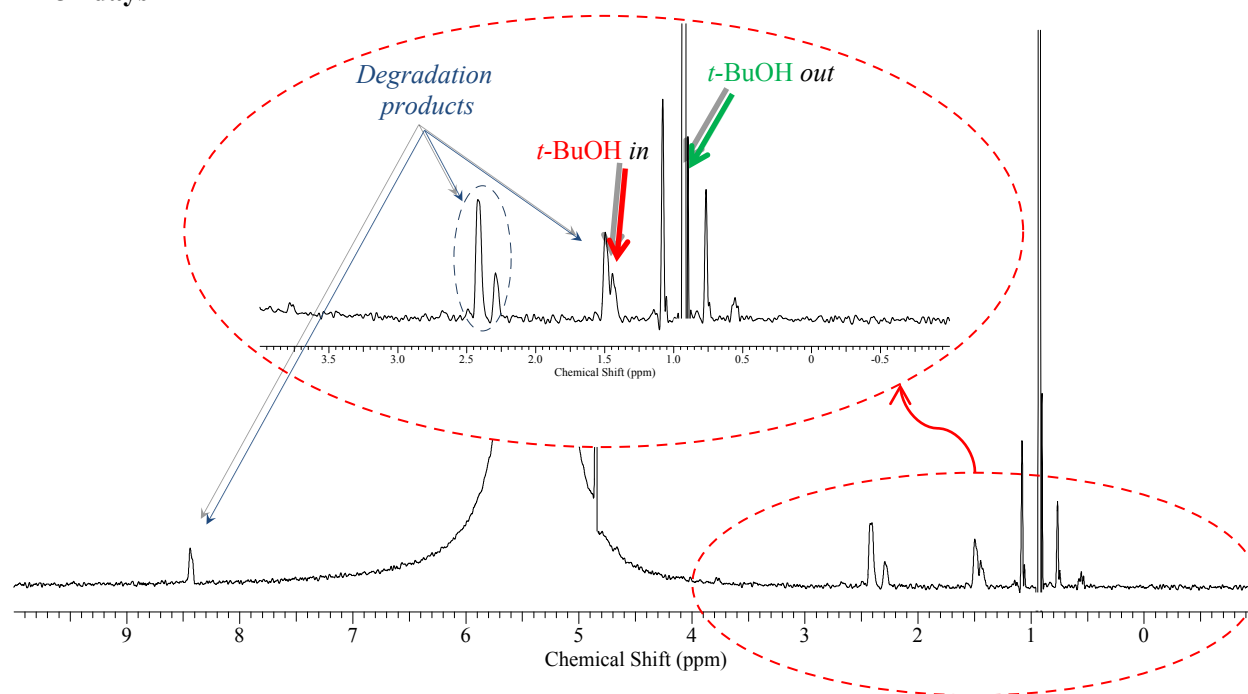


Figure below shows *t*-BuOH degradation over time from ^1H signals integration.

