Joint group meeting problems September 19th 2013

By Pouyan Haghshenas

A: Please propose a plausible catalytic cycle for the following transformation:

(The nature of X group does not significantly influence the reaction outcome)

B: Please propose a plausible mechanism for the following transformation:

$$R_1 = Me, R_2 = H, R_3 = Me/H$$

 $R_4 = H/Me, n = 1, X = Cl$