

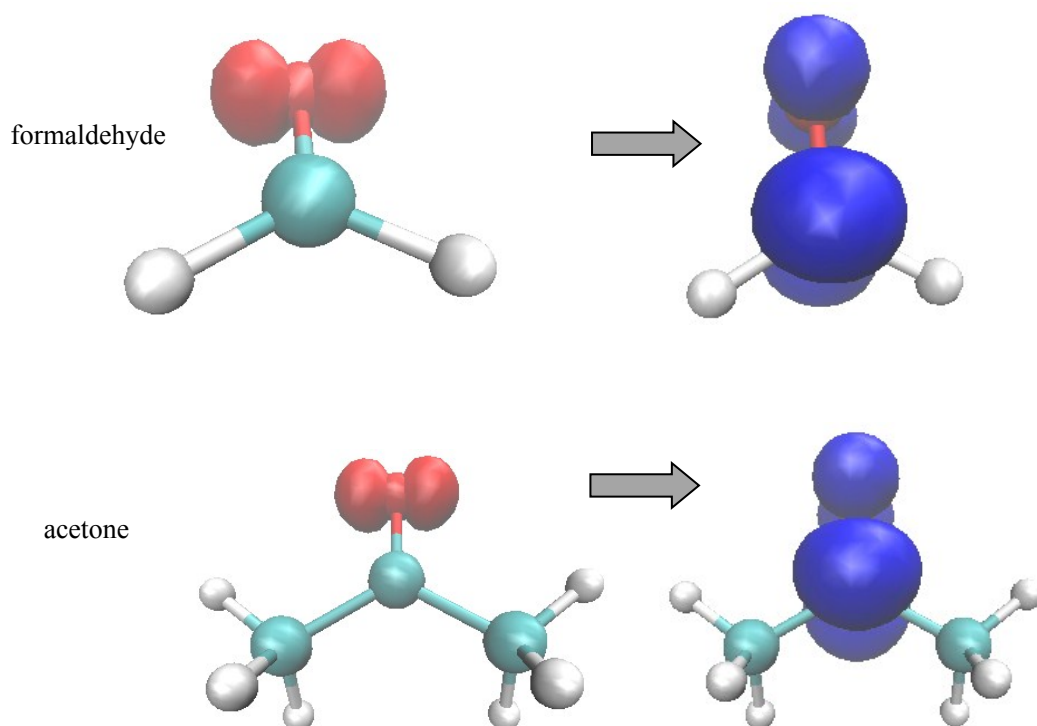
Supporting Information

Solvent effects for vertical absorption and emission processes in solution using a self-consistent state specific method based on constrained equilibrium thermodynamics

Ting-Jun Bi^a, Long-Kun Xu^a, Fan Wang^{*b} and Xiang-Yuan Li^{*a}

^aCollege of Chemical Engineering, Sichuan University, Chengdu 610065, China. E-mail:
xyli@scu.edu.cn

^bInstitute of Atomic and Molecular Physics, Sichuan University, Chengdu 610065, China. E-mail:
wangf@scu.edu.cn



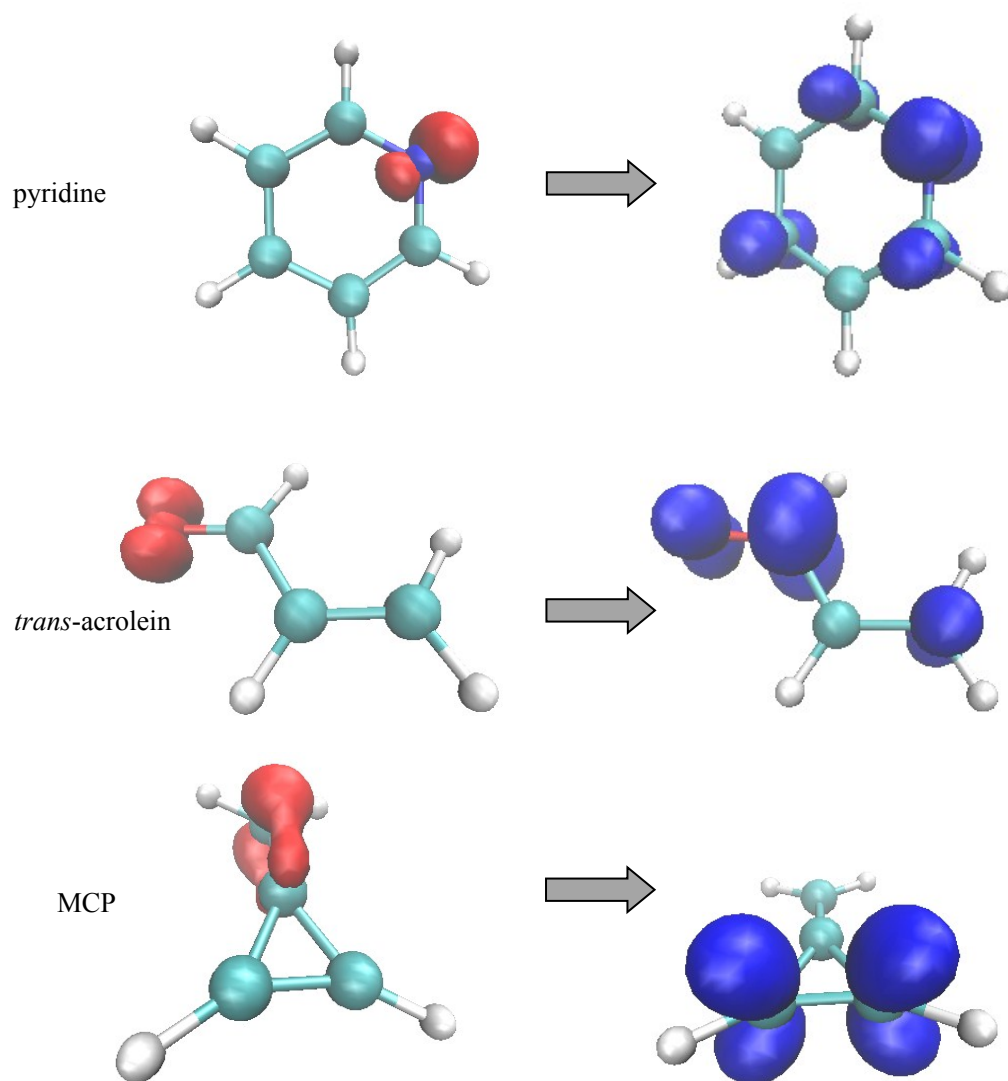


Figure S1: electron detachment (red) and attachment (blue) density plots for formaldehyde, acetone, pyridine, *trans*-acrolein and MCP calculated at ground state equilibrium geometry in water.