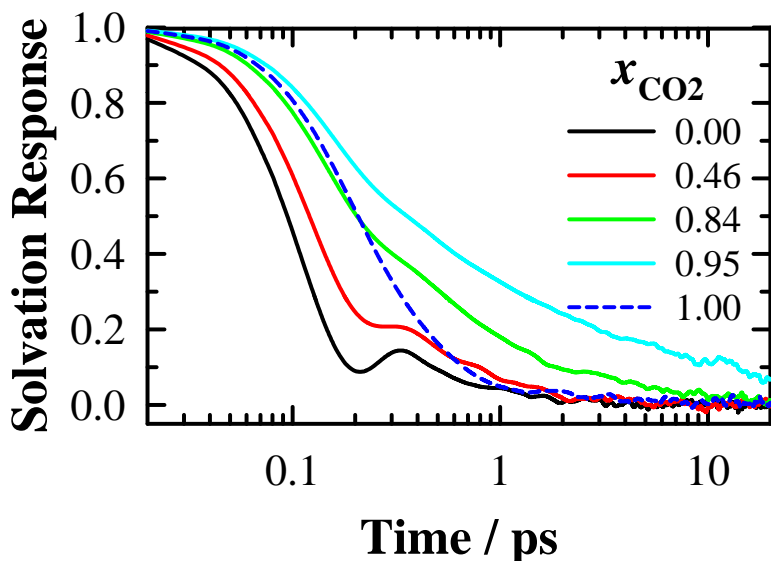
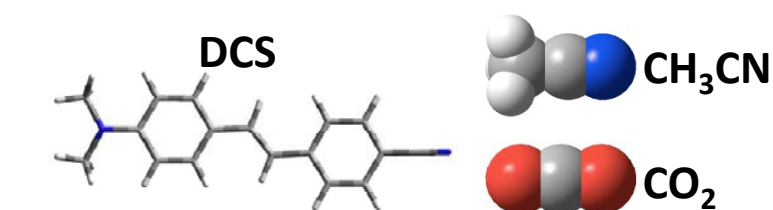
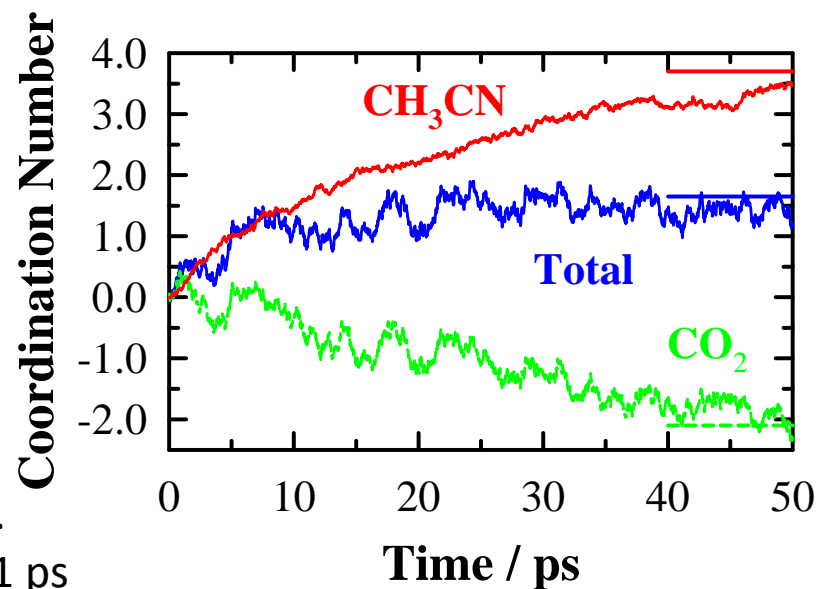
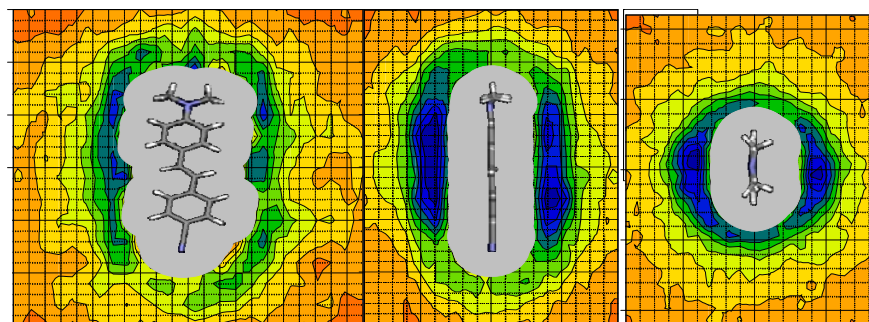


Preferential Solvation Dynamics in GXs



CH₃CN Atoms – Enrichment Factors



- Solvation dynamics in CH₃CN+CO₂ is biphasic.
- Reorientation of more polar component: $t < 1$ ps
- Solvent sorting between CH₃CN and CO₂ in 1st solvation shell: $1 \text{ ps} < t < 10\text{'s ps}$
- Qualitatively similar to solvation in conventional mixtures, but faster due to increased fluidity of GXs.