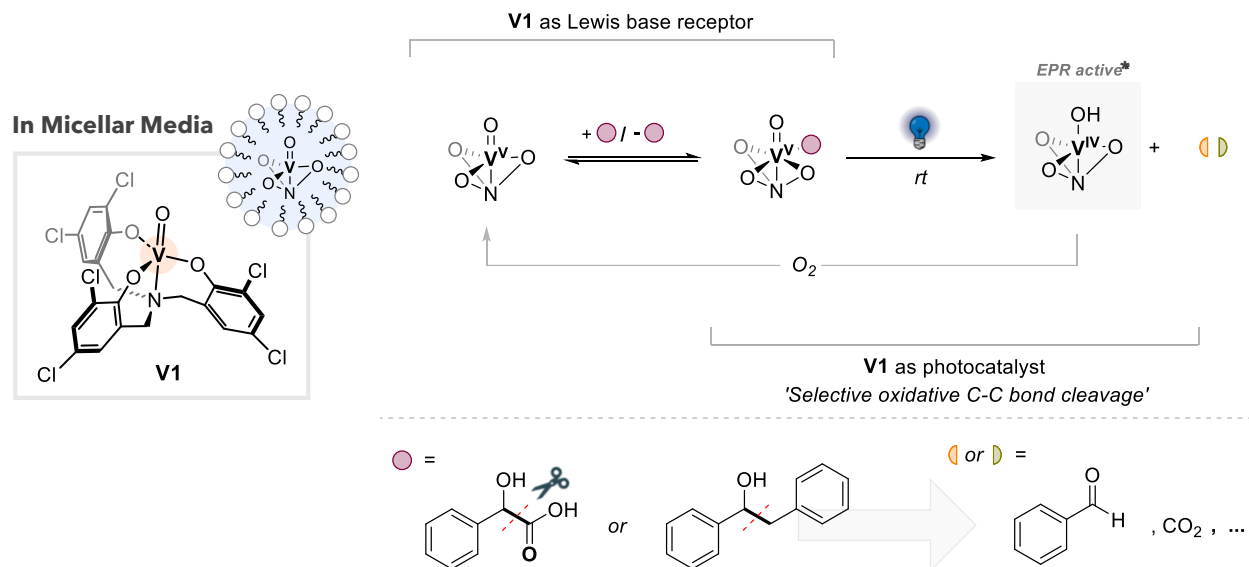
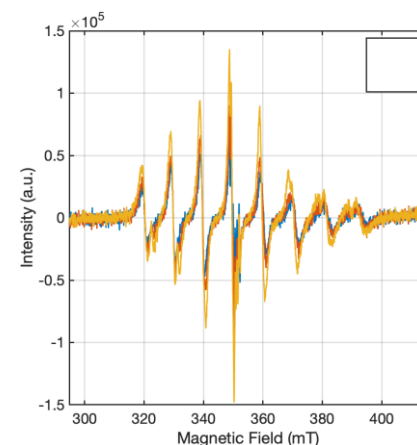




* V(IV) EPR active



In collaboration with Prof. Sabine Van Doorslaer and Dr. Samara Lourdes Medina Rivero (UA)

This STSM advanced the understanding of **V1** as a light-responsive Lewis-base receptor, linking receptor-substrate (●) recognition, LMCT activation and selective C-C bond cleavage in confined micellar media.

Complementary EPR studies provided key mechanistic insight by enabling the detection of V(IV) species and radical intermediates involved in the photocatalytic process.