Supporting Information

Membrane-Supported Layered Coordination Polymer as an Advanced Sustainable Catalyst for Desulfurization

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Membrane Characterization

Figure S1. Picture of a (*left*) PMMA membrane and of the (*right*) UAV-59@PMMA composite membrane.

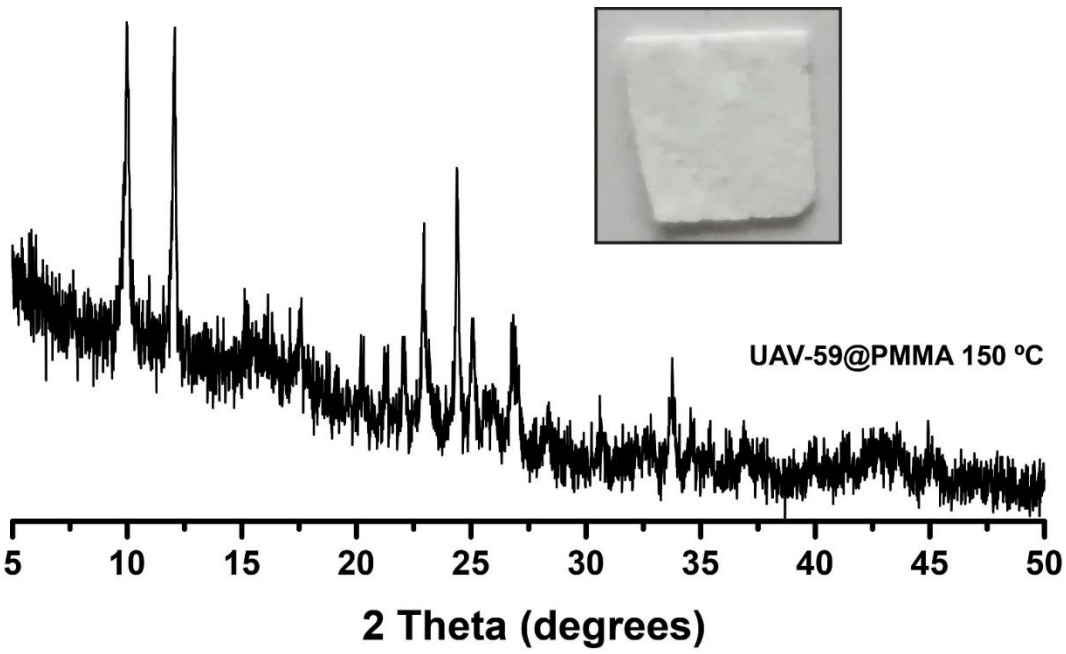

Figure S2. Powder X-ray diffraction patterns of the UAV-59@PMMA membrane after 24 h at 150 °C with the corresponding membrane picture on the top.

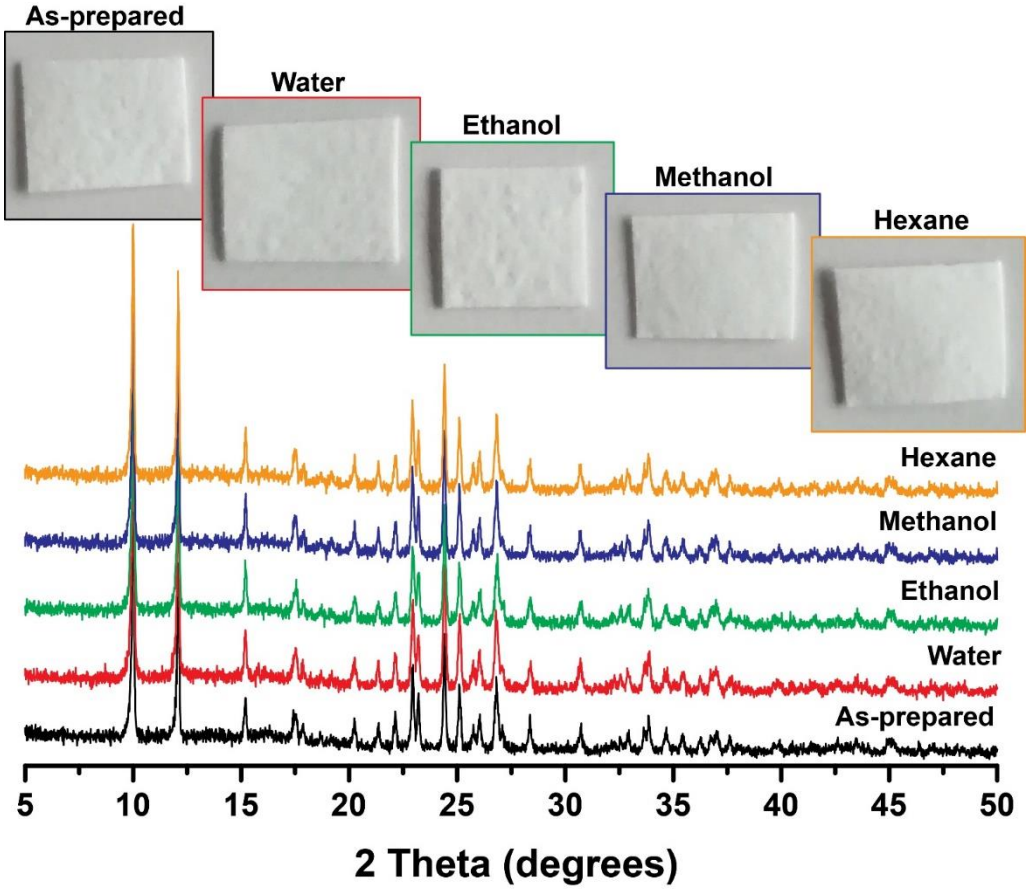

Figure S3. Powder X-ray diffraction patterns of the UAV-59@PMMA membranes (membrane pictures on the top) after 24 h immersed in different solvents.

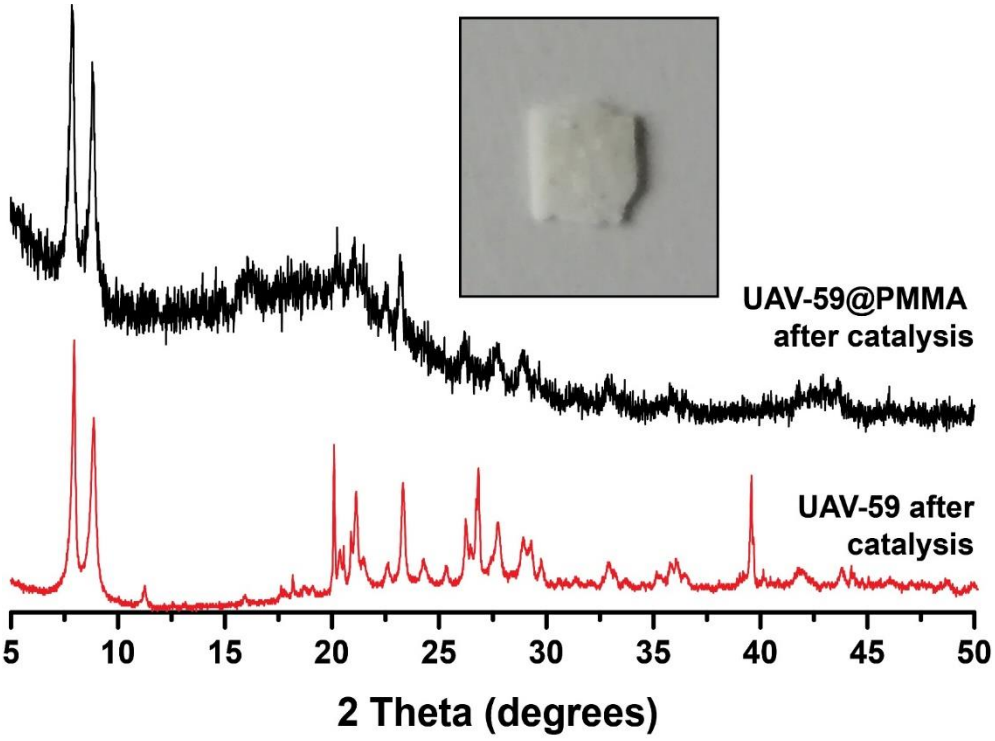

Figure S4. Comparison between powder X-ray diffraction patterns of the UAV-59 material in powdered form (**red**) and of the UAV-59@PMMA membrane (**black**) after catalysis. The inset picture pertains to the UAV-59@PMMA membrane after catalysis.