

Supplementary materials

Microwave-assisted aldol condensation of furfural and acetone over Mg-Al hydrotalcite-based catalysts

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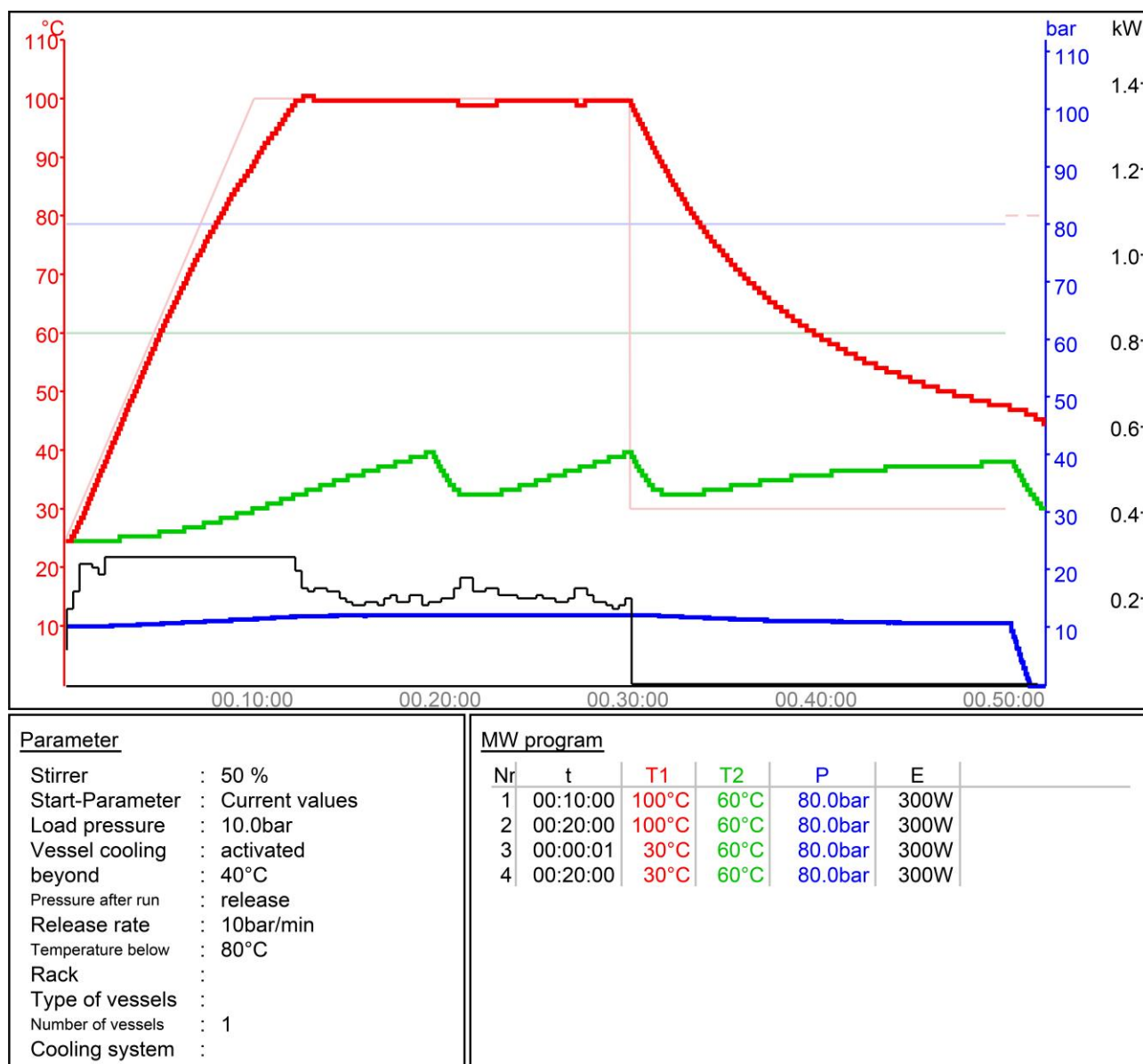


Figure S1. Parameter profiles in a typical microwave experiment: set (thin red) and real (thick red) bath temperature; maximum (thin green) and real (thick green) temperature of the outer stainless steel vessel (regulated by the chiller); maximum (thin blue) and real (thick blue) pressure of the reaction chamber; microwave irradiation power (black).

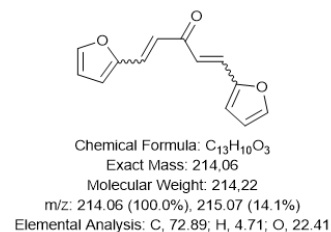
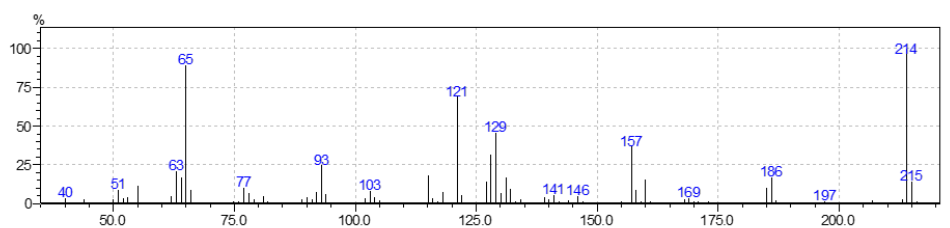
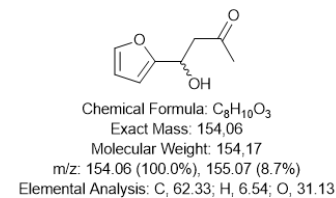
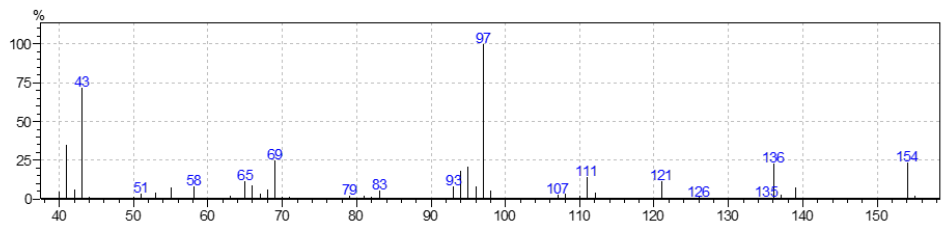
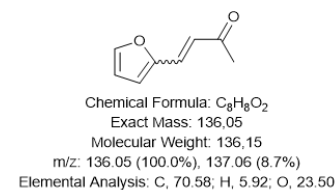
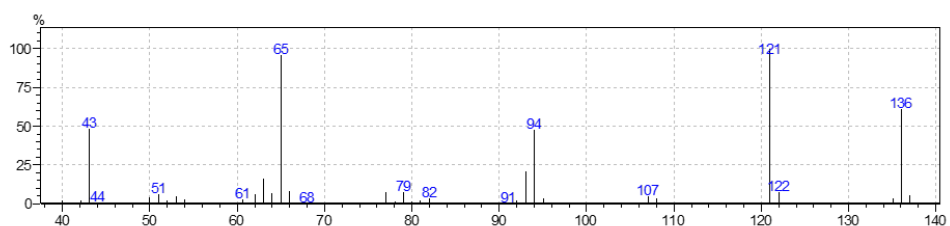
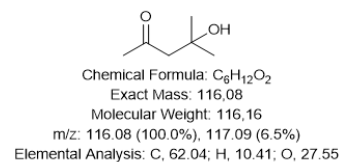
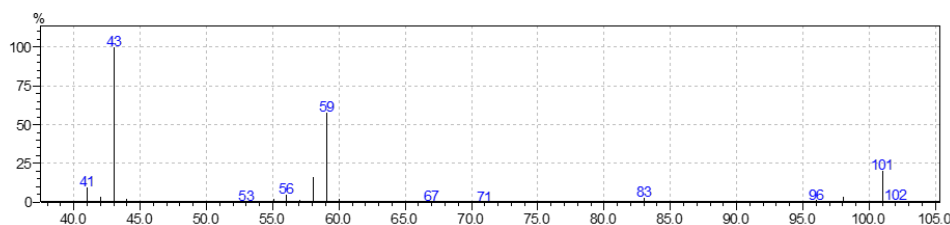
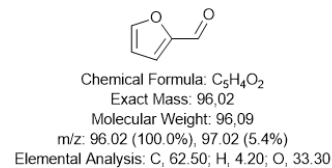
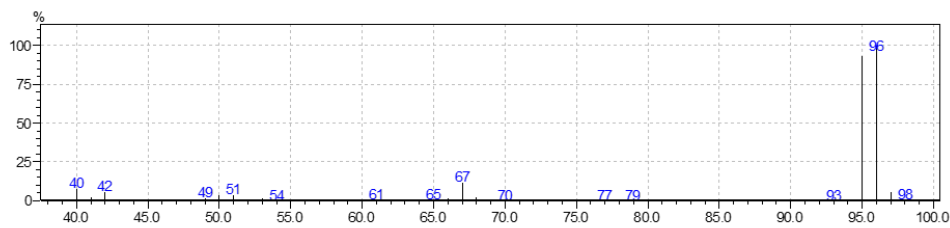


Figure S2. Mass spectra of the various chemical species detected in the final reaction mixtures by GC-MS.