

An Evaluation of Glycerol Acetalization with Benzaldehyde over a Ferromagnetic Heteropolyacid Catalyst

Rami Doukeh¹, Maria Răpă², Ecaterina Matei², Doina Prodan³, Romuald György⁴, Ancuta Trifoi^{2*}, Ionut Banu^{4*}

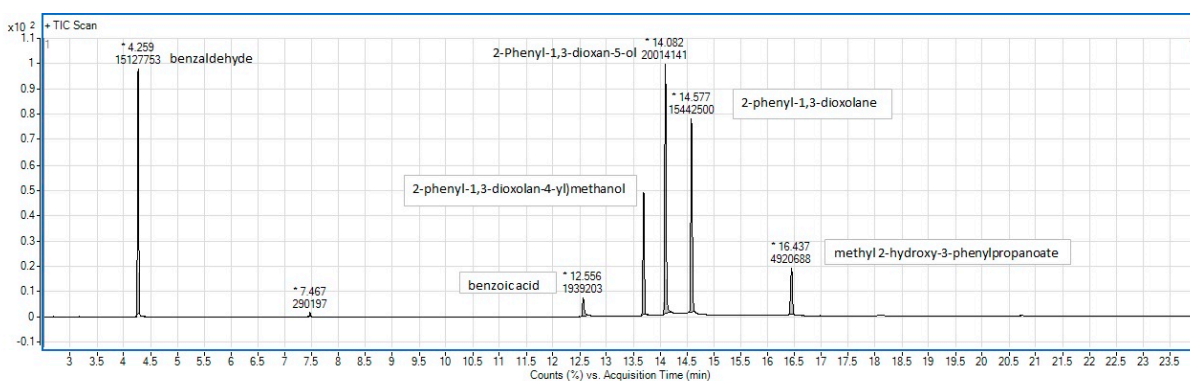


Figure S1. The GC-MS spectrum of a typical reaction mixture.

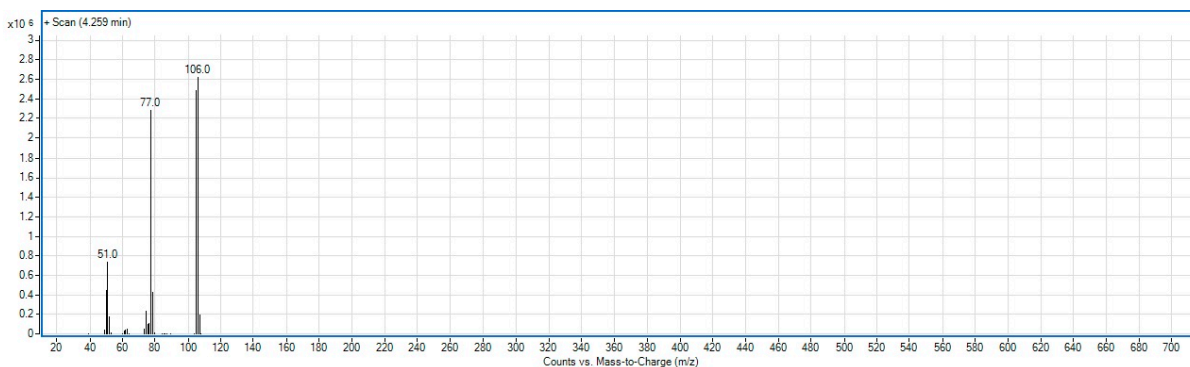


Figure S2. The GC-MS signals of benzaldehyde.

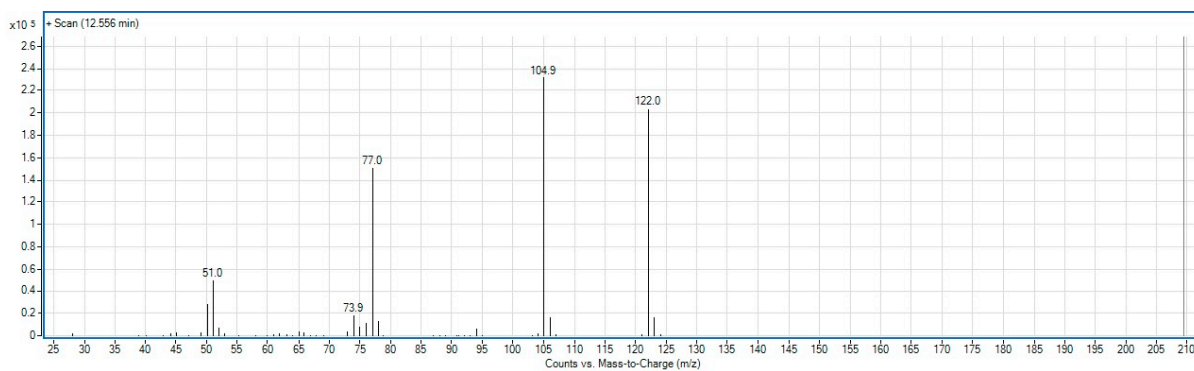


Figure S3. The GC-MS signals of benzoic acid.

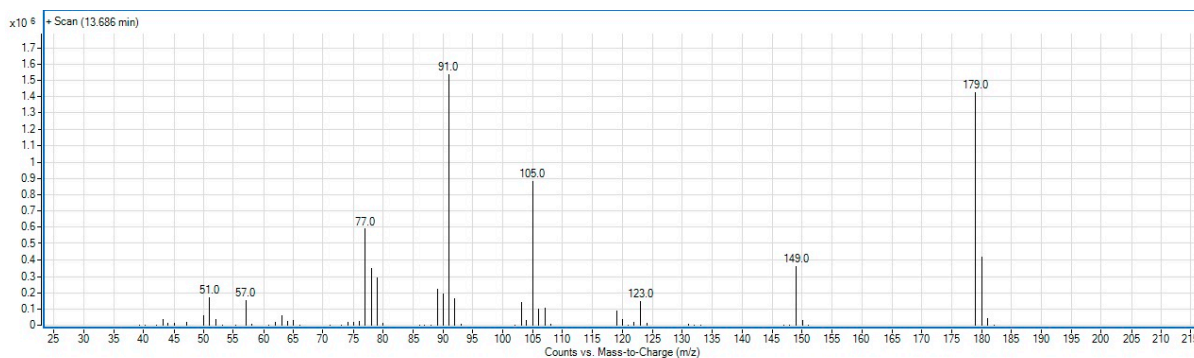


Figure S4. The GC-MS signals of 2-phenyl-1,3-dioxolan-4-yl) methanol.

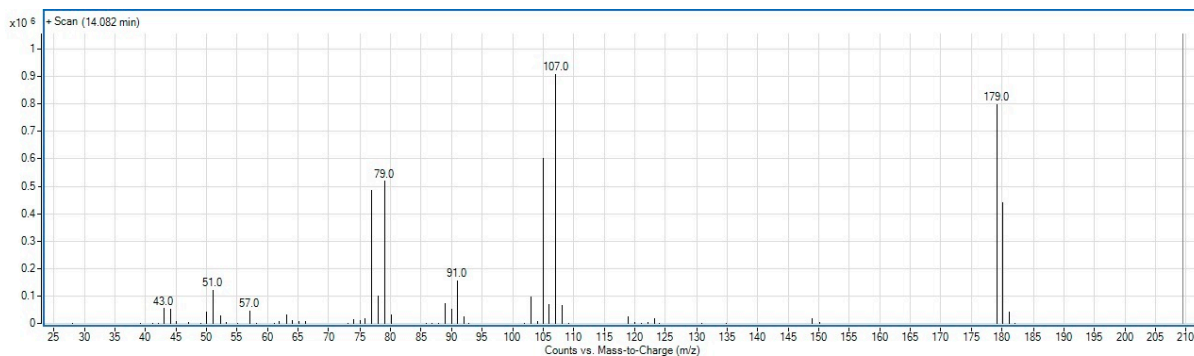


Figure S5. The GC-MS signals of 2-Phenyl-1,3-dioxan-5-ol.

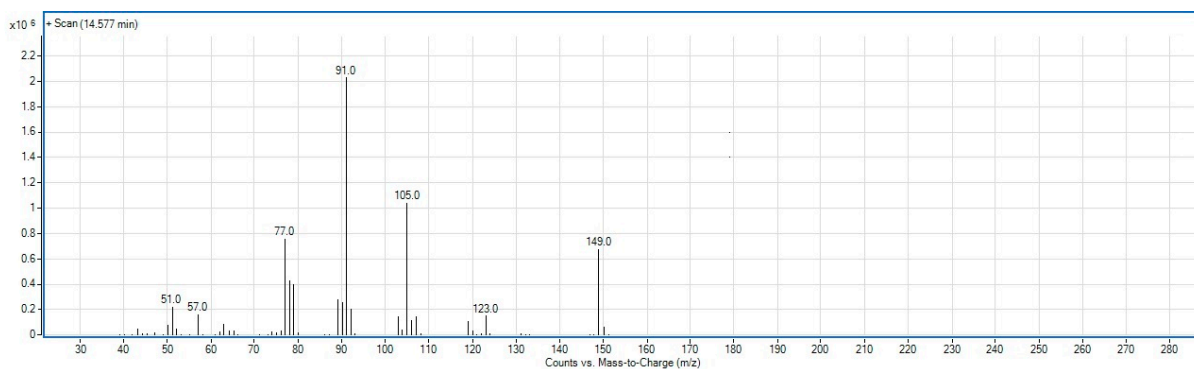


Figure S6. The GC-MS signals of 2-phenyl-1,3-dioxolane.

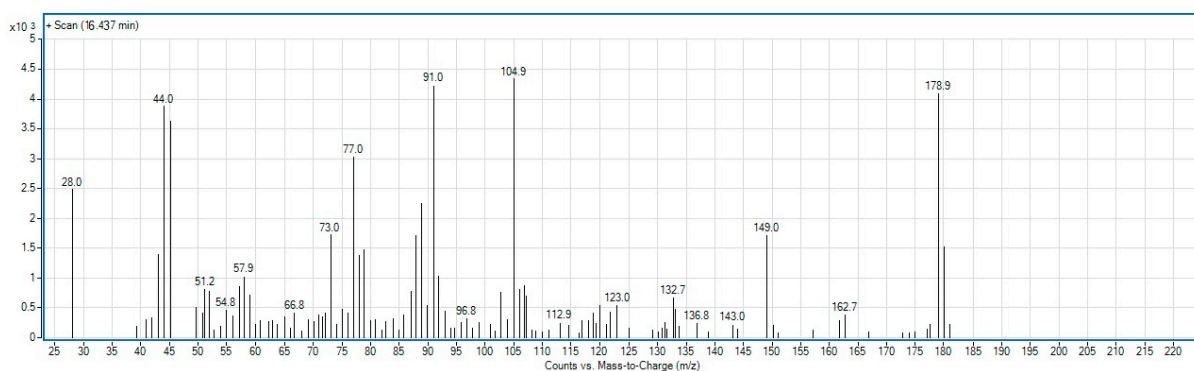


Figure S7. The GC-MS signals of methyl 2-hydroxy-3-phenylpropanoate.