Electronic Supplementary Information

MnAPO-5 as an efficient heterogeneous catalyst for selective liquid phase partial oxidation reactions

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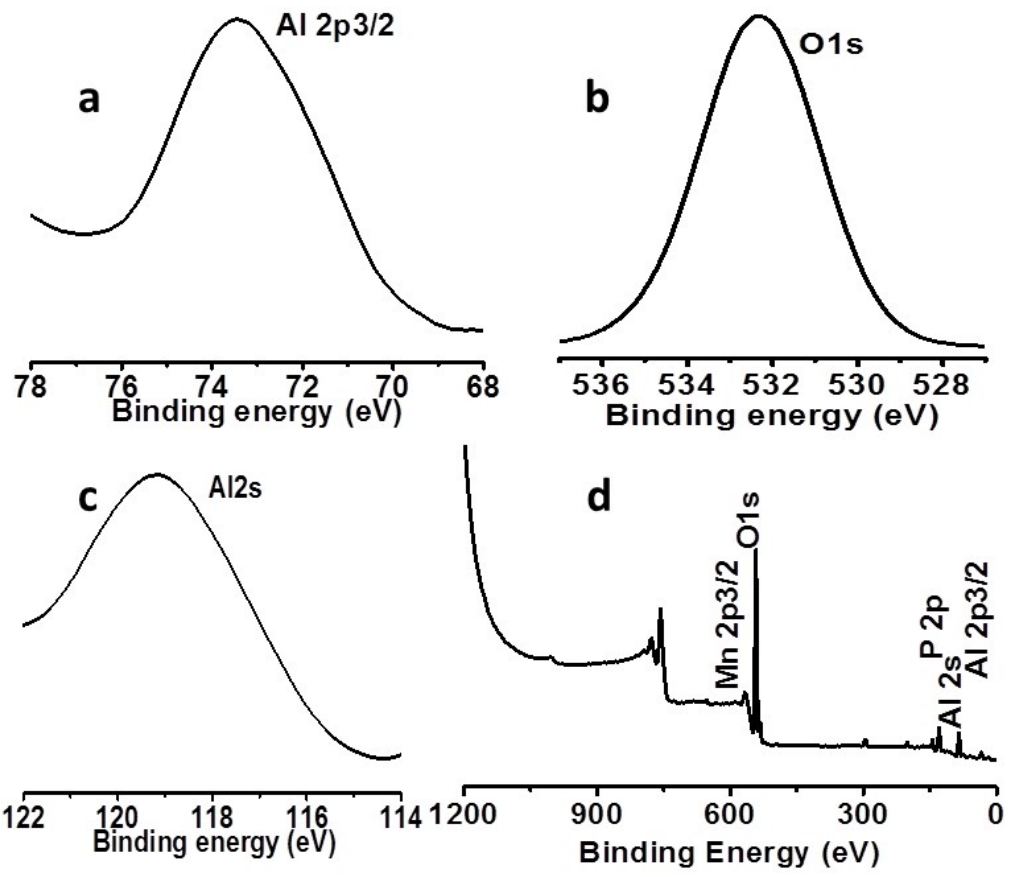

Figure S1: Short range XPS spectra for a)Al2p3/2, b)O1s, c) Al2s and d)Full range XPS survey spectra of MnAPO-5.

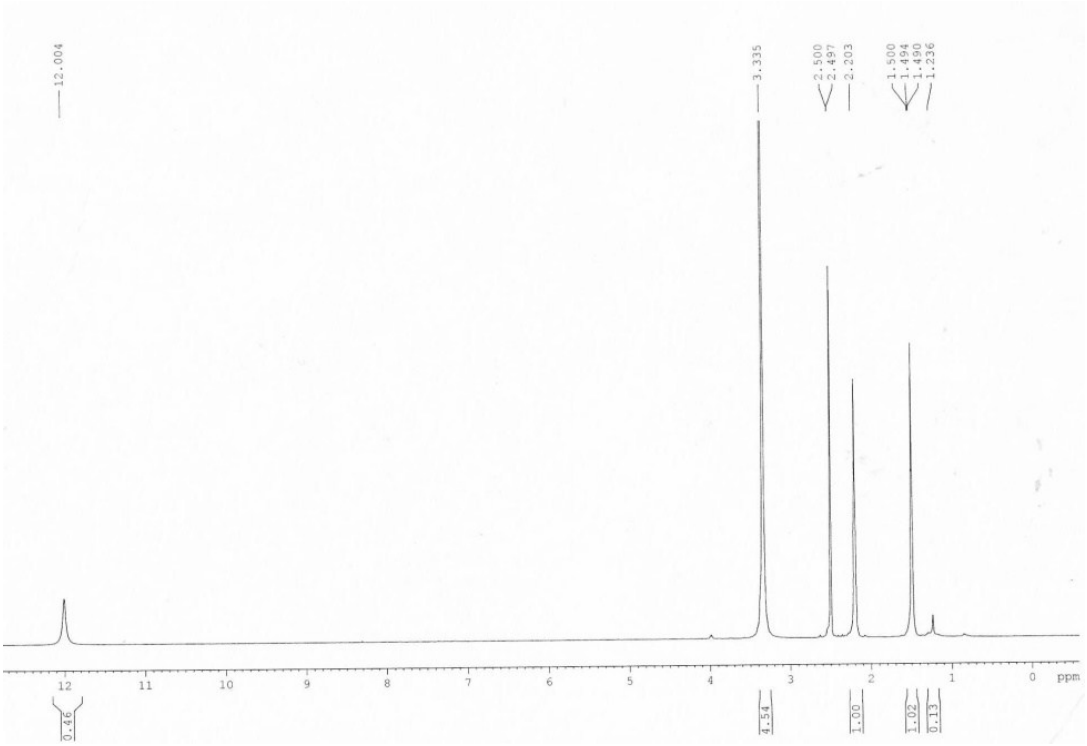

Figure S2: ^{1}H NMR of adipic acid obtained from the liquid phase catalytic oxidation cyclohexanone over MnAPO-5.

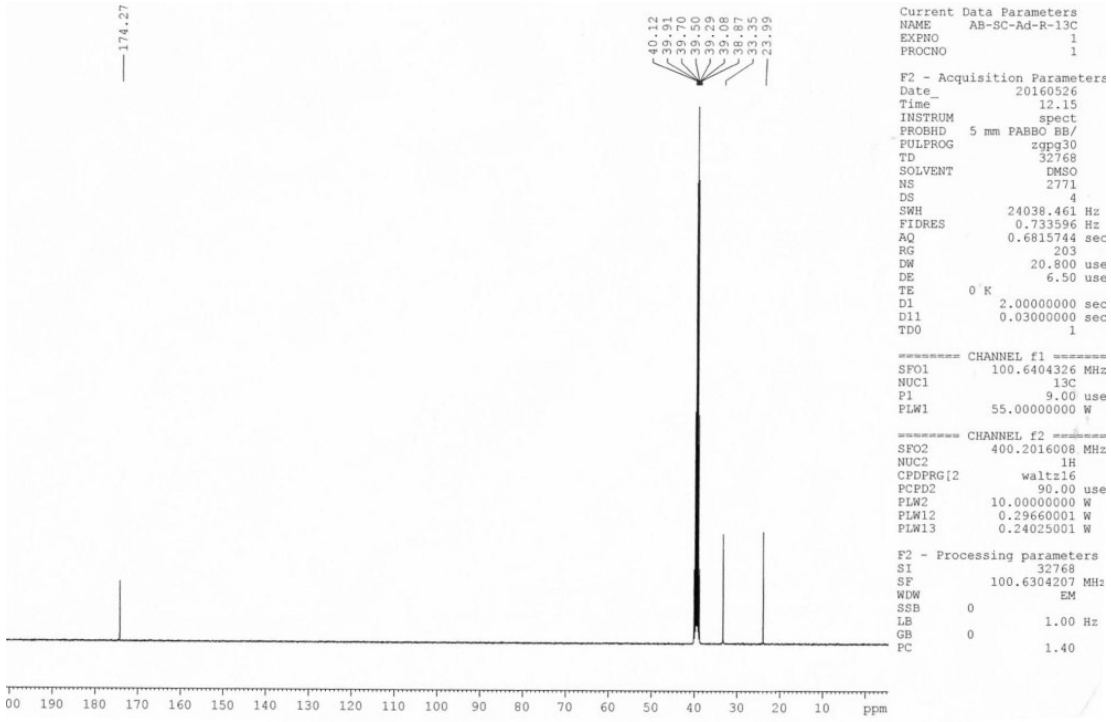

Figure S3: ^{13}C MNR of adipic acid obtained from the liquid phase catalytic oxidation cyclohexanone over MnAPO-5.

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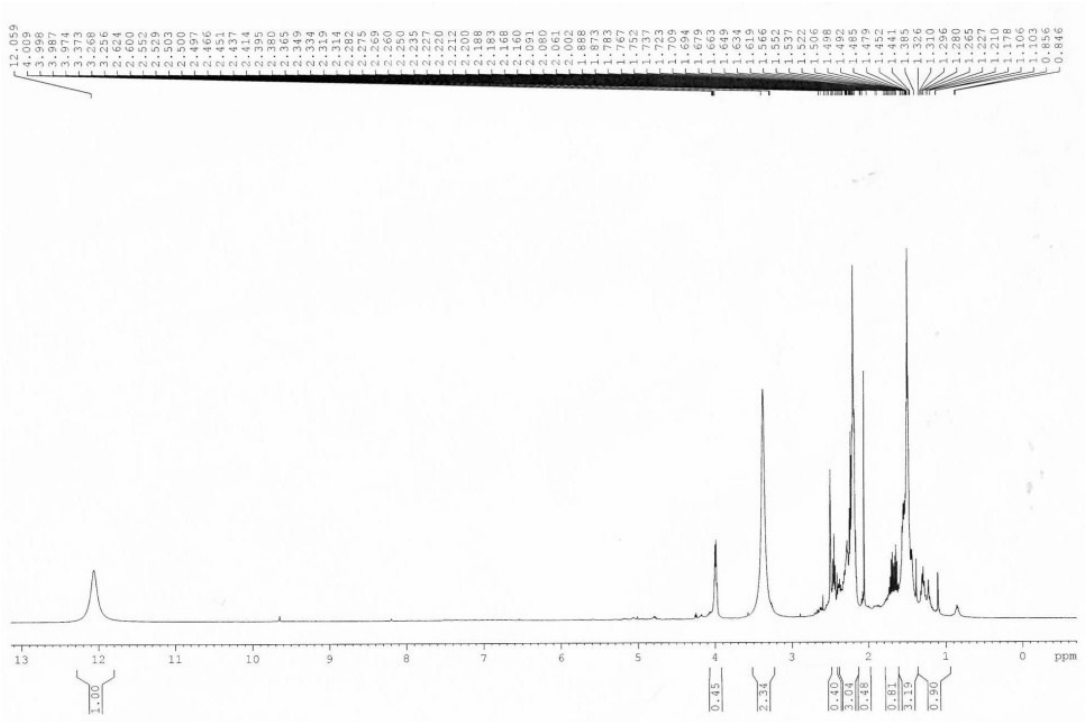

Figure S4: ^{1}H NMR of the crude reaction mixture after liquid phase catalytic oxidation of cyclohexanone over MnAPO-5.

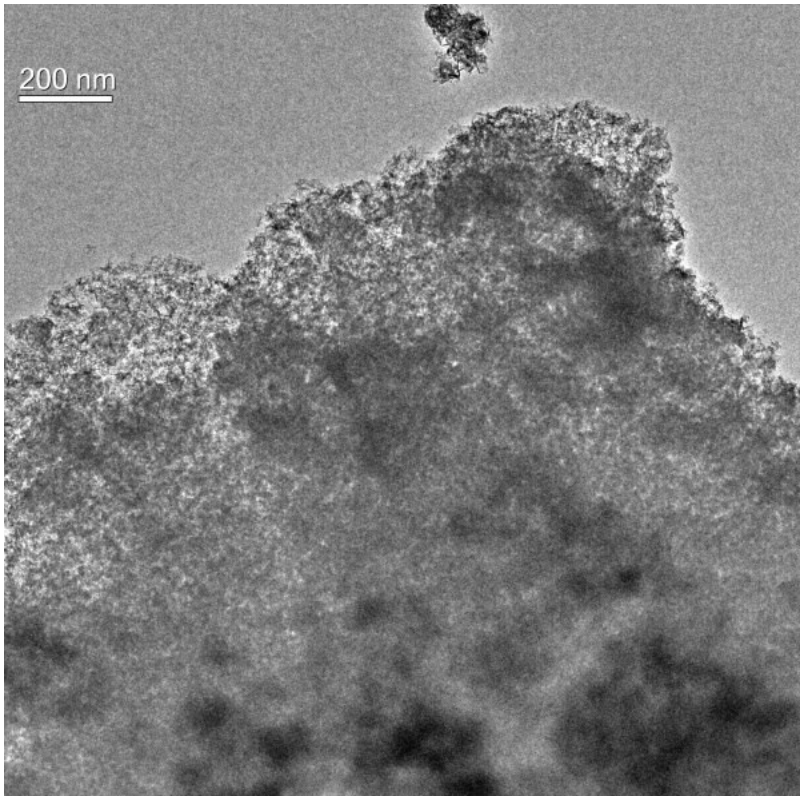

Figure S5: UHR-TEM image of the recovered MnAPO-5 material after six consecutive reaction cycles in the selective catalytic oxidation of cyclohexanone.