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Zwitterionic copolymers bearing phosphonate or phosphonic motifs as novel metal-anchorable anti-fouling coatings

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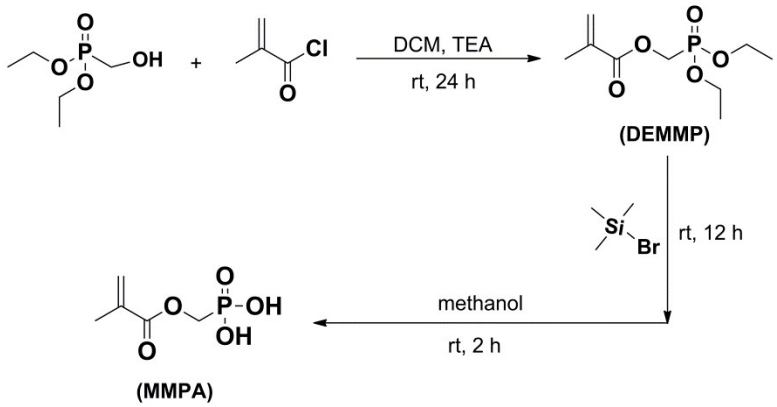

Fig. S1. Schematic illustration of the synthetic route of DEMMP and MMPA monomers

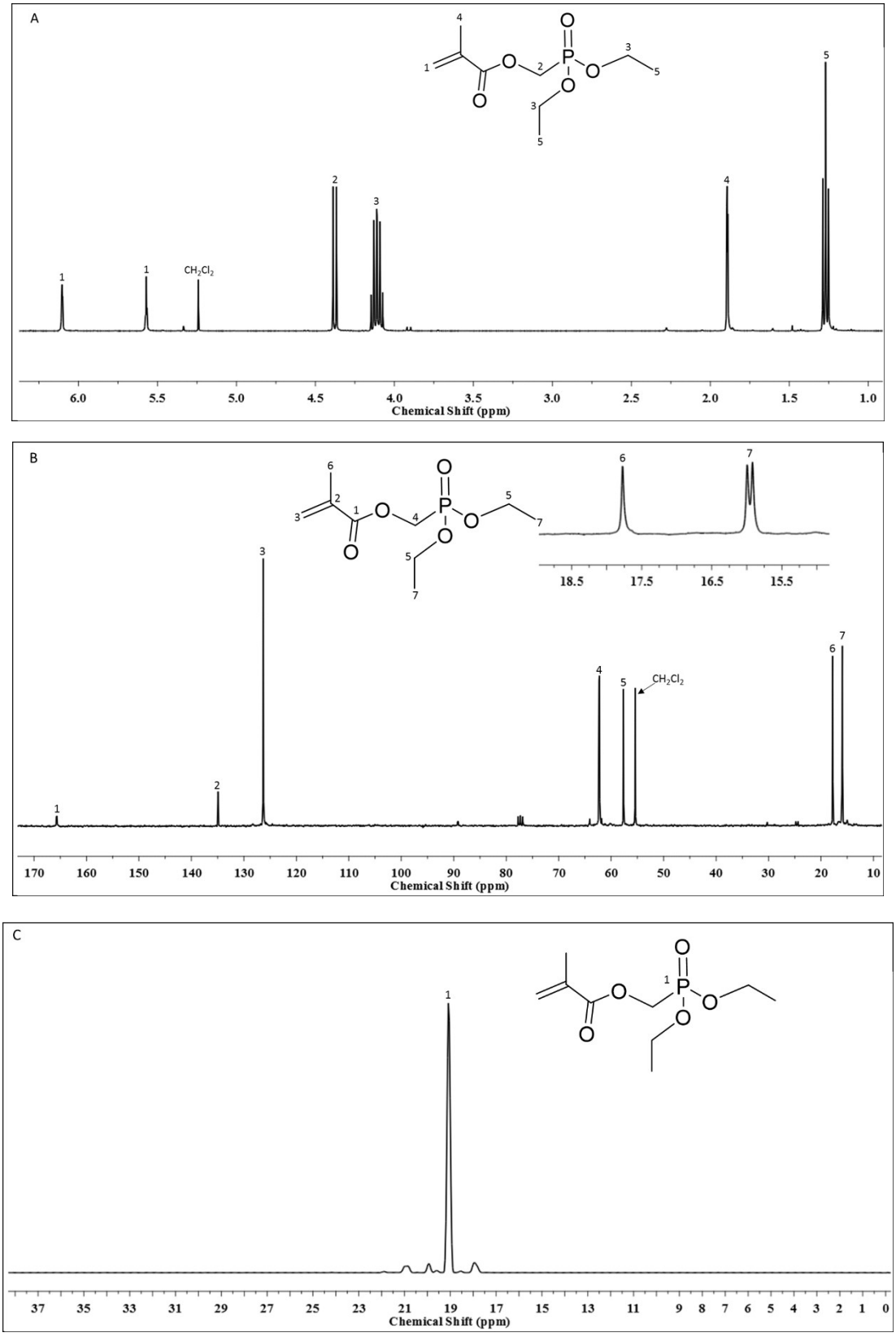

Fig. S2. ^{1}H NMR (A), ^{13}C NMR (B), ^{31}P NMR (C) spectra of DEMMP monomer, $CDCl_3$ as the solvent.

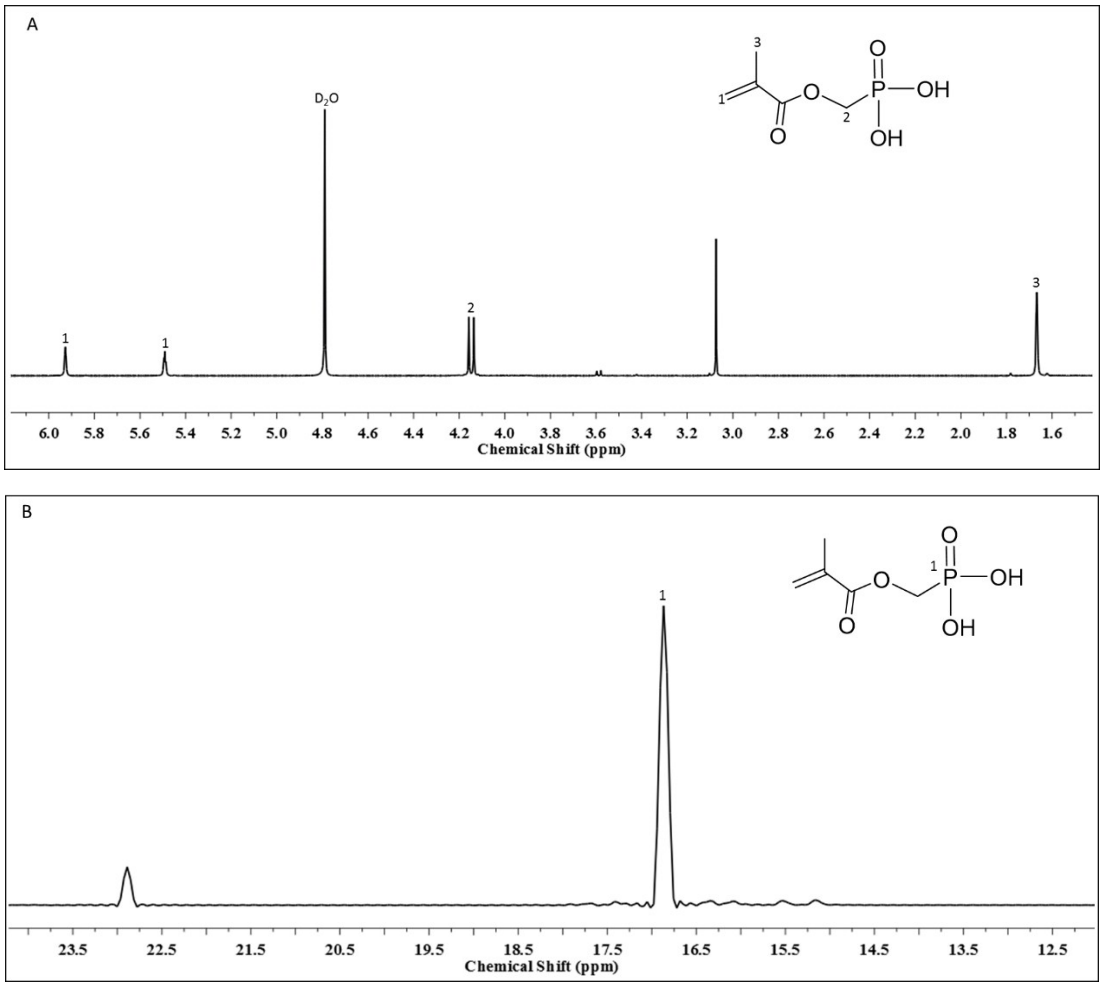

Fig. S3. ^{1}H NMR (A) and ^{31}P NMR (B) spectra of MMPA monomer, D_2O as the solvent.

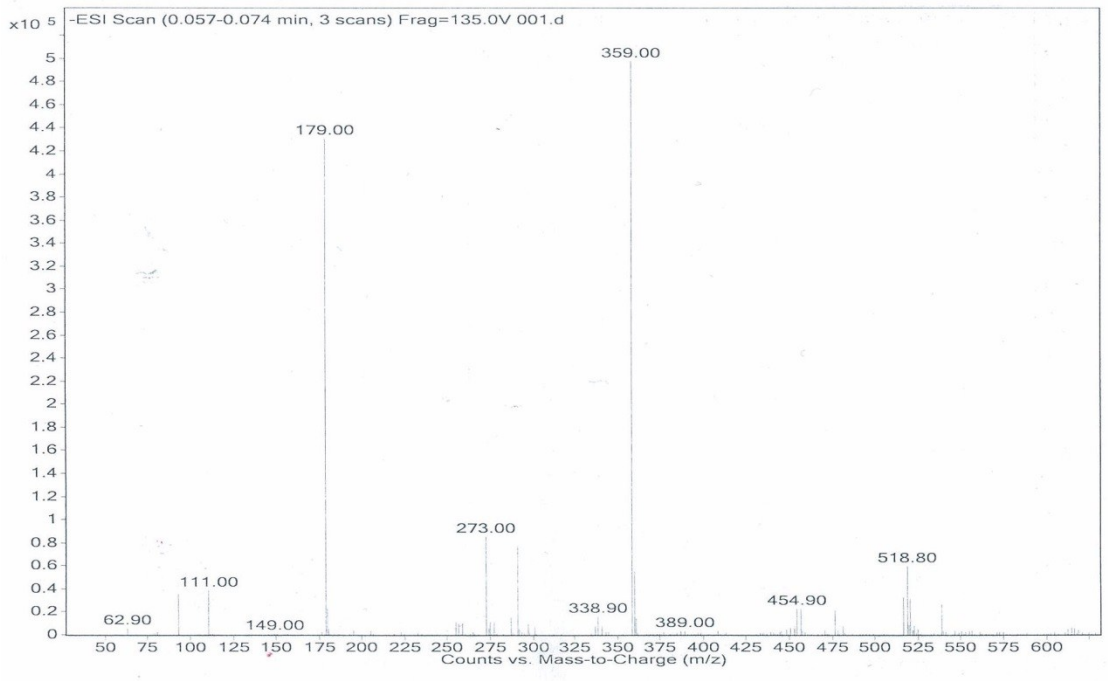

Fig. S4. MS spectrum of MMPA monomer