Supplementary information

Quaternized poly (styrene-co-vinylbenzyl chloride) anion exchange membranes: Role of different ammonium cations on structural, morphological, thermal and physio-chemical properties

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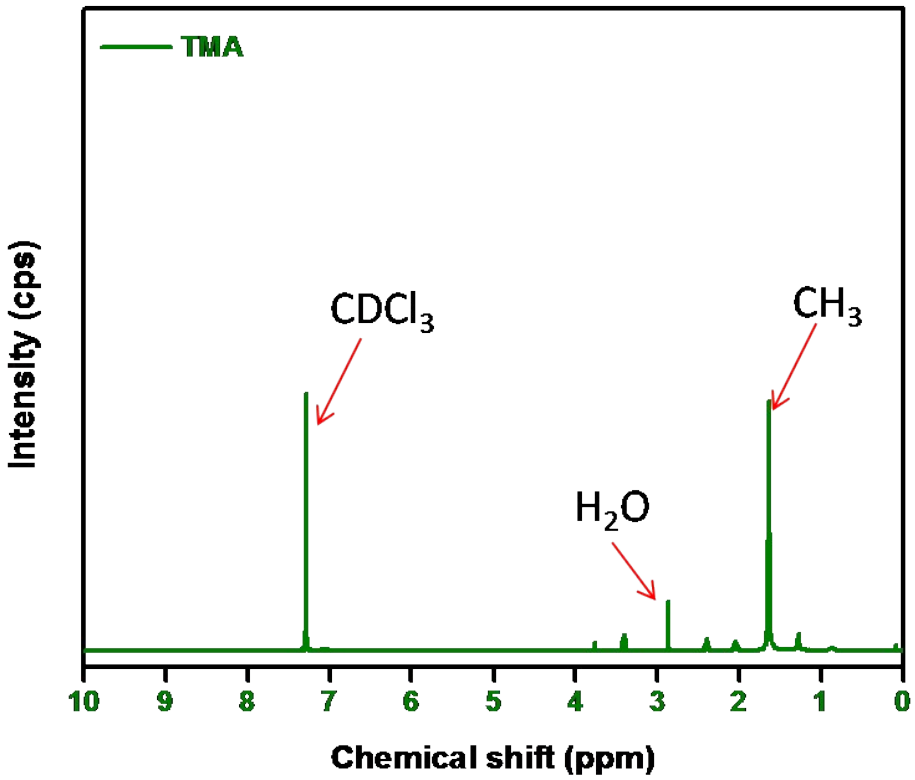
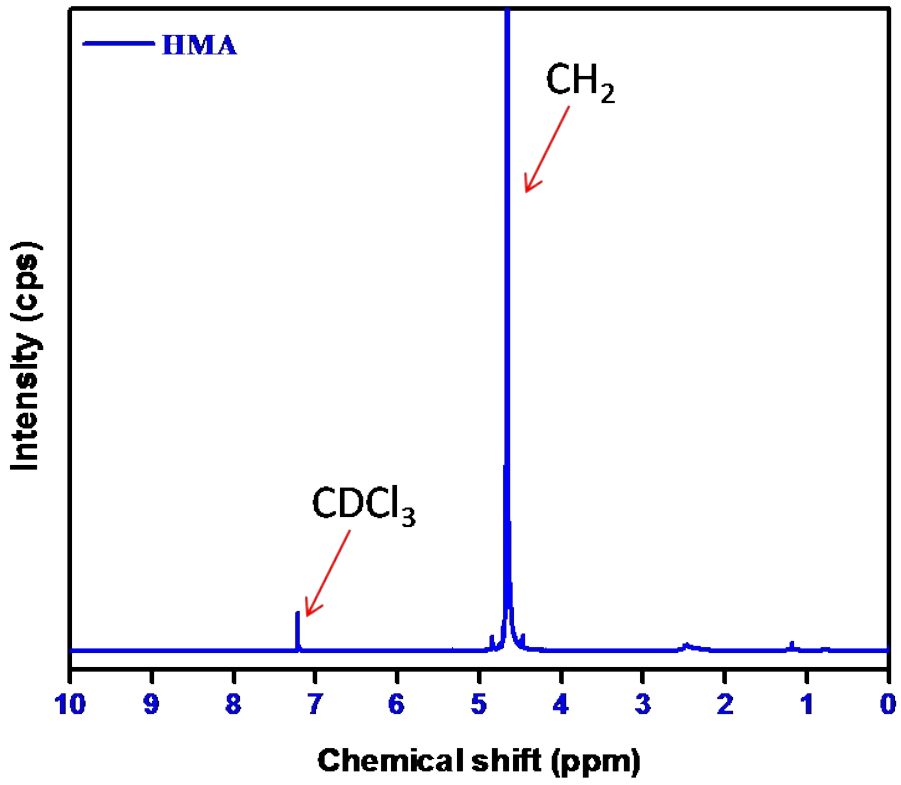
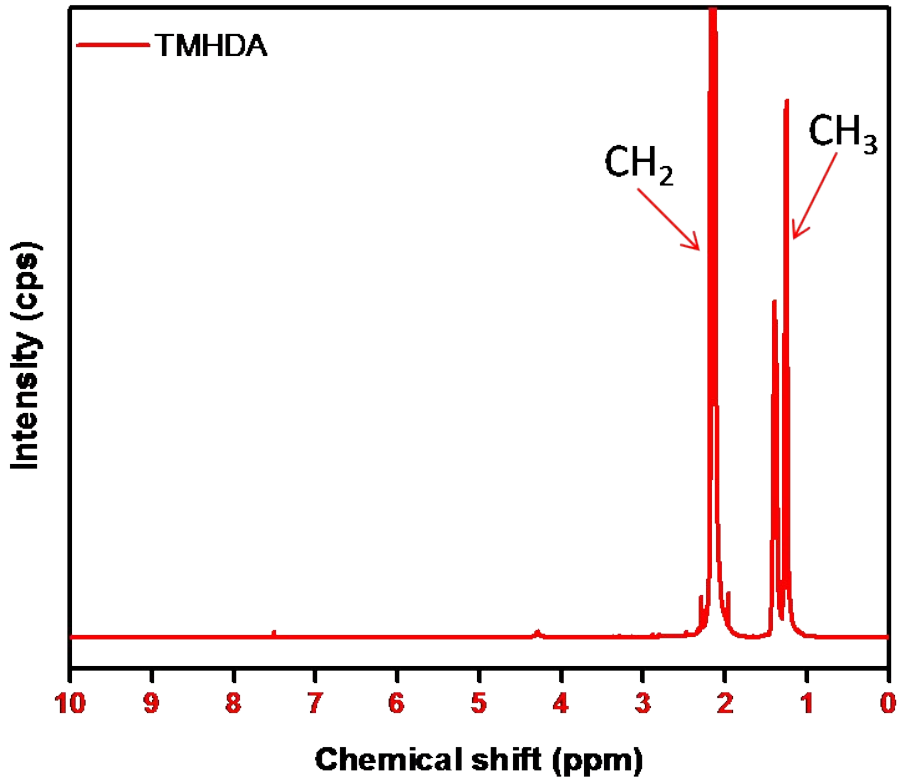


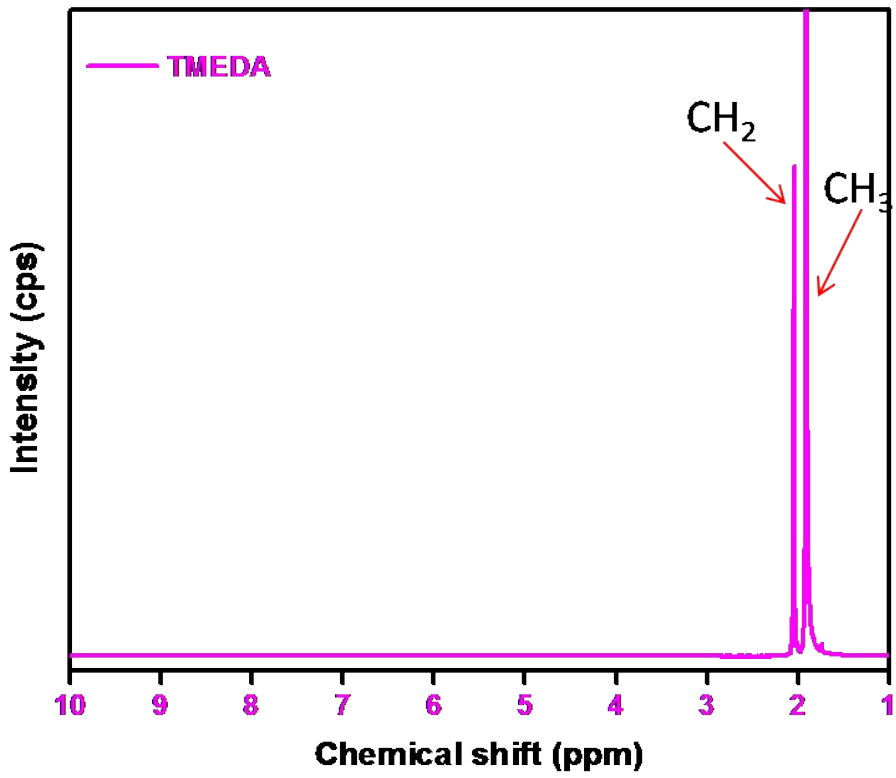
Supplementary Figure S1 ^{1}H-NMR spectrum of trimethyl amine (50 wt.% in water) in $CDCl_3$ solvent



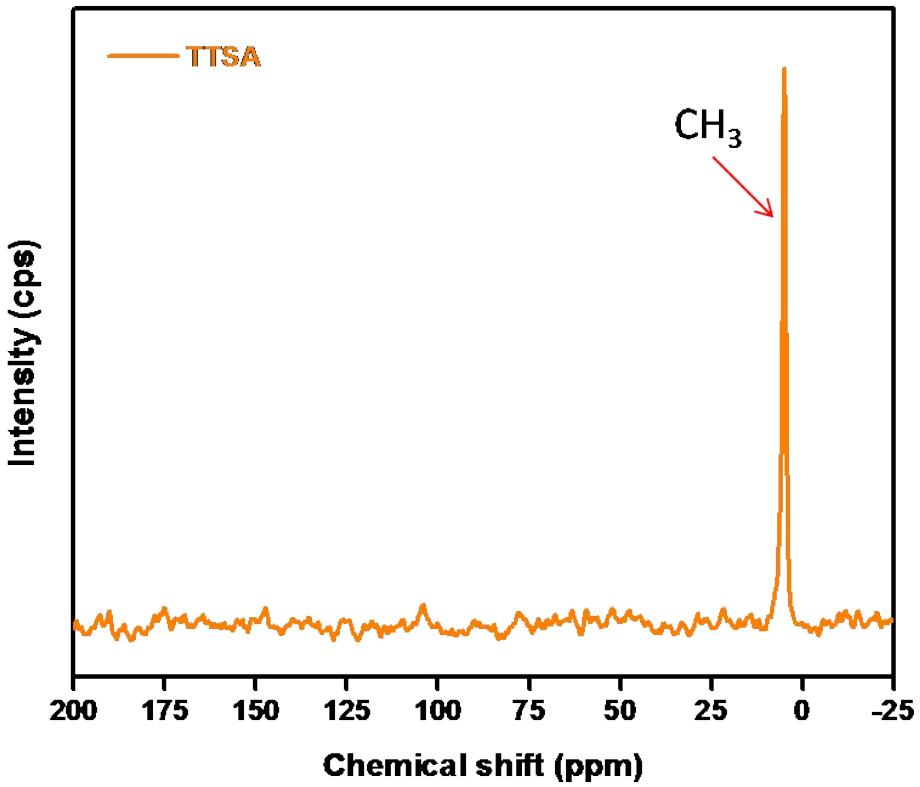
Supplementary Figure S2 ^{1}H-NMR spectrum of Hexamine in $CDCl_3$ solvent



Supplementary Figure S3 ^{1}H-NMR spectrum of N, N, N', N'- tetramethyl hexanediamine



Supplementary Figure S4 ^{1}H-NMR spectrum of N, N, N', N'- tetramethyl ethylenediamine



Supplementary Figure S5 ^{13}C-NMR spectrum of tris(trimethyl silyl) amine in DMSO solvent

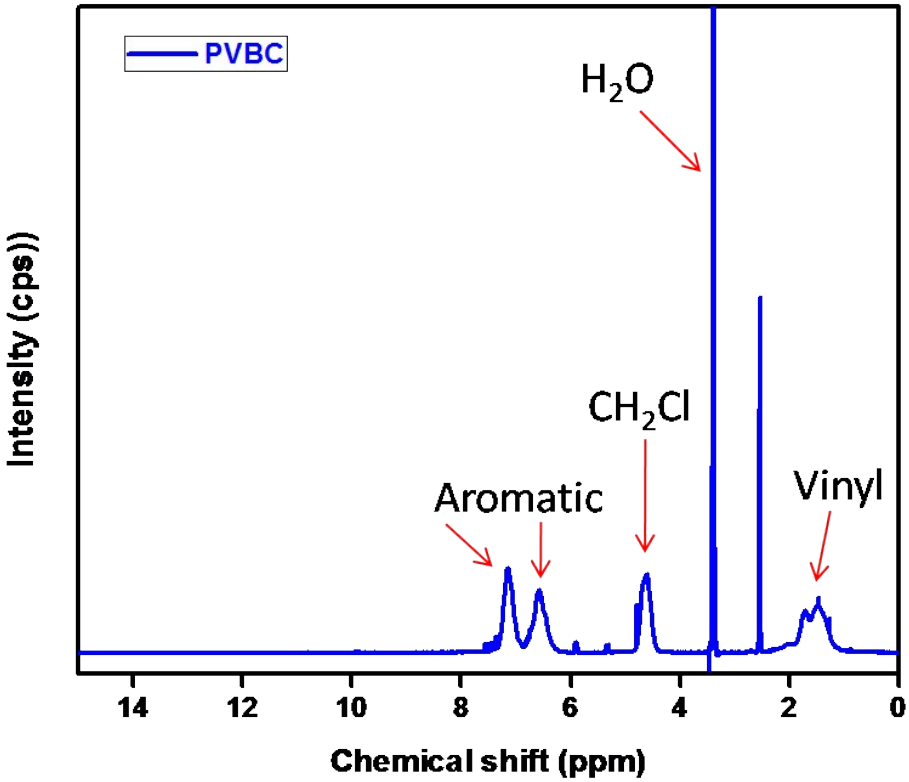


Figure S6 ^{1}H-NMR spectrum of poly (ST-co-VBC) polymer in D_2O solvent