Figure S1. DR spectra (solid line) of (a) fresh MV$^{2+}$/AS and (b) the MV$^{2+}$/AS recovered following stirring in $n$-tetradecane containing aromatic compound, and absorption spectra (dotted line) of (c) aromatic compound dissolved in $n$-tetradecane and (d) aromatic compound and MV$^{2+}$ dichloride dissolved in methanol. The respective aromatic compounds are (i) tetralin and (ii) naphthalene.
Figure S2. Difference spectra between DR spectra of compound adsorbed on MV$^{2+}$/AS and absorption spectra of compound dissolved in $n$-tetradecane or xylene. The respective compounds are (a) DBT, (b) tetralin, (c) naphthalene, (d) aniline, (e) indole, and (f) carbazole. The arrows in the figure denote the maximum absorption wavelength. The compounds (a–c) were dissolved in $n$-tetradecane and the compounds (d–f) were dissolved in xylene.