Supplementary information for

Two-in-one electrons trapped Fe-BiOCl-Vo nanosheets for promoting photocatalytic-Fenton degradation performances of phenol

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Figure S1. Elemental mapping and EDS spectrum of Fe-BiOCl-V_o nanosheets.

Figure S2. MS plots of different samples.

Figure S3. Concentration of Fe^{2+}.

Figure S4. Comparison of the Fenton, photocatalytic, and photocatalytic-Fenton performances of phenol over Fe-BiOCl-V_o nanosheets.

Figure S5. Comparison of XRD patterns and SEM images of Fe-BiOCl-V_o nanosheets before and after reaction.

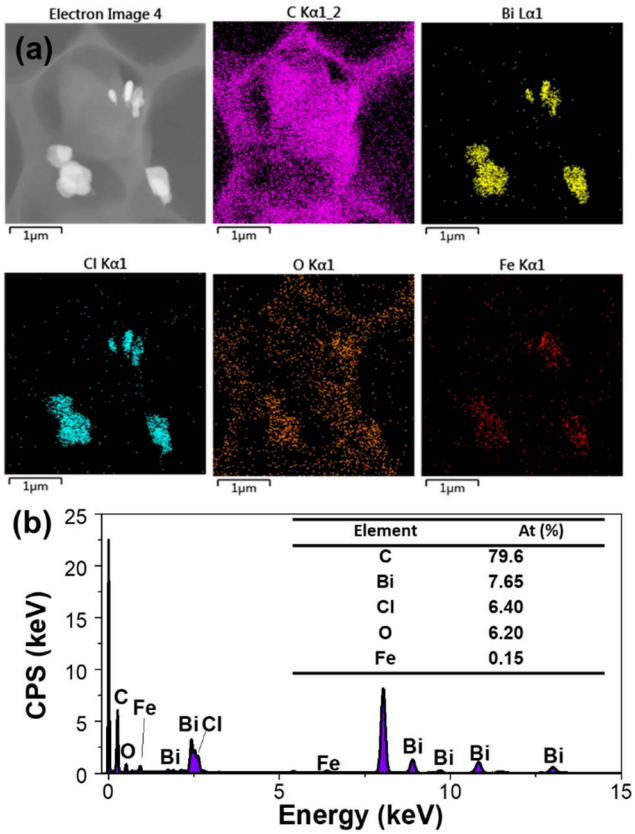

Figure S1. (a) Bright-field TEM image and corresponding elemental mapping, and (b) corresponding EDS spectrum of Fe-BiOCl-V_o nanosheets.

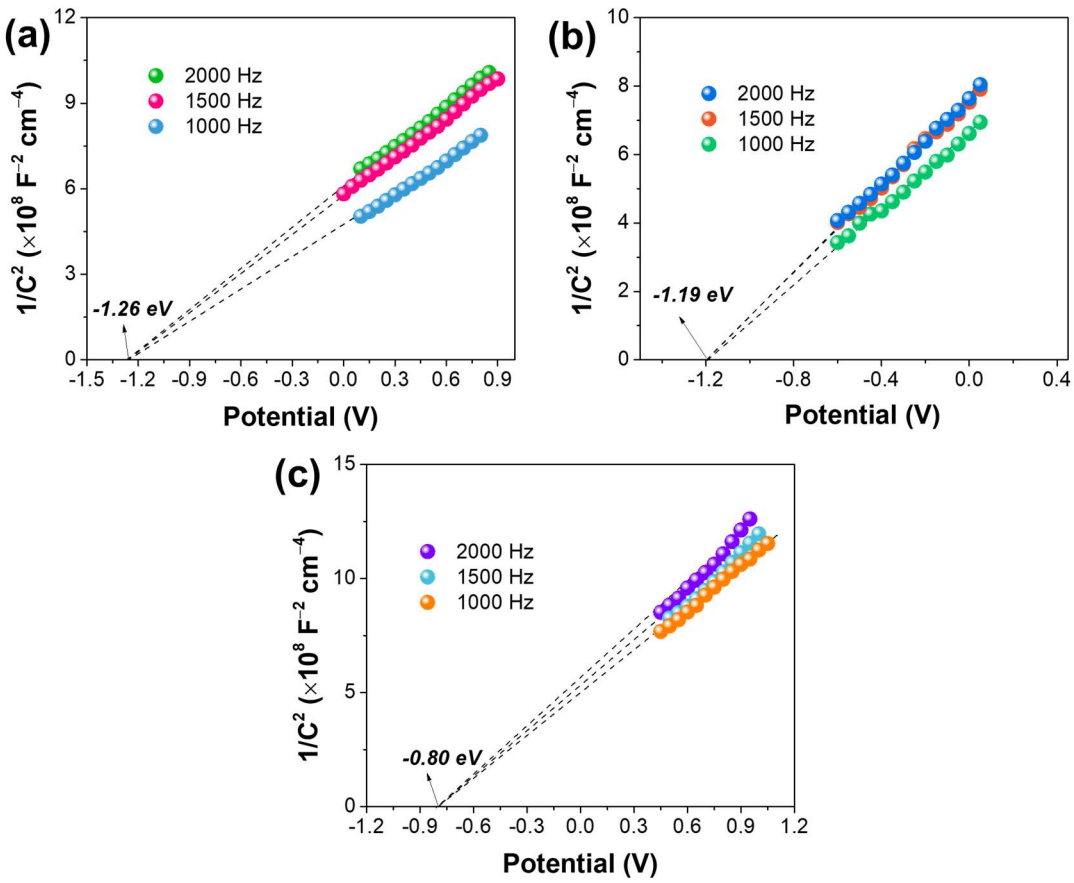

Figure S2. MS plots of different samples, (a) BiOCl, (b) BiOCl-V_o, and (c) Fe-BiOCl-V_o.

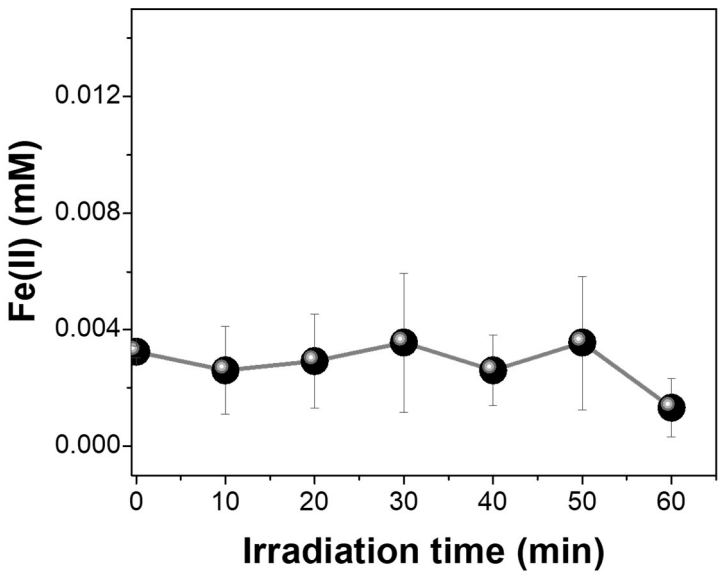

Figure S3. Concentration of Fe^{2+} in the photocatalytic-Fenton system of Fe-BiOCl-V_o nanosheets.

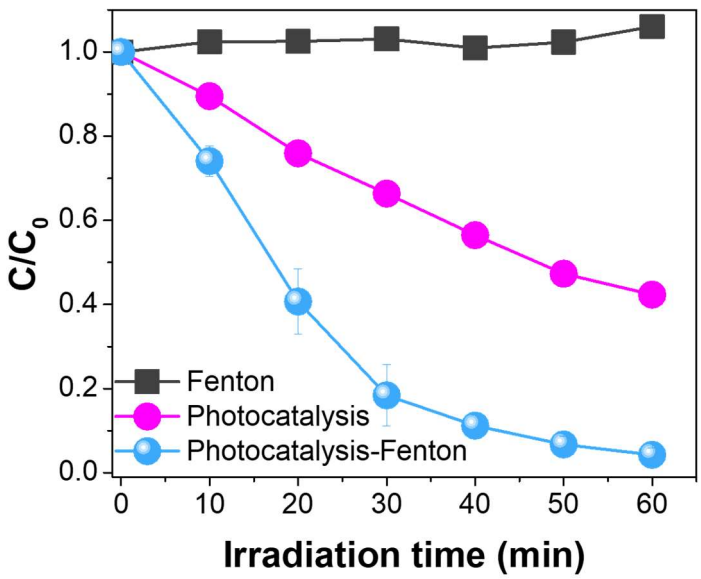

Figure S4. Comparison of the Fenton, photocatalytic, and photocatalytic-Fenton performances of phenol over Fe-BiOCl-V_o nanosheets under full light spectra.

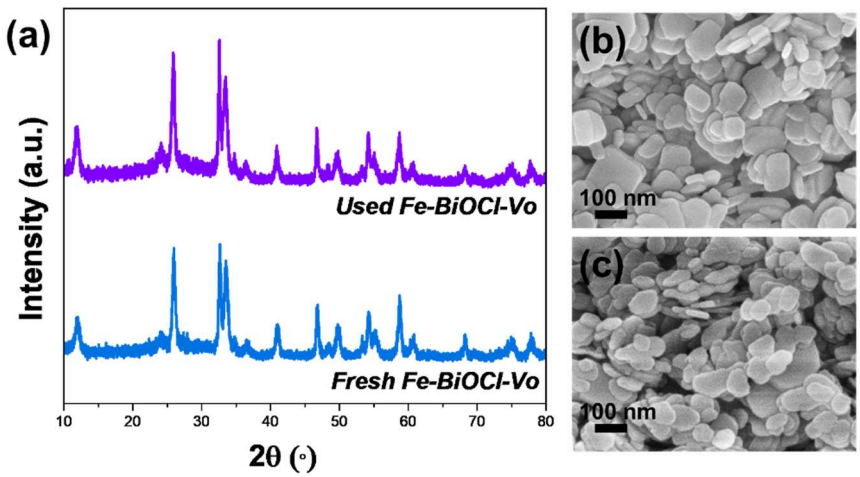

Figure S4. (a) Comparison of XRD patterns of Fe-BiOCl-V_o nanosheets before (Fresh Fe-BiOCl-V_o) and after (Used Fe-BiOCl-V_o) photocatalytic-Fenton process. SEM images of (b) fresh and (c) used Fresh Fe-BiOCl-V_o nanosheets.