

## Supporting information

### Research on the effects of tungstate and carbonate salts in green decontamination on the conversion process of 2-chloroethyl phenylsulfide

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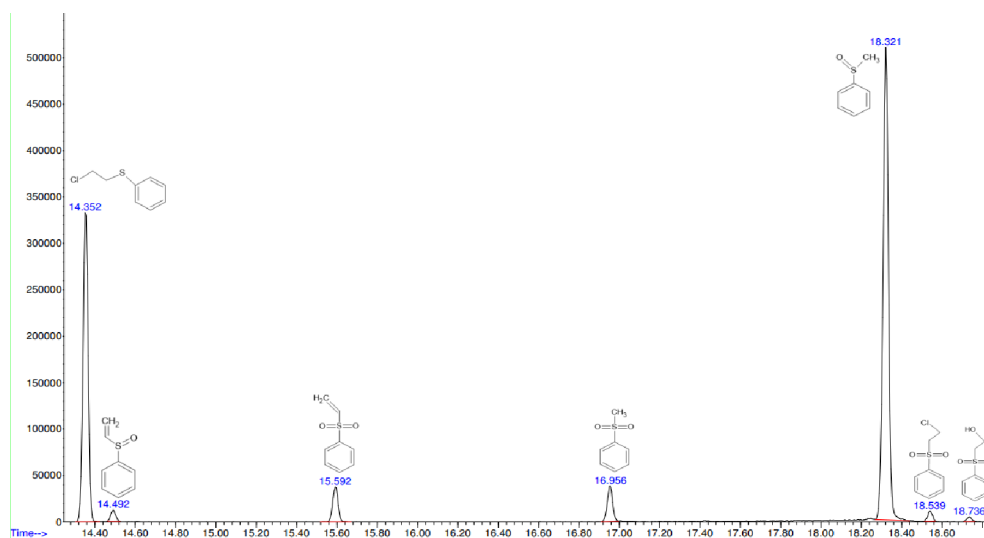
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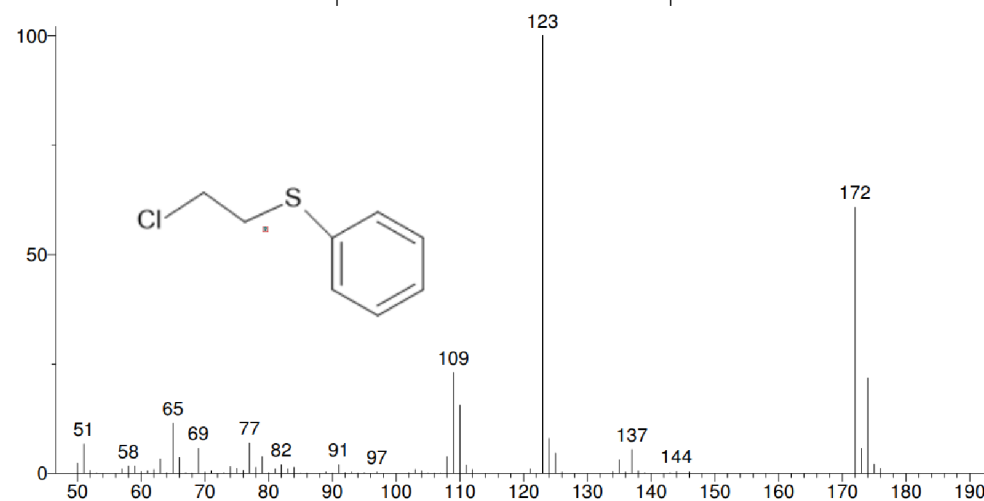
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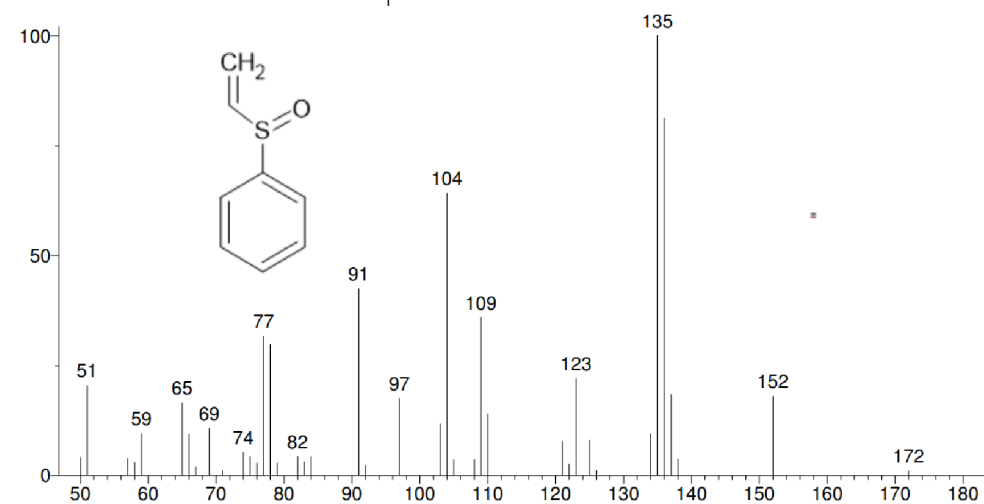


The GC spectrum of CEPS conversion products.



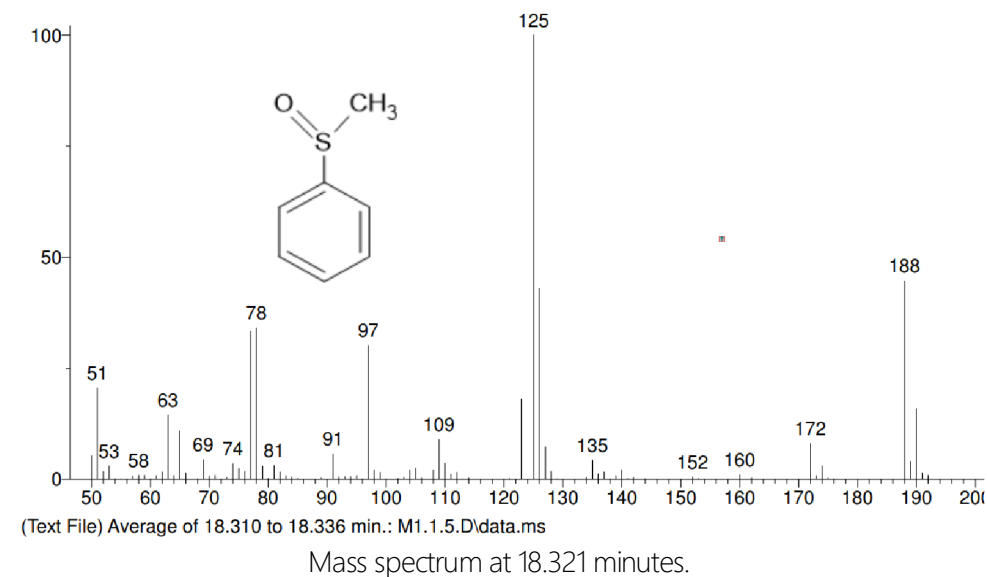
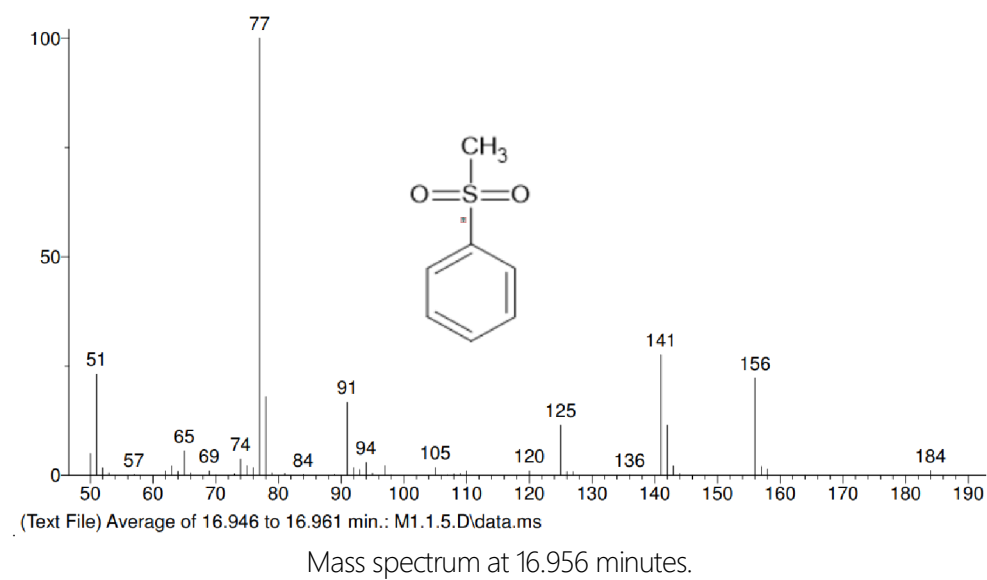
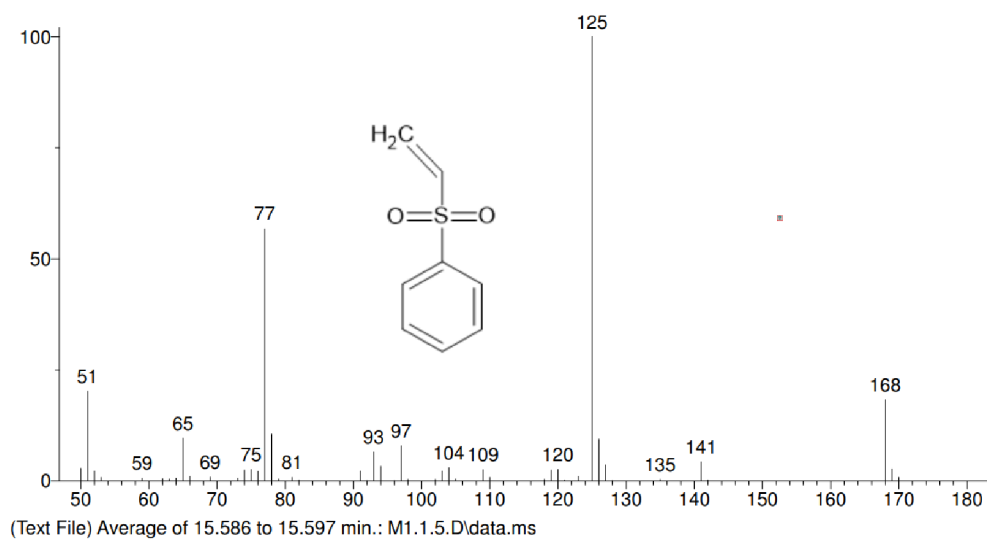
(Text File) Average of 14.346 to 14.362 min.: M1.1.5.D\data.ms

Mass spectrum at 14.352 minutes.



(Text File) Average of 14.486 to 14.497 min.: M1.1.5.D\data.ms

Mass spectrum at 14.492 minutes.



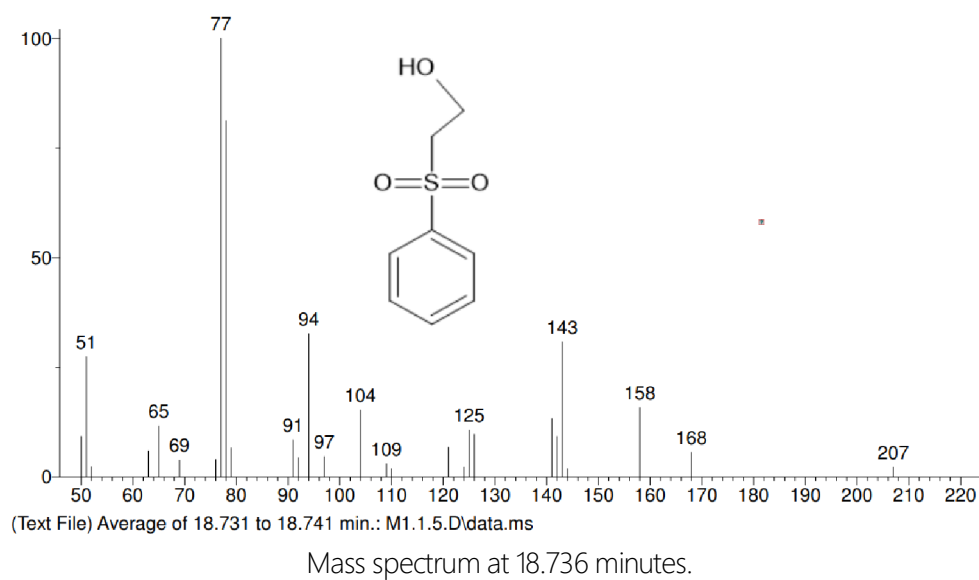
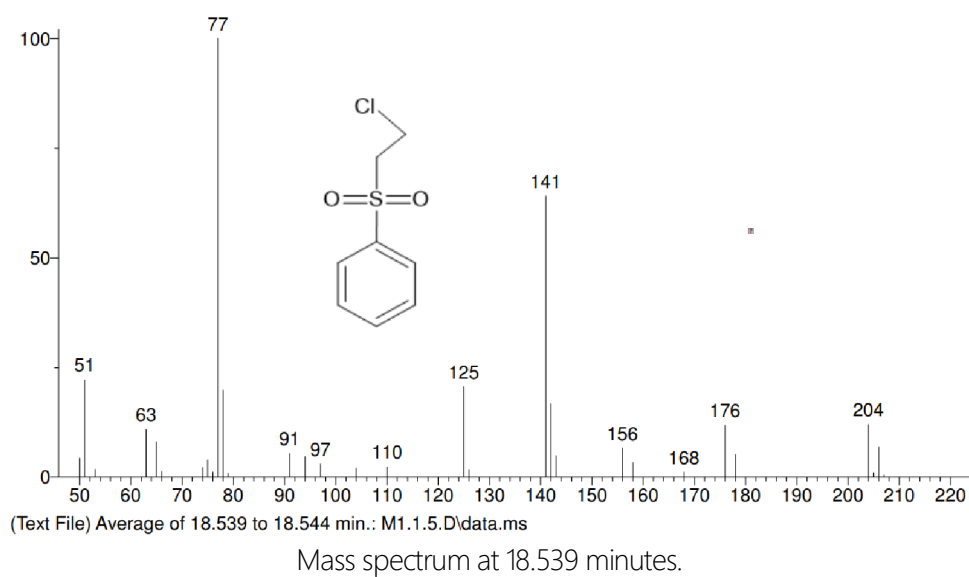
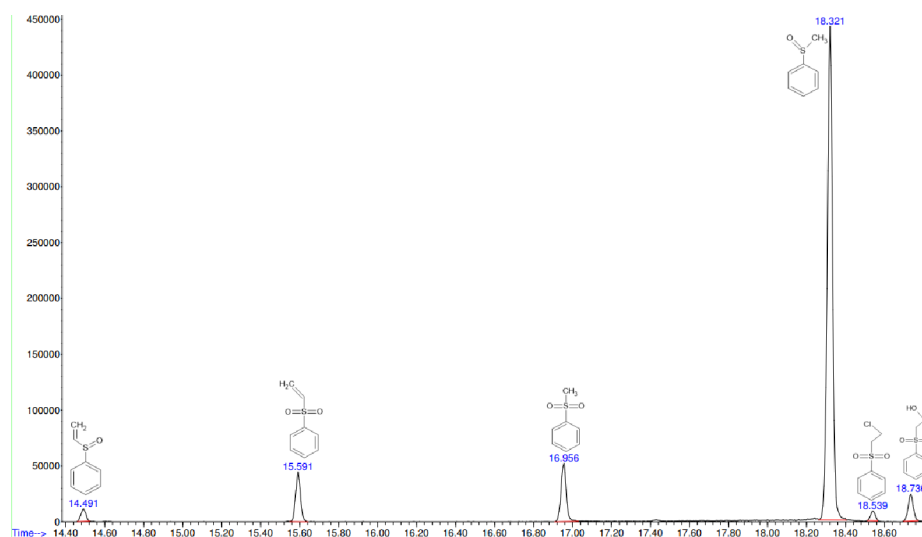
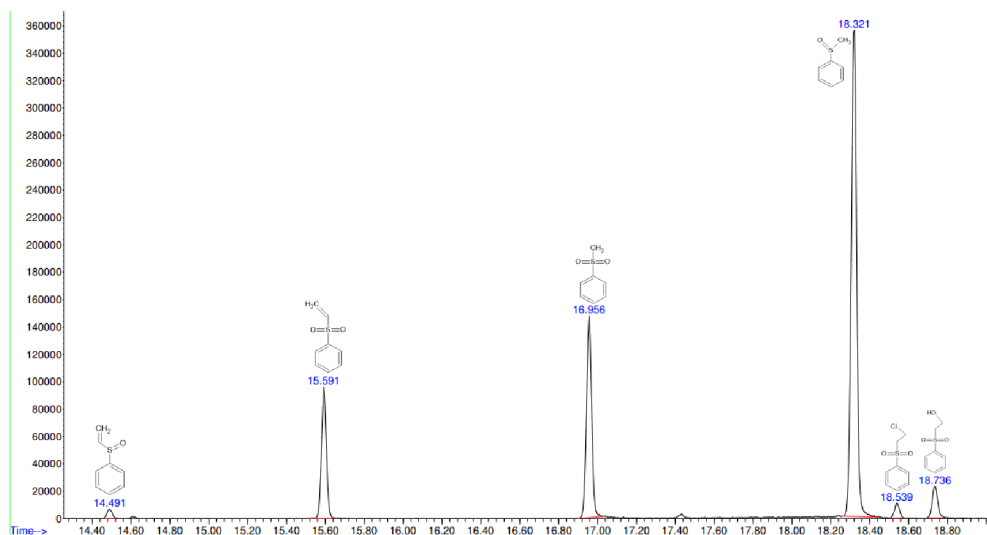


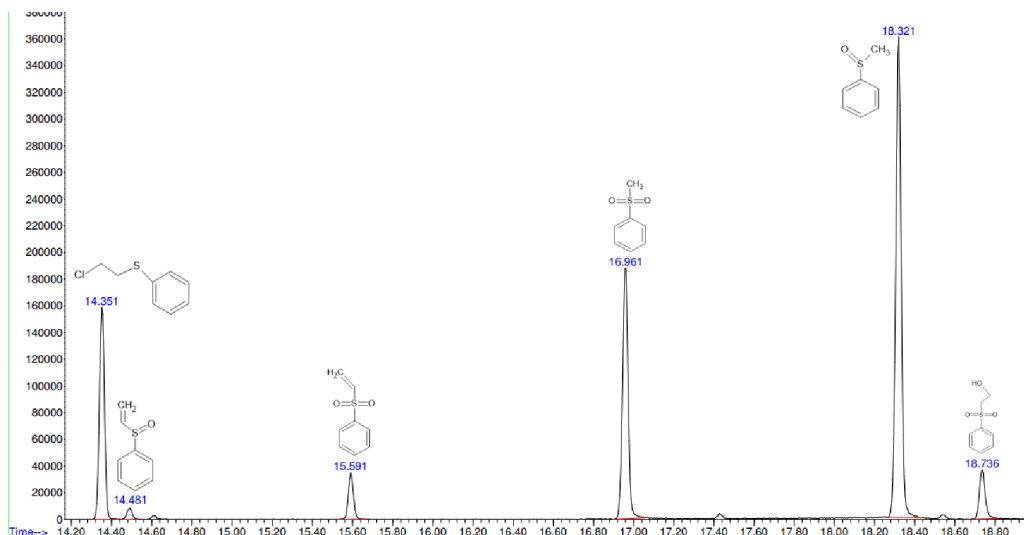
Figure S1. The GC chromatogram and MS spectrum of CEPS conversion



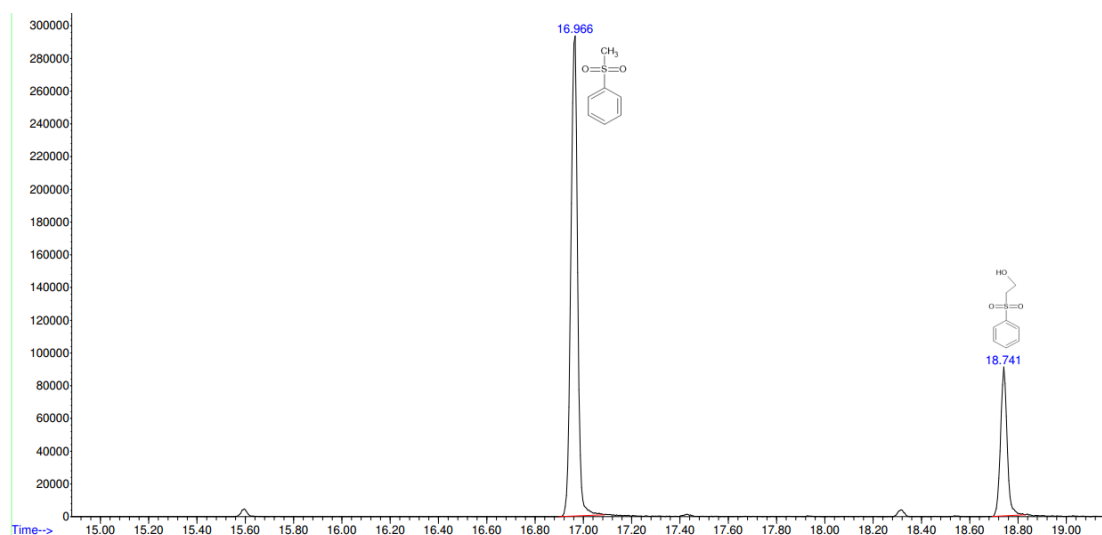
System  $K_2WO_4$  0,0025M/ $H_2O_2$  4,32M



System  $K_2WO_4$  0,01M/ $H_2O_2$  4,32M



System  $K_2CO_3$  0,15M/ $H_2O_2$  4,32M



System  $\text{K}_2\text{CO}_3$  0,5M/ $\text{H}_2\text{O}_2$  4,32M

Figure S2. The GC chromatogram of the reaction products of system 1 and system 2.