## **1** Supporting information for the article entitled

## 2 High time-resolved measurement of stable carbon isotope

## 3 composition in water-soluble organic aerosols: method optimization

## 4 and a case study during winter haze in East China

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- 16 **2 Pages**
- 17 2 Figures



18

Figure S1. Carbon contents of one ambient aerosol sample replicates tested after different
waiting time (duration between the mixture of aerosol extractions with the oxidizing solution
and the helium flushing step) without heating.



- **Figure S2**. Time serie of WSOC/OC.