

Interactive comment on “Volatility of secondary organic aerosol during OH radical induced ageing” by K. Salo et al.

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We thank Professor Claeys for her notes about MBTCA. Yes, we have neglected pointing out MBTCA being a novel product of recent interest for the community because we consider it not so relevant for this paper. A thorough discussion on MBTCA can be found in the companion paper of Müller et al, (Formation of 3-methyl-1,2,3-butanetricarboxylic acid via gas phase oxidation of pinonic acid – a mass spectrometric study of SOA aging), Atmos. Chem. Phys. Discuss., 11, 19443–19476, 2011. This is mentioned in the experimental section:

“In the AIDA experiments, the concentration of three selected aerosol constituents, i.e. pinonic, pinic and a tricarboxylic acid were derived from on line APCI/MS and off- line LC-MS measurements. Details on the measurements and implication can be found
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elsewhere (Müller 2010) and a just brief description is presented here.”

To more clearly point this out it will now also be found in the results and discussion section by adding a sentence after the first paragraph these products are discussed (Page 19524 after row 10 in ACPD paper):

“More details on these products, the speciation in the AIDA experiments and its chemistry is found in the paper by Muller et al. 2011.”

Interactive comment on Atmos. Chem. Phys. Discuss., 11, 19507, 2011.