

**Interactive comment on “Evaluation of**  
**HO<sub>x</sub> sources and cycling using measurement –**  
**constrained model calculations in a 2 – methyl – 3 –**  
**butene – 2 –**  
**ol (MBO) and monoterpene (MT) dominated ecosystem” by S. I**

**Anonymous Referee #2**

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Last week I came across the following new article which describes a new interference on OH radical measurements made using the CIMS technique. The interference is reported to cause a positive artifact in "terpene +O<sub>3</sub>" rich environments. In the light of those interesting results, it would be nice if the authors include a discussion of how strongly the OH concentrations used in the present work would be affected by the newly reported interference and what bearing it would have on the conclusions of the current study.

R. L. Mauldin III, T. Berndt, M. Sipilä, P. Paasonen, T. Petäjä, S. Kim, T. Kurtén, F.  
C5654

Stratmann, V.M. Kerminen & M. Kulmala, A new atmospherically relevant oxidant of sulphur dioxide, *Nature*, 488, 193–196, doi:10.1038/nature11278, 2012.

Interactive comment on Atmos. Chem. Phys. Discuss., 12, 15945, 2012.