

***Interactive comment on “Selective measurements of isoprene and 2-methyl-3-buten-2-ol based on NO<sup>+</sup> ionization mass spectrometry” by T. Karl et al.***

**Anonymous Referee #1**

Received and published: 4 September 2012

1) Chapter 2.1: Line 23: To specify the inner diameter of the Teflon line would be better.  
2) Chapter 3.1:  $\text{H}_3\text{O}^+ + \text{C}_5\text{H}_8 \rightarrow \text{C}_5\text{H}_9^+ + \text{H}_2\text{O}$  is varying with the humidity. How big is protonated ion signal from isoprene on m69 or is it small compared to the MBO<sup>+</sup> produced by NO<sup>+</sup>? 3) Fig. 1: Absolute intensity or concentration on the y-axis gives more information

---

Interactive comment on Atmos. Chem. Phys. Discuss., 12, 19349, 2012.