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Comment

Interactive comment on “Measurement of atmospheric sesquiterpenes by proton transfer reaction-mass spectrometry (PTR-MS)” by S. Kim et al.

S. Kim et al.

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We thank Anonymous Referee #2 for the constructive comments. Followings are responses for the comments.

-Page 405 Line 25: We added DL information and made corrections and explanations on the ion count units not to cause any confusion. -Page 407 Line 6: These listed aromatic compounds are known not to be fragmented inside of the drift tube of PTR-MS. We put this point in the text -Section 2.3 We added specifications of the GC-FID system -Section 2.4 We discussed this issue also before the submission. However, we concluded that this section helps readers to grasp the experimental activities of this study. -Page 411 Line 20 Corrected as suggested -Page 411 Line 27 The proton reaction

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rates of MT and SQT are added -Conclusions: We added the point -Conclusions page 418 Line 3: We added further discussions on advantages of TOF-PTR-MS -Figures are corrected with bigger fonts -Figure 5 and 6: Error bars are added -We put the explanation in the axis label

Interactive comment on Atmos. Meas. Tech. Discuss., 1, 401, 2008.

AMTD

1, S178–S179, 2009

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