Supplementary Information

**LIMONENE OZONOLYSIS IN THE PRESENCE OF NITRIC OXIDE: GAS-PHASE REACTION PRODUCTS AND YIELDS**

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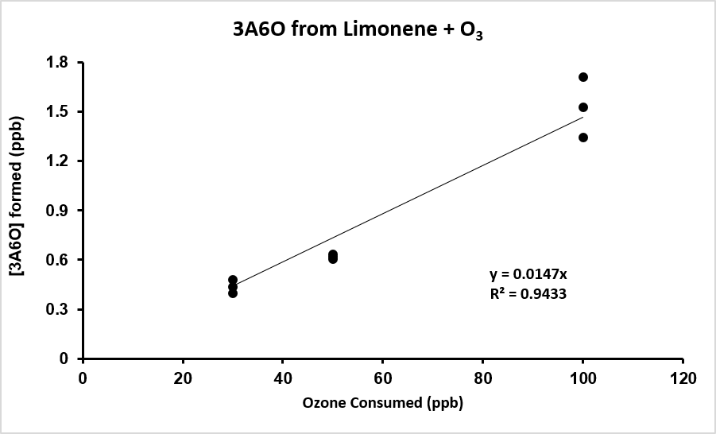
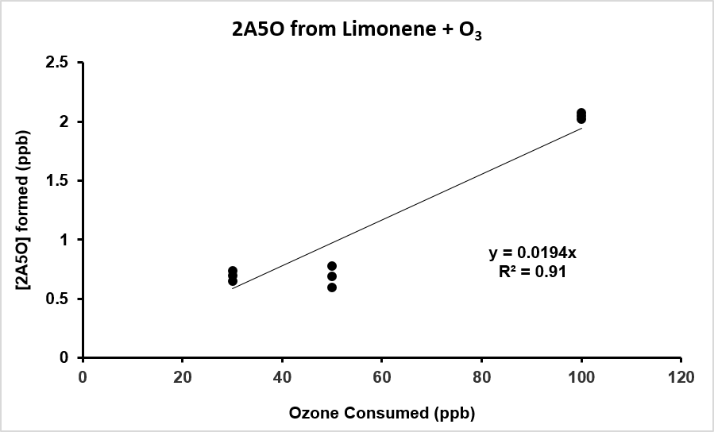
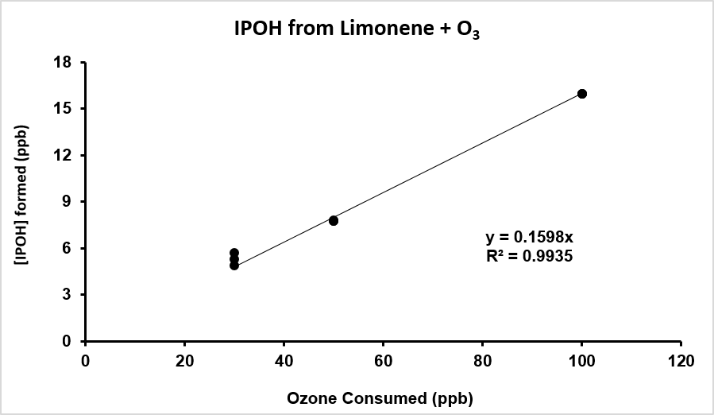
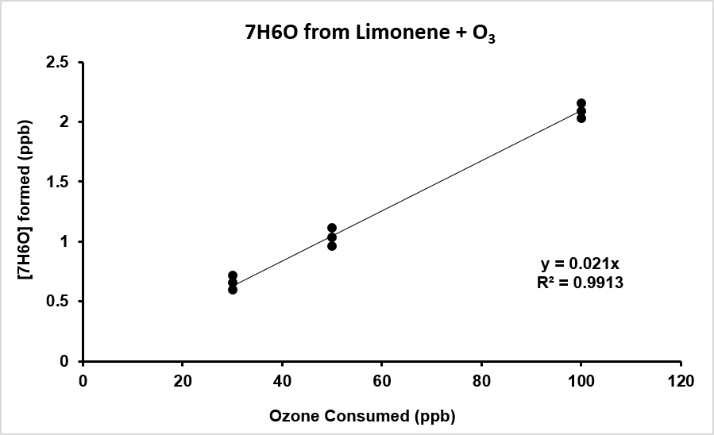
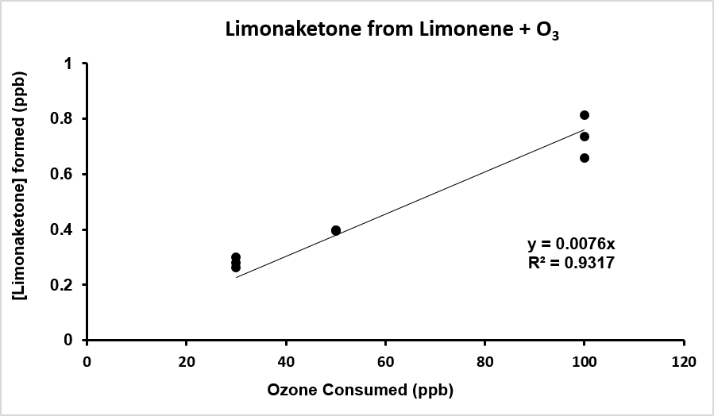
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**Keywords:** ozone, reaction products, oxygenated organic compounds, derivatization



**A**

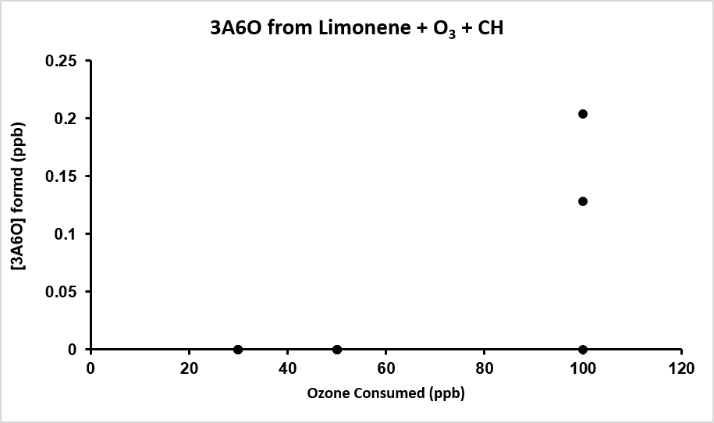
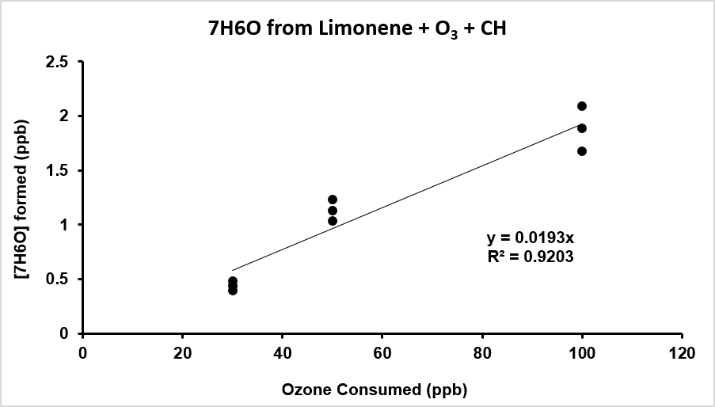
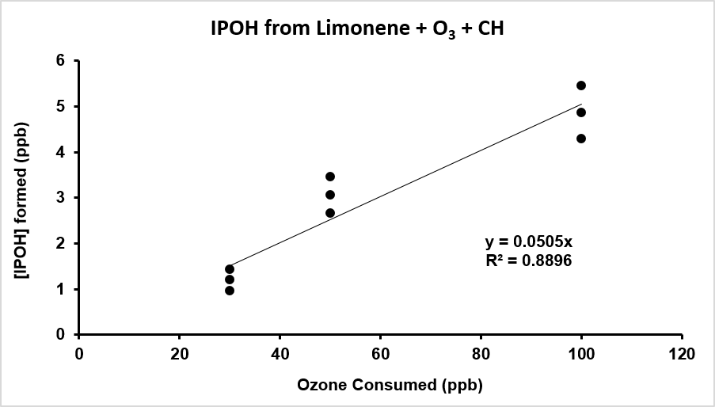
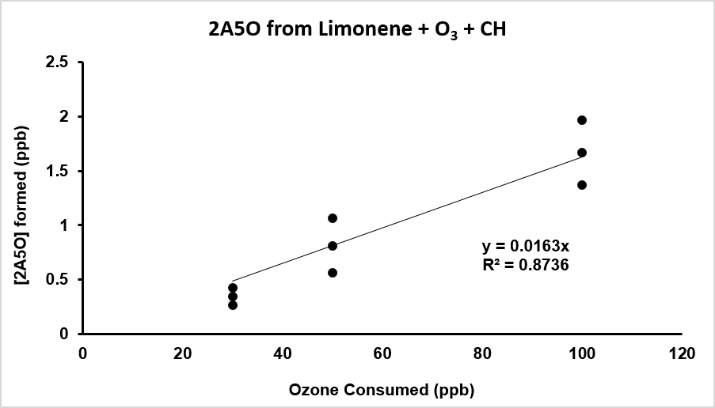
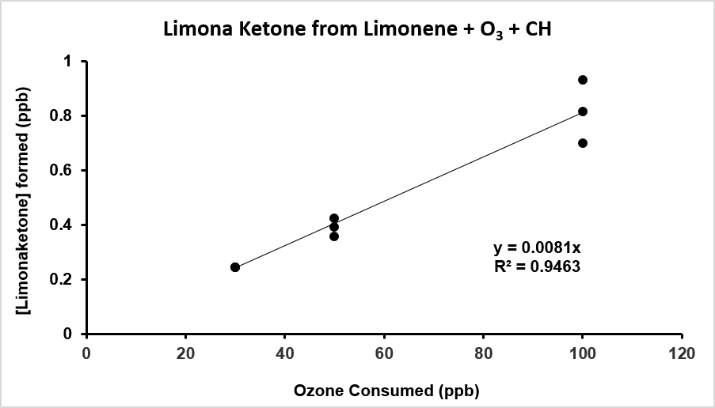
**C**

**B**

**D**

**E**

**Figure S1.** Yield plots from limonene + O3 experiments A) limonaketone, B) 7H6O, C) IPOH, D) 2A5O, and E) 3A6O.



**A**

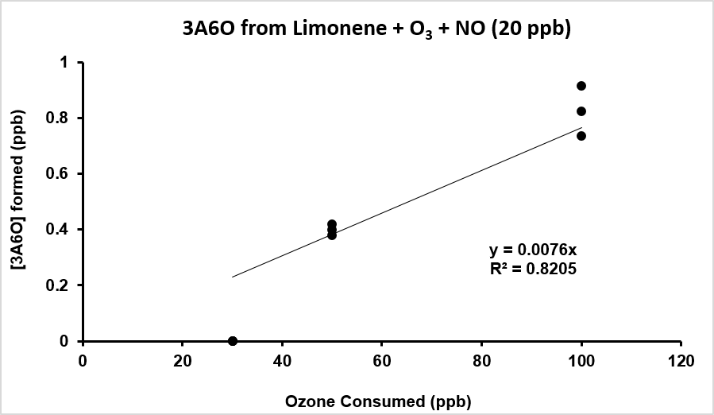
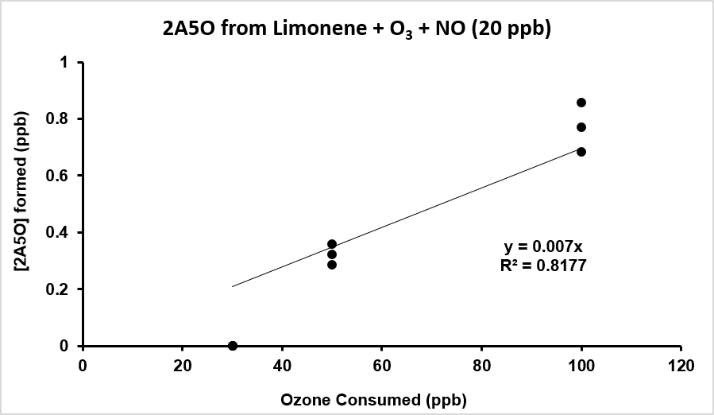
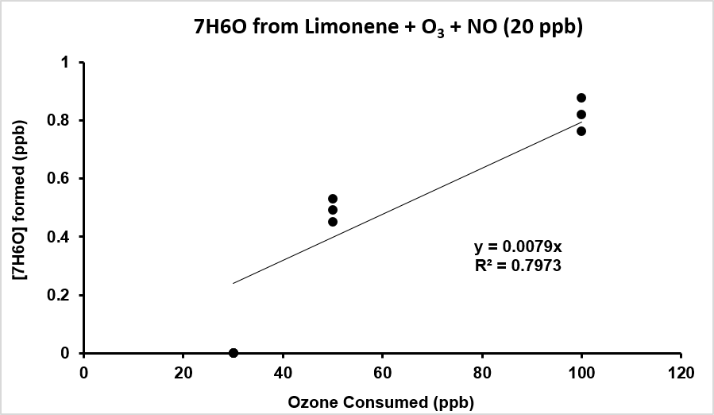
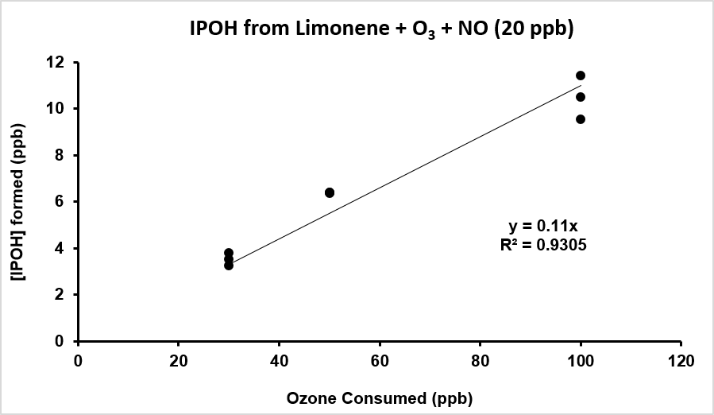
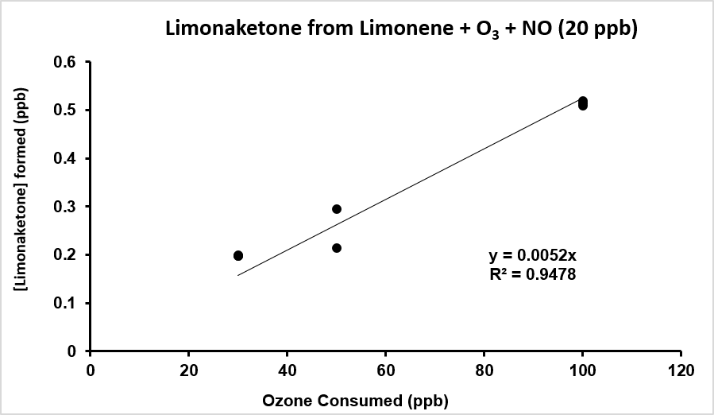
**C**

**B**

**D**

**E**

**Figure S2.** Yield plots from limonene + O3 + CH experiments A) limonaketone, B) 7H6O, C) IPOH, D) 2A5O, and E) 3A6O.



**A**

**C**

**B**

**D**

**E**

**Figure S3.** Yield plots from limonene + O3 + NO (20 ppb) experiments A) limonaketone, B) 7H6O, C) IPOH, D) 2A5O, and E) 3A6O.



**Figure S4.** Limonene ozonolysis mechanism based on observed data and MCM.