

Supplementary Information for

Arrhenius parameters for the OH-initiated degradation of methyl crotonate, methyl-3,3-dimethyl acrylate, (*E*)-ethyl tiglate and methyl-3-butenate over the temperature range of 288-314 K

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Figure S1: IR spectrum of methyl crotonate

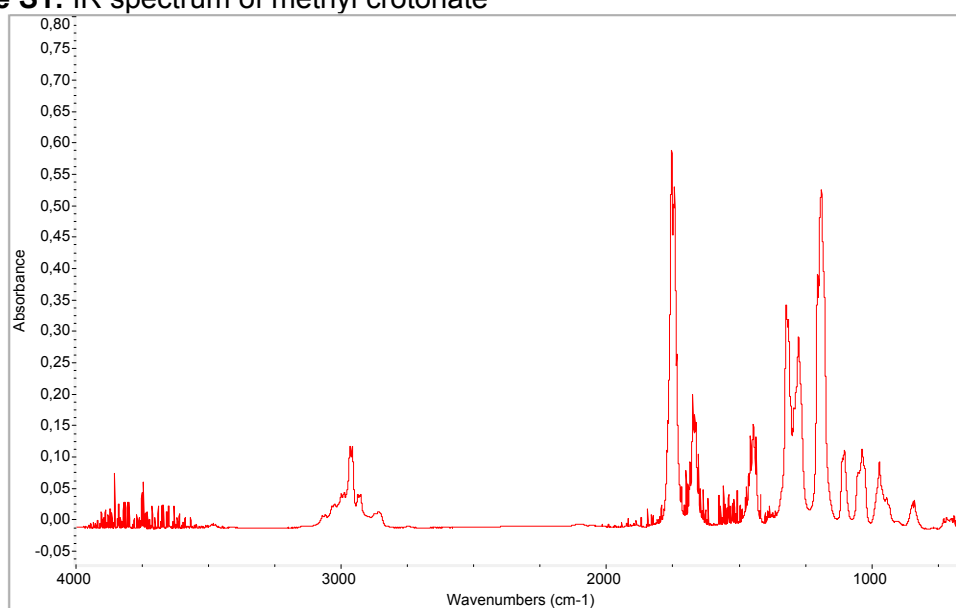


Figure S2: IR spectra of the reactants methyl crotonate, 1-butene, methyl nitrite and NO before photolysis

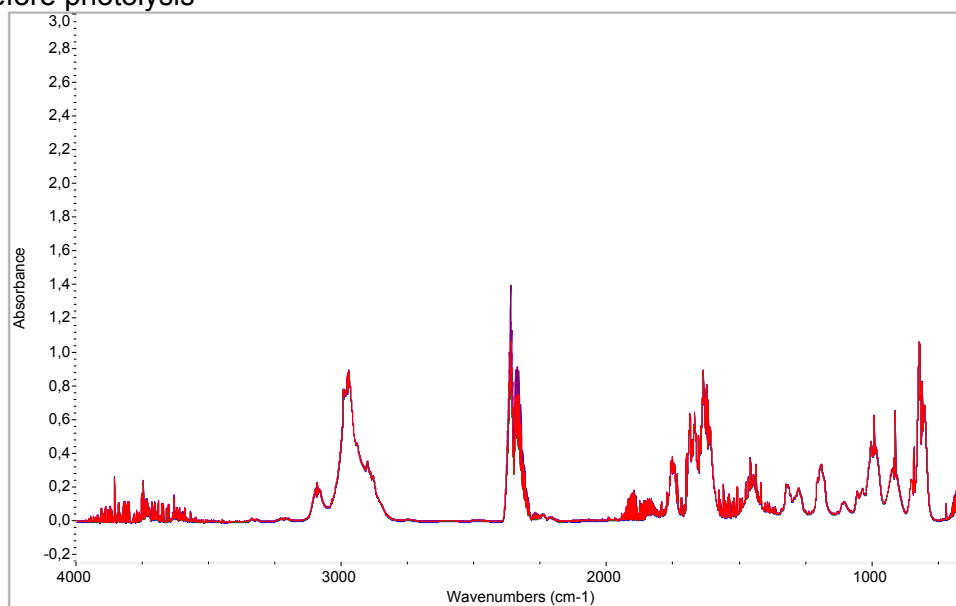


Figure S3: IR spectra of the reactants methyl crotonate, 1-butene, methyl nitrite and NO photolyzed at different times.

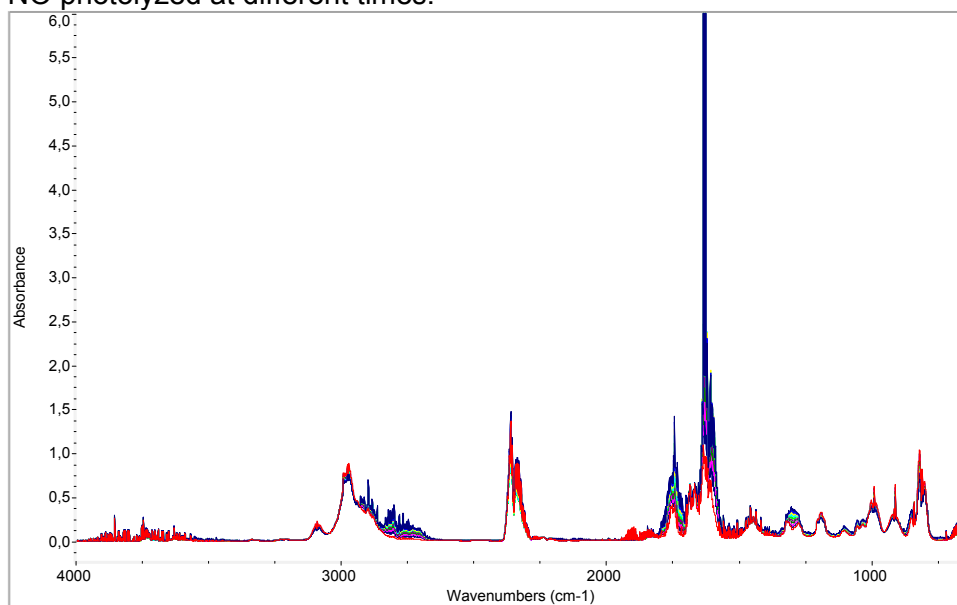


Figure S4: IR spectrum of methyl-3,3-dimethyl acrylate

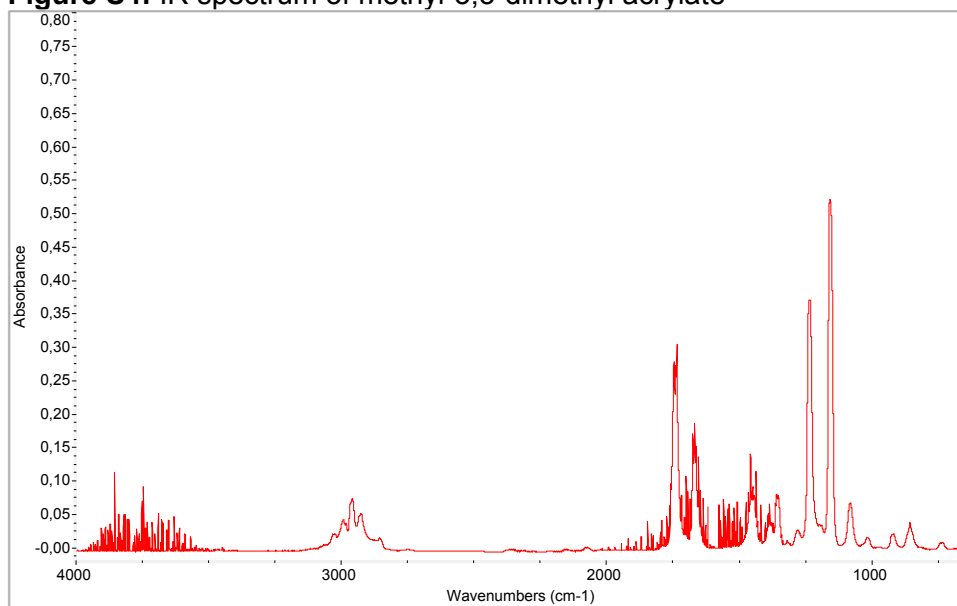


Figure S5: IR spectra of the reactants methyl-3,3-dimethyl acrylate, 1-butene, methyl nitrite and NO before photolysis

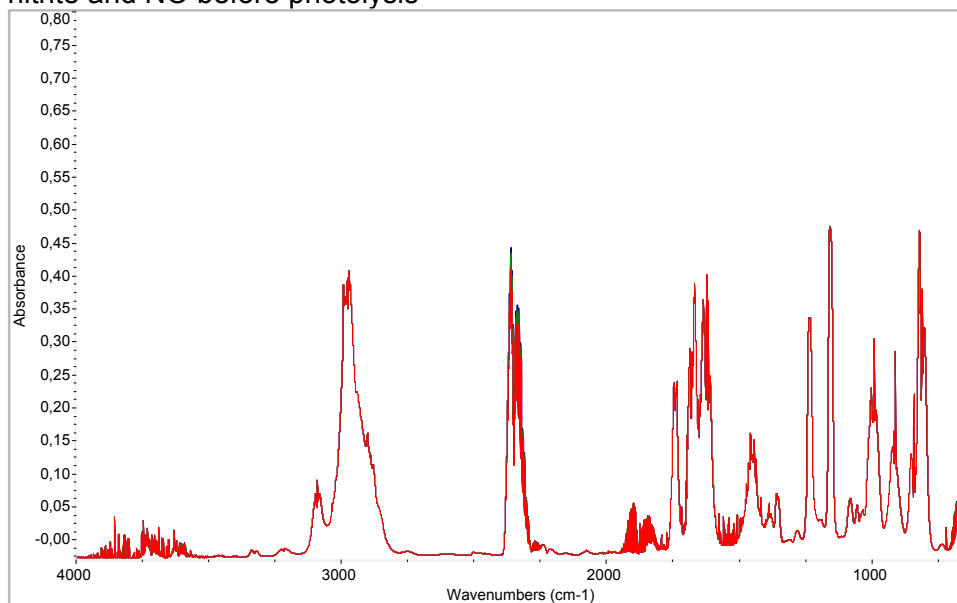


Figure S6: IR spectra of the reactants methyl-3,3-dimethyl acrylate, 1-butene, methyl nitrite and NO photolyzed at different times.

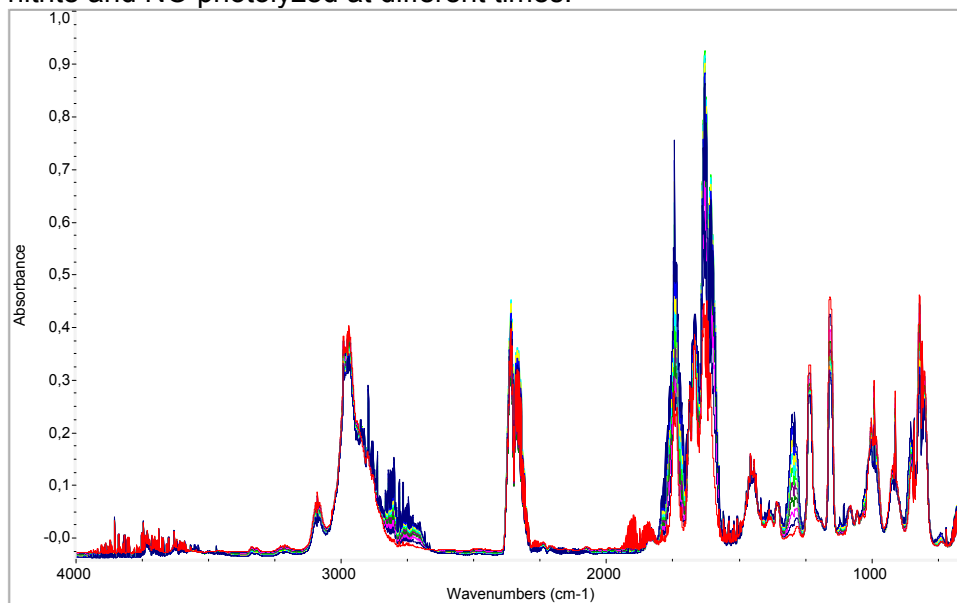


Figure S7: IR spectrum of (*E*)-ethyl tiglate

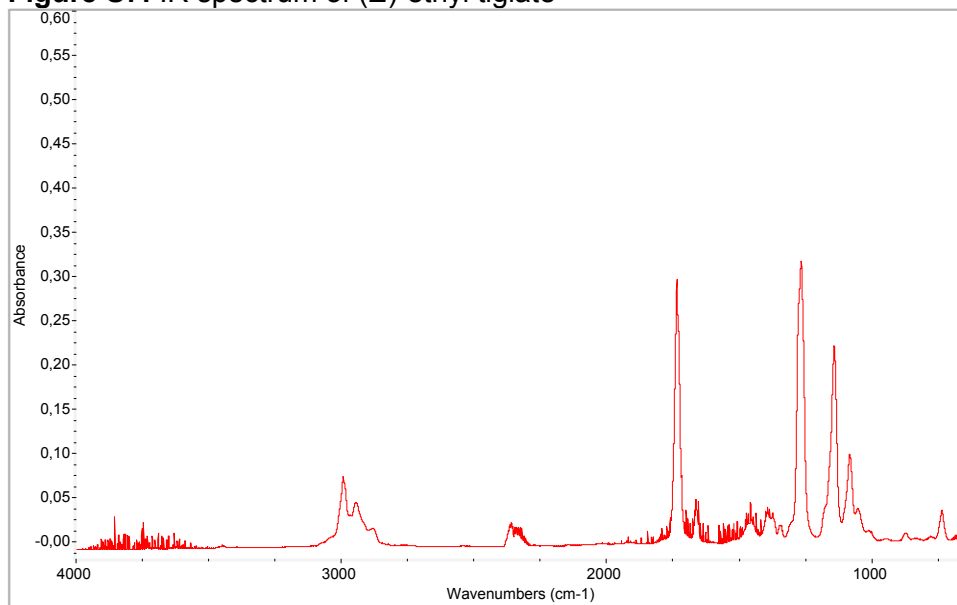


Figure S8: IR spectra of the reactants (*E*)-ethyl tiglate, 1-butene, methyl nitrite and NO before photolysis

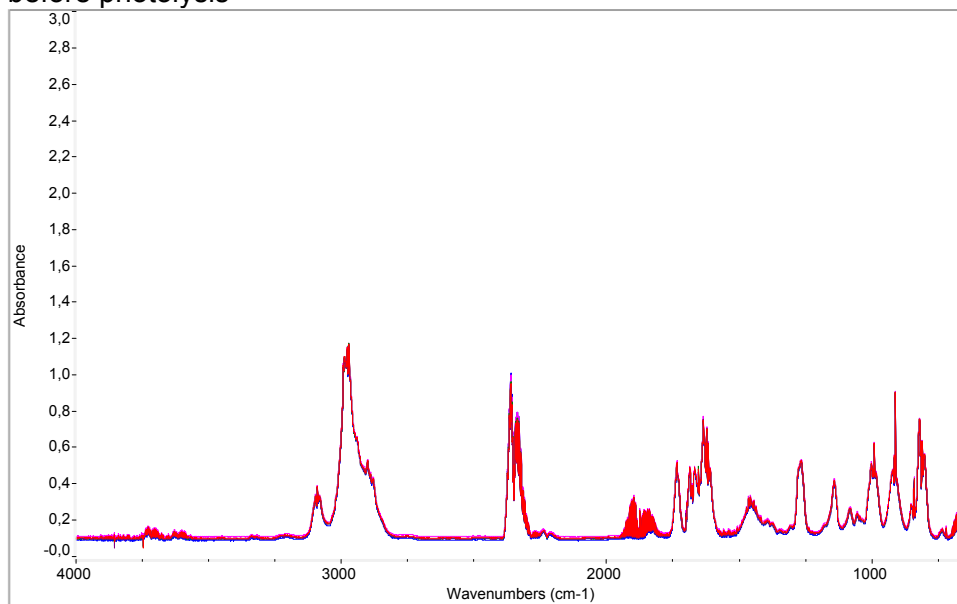


Figure S9: IR spectra of the reactants (*E*)-ethyl tiglate, 1-butene, methyl nitrite and NO photolyzed at different times.

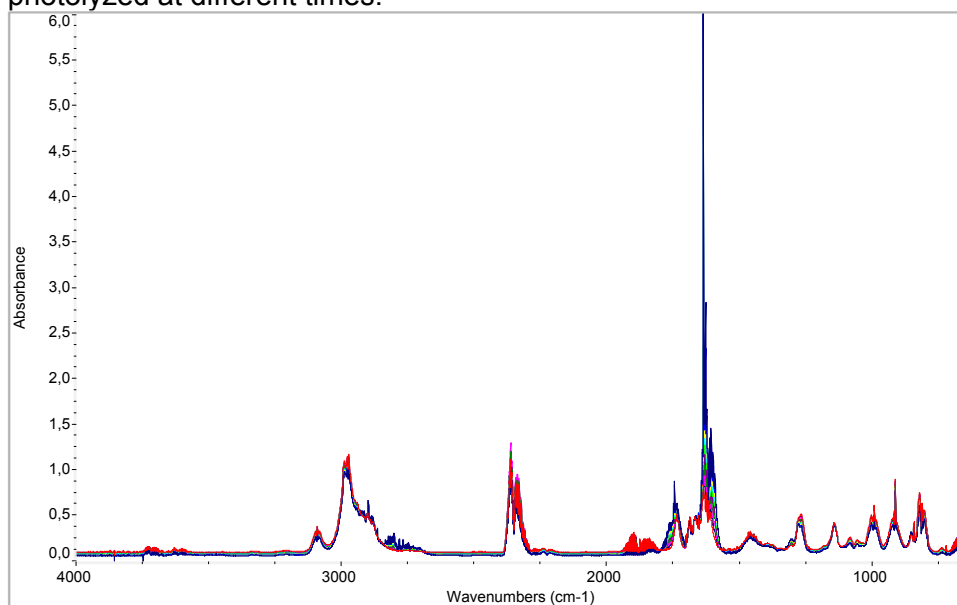


Figure S10: IR spectrum of methyl-3-butenolate

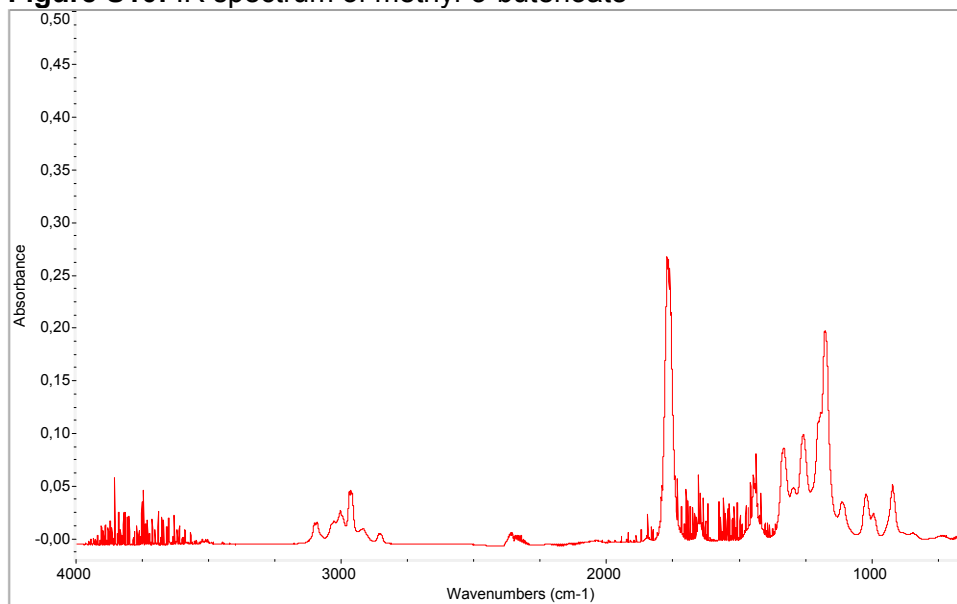


Figure S11: IR spectra of the reactants methyl-3-butenolate, 1-butene, methyl nitrite and NO before photolysis

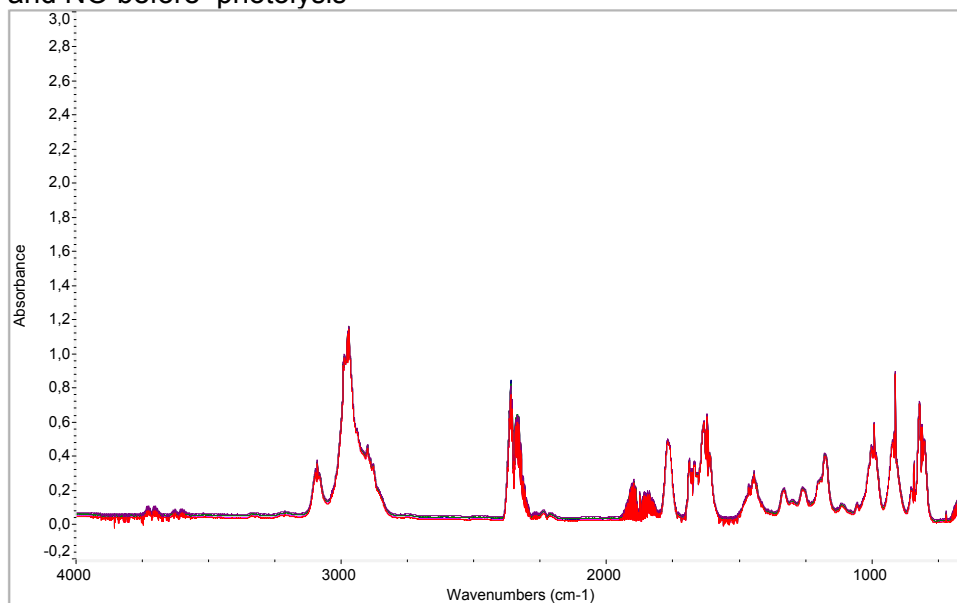


Figure S12: IR spectra of the reactants methyl-3-butenolate, 1-butene, methyl nitrite and NO photolyzed at different times.

