Supplement of

Autoxidation of terpenes, a common pathway in tropospheric and low temperature combustion conditions: the case of limonene and α-pinene.

Fig. S1**:** AP and LM mass Spectra acquired with a HESI source in negative mode

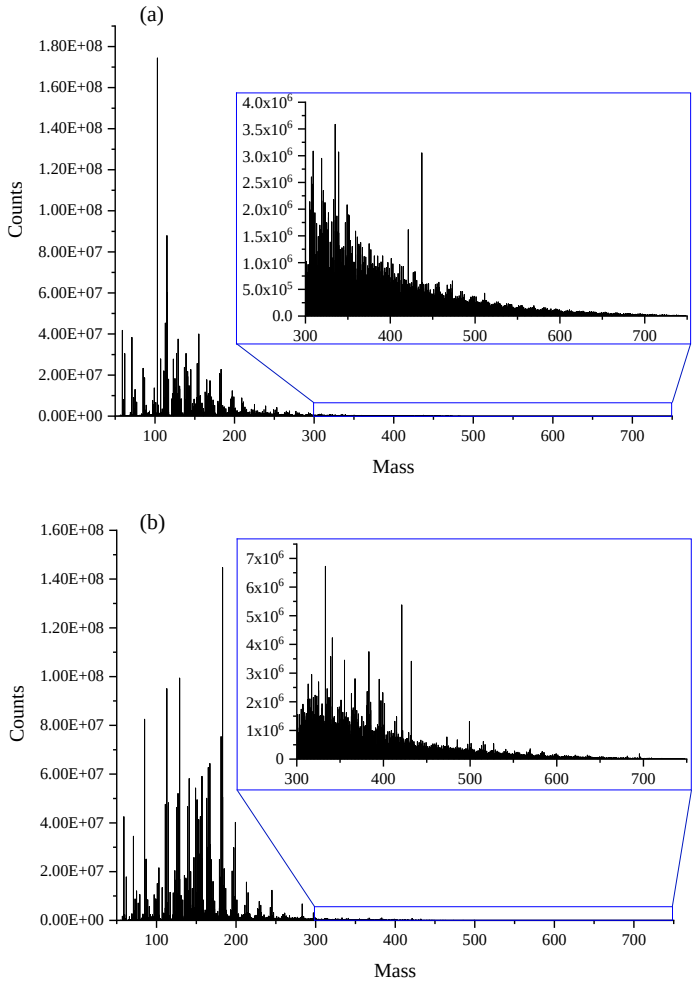
Fig. S2: Enlarged formats of the 3D graphs, APCI source +/-, (a) α-Pinene, (b) limonene and (c) APCI source α-Pinene/limonene

Fig. S3: Enlarged formats of the 3D graphs, HESI source +/-, (a) α-Pinene, (b) limonene and (c) HESI source α-Pinene/limonene

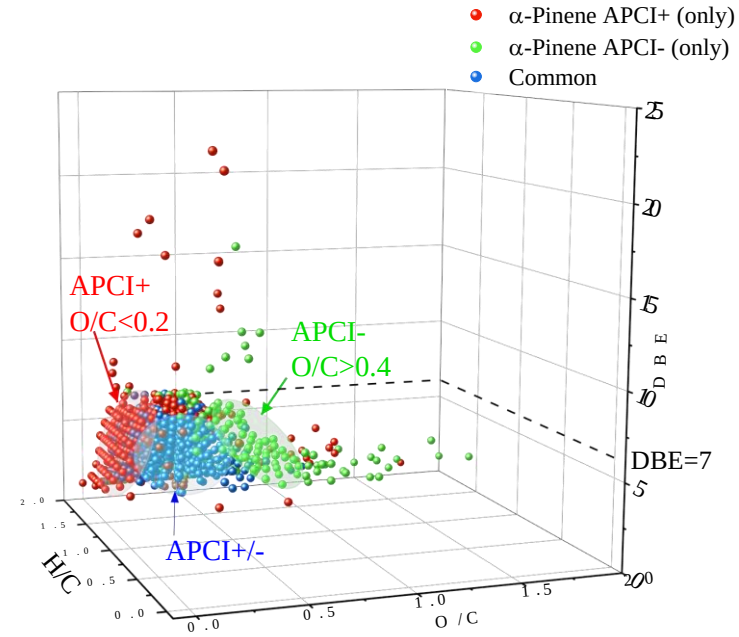
S4 : Excel data file (this study)

S5: 3D plot vector representation of autoxidation

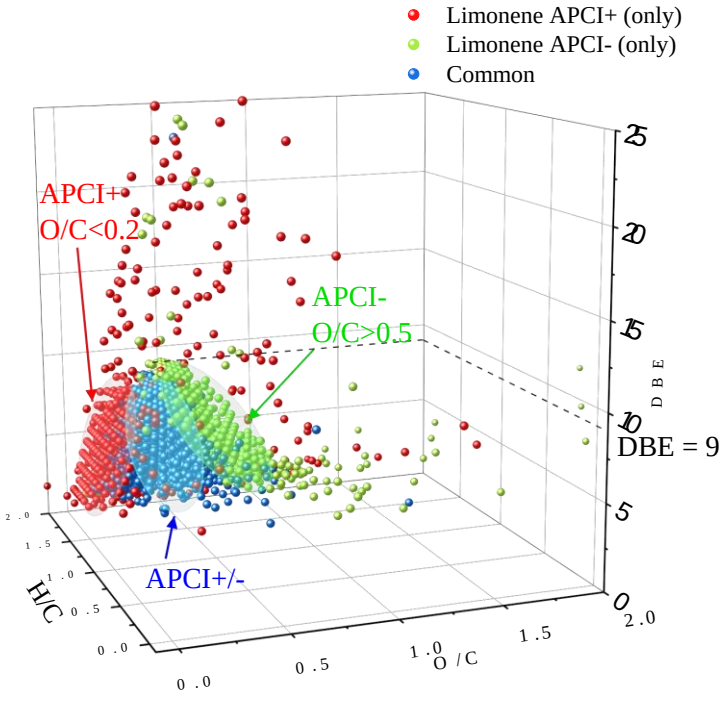
S6: Van Krevelen diagram, with DBE in the third dimension, showing the specific and common chemical formulae of each isomer detected after their oxidation by ozonolysis and combustion.



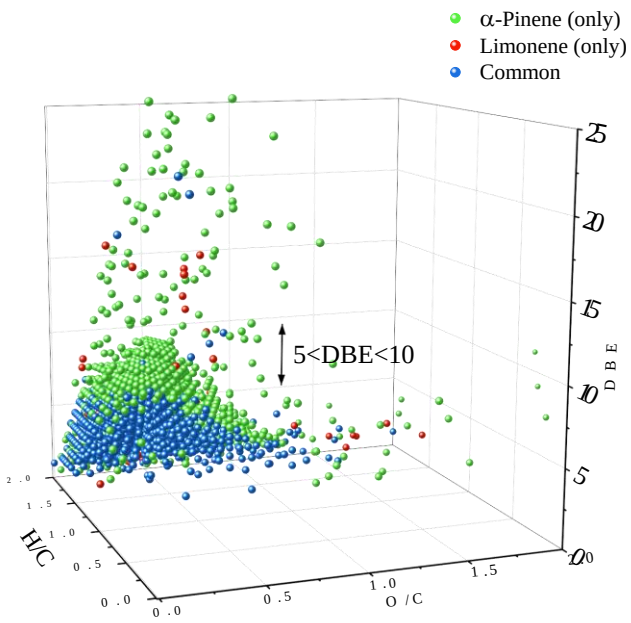
SI Figure S1: AP and LM mass Spectra acquired with a HESI source in negative mode



(a) APCI source +/-, α-Pinene

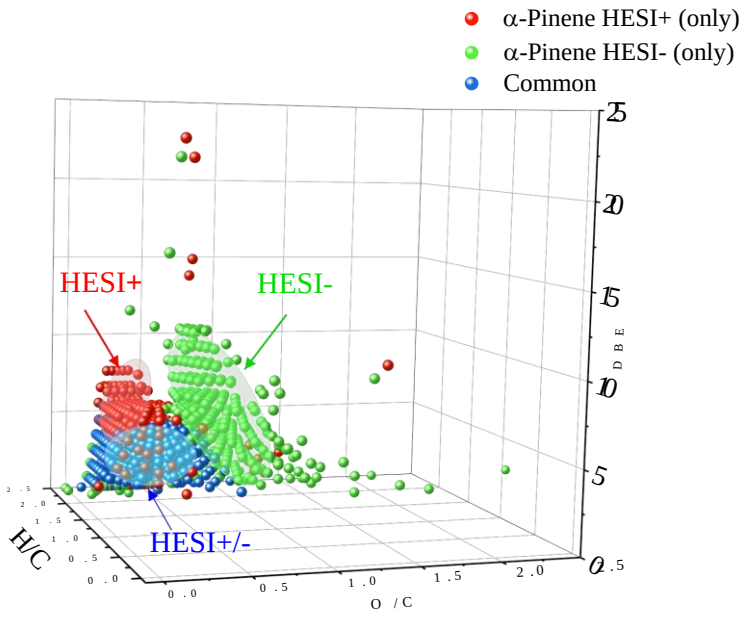


(b) APCI source +/-, limonene

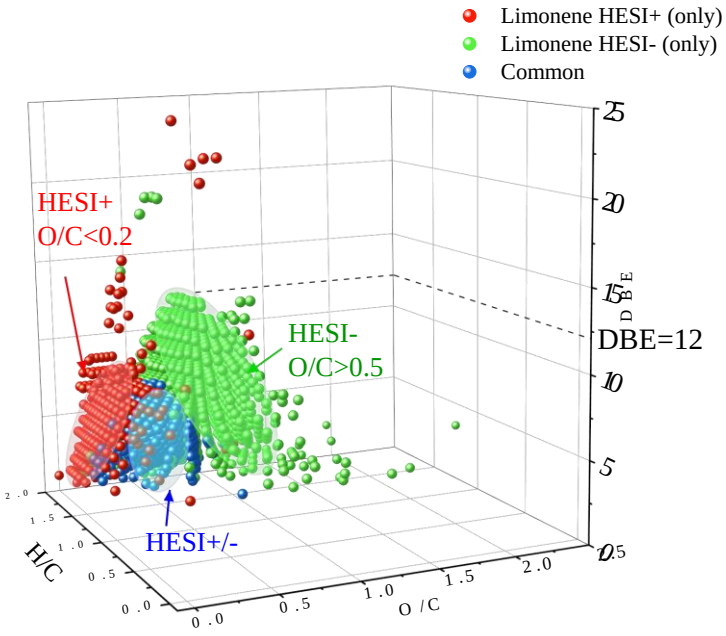


(c) , APCI source α-Pinene and limonene

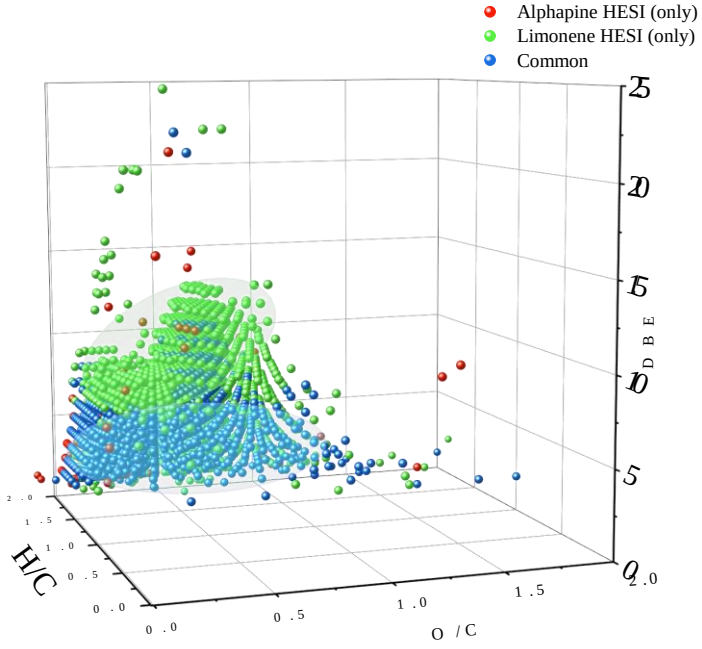
SI 2: Enlarged formats of the 3D graphs, APCI source +/-,



(a) HESI source +/-, α-Pinene



(b) HESI source +/-, limonene



(c) HESI source α-Pinene and limonene

1 **SI 3**: Enlarged formats of the 3D graphs, HESI source +/-,

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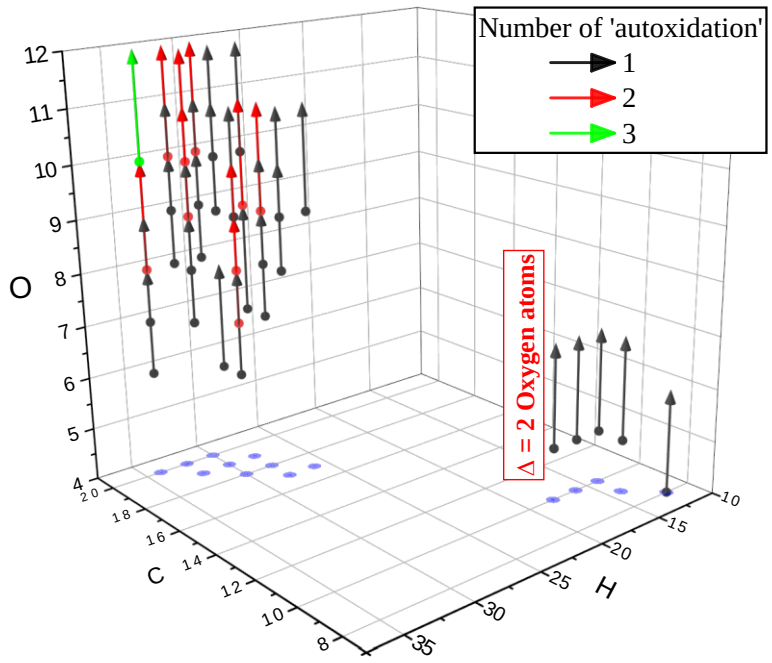
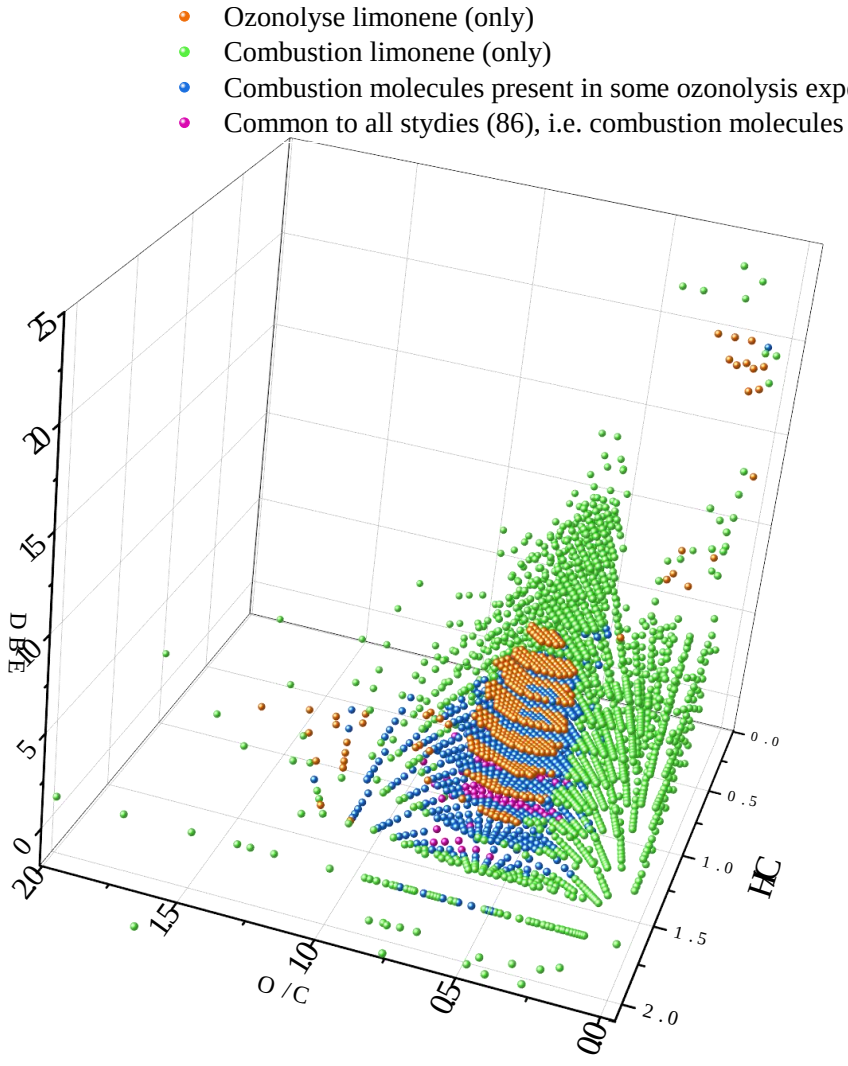
Autoxidation of terp

SI 4 : Excel data file containing all the data from the combustion (cool flame combustion at 590 K) presented in this article



SI 5: 3D plot vector representation of autoxidation



SI Figure 6. Van Krevelen diagram, with DBE in the third dimension, showing the specific and common chemical formulae of each isomer detected after their oxidation by ozonolysis and combustion.