(2) Person A: Compare mechanisms small OVOC yeilds, as in figure 2 of <https://www.atmos-chem-phys.net/17/8725/2017/acp-17-8725-2017.html>

A close up of a map

Description automatically generated

A screenshot of a newspaper

Description automatically generated

Precursor species of interest: Alpha-pinene(C10H16

# ), Isoprene(C5H8), Beta-pinene, MBO(2-methyl-3-Buten-2-ol

), Sesquiterpene C15H24

OVOCs of interest: Formaldehyde(HCHO

), formic acid(HCOOH

), glyoxal(CHOCHO), acetone(C3H6O

)

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|  |  |  |
| --- | --- | --- |
| NO | HCHO |  |
|  |  |  |
|  |  |  |

: First the ISOPO2 fate

Then the OVOC yields

Branching ratio: