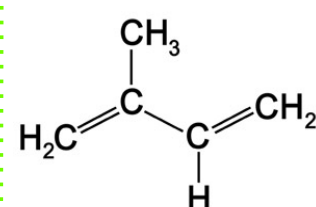


Free troposphere

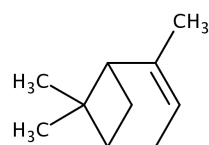
Aged SOA

Residual layer

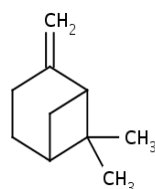
Entrainment



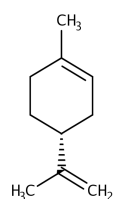
Isoprene



Alpha-pinene



Beta-pinene

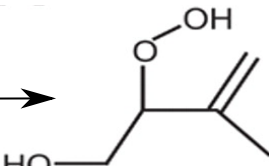


Limonene

Biogenic emissions

OH/O₂

HO₂



ISOPOOH

OH



IEPOX

OH

ISOP(OOH)₂

NO₃/O₃

OH/NO₃/O₃

SVOC

Gas phase

IEPOX SOA

ISOPOOH SOA

VBS SOA

Aerosol phase

Atmospheric boundary layer

Surface heat fluxes

Deposition

SURFACE

