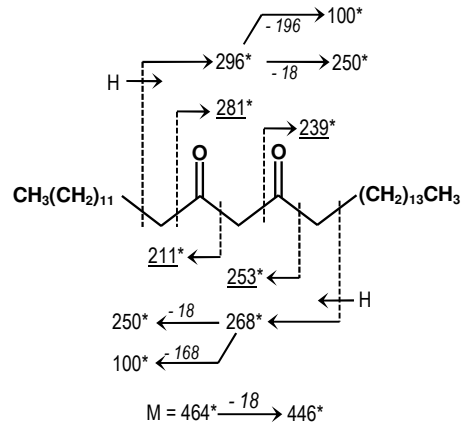
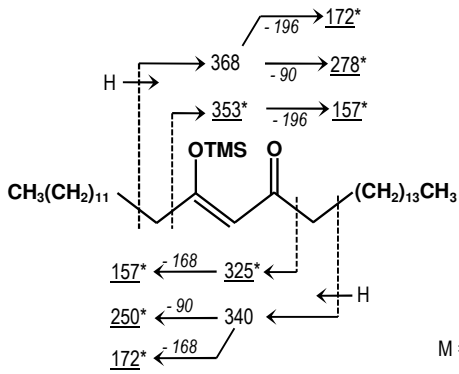


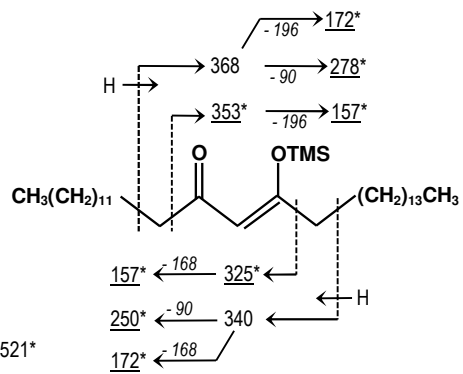
Nonacosan-14-one



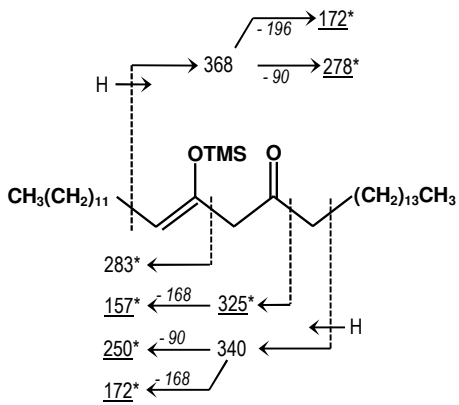
Hentriacontan-14,16-dione



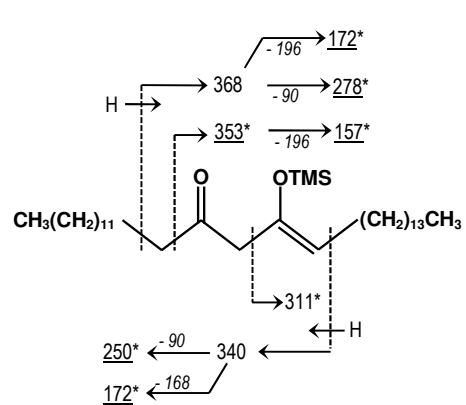
Hentriacontan-14-en-14-ol-16-one (TMS)



Hentriacontan-14-one-15-en-16-ol (TMS)



Hentriacontan-13-en-14-ol-16-one (TMS)



Hentriacontan-14-one-16-en-16-ol (TMS)

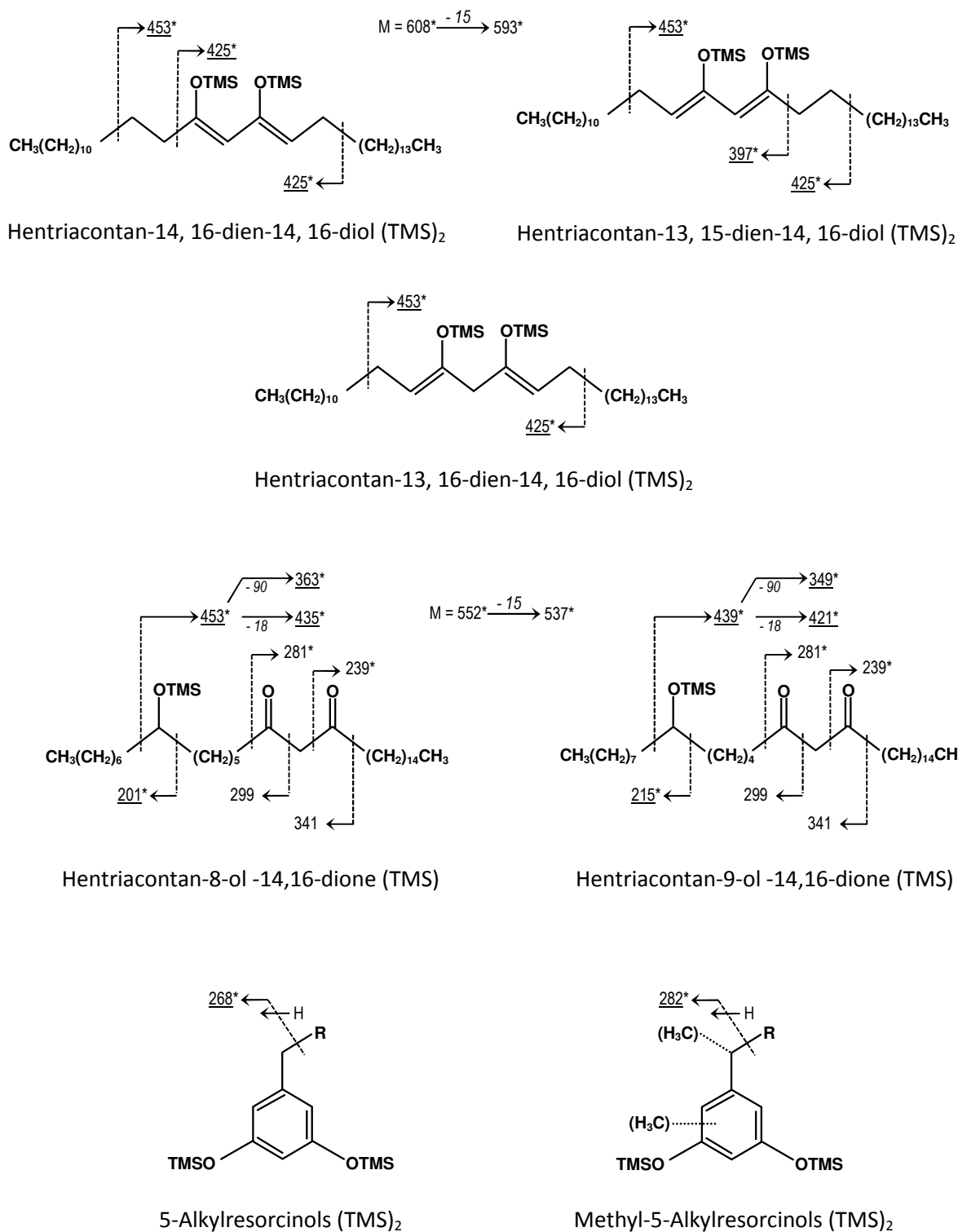


Figure S1. Mass spectrometric fragmentation patterns for ketones and TMS derivatives of β -diketones, enol and (enol)₂ tautomers of β -diketones, hydroxyl- β -diketones and 5-alkyl resorcinols found in cuticular waxes of barley caryopses and husk.