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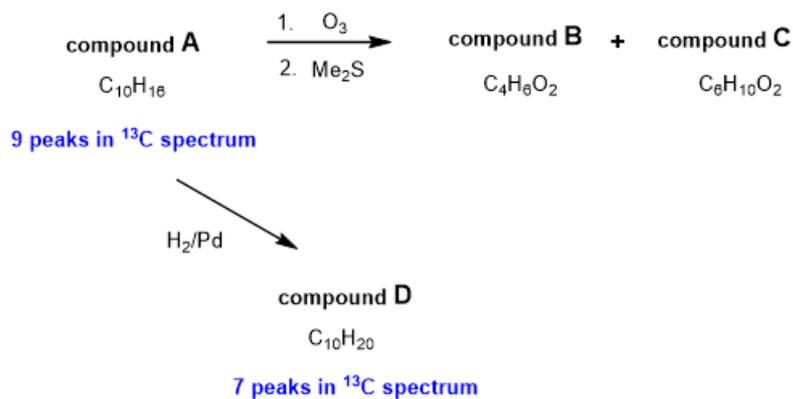
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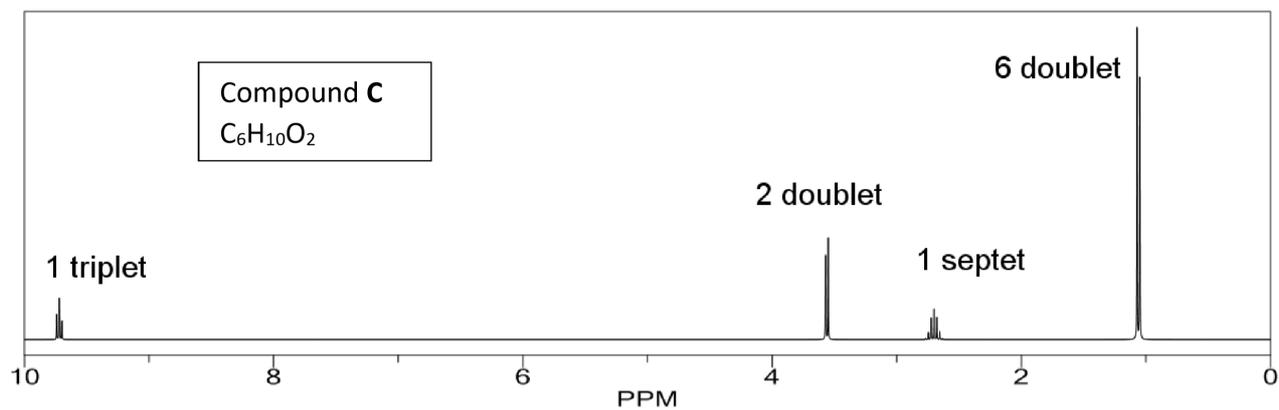
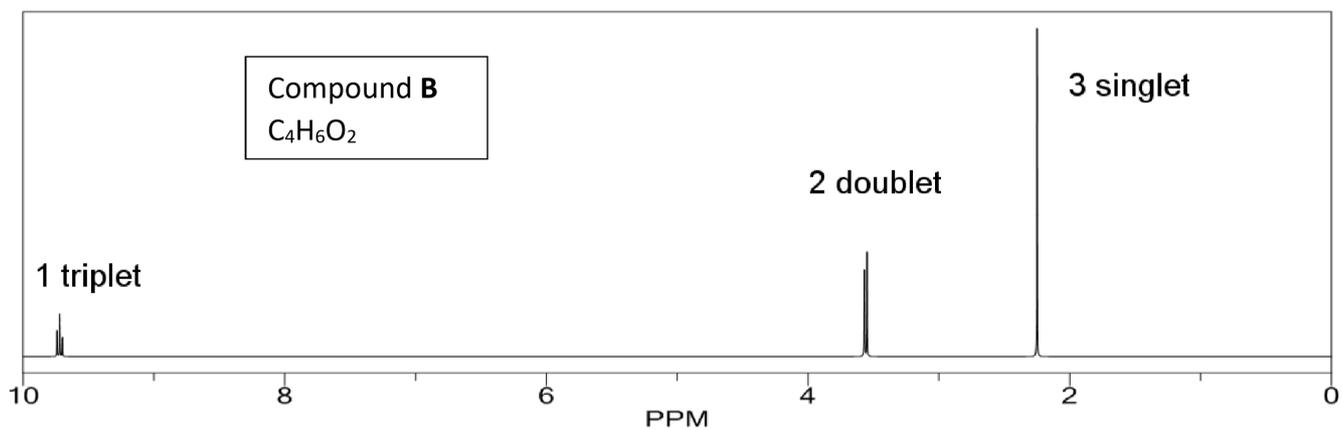
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An unknown cyclic terpene, Compound A, with formula $C_{10}H_{16}$ was subjected to ozonolysis to give compounds B and C. Compound A reacts with H_2/Pd to give compound D, with formula $C_{10}H_{20}$. Compound A shows nine peaks in its ^{13}C spectrum. Compound D shows seven peaks in its ^{13}C spectrum. The 1H NMR spectra of compounds B and C are shown below.



- Draw the structure of Compound B.
- Draw the structure of Compound C.
- Draw the structure of Compound A.



VIDEO SOLUTION



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