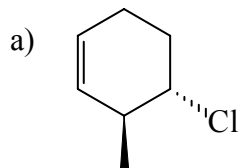
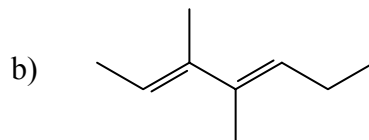


CHEM 241-601
Alkene Nomenclature

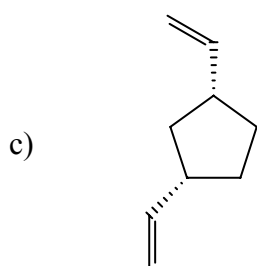
Name the following alkenes and di- / trienes:



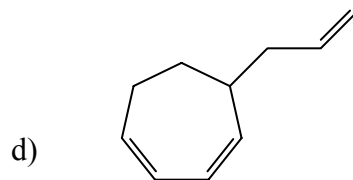
(S)-4-chloro-(S)-3-methylcyclohexene



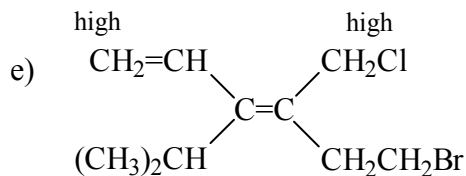
3,4-dimethyl-2(E),4(E)-heptadien



cis 1,3-divinylcyclopentane
(or diethenylcyclopentane)



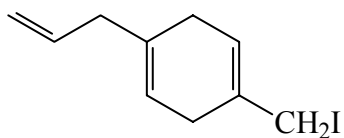
5-allyl-1,3-cycloheptadiene
or 5-(2-propenyl)



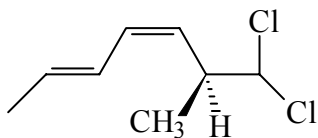
(Z) 6-bromo-4-chloromethyl-3-isopropyl-1,3-hexadiene

Draw the following compounds:

a) 1-allyl-4-iodomethyl-1,4-cyclohexadiene



b) 7,7-dichloro-6(S)-methyl-2(E),4(Z)-heptadiene



c) (R) 2-phenyl-8,8-dimethyl-4(Z)-nonene

