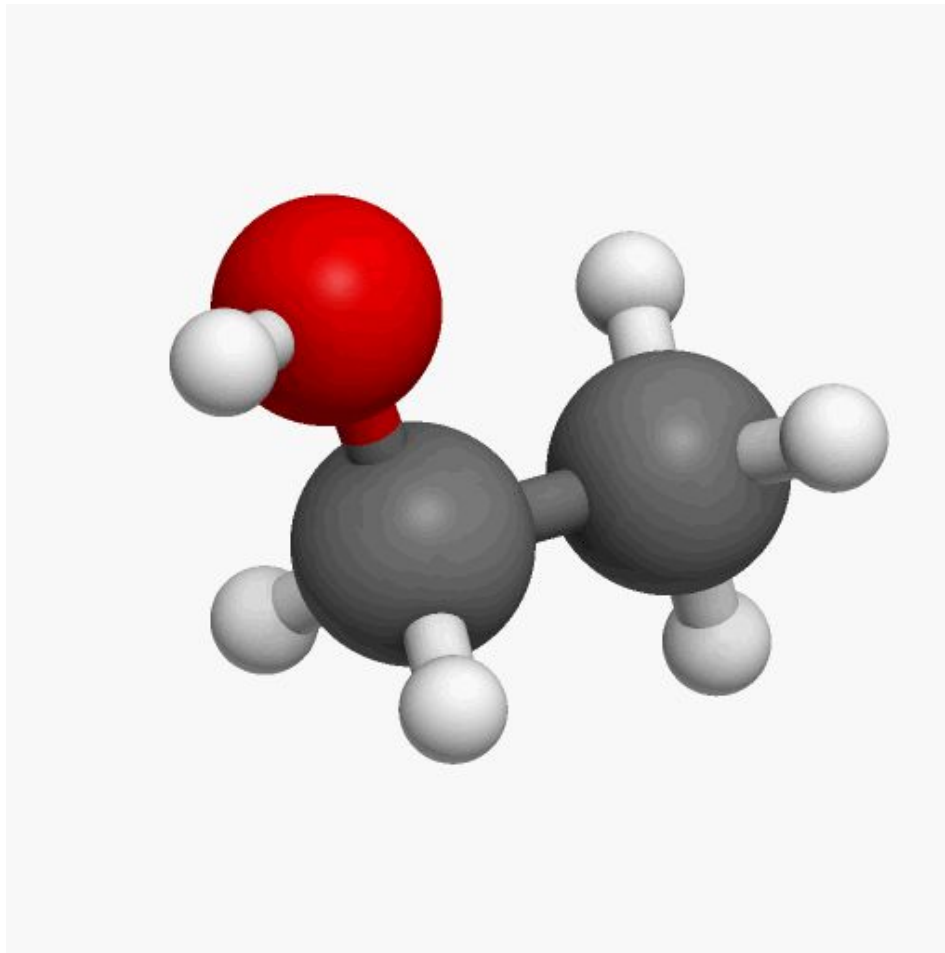
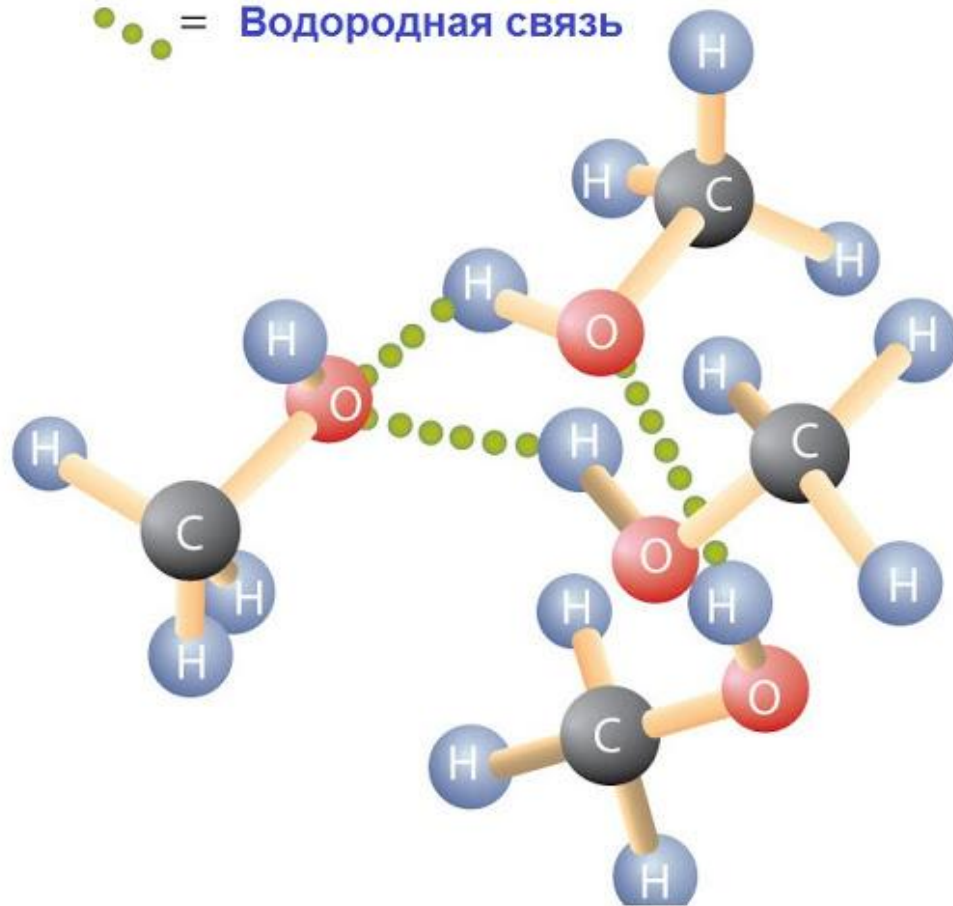


СПИРТЫ



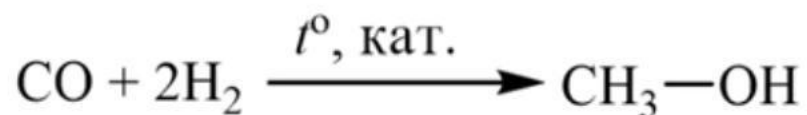
Строение, классификация, изомерия, физические свойства

 = Водородная связь

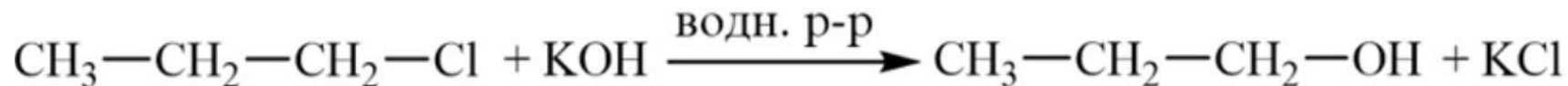
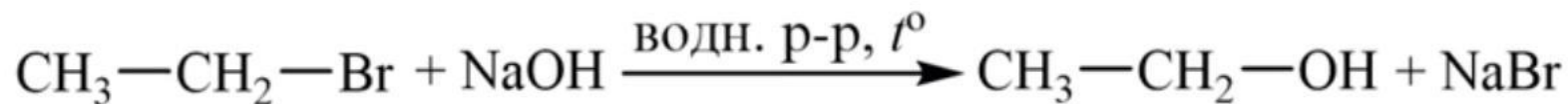
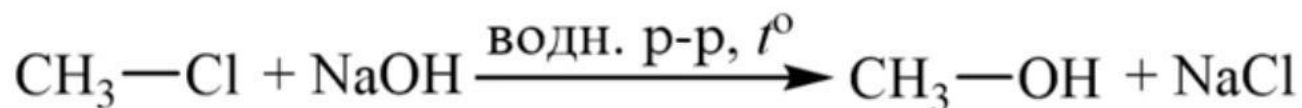


СПОСОБЫ ПОЛУЧЕНИЯ

Специфические способы получения метанола и этанола



Галогеналканы с водным раствором щелочи



Гидратация алкенов

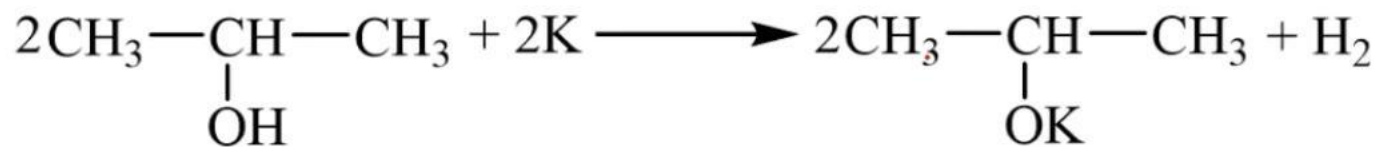
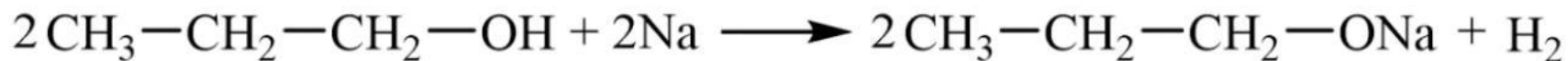
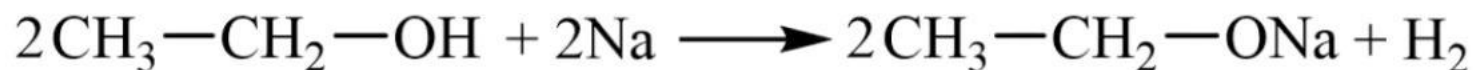
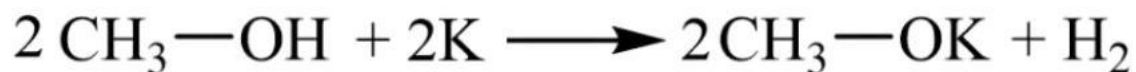
Гидрирование альдегидов и кетонов

Химические свойства

Кислотные свойства, слабее чем у

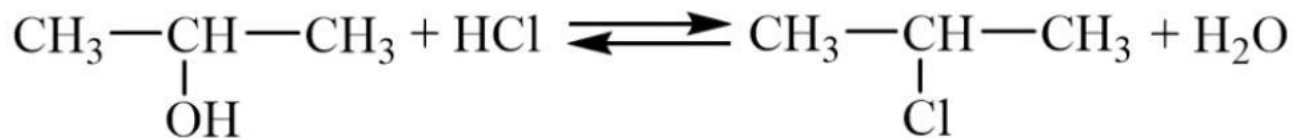
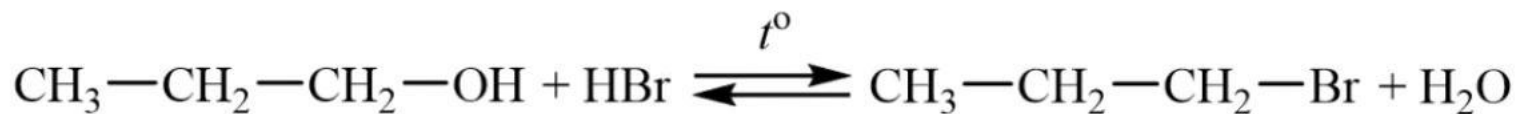
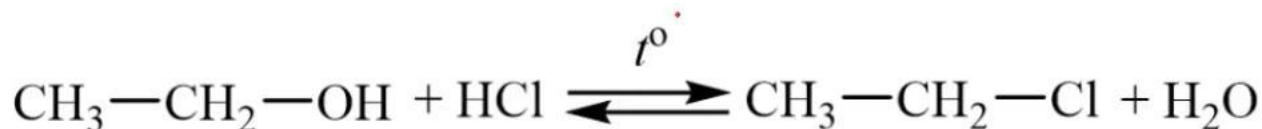
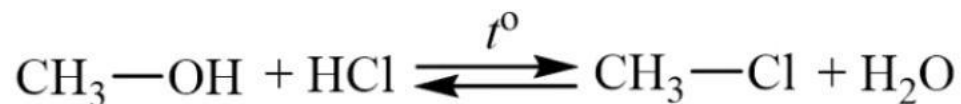
вод.

Google

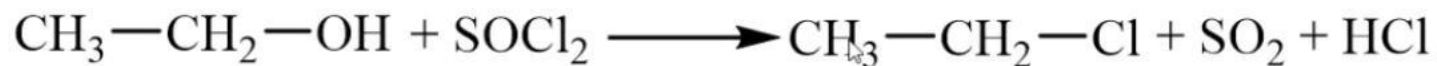


Замещение группы OH- на атом галогена

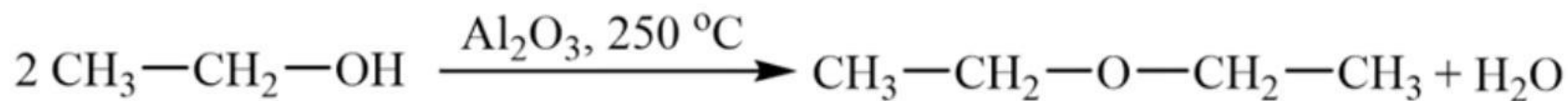
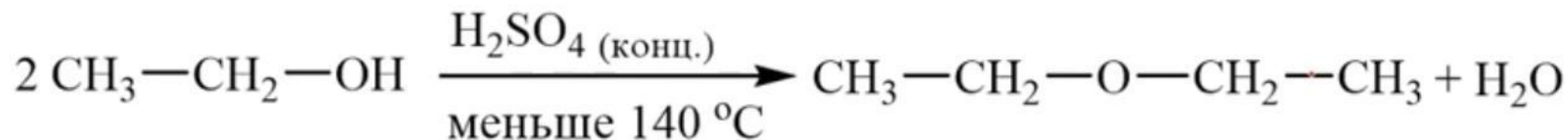
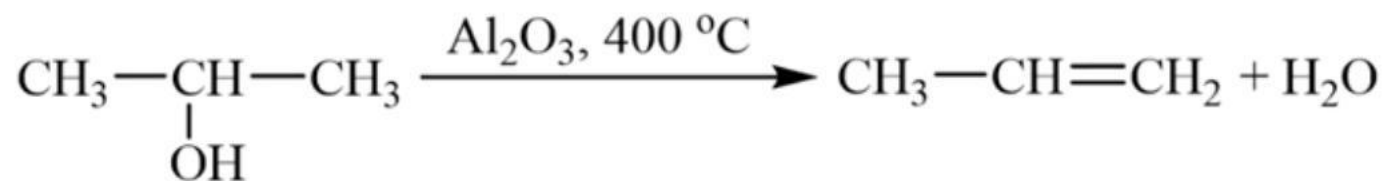
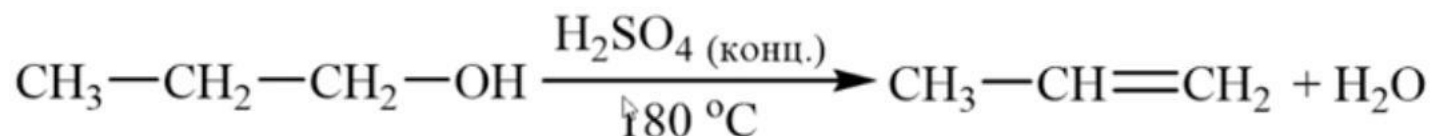
05/12



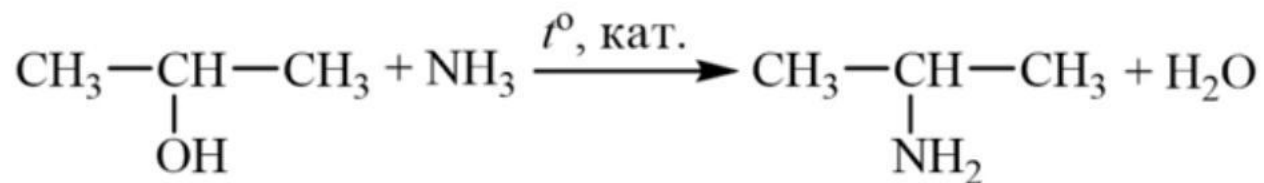
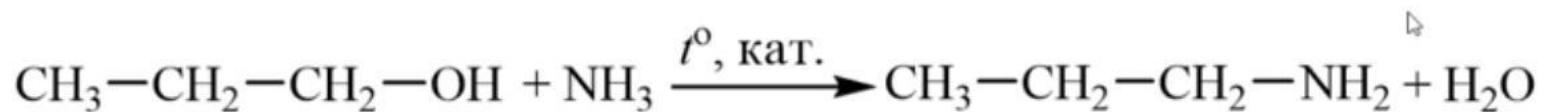
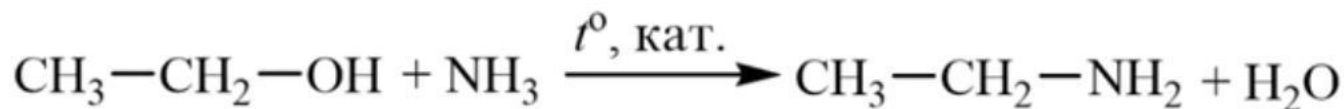
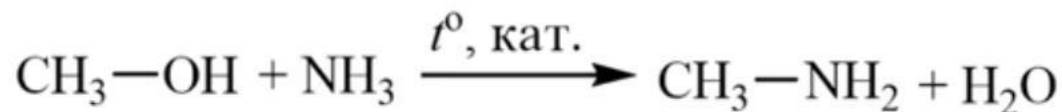
Необратимо!



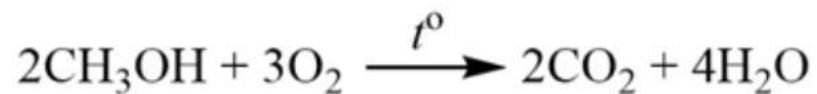
Внутримолекулярная и межмолекулярная дегидратация



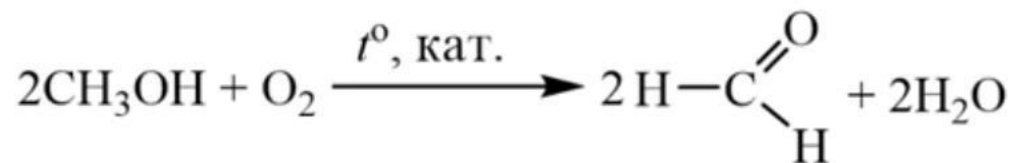
С аммиаком



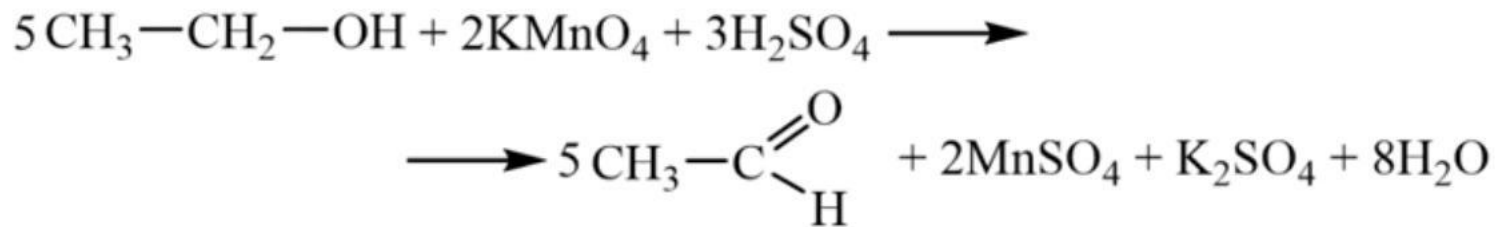
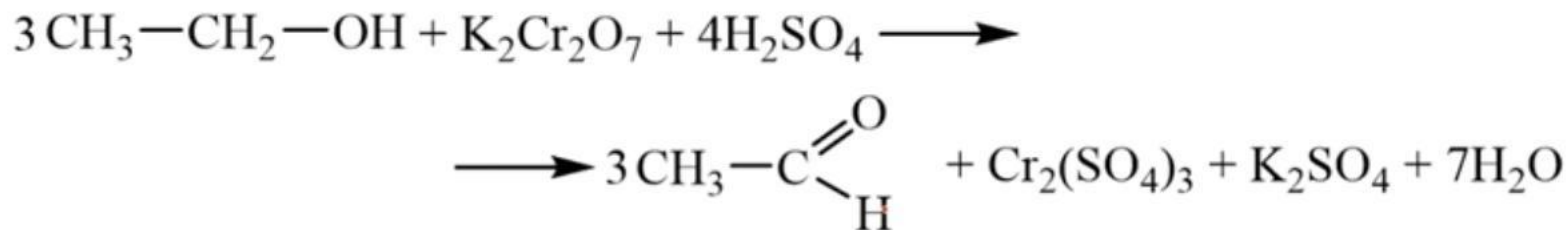
Реакции окисления



↳

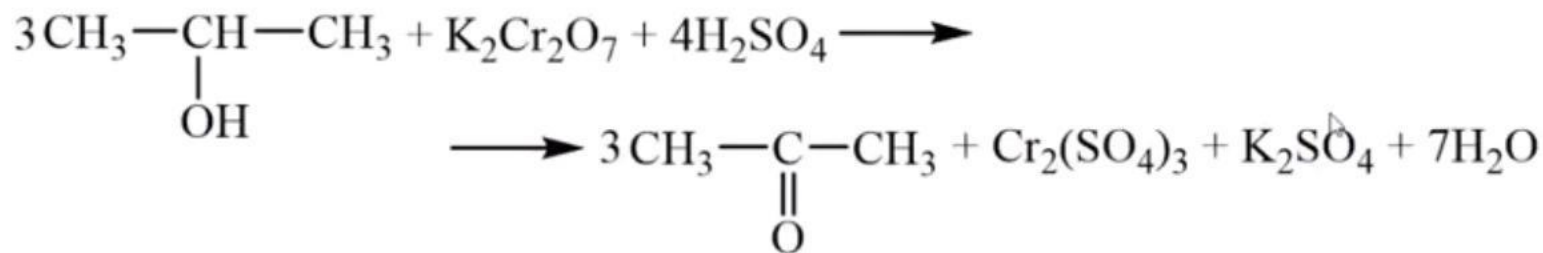
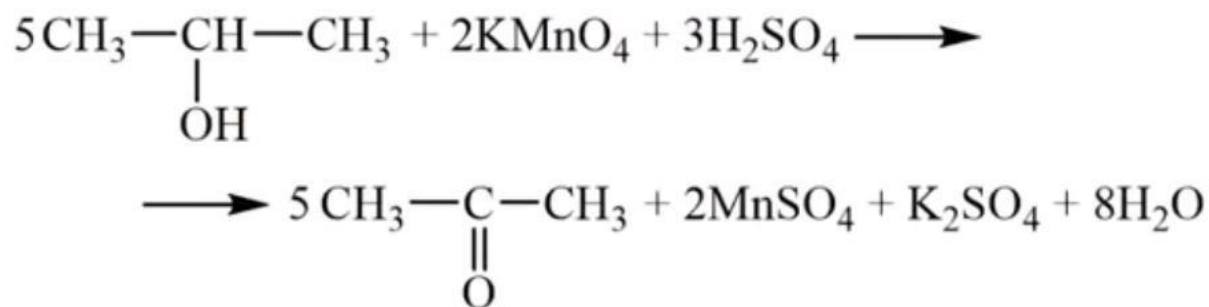


Окисление перманганатом и дихроматом калия



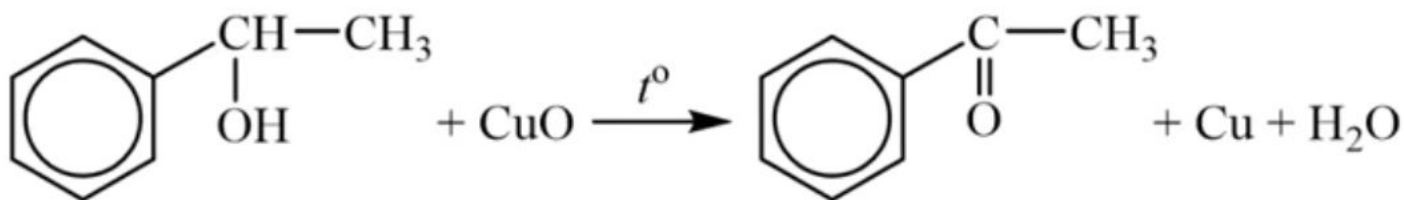
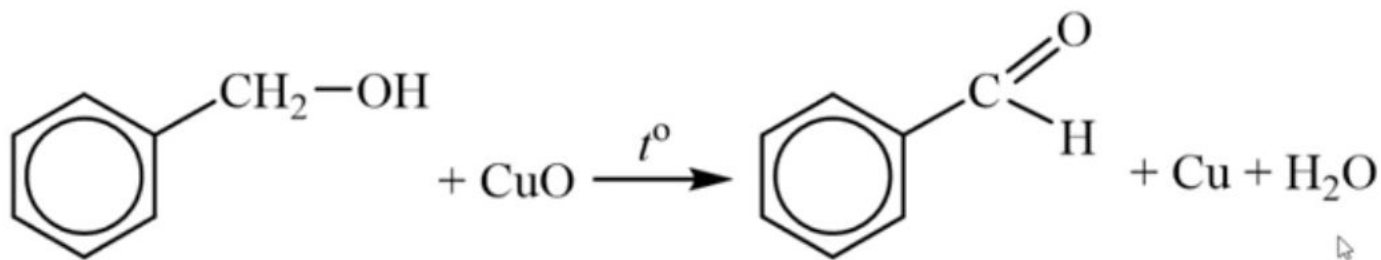
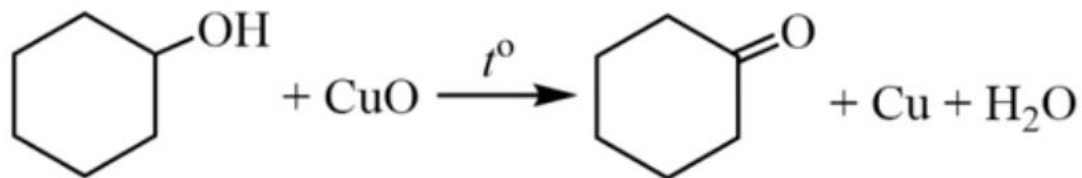
Вторичные – до кетонов

2/2/2019

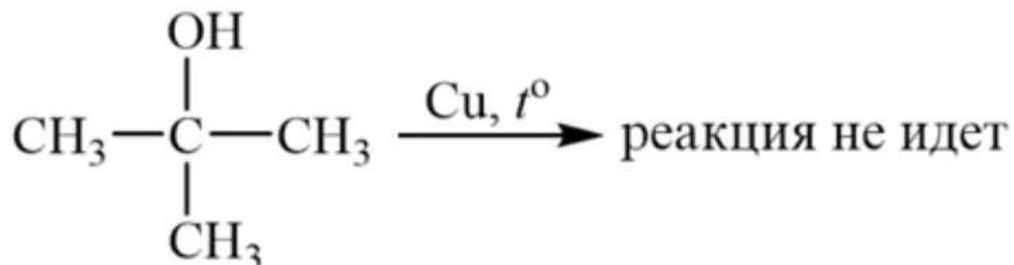
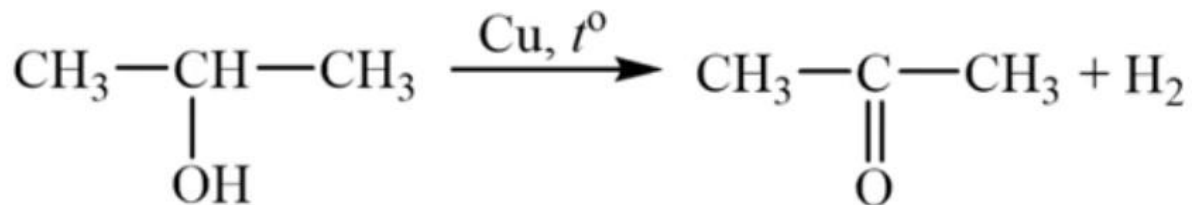
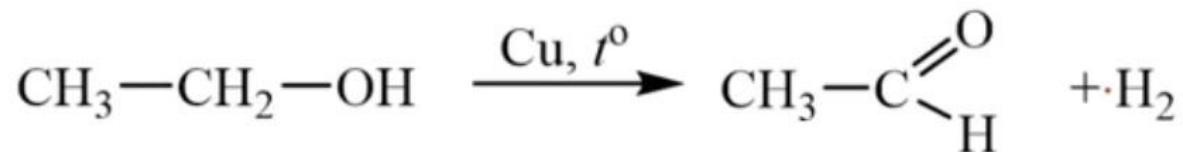
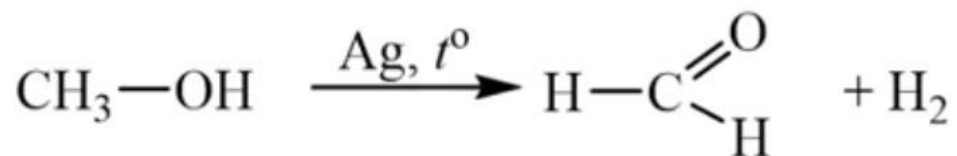


Окисление оксидом меди (II)

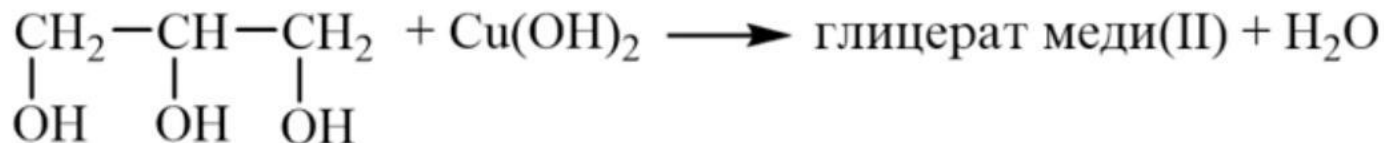
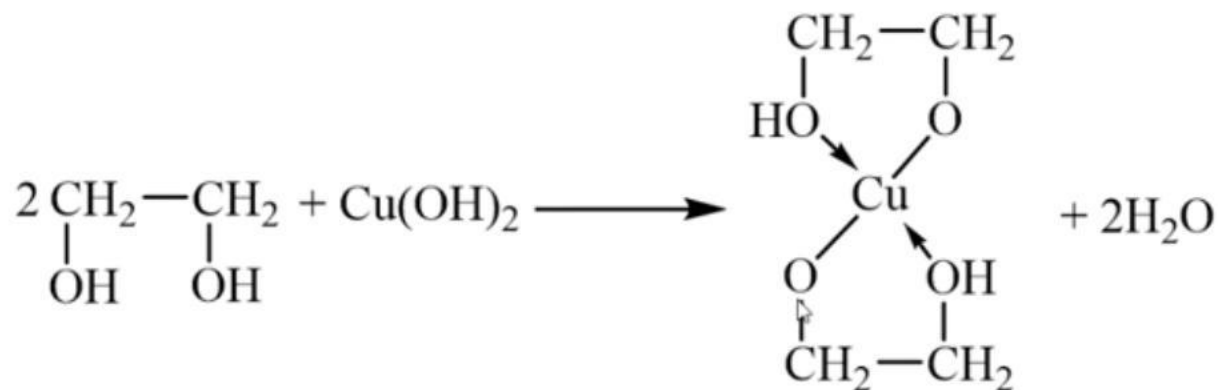
zglb



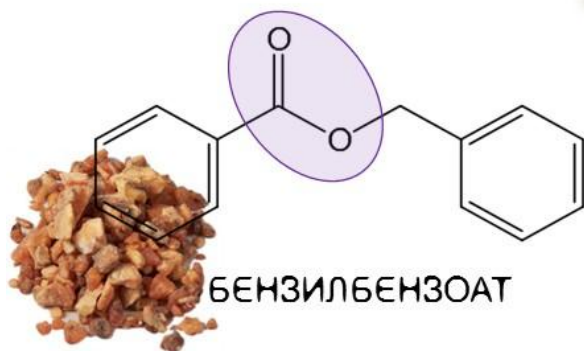
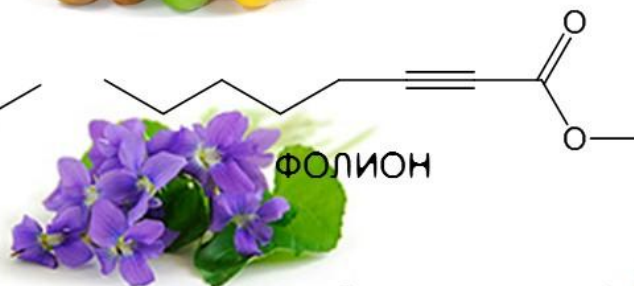
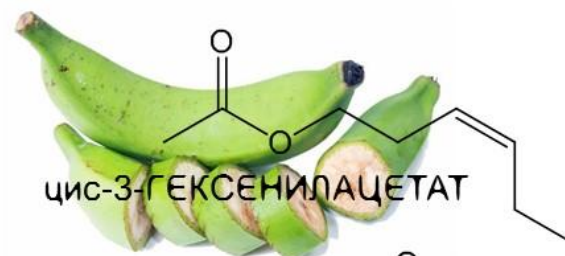
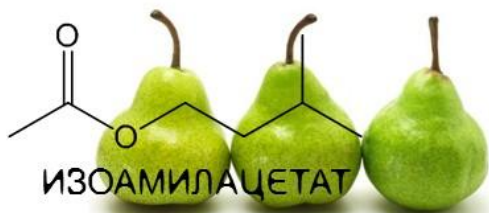
Дегидрирование

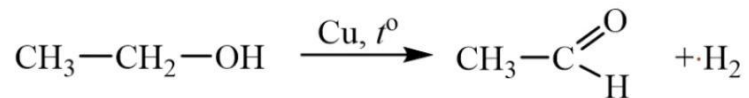
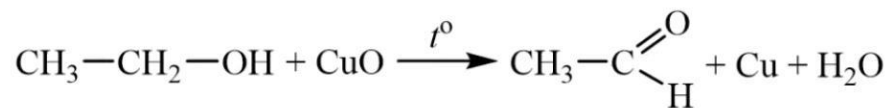
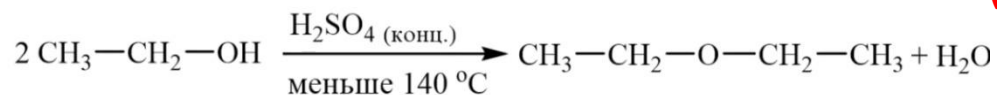
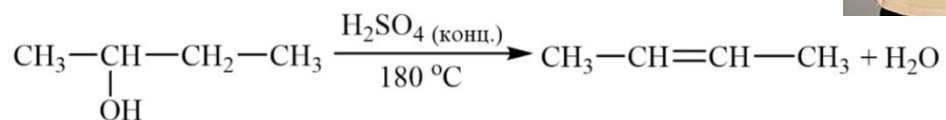
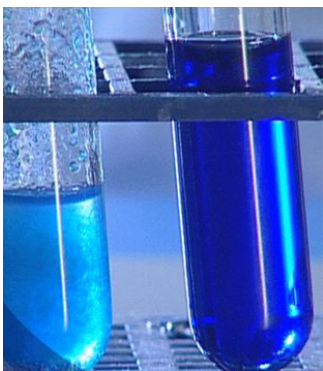


Качественная реакция на многоатомные спирты!

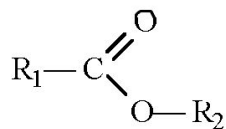


Этерификация

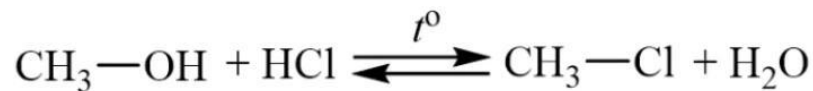




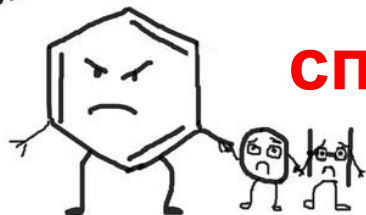
NaOH
(раствор)



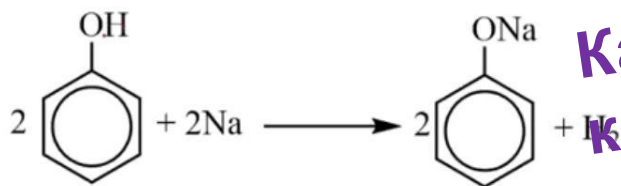
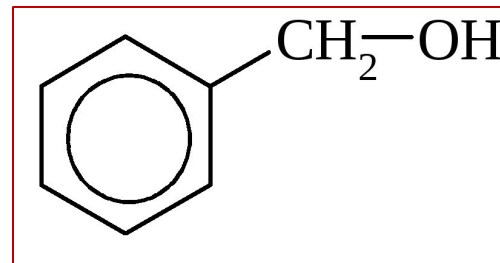
сложный эфир



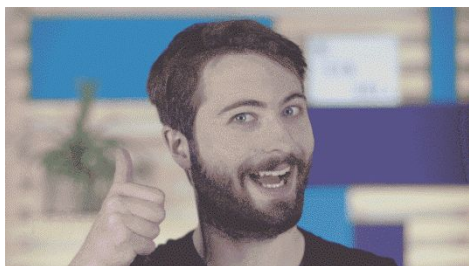
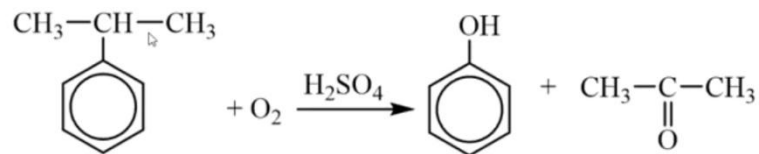
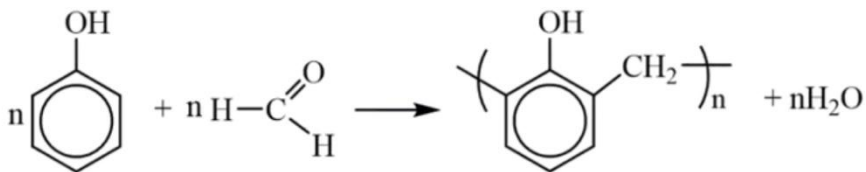
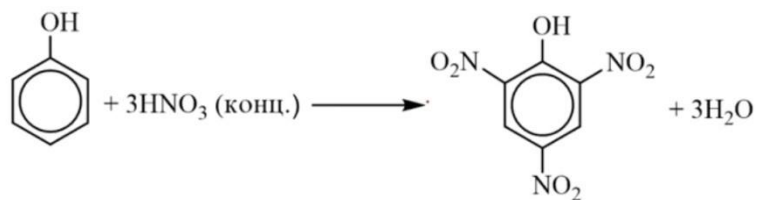
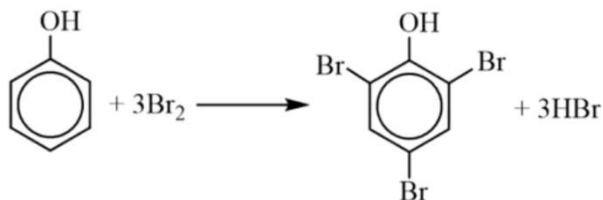
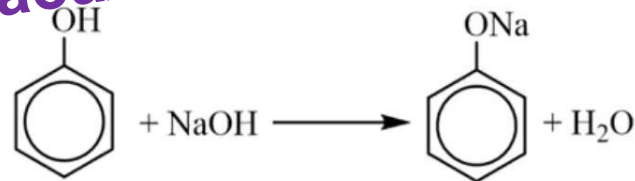
ЗЛОЙ
ФЕНОЛ
ГИДРОКСОГРУППУ
ДОМОЙ
ВЁЛ



Я не
спирт!



Карболовая слабая
кислота



Я не
спирт!
NaOH



HHal

