ATOLAGBE S ABDULBASIT

17/ENG03/011

Engineering

Civil Engineering

1

1. C8H9
2. -Organic compounds are important because we

use them as fuel.

-They are important because are used to make

medicine.

-They are important because they are used to

Make insecticide.

1. Homocyclic

They have 100% carbon in their ring.

They are divided into aromatic and alicyclic.

Heterocyclic

They Havre mainly carbon and in addition to

Hetero atoms in their rings.

They are subdivided into cyclic aromatic and

Heterocyclic.

2

1. RF of first band=2.4/12.2

=0.2

RF of second band=5.6/12.2

=0.5

RF of third band=8.9/12.2

=0.7

1. A belongs to the alkanal family.

B belongs to the alkene family.

1. It is employed in the test for alkanals

and alkanones.

1. 1. Alkene- ethene and propene

2. Alkyne- ethyne and butyne

3. Halide- bromopropane and chlorobutane

4. NO2- nitro pentane and nitro butane

5. Carboxyl group- butanoic and pentanoic acids

6. Hydroxyl group- ethanol and pentanol

7. Alkanal- butanal and pentanal