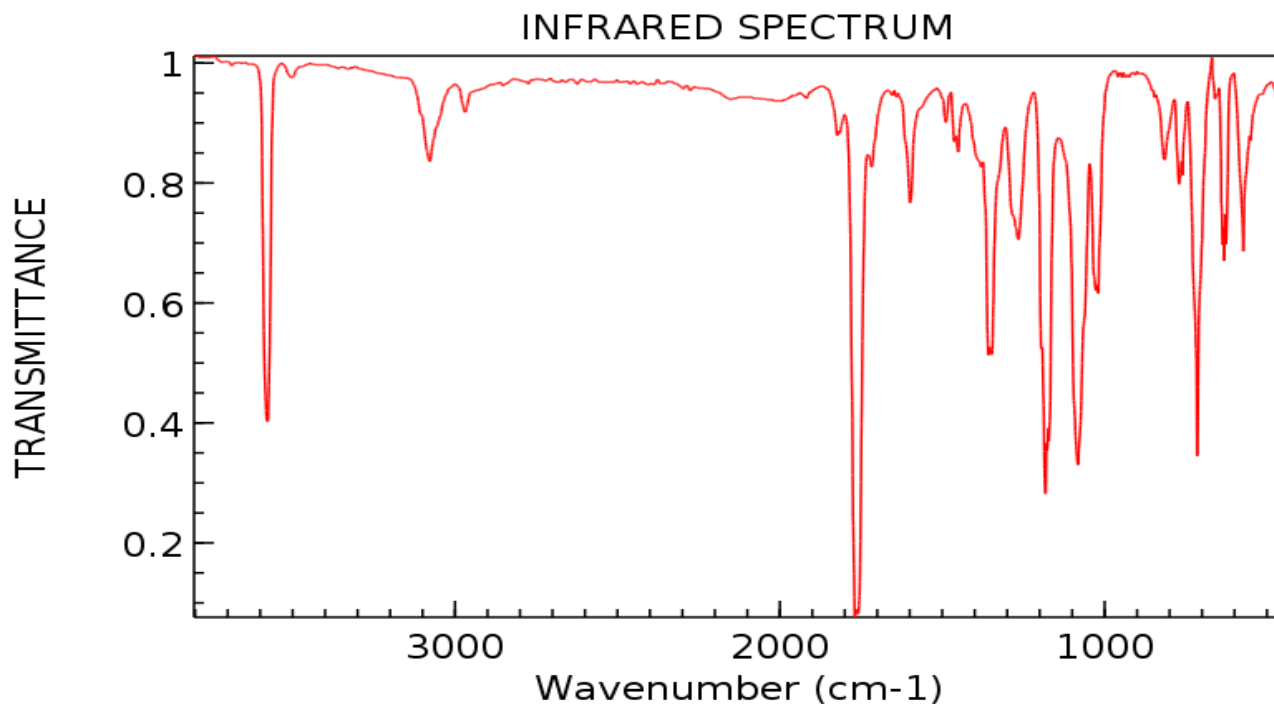


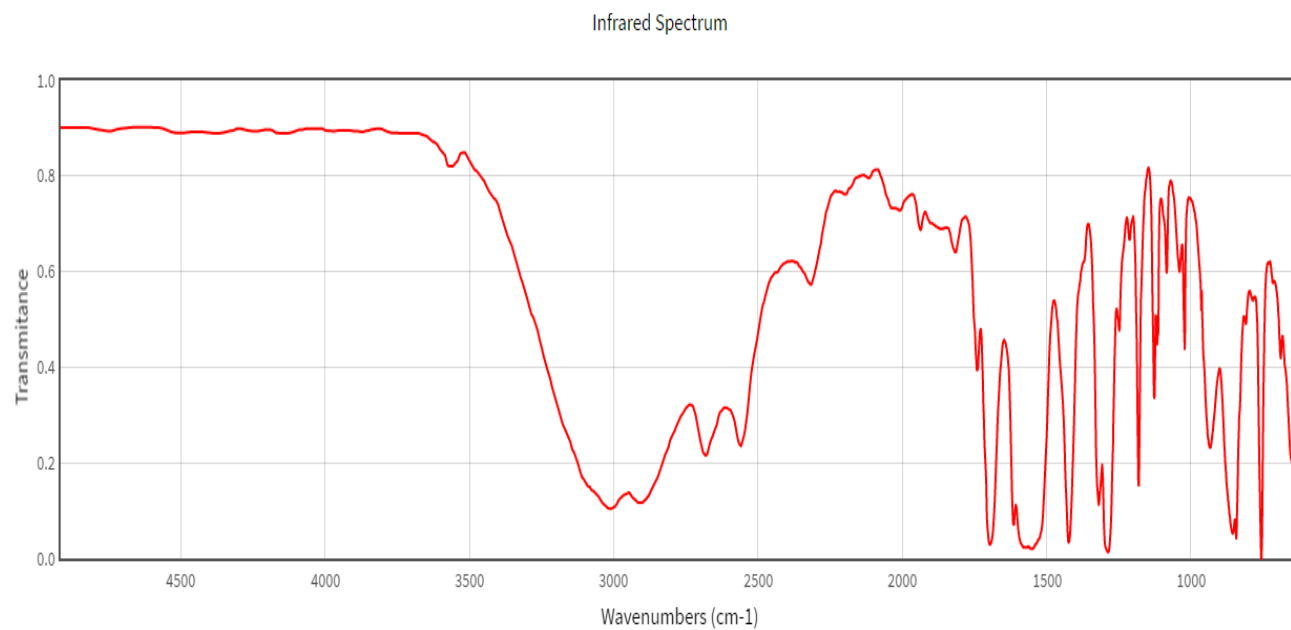
CHE320: Organic Spectroscopy [Group Assignment]

1. The following are IR of the Benzene ring derivatives; assign the FGs for the respective peaks. Assume ultrapure sample.
 2. Propose the structure and determine its λ_{\max}
 3. Each Group should attempt the respective question number corresponding to their Assignment Group number.
- =====

Q1 C₇H₆O₂



Q2 . C₈H₈O₂

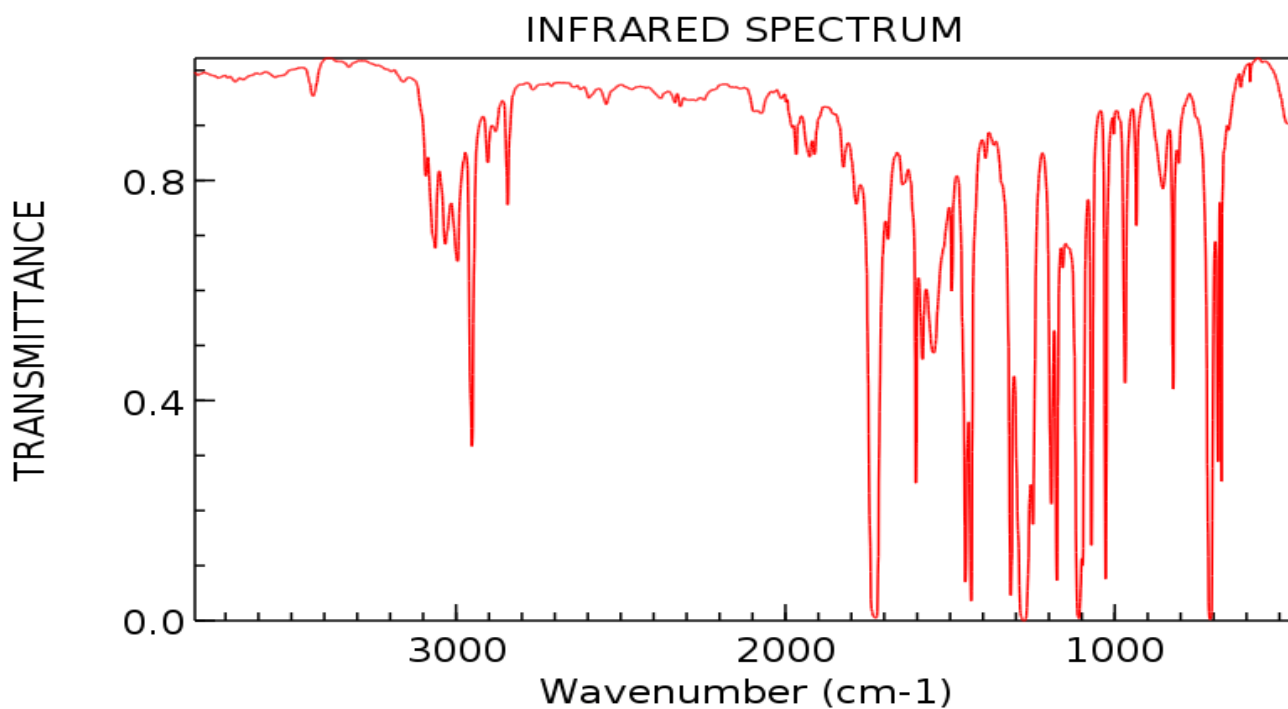


CHE320: Organic Spectroscopy [Group Assignment]

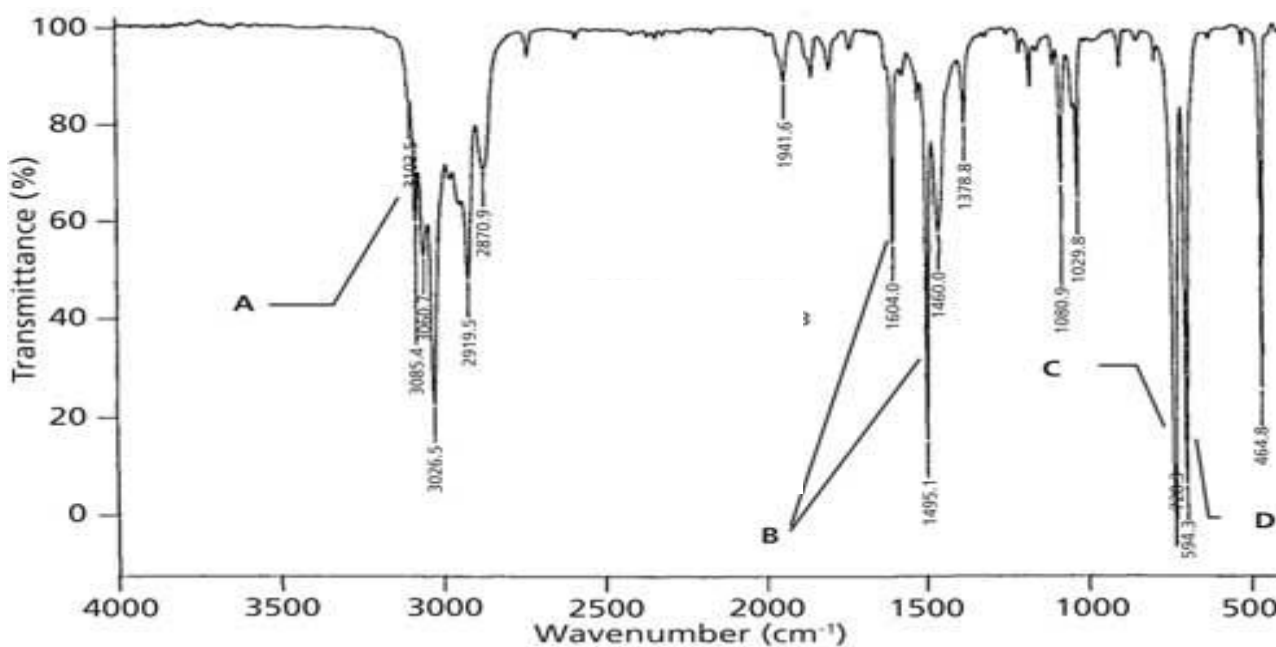
1. The following are IR of the Benzene ring derivatives; assign the FGs for the respective peaks. Assume ultrapure sample.
2. Propose the structure and determine its λ_{\max}
3. Each Group should attempt the respective question number corresponding to their Assignment Group number.

=====

Q3. C₈H₈O₂



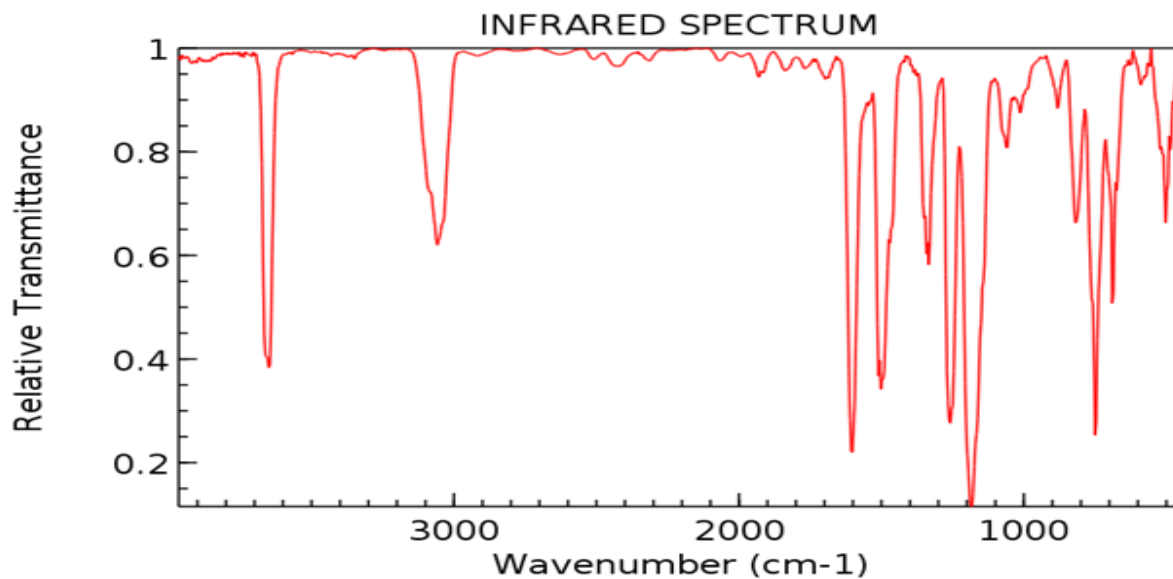
Q4 . C₇H₈



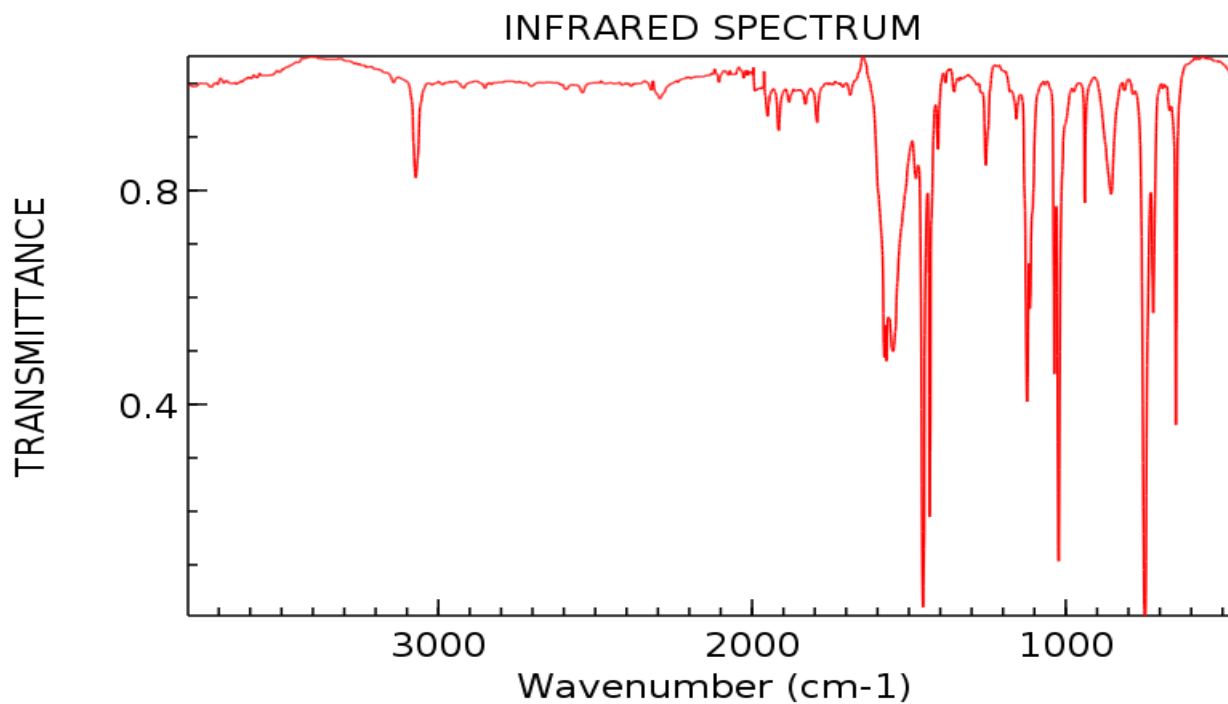
CHE320: Organic Spectroscopy [Group Assignment]

1. The following are IR of the Benzene ring derivatives; assign the FGs for the respective peaks. Assume ultrapure sample.
 2. Propose the structure and determine its λ_{\max}
 3. Each Group should attempt the respective question number corresponding to their Assignment Group number.
- =====

Q5. C₆H₆O



Q6. C₆H₄BrCl

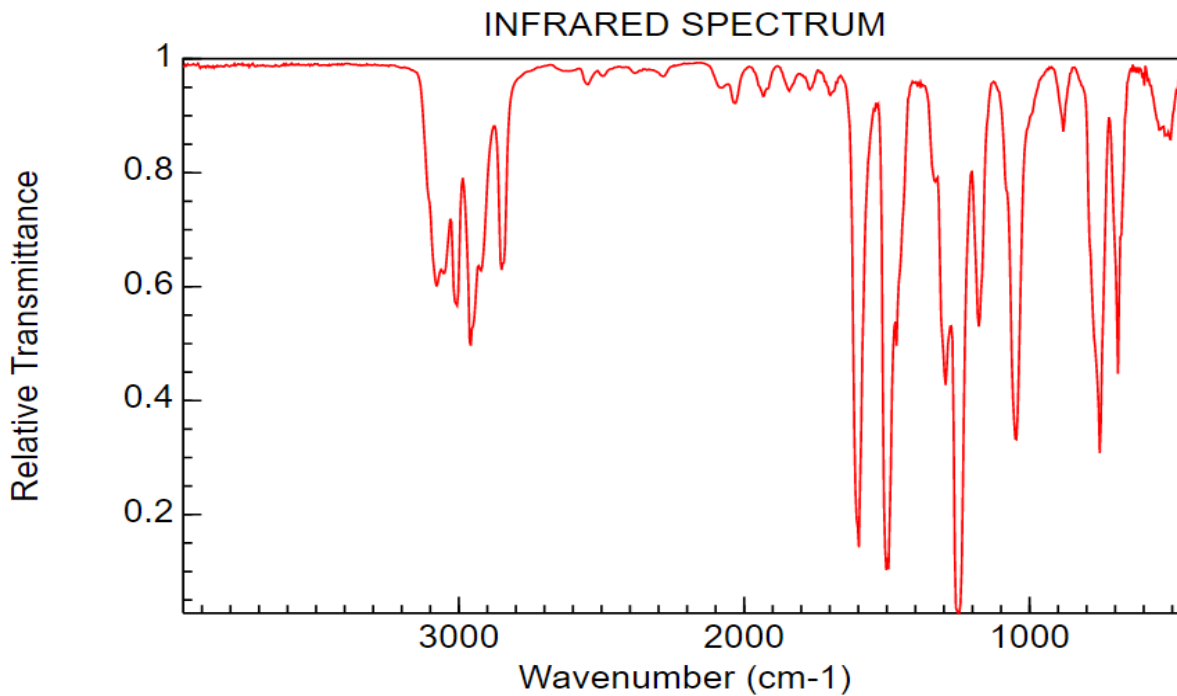


CHE320: Organic Spectroscopy [Group Assignment]

1. The following are IR of the Benzene ring derivatives; assign the FGs for the respective peaks. Assume ultrapure sample.
2. Propose the structure and determine its λ_{\max}
3. Each Group should attempt the respective question number corresponding to their Assignment Group number.

=====

Q7. C₇H₈O



Q8. C₈H₈

