

Exam #1

This is an open-book, open notes exam. Show your work, so you can receive credit for correct parts of the final molecule.

1. (20 points) C_4H_9Br

42.5, t
30.7, d
21.0, q (2)

2. (40 points) $C_8H_{16}O$

141.4, d
114.4, t
73.2, d
37.0, t
31.8, t
25.0, t
22.6, t
14.0, q

3. (40 points) C_5H_9N

127.1, d
125.6, d
45.0, t
43.1, t
25.9, t