

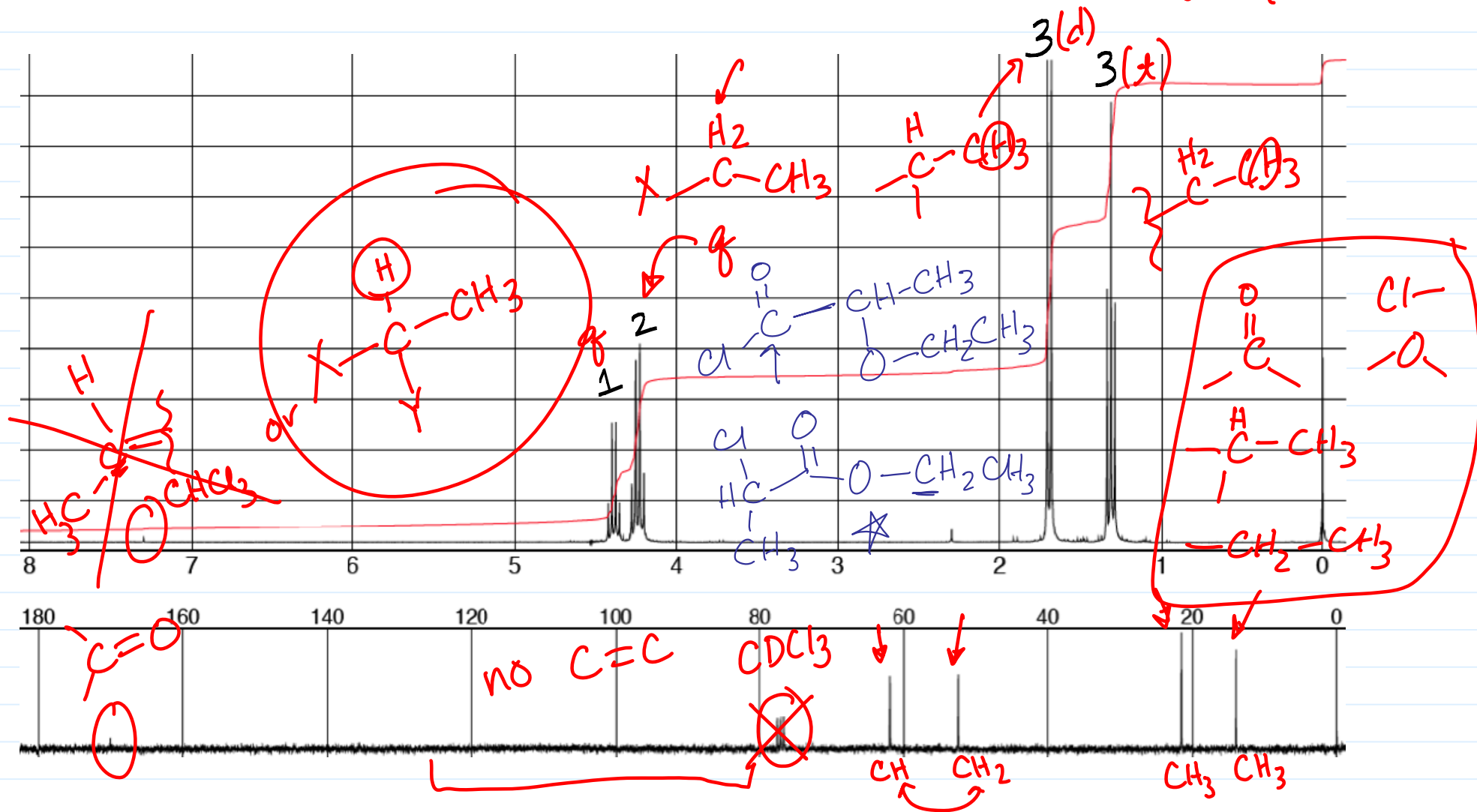
Spectroscopy - Final Examples

Note Title

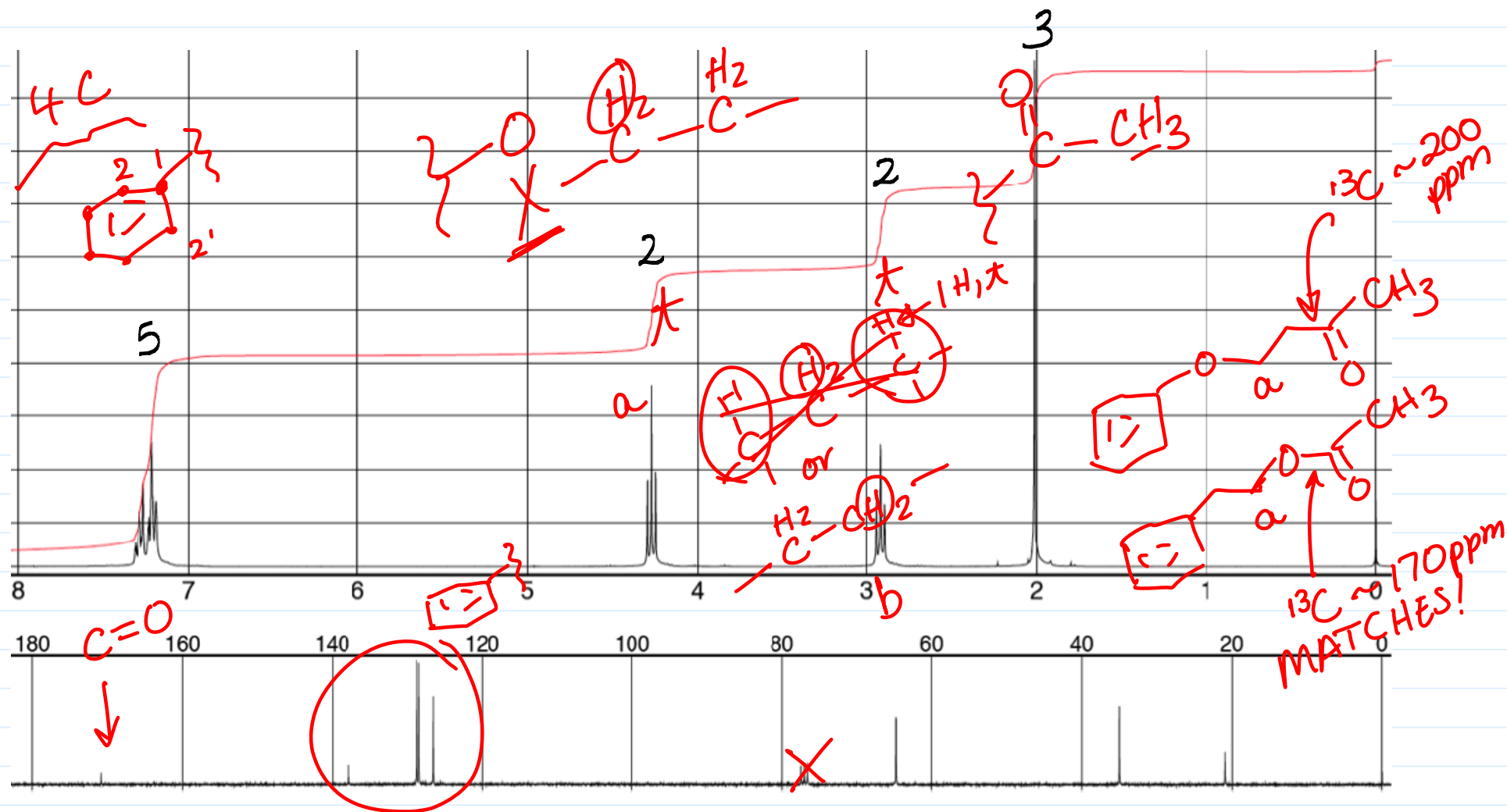
3/24/2014

- Announcements:
- (1) Go to discussion section! (^1H NMR + Combination Problems)
 - (2) Regraded exams will be available after class.
 - (3) No office hour this Thursday.
 - (4) TODAY: (1) NMR examples
(2) Carbonyl Chemistry 😊

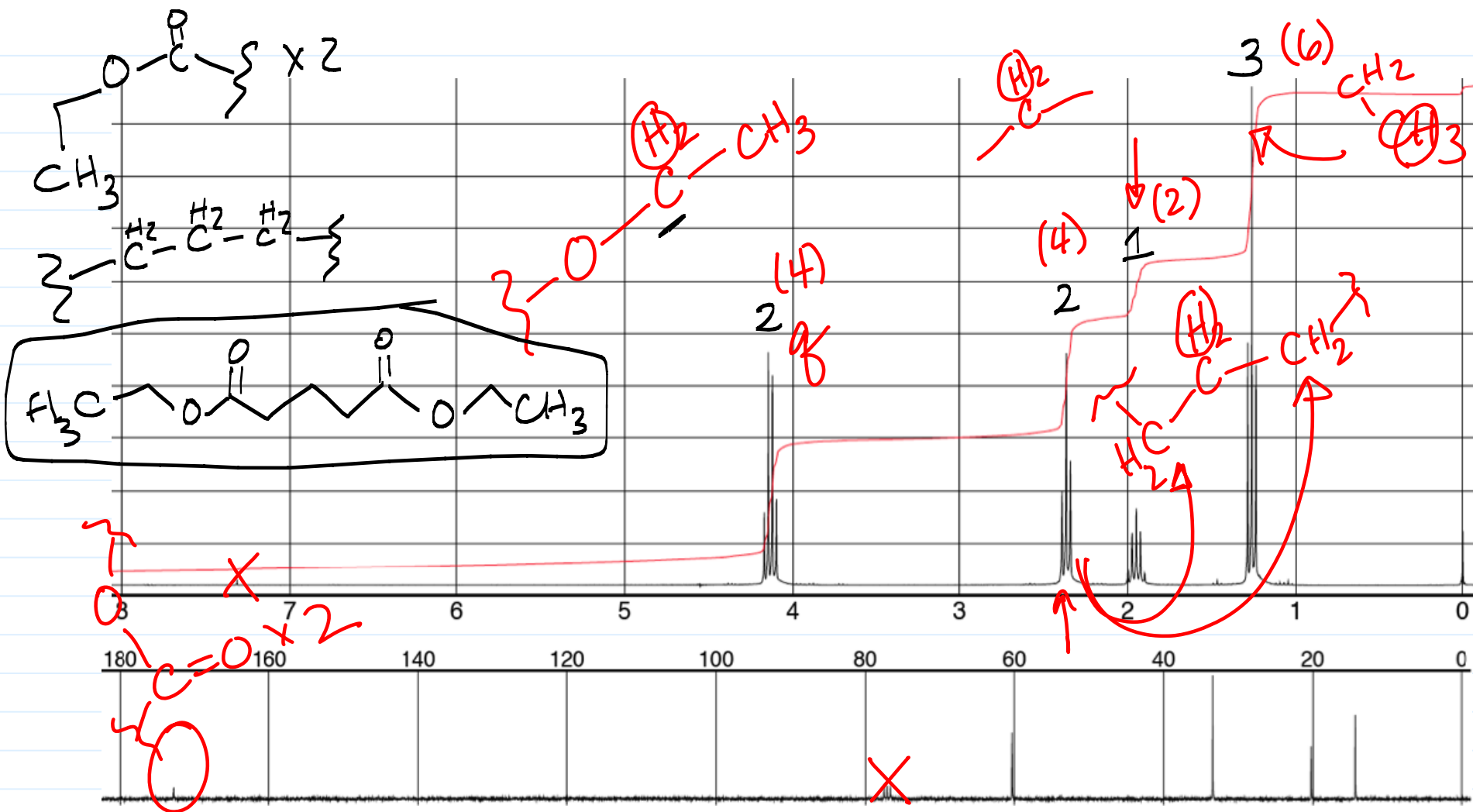
Unknown #1: $C_5H_9O_2Cl \rightarrow C_5H_{10}$ vs. $C_5H_{12} \rightarrow$ 2 missing H's
 1 degree of unsat.



Unknown # 2: $C_{10}H_{12}O_2 \rightarrow C_{10}H_{12}$ vs. $C_{10}H_{22} \rightarrow 5$ degrees of unsat.



Unknown #3: $C_9H_{16}O_4 \rightarrow C_9H_{16}$ vs. C_9H_{20} : 2° unsat.



Unknown #4: $C_6H_{14}O \rightarrow C_6H_{14} \Rightarrow 0^\circ \text{ unsat.}$

