The term “carbon capture” refers to trapping CO₂ from a reaction or the atmosphere. One C and two O’s have been “trapped” in the words below. Can you use the clues to fill in the rest of the letters?

1. Solar energy converter in plants: C __ __ O __ O __ __ __ __ __
2. Element 115: __ O __ C O __ __ __ __
3. Substance composed of two or more elements chemically bonded together:
   C O __ __ O __ __ __
4. Na₂CO₃: __ O __ __ __ __ C __ __ __ O __ __ __ __
5. CuBr₂: C O __ __ __ (__ __) __ __ O __ __ __ __
6. 1s, 2p, 3d, 4f, etc.: __ __ O __ __ C O __ __ __ __ __ __
7. How Na and Cl are connected in salt: __ O __ __ C __ __ O __ __
8. Exothermic reaction that converts fuels into carbon dioxide and water:
   C O __ __ __ __ __ __ O __
9. Tiny cylinders of element 6: C __ __ __ O __ __ __ __ __ __ O __ __ __ __ __ __
10. Main component of glass: __ __ __ C O __ __ __ __ O __ __ __ __
11. Common salt substitute: __ O __ __ __ __ __ __ __ C __ __ O __ __ __ __
12. Separation technique involving mobile and stationary phases:
   C __ __ O __ __ __ O __ __ __ __ __
13. Ethanol, for example: __ __ C O __ O __
14. Scale good to 0.01 g: __ O __ __ O __ __ __ __ __ __ __ __ __ __ __ __ __ C __
15. Like a molecule comprised of both carbon and iron or gold atoms:
   O __ __ __ O __ __ __ __ __ __ __ C
The term “carbon capture” refers to trapping CO₂ from a reaction or the atmosphere. One C and two O’s have been “trapped” in the words below. Can you use the clues to fill in the rest of the letters?

1. Solar energy converter in plants: Chlorophyll
2. Element 115: Moscovium
3. Substance composed of two or more elements chemically bonded together: Compound
4. Na₂CO₃: Sodium carbonate
5. CuBr₂: Copper(II) bromide
6. 1s, 2p, 3d, 4f, etc.: Atomic orbitals
7. How Na and Cl are connected in salt: Ionic bond
8. Exothermic reaction that converts fuels into carbon dioxide and water: Combustion
9. Tiny cylinders of element 6: Carbon nanotubes
10. Main component of glass: Silicon dioxide
11. Common salt substitute: Potassium chloride
12. Separation technique involving mobile and stationary phases: Chromatography
13. Ethanol, for example: Alcohol
14. Scale good to 0.01 g: Top-loading balance
15. Like a molecule comprised of both carbon and iron or gold atoms: Organometallic