How to Changing solvent

When changing solvent type, if there is no compatibility between the current and new solvents, always replace the solvent in the flow line with fluid compatible with both solvents, such as methyl alcohol, prior to replacing with the desired solvent.

The following procedures are shown as an example of changing $CHCL_3$ to MeOH (70%) + H_2O (30%).

Changing solvent
1) Remove the column and connect the INLET and OUTLET ports with a shortcut pipe.
2) Fill a solvent bottle with 100% MeOH.
3) Purge the pump to remove air.
4) Set the injector at the INJECT position. Clean the flow line at a flow rate of around 4 ml/min consuming approximately 50 ml of the solvent.
5) Turn on the purge switch of the RI detector.
6) The purging stops after one minute.
7) Press the RECYCLE switch to clean the recycle flow line for 30 sec.
8) Mix sufficiently boiled water and ultrasonically degassed MeOH in the prescribed ratio to prepare the desired solvent. Fill the solvent bottle with this solvent.
9) Repeat steps 3) through 8).
10) Connect the column. Check the set flow rate and start the pump.