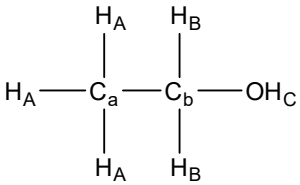
Advanced tabulation of a multitude of spectra is best done by combining ^{1}H-based data separately from ^{13}C-based data. These examples are more sophisticated than the tables you've previously completed. Not all data columns apply to every problem, so eliminate any blank columns when you re-write this information into your report.

Table 1: ^{1}H and COSY NMR of ethanol in $CDCl_3$ (see appendices 1-2)

Shift (ppm) multiplicity, coupling(Hz), relative integration	COSY shows correlation to protons at δ (ppm)	Assignment	Reference Values
1.27 t, $^{3}J_{AB}$ = 7, 3*H*	3.7 (H_B)	A	1.2t [2]
1.51 s	-	water in $CDCl_3$	1.56 [1]
3.73 q, $^{3}J_{BA}$ = 7, 2*H*	1.3 (H_A)	B	3.7m [2]
3.90 s, 1*H*	-	C	3.4t [2]
7.24 s	-	$CHCl_3$ in $CDCl_3$	7.261



A diagram of the molecule should be on the same page as the data table(s). Repeat the diagram if tables span several pages; facing page is sufficient if report is printed 2-sided.

Table 2: ^{13}C, DEPT-135 and 2D NMR of ethanol in $CDCl_3$ (see appendices 3-6)

Shift (ppm) multiplicity, coupling (Hz), DEPT phase	2D spectra shows correlation to protons at δ (ppm), assignment		Assignment	Reference Values
	HMQC ($^{1}J_{CH}$)	HMBC ($^{3}J_{CH}$)		
18.42 s, ↑	1.3, H_A	3.9, H_C	a	18.13 [3]
58.34 s, ↓	3.7, H_B	-	b	57.79 [3]
77.11 t, $^{1}J_{CD}$ = 32, x	-	-	$CDCl_3$	77.16 [1]

DEPT phase legend: ↑ positive, ↓ negative, x absent

References:

1. Chem 213 manual, University of Victoria, 2018, pages 76-79.
2. Sigma-Aldrich, http://www.sigmaaldrich.com/spectra/fnmr/FNMR004114.PDF, June 18, 2019
3. SDBS, https://sdbs.db.aist.go.jp/sdbs/cgi-bin/direct_frame_top.cgi, June 18, 2019

Appendices:

A list of appendices is not required, but a number and title should appear at the top of the first page of each appendix; subsequent pages within that appendix do not need a title.

1. ^{1}H NMR of ethanol (include original spectrum and relevant expansions)
2. COSY NMR of ethanol
3. $^{13}C\{^{1}H\}$ NMR of ethanol (include original spectrum and relevant expansions)
4. DEPT-135 NMR of ethanol (include original spectrum and relevant expansions)
5. HMQC NMR of ethanol
6. HMBC NMR of ethanol