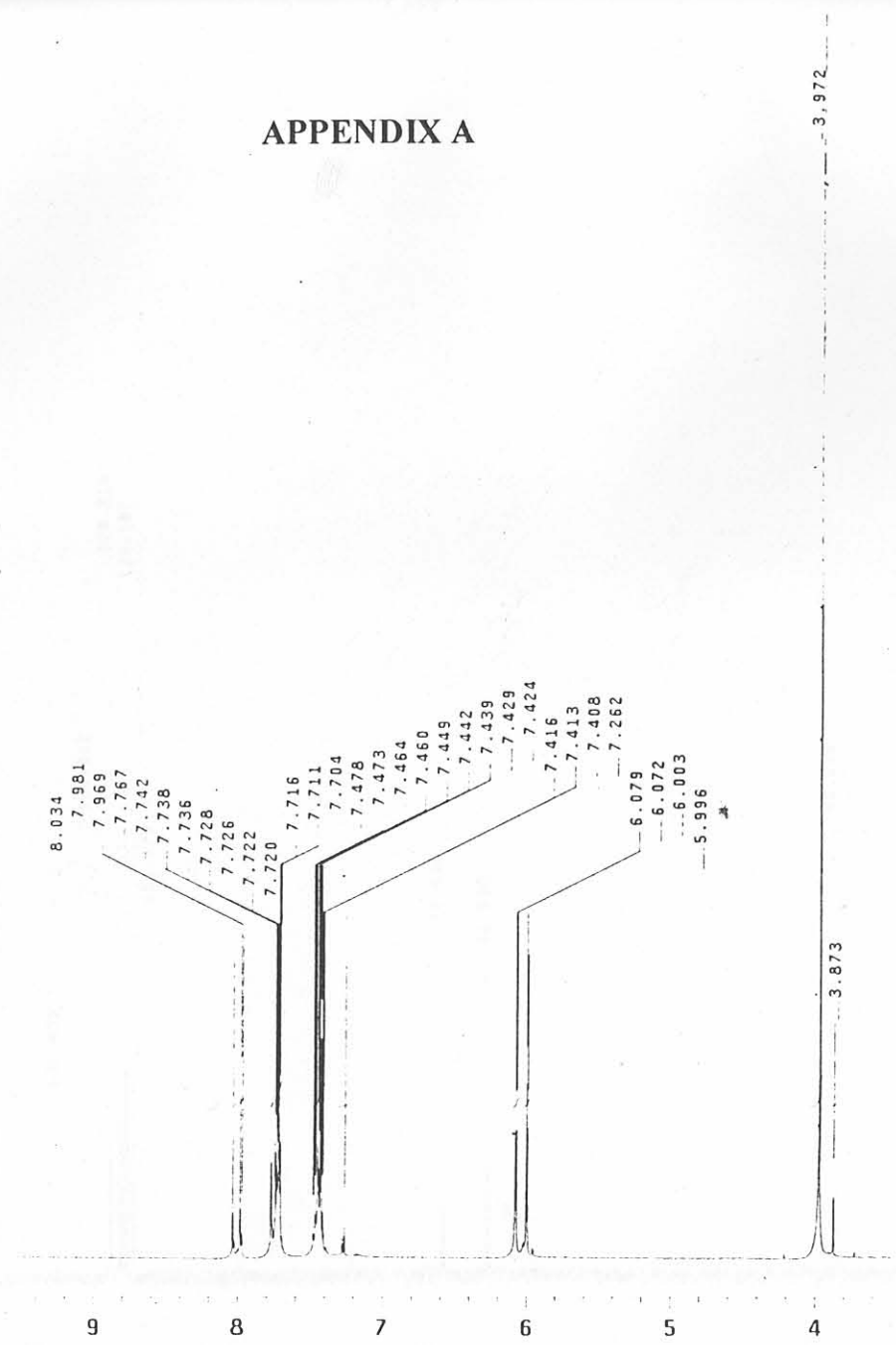
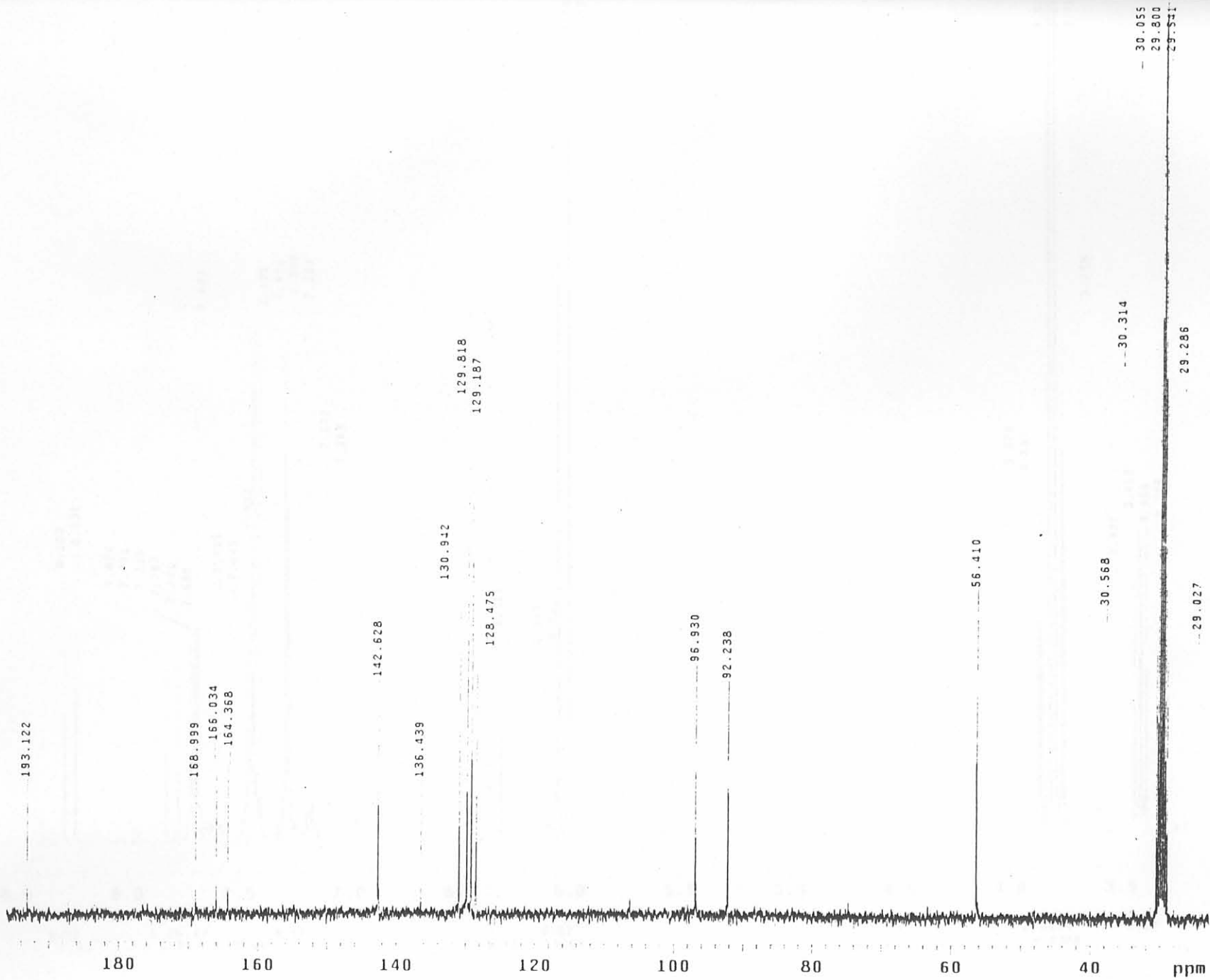
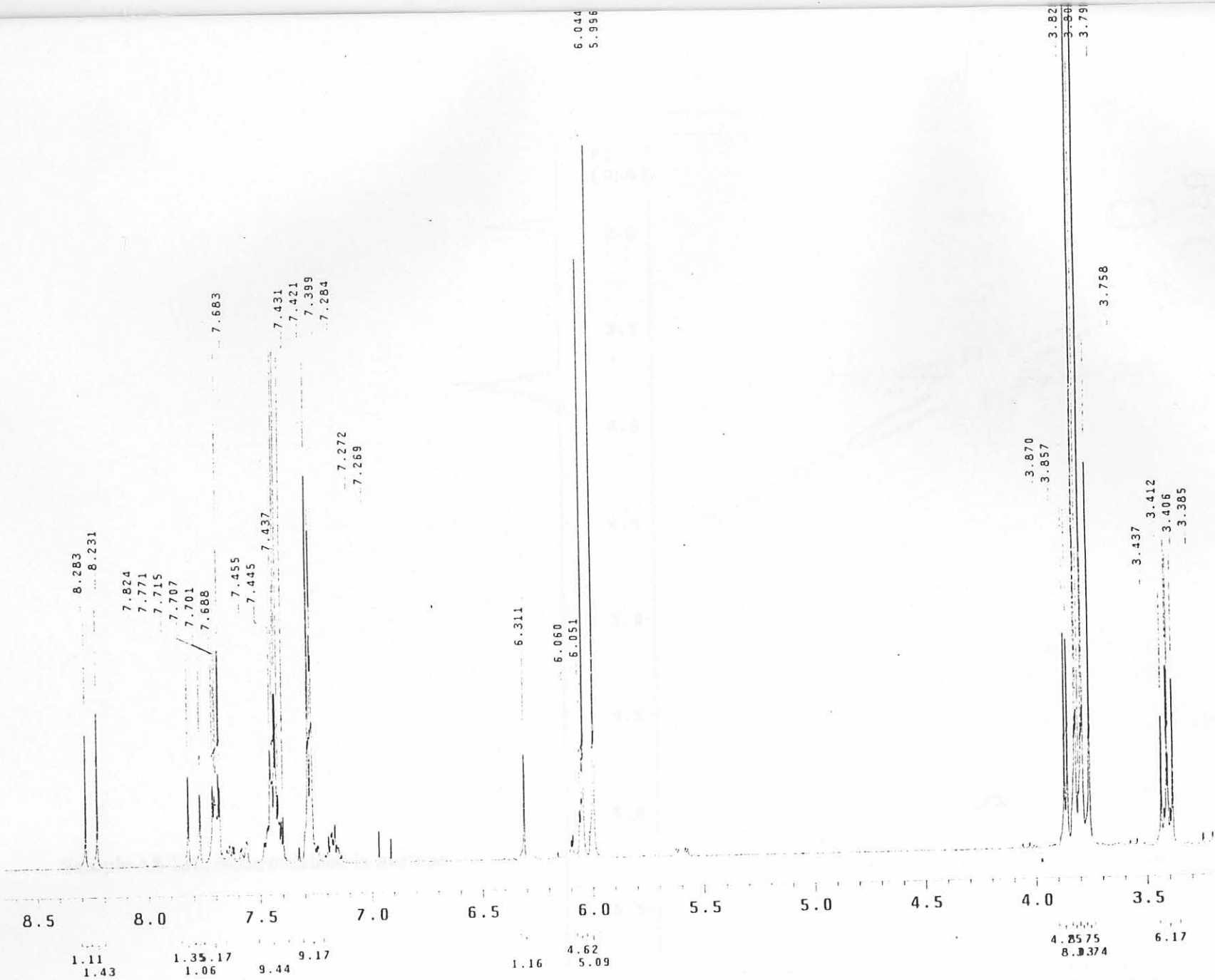


APPENDIX A

Sample AS-1 Mass spectrum

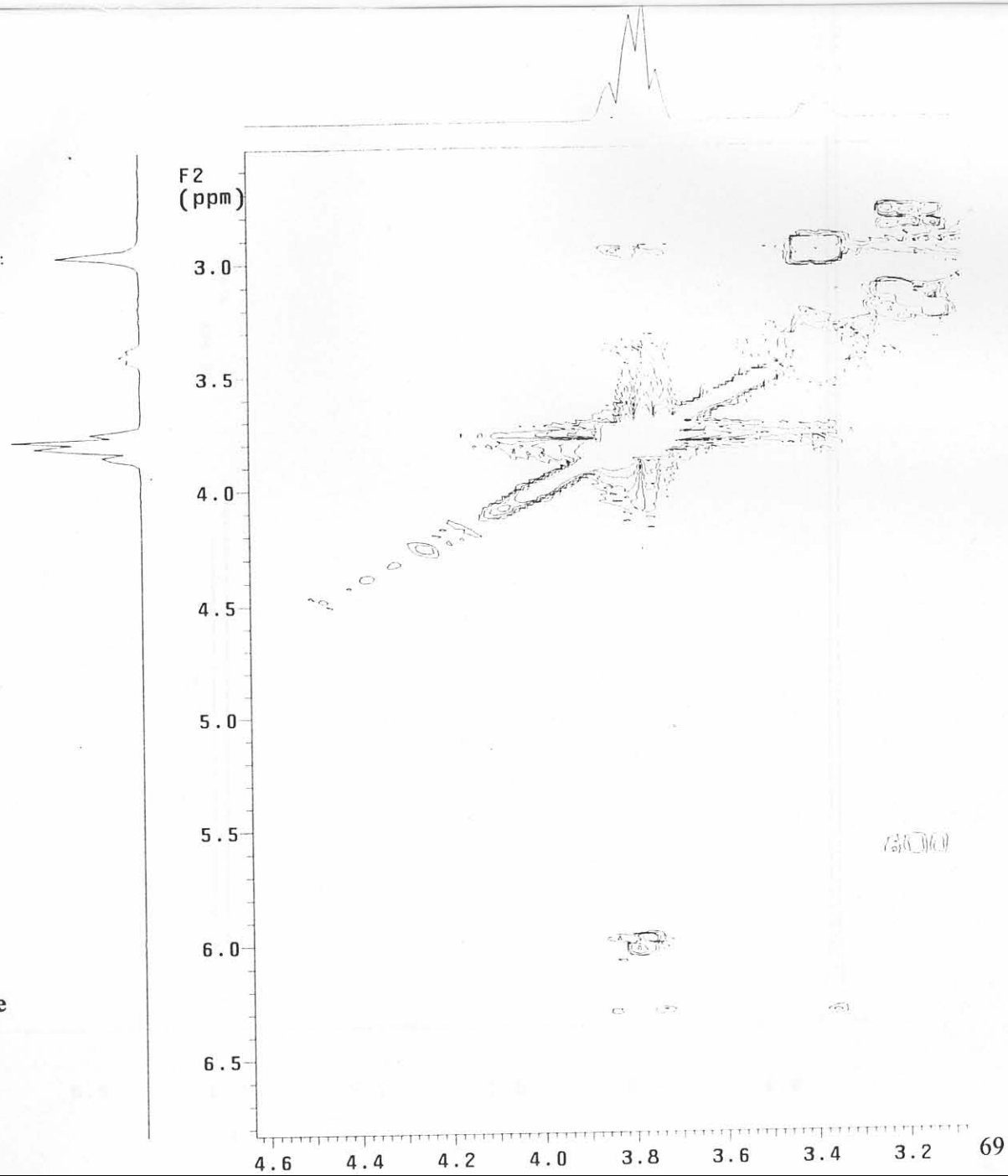


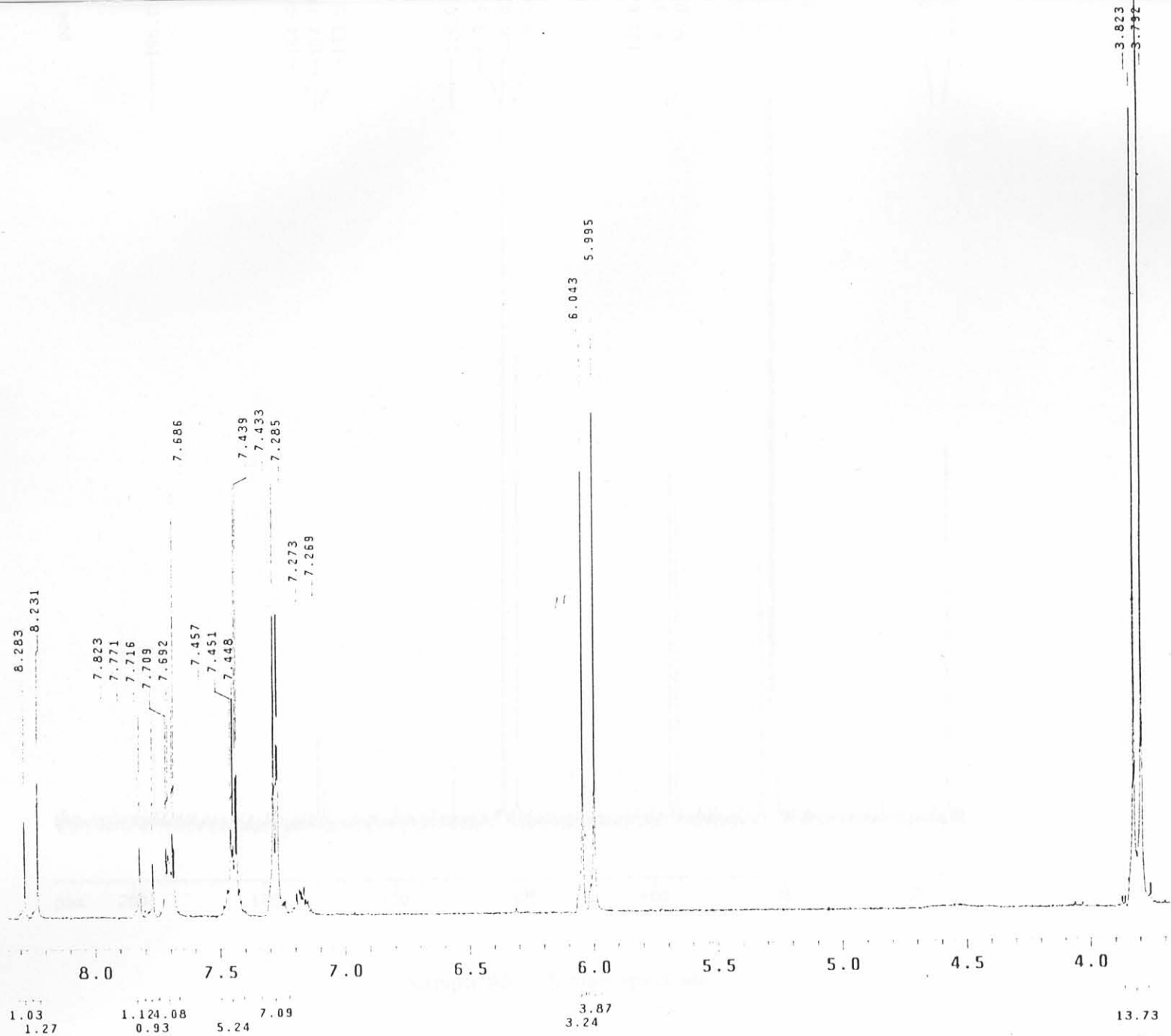


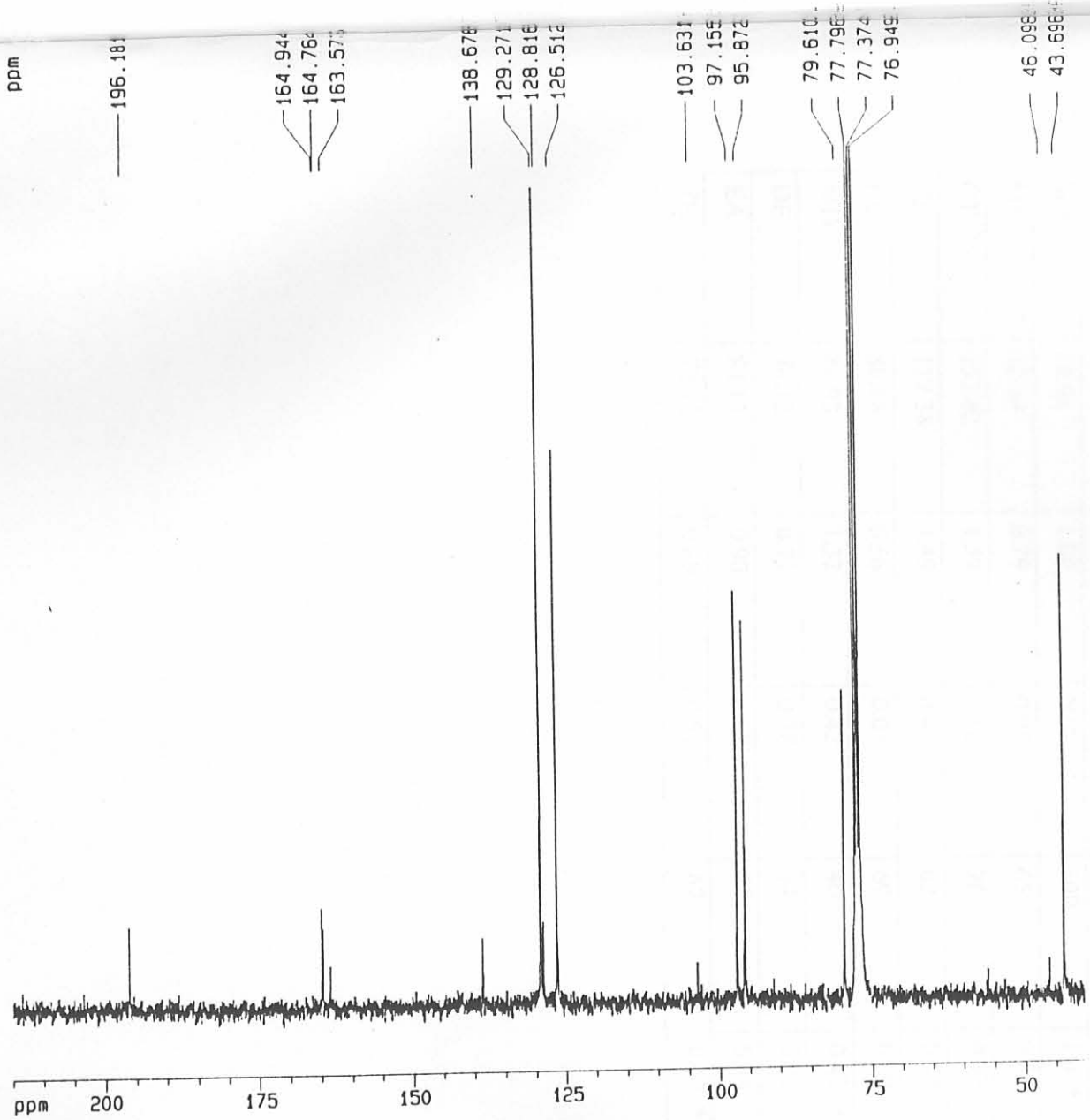


AS-13b, ¹H-NMR spectrum obtained in acetone

Sample AS-13b, Mass obtained in acetone







Sample AS-130, mass spectrum

APPENDIX B

Molecular properties of solvents (All at 25 °C except those marked with *asterisks* which were at 20°C). Hexane (HE), Isopropyl ether (IE), Ethyl ether (EE), Ethylene dichloride (MD), Ethyl acetate (EA), Tetrahydrofuran (TH), Acetone (AC), Methanol (ME), Ethanol (ET) and Water (WA).

	MW (g/mol)	Density(kg/	Polarity	BP	Viscosity
AC	58.08	0.79	0.56	56	0.31
ET	46.07	0.79	0.88	78	1.2 *
WA	18.02	1.00	N/A	100	1.0 *
ME	32.04	0.79	0.95	65	0.55
CT	153.82	1.59	0.18	76	0.97 *
CF	119.38	1.49	0.4	62	0.54
HE	86.18	0.66	0.01	69	0.29
MD	84.93	1.32	0.42	40	0.43 *
DE	74.12	0.71	0.38	34	0.22
EA	88.12	0.90	0.58	77	0.44
TH	72.12	0.89	0.57	67	0.47 *