Molecule	Name	Transition	Frequency	E_u	Intensity	Velocity	V_{lsr}	Peak / rms
HC_3N	Cyanoacetylene	$J = 38 - 37$	345.60901	323.4915	21.2643	9.0408	8.0	35.7027
$t - HCOOD$	Formic Acid	$21_{8,13} - 22_{7,16}$	345.63774	410.7233	2.5643	8.2591	8.0	4.3054
$s - H_2CCHOH$	Vinyl Alcohol	$18_{2,17} - 17_{2,16}$	345.6418	168.4271	4.9808	7.4902	8.0	8.3628
$CH_3OCHOv =_0$	Methyl Formate	$9_{9,1} - 8_{8,1}E$	345.65066	80.3102	10.4041	6.7926	8.0	17.4684
HCO	Formyl Radical	$4_{2,3} - 3_{2,2}, J = 9/2 - 7/2$	345.65558	172.8172	4.2624	6.5482	8.0	7.1566
HCO	Formyl Radical	$4_{2,3} - 3_{2,2}, J = 9/2 - 7/2$	345.66358	172.8071	3.0956	7.6552	8.0	5.1975
$(CH_3)_2COv =_0$	Acetone	$15_{7,8} - 14_{6,9}EE$	345.67395	92.9358	2.6695	7.1301	8.0	4.4821
$g - CH_3CH_2OH$	gauche-Ethanol	$21_{1,21} - 20_{0,20}, vt = 1 - 1$	345.68942	246.219	15.7399	4.9342	8.0	26.4272
$CH_3CH_2^{13}CN$	Ethyl Cyanide	$33_{8,26} - 33_{7,27}$	345.70286	311.1458	4.7335	7.251	8.0	7.9476
$CH_3OCHOv =_0$	Methyl Formate	$9_{9,1} - 8_{8,0}A$	345.71868	80.3192	16.5648	8.1389	8.0	27.8123
H_2NCH_2CN	Aminoacetonitrile	$38_{4,35} - 37_{4,34}$	345.75117	343.2689	1.9722	7.0606	8.0	3.3113
CO	Carbon Monoxide	$3 - 2$	345.79599	33.1917	113.7963	-20.5825	8.0	191.0639
$g'Ga - (CH_2OH)_2$	Ethylene Glycol	$22_{1,21}v = 1 - 21_{0,21}v = 0$	345.85194	122.0468	4.9053	7.3147	8.0	8.2359
$H_2C_{18}O$	Formaldehyde	$5_{0,5} - 4_{0,4}$	345.88103	49.8711	5.2881	8.3375	8.0	8.8788
NS	Nitric sulfide	$J = 15/2 - 13/2, \Omega = 1/2$	345.90021	70.7983	30.2713	10.9672	8.0	50.8255
$(CH_3)_2COv =_0$	Acetone	$15_{7,8} - 14_{6,9}AA$	345.91243	92.8831	13.6343	8.2044	8.0	22.892
$CH_3OHvt =_0$	Methanol	$18_{-3,16} - 17_{-4,14}$	345.91919	459.4299	21.6847	8.0579	8.0	36.4085
$CH_3CH_2CNv =_0$	Ethyl Cyanide	$32_{8,25} - 32_{7,26}$	345.94052	298.1705	0.2829	8.1896	8.0	0.7596
$g - CH_3CH_2OH$	gauche-Ethanol	$28_{15,13} - 29_{14,15}, vt = 1 - 0$	345.96948	674.3881	2.8709	7.2094	8.0	4.8203
$(CH_3)_2COv =_0$	Acetone	$24_{12,12} - 23_{13,11}EE$	345.97366	235.2414	6.7394	7.6064	8.0	11.3155
$t - DCOOH$	Formic Acid	$21_{5,17} - 22_{2,20}$	345.98033	301.3129	10.2415	12.8261	8.0	17.1954
$c - H^{13}CCCH$	Cyclopropenylidene	$13_{3,10} - 13_{2,11}$	345.99364	208.5557	2.2908	8.0618	8.0	3.8462
$CH_3OCHOv =_0$	Methyl Formate	$28_{12,17} - 27_{12,16}E$	346.00166	335.4293	2.8637	6.4006	8.0	4.8082
$g - CH_3CH_2OH$	gauche-Ethanol	$20_{11,9} - 19_{11,8}, vt = 1 - 1$	346.01721	384.5567	3.5314	9.2137	8.0	5.9293