Table 1. Line parameters for the *LOS*+0.693.

Molecule	Frequency (MHz)	Transition	Area (σ) (K km s^{-1})	V_{LSR} (σ) (km s^{-1})	$\Delta v_{1/2}$ (σ) (km s^{-1})	T^*_A (σ) (mK)	Notes
C_2H_3CN	77633.8	$8_{1,7}$-$7_{1,6}$	2.6 (0.5)	63.9 (1.4)	19.6 (3.2)	125.8 (15.6)	
Unidentified	77935.5		2.9 (1.1)	65.0 (5.0)	25.0 (5.0)	88.1 (18.2)	
C_2H_5CN	78183.6	$9_{1,9}$-$8_{1,8}$	3.6 (0.6)	64.2 (1.5)	30.5 (3.5)	111.0 (11.9)	
CH_3OCHO[c]	78481.3	$7_{1,7}$-$6_{1,6}$ A+E	1.7 (0.4)	71.7 (1.4)	24.8 (2.7)	129.5 (7.6)	bl
CH_3CHO	79099.3	$4_{1,3}$-$3_{1,2}$ E	5.6 (0.4)	70.5 (0.4)	20.7 (1.0)	0.3 (11.6)	
CH_3CHO	79150.2	$4_{1,3}$-$3_{1,2}$ A	10.0 (0.6)	70.9 (0.4)	22.5 (1.0)	418.0[a] (16.1)	
$H^{13}CCCN$	79350.4	9_K-8_K, K=8-7, 9-8, 10-9	4.9 (0.3)	70.5 (0.5)	22.8 (1.3)	202.6 (8.8)	hf
NH_2CN	79449.7	$4_{1,4}$-$3_{1,3}$	10.9 (0.5)	68.4 (0.3)	19.2 (0.7)	534.9 (14.2)	
C_2H_5CN	79677.5	$9_{0,9}$-$8_{0,8}$	2.6 (0.5)	64.3 (1.9)	29.2 (4.5)	83.8 (11.5)	
H_2C_2N	79759.4	$4_{1,4}$-$3_{1,3}$, J=9/2-7/2	2.1 (0.5)	65.9[a] (1.7)	19.1[a] (3.9)	103.7 (7.3)	hf[a]
CH_3OCHO[c]	79783.8	$7_{0,7}$-$6_{0,6}$ A+E	1.6 (0.3)	75.7 (0.7)	25.4 (1.7)	115.9 (6.1)	bl
HC_5N	79876.9	30-29	2.8 (0.2)	67.4 (0.6)	22.4 (1.4)	115.5 (6.4)	
NH_2CN	79915.1	$4_{0,4}$-$3_{0,3}$	1.8 (0.2)	72.9 (0.8)	24.0 (2.0)	68.2 (5.1)	
NH_2CN	79963.2	$4_{2,3}$-$3_{2,2}$	1.1 (0.1)	63.7 (0.7)	19.0 (1.5)	109.9 (7.8)	m
NH_2CN	79979.5	$4_{0,4}$-$3_{0,3}$	4.1 (0.3)	65.1 (0.4)	19.0 (1.0)	200.9 (7.4)	
CH_2CO	80076.7	$4_{1,4}$-$3_{1,3}$	4.2 (0.3)	68.2 (0.6)	20.7 (1.3)	190.8 (9.0)	
Unidentified	80193.2		1.6 (0.4)	65.6 (1.5)	19.0 (3.5)	77.8 (10.4)	
Unidentified	80373.6		2.6 (1.0)	63.6 (3.2)	25.0 (7.8)	86.7 (20.3)	
C_2H_5CN	80404.9	$9_{2,8}$-$8_{2,7}$	3.2 (0.4)	68.8 (1.5)	35.0 (3.5)	84.9 (8.2)	
H_2C_2N	80480.9	$4_{0,4}$-$3_{0,3}$, J=9/2-7/2	3.9 (0.5)	61.1[a] (1.1)	21.4[a] (2.2)	170.7 (10.9)	hf[a]
H_2C_2N	80489.9	$4_{0,4}$-$3_{0,3}$, J=7/2-5/2	2.4 (1.6)	68.5[a] (9.2)	18.9[a] (10.4)	119.0[a] (45.5)	hf[a]
NH_2CN	80504.6	$4_{1,3}$-$3_{1,2}$	9.1 (0.3)	65.7 (0.2)	18.9 (0.4)	451.4 (7.4)	
$(CH_3)_2O$[b]	80538.5	$5_{2,3}$-$5_{1,4}$	2.6 (0.4)	75.5[a] (2.4)	28.4[a] (4.1)	86.0 (6.7)	
CH_2CO	80832.1	$4_{0,4}$-$3_{0,3}$	2.0 (0.2)	65.6 (0.8)	23.8 (1.8)	80.1 (4.9)	
CH_3OH	80993.2	$7_{2,6}$-$8_{1,7}$ A-	1.0 (0.2)	62.5 (1.5)	19.0 (3.4)	49.0 (7.0)	cd
H_2C_2N	81207.3	$4_{1,3}$-$3_{1,2}$, J=7/2-5/2	1.2 (0.2)	67.2 (0.8)	18.7 (1.9)	60.4 (4.8)	hf[a]
H_2C_2N	81232.5	$4_{1,3}$-$3_{1,2}$, J=9/2-7/2	1.3 (0.2)	70.4 (0.7)	18.7 (1.7)	64.2 (4.6)	hf[a], cd
C_2H_5CN	81261.3	$9_{2,7}$-$8_{2,6}$	2.4 (0.5)	65.1 (1.8)	29.2 (4.3)	76.0[a] (9.2)	
Unidentified	81337.8		1.7 (0.3)	68.3 (1.5)	28.1 (3.4)	57.0 (5.7)	
HNO	81477.4	$1_{0,1}$-$0_{0,0}$	1.5 (0.2)	67.5[a] (0.8)	18.7[a] (2.0)	77.0 (6.1)	hf
CCS	81505.1	6_7-5_6	4.8 (0.3)	68.5 (0.4)	19.6[a] (0.8)	232.1 (7.8)	
$HC^{13}CCN$	81534.1	9_K-8_K, K=8-7, 9-8, 10-9	4.1 (0.4)	64.5[a] (1.0)	28.0 (2.0)	137.3 (8.7)	hf
$HCC^{13}CN$	81541.9	9_K-8_K, K=8-7, 9-8, 10-9	3.8 (0.3)	67.8 (0.6)	23.3 (1.6)	154.2 (5.6)	hf
CH_2CO	81586.2	$4_{1,3}$-$3_{1,2}$	3.5 (0.2)	66.7 (0.4)	21.7 (0.8)	151.1 (4.4)	
NH_2CHO	81693.5	$4_{1,4}$-$3_{1,3}$	6.3 (0.3)	68.0 (0.4)	24.3 (1.0)	245.4 (8.1)	hf
HC_3N	81881.4	9-8	67.2 (1.8)	66.7 (0.2)	24.9 (0.5)	2534.8 (43.0)	
c-C_3H_2	82093.5	$2_{0,2}$-$1_{1,1}$	3.8 (0.4)	71.0 (0.6)	18.5 (1.5)	194.8 (12.1)	
HNCS, a-type	82101.8	$7_{0,7}$-$6_{0,6}$	1.8 (0.4)	67.8 (1.6)	23.9 (3.9)	70.1 (8.5)	
C_2H_5OH	82115.7	$3_{2,2}$-$3_{1,3}$	1.2 (0.3)	71.8 (1.3)	18.7 (3.0)	60.6 (8.4)	
Unidentified	82198.8		2.7 (0.2)	67.9 (0.9)	27.8 (2.0)	90.0 (5.0)	
C_2H_5CN	82458.5	$9_{1,8}$-$8_{1,7}$	3.7 (0.3)	67.6 (0.7)	29.2 (1.8)	20.4 (4.7)	
$HCOCH_2OH$	82470.6	$8_{0,8}$-$7_{1,7}$	1.0 (0.2)	73.8 (0.9)	19.6 (2.3)	47.3 (4.6)	
HC_5N	82539.2	31-30	4.0 (0.6)	64.0 (1.4)	27.7 (3.3)	141.5 (14.0)	
NH_2CHO	82549.5	$1_{1,1}$-$0_{0,0}$	2.9 (0.2)	67.0 (0.7)	25.6 (1.8)	108.9 (4.6)	hf, cl
$(CH_3)_2O$[b]	82650.1	$3_{1,3}$-$2_{0,2}$	3.6 (0.2)	65.6 (0.6)	27.6 (1.4)	123.0[a] (4.3)	
$O^{13}C^{34}S$	82762.5	7-6	$\lesssim$0.3	...	...	$\lesssim$33	
c-C_3H_2	82966.2	$3_{1,2}$-$3_{0,3}$	4.2 (0.2)	67.4 (0.3)	18.4 (0.8)	212.5 (7.5)	
$OC^{34}S$	83057.9	7-6	2.1 (0.3)	65.0 (1.3)	27.5 (3.0)	72.4 (6.6)	
$HNC^{18}O$	83191.5	$4_{0,4}$-$3_{0,3}$	$\lesssim$0.1	...	...	$\lesssim$39	hf
C_2H_3CN	83207.5	$9_{1,9}$-$8_{1,8}$	2.2 (0.1)	70.1 (0.5)	20.4 (1.1)	98.7 (3.9)	
Unidentified	83404.9		2.0 (0.3)	68.7 (1.2)	27.4 (2.7)	69.0 (5.4)	
CH_3CHO	83584.2	$2_{-1,2}$-$1_{0,1}$ E	2.1 (0.4)	68.9 (1.2)	18.2 (3.1)	0.1[a] (10.6)	
SO_2	83688.0	$8_{1,7}$-$8_{0,8}$	4.2 (0.2)	65.0 (0.4)	25.9 (0.8)	153.0 (4.1)	
Unidentified	83900.3		5.2 (0.4)	65.4 (0.6)	24.2 (1.4)	202.7 (9.3)	
^{13}CCH	84119.3	N=1-0, F_1=2-1, F=5/2-3/2	1.2 (0.3)	67.6 (2.4)	36.2 (5.7)	32.0 (4.1)	hf, cd
Unidentified	84139.0		0.7 (0.3)	67.6 (2.4)	18.1 (5.8)	37.3 (8.2)	
^{13}CCH	84153.3	N=1-0, F_1=1-0, F=3/2-1/2	2.1 (0.5)	84.5 (2.6)	36.2 (6.1)	55.1 (7.2)	hf
Unidentified	84183.9		1.2 (0.3)	65.2 (1.4)	18.1 (3.3)	60.0 (8.9)	
CH_3CHO	84219.7	$2_{1,2}$-$1_{0,1}$ A	2.7 (0.5)	74.8 (1.5)	29.0 (3.6)	88.6 (10.1)	
CH_3OCHO	84449.1	$7_{2,6}$-$6_{2,5}$ E	0.9 (0.3)	69.5[a] (1.7)	18.0 (4.0)	48.0 (8.4)	
CH_3OCHO	84454.7	$7_{2,6}$-$6_{2,5}$ A	1.3 (0.3)	66.0 (1.3)	18.0 (3.3)	69.0 (6.4)	
CH_3OH	84521.1	$5_{-1,5}$-$4_{0,4}$ E	128.0 (5.1)	68.5 (0.2)	18.0 (0.6)	6678.0[a] (164.6)	
NH_2CHO	84542.4	$4_{0,4}$-$3_{0,3}$	7.3 (0.5)	71.4 (0.6)	24.4 (1.3)	280.2 (11.8)	hf
c-C_3H_2	84727.6	$3_{2,2}$-$3_{1,3}$	0.8 (0.2)	67.3 (1.4)	19.8 (3.2)	38.8 (4.8)	
^{30}SiO	84745.9	2-1	2.2 (0.2)	71.8 (0.6)	18.0 (1.4)	116.0[a] (6.0)	
NH_2CHO	84807.9	$4_{2,3}$-$3_{2,2}$	2.6 (0.2)	69.0 (0.4)	20.9 (1.0)	116.7 (4.3)	hf
$O^{13}CS$	84865.1	7-6	0.9 (0.1)	65.8 (0.9)	17.9 (2.1)	45.0[a] (3.8)	
NH_2CHO	84888.9	$4_{3,2}$-$3_{3,1}$	1.1 (0.1)	67.5 (0.8)	17.9 (1.9)	56.3 (4.6)	hf, bl
C_2H_3CN	84946.0	$9_{0,9}$-$8_{0,8}$	2.6 (0.2)	67.6 (0.7)	25.8 (1.7)	93.7 (4.6)	
$^{13}CH_3OH$	84970.2	$8_{0,8}$-$7_{1,7}$ A+	1.5 (0.3)	70.4 (1.9)	26.9 (4.3)	52.1 (4.6)	
Unidentified	84980.0		1.0 (0.2)	67.9 (2.5)	23.7 (5.0)	37.0 (6.0)	
NH_2CHO	85093.3	$4_{2,2}$-$3_{2,1}$	3.3 (0.3)	67.6 (0.7)	23.0 (1.5)	136(7.6)	hf
OCS	85139.1	7-6	20.7 (0.5)	64.6 (0.2)	22.2(0.4)	876.7(12.7)	
$HC^{18}O^+$	85162.1	1-0	2.0 (0.8)	74.5 (2.8)	17.9 (7.1)	104.0 (7.6)	
HC_5N	85201.6	32-31	2.4 (0.4)	67.3 (1.1)	21.7 (2.6)	105.3 (10.0)	
$C^{13}CH$	85229.3	N=1-0, F1=2-1 F=5/2-3/2	2.0 (0.3)	60.6 (1.5)	26.8 (3.6)	68.9 (7.3)	hf
C_2H_5OH	85265.5	$6_{0,6}$-$5_{1,5}$	7.2 (0.3)	64.5 (0.3)	23.9 (0.8)	282.9 (7.3)	cl
$H^{15}NCO$	85292.1	$4_{0,4}$-$3_{0,3}$	$\lesssim$0.3	...	...	$\lesssim$36	

Table 1 – *continued*

Molecule	Frequency (MHz)	Transition	Area (σ) (K km s^{-1})	V_{LSR} (σ) (km s^{-1})	$\Delta v_{1/2}$ (σ) (km s^{-1})	T^*_A (σ) (mK)	Notes
C_2H_3CN	85302.6	$9_{2,8}$-$8_{2,7}$	1.4 (0.3)	68.5[a] (1.8)	17.8 (3.6)	72.1 (5.6)	
c-C_3H_2	85338.8	$2_{1,2}$-$1_{0,1}$	8.9 (0.4)	[40, 80]	...	...	
			1.6 (0.4)	[80, 110]	...	...	
HCS^+	85347.9	2-1	5.2 (0.6)	70.4 (0.7)	17.8 (1.8)	275.0[a] (10.4)	bl
$CH_2^{13}CCH$	85407.2	5_3-4_3	0.4 (0.2)	65.8 (1.7)	8.9 (4.1)	41.8 (9.0)	
$CH_3^{13}CCH$	85421.8	5_K-4_K, K=0, 1	0.7 (0.2)	80.9 (2.2)	17.8 (5.2)	36.6 (6.9)	m, cd
CH_3CCH	85442.5	5_3-4_3	2.6 (0.5)	68.5[a] (1.1)	17.8 (2.7)	137.3 (13.7)	
CH_3CCH	85450.7	5_2-4_2	3.5 (0.6)	69.5[a] (1.0)	17.8 (2.7)	183.0[a] (16.1)	bl
CH_3CCH	85457.2	5_K-4_K, K=0, 1	11.2 (0.9)	66.5 (0.5)	20.8 (1.4)	508.6 (25.1)	m
$HOCO^+$	85531.5	$4_{0,4}$-$3_{0,3}$	17.3 (0.4)	64.8 (0.2)	22.1 (0.4)	737.4 (10.4)	
C_2H_3CN	85715.4	$9_{2,7}$-$8_{2,6}$	1.0 (0.2)	67.4 (1.5)	15.7 (3.6)	56.4 (6.1)	
^{29}SiO	85759.0	2-1	2.4 (0.2)	65.6 (0.6)	17.8 (1.3)	129.0[a] (6.9)	
$HC^{15}N$	86054.9	1-0	1.8 (0.2)	[40, 80]	...	...	
			1.0 (0.2)	[80, 110]	...	...	
SO	86093.9	2_2-1_1	8.0 (0.4)	67.6 (0.5)	26.6 (1.1)	288.0 (10.1)	
CCS	86181.3	7_6-6_5	1.1 (0.2)	71.9 (1.4)	19.6[a] (3.3)	54.0[a] (5.7)	
$(CH_3)_2O$[b]	86226.7	$2_{2,0}$-$2_{1,1}$	1.7 (0.3)	76.7 (1.2)	26.5 (3.5)	60.6 (5.1)	bl
CH_3OCHO[c]	86265.8	$7_{3,5}$-$6_{3,4}$ A+E	0.8 (0.2)	62.9 (1.0)	17.6 (2.2)	84.0[a] (7.2)	bl
$H^{13}CN$	86340.1	1-0, F=1-1, 2-1, 0-1	9.1 (0.1)	[40,80]	...	...	hf
			6.3 (0.1)	[80,110]	...	...	
HCOOH	86546.1	$4_{1,4}$-$3_{1,3}$	1.9 (0.3)	68.5[a] (0.8)	17.6 (2.0)	102.9 (7.4)	
HCO	86670.7	$1_{0,1}$-$0_{0,0}$, J=3/2-1/2, F=2-1	2.0 (0.3)	69.4 (0.9)	17.6[a] (2.2)	108.4 (9.8)	hf[a]
HCO	86708.3	$1_{0,1}$-$0_{0,0}$, J=3/2-1/2, F=1-0	1.7 (0.3)	68.5[a] (1.3)	17.6[a] (3.0)	89.0[a] (10.0)	hf[a], cd
$H^{13}CO^+$	86754.2	1-0	7.3 (0.1)	[40, 80]	...	...	
			3.5 (0.1)	[80, 110]	...	...	
HCO	86777.4	$1_{0,1}$-$0_{0,0}$, J=1/2-1/2, F=1-1	1.0 (0.3)	75.0 (1.6)	17.5 (3.8)	54.7 (9.5)	hf[a]
HCO	86805.7	$1_{0,1}$-$0_{0,0}$, J=1/2-1/2, F=0-1	0.7 (0.2)	67.9 (1.4)	14.9 (3.7)	45.5 (7.0)	hf[a]
SiO	86846.9	2-1	13.9 (0.4)	[40,80]	...	...	
			6.4 (0.4)	[80,110]	...	...	
$HN^{13}C$	87090.8	1-0	11.1 (0.2)	[40, 80]	...	...	
			0.1 (0.2)	[80, 110]	...	...	
CCH	87284.1	N=1-0, J=3/2-1/2, F=1-1	3.4 (0.5)	67.2 (0.9)	17.8 (2.1)	181.4 (18.1)	hf[a]
CCH	87316.9	N=1-0, J=3/2-1/2, F=2-1	19.1 (0.8)	69.1 (0.4)	26.0 (0.9)	689.0[a] (14.9)	hf[a]
CCH	87328.6	N=1-0, J=3/2-1/2, F=1-0	6.8 (0.8)	70.3 (0.8)	17.4[a] (2.0)	367.3 (15.0)	hf[a]
CCH	87402.0	N=1-0, J=1/2-1/2, F=1-1	7.8 (0.5)	69.5 (0.5)	16.1 (0.9)	455.2 (19.4)	hf[a], bl
CCH	87407.1	N=1-0, J=1/2-1/2, F=0-1	6.6 (0.5)	66.8 (0.7)	23.2 (1.5)	266.5 (9.2)	hf[a], bl
CCH	87446.5	N=1-0, J=1/2-1/2, F=1-0	4.5 (0.3)	65.4 (0.4)	20.1 (0.9)	211.0 (8.3)	hf[a], cd
HNCO	87597.3	$4_{1,4}$-$3_{1,3}$	2.1 (0.4)	66.6 (1.0)	17.4 (2.4)	113.0[a] (10.9)	hf
C_2H_5OH	87716.1	$5_{2,4}$-$5_{1,5}$	1.1 (0.2)	66.6 (1.2)	18.8 (2.9)	53.7 (7.1)	
NH_2CHO	87848.9	$4_{1,3}$-$3_{1,2}$	11.5 (1.1)	67.8 (0.8)	26.7 (1.9)	405.4 (26.2)	hf
HC_5N	87863.9	33-32	2.6 (0.3)	69.5 (1.0)	22.2 (2.3)	109.0 (8.2)	
HNCO	87925.2	$4_{0,4}$-$3_{0,3}$	140.2 (3.2)	66.1 (0.2)	24.6 (0.4)	5355.9 (78.9)	hf
$H^{13}CCCN$	88166.8	10_K-9_K, K=10-9, 11-10, 9-8	4.1 (0.3)	67.5 (0.5)	23.6 (1.1)	162.8 (6.3)	hf
HNCO	88239.0	$4_{1,3}$-$3_{1,2}$	3.1 (0.4)	65.9 (1.2)	25.9 (3.1)	113.6 (8.5)	hf
C_2H_5CN	88323.7	$10_{0,10}$-$9_{0,9}$	1.7 (0.3)	68.7 (1.1)	22.9 (2.6)	69.0[a] (7.1)	
HCN	88631.8	1-0, F=0-1, 1-1, 2-1	53.9 (0.2)	[40,80]	...	...	hf
			34.2 (0.2)	[80,110]	...	...	
CH_3OCHO	88843.2	$7_{1,6}$-$6_{1,5}$ E	0.6 (0.2)	70.1 (2.5)	17.1 (6.1)	30.0[a] (7.7)	
CH_3OCHO	88851.6	$7_{1,6}$-$6_{1,5}$ A	1.0 (0.4)	67.7 (2.6)	17.1 (5.9)	56.8 (14.0)	
$H^{15}NC$	88865.7	1-0	1.7 (0.2)	[40, 80]	...	...	
HCO^+	89188.5	1-0	34.6 (0.2)	[40, 80]	...	...	
			24.6 (0.2)	[80, 110]	...	...	
CH_3OCHO[c]	89316.6	$8_{1,8}$-$7_{1,7}$ A+E	1.4 (0.2)	66.6 (0.6)	25.7 (1.6)	101.4 (5.1)	bl
$^{13}CH_3CN$	89331.3	5_K-4_K K=0, 1	2.0 (0.2)	69.7 (1.0)	25.6 (2.5)	74.9 (4.9)	hf, bl
HCCNC	89419.3	9-8	0.7 (0.3)	70.1 (3.1)	21.5 (8.1)	28.8 (6.9)	hf
HOC^+	89487.4	1-0	1.1 (0.1)	68.0 (0.8)	19.4 (2.0)	51.8 (4.3)	
HCOOH	89579.1	$4_{0,4}$-$3_{0,3}$	2.4 (0.2)	66.5[a] (0.8)	20.0 (1.9)	91.0[a] (6.6)	
HCOOH	89861.4	$4_{2,3}$-$3_{2,2}$	1.0 (0.3)	60.3 (2.7)	25.4 (7.1)	36.8 (4.6)	
C_2H_5OH	90117.6	$4_{1,4}$-$3_{0,3}$	6.7 (0.3)	65.0 (0.3)	21.6 (0.8)	290.8 (7.9)	
CH_3OCHO	90145.6	$7_{2,5}$-$6_{2,4}$ E	1.1 (0.4)	64.7 (2.5)	16.9 (6.3)	58.3 (9.7)	
CH_3OCHO	90156.4	$7_{2,5}$-$6_{2,4}$ A	1.1 (0.3)	66.0 (1.5)	18.1 (3.9)	57.4 (7.5)	
HCOOH	90164.6	$4_{2,2}$-$3_{2,1}$	1.5 (0.5)	65.8 (1.9)	17.3 (4.6)	81.0 (14.6)	cl
CH_3COOH	90203.3	$8_{*,8}$-$7_{*,7}$ E	$\lesssim$0.3	...	...	$\lesssim$33	
CH_3OCHO[c]	90229.6	$8_{0,8}$-$7_{0,7}$ A+E	1.1 (0.3)	69.9 (0.9)	18.8 (2.1)	88.9 (9.0)	bl
C_2H_5CN	90453.2	$10_{2,8}$-$9_{2,7}$	1.6 (0.3)	70.2 (1.4)	25.2 (3.4)	58.6 (5.3)	
HC_5N	90526.2	34-33	2.0 (0.2)	67.1 (0.9)	23.6 (2.2)	78.3 (6.2)	
$HC^{13}CCN$	90593.0	10_K-9_K, K=9-8, 10-9, 11-10	5.5 (0.5)	65.7 (1.1)	25.2 (2.1)	203.6 (9.2)	hf
$HCC^{13}CN$	90601.7	10_K-9_K, K=9-8, 10-9, 11-10	3.8 (0.4)	68.8 (0.9)	22.6 (1.9)	158.3 (6.6)	hf
HNC	90663.5	1-0	39.4 (0.3)	[40, 80]	...	...	
			17.1 (0.3)	[80, 110]	...	...	
SiS	90771.5	5-4	3.6 (1.0)	69.5[a] (3.7)	25.2 (6.6)	136.1 (12.3)	
$(CH_3)_2O$[b]	90938.0	$6_{0,6}$-$5_{1,5}$	4.2 (0.4)	66.9 (0.6)	21.9 (1.4)	179.1 (11.1)	
HC_3N	90979.0	10-9	64.3 (1.8)	67.4 (0.2)	23.6 (0.5)	2557.7 (46.4)	
C_2H_5CN	91549.1	$10_{1,9}$-$9_{1,8}$	2.2 (0.5)	64.1 (2.1)	27.1 (4.5)	75.4 (7.4)	
Unidentified	91750.0		1.6 (0.2)	70.3 (0.8)	18.6 (2.0)	78.5 (7.8)	
Unidentified	91848.0		3.7 (0.3)	67.4 (0.7)	21.4 (1.6)	160.3 (8.3)	

Table 1 – *continued*

Molecule	Frequency (MHz)	Transition	Area (σ) (K km s^{-1})	V_{LSR} (σ) (km s^{-1})	$\Delta v_{1/2}$ (σ) (km s^{-1})	T^*_A (σ) (mK)	Notes
$CH_3^{13}CN$	91941.5	5_K-4_K, K=0, 1	1.7 (0.4)	67.7 (1.6)	24.8 (3.9)	64.9 (8.5)	hf, m
CH_3CN, v8=0,1	91959.2	5_4-4_4	1.9 (0.6)	71.7 (1.7)	17.4 (3.9)	102.2 (19.2)	hf
CH_3CN, v8=0,1	91971.3	5_3-4_3	6.4 (0.8)	70.4 (0.8)	21.8 (2.0)	275.2 (19.4)	hf
CH_3CN, v8=0,1	91980.0	5_2-4_2	6.5 (1.3)	69.3 (1.4)	16.6[a] (2.7)	370.0[a] (44.0)	hf
CH_3CN, v8=0,1	91987.0	5_K-4_K, K=0, 1	19.1 (0.8)	73.6 (0.4)	24.8 (0.9)	722.4 (15.8)	hf, m
C_2H_3CN	92426.2	$10_{1,10}$-$9_{1,9}$	1.2 (0.2)	67.9 (0.8)	18.3 (1.8)	62.0 (4.6)	
^{13}CS	92494.3	2-1	4.7 (0.5)	[45,80]	...	...	
Unidentified	92724.8		2.5 (0.3)	66.3 (1.0)	29.0 (2.3)	81.0 (6.0)	
NH_2CHO	105464.2	$5_{0,5}$-$4_{0,4}$	7.7 (0.3)	64.6 (0.3)	24.1 (0.8)	299.6 (8.9)	hf
HNCS, a-type	105558.0	$9_{0,9}$-$8_{0,8}$	1.6 (0.2)	64.4 (0.8)	21.6 (1.8)	68.3 (4.6)	
$^{13}C^{15}N$	105747.7	$1_{2,1}$-$0_{1,0}$	1.9 (0.2)	67.9 (1.0)	23.7 (2.3)	73.5 (6.2)	hf, cl
CH_2NH	105793.9	$4_{0,4}$-$3_{1,3}$	2.4 (0.4)	71.5[a] (1.0)	14.4 (1.7)	157.0 (18.8)	hf, bl
$H^{13}CCCN$	105799.0	12_K-11_K, K=12-11, 13-12, 11-10	2.7 (0.4)	70.5 (1.0)	14.4 (1.9)	173.2 (7.7)	hf, bl
NH_2CHO	105972.6	$5_{2,4}$-$4_{2,3}$	2.5 (0.2)	67 (0.6)	21.9 (1.4)	105.4 (6.0)	hf
Unidentified	106302.5		2.8 (0.8)	68.5 (3.0)	21.5 (5.6)	124.1 (9.1)	
Unidentified	106311.8		4.9 (0.5)	70.0 (0.8)	21.5 (1.9)	214.0 (12.0)	
CCS	106347.7	8_9-7_8	2.2 (0.1)	66.9 (0.4)	19.6[a] (0.9)	104.8 (4.6)	
HC_5N	106499.4	40-39	1.3 (0.4)	64.5[a] (3.0)	21.4 (5.3)	56.5 (9.0)	
NH_2CHO	106541.7	$5_{2,3}$-$4_{2,2}$	2.2 (0.2)	68.6 (0.8)	21.4 (1.8)	95.6 (6.6)	hf
C_2H_3CN	106641.3	$11_{1,10}$-$10_{1,9}$	1.0 (0.2)	74.2 (0.9)	16.7 (2.2)	56.0 (6.9)	
$(CH_3)_2O$[b]	106777.3	$9_{1,8}$-$8_{2,7}$	0.9 (0.3)	72.2 (1.9)	14.3 (4.3)	60.0 (11.2)	
$OC^{34}S$	106787.3	9-8	1.6 (0.2)	67.5[a] (0.9)	21.4 (2.3)	69.3 (4.9)	
$HOCO^+$	106913.5	$5_{0,5}$-$4_{0,4}$	13.6 (0.4)	68.0 (0.2)	21.1 (0.5)	606.0 (11.8)	
CH_3OH	107013.8	$3_{1,3}$-$4_{0,4}$ A+	-2.7 (...)	66.1 (3.1)	40.0 (7.0)	-64.1 (...)	al
C_2H_5CN	107043.5	$12_{2,11}$-$11_{2,10}$	1.8 (0.3)	68.7 (1.3)	21.3 (3.2)	77.8 (9.1)	
Unidentified	107100.0		0.9 (0.2)	68.5 (1.3)	18.6 (3.1)	47.2 (6.5)	
Unidentified	107134.6		3.2 (0.2)	70.6 (0.5)	21.4 (1.1)	139.6 (6.2)	
$^{13}CH_3CN$	107178.5	6_3-5_3	0.5 (0.2)	72.4 (1.8)	16.4 (4.2)	28.7 (7.2)	hf
$^{13}CH_3CN$	107196.5	6_K-5_K, K=0, 1	1.5 (0.2)	74.6 (1.0)	21.3 (2.23)	66.1 (5.68)	hf, bl
HCOOH	108126.7	$5_{1,5}$-$4_{1,4}$	2.2 (0.3)	67.5[a] (1.0)	21.1[a] (2.5)	97.8 (5.2)	
^{13}CN	108636.9	N=1-0, F1=0, F2=1-0, F=1-1	2.5 (0.6)	57.6 (4.1)	35.0 (7.3)	67.2 (6.3)	hf
^{13}CN	108651.2	N=1-0, F1=0, F2=1-0, F=2-1	2.0 (0.4)	56.8 (2.3)	32.6 (4.8)	56.7 (5.6)	hf
$HC^{13}CCN$	108710.5	12_K-11_K, K=12-11, 13-12, 11-10	2.3 (0.4)	69.0 (1.9)	25.4 (3.8)	86.1 (6.5)	hf
$HCC^{13}CN$	108721.0	12_K-11_K, K=12-11, 13-12, 11-10	1.6 (0.3)	68.7 (1.7)	22.0 (3.8)	68.7 (6.4)	hf
^{13}CN	108780.2	N=1-0, F1=1, F2=2-1, F=3-2	1.6 (0.2)	69.4 (0.9)	21.0 (2.1)	71.8 (5.9)	hf
^{13}CN	108786.9	N=1-0, F1=1, F2=2-1, F=1-0	0.7 (0.2)	69.8 (1.0)	13.3 (2.7)	51.2 (6.1)	hf[a]
^{13}CN	108796.4	N=1-0, F1=1, F2=2-1, F=2-2	0.9 (0.2)	71.3 (1.0)	17.8 (2.4)	48.9 (5.9)	hf, cd
CH_3OH	108893.9	$0_{0,0}$-$1_{-1,1}$ E	12.1 (0.3)	[40,80]	...	...	
			2.4 (0.3)	[80,110]	...	...	
$O^{13}CS$	109110.8	9-8	0.6 (0.2)	66.4 (1.7)	17.1 (3.9)	32.4 (7.8)	
HC_3N	109173.6	12-11	47.3 (1.2)	66.9 (0.2)	23.0 (0.4)	1932.8 (31.5)	
SO	109252.2	3_2-2_1	8.2 (0.3)	67.6 (0.2)	20.3 (0.5)	380.4 (7.9)	
OCS	109463.0	9-8	19.5 (0.5)	65.8 (0.2)	22.4 (0.4)	819.0 (13.4)	
HNCO	109496.0	$5_{1,5}$-$4_{1,4}$	2.8 (0.4)	64.3 (1.0)	20.7 (2.4)	127.1 (12.5)	hf
C_2H_5CN	109650.2	$12_{1,11}$-$11_{1,10}$	2.0 (0.3)	64.6 (1.4)	27.9 (3.3)	67.3 (7.7)	
NH_2CHO	109753.5	$5_{1,4}$-$4_{1,3}$	5.0 (0.4)	66.9 (0.5)	21.5 (1.2)	220.2 (10.4)	hf
$C^{18}O$	109782.1	1-0	23.4 (0.9)	66.8 (0.3)	25.7 (0.8)	855.2 (21.5)	
HNCO	109905.7	$5_{0,5}$-$4_{0,4}$	111.9 (2.7)	67.6 (0.2)	23.8 (0.4)	4420.4 (68.9)	hf
^{13}CO	110201.3	1-0	148.6 (5.5)	67.5[a] (0.3)	27.6 (0.9)	5052.1 (95.0)	
HNCO	110298.0	$5_{1,4}$-$4_{1,3}$	3.5 (0.6)	63.1 (1.3)	20.7 (3.1)	157.0[a] (13.9)	hf
$CH_3^{13}CN$	110328.8	6_K-5_K, K=0, 1	2.0 (0.3)	69.7 (0.8)	20.7 (2.0)	89.3 (7.8)	hf, m, cd
CH_3CN, v8=0,1	110349.7	6_4-5_4	1.4 (0.6)	70.0 (2.2)	15.6 (5.3)	82.0 (23.0)	hf
CH_3CN, v8=0,1	110364.4	6_3-5_3	7.5 (0.8)	68.5 (0.7)	20.7 (1.8)	338.1 (18.4)	hf
CH_3CN, v8=0,1	110374.9	6_2-5_2	8.6 (2.6)	70.5[a] (1.8)	20.7 (6.1)	390.0[a] (26.9)	hf
CH_3CN, v8=0,1	110383.4	6_K-5_K, K=0, 1	25.1 (0.9)	74.2 (0.3)	27.6 (0.8)	853.4 (16.4)	hf, m
CH_3OCHO[c]	110790.5	$10_{1,10}$-$9_{1,9}$ A+E	0.8 (0.2)	70.7 (0.7)	20.6 (1.8)	71.7 (5.4)	bl
CH_3OCHO[c]	111682.1	$9_{1,8}$-$8_{1,7}$ A+E	1.4 (0.6)	76.6 (2.1)	27.3 (5.0)	96.0[a] (7.1)	bl
HCOOH	111746.7	$5_{0,5}$-$4_{0,4}$	2.9 (0.5)	70.4[a] (1.6)	20.4[a] (3.3)	134.5 (8.4)	
$(CH_3)_2O$[b]	111783.0	$7_{0,7}$-$6_{1,6}$	3.5 (0.4)	65.3 (0.8)	20.4 (1.9)	159.4 (11.5)	
CH_3CHO	112248.7	$6_{1,6}$-$5_{1,5}$ A	3.8 (0.6)	61.8 (0.8)	31.7 (1.8)	226.9 (12.2)	bl
CH_3CHO	112254.5	$6_{-1,6}$-$5_{-1,5}$ E	3.8 (0.5)	77.3 (0.7)	31.7 (1.6)	0.2 (10.4)	bl
$C^{17}O$	112358.9	1-0	5.0 (0.5)	65.7 (0.7)	23.6 (1.7)	200.7 (11.8)	
Unidentified	112464.0		1.9 (1.0)	68.6 (4.0)	26.2 (8.0)	68.8 (20.0)	
C_2H_5OH	112807.1	$2_{2,1}$-$1_{1,0}$	4.2 (0.4)	67.2 (0.9)	30.3 (2.4)	130.9 (6.2)	
CN	113123.3	N=1-0, J=1/2-1/2, F=1/2-1/2	3.8 (0.4)	70.5[a] (0.5)	13.5 (1.1)	264.0[a] (14.6)	hf[a], ot, cd
CN	113144.1	N=1-0, J=1/2-1/2, F=1/2-3/2	0.8 (0.2)	[49.5, 79.5]	...	...	hf[a]
CN	113170.5	N=1-0, J=1/2-1/2, F=3/2-1/2	2.5 (0.2)	[49.5, 79.5]	...	...	hf[a]
CN	113191.3	N=1-0, J=1/2-1/2, F=3/2-3/2	1.9 (0.2)	[49.5, 79.5]	...	...	hf[a]
CN	113490.9	N=1-0, J=3/2-1/2, F=5/2-3/2	7.0 (0.2)	[49.5, 79.5]	...	...	hf
CN	113508.9	N=1-0, J=3/2-1/2, F=3/2-3/2	2.3 (0.2)	[49.5, 79.5]	...	...	hf[a]

Notes: (bl) blended line; (m) multitransition line (frequency refers to the main component of the group); (hf) hyperfine structure (frequency refers to the main component of the group); (hf[a]) hyperfine component, it is possible to resolve this hyperfine component since its frequency is sufficiently far from the frequencies of the other hyperfine components; (ot) transition less affected by opacity; (cl) this line is contaminated by the emission from an unknown molecular species; (al) absorption line; (cd) this transition have been used to derive the column density (although several transitions of this molecule have been detected, there is an insufficient dynamical range in E_u to derive the column density by using a RD).

[a] Parameter fixed in the Gaussian fit.

[b] Substates EE, AA, EA, AE blended, we show just the most intense transition.

[c] Frequency refers to species A.

Table 2. Line parameters for the $LOS-0.11$.

Molecule	Frequency (MHz)	Transition	Area (σ) (K km s^{-1})	V_{LSR} (σ) (km s^{-1})	$\Delta v_{1/2}$ (σ) (km s^{-1})	T_a^* (σ) (mK)	Notes
C_2H_3CN	77633.8	$8_{1,7}$-$7_{1,6}$	1.8 (0.4)	21.9 (1.2)	19.6 (2.9)	88.0 (12.0)	
CH_3CHO	79099.3	$4_{1,3}$-$3_{1,2}$ E	4.8 (0.5)	20.3 (0.7)	20.2 (1.6)	222.1 (15.6)	
CH_3CHO	79150.2	$4_{1,3}$-$3_{1,2}$ A	4.5 (0.8)	17.5 (1.2)	19.2 (2.7)	220.0[a] (23.9)	
$H^{13}CCCN$	79350.4	9_K-8_K, K=8-7, 9-8, 10-9	2.7 (0.5)	16.7 (1.1)	19.2 (2.8)	131.0[a] (11.7)	hf
NH_2CN	79449.7	$4_{1,4}$-$3_{1,3}$	5.9 (0.4)	20.1 (0.4)	19.2 (1.0)	290.0[a] (11.7)	
C_2H_5CN	79677.5	$9_{0,9}$-$8_{0,8}$	1.8 (0.3)	16.2 (1.2)	19.1 (2.9)	87.0[a] (9.4)	
HC_5N	79876.9	30-29	2.4 (0.3)	18.2 (0.8)	19.6 (1.8)	115.8 (9.4)	
NH_2CN	79963.2	$4_{2,3}$-$3_{2,2}$	1.3 (0.3)	17.6 (1.5)	19.0 (3.6)	65.0[a] (9.3)	m
NH_2CN	79979.5	$4_{0,4}$-$3_{0,3}$	2.5 (0.4)	21.2 (1.0)	19.0 (2.4)	124.0[a] (13.1)	
CH_2CO	80076.7	$4_{1,4}$-$3_{1,3}$	2.2 (0.2)	20.7 (0.5)	17.2 (1.1)	119.6 (6.2)	
Unidentified	80282.8		0.9 (0.2)	18.5 (1.0)	15.8 (2.3)	51.3 (6.2)	
Unidentified	80373.6		1.5 (0.4)	20.0 (2.5)	29.1 (5.5)	48.2 (8.3)	
C_2H_5CN	80404.9	$9_{2,8}$-$8_{2,7}$	1.0 (0.3)	17.2 (2.3)	24.7[a] (5.5)	39.2 (8.1)	
H_2C_2N	80480.9	$4_{0,4}$-$3_{0,3}$, J=9/2-7/2	2.1 (0.4)	17.6 (1.2)	19.7 (2.9)	100.3 (8.1)	hf[a], cd
H_2C_2N	80489.9	$4_{0,4}$-$3_{0,3}$, J=7/2-5/2	2.2 (0.4)	20.6 (1.0)	18.9 (2.5)	105.3 (8.6)	hf[a]
NH_2CN	80504.6	$4_{1,3}$-$3_{1,2}$	5.1 (0.6)	21.2 (0.6)	18.9 (1.5)	260.9 (17.7)	
$(CH_3)_2O$[b]	80538.5	$5_{2,3}$-$5_{1,4}$	1.9 (0.4)	20.2 (1.9)	28.4 (4.4)	61.8 (8.0)	
CH_2CO	80832.1	$4_{0,4}$-$3_{0,3}$	1.3 (0.3)	21.2 (1.6)	18.8 (3.8)	53.0[a] (7.1)	
CH_3OH	80993.2	$7_{2,6}$-$8_{1,7}$ A-	$\lesssim$0.3	...	...	$\lesssim$33	cd
HNO	81477.4	$1_{0,1}$-$0_{0,0}$	1.2 (0.2)	17.2[a] (1.2)	20.6 (2.7)	53.4 (6.4)	hf
CCS	81505.1	7_6-6_5	3.4 (0.5)	20.8 (1.0)	19.9 (2.3)	159.2 (13.4)	
$HC^{13}CCN$	81534.1	9_K-8_K, K=8-7, 9-8, 10-9	1.8 (0.2)	19.0 (0.6)	17.5 (1.5)	96.3 (4.8)	hf
$HCC^{13}CN$	81541.9	9_K-8_K, K=8-7, 9-8, 10-9	2.1 (0.2)	18.4 (0.5)	18.4 (1.2)	108.5 (5.0)	hf
CH_2CO	81586.2	$4_{1,3}$-$3_{1,2}$	2.4 (0.2)	15.9 (0.4)	18.7(0.9)	120.0[a] (4.52)	
NH_2CHO	81693.5	$4_{1,4}$-$3_{1,3}$	3.0 (0.3)	11.0 (0.7)	18.1 (1.7)	157.3 (10.0)	hf
HC_3N	81881.4	9-8	50.0 (0.6)	17.4 (0.1)	18.6 (0.2)	2527.7 (19.7)	
c-C_3H_2	82093.5	$2_{0,2}$-$1_{1,1}$	4.7 (0.3)	19.9 (0.3)	17.8 (0.8)	246.3 (9.1)	
HNCS, a-type	82101.8	$7_{0,7}$-$6_{0,6}$	0.9 (0.3)	21.2[a] (2.0)	18.5 (4.7)	45.0[a] (8.3)	
Unidentified	82198.8		0.6 (0.2)	17.2 (1.8)	18.5 (4.3)	30.2 (5.5)	
C_2H_5CN	82458.5	$9_{1,8}$-$8_{1,7}$	1.4 (0.4)	23.9 (1.8)	18.5 (4.2)	69.0[a] (10.3)	
$HCOCH_2OH$	82470.6	$8_{0,8}$-$7_{1,7}$	$\lesssim$0.7	...	...	$\lesssim$60)	
HC_5N	82539.2	31-30	1.9 (0.4)	18.0 (0.6)	21.0 (1.6)	76.3 (3.7)	
NH_2CHO	82549.5	$1_{1,1}$-$0_{0,0}$	0.4 (0.1)	17.2 (1.4)	18.4 (3.4)	25.1 (4.0)	hf, cl
c-C_3H_2	82966.2	$3_{1,2}$-$3_{0,3}$	2.1 (0.1)	18.1 (0.4)	18.4 (1.0)	108.3 (4.8)	
$OC^{34}S$	83057.9	7-6	$\lesssim$0.3	...	...	$\lesssim$39	
$HNC^{18}O$	83191.5	$4_{0,4}$-$3_{0,3}$	$\lesssim$0.1	...	...	$\lesssim$30	hf
C_2H_3CN	83207.5	$9_{1,9}$-$8_{1,8}$	0.7 (0.2)	18.2[a] (1.2)	17.2 (2.8)	37.7 (5.2)	
SO_2	83688.0	$8_{1,7}$-$8_{0,8}$	1.0 (0.2)	18.6 (1.0)	17.5 (2.4)	55.6 (6.5)	
Unidentified	83900.3		2.0 (0.2)	14.6 (0.5)	16.7 (1.1)	111.0 (6.2)	
^{13}CCH	84153.3	N=1-0, F_1=1-0, F=3/2-1/2	1.0 (0.3)	27.9 (2.3)	27.1 (5.4)	34.1 (5.9)	hf
CH_3CHO	84219.7	$2_{1,2}$-$1_{0,1}$ A	0.9 (0.6)	22.2[a] (3.4)	18.1 (...)	47.0[a] (6.1)	
CH_3OH	84521.1	$5_{-1,5}$-$4_{0,4}$ E	50.0 (2.0)	19.0 (0.2)	15.0 (0.5)	3140.3 (80.2)	
NH_2CHO	84542.4	$4_{0,4}$-$3_{0,3}$	3.9 (0.3)	19.3 (0.4)	16.4 (1.0)	223.7 (8.2)	hf
^{30}SiO	84745.9	2-1	1.8 (0.2)	19.7 (0.5)	17.8 (1.1)	95.0 (5.2)	
NH_2CHO	84807.9	$4_{2,3}$-$3_{2,2}$	0.5 (0.1)	21.2 (0.6)	10.4 (1.3)	41.2 (4.7)	hf
$O^{13}CS$	84865.1	7-6	$\lesssim$0.3	...	...	$\lesssim$36	
C_2H_3CN	84946.0	$9_{0,9}$-$8_{0,8}$	1.0 (0.1)	18.8 (0.6)	15.4 (1.3)	60.3 (4.3)	
$^{13}CH_3OH$	84970.2	$8_{0,8}$-$7_{1,7}$ A+	$\lesssim$0.2	...	...	$\lesssim$24	
NH_2CHO	85093.3	$4_{2,2}$-$3_{2,1}$	1.1 (0.3)	21.8 (1.5)	20.0 (3.5)	53.1 (7.6)	hf
OCS	85139.1	7-6	10.3 (0.4)	17.9 (0.2)	18.2 (0.6)	534.9 (12.9)	
$HC^{18}O^+$	85162.1	1-0	1.2 (0.2)	23.4 (1.2)	20.9 (2.8)	55.6 (6.4)	
HC_5N	85201.6	32-31	2.0 (0.4)	22.8 (1.2)	17.9 (2.9)	104.1 (13.2)	
$C^{13}CH$	85229.3	N=1-0, F1=2-1 F=5/2-3/2	$\lesssim$0.7	...	...	$\lesssim$81	hf
C_2H_5OH	85265.5	$6_{0,6}$-$5_{1,5}$	3.3 (0.2)	21.2 (0.3)	18.7[a] (0.7)	163.8 (5.7)	cl
$H^{15}NCO$	85292.1	$4_{0,4}$-$3_{0,3}$	$\lesssim$0.3	...	...	$\lesssim$27	
c-C_3H_2	85338.8	$2_{1,2}$-$1_{0,1}$	0.8 (0.2)	19.2[a] (2.1)	18.0 (5.0)	40.0[a] (6.0)	
HCS^+	85347.9	2-1	2.5 (0.6)	21.8 (1.7)	17.8 (4.2)	133.4 (13.3)	
$CH_3^{13}CCH$	85421.8	5_K-4_K, K=0, 1	$\lesssim$0.3	...	...	$\lesssim$39	m
CH_3CCH	85442.5	5_3-4_3	0.8 (0.1)	21.2[a] (7.4)	17.8 (...)	42.1 (...)	
CH_3CCH	85450.7	5_2-4_2	0.9 (0.2)	22.2[a] (1.1)	17.8 (2.9)	47.8 (5.1)	bl
CH_3CCH	85457.2	5_K-4_K, K=0, 1	3.7 (0.3)	18.5 (0.5)	17.8 (1.1)	196.7 (9.5)	m
$HOCO^+$	85531.5	$4_{0,4}$-$3_{0,3}$	6.7 (0.2)	18.5 (0.2)	18.4 (0.5)	341.1 (8.3)	
^{29}SiO	85759.0	2-1	4.1 (0.6)	21.8 (1.0)	21.8 (2.4)	177.0[a] (16.2)	
$HC^{15}N$	86054.9	1-0	3.6 (0.4)	[-0.8 47.2]	...	...	
SO	86093.9	2_2-1_1	3.3 (0.9)	19.9 (1.7)	18.9 (4.0)	162.0[a] (29.0)	
$H^{13}CN$	86340.1	1-0, F=1-1, 2-1, 0-1	27.1 (0.3)	[-0.8 47.2]	...	...	hf
HCO	86708.3	$1_{0,1}$-$0_{0,0}$, J=3/2-1/2, F=1-0	$\lesssim$0.8	...	...	$\lesssim$ 96	hf[a]
$H^{13}CO^+$	86754.2	1-0	10.1 (0.3)	[0.2 36.2]	...	...	
SiO	86846.9	2-1	33.2 (0.9)	18.2[a] (0.2)	20.3 (0.4)	1537.8 (27.4)	
$HN^{13}C$	87090.8	1-0	14.4 (0.6)	16.8 (0.3)	19.3 (0.6)	697.2 (18.2)	
CCH	87284.1	N=1-0, J=3/2-1/2, F=1-1	3.9 (0.4)	19.8 (0.6)	21.3 (1.5)	173.8 (11.6)	hf[a], cd
CCH	87316.9	N=1-0, J=3/2-1/2, F=2-1	19.3 (0.7)	18.5 (0.2)	18.6 (0.5)	971.7 (22.3)	hf[a]
CCH	87328.6	N=1-0, J=3/2-1/2, F=1-0	7.0 (0.6)	18.3 (0.5)	15.7 (1.1)	419.0 (24.3)	hf[a]
CCH	87402.0	N=1-0, J=1/2-1/2, F=1-1	16.4 (0.7)	15.6 (0.4)	26.1 (0.9)	590.0[a] (14.4)	hf[a], bl
CCH	87407.1	N=1-0, J=1/2-1/2, F=0-1	4.0 (1.9)	20.8 (5.8)	22.5 (7.5)	164.8 (58.9)	hf[a], bl
CCH	87446.5	N=1-0, J=1/2-1/2, F=1-0	2.9 (0.6)	18.1 (1.1)	17.5 (2.5)	157.4 (19.1)	hf[a]

Table 2 – *continued*

Molecule	Frequency (MHz)	Transition	Area (σ) (K km s^{-1})	V_{LSR} (σ) (km s^{-1})	$\Delta_{v_{1/2}}$ (σ) (km s^{-1})	T_a^* (σ) (mK)	Notes
HNCO	87597.3	$4_{1,4}$-$3_{1,3}$	1.4 (0.5)	19.2[a] (2.1)	17.4 (5.1)	75.0[a] (13.4)	hf
NH_2CHO	87848.9	$4_{1,3}$-$3_{1,2}$	4.1 (0.5)	17.9 (0.7)	18.4 (1.8)	211.3 (17.5)	hf
HC_5N	87863.9	33-32	2.3 (0.4)	20.0 (0.9)	17.3 (2.2)	126.6 (12.5)	
HNCO	87925.2	$4_{0,4}$-$3_{0,3}$	62.4 (1.1)	17.7 (0.1)	17.5 (0.2)	3358.4 (39.0)	hf
$H^{13}CCCN$	88166.8	10_K-9_K, K=10-9, 11-10, 9-8	2.1 (0.4)	23.6 (1.0)	17.3 (2.4)	113.3 (11.0)	hf
HCN	88631.8	1-0, F=0-1, 1-1, 2-1	123.8 (0.2)	[-0.8 47.2]	...	...	hf
CH_3OCHO	88843.2	$7_{1,6}$-$6_{1,5}$ E	1.2 (0.4)	17.7 (2.1)	17.1 (5.1)	65.0[a] (11.3)	
$H^{15}NC$	88865.7	1-0	1.1 (0.2)	21.5 (1.3)	20.2 (3.2)	52.1 (7.8)	
HCO^+	89188.5	1-0	74.2 (0.2)	[0.2 36.2]	...	...	
HCCNC	89419.3	9-8	$\lesssim$0.3	...	...	$\lesssim$39	hf
HOC^+	89487.4	1-0	$\lesssim$0.3	...	...	$\lesssim$39	
HCOOH	89579.1	$4_{0,4}$-$3_{0,3}$	1.2 (0.2)	18.6 (0.9)	18.4 (2.1)	60.6 (6.2)	cd
HCOOH	89861.4	$4_{2,3}$-$3_{2,2}$	1.7 (0.3)	20.3 (2.3)	30.0 (4.1)	46.1 (6.7)	
C_2H_5OH	90117.6	$4_{1,4}$-$3_{0,3}$	2.5 (0.2)	18.6 (0.5)	16.9 (1.1)	138.4 (7.8)	cd
CH_3COOH	90203.3	$8_{*,8}$-$7_{*,7}$ E	$\lesssim$0.3	...	...	$\lesssim$36	
HC_5N	90526.2	34-33	2.0 (0.2)	19.1 (0.7)	18.4 (1.6)	102.0 (8.1)	
$HC^{13}CCN$	90593.0	10_K-9_K, K=9-8, 10-9, 11-10	1.9 (0.2)	20.5 (0.6)	16.8 (1.5)	103.3 (7.6)	hf
$HCC^{13}CN$	90601.7	10_K-9_K, K=9-8, 10-9, 11-10	0.8 (0.2)	18.7 (1.3)	15.1 (3.2)	52.2 (8.6)	hf
HNC	90663.5	1-0	101.3 (3.6)	19.1 (0.3)	25.7 (0.7)	3709.2 (85.1)	
SiS	90771.5	5-4	1.4 (0.3)	21.2[a] (1.1)	16.8 (2.6)	78.5 (11.0)	
$(CH_3)_2O$[b]	90938.0	$6_{0,6}$-$5_{1,5}$	2.5 (0.5)	17.8 (2.0)	27.7 (4.7)	84.0[a] (8.8)	
HC_3N	90979.0	10-9	47.4 (0.8)	18.3 (0.1)	18.2 (0.2)	2441.8 (26.1)	
C_2H_5CN	91549.1	$10_{1,9}$-$9_{1,8}$	1.1 (0.5)	20.3 (2.3)	16.6 (6.1)	64.0[a] (13.1)	
Unidentified	91848.0		3.1 (0.4)	23.0 (1.3)	24.9 (2.9)	115.9 (8.0)	
CH_3CN, v8=0,1	91959.2	5_4-4_4	1.0 (0.3)	21.6 (1.3)	12.3 (3.2)	75.9 (16.6)	hf
CH_3CN, v8=0,1	91971.3	5_3-4_3	4.5 (0.4)	20.8 (0.4)	15.2 (1.0)	277.2 (14.6)	hf
CH_3CN, v8=0,1	91980.0	5_2-4_2	4.6 (0.5)	20.2[a] (0.5)	16.6 (1.2)	259.0[a] (16.4)	hf
CH_3CN, v8=0,1	91987.0	5_K-4_K, K=0, 1	17.9 (0.5)	17.2[a] (0.2)	21.1 (0.5)	793.5 (13.0)	hf, m
^{13}CS	92494.3	2-1	5.7 (0.2)	18.7 (0.2)	21.3 (0.6)	251.8 (5.6)	
Unidentified	92724.8		0.8 (0.2)	17.2 (1.4)	16.4 (3.3)	46.5 (7.7)	
NH_2CHO	105464.2	$5_{0,5}$-$4_{0,4}$	2.0 (0.4)	22.5 (0.8)	14.4 (2.0)	127.3 (14.5)	hf
CH_2NH	105793.9	$4_{0,4}$-$3_{1,3}$	1.9 (0.6)	17.8 (2.6)	20.5 (5.9)	90.2 (12.7)	hf, bl
$H^{13}CCCN$	105799.0	12_K-11_K, K=12-11, 13-12, 11-10	1.0 (0.5)	13.2[a] (3.3)	14.4 (6.7)	66.0[a] (18.8)	hf, bl
Unidentified	106273.2		6.4 (0.6)	17.4 (0.7)	24.3 (1.6)	247.0 (14.2)	
CCS	106347.7	8_9-7_8	1.9 (0.5)	20.1 (1.6)	18.7 (4.1)	93.5 (12.5)	
$HOCO^+$	106913.5	$5_{0,5}$-$4_{0,4}$	4.7 (0.4)	20.7 (0.4)	15.3 (1.0)	290.4 (17.5)	
CH_3OH	107013.8	$3_{1,3}$-$4_{0,4}$ A+	-2.7 (...)	19.4 (2.3)	33.8 (5.0)	-76.0 (...)	al
$^{13}CH_3CN$	107196.5	6_K-5_K, K=0, 1	$\lesssim$0.5	...	...	$\lesssim$69	hf, m
^{13}CN	108636.9	N=1-0, F1=0, F2=1-0, F=1-1	2.6 (0.6)	21.0[a] (4.0)	35.0 (8.0)	69.0[a] (5.8)	hf, cd
^{13}CN	108651.2	N=1-0, F1=0, F2=1-0, F=2-1	1.6 (0.4)	15.4[a] (1.7)	21.0 (4.0)	73.0 (10.0)	hf
$HC^{13}CCN$	108710.5	12_K-11_K, K=12-11, 13-12, 11-10	1.5 (0.3)	19.1 (1.5)	18.2 (3.5)	77.9 (9.4)	hf
$HCC^{13}CN$	108721.0	12_K-11_K, K=12-11, 13-12, 11-10	1.3 (0.3)	19.1 (1.2)	14.0[a] (2.8)	86.0[a] (10.5)	hf
^{13}CN	108780.2	N=1-0, F1=1, F2=2-1, F=3-2	2.1 (0.4)	14.7 (1.0)	20.9 (2.3)	98.5 (11.7)	hf
^{13}CN	108786.9	N=1-0, F1=1, F2=2-1, F=1-0	0.7 (0.3)	22.2[a] (0.8)	7.0 (2.0)	98.0 (20.5)	hf[a]
CH_3OH	108893.9	$0_{0,0}$-$1_{-1,1}$ E	10.3 (0.3)	17.5 (0.2)	20.6 (0.5)	471.5 (10.0)	
HC_3N	109173.6	12-11	24.3 (0.5)	17.5 (0.1)	16.5 (0.3)	1389.9 (19.0)	
SO	109252.2	3_2-2_1	3.7 (1.2)	21.2 (2.5)	17.7 (4.9)	196.0[a] (30.9)	
Unidentified	109353.8		1.9 (0.3)	20.4 (0.9)	20.1 (2.2)	83.3 (7.2)	
OCS	109463.0	9-8	8.9 (0.4)	20.0 (0.3)	19.1 (0.7)	440.5 (12.9)	
HNCO	109496.0	$5_{1,5}$-$4_{1,4}$	0.8 (0.5)	14.2[a] (2.7)	13.9 (7.4)	55.0[a] (13.9)	hf
NH_2CHO	109753.5	$5_{1,4}$-$4_{1,3}$	2.2 (0.6)	22.0 (1.2)	13.9 (2.8)	148.7 (26.1)	hf
$C^{18}O$	109782.1	1-0	9.5 (0.8)	15.1 (0.6)	21.7 (1.4)	441.8 (22.7)	bl
			2.5 (0.8)	55.2 (2.1)	21.7 (5.1)	108.0 (22.6)	
HNCO	109905.7	$5_{0,5}$-$4_{0,4}$	58.3 (1.1)	18.2 (0.1)	18.4 (0.3)	2980.2 (36.1)	hf
^{13}CO	110201.3	1-0	83.6 (3.1)	16.0 (0.3)	21.2 (0.6)	3701.9 (87.0)	
			27.2 (3.2)	50.2[a] (0.8)	20.7 (2.0)	1231.5 (82.9)	
$CH_3^{13}CN$	110328.8	6_K-5_K, K=0, 1	$\lesssim$0.7	...	...	$\lesssim$87	hf, m
CH_3CN, v8=0,1	110349.7	6_4-5_4	1.0 (0.5)	18.7 (2.5)	15.6 (5.9)	57.6 (21.7)	hf
CH_3CN, v8=0,1	110364.4	6_3-5_3	3.8 (0.6)	19.2 (0.8)	16.9 (1.9)	212.7 (20.87)	hf
CH_3CN, v8=0,1	110374.9	6_2-5_2	3.14 (0.6)	19.2[a] (0.9)	13.8 (2.2)	214.0[a] (21.3)	hf
CH_3CN, v8=0,1	110383.4	6_K-5_K, K=0, 1	13.1 (0.7)	16.7 (0.4)	21.3 (1.0)	576.8 (18.3)	hf, m
$(CH_3)_2O$[b]	111783.0	$7_{0,7}$-$6_{1,6}$	3.0 (0.9)	19.1 (2.8)	27.2 (6.6)	103.1 (20.4)	
CH_3CHO	112248.7	$6_{1,6}$-$5_{1,5}$ A	1.2 (0.6)	17.2[a] (2.4)	13.6 (4.8)	84.0[a] (28.1)	bl
CH_3CHO	112254.5	$6_{-1,6}$-$5_{-1,5}$ E	2.0 (0.6)	21.2[a] (1.6)	13.6 (3.7)	139.0[a] (9.3)	bl
$C^{17}O$	112359.2	1-0	3.9 (1.1)	15.2[a] (3.7)	27.1 (6.3)	134.0[a] (20.2)	bl
			2.9 (0.5)	42.9 (1.4)	20.3 (2.7)	135.8 (11.5)	
C_2H_5OH	112807.1	$2_{2,1}$-$1_{1,0}$	1.6 (0.4)	17.5 (1.1)	13.5 (2.5)	114.3 (14.6)	
C_2H_3CN	112840.6	$12_{0,12}$-$11_{0,11}$	0.7 (0.3)	19.7 (1.0)	7.5[a] (2.4)	91.0[a] (25.1)	
CN	113123.3	N=1-0, J=1/2-1/2, F=1/2-1/2	5.5 (0.5)	13.9 (0.6)	20.6 (1.4)	248.8 (15.2)	hf[a], ot, cd
CN	113144.1	N=1-0, J=1/2-1/2, F=1/2-3/2	6.2 (0.5)	15.51 (0.6)	23.7 (1.5)	247.7 (14.6)	hf[a]
CN	113170.5	N=1-0, J=1/2-1/2, F=3/2-1/2	11.4 (0.2)	[-0.2, 32.2]	...	...	hf[a]

Table 2 – *continued*

Molecule	Frequency (MHz)	Transition	Area (σ) (K km s^{-1})	V_{LSR} (σ) (km s^{-1})	$\Delta v_{1/2}$ (σ) (km s^{-1})	T_a^* (σ) (mK)	Notes
CN	113191.3	N=1-0, J=1/2-1/2, F=3/2-3/2	6.5 (0.2)	[-0.2, 32.2]	...	...	hf[a]
CN	113490.9	N=1-0, J=3/2-1/2, F=5/2-3/2	22.4 (0.4)	[-0.2, 32.2]	...	...	hf
CN	113508.9	N=1-0, J=3/2-1/2, F=3/2-3/2	7.9 (0.4)	[-0.2, 32.2]	...	...	hf[a]

Notes: (bl) blended line; (m) multitransition line (frequency refers to the main component of the group); (hf) hyperfine structure (frequency refers to the main component of the group); (hf[a]) hyperfine component, it is possible to resolve this hyperfine component since its frequency is sufficiently far from the frequencies of the other hyperfine components; (ot) transition less affected by opacity; (cl) this line is contaminated by the emission from an unknown molecular species; (al) absorption line; (cd) this transition have been used to derive the column density (although several transitions of this molecule have been detected, there is an insufficient dynamical range in E_u to derive the column density by using a RD).

[a] Parameter fixed in the Gaussian fit.

[b] Substates EE, AA, EA, AE blended, we show just the most intense transition.

[c] Frequency refers to species A.