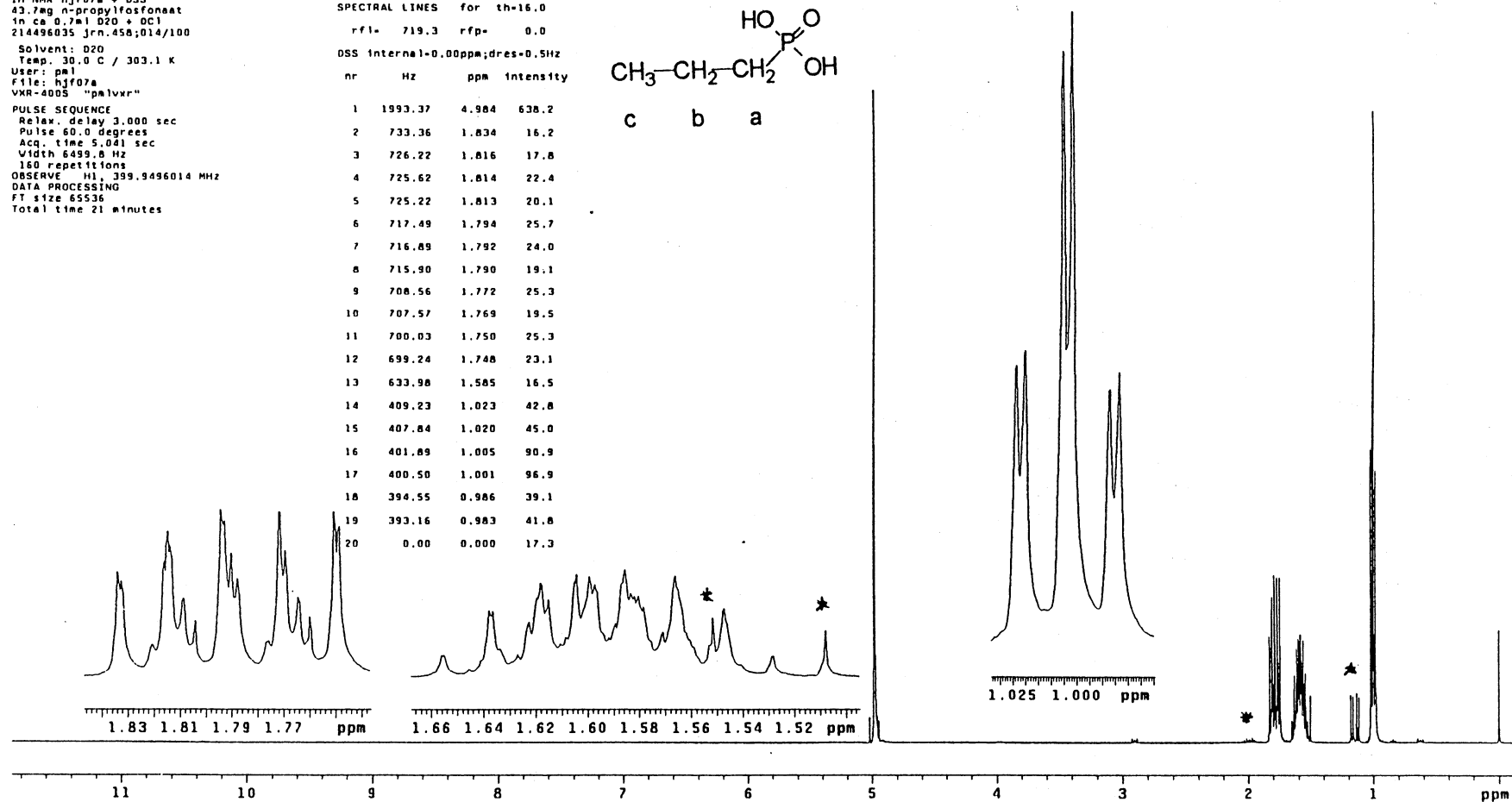
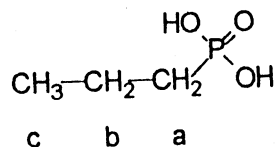


1H-NMR hjf07a + OSS  
43.7mg n-propylfosfonat  
in ca 0.7ml D2O + DCI  
214496035 jrn.458;014/100

Solvent: D2O  
Temp. 30.0 C / 303.1 K  
User: pal  
File: hjf07a  
VXR-400S "palvvr"  
PULSE SEQUENCE  
Relax. delay 3.000 sec  
Pulse 60.0 degrees  
Acq. time 5.041 sec  
Width 6499.8 Hz  
160 repetitions  
OBSERVE H1, 399.9496014 MHz  
DATA PROCESSING  
FT size 65536  
Total time 21 minutes

SPECTRAL LINES for th=16.0

nr	Hz	ppm	intensity
1	1993.37	4.984	638.2
2	733.36	1.834	16.2
3	726.22	1.816	17.8
4	725.62	1.814	22.4
5	725.22	1.813	20.1
6	717.49	1.794	25.7
7	716.89	1.792	24.0
8	715.90	1.790	19.1
9	708.56	1.772	25.3
10	707.57	1.769	19.5
11	700.03	1.750	25.3
12	699.24	1.748	23.1
13	633.98	1.585	16.5
14	409.23	1.023	42.8
15	407.84	1.020	45.0
16	401.89	1.005	90.9
17	400.50	1.001	96.9
18	394.55	0.986	39.1
19	393.16	0.983	41.8
20	0.00	0.000	17.3



n-Propylphosphonic acid  
CAS 4672-38-2  
Nucleus : <sup>1</sup>H  
Frequency : 400.0 MHz  
Concentration 43.7 mg/0.72 ml D<sub>2</sub>O + DCI (pH 1 à 2)  
Reference DSS internal. Resolution : 0.5 Hz (DSS)  
Instrument : Varian VXR 400S

Temperature : 30 °C  
Spectral width : 6499.8 Hz  
Data point (FID) : 64 K  
Pulse angle : 16.4 μs (60°)  
Number of pulses : 160  
Repetition time : 8.0 s  
Line broadening : not used  
Data points (spec) : 64 K

a: 1.79 ppm    J(bc) : 7.3 Hz    J(aP) : 17.6 Hz  
b: 1.59 ppm    J(bP) : 13.1 Hz  
c: 1.00 ppm    J(cP) : 1.4 Hz