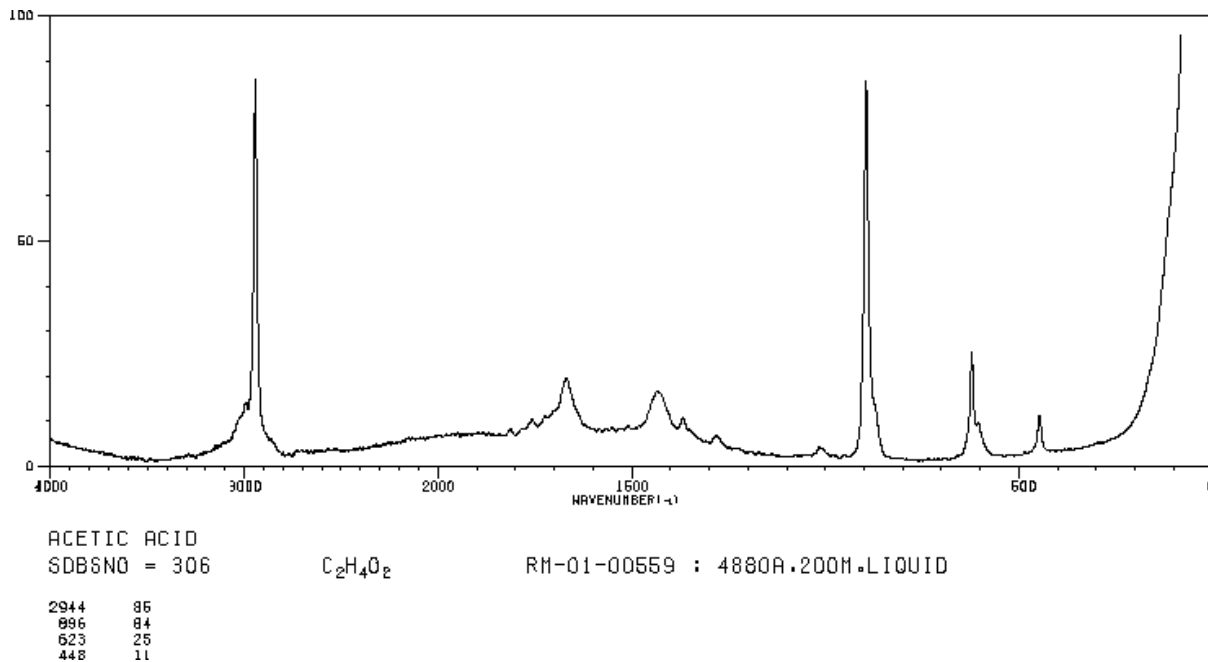


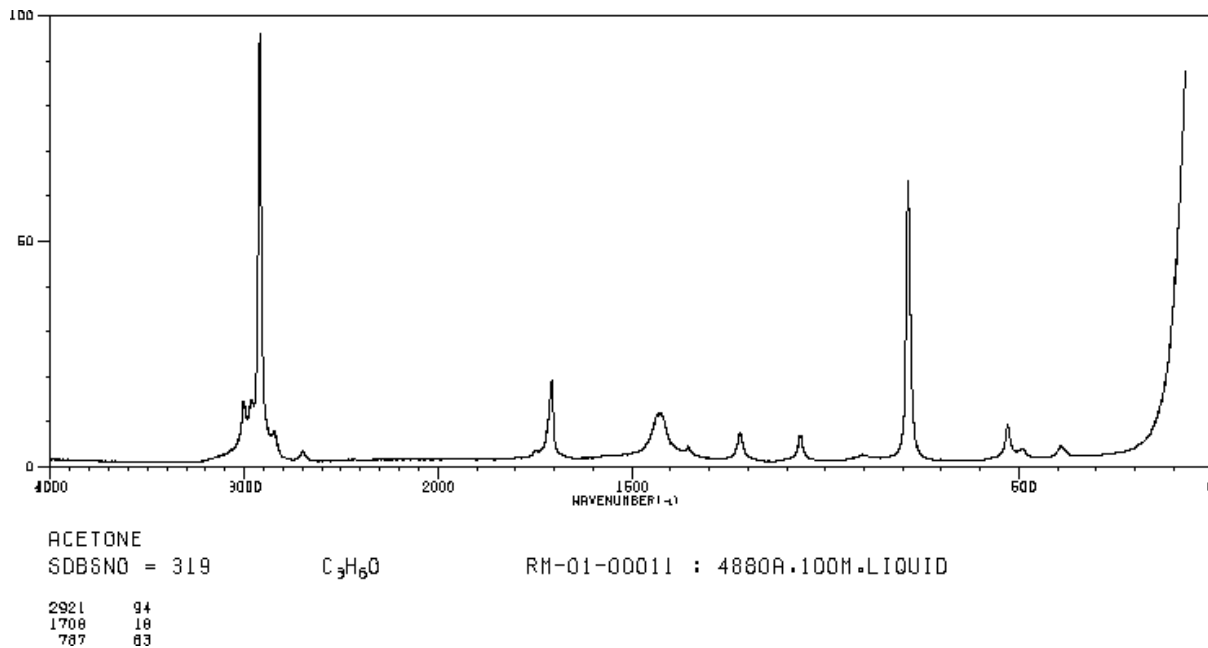
Literature Raman spectra

((Spectra are from SDBS Web data: <http://sdb.sdb.aist.go.jp> (National Institute of Advanced Industrial Science and Technology, 1st September 2016)

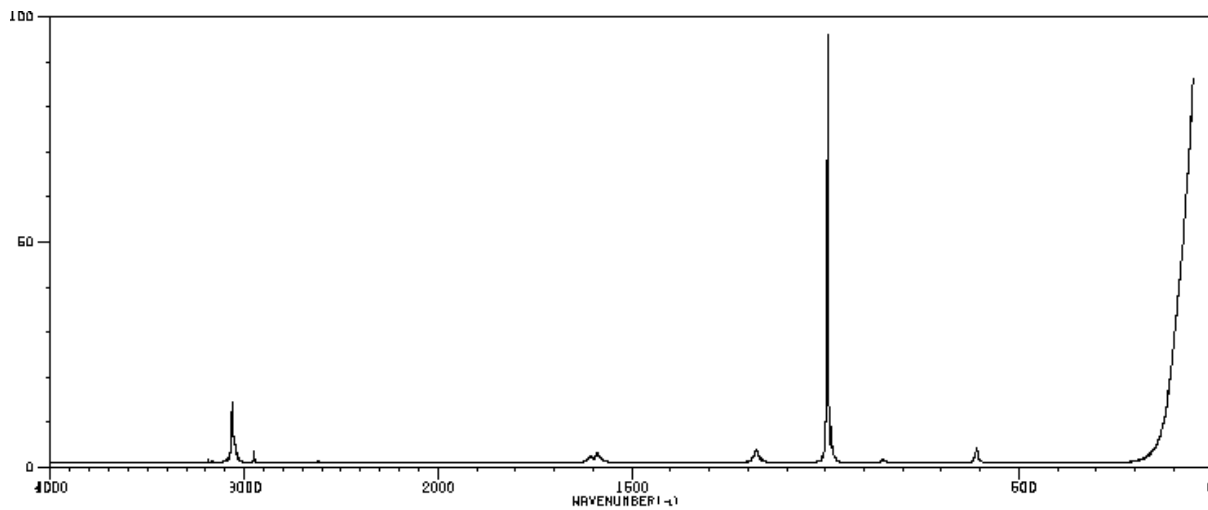
Acetic acid



Acetone



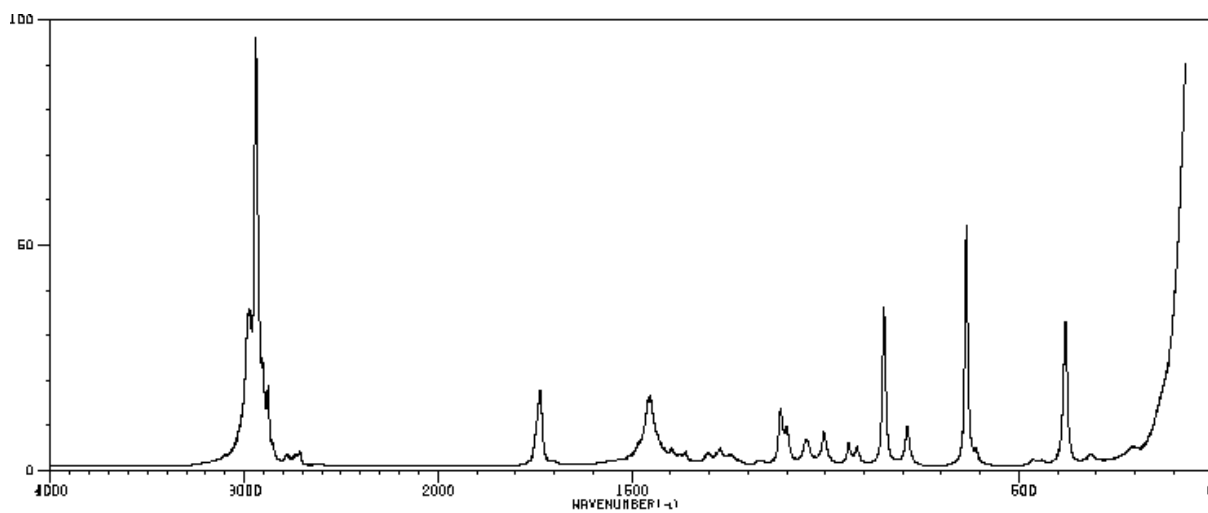
Benzene



BENZENE
SDBSN0 = 898 C₆H₆ RM-01-00014 : 4880A.100M.LIQUID

3063 14
996 96

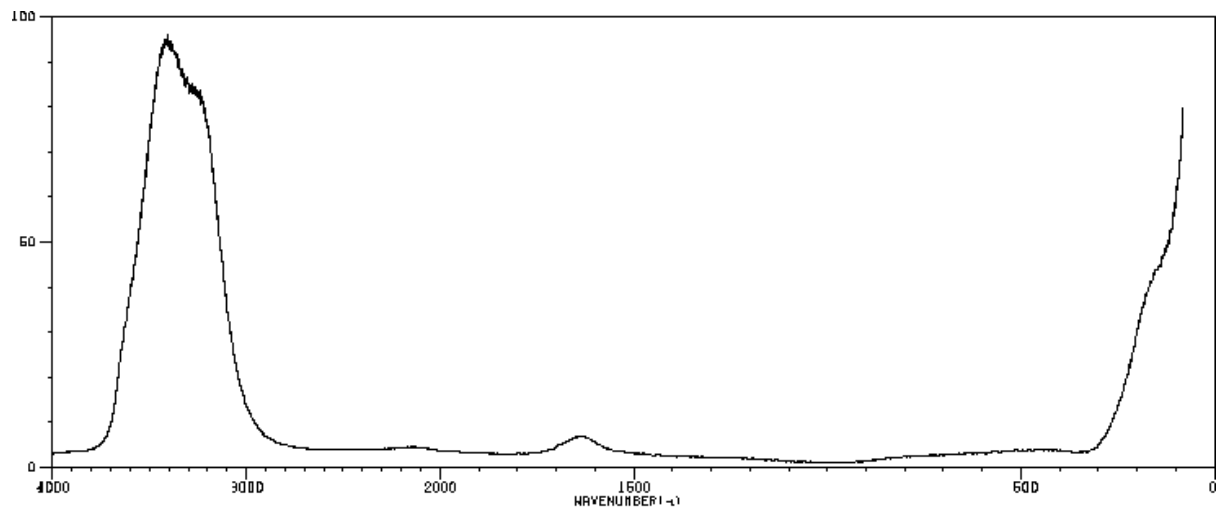
Ethyl acetate



ETHYL ACETATE
SDBSN0 = 889 C₄H₈O₂ RM-01-00122 : 4880A.100M.LIQUID

2974 35
2943 96
2878 18
1738 17
1117 13
849 34
637 52
381 32

Water



WATER

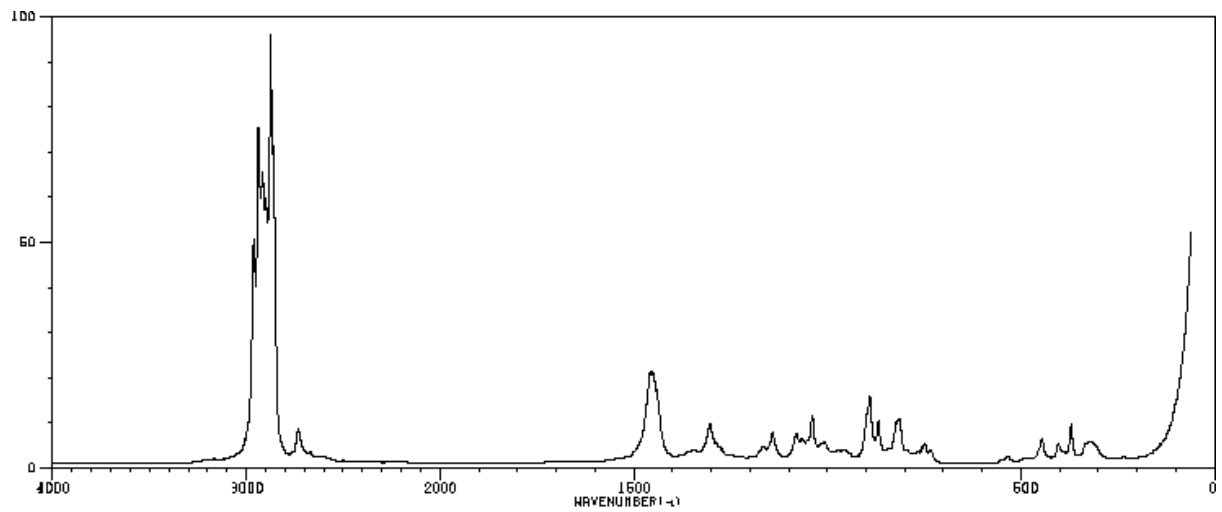
SDBSNO = 4544

H₂O

RM-01-00034 : 4880A.200M.LIQUID

3439	92
3423	94
3405	95
3396	94
3362	90
3330	88
3308	86
3227	82
3200	77

Hexane



HEXANE

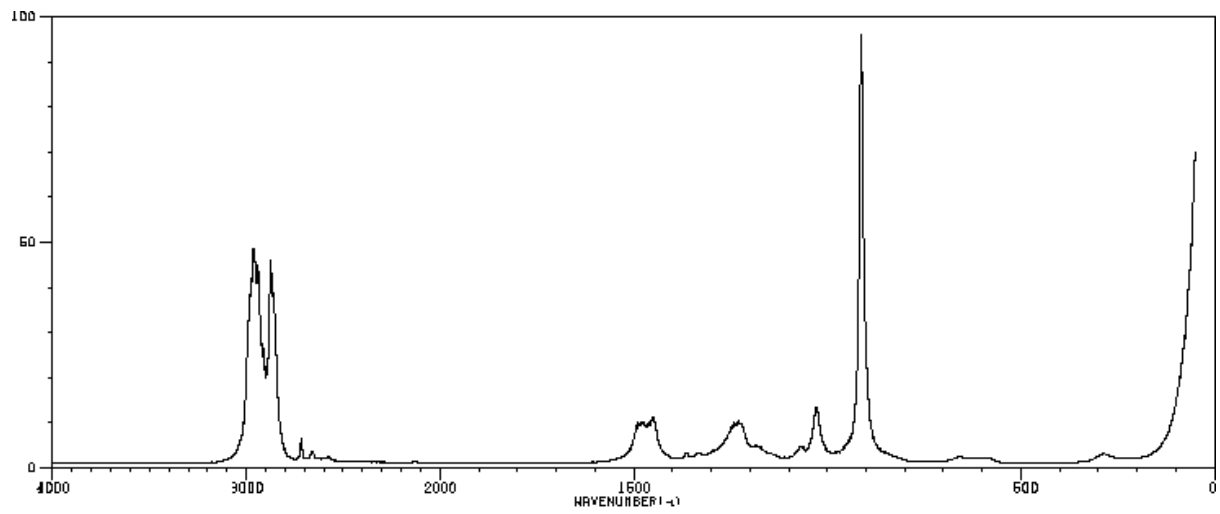
SDBSNO = 2118

C₆H₁₄

RM-01-00880 : 4880A.200M.LIQUID

2963	50
2939	76
2917	85
2901	59
2876	95
2863	72
1040	11
892	15
871	10

Tetrahydrofuran



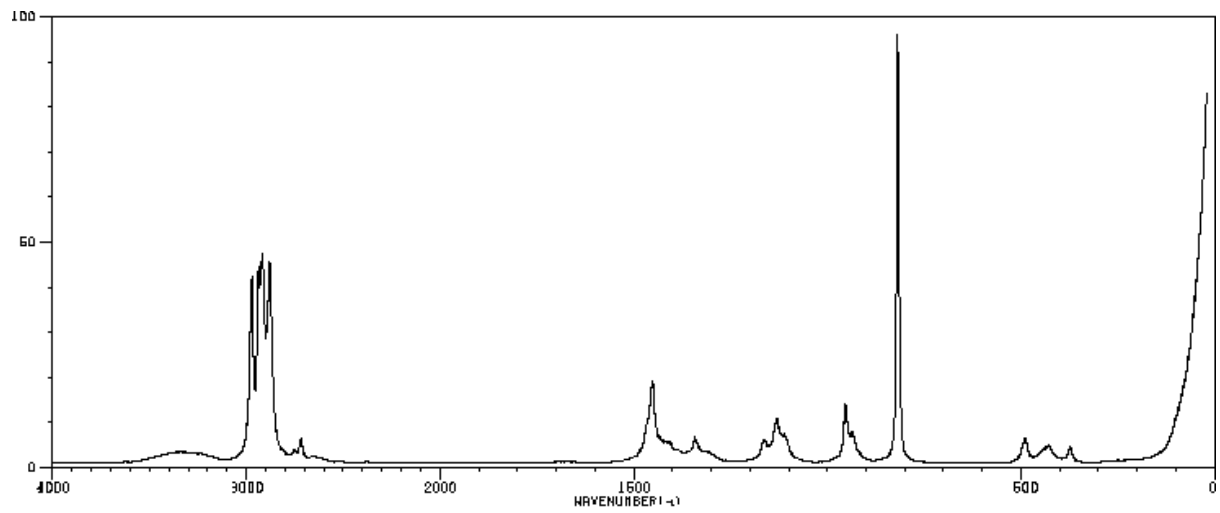
TETRAHYDROFURAN
SDBSN0 = 497



RM-01-00020 : 4880A.200M.LIQUID

2964	48
2940	44
2876	45
1030	13
914	96

Isopropanol (2-propanol)



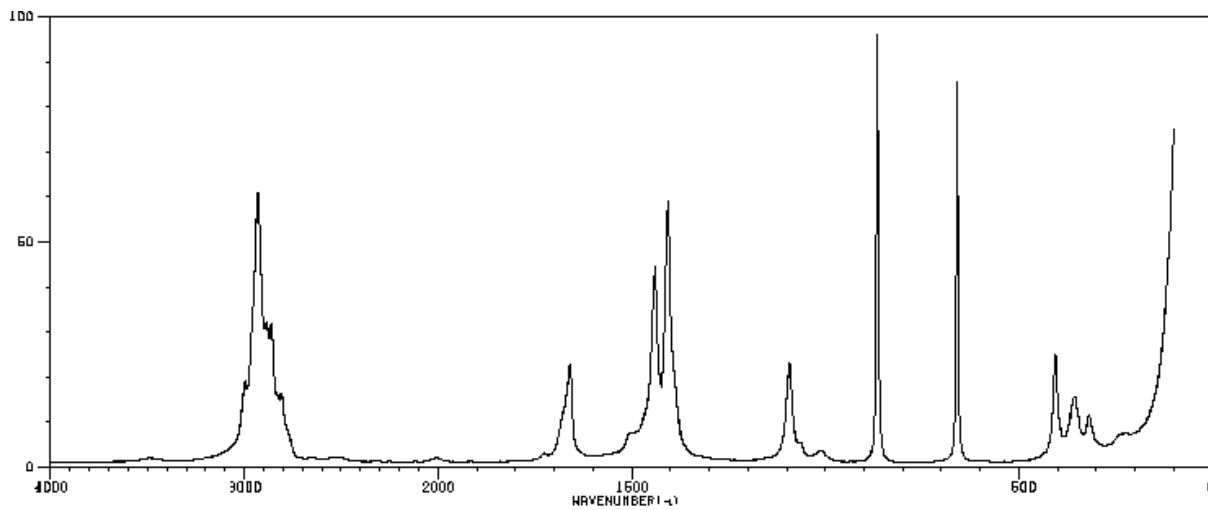
2-PROPANOL
SDBSN0 = 2149



RM-01-00029 : 4880A.150M.LIQUID

2972	41
2938	44
2919	45
2881	45
1464	18
1132	10
955	13
820	95

N,N-Dimethylformamide



N,N-DIMETHYLFORMAMIDE

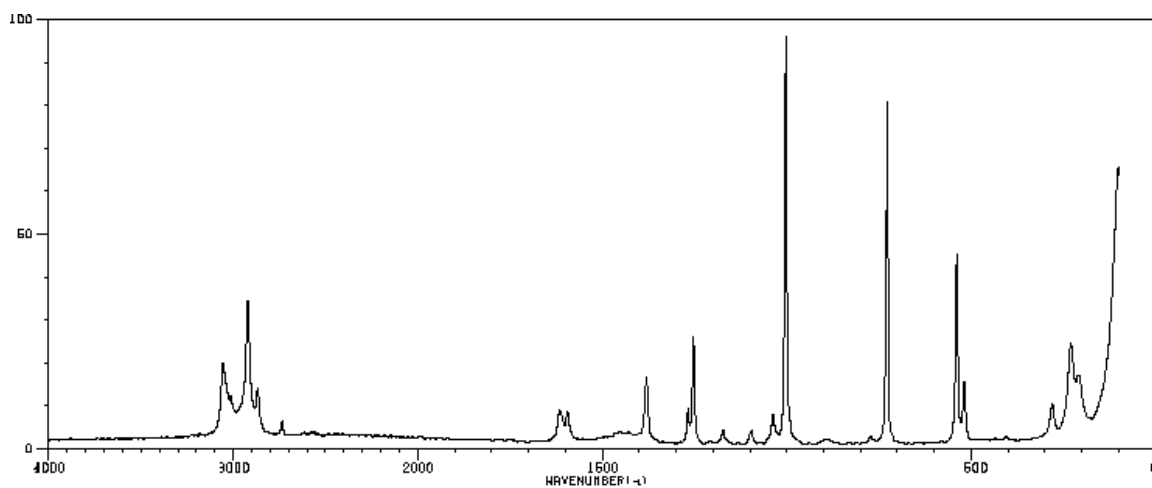
SDBSN0 = 324

C₃H₇NO

RM-01-00024 : 4880A.150M.LIQUID

2934	60
2861	31
1661	22
1441	43
1408	58
1096	22
867	95
560	85
407	23
319	11

Xylene (xylene has three isomers ; m-xylene(meta-xylene) ,o-xylene (ortho-xylene) ,p-xylene (para-xylene))



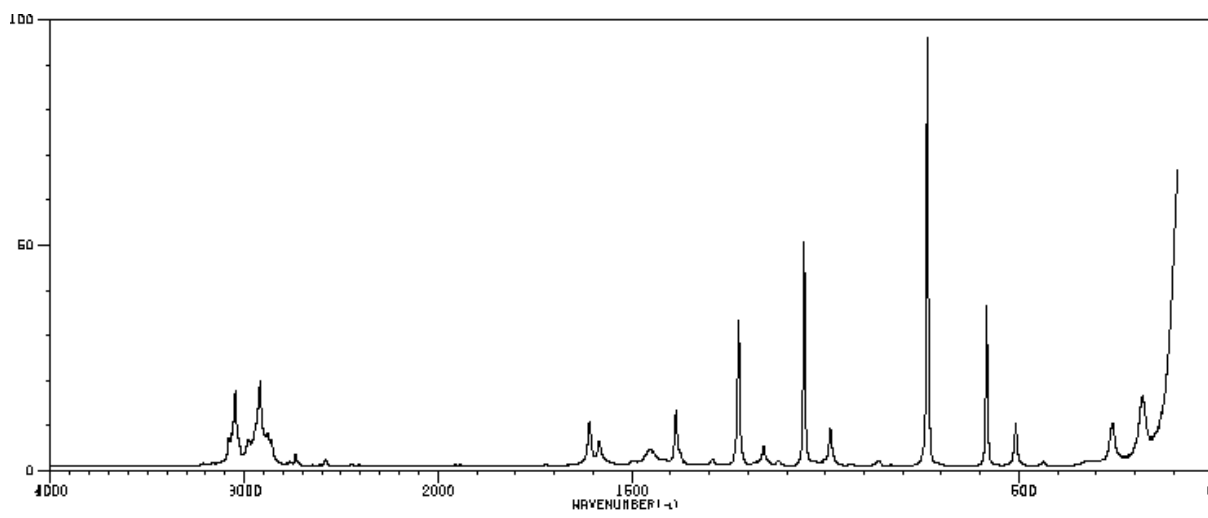
M-XYLENE

SDBSN0 = 1032

C₈H₁₀

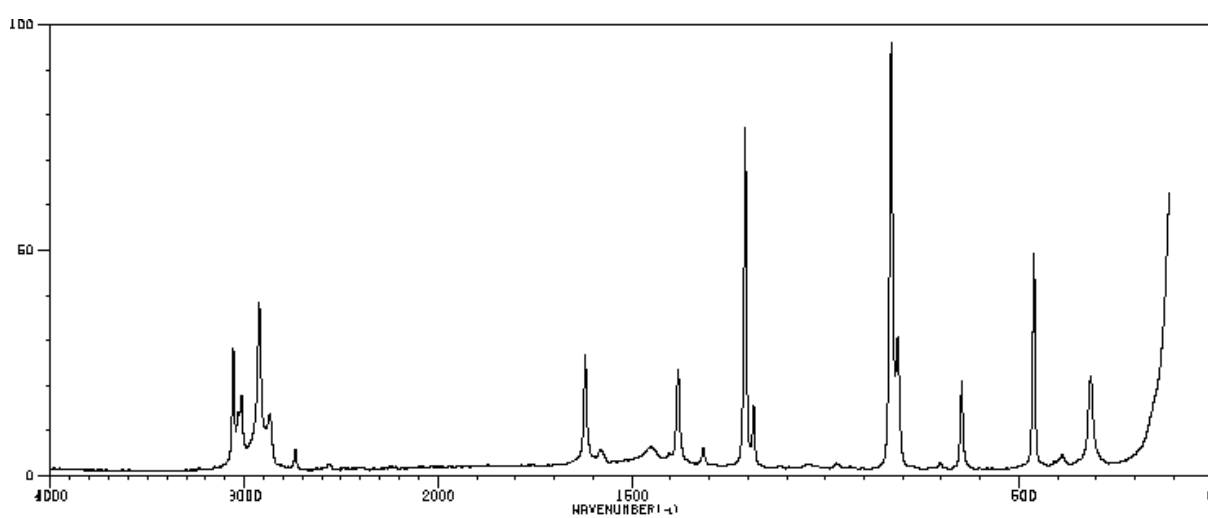
RM-01-01730 : 4880A.200M.LIQUID

2923	34
2869	14
1581	16
1254	25
1004	95
728	80
540	45
519	15
292	10
231	24



O-XYLENE
 SDBSNQ = 1028 C₆H₁₀ RM-01-01729 : 4880A.200M.LIQUID

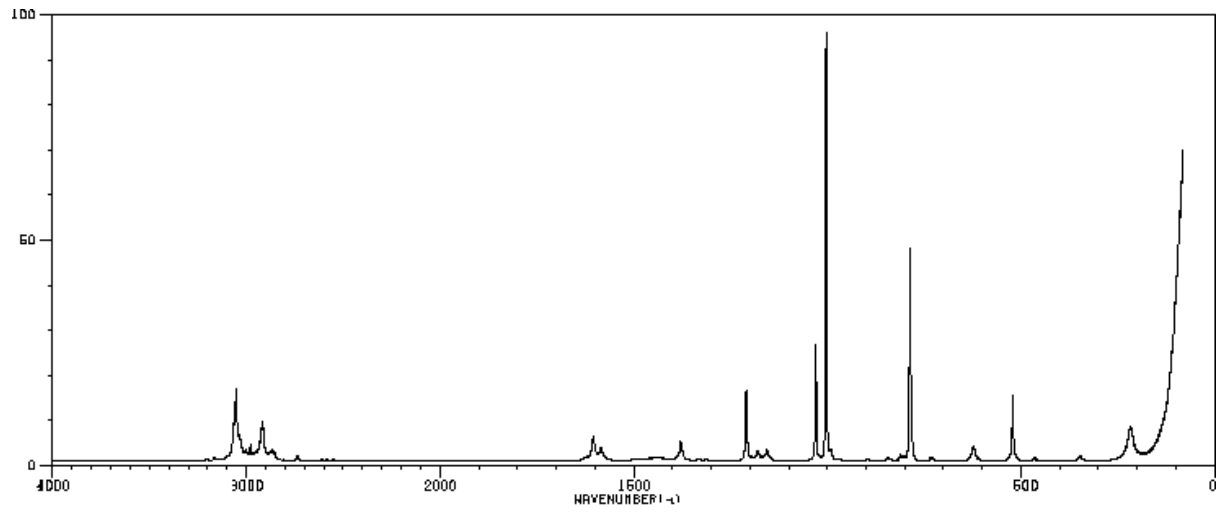
3048	17	183	16
2921	19		
1611	10		
1387	12		
1225	33		
1056	49		
737	94		
584	36		
509	10		
261	10		



P-XYLENE
 SDBSNQ = 899 C₆H₁₀ RM-01-01731 : 4880A.200M.LIQUID

3059	28	462	48
3017	17	316	21
2925	38		
1621	26		
1391	23		
1208	77		
1186	15		
831	95		
816	30		
649	20		

Toluene



TOLUENE
SDBSNO = 97



RM-01-00019 : 4880A.100M.LIQUID

3066	16
1211	16
1031	25
1005	90
787	46
622	14