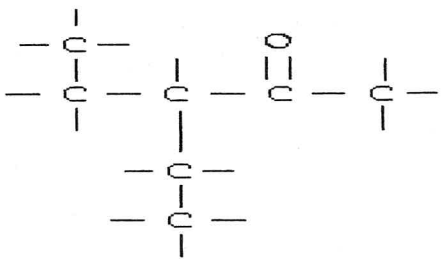
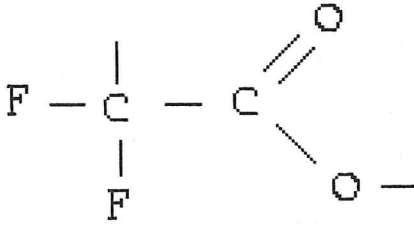
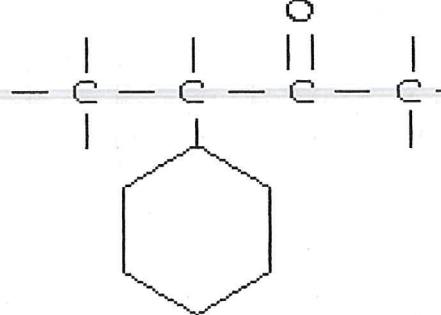
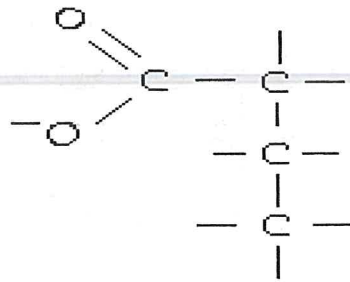
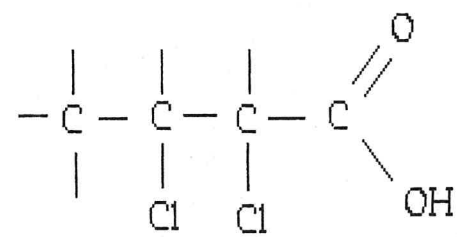
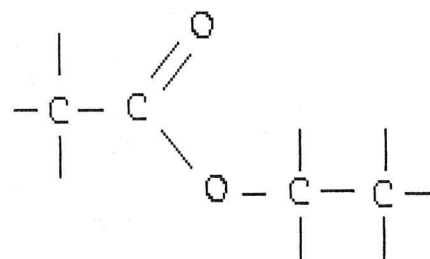
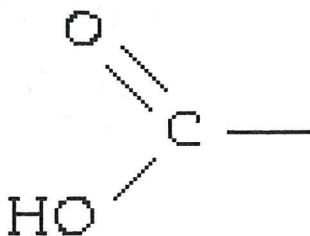
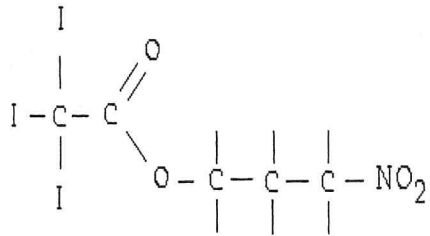


ORGANIC NOMENCLATURE: FUNCTIONAL GROUPS

1	$\begin{array}{c}   &   &   \\ -C- & C- & C- & NH_2 \\   &   &   \end{array}$	5	$\begin{array}{ccccccc} & F & & & & & OH \\ &   & & & & &   \\ F- & C- & & & & & C- \\ &   &   &   &   & &   \\ & & -C- & -C- & -C- & -C- & -C- \\ & & &   & & &   \\ & & & -C- & & & -C- \\ & & & & & &   \\ & & & & & & -C- \\ & & & & & &   \end{array}$
A		A:	
W		W	
2	$\begin{array}{cccc} & & F & \\ & &   & \\ & & -C- & F \\ & &   & \\ -C- & -C- & -C- & NH_2 \\   &   &   & \\ & & F & \end{array}$	6	$\begin{array}{ccccccc} & & Cl & & OH & & Cl \\ & &   & &   & &   \\ -C- & -C- & -C- & -C- & -C- & -C- & Br \\   &   &   &   &   &   & \\ -C- & & & & -C- & & \\   & & & &   & & \\ Cl & & & & & & \end{array}$
A		A:	
W		W	
3	$\begin{array}{cccc} & & Br & \\ & &   & \\ -C- & -C- & -C- & NH_2 \\   &   &   & \\ Br & & -C- & \end{array}$	7	$\begin{array}{ccccccc} & & & & & & O \\ & & & & & &    \\ H_2N- & -C- & -C- & -C- & -C- & & \\ &   &   &   & & & \backslash \\ & -C- & & & & & H \\ &   & & & & & \\ & NO_2 & & & & & \end{array}$
A		A:	
W		W	
4	$\begin{array}{ccccccc} & & & & & & OH \\ & & & & & &   \\ -C- & & & & & & C- \\   &   &   &   &   & &   \\ -C- & -C- & -C- & -C- & -C- & & \\   &   &   &   &   & & \\ & -C- & & & -C- & & \\ & & & &   & & \\ & & & & -C- & & \\ & & & &   & & \end{array}$	8	$\begin{array}{cccc} O & & & \\    & & & \\ -C- & -C- & -C- & -C- & I \\   &   &   &   \\ & -C- & & I \\ &   & & \end{array}$
A		A:	
W		W	

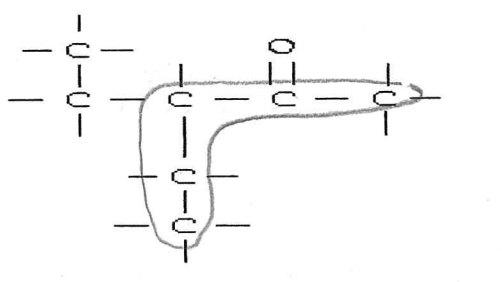
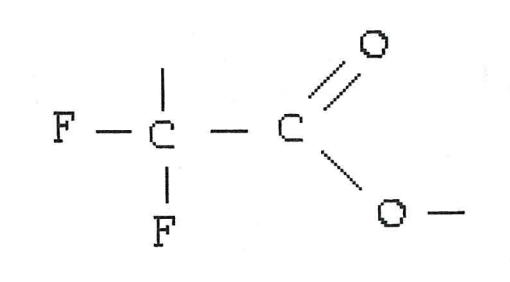
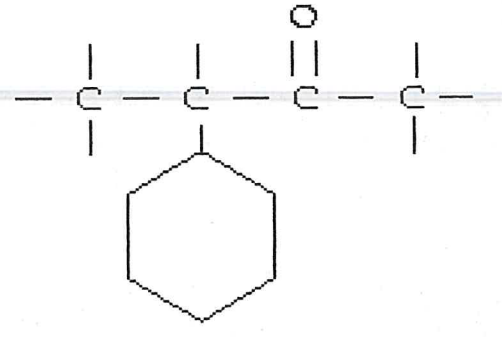
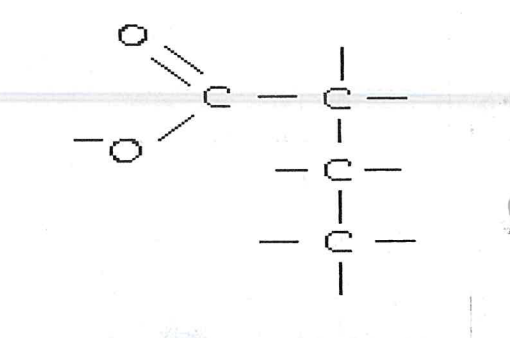
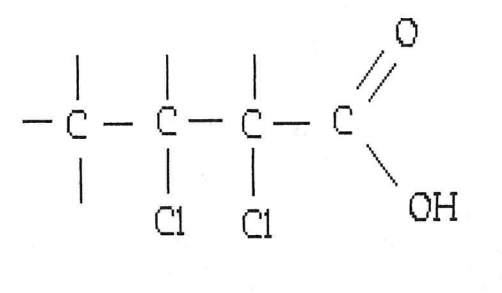
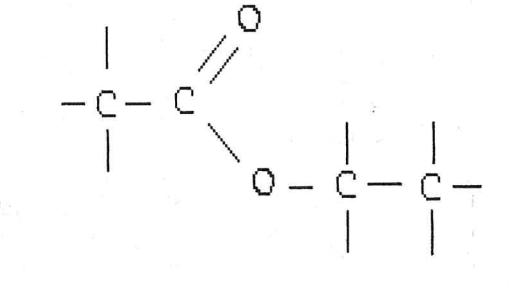
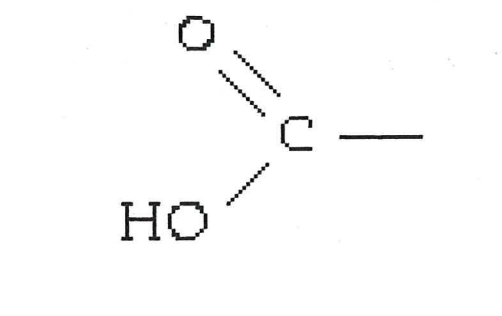
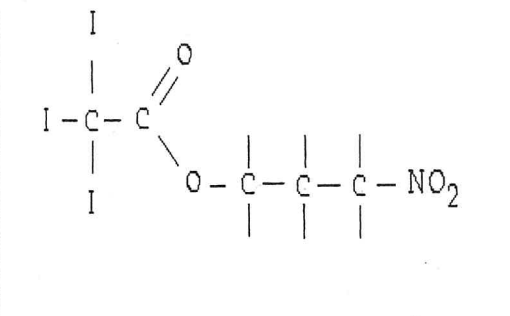
ORGANIC NOMENCLATURE: FUNCTIONAL GROUPS

9		13	
A:		A:	
W		W	
10		14	
A:		A:	
W		W	
11		15	
A:		A:	
W		W	
12		16	
A:		A:	
W		W	

ORGANIC NOMENCLATURE: FUNCTIONAL GROUPS

1	$\begin{array}{c}   &   &   \\ -C & -C & -C- NH_2 \\   &   &   \end{array}$	5	$\begin{array}{ccccccc} & F & & & & & OH \\ &   & & & & &   \\ F & -C & - & C & - & C & - & C & - & C & - & C \\ &   & &   & &   & &   & &   & &   \\ & & & -C & & & & -C & & -C & & -C \\ & & & & & & & & & & & -C \\ & & & & & & & & & & & -C \end{array}$
A	Propan-1-amine	A:	7,8,8-trifluoromethyl octan-3-ol.
W		W	
2	$\begin{array}{c} & & F \\ & &   \\ & & -C- F \\ & &   \\ -C & -C & -C- NH_2 \\   &   &   \\ & & F \end{array}$	6	$\begin{array}{ccccccc} & Cl & & OH & & Cl & \\ &   & &   & &   & \\ -C & -C & -C & -C & -C & -Br \\ &   & &   & &   \\ -C & & & -C & & & \\ & Cl & & & & & \end{array}$
A	1,1,2-trifluorobutan-2-amine	A:	1-bromo, 1,4,6-trichloro, 2-methyl hexan-2-ol
W		W	
3	$\begin{array}{c} & & Br \\ & &   \\ -C & -C & -C- NH_2 \\   &   &   \\ Br & & -C \\ & &   \\ & & 2methyl \end{array}$	7	$\begin{array}{cccc} H_2N & -C & -C & -C & -C \\ &   &   &   & // \\ & -C & & & O \\ &   & & & \backslash \\ & NO_2 & & & H \end{array}$
A	1,4-dibromo butan-2-amine	A:	4-amino, 5-nitro-pentanal
W		W	
4		8	$\begin{array}{cccc} O & & & \\ // & & & \\ C & -C & -C & -C & -I \\ &   &   &   \\ & -C & & & I \\ &   & & & \end{array}$
A	2-ethyl-4-methylhexan-1-ol	A:	4,4-diodo-2-methylbutanal
W		W	

ORGANIC NOMENCLATURE: FUNCTIONAL GROUPS

9		13	
A:	3 ethyl pentan 2 one	A:	difluoro ethanoate ion
W		W	
10		14	
A:	3 cyclohexylbutan -2-one	A:	butanoate ion
W		W	
11		15	
A:	2,3 dichloro butanoic acid	A:	ethyl ethanoate
W		W	
12		16	
A:	methanoic acid	A:	3 nitropropyl - triiodo ethanoate
W		W	