


1. Formula y nombra:


1

a	Eteno	b	ciclobutano	c	2,2,4 - trimetilpentano
d	$\text{CH}_3\text{CH}_2\text{CHBrCH}_3$	e	$\text{CH}_3\text{-CH}_2\text{-CO-CH}_2\text{-CH}_3$	f	

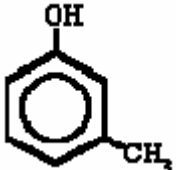
2

a	Metoxietano	b	fenol	c	CH_3CHO
d	$\begin{array}{c} \text{CH}_3\text{-CHOH-CH}_2\text{-CHOH} \\ \\ \text{CH}_3\text{-CH}_2 \end{array}$	e	$\text{CH}_2\text{=CH-CH=CH}_2$	f	CCl_4

3

a	Ácido benzoico	b	etanol	c	Etil propil éter
d		e	CHCCH_3	f	$\text{CH}_3\text{-CH=CH-CH}_2\text{-CH}_2\text{-CH}_3$


4

a	3 - pentanol	b	butanotrieno	c	$\text{CH}_3\text{-CH}_2\text{-CHO}$
d	$\text{CH}_3\text{-O-CH}_2\text{-CH}_2\text{-CH}_3$	e		f	$\text{CH}_3\text{-COO-CH}_3$

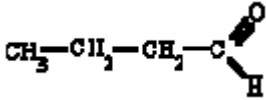
5

a	Ácido hexanoico	b	Acetato de etilo	c	triclorometano
d	$\text{CH}_3\text{-CH}_2\text{-CH=C-CH}_2$	e	$\text{CH}_3\text{CH}_3\text{C=C H H}$	f	$\text{CH}_2\text{=CH-CHO}$

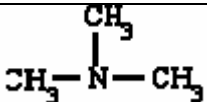
6

a	3 - pentanona	b	1-buteno	c	Metil propil cetona
d		e	$\text{CH}_2\text{=CH-C}\equiv\text{CH}$	f	$\text{CH}_3\text{-C}\equiv\text{C-CH=CH-CH}_3$


7

a	1,4-ciclohexanodiol	b	Ácido propanodioico	c	Benzoato de etilo
d	$\begin{array}{c} \text{CH}_3\text{-CH-O-CH}_2\text{-CH}_3 \\ \\ \text{CH}_3 \end{array}$	e	$\text{CH}_3\text{-COO-CH}_2\text{-CH}_3$	f	

8

a	3,4,5-trimetilciclohexeno	b	2-pentanona	c	metoximetano
d	$\text{CH}_3\text{-CHOH-CH}_2\text{-CH}_2\text{-CHO}$	e		f	$\text{CH}_3\text{-(CH}_2\text{)}_8\text{-CH}_3$

9

a	Etanoato de metilo	b	2,2-dimetilbutanal	c	1-propanol
d	$\text{CH}_2=\text{CH}-\overset{\text{O}}{\parallel}{\text{C}}-\text{CH}_3$	e	$\text{CH}_3-\overset{\text{O}}{\parallel}{\text{C}}-\text{NH}-\text{CH}_3$	f	


10

a	tolueno	b	butanodial	c	2-pentanona
d	$\text{CH}_3-\text{CH}=\text{CH}-\text{COOH}$	e	$\text{CH}_3-\overset{\text{O}}{\parallel}{\text{C}}-\text{NH}-\text{CH}_3$	f	CHCl_3

11

a	1,3-bencenodiol	b	butanona	c	etino
d	$\text{CH}_3-\text{CH}_2-\text{CH}_2-\text{COOH}$	e	$\text{CHCl}=\text{CHCl}$	f	CH_3OH

12

a	4-metil-2-hexino	b	Acetato de potasio	c	Dimetil éter
d		e	$\text{CH}_2=\text{CH}-\text{CHO}$	f	$\text{CH}_2=\text{C}=\text{CH}_3$

13

a	4-clorociclohexeno	b	Ácido etanoico	c	2-butino
d	$\text{CH}_2=\text{CH}-\text{CH}_2-\overset{\text{O}}{\parallel}{\text{C}}-\text{H}$	e	$\text{CH}_3-\overset{\text{CH}_3}{\underset{\text{CH}_3}{\text{C}}}-(\text{CH}_2)_4-\overset{\text{CH}_2-\text{CH}_3}{\underset{\text{CH}_3}{\text{C}}}-\text{CH}_3$	f	$\text{CH}_3-\text{CH}_2-\text{CH}_2-\text{CN}$

14

a	acetona	b	nitrometano	c	1 - cloroetano
d	$\text{CH}_2=\text{CH}-\underset{\text{CH}_2}{\underset{\text{CH}_3}{\text{CH}}}-\underset{\text{CH}_3}{\text{CH}}-\text{CH}_3$	e	$\text{CH}_3\text{CH}_2\text{NO}_2$	f	CH_2CHBr

15

a	Dietil éter	b	2 - propanol	c	Ácido 2-butenico
d	$\text{CH}_3\text{CH}_2\text{COOH}$	e	$\text{CH}_2=\text{CH}-\text{CHO}$	f	$\text{CH}_3-(\text{CH}_2)_6-\text{CHO}$

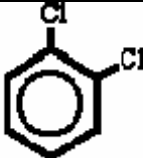
16

a	bromoetano	b	2,5 - dimetil-1,3-heptadieno	c	propeno
d	NH_2CH_3	e	$\text{CH}_2=\text{CH}-\text{CHO}$	f	$\text{CH}_3-\text{COONH}_4$

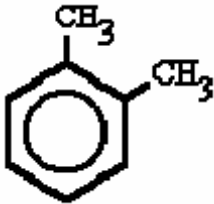
17

a	nitrobenceno	b	etoxietano	c	2-buten-1-ol
d	$\text{CH}_3\text{CH}(\text{OH})_2$	e	$\text{CH}_2=\text{CH}-\text{C}\equiv\text{CH}$	f	$\text{CH}_3-\underset{\text{NO}_2}{\text{CH}}-\text{CH}_2-\text{CH}_3$

18

a	pentanal	b	4-metil-1,6-heptadiino	c	metilpropeno
d	$\text{CH}_3-\text{CH}(\text{CH}_3)-\text{CH}(\text{CH}_3)-\text{CH}_3$	e		f	$\text{CH}_3\text{CH}_2\text{COOH}$


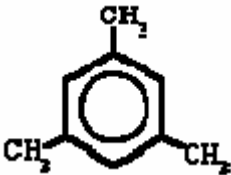
19

a	Yodometano	b	1,1,2-trimetilciclopentano	c	Ácido propenoico
d	$\text{CH}_3-\text{CHOH}-\text{CH}_2\text{OH}$	e		f	$\text{CH}_3-\text{CH}=\text{CH}-\text{CH}_3$

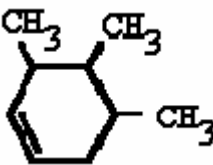
20

a	1,2,3-propanotriol	b	1-cloro-2-buteno	c	propanal
d	$\text{CH}_2=\text{CH}-\text{CO}-\text{CH}_3$	e	$\text{CH}=\text{C}(\text{Cl})-\text{COOH}$	f	$\begin{array}{c} \text{CH}_2-\text{CH}_2-\text{CH}_3 \\ \\ \text{CH}_2-\text{CH}_2-\text{CH}_2-\text{NE}_2 \end{array}$

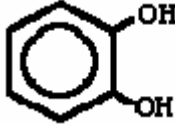
21

a	2-bromopropano	b	2,3,4-trimetil-1,3-hexadieno	c	1,2-ciclohexanol
d		e		f	$\text{CH}_2=\text{CH}-\text{C}(\text{O})\text{OH}$

22

a	1,2 - dicloroetano	b	nitrobeneno	c	3-buten-1-ol
d	$\text{CH}_3-\text{CHOH}-\text{COOH}$	e		f	$\text{Cl}_2\text{C}=\text{CCl}_2$

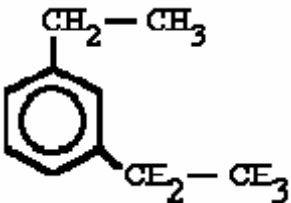
23

a	1-butino	b	nitropropano	c	2,3-dimetilbutano
d	$\text{CH}_2\text{OH}-\text{CH}_2-\text{COOH}$	e	$\text{CH}_3-\text{CO}-\text{CH}(\text{CH}_3)-\text{CH}_3$	f	


24

a	3 - pentanona	b	etilmetilamina	c	3-metilfenol
d	$\text{CH}_2=\text{CH}-\text{CH}_2-\text{CH}(\text{CH}_3)-\text{CH}_3$	e	$\text{CH}_3-\text{CH}_2-\text{C}(\text{CH}_3)_2-\text{CHO}$	f	$\text{CH}_3-\text{C}\equiv\text{N}$

25

a	2 - pentanol	b	2 - butino	c	nitroetano
d	$\text{CH}_3-\text{CH}(\text{CH}_3)-\text{CHO}$	e	$\text{CH}_3-\text{CH}=\text{CH}-\text{CH}_2\text{Br}$	f	

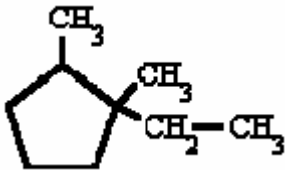
26

a	1,2 - butadieno	b	Metanoato de etilo	c	CH_3OH
d	$\text{CH}_3-\text{CH}_2-\text{C}(\text{CH}_3)(\text{CH}_2\text{CH}_3)-\text{CH}_2-\text{CH}(\text{CH}_3)-\text{CH}_3$	e		f	CH_2CHO


27

a	2 - penteno	b	1,2,3-trimetilciclopentano	c	dimetilpropano
d	$\text{CH}_3-\text{CH}=\text{CH}-\text{CH}_2\text{OH}$	e	$\text{CH}_3\text{CHOHCHOHCH}_3$	f	$\text{CH}_3-\text{CH}(\text{CH}_3)-\text{NO}_2$

28

a	Cloroetano	b	1,2 - propanodiol	c	Ácido acético
d		e	$\text{CH}_3-\text{C}(=\text{O})\text{NH}_2$	f	$\text{CH}_3-(\text{CH}_2)_5-\text{CH}_3$

29

a	etilamina	b	3 - hexanona	c	1 - cloropropano
d	$\text{CH}_3-\text{C}\equiv\text{CH}$	e	$\text{CH}_3\text{CHBrCHBrCHBrCH}_3$	f	

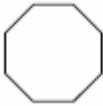
30

a	2 -pentanona	b	1-etil-4-metilbenceno	c	nitrociclopentano
d	$\text{CH}_3-\text{CH}(\text{CH}_3)-\text{CH}_2-\text{COOH}$	e	$\text{CH}_2=\text{CH}-\text{C}\equiv\text{CH}$	f	$\text{CH}_3-\text{CH}(\text{CH}_3)-\text{CH}_2-\text{CH}_3$

31

a	1,2-ciclohexanodiol	b	Etil metil propilamina	c	2-buteno
d	$\text{CH}_3-\text{CH}_2-\text{CO}-\text{CH}_3$	e	$\text{CH}_3-\text{CH}(\text{CH}=\text{CH}_2)-\text{CH}_2-\text{COOH}$	f	$\text{CH}_3-(\text{CH}_2)_3-\text{CH}_3$


32

a	benceno	b	1 - buteno	c	1-ciclopentenol
d	CHCH	e	$\begin{array}{c} \text{CH}_2=\text{CH}-\text{CH}-\text{CH}=\text{CH}-\text{CH}_3 \\ \\ \text{CH}_2-\text{CH}_2-\text{CH}_3 \end{array}$	f	

33

a	Propanona	b	dietilamina	c	3-metil-1-butino
d	$\text{CH}_3-\text{CH}_2-\text{CHOH}-\overset{\text{O}}{\parallel}{\text{C}}-\text{H}$	e	$\begin{array}{c} \text{CH}_2-\text{CH}_3 \\ \\ \text{C}_6\text{H}_5 \end{array}$	f	$\text{CH}\equiv\text{C}-\text{CH}=\text{CH}-\text{CH}_3$

34


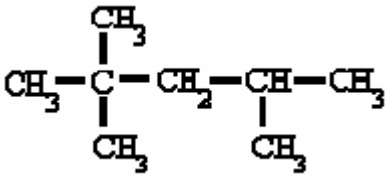
a	Ácido butanoico	b	ciclopentano	c	4-etil-2,2,4-trimetilhexano
d	$\text{CH}_2=\text{CH}-\text{CH}=\text{CH}_2$	e	$\text{CH}_2=\text{CH}-\text{CHO}$	f	

35

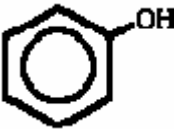
a	4-propil-1,4-octadieno	b	difenilamina
c	$\begin{array}{c} \text{CH}_3-\text{CH}=\text{CH}-\text{CH}-\text{CH}_2\text{OH} \\ \\ \text{CH}_3-\text{CH}_2-\text{CH}_2 \end{array}$	d	$\begin{array}{c} \text{CH}_2=\text{C}-\text{CH}_2-\text{CH}_2-\text{COOH} \\ \\ \text{CH}_3 \end{array}$

2. Soluciones:


1

a	$\text{CH}_2=\text{CH}_2$	b		c	
d	2-bromobutano	e	3 - pentanona	f	benceno

2

a	$\text{CH}_3 - \text{CH}_2 - \text{O} - \text{CH}_3$	b		c	etanal
d	2,4-hexanodiol	e	1,3-butadieno	f	cloroformo

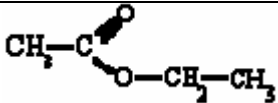
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a		b	$\text{CH}_3 - \text{CH}_2\text{OH}$	c	$\text{CH}_3 - \text{CH}_2 - \text{O} - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$
d	Etanoato de etilo	e	propino	f	2 - hexeno

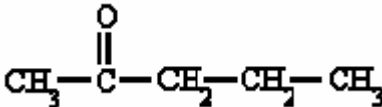
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a	$\text{CH}_3 - \text{CH}_2 - \text{CHOH} - \text{CH}_2 - \text{CH}_3$	b	CH_2CCCH_2	c	propanal
d	Metil propil éter	e	3-metilfenol	f	Etanoato de metilo

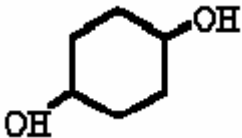
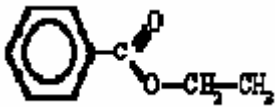
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a	$\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{COOH}$	b		c	CHCl_3
d	1,2 - pentadieno	e	Cis-2-buteno	f	propenal

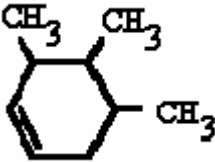
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a	$\text{CH}_3\text{CH}_2\text{COCH}_2\text{CH}_3$	b	$\text{CH}_3 - \text{CH}_2 - \text{CH} = \text{CH}_2$	c	
d	clorobenceno	e	1-buten-3-ino	f	2-hexen-4-ino

7

a		b	$\text{HOOC} - \text{CH}_2 - \text{COOH}$	c	
d	Etil isopropil éter	e	Etanoato de etilo	f	butanal

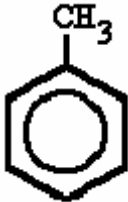
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a		b	$\text{CH}_3 - \text{CO} - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$	c	$\text{CH}_3 - \text{O} - \text{CH}_3$
d	4 -hidroxipentanal	e	trimetilamina	f	decano


9

a	$\text{CH}_3 - \text{COO} - \text{CH}_3$	b	$\begin{array}{c} \text{CH}_3 \\ \\ \text{CH}_3 - \text{CH}_2 - \text{C} - \text{CHO} \\ \\ \text{CH}_3 \end{array}$	c	$\text{CH}_3\text{CH}_2\text{CH}_2\text{OH}$
d	3-buten-2-ona	e	3,5,5-trimetil-1-hexino	f	ciclohexeno

10

a		b	$\text{OHC} - \text{CH}_2 - \text{CH}_2 - \text{CHO}$	c	$\text{CH}_3\text{COCH}_2\text{CH}_2\text{CH}_3$
d	Ácido 2-butenico	e	Metil etanamida	f	triclorometano


11

a		b	$\text{CH}_2\text{COCH}_2\text{CH}_3$	c	CHCH
d	Ácido butanoico	e	1,2 - dicloroeteno	f	metanol

12

a	$\begin{array}{c} \text{CH}_3 - \text{C} \equiv \text{C} - \text{CH} - \text{CH}_2 - \text{CH}_3 \\ \\ \text{CH}_3 \end{array}$	b	$\text{CH}_3 - \text{COOK}$	c	$\text{CH}_3 - \text{O} - \text{CH}_3$
d	1,5-octadieno	e	propenal	f	propanodieno

13

a		b	$\begin{array}{c} \text{O} \\ \\ \text{CH}_3 - \text{C} \\ \\ \text{OH} \end{array}$	c	$\text{CH}_3 - \text{C} \equiv \text{C} - \text{Cl}_3$
d	3-butenal	e	2,2,7,7-tetrametilnonano	f	propanonitrilo

14

a	$\text{CH}_3 - \text{CO} - \text{CH}_3$	b	$\text{CH}_3 - \text{NO}_2$	c	$\text{CH}_2\text{Cl} - \text{CH}_3$
d	3-etil-4-metil-1-penteno	e	nitroetano	f	bromoeteno

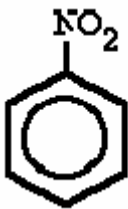
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a	$\text{CH}_3 - \text{CH}_2 - \text{O} - \text{CH}_2 - \text{CH}_3$	b	$\text{CH}_3\text{CHOHCH}_3$	c	$\text{CH}_3 - \text{CH} = \text{CH} - \text{COOH}$
d	Ácido propanoico	e	propenal	f	octanal

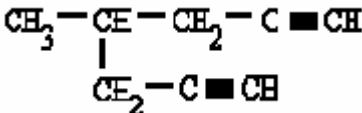
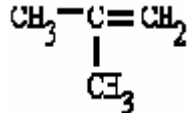
16

a	$\text{CH}_3\text{CH}_2\text{Br}$	b	$\begin{array}{c} \text{CH}_3 - \text{C} - \text{CH} = \text{CH} - \text{C} = \text{C}_2 \\ \qquad \qquad \\ \text{CH}_2 - \text{CH}_3 \qquad \text{CH}_3 \end{array}$	c	$\text{CH}_3 - \text{CH} = \text{CH}_2$
d	metilamina	e	5 - isopropil - 3 - metiloctano	f	Acetato de amonio

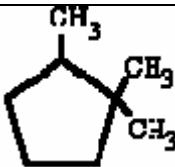
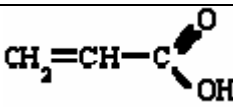
17

a		b	$\text{CH}_3 - \text{CH}_2 - \text{O} - \text{CH}_2 - \text{CH}_3$	c	$\text{CH}_3 - \text{CH} = \text{CH} - \text{CH}_2\text{OH}$
d	1,1-etanodiol	e	1-buten-3-ino	f	2-nitrobutano

18

a	$\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{CHO}$	b		c	
d	2,3 - dimetilbutano	e	o-diclorobenceno	f	Ácido propanoico

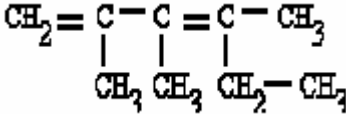
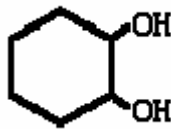
19

a	CH_3I	b		c	
d	1,2-propanodiol	e	o-dimetilbenceno	f	2 - buteno

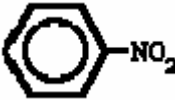
20

a	$\text{CH}_2\text{OH} - \text{CHOH} - \text{CH}_2\text{OH}$	b	$\text{CH}_2\text{Cl} - \text{CH} = \text{CH} - \text{CH}_3$	c	$\text{CH}_3 - \text{CH}_2 - \text{CHO}$
d	3-buten-2-ona	e	Ácido propinoico	f	heptilamina

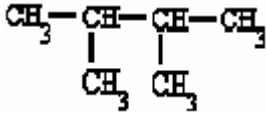
21

a	$\text{CH}_3 - \text{CHBr} - \text{CH}_3$	b		c	
d	ciclohexano	e	1,3,5-trimetilbenceno	f	Ácido 2-propenoico

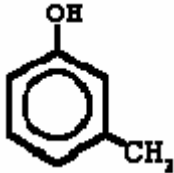
22

a	$\text{CH}_2\text{Cl} - \text{CH}_2\text{Cl}$	b		c	$\text{CH}_2 = \text{CH} - \text{CH}_2 - \text{CH}_2\text{OH}$
d	Ácido 2-hidroxipropanoico	e	3,4,5-trimetilciclohexano	f	tetracloroetano

23

a	$\text{CH}_3 - \text{CH}_2 - \text{C} \equiv \text{CH}$	b	$\text{CH}_3\text{CH}_2\text{CH}_2\text{NO}_2$	c	
d	Ácido 3-hidroxipropanoico	e	3-metil-2-butanona	f	1,2-bencenodiol

24

a	$\text{CH}_3 - \text{CH}_2 - \text{CO} - \text{CH}_2 - \text{CH}_3$	b	$\text{CH}_3 - \text{NH} - \text{CH}_2 - \text{CH}_3$	c	
d	4-metil-1-penteno	e	2,2-dimetilbutanal	f	etanonitrilo

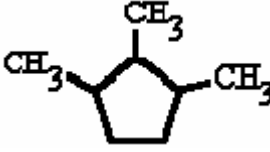
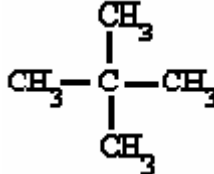
25

a	$\text{CH}_3\text{CH}_2\text{CH}_2\text{CHOHCH}_3$	b	$\text{CH}_3\text{-C}\equiv\text{C-CH}_3$	c	$\text{CH}_3\text{-CH}_2\text{-NO}_2$
d	metilpropanal	e	1-bromo-2-buteno	f	m-dietilbenceno

26

a	$\text{CH}_2=\text{C}=\text{CH-CH}_3$	b	$\text{H-COO-CH}_2\text{-CH}_3$	c	metanol
d	4-etil-2,4-dimetilhexano	e	ciclopentano	f	Etanal

27

a	$\text{CH}_3\text{-CH}=\text{CH-CH}_2\text{-CH}_3$	b		c	
d	2-buten-1-ol	e	2,3 - butanodiol	f	2-nitropropano

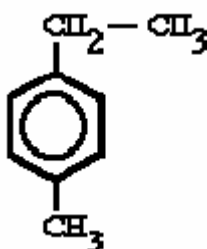

28

a	$\text{CHCl}=\text{CH}_2$	b	$\text{CH}_3\text{-CHOH-CH}_2\text{OH}$	c	CH_3COOH
d	1-etil-1,2-dimetil ciclopentano	e	etanamida	f	heptano

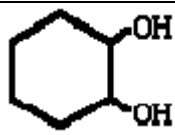
29

a	$\text{CH}_3\text{-CH}_2\text{-NH}_2$	b	$\text{CH}_3\text{-CH}_2\text{-CO-CH}_2\text{-CH}_2\text{-CH}_3$	c	$\text{CH}_3\text{-CH}_2\text{-CH}_2\text{Cl}$
d	propino	e	2,3,4-tribromopentano	f	ciclopropano


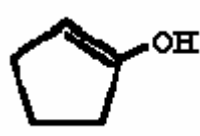
30

a	$\text{CH}_3\text{-CO-CH}_2\text{-CH}_2\text{-CH}_3$	b		c	
d	Ácido 3-metilpropanoico	e	1-buten-3-ino	f	metilbutano

31

a		b	$\begin{array}{c} \text{CH}_2\text{-CH}_2\text{-CH}_3 \\ \\ \text{CH}_3\text{-N-CH}_2\text{-CH}_3 \end{array}$	c	$\text{CH}_3\text{-CH}=\text{CH-CH}_3$
d	butanona	e	Ácido 3-metil-4-pentenoico	f	pentano


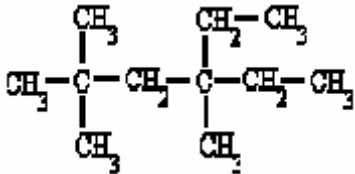
32

a		b	$\text{CH}_3\text{-CH}_2\text{-CH}=\text{CH}_2$	c	
d	Etino	e	3-propil-1,4-hexadieno	f	ciclooctano

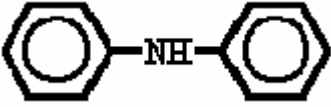
33

a	CH_3COCH_3	b	$\text{CH}_3\text{-CH}_2\text{-NH-CH}_2\text{-CH}_3$	c	$\begin{array}{c} \text{CH}\equiv\text{C-CH-CH}_3 \\ \\ \text{CH}_3 \end{array}$
d	2-hidroxiopropanal	e	etilbenceno	f	3 - penten -1-ino

34

a	$\text{CH}_3\text{-CH}_2\text{-CH}_2\text{-COOH}$	b		c	
d	1,3-butadieno	e	propenal	f	naftaleno

35

a	$\begin{array}{c} \text{CH}_2\text{-CH}=\text{C}-\text{CH}_2\text{-CH}_2\text{-CH}_3 \\ \qquad \\ \text{CH}_2\text{-CH}_3 \quad \text{CH}_2\text{-CH}=\text{CH}_2 \end{array}$	b	
c	2-propil-3-penten-1-ol	d	Ácido 4-metil-4-pentenoico