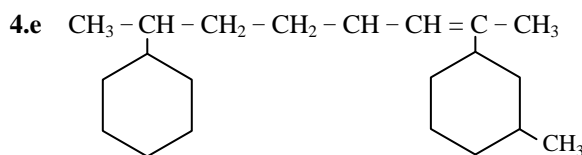
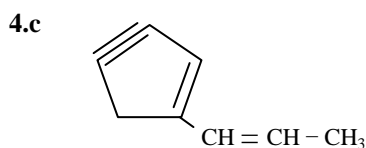
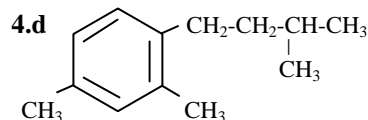
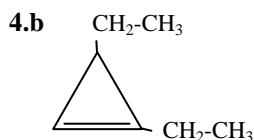
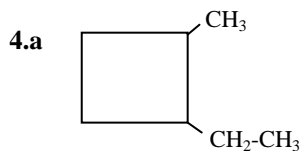


4.1 Metilciclobutano

4.3 1-metil-1,3-ciclohexadien-5-ino

4.5 2,3-diciclopentilbutano



5.1 1,4-dipropilbenceno

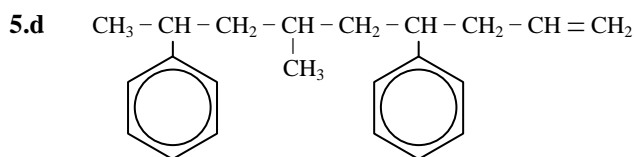
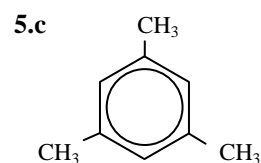
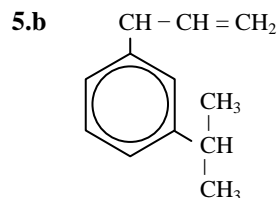
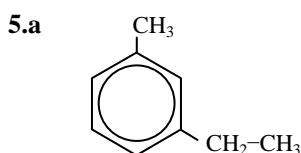
5.3 1-isopropil-3-etilbenceno

5.5 2-butenilbenceno

5.2 1-etil-4-metil-2-propilbenceno

5.4 p-dimetilbenceno

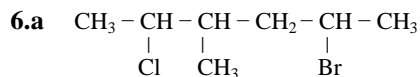
5.6 2,5-difenil-1-hepteno



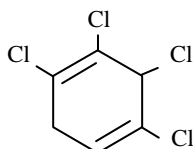
6.1 1,2-dicloropropano

6.3 1,1,3,3-tetraiodo-2,2-dicloropropano

6.5 1-iodo-3-metilciclopenteno



6.c

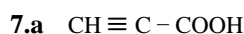


7.1 Ácido 2-cloropropanoico

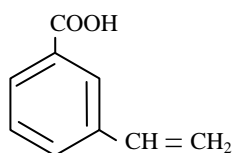
7.3 Ácido 2-fenil-2-propenoico

7.5 Ácido 2-penten-4-inoico

7.7 Ác. p-benzenodicarboxílico (tereftálico)



7.g

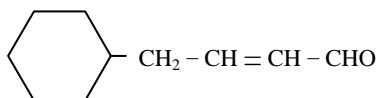


8.1 3-metil-2-butenal

8.3 4-ciclopropil-2-butenal

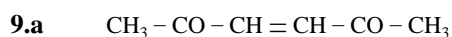


8.c



9.1 4,4-dimetil-2-pentanona

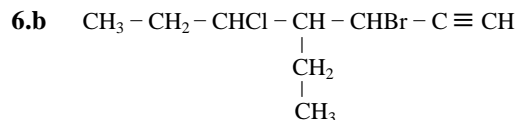
9.3 Dioxobutanodial



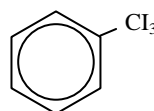
6.2 Diclorodifluormetano

6.4 1,3,5-tribromobenceno

6.6 1,2-dicloropropilciclohexano



6.d

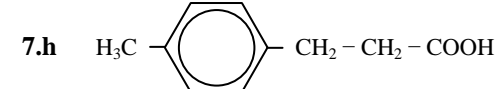
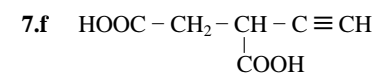
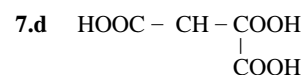
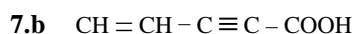


7.2 Ácido Propenoico (acrílico)

7.4 Ácido 2,5-dimetil-3-hexenoico

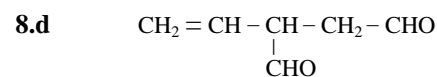
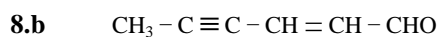
7.6 Ácido 4-cloro-3-vinil-2,4-hexadienoico

7.8 Ác. 2-etil-3-metilciclohexanocarboxílico



8.2 4-fenil-2-pentenodial

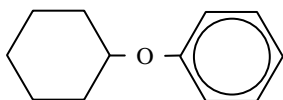
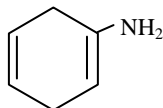
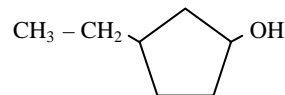
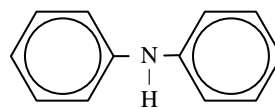
8.4 Ác. 2-formilbutanodioico

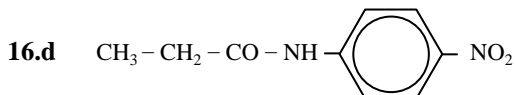
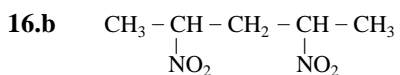
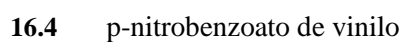
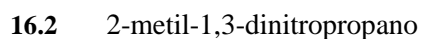
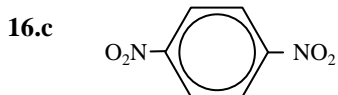
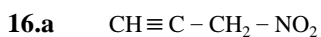
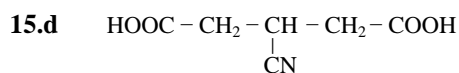
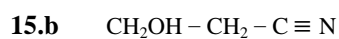
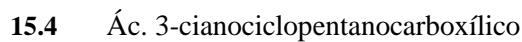
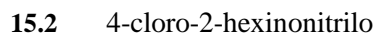
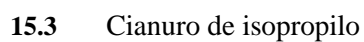
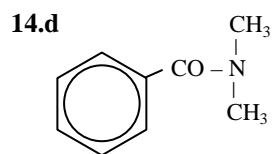
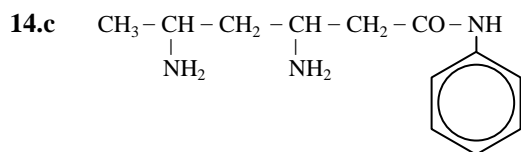


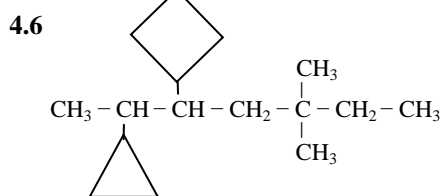
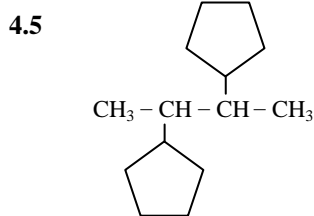
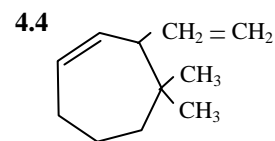
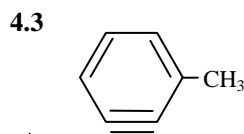
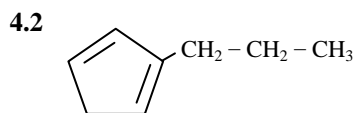
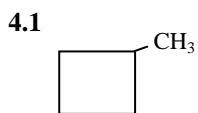
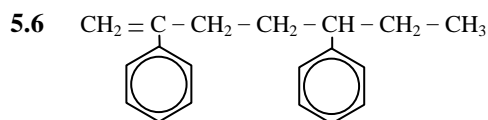
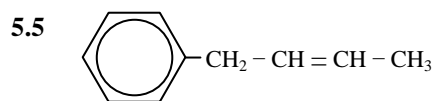
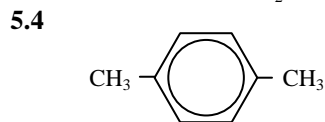
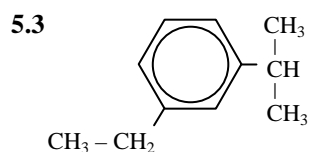
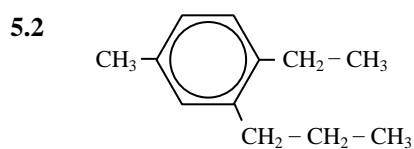
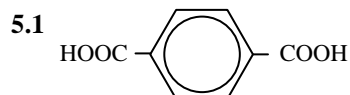
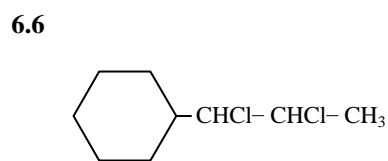
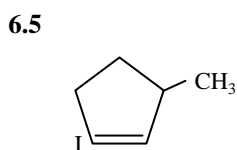
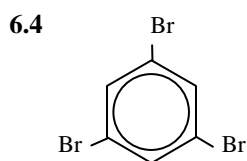
9.2 2,3-hexanodiona

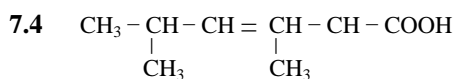
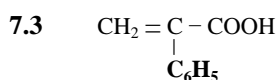
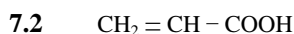
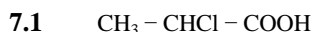
9.4 Ácido 3-formil-4-oxopentanoico



10.1 2-cloro-3-metil-2-butanol**10.2** 2-etil-2,5-hexadien-1,6-diol**10.a** $\text{CH}_3 - \text{CH} = \text{CBr} - \text{CH}_2 - \text{CH}_2\text{OH}$ **10.c** $\text{CH}_3 - \text{CH} = \underset{\text{CH}_3}{\text{C}} - \text{CH} = \underset{\text{CH}_3}{\text{C}} - \text{CH} - \text{CH}_2\text{OH}$ **10.e** $\text{CH}_3 - \text{CH}_2 - \text{C} \equiv \text{C} - \text{CH} = \text{COH} - \underset{\text{CH}_3}{\text{CH}} - \text{COH} = \text{CH} - \text{CH}_2\text{OH}$ **11.1** Metoxibutano**11.2** Isopropoxibenceno**11.a** $\text{CH}_3 - \text{O} - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$ **11.c****12.1** Acetato de metilo**12.3** Benzoato de isopropilo**12.5** 2-butenato de 2-butenilo**12.a** $\text{HCOO} - \text{CH}_2 - \text{CH}_3$ **12.c** **13.1** Etilpropilamina**13.3** Ác. 2-amino-3-metilbutanoico
(Aminoácido valina)**13.5** o-cloroanilina**13.a** $\text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \text{NH} - \text{CH}_3$ **13.c****13.e** $\text{NH}_2 - \text{CH}_2 - \text{CH} = \text{CH} - \text{COOH}$ **14.1** Acetamida**14.3** N,N-difenilacetamida**14.5** Benzamida**10.3** 3-hidroxiopropanal**10.4** Ác. 2,5-dihidroxi-3-hexendioico**10.5** Ác. Salicílico (o-hidroxibenzoico)**10.b** $\text{CH} \equiv \text{C} - \text{CH} = \text{CH} - \text{CH}_2\text{OH}$ **10.d****11.3** Metilvinileter**11.4** 4-metoxi-1-buteno**11.b** $\text{CH}_3 - \text{O} - \text{CH}_3$ **11.d** $\text{CH}_3 - \underset{\text{O}}{\underset{\text{CH}_2}{\underset{\text{CH}_3}{\text{C}}}} - \text{CH}_2 - \underset{\text{O}}{\underset{\text{CH}_3}{\text{C}}} - \text{COOH}$ **12.2** Propionato de alilo**12.4** 3-bromopentanoato de fenilo**12.6** 2,4-dioxoheptanoato de bencilo**12.b** $\text{CH}_2 = \text{CH} - \text{COO} - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$ **12.d** $\text{CH}_3 - \text{CHOH} - \text{COO} - \text{CH}_2 - \text{CO} - \text{CH}_2 - \text{CH}_3$ **13.2** Dimetilvinilamina**13.4** 3,4-diamino-1,6-hexanodiol**13.6** N,N-dietilpropilamina**13.b** $\text{CH}_3 - \underset{\text{CH}_3}{\text{N}} - \text{CH}_2$ **13.d****13.f** $\text{CH}_3 - \text{NH} - \text{CH}_2 - \text{CH}_2 - \text{CHO}$ **14.2** N-metilbutanamida**14.4** 2,4-hexadienamida**14.6** N-(2,4-diclorofenil)etanamida



3.c 2-etil-7-metil-1,3,7-octatrien-5-ino**3.f** 4-(1-propenil)-2-hepten-5-ino**4.a** 1-etil-2-metilciclobutano**4.b** 1,3-dietilciclopropeno**4.c** 1-(1-propenil)-1-ciclopenten-3-ino**4.d** 1-(3-metilbutil)-2,4-dimetil-1,3,5-ciclohexatrieno**4.e** 7-ciclohexil-4-(3-metilciclohexil)-2-octeno**5.a** m-etilmetilbenceno**5.c** 1,3,5-trimetilbenceno**5.b** m-alilisopropilbenceno**5.d** 4,8-difenil-6-metil-1-noneno**6.1** $\text{CH}_2\text{Cl} - \text{CHCl} - \text{CH}_3$ **6.2** $\text{Cl}_2\text{F}_2\text{C}$ **6.3** $\text{CHI}_2 - \text{CCl}_2 - \text{CHI}_2$ **6.a** 5-bromo-2-cloro-3-metilhexano**6.c** 1,2,3,4-tetracloro-1,4-ciclohexadieno**6.b** 3-bromo-5-cloro-4-etil-1-heptino**6.d** Triyodometilbenceno

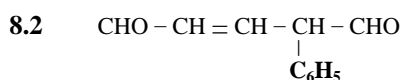
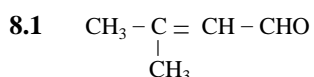


7.a Ácido propinoico

7.b Ácido 4-penten-2-inoico

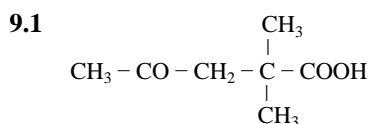
7.c Ácido Butendioico (maléico)

7.d Ác. Carboxipropanodioico (metanotricarboxílico)



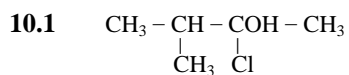
8.a Etanodial

8.b 2-hexen-4-inal



9.a 3-hexen-2,5-diona

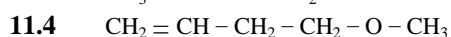
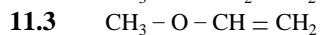
9.b 3-hidroxi-2-butanona



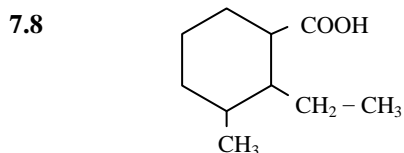
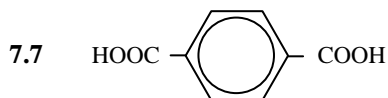
10.a 3-bromo-3-penten-1-ol

10.b 2-penten-4-in-1-ol

10.c 3,5-dimetil-2,5-heptadien-1-ol



11.a Metoxipropano, metilpropiléter

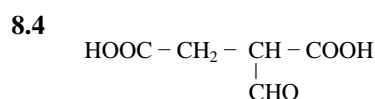
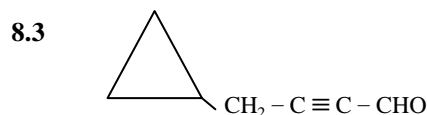


7.e Ácido 3,5-diyodo-2-vinil-4-pentenoico

7.f Ácido 2-etilbutanodioico

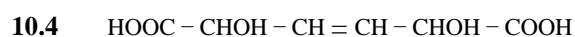
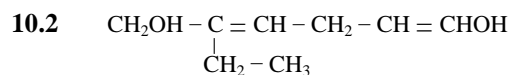
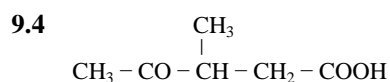
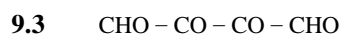
7.g Ác. 5-vinil-1,3,5-ciclohexatriencarboxílico

7.h Ácido 3-(4-metilfenil)propanoico



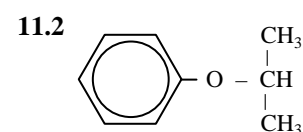
8.c 4-ciclohexil-2-butenal

8.d 2-vinilbutanodial



10.d 3-etil-ciclopentanol

10.e 4-metil-2,5-decadien-7-in-1,3,5-triol



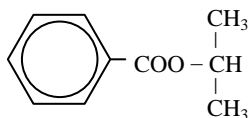
11.c Ciclohexilfeniléter, ciclohexoxibenceno?

11.b Metoximetano, dimetiléter

11.d Ácido 2,4-dietoxipentanoico

12.1 $\text{CH}_3 - \text{COO} - \text{CH}_3$ 12.2 $\text{CH}_3 - \text{CH}_2 - \text{COO} - \text{CH}_2 - \text{CH} = \text{CH}_2$

12.3

12.4 $\text{CH}_3 - \text{CH}_2 - \text{CHBr} - \text{CH}_2 - \text{COO}$ 12.5 $\text{CH}_3 - \text{CH} = \text{CH} - \text{COO} - \text{CH}_2 - \text{CH} = \text{CH} - \text{CH}_3$ 12.6 $\text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \text{CO} - \text{CH}_2 - \text{CO} - \text{COO} - \text{CH}_2 - \text{C}_6\text{H}_5$

12.a Formiato (metanoato) de etilo

12.c p-metilbenzoato de etilo

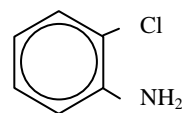
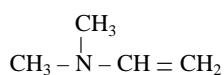
12.b Propenoato de propilo

12.d 2-hidroxiopropionato de 2-oxobutilo

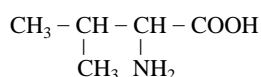
13.1 $\text{CH}_3 - \text{CH}_2 - \text{NH} - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$

13.5

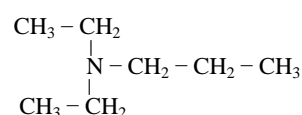
13.2



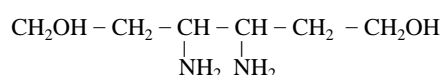
13.3



13.6



13.4



Metilpropilamina

13.d Difenilamina

13.b Trimetilamina

13.e Ácido 4-amino-2-butenico

13.c 1,4-ciclohexadienammina

13.f 3-N-metilaminopropanal

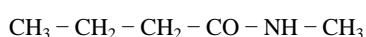
14.1



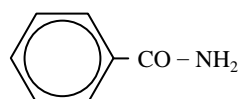
14.4



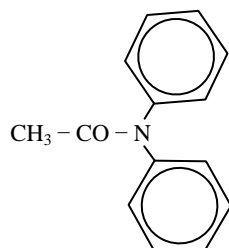
14.2



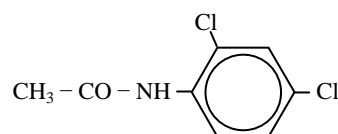
14.5



14.3



14.6



14.a 3-hidroxiбутанамид

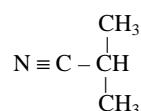
14.c N-fenil-3,5-diaminohexanamida

14.b N-metil-3-cloropropanamida

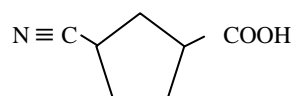
14.d N,N-dimetilbenzamida

15.1 $\text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \text{C} \equiv \text{N}$ 15.2 $\text{CH}_3 - \text{CH}_2 - \text{CHCl} - \text{C} \equiv \text{C} - \text{C} \equiv \text{N}$

15.3



15.4



13.a

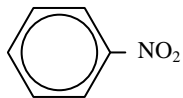
15.a 4-pentenitrilo

15.c Propanodinitrilo

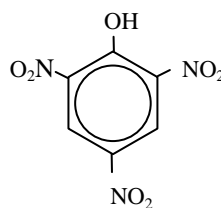
15.b 3-hidroxipropanonitrilo

15.d Ác. 3-cianopentanodioico

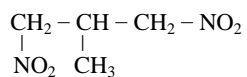
16.1



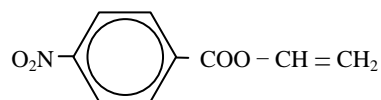
16.3



16.2



16.4



16.a 3-nitro-1-propino

16.c p-dinitrobenceno

16.b 2,4-dinitropentano

16.d N-(4-nitrofenil)propanamida