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Chromatogram C42-1 D:\GCMS-8040NX\Aug 2022\Users\04.08.2022\Data files\04082022-002.qgd

Peak Report TIC

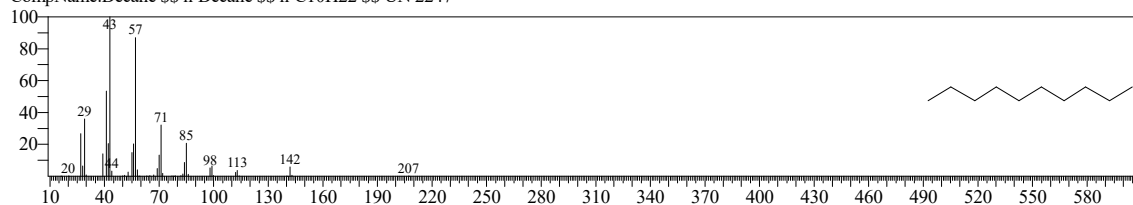| Peak#	R.Time	Area	Area%	Height	Height%	A/H	Similarity	Name
1	7.948	53276	26.43	29172	23.35	1.83	88	Decane
2	9.689	40081	19.89	27481	21.99	1.46	89	Dodecane
3	15.474	58644	29.10	42447	33.97	1.38	89	2,4-Di-tert-butylphenol
4	16.473	49554	24.59	25860	20.69	1.92	88	2,2,4-Trimethyl-1,3-pentanediol diisobutyrate
		201555	100.00	124960	100.00			

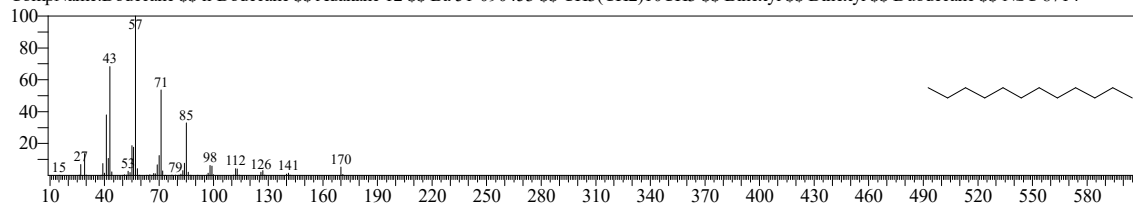Library

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<< Target >>
Line#:1 R.Time:7.950(Scan#:691) MassPeaks:293
RawMode:Averaged 7.945-7.955(690-692) BasePeak:57.10(7441)
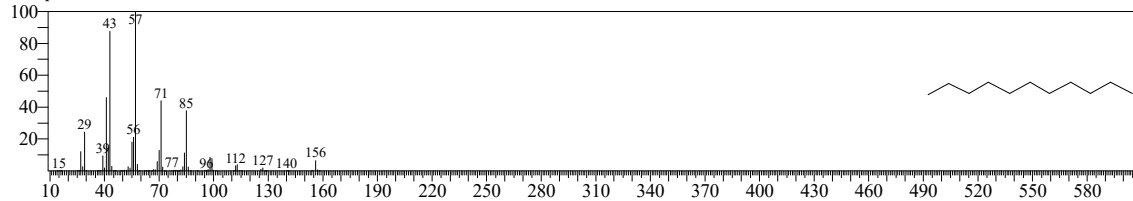BG Mode:Calc. from Peak Group 1 - Event 1 Q3 Scan

Hit#:1 Entry:9445 Library:NIST20R.lib
SI:88 Formula:C10H22 CAS:124-18-5 MolWeight:142 RetIndex:1000
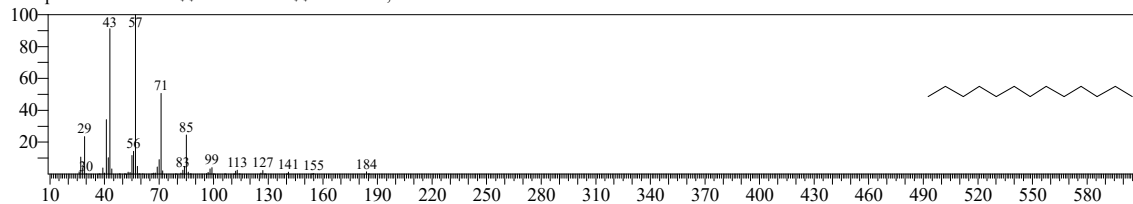CompName:Decane $$ n-Decane $$ n-C10H22 $$ UN 2247

Hit#:2 Entry:30057 Library:NIST20M1.lib
SI:88 Formula:C12H26 CAS:112-40-3 MolWeight:170 RetIndex:1200
CompName:Dodecane $$ n-Dodecane $$ Adakane 12 $$ Ba 51-090453 $$ CH3(CH2)10CH3 $$ Bihexyl $$ Dihexyl $$ Duodecane $$ NSC 8714
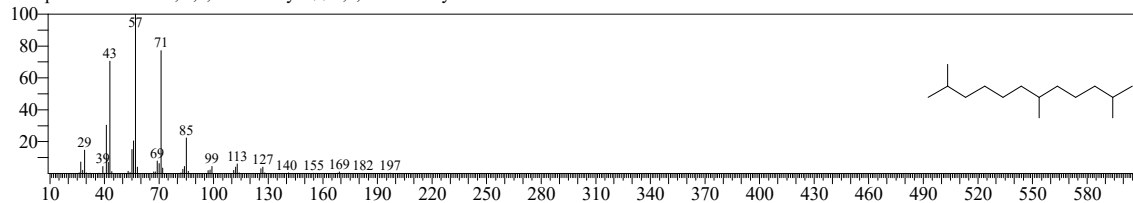

Hit#:3 Entry:12897 Library:NIST20R.lib
SI:88 Formula:C11H24 CAS:1120-21-4 MolWeight:156 RetIndex:1100
CompName:Undecane $$ n-Undecane $$ Hendecane $$ n-C11H24 $$ UN 2330

Hit#:4 Entry:40226 Library:NIST20M1.lib
SI:87 Formula:C13H28 CAS:629-50-5 MolWeight:184 RetIndex:1300
CompName:Tridecane $$ n-Tridecane $$ Tridecane, n-

Hit#:5 Entry:25291 Library:NIST20R.lib
SI:86 Formula:C15H32 CAS:31295-56-4 MolWeight:212 RetIndex:1320
CompName:Dodecane, 2,6,11-trimethyl- $$ 2,6,11-Trimethyldodecane

<< Target >>
Line#:2   R.Time:9.690(Scan#:1039) MassPeaks:275
RawMode:Averaged 9.685-9.695(1038-1040) BasePeak:57.10(6350)
BG Mode:Calc. from Peak Group 1 - Event 1 Q3 Scan

Hit#:1 Entry:30057 Library:NIST20M1.lib
SI:89 Formula:C12H26 CAS:112-40-3 MolWeight:170 RetIndex:1200
CompName:Dodecane $$ n-Dodecane $$ Adakane 12 $$ Ba 51-090453 $$ CH3(CH2)10CH3 $$ Bihexyl $$ Dihexyl $$ Duodecane $$ NSC 8714

Hit#:2 Entry:25291 Library:NIST20R.lib
SI:88 Formula:C15H32 CAS:31295-56-4 MolWeight:212 RetIndex:1320
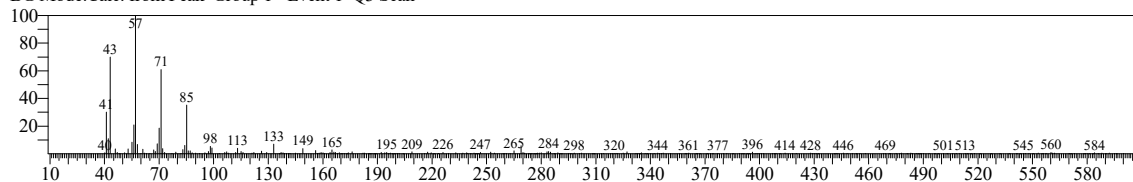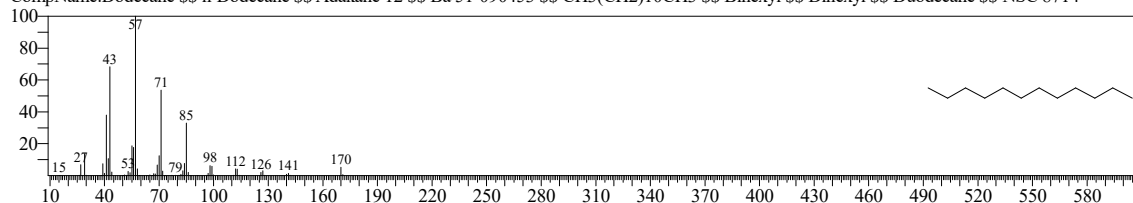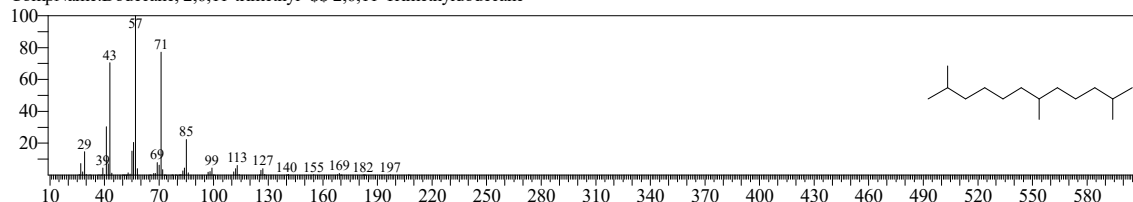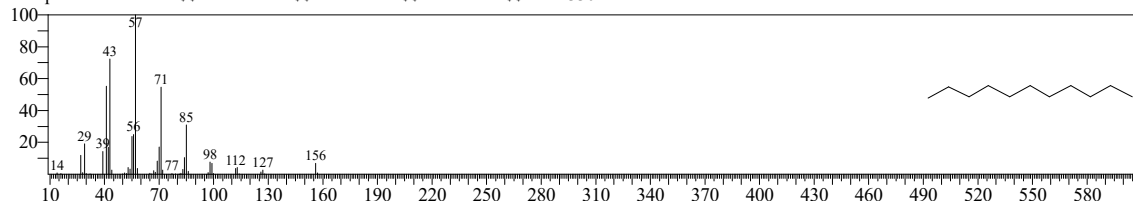CompName:Dodecane, 2,6,11-trimethyl- $$ 2,6,11-Trimethyldodecane

Hit#:3 Entry:12898 Library:NIST20R.lib
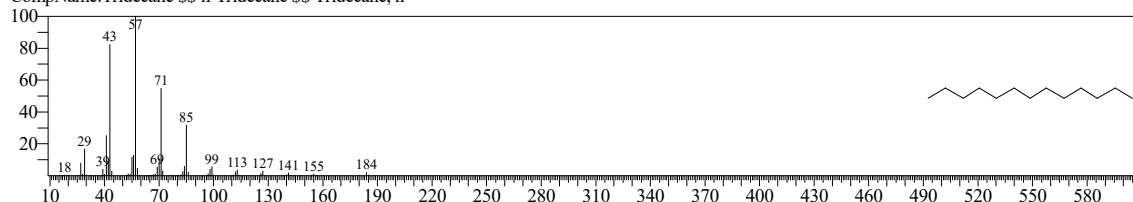SI:88 Formula:C11H24 CAS:1120-21-4 MolWeight:156 RetIndex:1100
CompName:Undecane $$ n-Undecane $$ Hendecane $$ n-C11H24 $$ UN 2330

Hit#:4 Entry:19412 Library:NIST20R.lib
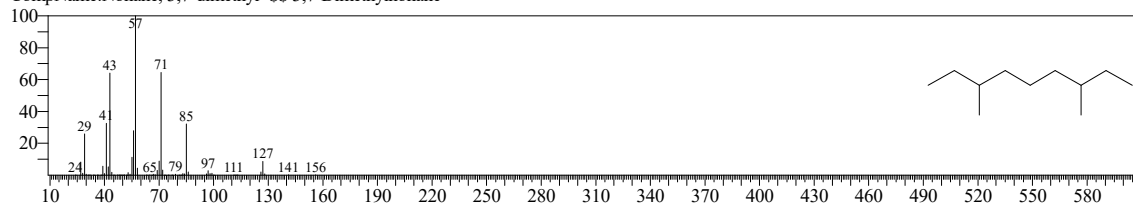SI:88 Formula:C13H28 CAS:629-50-5 MolWeight:184 RetIndex:1300
CompName:Tridecane $$ n-Tridecane $$ Tridecane, n-

Hit#:5 Entry:21047 Library:NIST20M1.lib
SI:88 Formula:C11H24 CAS:17302-32-8 MolWeight:156 RetIndex:986
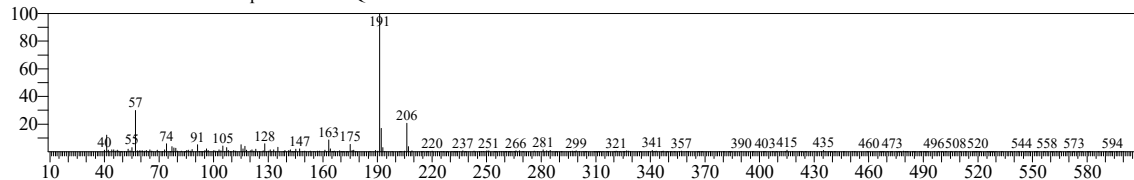CompName:Nonane, 3,7-dimethyl- $$ 3,7-Dimethylnonane

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<< Target >>
Line#:3   R.Time:15.475(Scan#:2196) MassPeaks:306
RawMode:Averaged 15.470-15.480(2195-2197) BasePeak:191.15(12773)
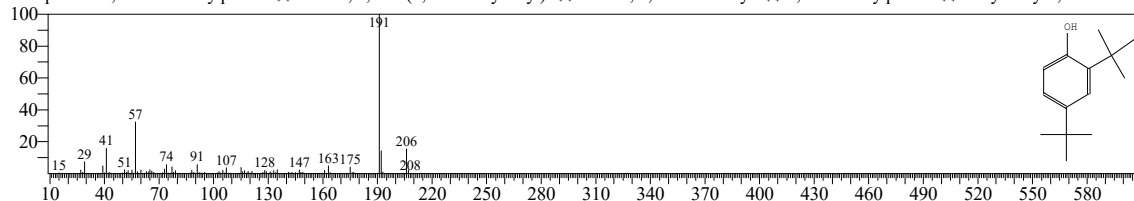BG Mode:Calc. from Peak Group 1 - Event 1 Q3 Scan

Hit#:1 Entry:59048 Library:NIST20M1.lib
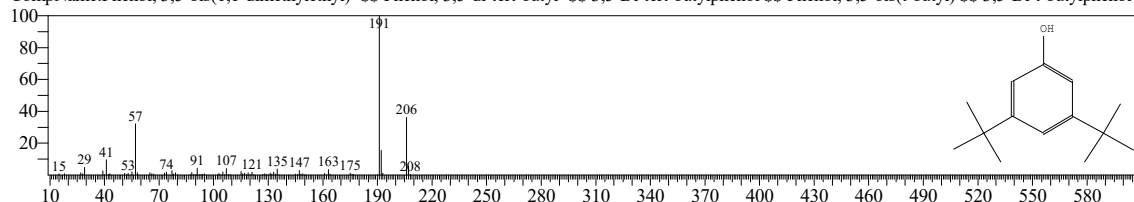SI:89 Formula:C14H22O CAS:96-76-4 MolWeight:206 RetIndex:1555
CompName:2,4-Di-tert-butylphenol $$ Phenol, 2,4-bis(1,1-dimethylethyl)- $$ Phenol, 2,4-di-tert-butyl- $$ 2,4-di-t-Butylphenol $$ 1-Hydroxy-2,4-di-tert-bu

Hit#:2 Entry:24110 Library:NIST20R.lib
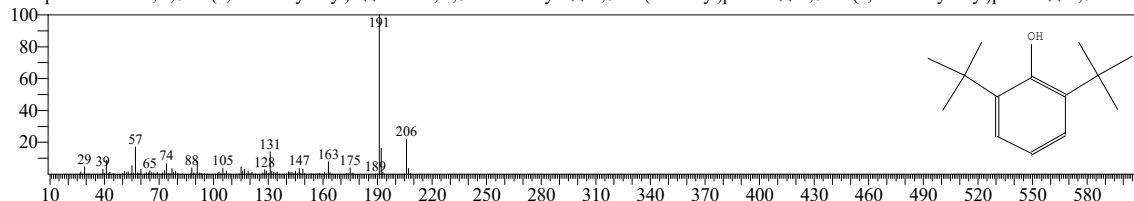SI:89 Formula:C14H22O CAS:1138-52-9 MolWeight:206 RetIndex:1555
CompName:Phenol, 3,5-bis(1,1-dimethylethyl)- $$ Phenol, 3,5-di-tert-butyl- $$ 3,5-Di-tert-butylphenol $$ Phenol, 3,5-bis(t-butyl) $$ 3,5-Di-t-butylphenol $

Hit#:3 Entry:24081 Library:NIST20R.lib
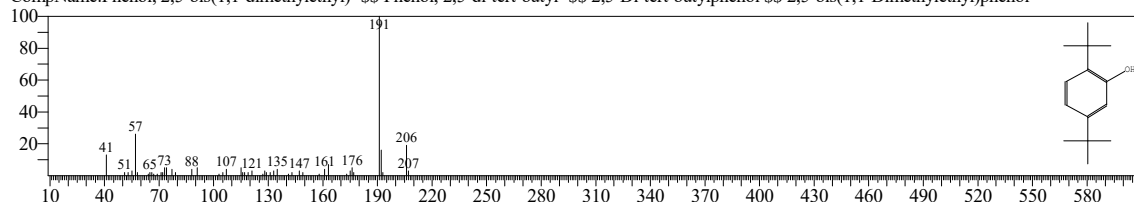SI:88 Formula:C14H22O CAS:128-39-2 MolWeight:206 RetIndex:1555
CompName:Phenol, 2,6-bis(1,1-dimethylethyl)- $$ Phenol, 2,6-di-tert-butyl- $$ 2,6-Bis(tert-butyl)phenol $$ 2,6-Bis(1,1-dimethylethyl)phenol $$ 2,6-Di-tert

Hit#:4 Entry:24098 Library:NIST20R.lib
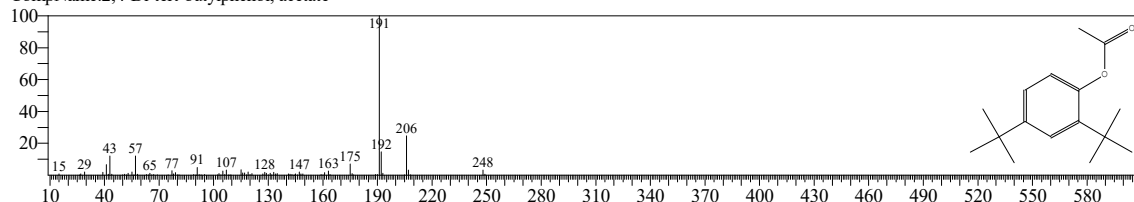SI:87 Formula:C14H22O CAS:5875-45-6 MolWeight:206 RetIndex:1555
CompName:Phenol, 2,5-bis(1,1-dimethylethyl)- $$ Phenol, 2,5-di-tert-butyl- $$ 2,5-Di-tert-butylphenol $$ 2,5-bis(1,1-Dimethylethyl)phenol

Hit#:5 Entry:103047 Library:NIST20M1.lib
SI:84 Formula:C16H24O2 CAS:104316-22-5 MolWeight:248 RetIndex:1714
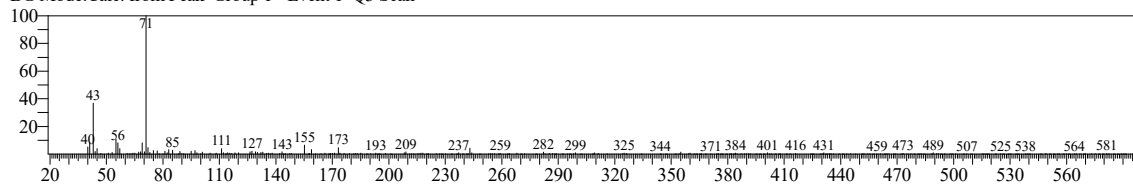CompName:2,4-Di-tert-butylphenol, acetate

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<< Target >>
Line#:4   R.Time:16.475(Scan#:2396)   MassPeaks:277
RawMode:Averaged 16.470-16.480(2395-2397) BasePeak:71.05(9814)
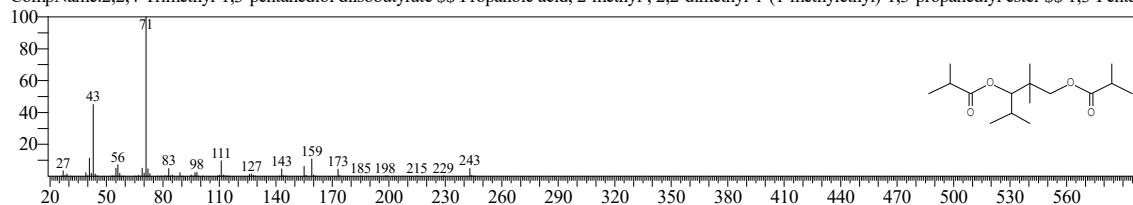BG Mode:Calc. from Peak Group 1 - Event 1 Q3 Scan

Hit#:1 Entry:34622 Library:NIST20R.lib
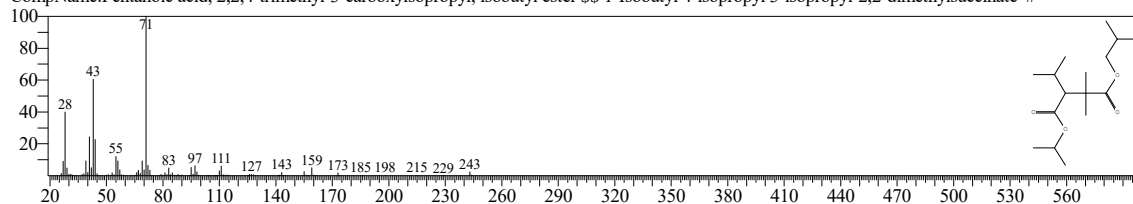SI:88 Formula:C16H30O4 CAS:6846-50-0 MolWeight:286 RetIndex:1605
CompName:2,2,4-Trimethyl-1,3-pentanediol diisobutyrate $$ Propanoic acid, 2-methyl-, 2,2-dimethyl-1-(1-methylethyl)-1,3-propanediyl ester $$ 1,3-Pentan

Hit#:2 Entry:146809 Library:NIST20M1.lib
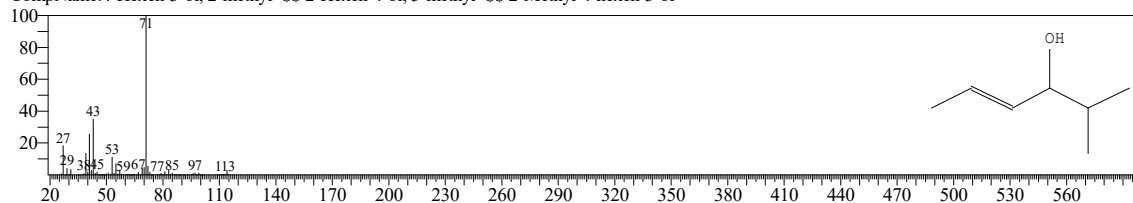SI:85 Formula:C16H30O4 CAS:0-00-0 MolWeight:286 RetIndex:1605
CompName:Pentanoic acid, 2,2,4-trimethyl-3-carboxyisopropyl, isobutyl ester $$ 1-Isobutyl 4-isopropyl 3-isopropyl-2,2-dimethylsuccinate #

Hit#:3 Entry:4513 Library:NIST20M1.lib
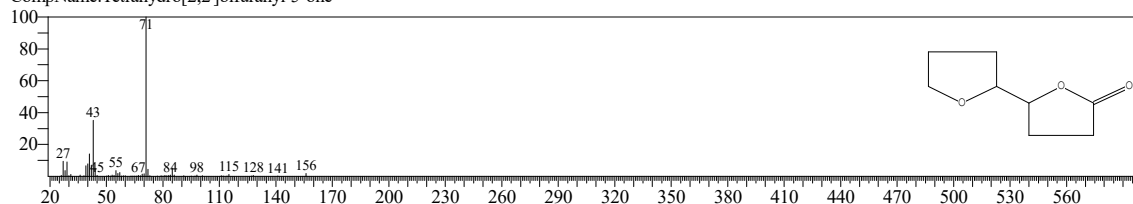SI:81 Formula:C7H14O CAS:4798-60-1 MolWeight:114 RetIndex:823
CompName:4-Hexen-3-ol, 2-methyl- $$ 2-Hexen-4-ol, 5-methyl- $$ 2-Methyl-4-hexen-3-ol

Hit#:4 Entry:20598 Library:NIST20M1.lib
SI:81 Formula:C8H12O3 CAS:19680-00-3 MolWeight:156 RetIndex:1316
CompName:Tetrahydro[2,2']bifuranyl-5-one

Hit#:5 Entry:7107 Library:NIST20M1.lib
SI:80 Formula:C8H14O CAS:34780-69-3 MolWeight:126 RetIndex:888
CompName:3-Methyl-hepta-1,6-dien-3-ol $$ 3-Methyl-1,6-heptadien-3-ol #