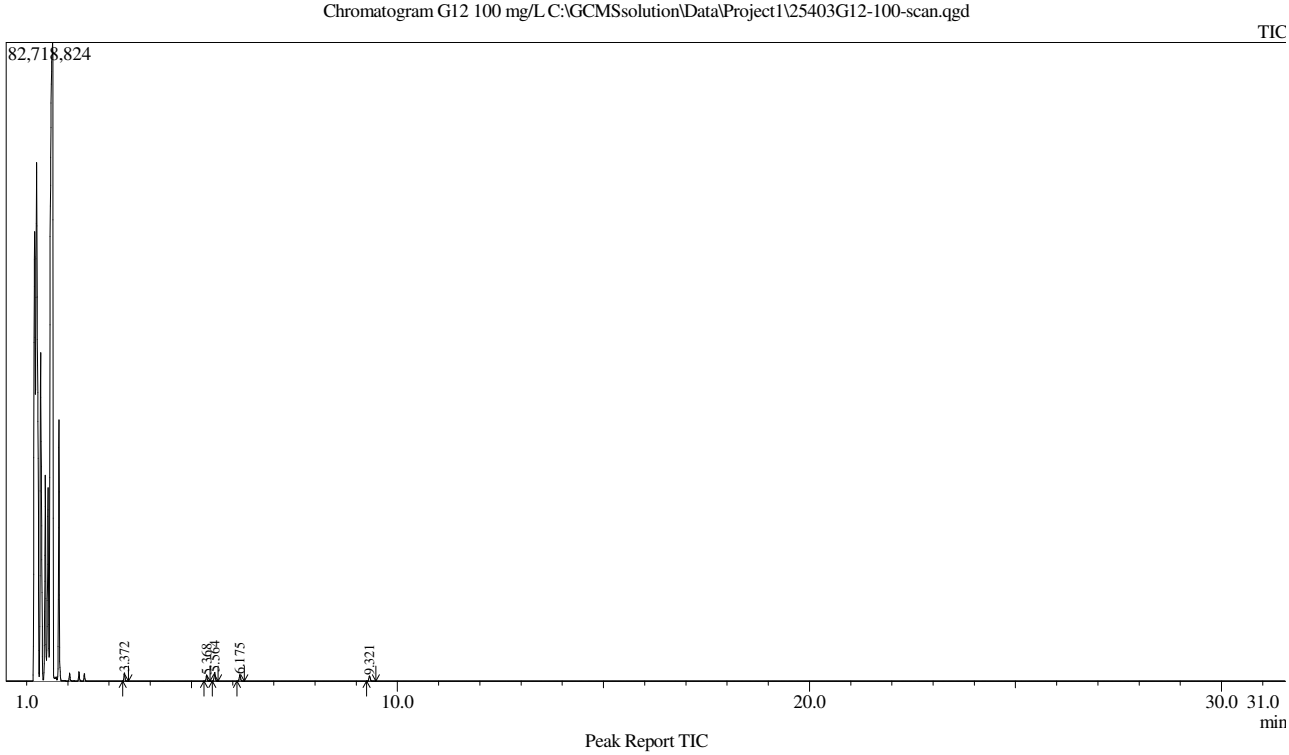
Chromatogram G12 100 mg/L C:\GCMSsolution\Data\Project1\25403G12-100-scan.qgd

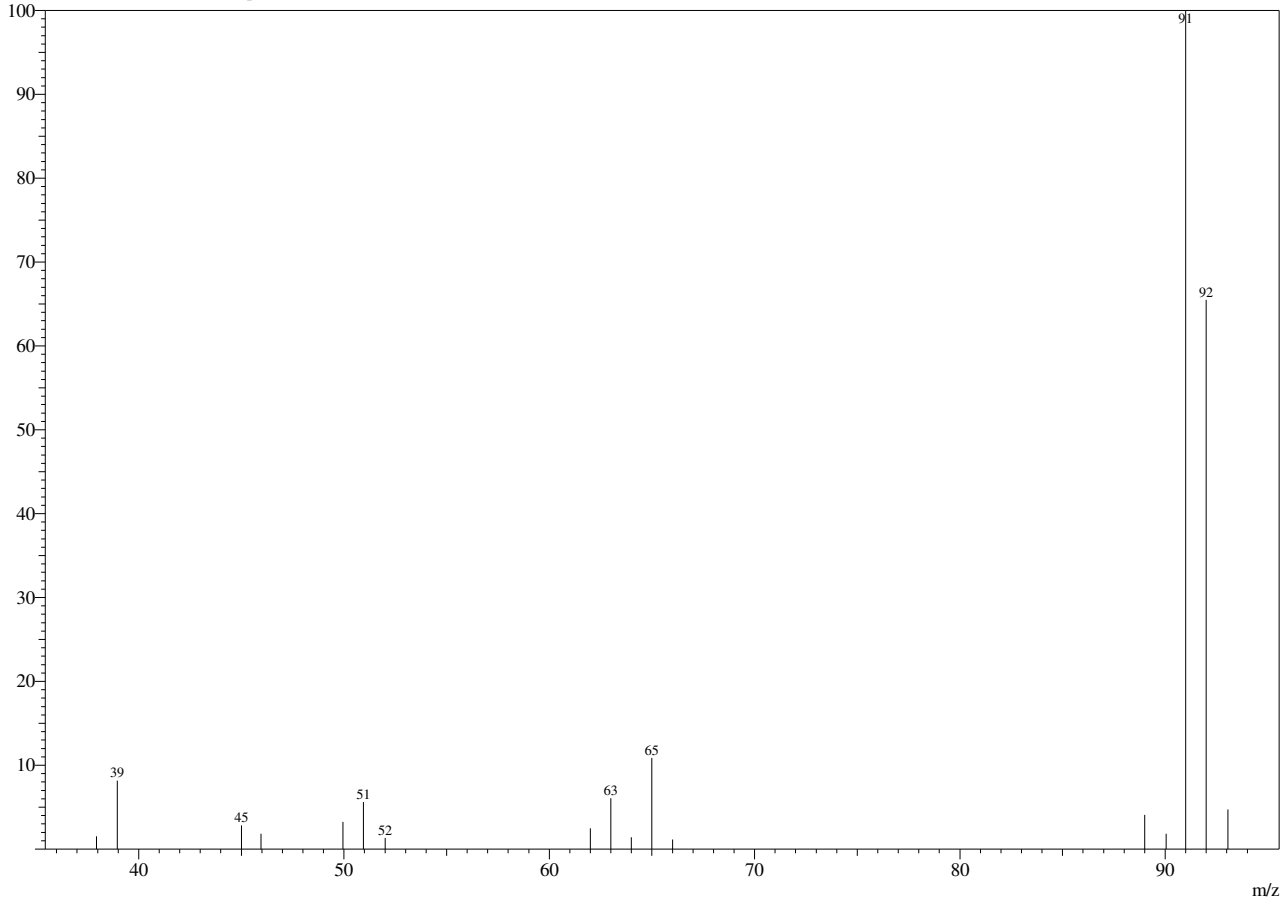


Peak Report TIC

Peak#	R.Time	I.Time	F.Time	Area	Area%	Height	A/H	Mark	Name
1	3.372	3.335	3.470	1803336	19.89	1053165	1.71	MI	Toluene
2	5.368	5.305	5.450	1504023	16.59	751526	2.00	MI	Ethylbenzene
3	5.564	5.510	5.645	2321087	25.60	1122160	2.07	MI	o-Xylene
4	6.175	6.105	6.280	1789665	19.74	830400	2.16	MI	o-Xylene
5	9.321	9.250	9.475	1649244	18.19	659865	2.50	MI	Decane
				9067355	100.00	4417116			

Spectrum

Peak#:1 R.Time:3.372(Scan#:575)
MassPeaks:17
RawMode:Averaged 3.365-3.375(574-576)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

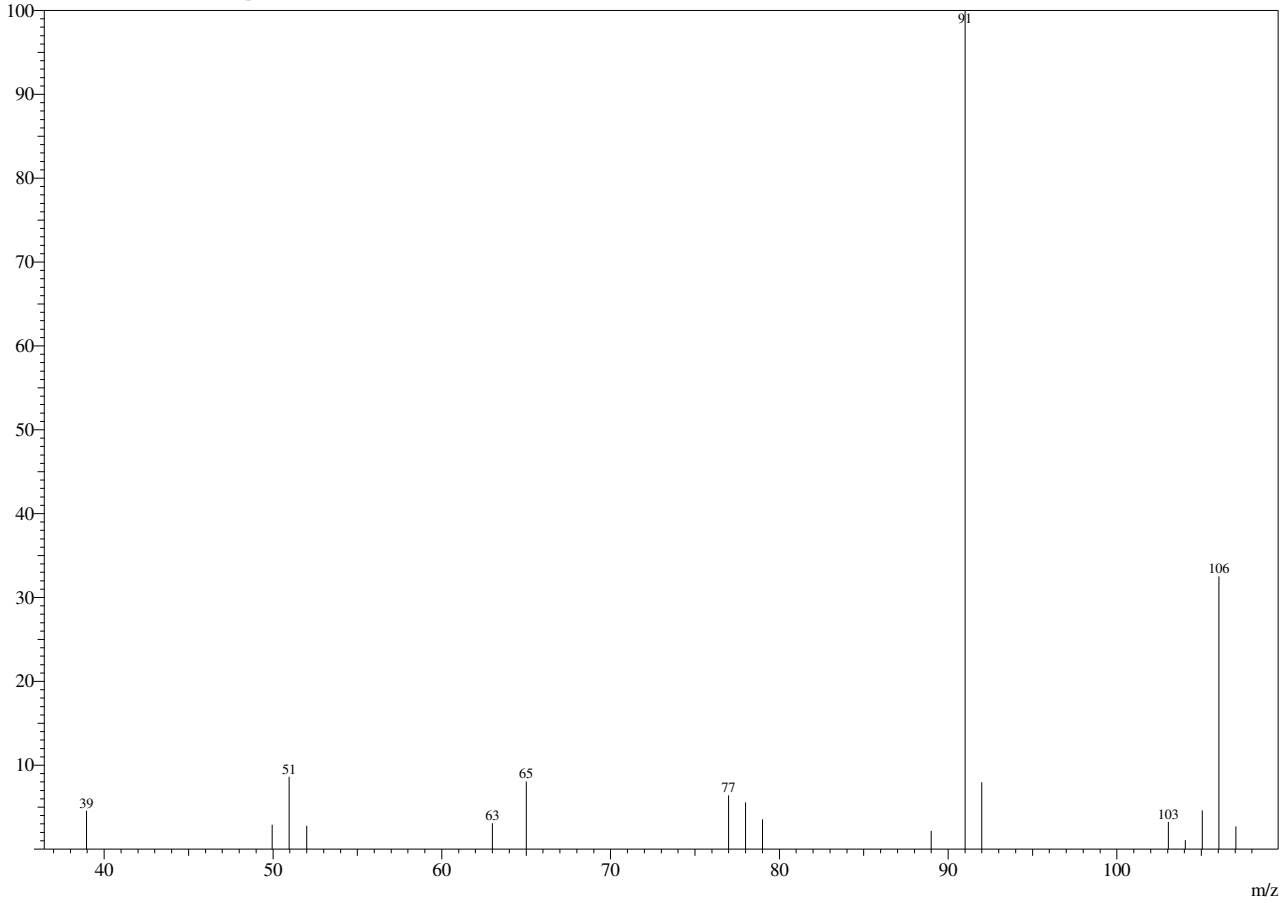


Mass Table
Peak#:1 R.Time:3.370(Scan#:575)
MassPeaks:17
Group 1 - Event 1 Scan

#	m/z	Rel. Int.	#	m/z	Rel. Int.	#	m/z	Rel. Int.	#	m/z	Rel. Int.
1	37.95	1.53	6	50.95	5.62	11	65.00	10.87	16	92.00	65.48
2	38.95	8.17	7	52.00	1.33	12	66.00	1.14	17	93.05	4.72
3	45.00	2.81	8	62.00	2.46	13	89.00	4.09			
4	45.95	1.83	9	63.00	6.05	14	90.05	1.82			
5	49.95	3.26	10	64.00	1.41	15	91.00	100.00			

Spectrum

Peak#:2 R.Time:5.368(Scan#:974)
MassPeaks:17
RawMode:Averaged 5.360-5.370(973-975)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

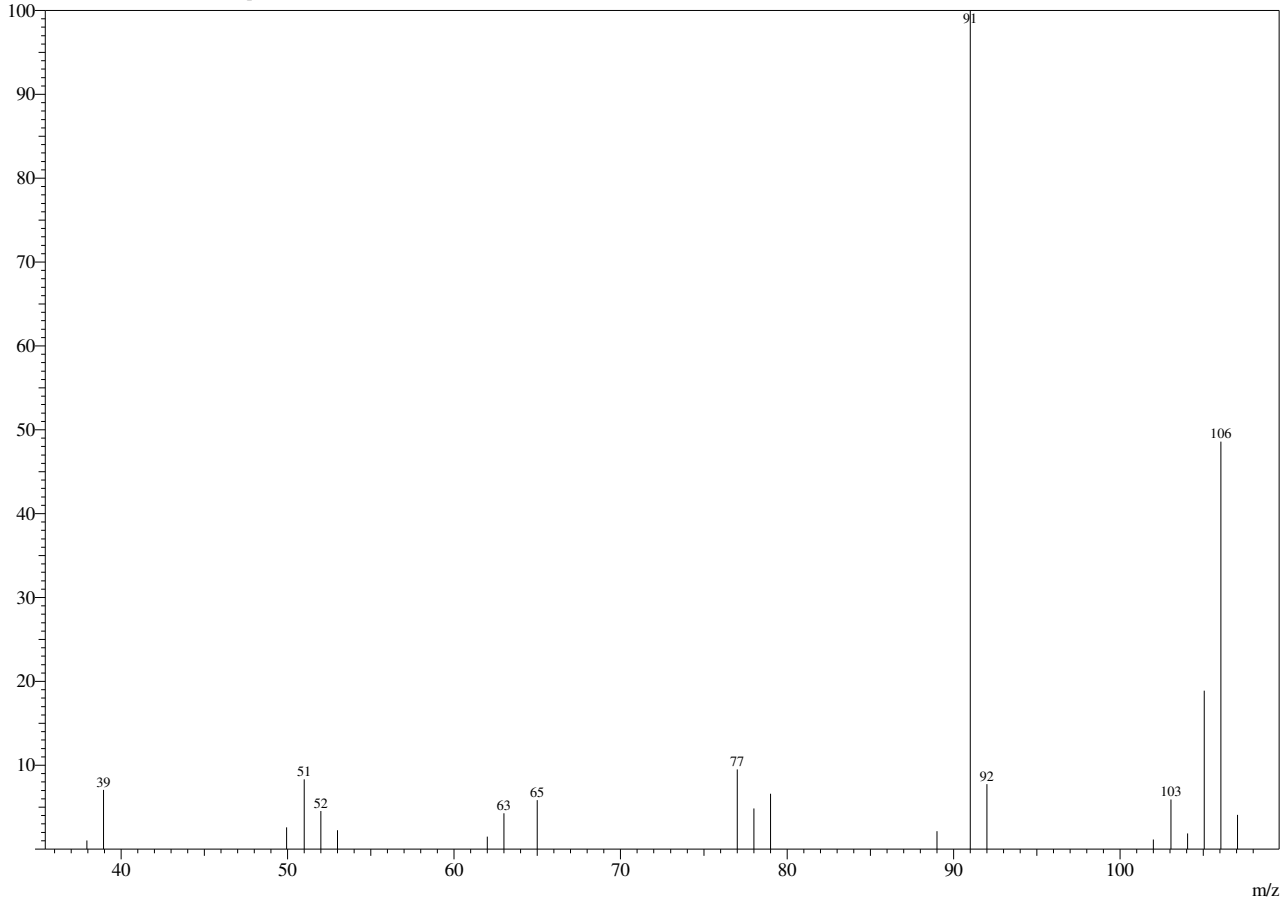


Mass Table
Peak#:2 R.Time:5.365(Scan#:974)
MassPeaks:17
Group 1 - Event 1 Scan

#	m/z	Rel. Int.	#	m/z	Rel. Int.	#	m/z	Rel. Int.	#	m/z	Rel. Int.
1	38.95	4.58	6	65.00	8.07	11	91.00	100.00	16	106.05	32.52
2	49.95	2.88	7	77.00	6.43	12	92.00	7.97	17	107.05	2.73
3	50.95	8.62	8	78.00	5.58	13	103.05	3.26			
4	52.00	2.79	9	79.00	3.53	14	104.05	1.06			
5	63.00	3.10	10	89.00	2.19	15	105.05	4.62			

Spectrum

Peak#:3 R.Time:5.564(Scan#:1014)
MassPeaks:21
RawMode:Averaged 5.560-5.570(1013-1015)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

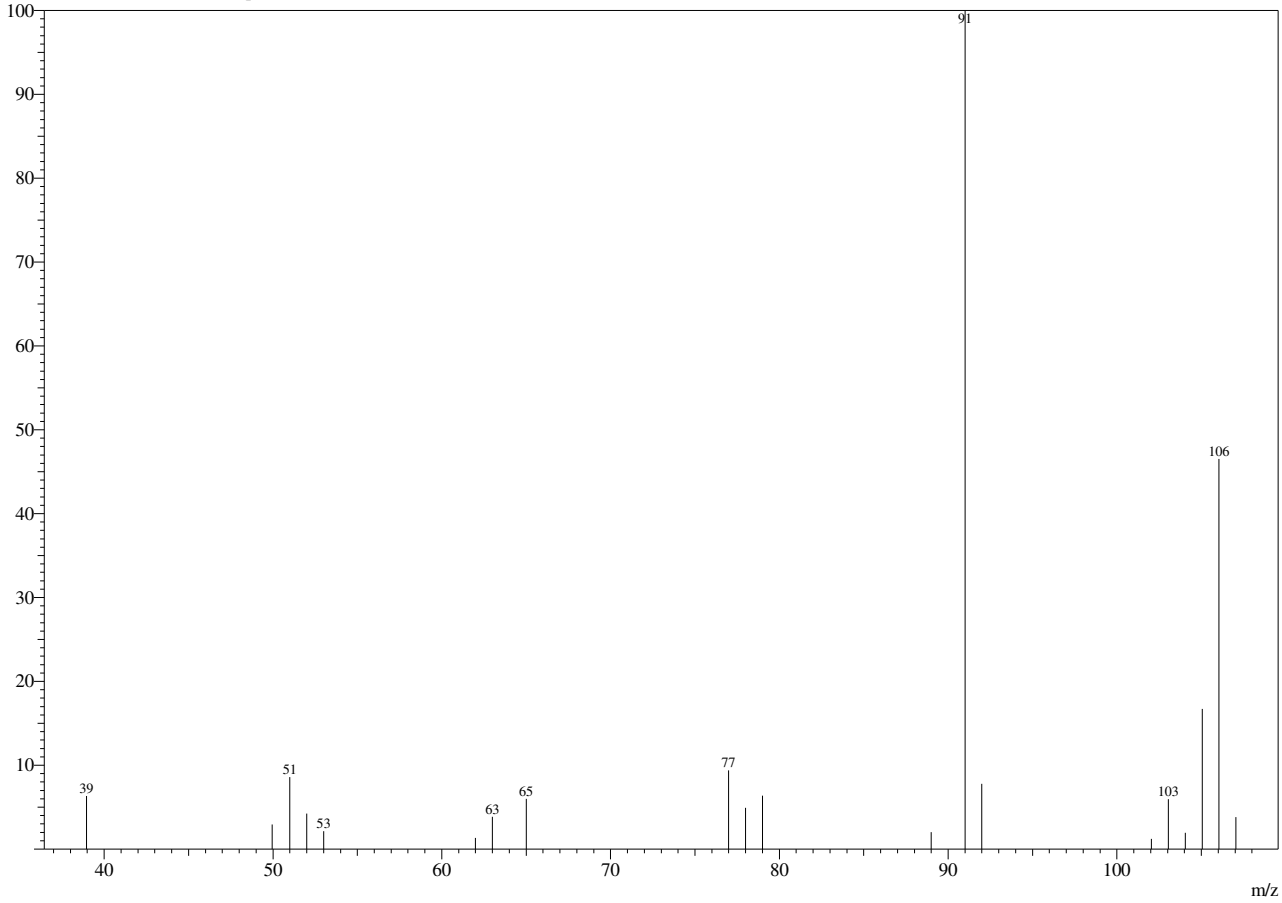


Mass Table
Peak#:3 R.Time:5.565(Scan#:1014)
MassPeaks:21
Group 1 - Event 1 Scan

#	m/z	Rel. Int.	#	m/z	Rel. Int.	#	m/z	Rel. Int.	#	m/z	Rel. Int.
1	37.95	1.03	7	62.00	1.49	13	89.00	2.15	19	105.05	18.89
2	38.95	7.05	8	63.00	4.27	14	91.00	100.00	20	106.05	48.57
3	49.95	2.59	9	65.00	5.85	15	92.00	7.76	21	107.05	4.10
4	51.00	8.32	10	77.00	9.51	16	102.00	1.14			
5	52.00	4.54	11	78.00	4.83	17	103.05	5.93			
6	53.00	2.26	12	79.00	6.58	18	104.05	1.86			

Spectrum

Peak#:4 R.Time:6.175(Scan#:1136)
MassPeaks:20
RawMode:Averaged 6.170-6.180(1135-1137)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

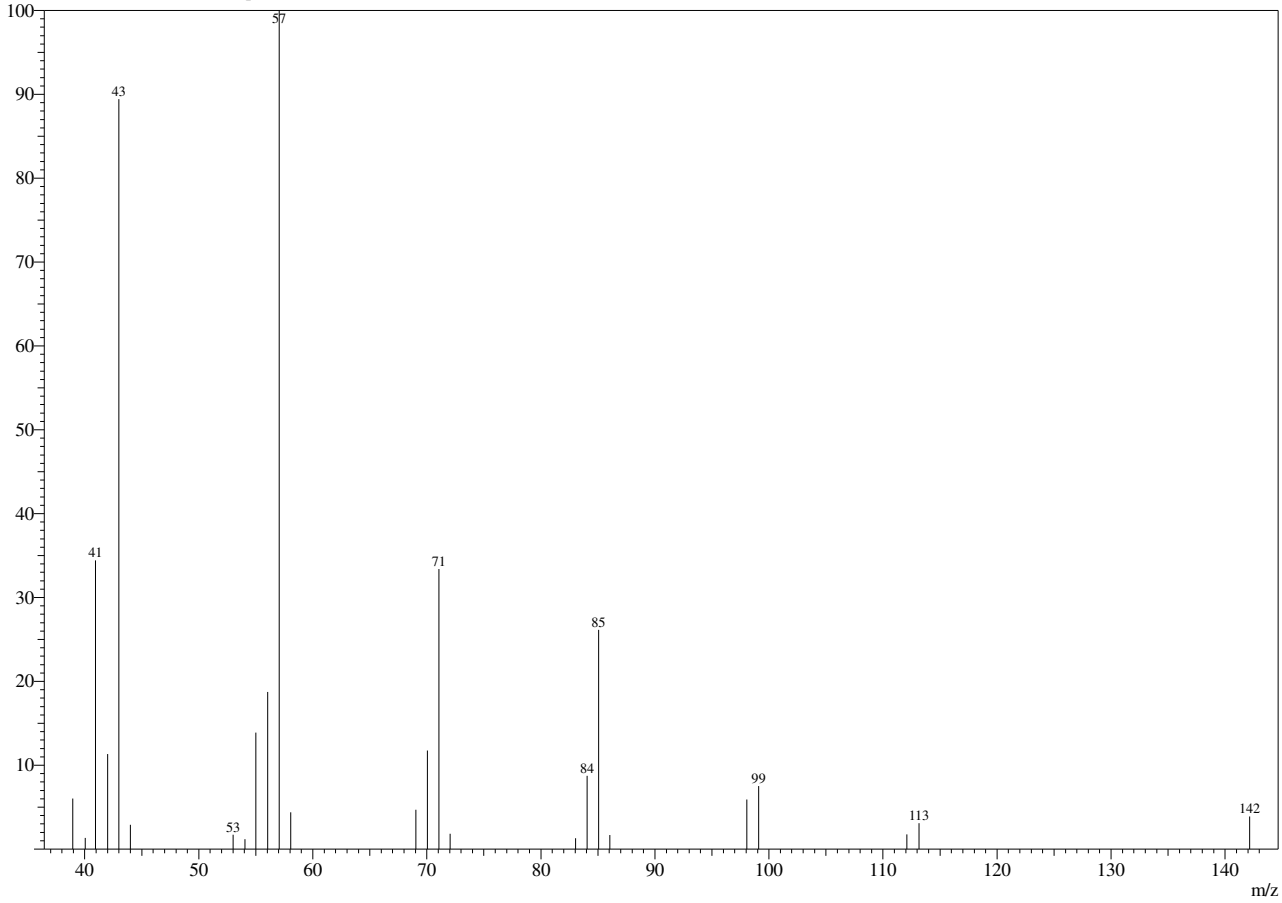


Mass Table
Peak#:4 R.Time:6.175(Scan#:1136)
MassPeaks:20
Group 1 - Event 1 Scan

#	m/z	Rel. Int.	#	m/z	Rel. Int.	#	m/z	Rel. Int.	#	m/z	Rel. Int.
1	38.95	6.33	6	62.00	1.32	11	79.00	6.36	16	103.05	5.96
2	49.95	2.92	7	63.00	3.86	12	89.00	2.02	17	104.05	1.95
3	51.00	8.57	8	65.00	5.99	13	91.00	100.00	18	105.05	16.71
4	52.00	4.24	9	77.00	9.38	14	92.00	7.78	19	106.05	46.51
5	53.00	2.16	10	78.00	4.94	15	102.05	1.23	20	107.05	3.80

Spectrum

Peak#:5 R.Time:9.321(Scan#:1765)
MassPeaks:25
RawMode:Averaged 9.315-9.325(1764-1766)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



Mass Table
Peak#:5 R.Time:9.320(Scan#:1765)
MassPeaks:25
Group 1 - Event 1 Scan

#	m/z	Rel. Int.	#	m/z	Rel. Int.	#	m/z	Rel. Int.	#	m/z	Rel. Int.
1	38.95	6.05	8	54.05	1.19	15	71.05	33.39	22	99.10	7.52
2	40.05	1.35	9	55.00	13.90	16	72.05	1.82	23	112.10	1.75
3	40.95	34.42	10	56.05	18.73	17	83.05	1.31	24	113.15	3.11
4	42.00	11.34	11	57.05	100.00	18	84.05	8.76	25	142.15	3.89
5	43.00	89.41	12	58.05	4.40	19	85.05	26.13			
6	44.00	2.92	13	69.05	4.69	20	86.05	1.67			
7	53.00	1.71	14	70.05	11.77	21	98.05	5.91			

Library

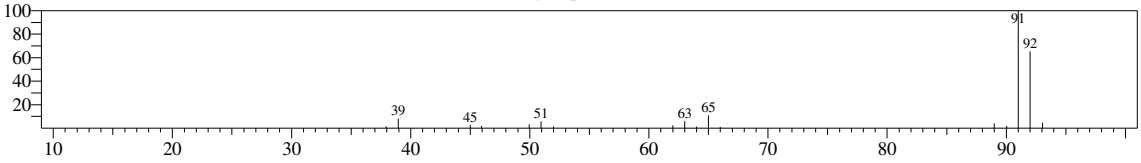
<< Target >>

Line#:1 R.Time:3.370(Scan#:575) MassPeaks:17

RawMode:Averaged 3.365-3.375(574-576) BasePeak:91.00(422372)

BG Mode:Calc. from Peak Group 1 - Event 1 Scan

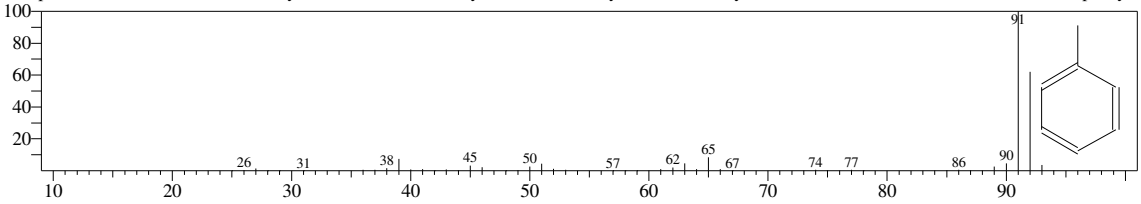
Target Spectrum



Hit#:1 Entry:1273 Library:NIST14s.lib

SI:96 Formula:C7H8 CAS:108-88-3 MolWeight:92 RetIndex:794

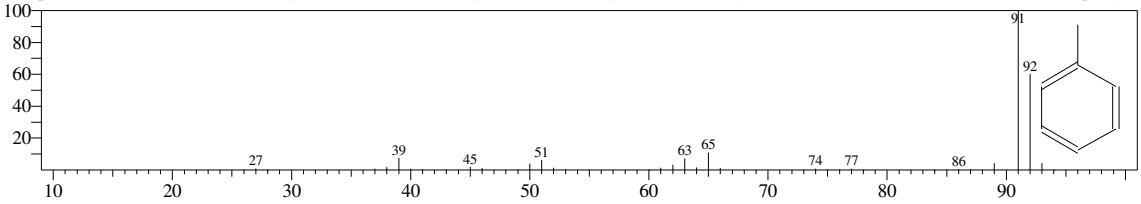
CompName:Toluene $$ Benzene, methyl $$ Methacide $$ Methylbenzene $$ Methylbenzol $$ Phenylmethane $$ Antisal 1a $$ Toluol $$ Methane, phenyl-



Hit#:2 Entry:1275 Library:NIST14s.lib

SI:96 Formula:C7H8 CAS:108-88-3 MolWeight:92 RetIndex:794

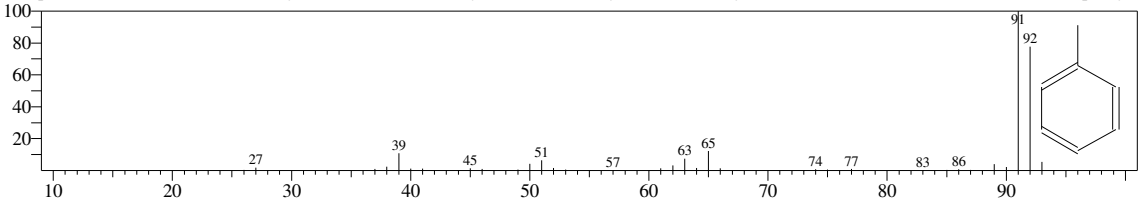
CompName:Toluene $$ Benzene, methyl $$ Methacide $$ Methylbenzene $$ Methylbenzol $$ Phenylmethane $$ Antisal 1a $$ Toluol $$ Methane, phenyl-



Hit#:3 Entry:1224 Library:NIST14.lib

SI:95 Formula:C7H8 CAS:108-88-3 MolWeight:92 RetIndex:794

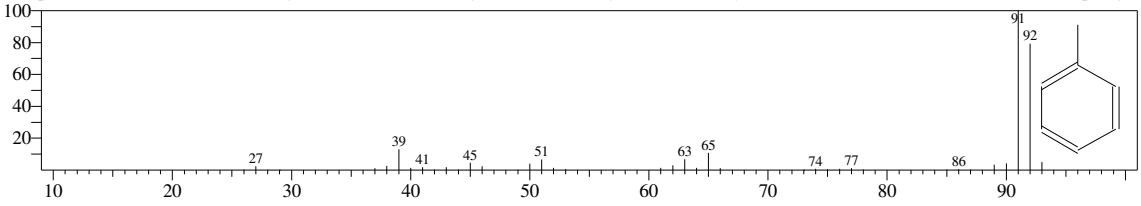
CompName:Toluene $$ Benzene, methyl $$ Methacide $$ Methylbenzene $$ Methylbenzol $$ Phenylmethane $$ Antisal 1a $$ Toluol $$ Methane, phenyl-



Hit#:4 Entry:1267 Library:NIST14s.lib

SI:94 Formula:C7H8 CAS:108-88-3 MolWeight:92 RetIndex:794

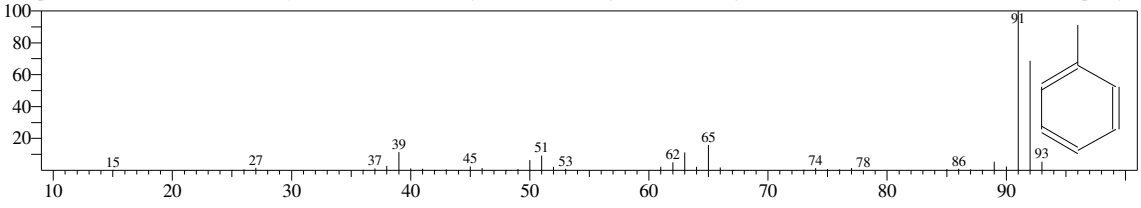
CompName:Toluene $$ Benzene, methyl $$ Methacide $$ Methylbenzene $$ Methylbenzol $$ Phenylmethane $$ Antisal 1a $$ Toluol $$ Methane, phenyl-



Hit#:5 Entry:1274 Library:NIST14s.lib

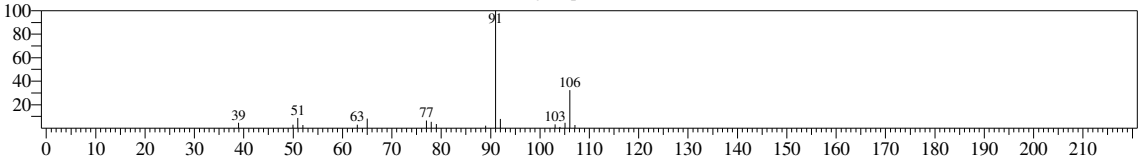
SI:93 Formula:C7H8 CAS:108-88-3 MolWeight:92 RetIndex:794

CompName:Toluene $$ Benzene, methyl $$ Methacide $$ Methylbenzene $$ Methylbenzol $$ Phenylmethane $$ Antisal 1a $$ Toluol $$ Methane, phenyl-

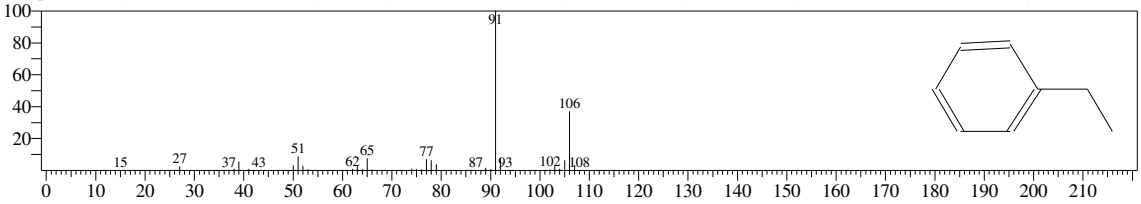


<< Target >>
Line#:2 R.Time:5.365(Scan#:974) MassPeaks:17
RawMode:Averaged 5.360-5.370(973-975) BasePeak:91.00(337327)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

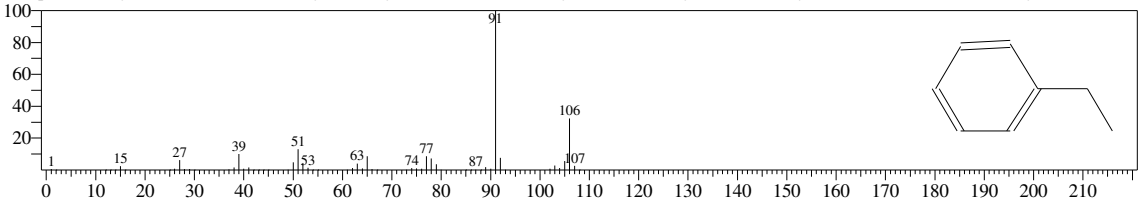
Target Spectrum



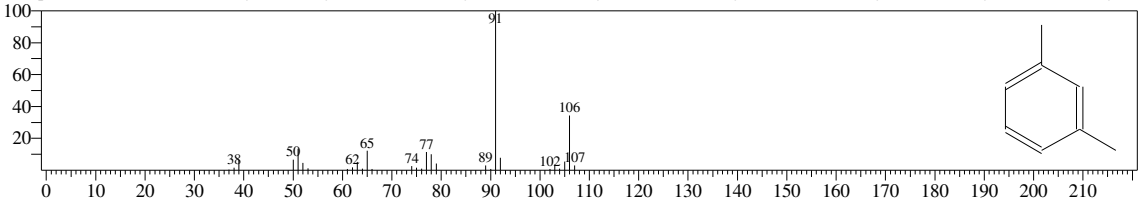
Hit#:1 Entry:2463 Library:NIST14s.lib
SI:96 Formula:C8H10 CAS:100-41-4 MolWeight:106 RetIndex:893
CompName:Ethylbenzene $$ Benzene, ethyl- $$ Ethylbenzol $$ EB $$ Phenylethane $$ Aethylbenzol $$ Ethylbenzeen $$ Etilbenzene $$ Etylobenzen $$ N



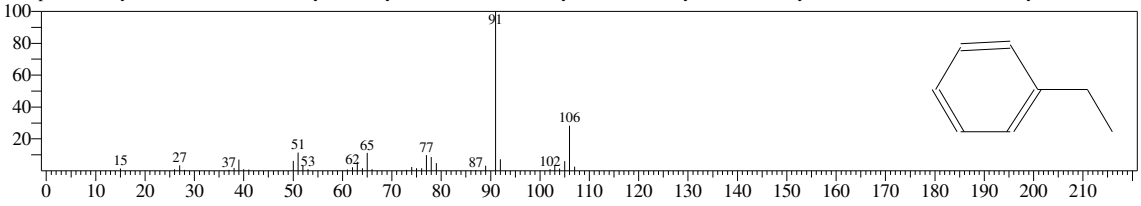
Hit#:2 Entry:2461 Library:NIST14s.lib
SI:94 Formula:C8H10 CAS:100-41-4 MolWeight:106 RetIndex:893
CompName:Ethylbenzene $$ Benzene, ethyl- $$ Ethylbenzol $$ EB $$ Phenylethane $$ Aethylbenzol $$ Ethylbenzeen $$ Etilbenzene $$ Etylobenzen $$ N



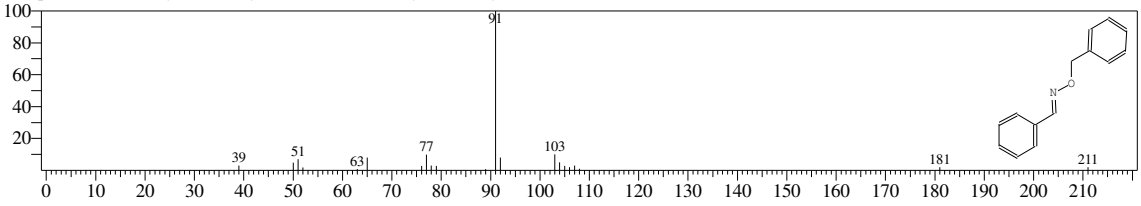
Hit#:3 Entry:2464 Library:NIST14s.lib
SI:93 Formula:C8H10 CAS:108-38-3 MolWeight:106 RetIndex:907
CompName:Benzene, 1,3-dimethyl- $$ m-Xylene $$ m-Dimethylbenzene $$ m-Xylol $$ 1,3-Dimethylbenzene $$ 1,3-Xylene $$ 2,4-Xylene $$ m-Methyltol



Hit#:4 Entry:2723 Library:NIST14.lib
SI:93 Formula:C8H10 CAS:100-41-4 MolWeight:106 RetIndex:893
CompName:Ethylbenzene $$ Benzene, ethyl- $$ Ethylbenzol $$ EB $$ Phenylethane $$ Aethylbenzol $$ Ethylbenzeen $$ Etilbenzene $$ Etylobenzen $$ N

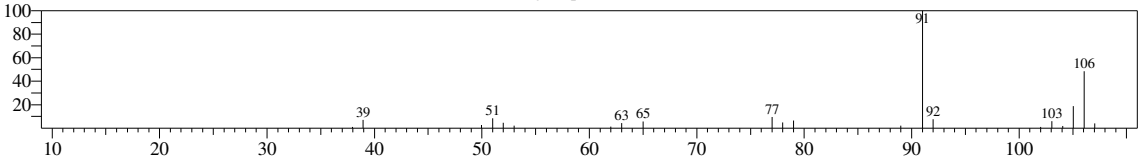


Hit#:5 Entry:55387 Library:NIST14.lib
SI:90 Formula:C14H13NO CAS:0-00-0 MolWeight:211 RetIndex:1858
CompName:Benzadehyde O-benzyloxime $$ Benzaldehyde o-benzyloxime # $$

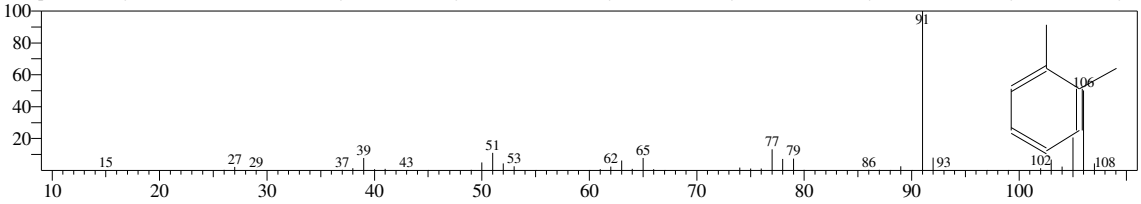


<< Target >>
Line#:3 R.Time:5.565(Scan#:1014) MassPeaks:21
RawMode:Averaged 5.560-5.570(1013-1015) BasePeak:91.00(413794)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

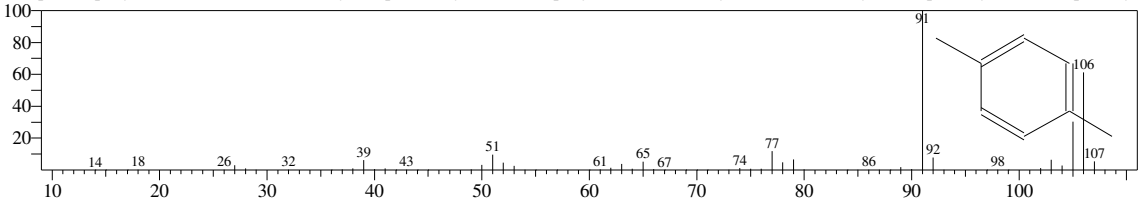
Target Spectrum



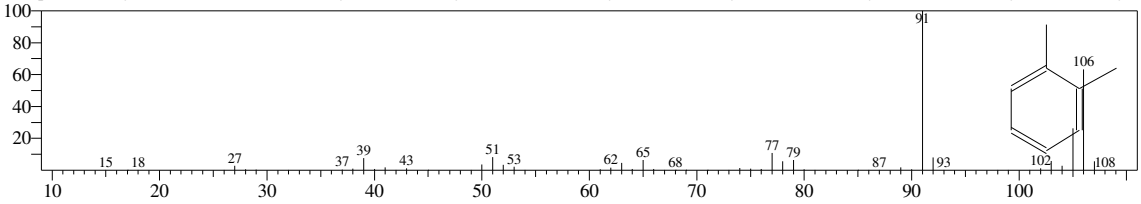
Hit#:1 Entry:2727 Library:NIST14.lib
SI:95 Formula:C8H10 CAS:95-47-6 MolWeight:106 RetIndex:907
CompName:o-Xylene $$ Benzene, 1,2-dimethyl- $$ o-Dimethylbenzene $$ o-Methyltoluene $$ o-Xylol $$ 1,2-Dimethylbenzene $$ 1,2-Xylene $$ 3,4-Xyle



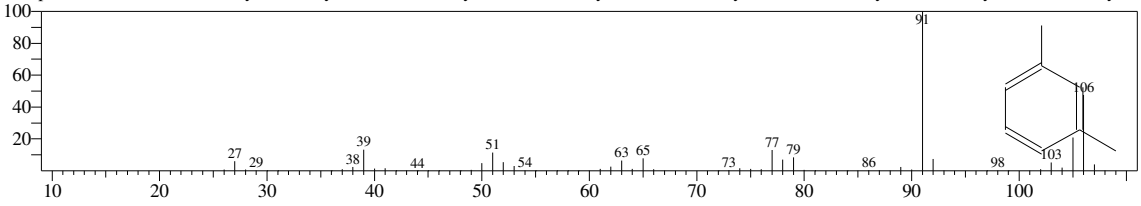
Hit#:2 Entry:2470 Library:NIST14s.lib
SI:95 Formula:C8H10 CAS:106-42-3 MolWeight:106 RetIndex:907
CompName:p-Xylene $$ Benzene, 1,4-dimethyl- $$ p-Dimethylbenzene $$ p-Xylol $$ 1,4-Dimethylbenzene $$ 1,4-Xylene $$ p-Methyltoluene $$ para-Xyl



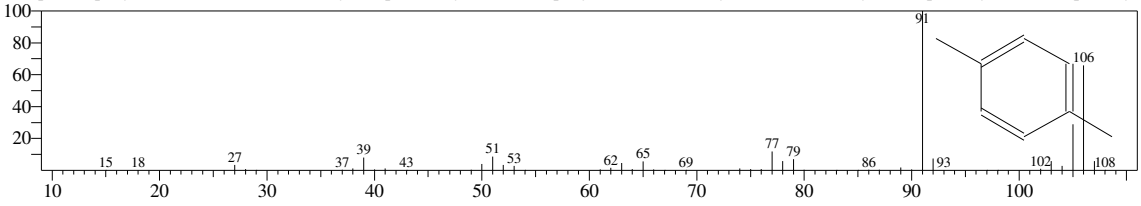
Hit#:3 Entry:2478 Library:NIST14s.lib
SI:94 Formula:C8H10 CAS:95-47-6 MolWeight:106 RetIndex:907
CompName:o-Xylene $$ Benzene, 1,2-dimethyl- $$ o-Dimethylbenzene $$ o-Methyltoluene $$ o-Xylol $$ 1,2-Dimethylbenzene $$ 1,2-Xylene $$ 3,4-Xyle



Hit#:4 Entry:2466 Library:NIST14s.lib
SI:94 Formula:C8H10 CAS:108-38-3 MolWeight:106 RetIndex:907
CompName:Benzene, 1,3-dimethyl- $$ m-Xylene $$ m-Dimethylbenzene $$ m-Xylol $$ 1,3-Dimethylbenzene $$ 1,3-Xylene $$ 2,4-Xylene $$ m-Methyltol

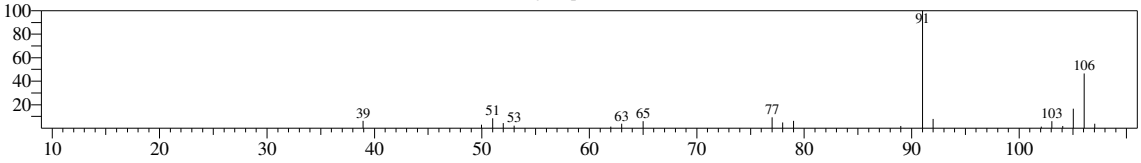


Hit#:5 Entry:2726 Library:NIST14.lib
SI:94 Formula:C8H10 CAS:106-42-3 MolWeight:106 RetIndex:907
CompName:p-Xylene $$ Benzene, 1,4-dimethyl- $$ p-Dimethylbenzene $$ p-Xylol $$ 1,4-Dimethylbenzene $$ 1,4-Xylene $$ p-Methyltoluene $$ para-Xyl

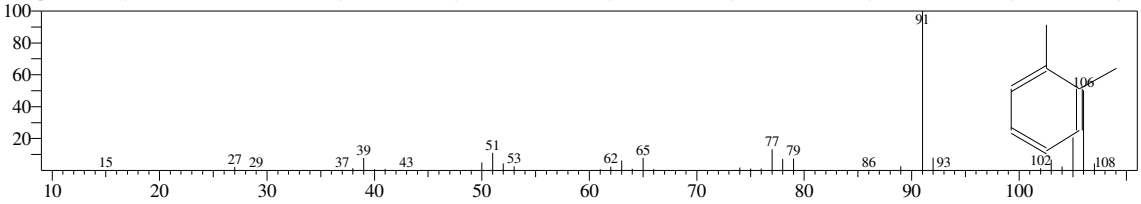


<< Target >>
Line#:4 R.Time:6.175(Scan#:1136) MassPeaks:20
RawMode:Averaged 6.170-6.180(1135-1137) BasePeak:91.00(314218)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

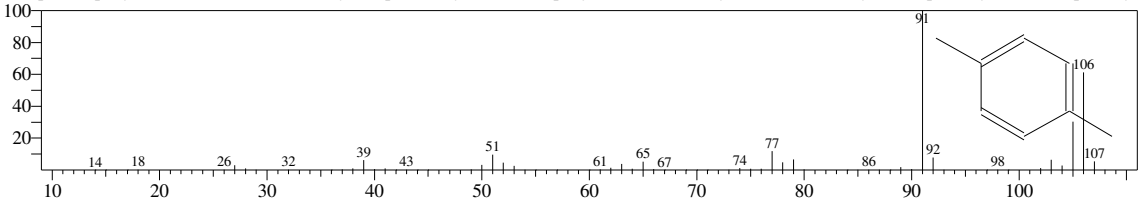
Target Spectrum



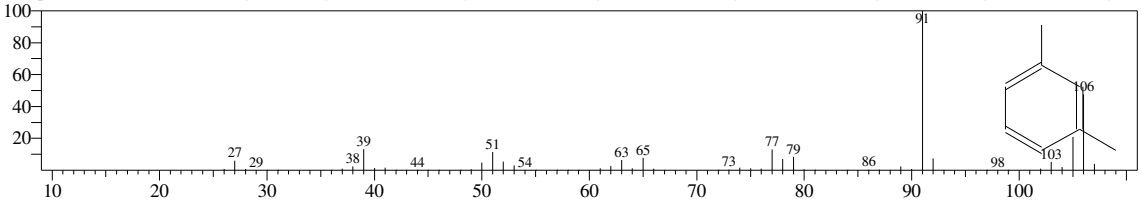
Hit#:1 Entry:2727 Library:NIST14.lib
SI:95 Formula:C8H10 CAS:95-47-6 MolWeight:106 RetIndex:907
CompName:o-Xylene $$ Benzene, 1,2-dimethyl- $$ o-Dimethylbenzene $$ o-Methyltoluene $$ o-Xylol $$ 1,2-Dimethylbenzene $$ 1,2-Xylene $$ 3,4-Xyle



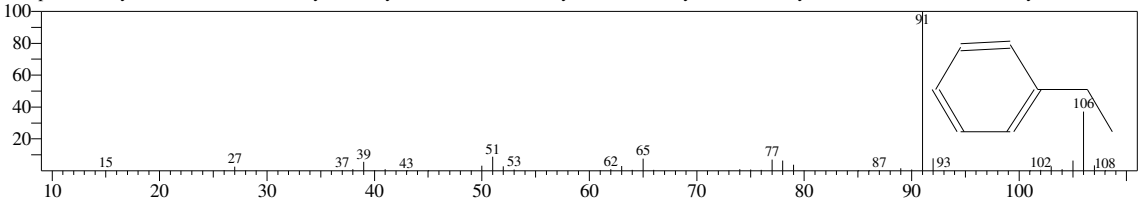
Hit#:2 Entry:2470 Library:NIST14s.lib
SI:94 Formula:C8H10 CAS:106-42-3 MolWeight:106 RetIndex:907
CompName:p-Xylene $$ Benzene, 1,4-dimethyl- $$ p-Dimethylbenzene $$ p-Xylol $$ 1,4-Dimethylbenzene $$ 1,4-Xylene $$ p-Methyltoluene $$ para-Xyl



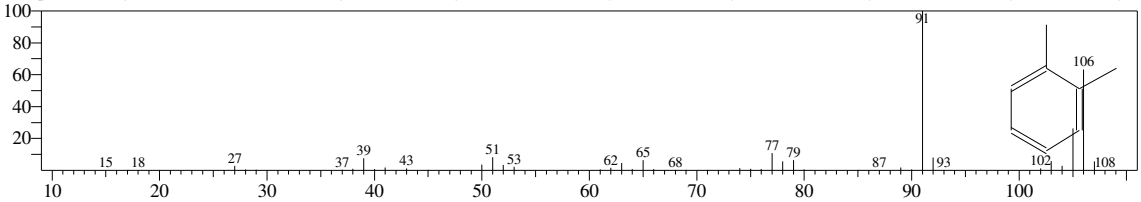
Hit#:3 Entry:2466 Library:NIST14s.lib
SI:94 Formula:C8H10 CAS:108-38-3 MolWeight:106 RetIndex:907
CompName:Benzene, 1,3-dimethyl- $$ m-Xylene $$ m-Dimethylbenzene $$ m-Xylol $$ 1,3-Dimethylbenzene $$ 1,3-Xylene $$ 2,4-Xylene $$ m-Methyltol



Hit#:4 Entry:2463 Library:NIST14s.lib
SI:94 Formula:C8H10 CAS:100-41-4 MolWeight:106 RetIndex:893
CompName:Ethylbenzene $$ Benzene, ethyl- $$ Ethylbenzol $$ EB $$ Phenylethane $$ Aethylbenzol $$ Ethylbenzeen $$ Etilbenzene $$ Etylobenzen $$ N

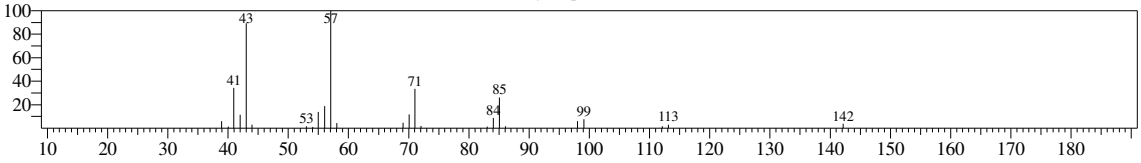


Hit#:5 Entry:2478 Library:NIST14s.lib
SI:94 Formula:C8H10 CAS:95-47-6 MolWeight:106 RetIndex:907
CompName:o-Xylene $$ Benzene, 1,2-dimethyl- $$ o-Dimethylbenzene $$ o-Methyltoluene $$ o-Xylol $$ 1,2-Dimethylbenzene $$ 1,2-Xylene $$ 3,4-Xyle

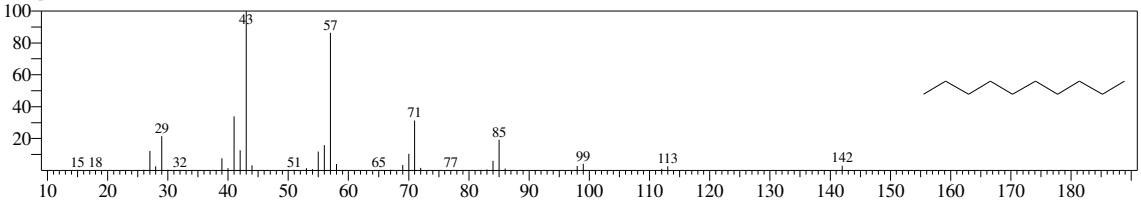


<< Target >>
Line#:5 R.Time:9.320(Scan#:1765) MassPeaks:25
RawMode:Averaged 9.315-9.325(1764-1766) BasePeak:57.05(158234)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

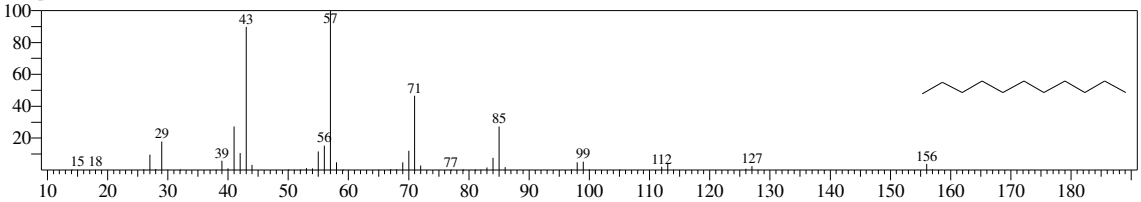
Target Spectrum



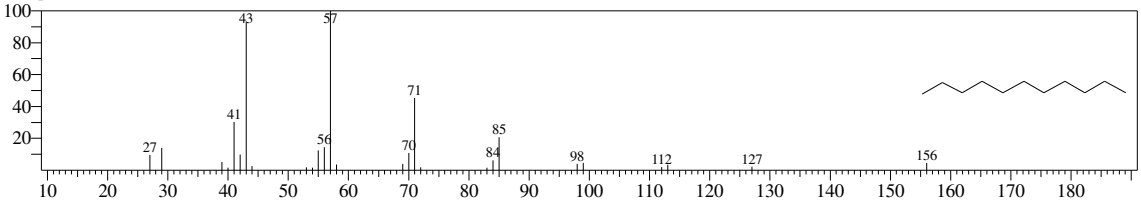
Hit#:1 Entry:7907 Library:NIST14s.lib
SI:96 Formula:C10H22 CAS:124-18-5 MolWeight:142 RetIndex:1015
CompName:Decane $$ n-Decane $$ n-C10H22 $$ UN 2247 $$



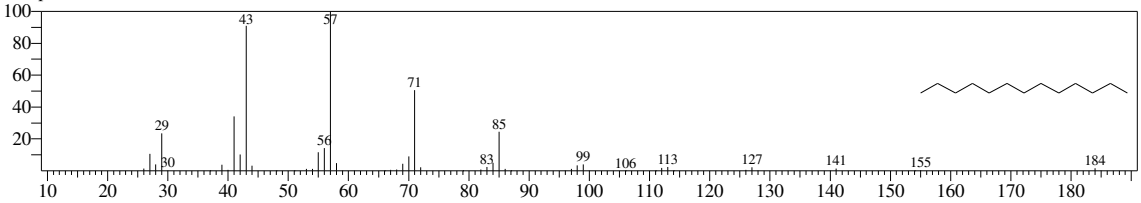
Hit#:2 Entry:19287 Library:NIST14.lib
SI:96 Formula:C11H24 CAS:1120-21-4 MolWeight:156 RetIndex:1115
CompName:Undecane $$ n-Undecane $$ Hendecane $$ n-C11H24 $$ UN 2330 $$



Hit#:3 Entry:10790 Library:NIST14s.lib
SI:96 Formula:C11H24 CAS:1120-21-4 MolWeight:156 RetIndex:1115
CompName:Undecane $$ n-Undecane $$ Hendecane $$ n-C11H24 $$ UN 2330 $$



Hit#:4 Entry:36063 Library:NIST14.lib
SI:95 Formula:C13H28 CAS:629-50-5 MolWeight:184 RetIndex:1313
CompName:Tridecane $$ n-Tridecane $$ Tridecane, n- $$



Hit#:5 Entry:7906 Library:NIST14s.lib
SI:95 Formula:C10H22 CAS:124-18-5 MolWeight:142 RetIndex:1015
CompName:Decane $$ n-Decane $$ n-C10H22 $$ UN 2247 $$