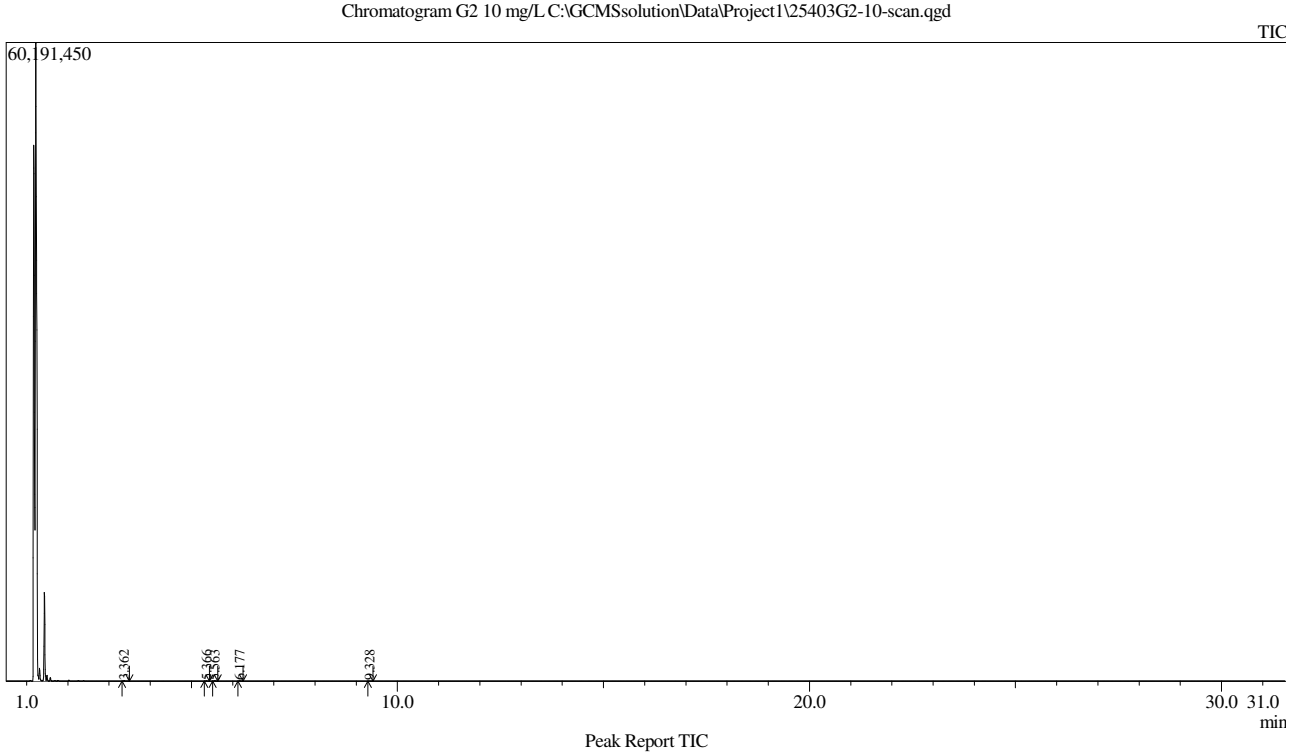
Chromatogram G2 10 mg/L C:\GCMSsolution\Data\Project1\25403G2-10-scan.qgd

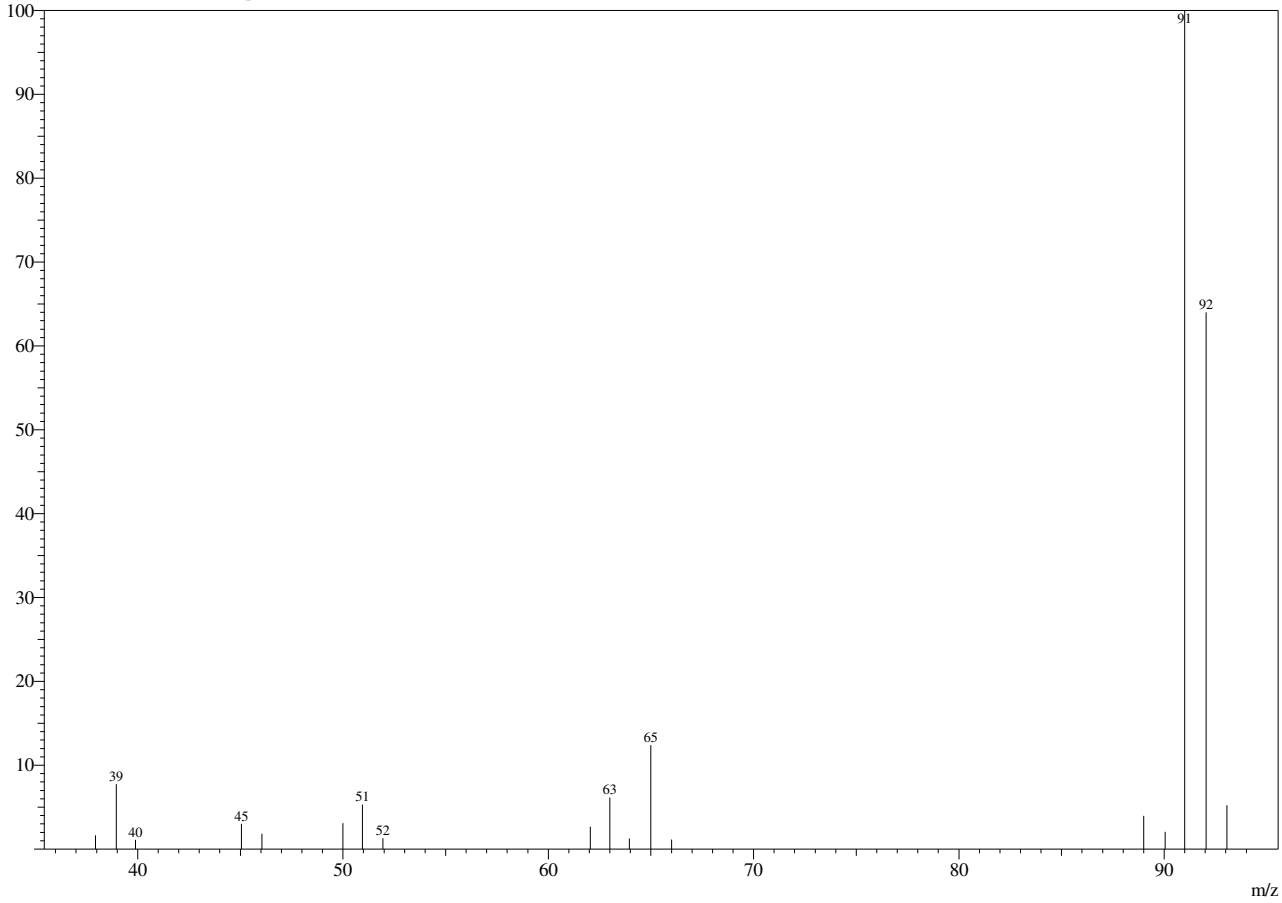


Peak Report TIC

Peak#	R.Time	I.Time	F.Time	Area	Area%	Height	A/H	Mark	Name
1	3.362	3.315	3.495	69569	23.92	36342	1.91	MI	Toluene
2	5.366	5.310	5.435	50006	17.20	23930	2.09	MI	Ethylbenzene
3	5.563	5.515	5.640	75951	26.12	33870	2.24	MI	p-Xylene
4	6.177	6.125	6.250	53481	18.39	24412	2.19	MI	p-Xylene
5	9.328	9.280	9.405	41804	14.37	15480	2.70	MI	Undecane
				290811	100.00	134034			

Spectrum

Peak#:1 R.Time:3.362(Scan#:573)
MassPeaks:18
RawMode:Averaged 3.355-3.365(572-574)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

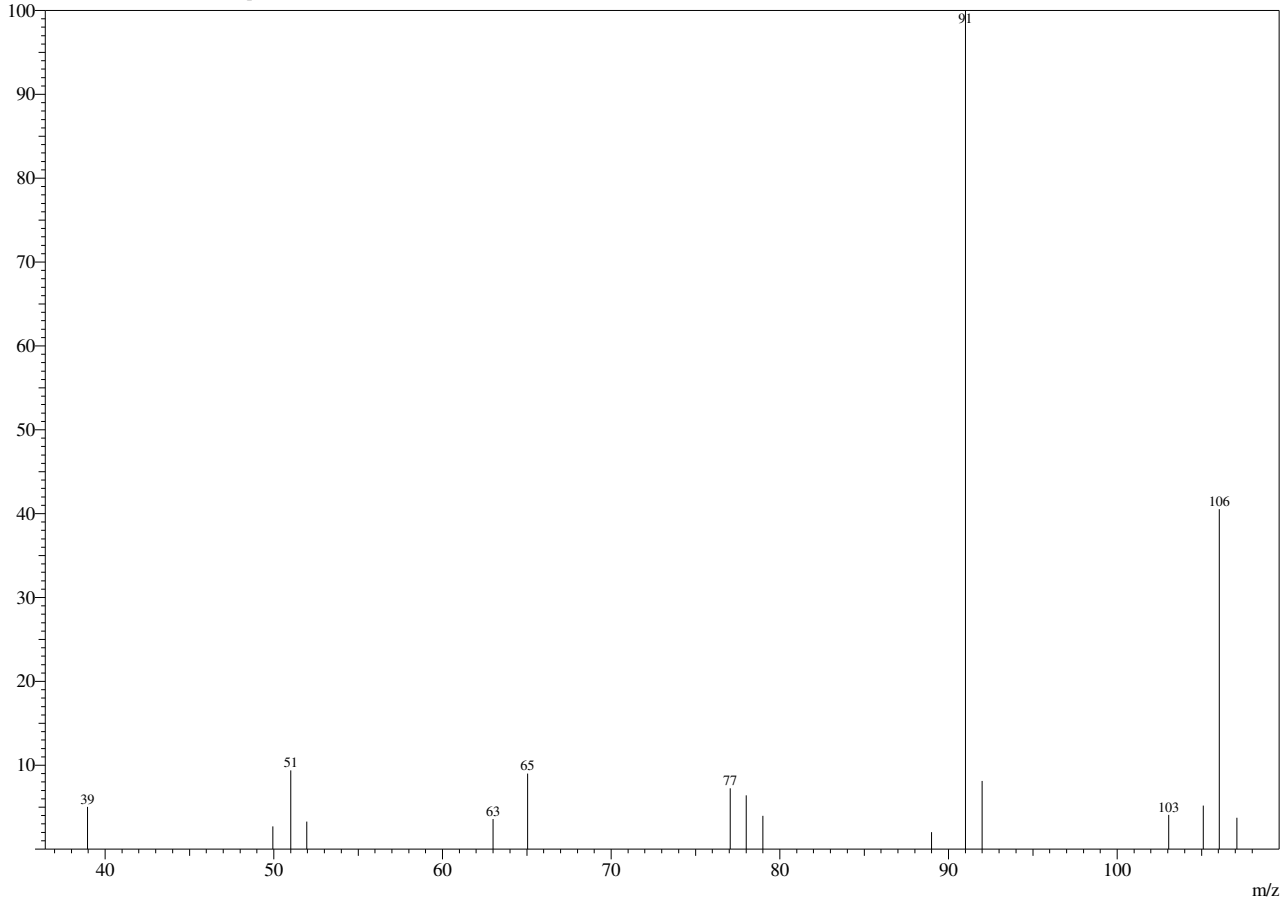


Mass Table
Peak#:1 R.Time:3.360(Scan#:573)
MassPeaks:18
Group 1 - Event 1 Scan

#	m/z	Rel. Int.	#	m/z	Rel. Int.	#	m/z	Rel. Int.	#	m/z	Rel. Int.
1	37.95	1.63	6	50.00	3.07	11	63.95	1.26	16	91.00	100.00
2	38.95	7.75	7	50.95	5.30	12	65.00	12.39	17	92.05	64.01
3	39.90	1.11	8	51.95	1.29	13	66.00	1.15	18	93.05	5.23
4	45.05	3.00	9	62.05	2.67	14	89.00	3.96			
5	46.05	1.83	10	63.00	6.13	15	90.05	2.06			

Spectrum

Peak#:2 R.Time:5.366(Scan#:974)
MassPeaks:16
RawMode:Averaged 5.360-5.370(973-975)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

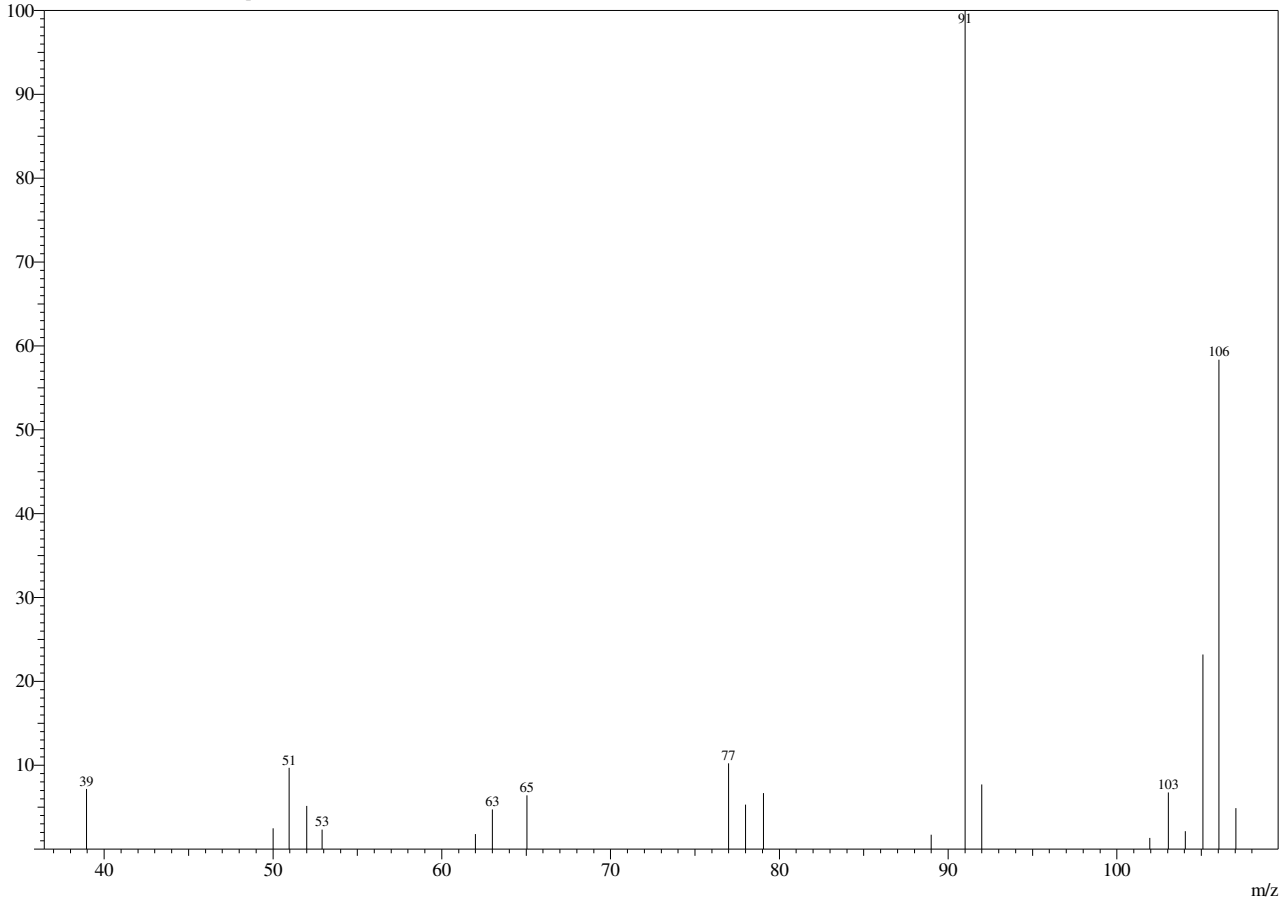


Mass Table
Peak#:2 R.Time:5.365(Scan#:974)
MassPeaks:16
Group 1 - Event 1 Scan

#	m/z	Rel. Int.	#	m/z	Rel. Int.	#	m/z	Rel. Int.	#	m/z	Rel. Int.
1	38.95	5.05	5	63.00	3.57	9	79.00	3.99	13	103.05	4.10
2	49.95	2.72	6	65.05	9.02	10	89.00	2.03	14	105.10	5.17
3	51.00	9.39	7	77.05	7.24	11	91.00	100.00	15	106.05	40.54
4	51.95	3.28	8	78.00	6.42	12	92.00	8.12	16	107.10	3.73

Spectrum

Peak#:3 R.Time:5.563(Scan#:1014)
MassPeaks:20
RawMode:Averaged 5.560-5.570(1013-1015)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

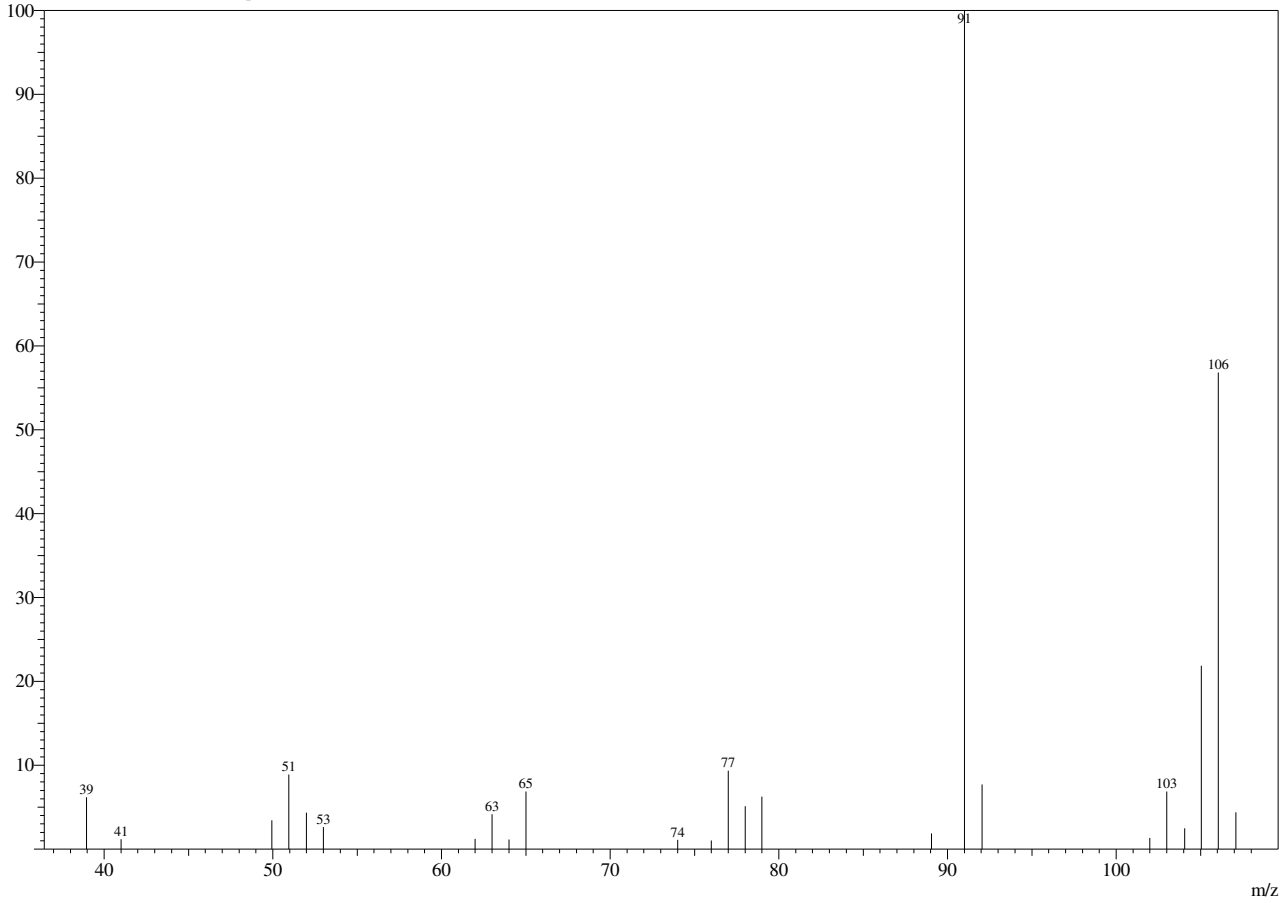


Mass Table
Peak#:3 R.Time:5.565(Scan#:1014)
MassPeaks:20
Group 1 - Event 1 Scan

#	m/z	Rel. Int.	#	m/z	Rel. Int.	#	m/z	Rel. Int.	#	m/z	Rel. Int.
1	38.95	7.16	6	62.00	1.80	11	79.05	6.67	16	103.05	6.74
2	50.00	2.49	7	63.00	4.75	12	89.00	1.72	17	104.05	2.15
3	50.95	9.68	8	65.05	6.43	13	91.00	100.00	18	105.10	23.21
4	52.00	5.15	9	77.00	10.22	14	92.00	7.72	19	106.05	58.38
5	52.90	2.35	10	78.00	5.29	15	101.95	1.35	20	107.05	4.90

Spectrum

Peak#:4 R.Time:6.177(Scan#:1136)
MassPeaks:24
RawMode:Averaged 6.170-6.180(1135-1137)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

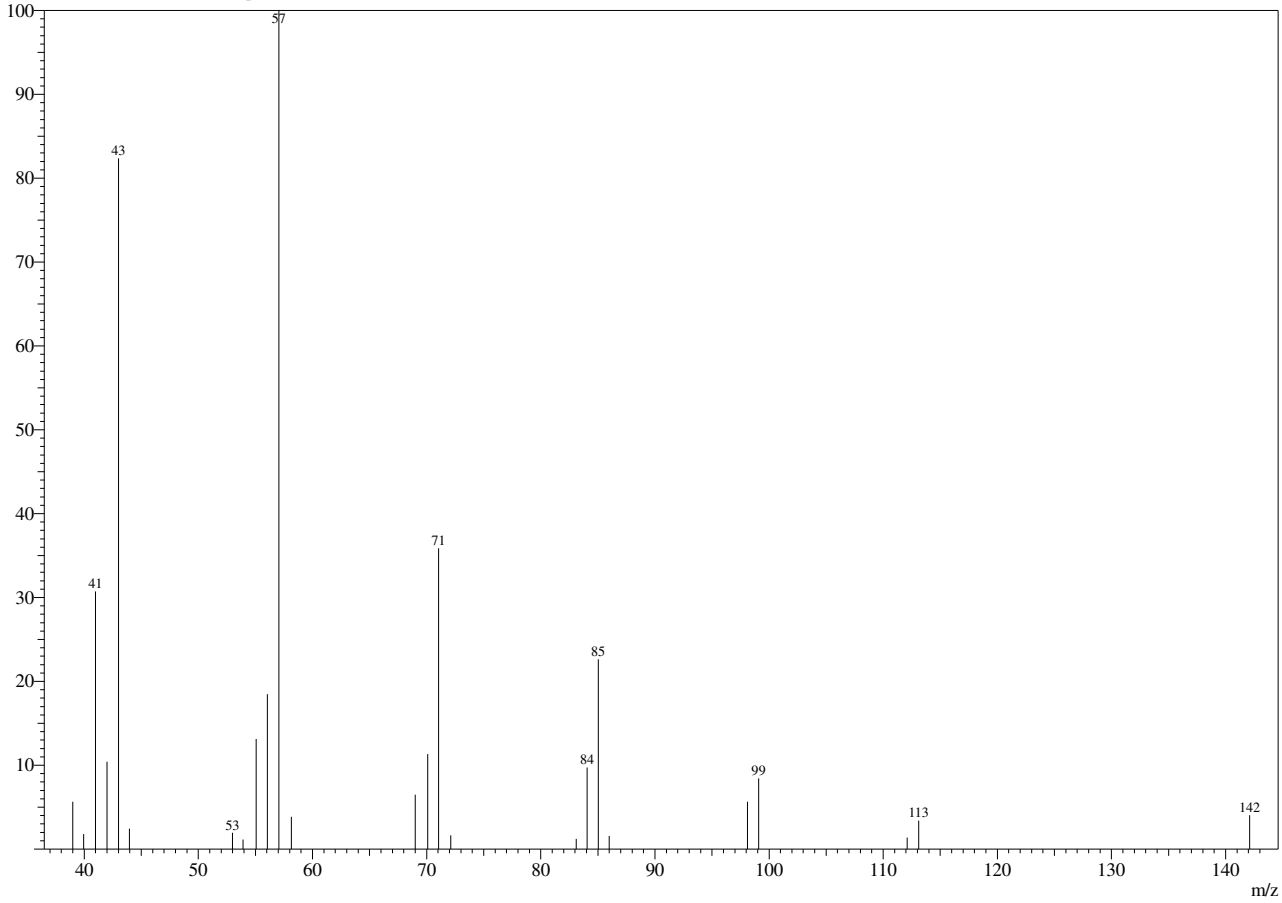


Mass Table
Peak#:4 R.Time:6.175(Scan#:1136)
MassPeaks:24
Group 1 - Event 1 Scan

#	m/z	Rel. Int.	#	m/z	Rel. Int.	#	m/z	Rel. Int.	#	m/z	Rel. Int.
1	38.95	6.17	7	62.00	1.22	13	77.00	9.34	19	102.00	1.34
2	41.00	1.20	8	63.00	4.15	14	78.00	5.10	20	103.00	6.87
3	49.95	3.42	9	64.00	1.14	15	79.00	6.26	21	104.05	2.47
4	50.95	8.89	10	65.00	6.86	16	89.05	1.88	22	105.05	21.88
5	52.00	4.37	11	74.00	1.11	17	91.00	100.00	23	106.05	56.85
6	53.00	2.65	12	76.00	1.01	18	92.05	7.72	24	107.10	4.38

Spectrum

Peak#:5 R.Time:9.328(Scan#:1767)
MassPeaks:25
RawMode:Averaged 9.325-9.335(1766-1768)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



Mass Table
Peak#:5 R.Time:9.330(Scan#:1767)
MassPeaks:25
Group 1 - Event 1 Scan

#	m/z	Rel. Int.	#	m/z	Rel. Int.	#	m/z	Rel. Int.	#	m/z	Rel. Int.
1	39.00	5.63	8	53.90	1.14	15	71.05	35.87	22	99.10	8.45
2	39.95	1.81	9	55.05	13.12	16	72.10	1.63	23	112.10	1.37
3	41.00	30.71	10	56.05	18.49	17	83.10	1.21	24	113.10	3.38
4	42.00	10.41	11	57.05	100.00	18	84.05	9.74	25	142.10	4.03
5	43.00	82.36	12	58.15	3.85	19	85.05	22.62			
6	43.95	2.43	13	69.00	6.48	20	86.00	1.55			
7	53.00	1.96	14	70.10	11.34	21	98.10	5.63			

Library

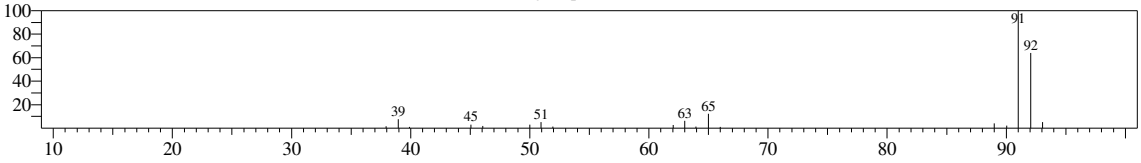
<< Target >>

Line#:1 R.Time:3.360(Scan#:573) MassPeaks:18

RawMode:Averaged 3.355-3.365(572-574) BasePeak:91.00(14153)

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

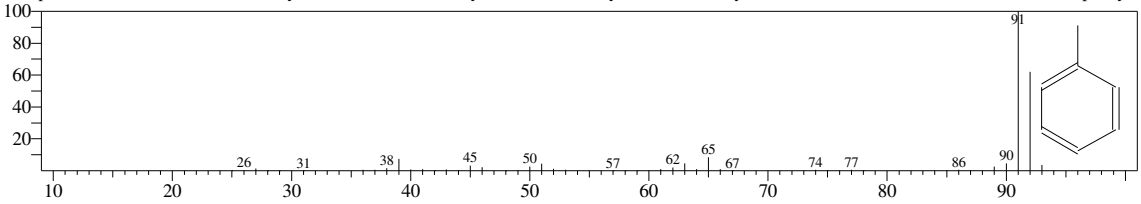
Target Spectrum



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

SI:97 Formula:C7H8 CAS:108-88-3 MolWeight:92 RetIndex:794

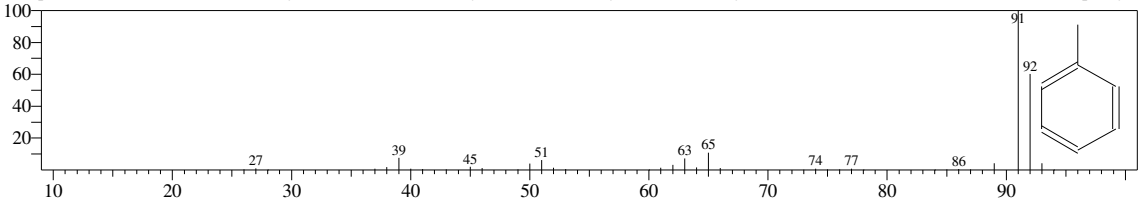
CompName:Toluene $$ Benzene, methyl $$ Methacide $$ Methylbenzene $$ Methylbenzol $$ Phenylmethane $$ Antisal 1a $$ Toluol $$ Methane, phenyl-



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

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

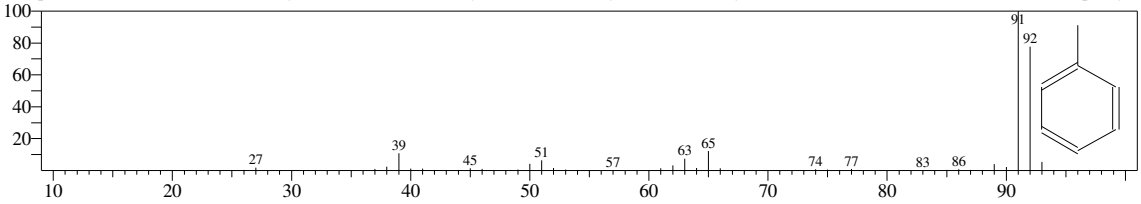
CompName:Toluene $$ Benzene, methyl $$ Methacide $$ Methylbenzene $$ Methylbenzol $$ Phenylmethane $$ Antisal 1a $$ Toluol $$ Methane, phenyl-



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

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

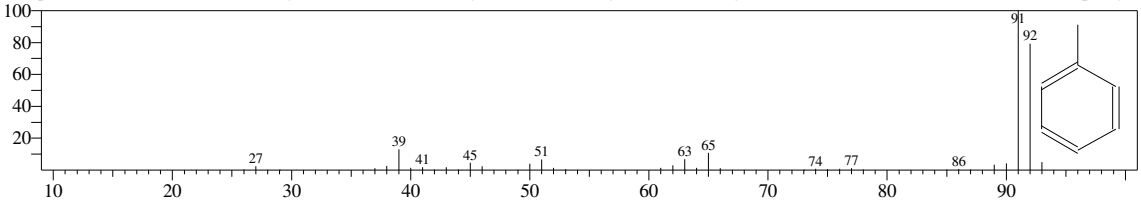
CompName:Toluene $$ Benzene, methyl $$ Methacide $$ Methylbenzene $$ Methylbenzol $$ Phenylmethane $$ Antisal 1a $$ Toluol $$ Methane, phenyl-



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

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

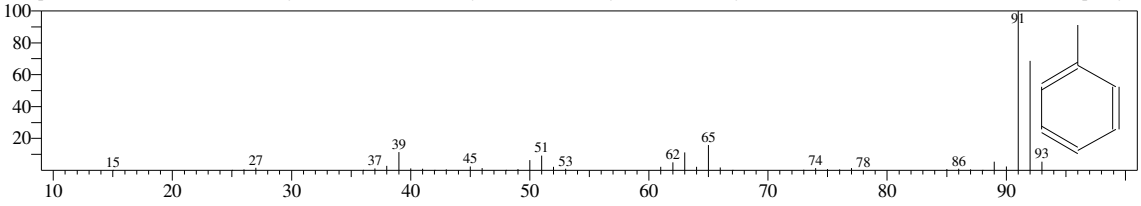
CompName:Toluene $$ Benzene, methyl $$ Methacide $$ Methylbenzene $$ Methylbenzol $$ Phenylmethane $$ Antisal 1a $$ Toluol $$ Methane, phenyl-



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

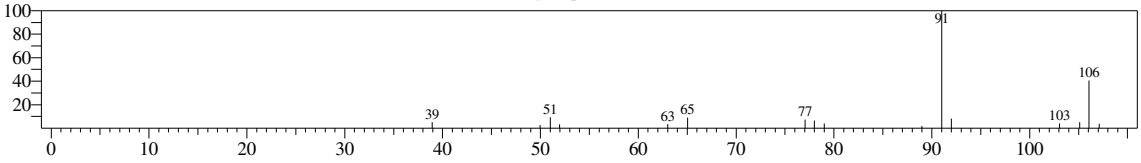
SI:93 Formula:C7H8 CAS:108-88-3 MolWeight:92 RetIndex:794

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

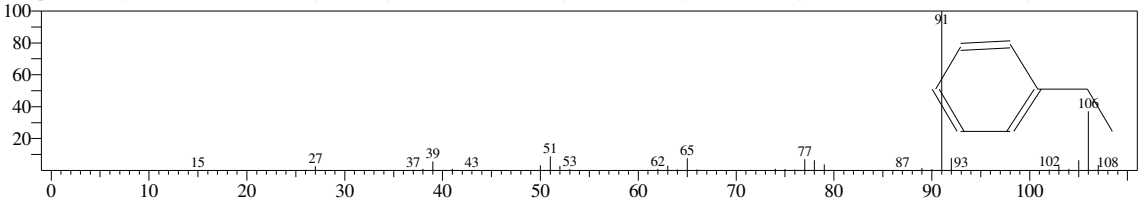


<< Target >>
Line#:2 R.Time:5.365(Scan#:974) MassPeaks:16
RawMode:Averaged 5.360-5.370(973-975) BasePeak:91.00(10029)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

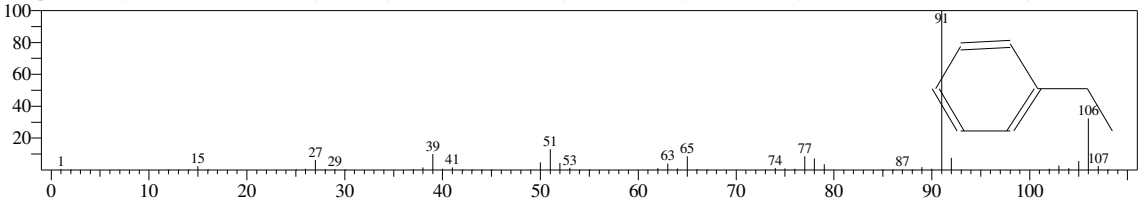
Target Spectrum



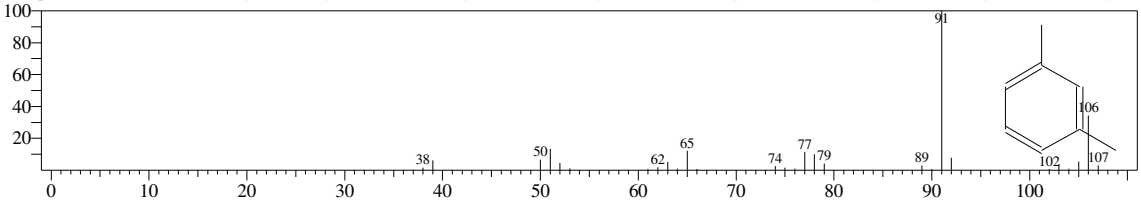
Hit#:1 Entry:2463 Library:NIST14s.lib
SI:96 Formula:C8H10 CAS:100-41-4 MolWeight:106 RetIndex:893
CompName:Ethylbenzene $$ Benzene, ethyl- $$ Ethylbenzol $$ EB $$ Phenylethane $$ Aethylbenzol $$ Ethylbenzeen $$ Etilbenzene $$ Etylobenzen $$ N



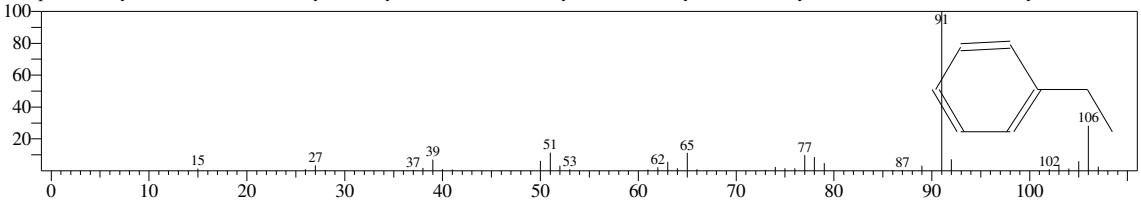
Hit#:2 Entry:2461 Library:NIST14s.lib
SI:94 Formula:C8H10 CAS:100-41-4 MolWeight:106 RetIndex:893
CompName:Ethylbenzene $$ Benzene, ethyl- $$ Ethylbenzol $$ EB $$ Phenylethane $$ Aethylbenzol $$ Ethylbenzeen $$ Etilbenzene $$ Etylobenzen $$ N



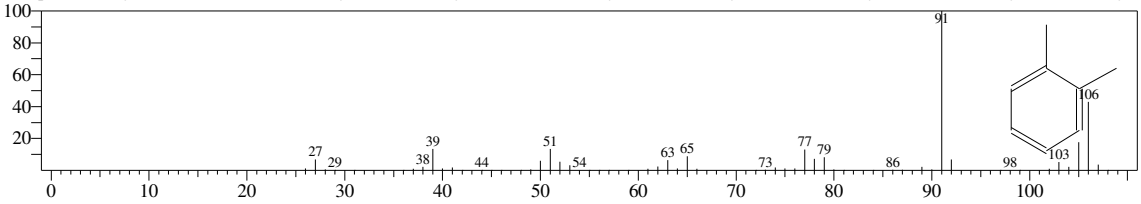
Hit#:3 Entry:2464 Library:NIST14s.lib
SI:93 Formula:C8H10 CAS:108-38-3 MolWeight:106 RetIndex:907
CompName:Benzene, 1,3-dimethyl- $$ m-Xylene $$ m-Dimethylbenzene $$ m-Xylol $$ 1,3-Dimethylbenzene $$ 1,3-Xylene $$ 2,4-Xylene $$ m-Methyltol



Hit#:4 Entry:2723 Library:NIST14.lib
SI:92 Formula:C8H10 CAS:100-41-4 MolWeight:106 RetIndex:893
CompName:Ethylbenzene $$ Benzene, ethyl- $$ Ethylbenzol $$ EB $$ Phenylethane $$ Aethylbenzol $$ Ethylbenzeen $$ Etilbenzene $$ Etylobenzen $$ N

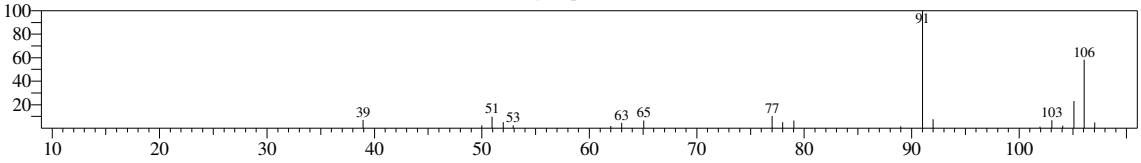


Hit#:5 Entry:2477 Library:NIST14s.lib
SI:90 Formula:C8H10 CAS:95-47-6 MolWeight:106 RetIndex:907
CompName:o-Xylene $$ Benzene, 1,2-dimethyl- $$ o-Dimethylbenzene $$ o-Methyltoluene $$ o-Xylol $$ 1,2-Dimethylbenzene $$ 1,2-Xylene $$ 3,4-Xyle

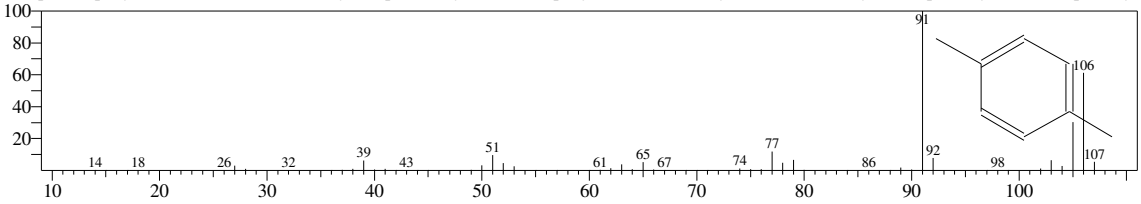


<< Target >>
Line#:3 R.Time:5.565(Scan#:1014) MassPeaks:20
RawMode:Averaged 5.560-5.570(1013-1015) BasePeak:91.00(11717)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

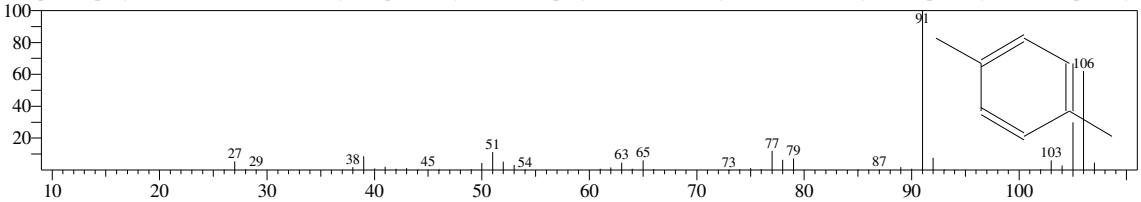
Target Spectrum



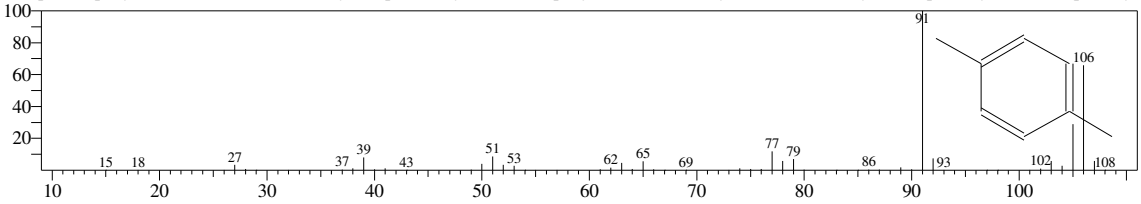
Hit#:1 Entry:2470 Library:NIST14s.lib
SI:96 Formula:C8H10 CAS:106-42-3 MolWeight:106 RetIndex:907
CompName:p-Xylene $$ Benzene, 1,4-dimethyl- $$ p-Dimethylbenzene $$ p-Xylol $$ 1,4-Dimethylbenzene $$ 1,4-Xylene $$ p-Methyltoluene $$ para-Xyl



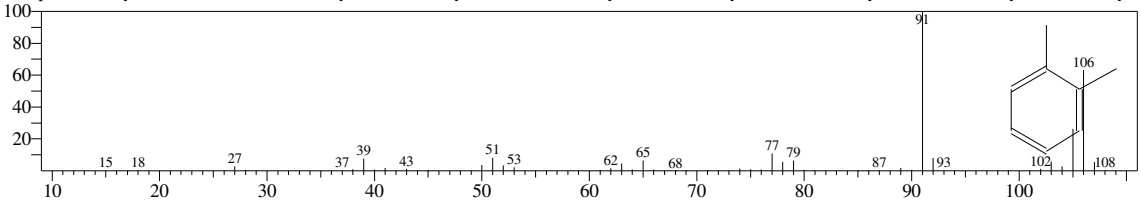
Hit#:2 Entry:2471 Library:NIST14s.lib
SI:96 Formula:C8H10 CAS:106-42-3 MolWeight:106 RetIndex:907
CompName:p-Xylene $$ Benzene, 1,4-dimethyl- $$ p-Dimethylbenzene $$ p-Xylol $$ 1,4-Dimethylbenzene $$ 1,4-Xylene $$ p-Methyltoluene $$ para-Xyl



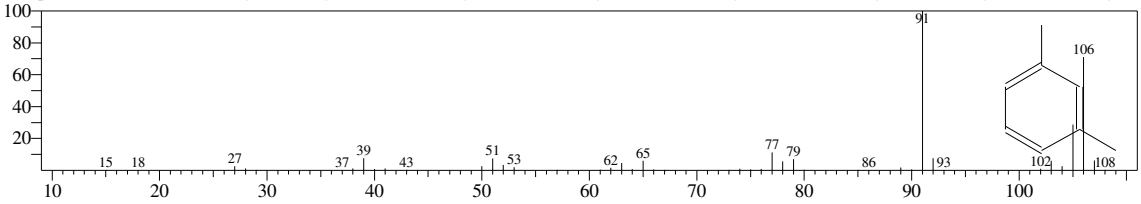
Hit#:3 Entry:2726 Library:NIST14.lib
SI:96 Formula:C8H10 CAS:106-42-3 MolWeight:106 RetIndex:907
CompName:p-Xylene $$ Benzene, 1,4-dimethyl- $$ p-Dimethylbenzene $$ p-Xylol $$ 1,4-Dimethylbenzene $$ 1,4-Xylene $$ p-Methyltoluene $$ para-Xyl



Hit#:4 Entry:2478 Library:NIST14s.lib
SI:96 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

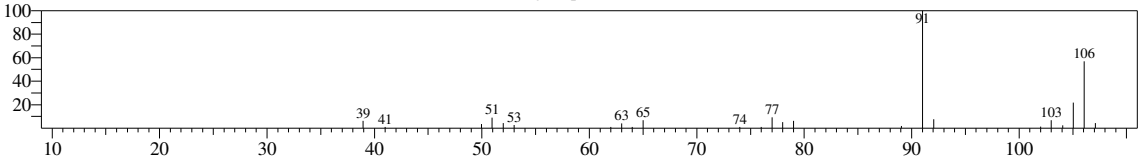


Hit#:5 Entry:2467 Library:NIST14s.lib
SI:96 Formula:C8H10 CAS:108-38-3 MolWeight:106 RetIndex:907
CompName:Benzene, 1,3-dimethyl- $$ m-Xylene $$ m-Dimethylbenzene $$ m-Xylol $$ 1,3-Dimethylbenzene $$ 1,3-Xylene $$ 2,4-Xylene $$ m-Methyltol

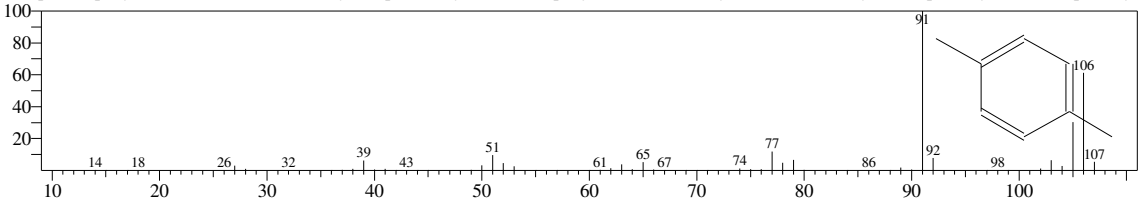


<< Target >>
Line#:4 R.Time:6.175(Scan#:1136) MassPeaks:24
RawMode:Averaged 6.170-6.180(1135-1137) BasePeak:91.00(8674)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

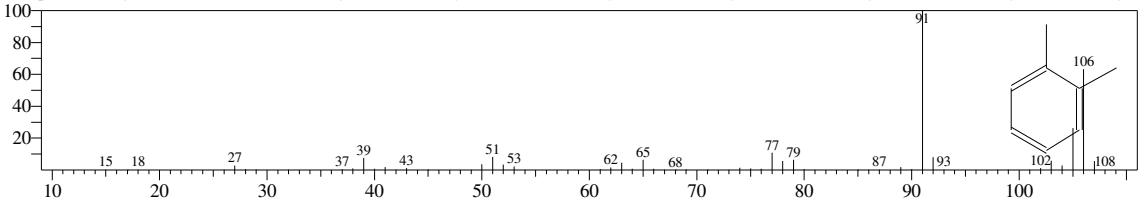
Target Spectrum



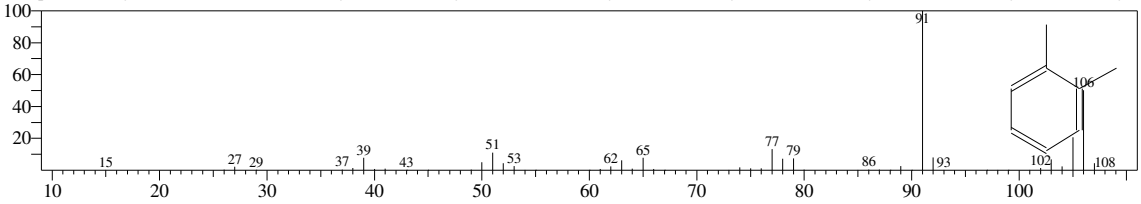
Hit#:1 Entry:2470 Library:NIST14s.lib
SI:97 Formula:C8H10 CAS:106-42-3 MolWeight:106 RetIndex:907
CompName:p-Xylene $$ Benzene, 1,4-dimethyl- $$ p-Dimethylbenzene $$ p-Xylol $$ 1,4-Dimethylbenzene $$ 1,4-Xylene $$ p-Methyltoluene $$ para-Xyl



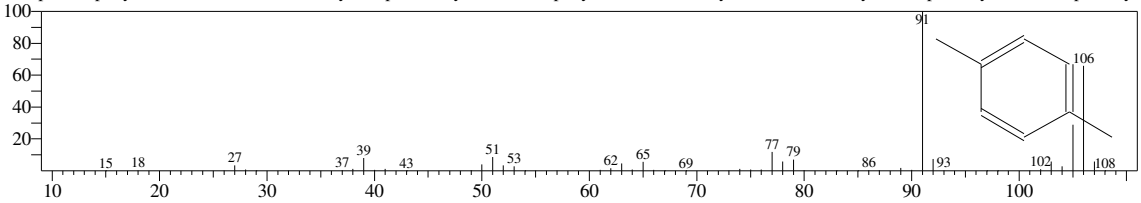
Hit#:2 Entry:2478 Library:NIST14s.lib
SI:96 Formula:C8H10 CAS:95-47-6 MolWeight:106 RetIndex:907
CompName:o-Xylene $$ Benzene, 1,2-dimethyl- $$ o-Dimethylbenzene $$ o-Methyltoluene $$ o-Xylol $$ 1,2-Dimethylbenzene $$ 1,2-Xylene $$ 3,4-Xyle



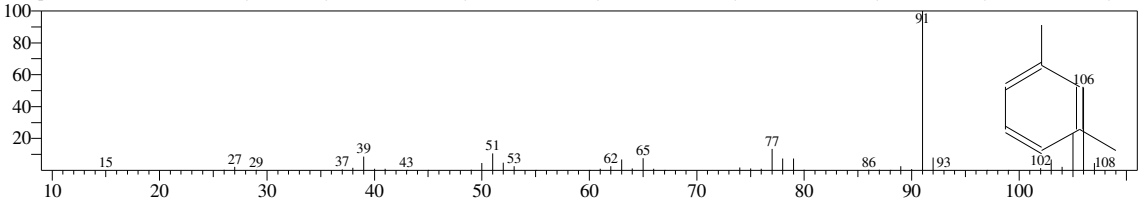
Hit#:3 Entry:2727 Library:NIST14.lib
SI:96 Formula:C8H10 CAS:95-47-6 MolWeight:106 RetIndex:907
CompName:o-Xylene $$ Benzene, 1,2-dimethyl- $$ o-Dimethylbenzene $$ o-Methyltoluene $$ o-Xylol $$ 1,2-Dimethylbenzene $$ 1,2-Xylene $$ 3,4-Xyle



Hit#:4 Entry:2726 Library:NIST14.lib
SI:96 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

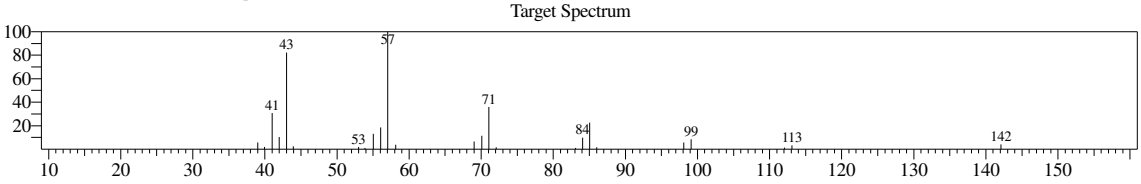


Hit#:5 Entry:2725 Library:NIST14.lib
SI:96 Formula:C8H10 CAS:108-38-3 MolWeight:106 RetIndex:907
CompName:Benzene, 1,3-dimethyl- $$ m-Xylene $$ m-Dimethylbenzene $$ m-Xylol $$ 1,3-Dimethylbenzene $$ 1,3-Xylene $$ 2,4-Xylene $$ m-Methyltol

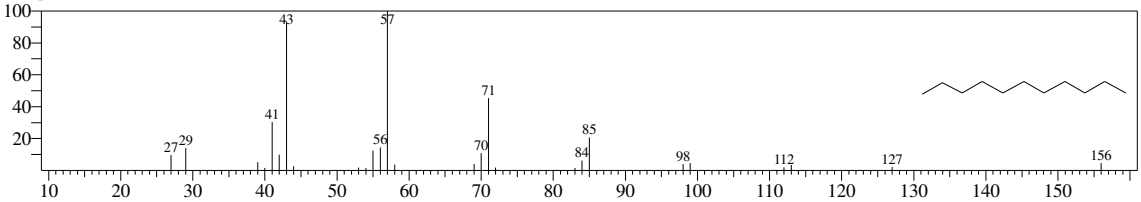


<< Target >>
Line#:5 R.Time:9.330(Scan#:1767) MassPeaks:25
RawMode:Averaged 9.325-9.335(1766-1768) BasePeak:57.05(3872)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

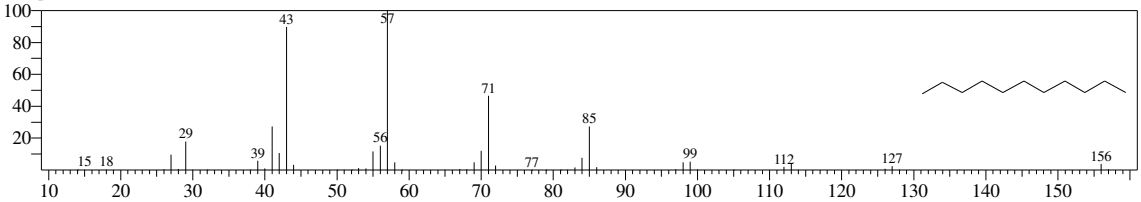
Target Spectrum



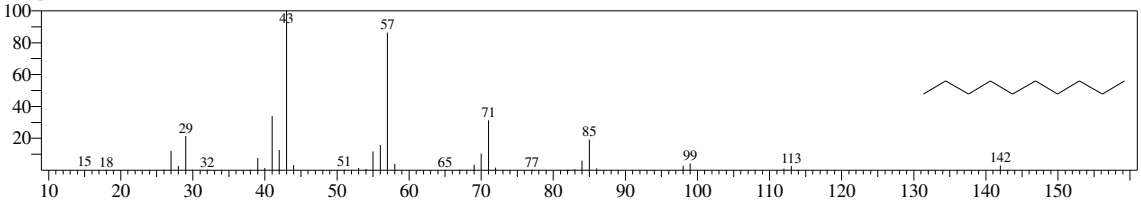
Hit#:1 Entry:10790 Library:NIST14s.lib
SI:96 Formula:C11H24 CAS:1120-21-4 MolWeight:156 RetIndex:1115
CompName:Undecane $$ n-Undecane $$ Hendecane $$ n-C11H24 $$ UN 2330 $$



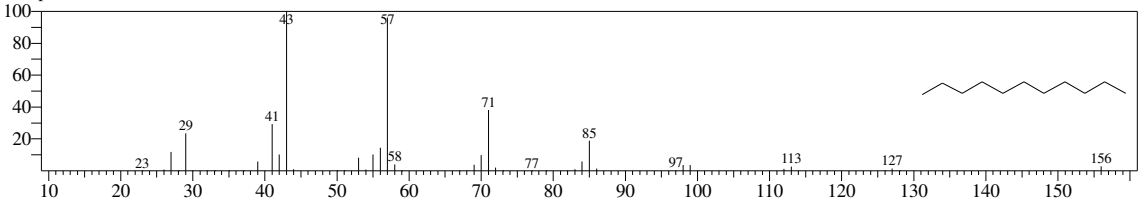
Hit#:2 Entry:19287 Library:NIST14.lib
SI:95 Formula:C11H24 CAS:1120-21-4 MolWeight:156 RetIndex:1115
CompName:Undecane $$ n-Undecane $$ Hendecane $$ n-C11H24 $$ UN 2330 $$



Hit#:3 Entry:7907 Library:NIST14s.lib
SI:95 Formula:C10H22 CAS:124-18-5 MolWeight:142 RetIndex:1015
CompName:Decane $$ n-Decane $$ n-C10H22 $$ UN 2247 $$



Hit#:4 Entry:10781 Library:NIST14s.lib
SI:95 Formula:C11H24 CAS:1120-21-4 MolWeight:156 RetIndex:1115
CompName:Undecane $$ n-Undecane $$ Hendecane $$ n-C11H24 $$ UN 2330 $$



Hit#:5 Entry:7920 Library:NIST14s.lib
SI:95 Formula:C10H22 CAS:15869-86-0 MolWeight:142 RetIndex:951
CompName:Octane, 4-ethyl- $$ 4-Ethyloctane $$