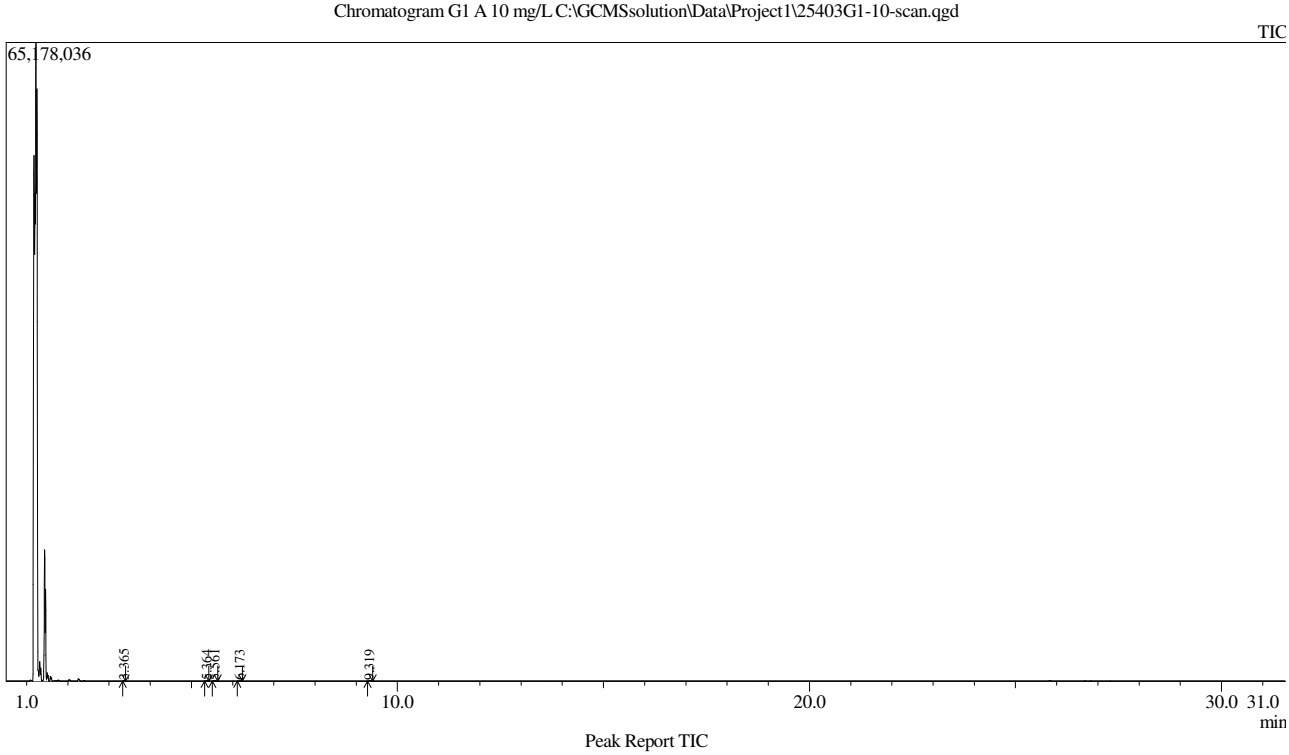
Chromatogram G1 A 10 mg/L C:\GCMSsolution\Data\Project1\25403G1-10-scan.qgd

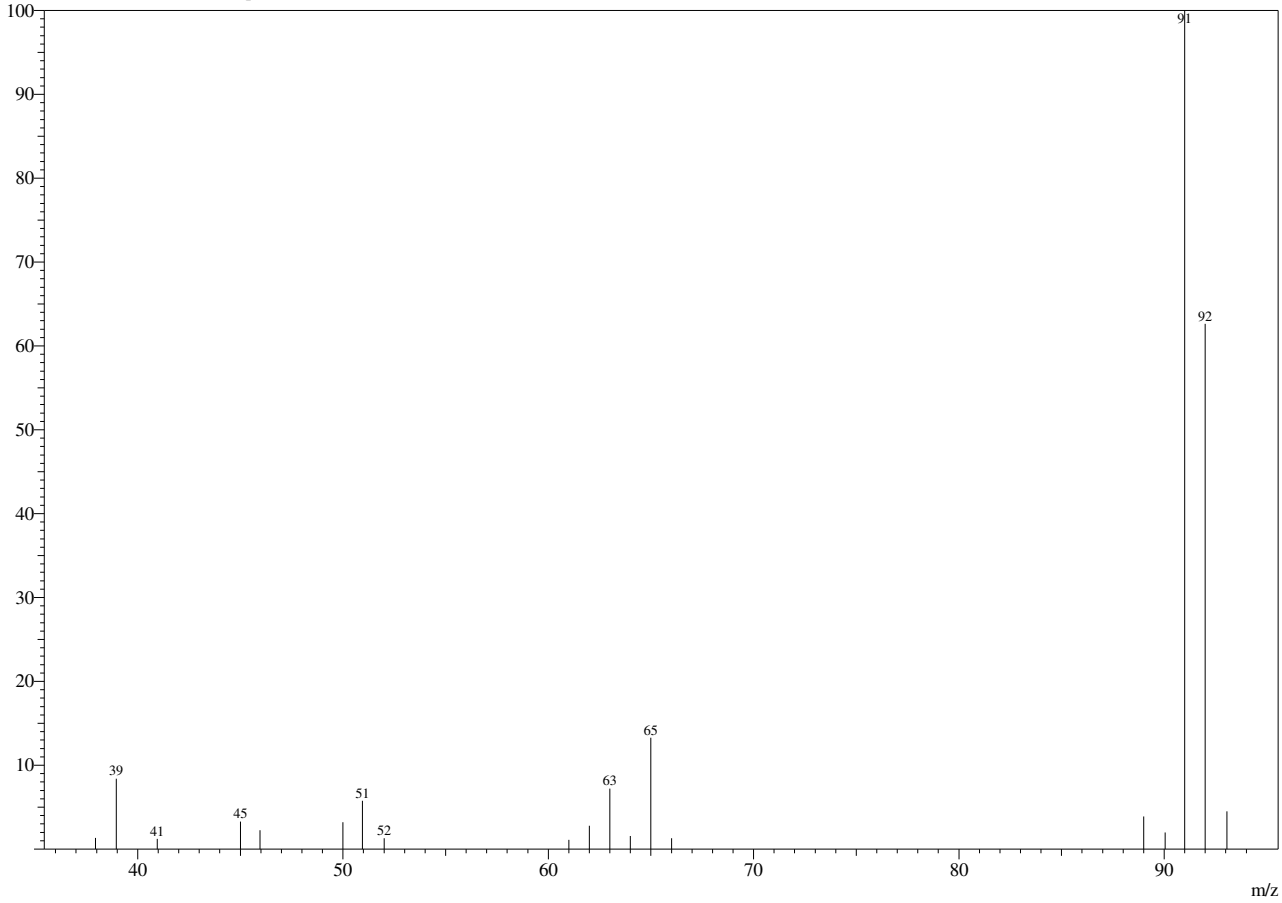


Peak Report TIC

Peak#	R.Time	I.Time	F.Time	Area	Area%	Height	A/H	Mark	Name
1	3.365	3.335	3.405	113641	18.57	54765	2.08	MI	Toluene
2	5.364	5.320	5.420	107393	17.55	50788	2.11	MI	Ethylbenzene
3	5.561	5.505	5.635	173773	28.40	78065	2.23	MI	p-Xylene
4	6.173	6.110	6.240	112448	18.38	51321	2.19	MI	p-Xylene
5	9.319	9.270	9.395	104665	17.10	42769	2.45	MI	Undecane
				611920	100.00	277708			

Spectrum

Peak#:1 R.Time:3.365(Scan#:574)
MassPeaks:19
RawMode:Averaged 3.360-3.370(573-575)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

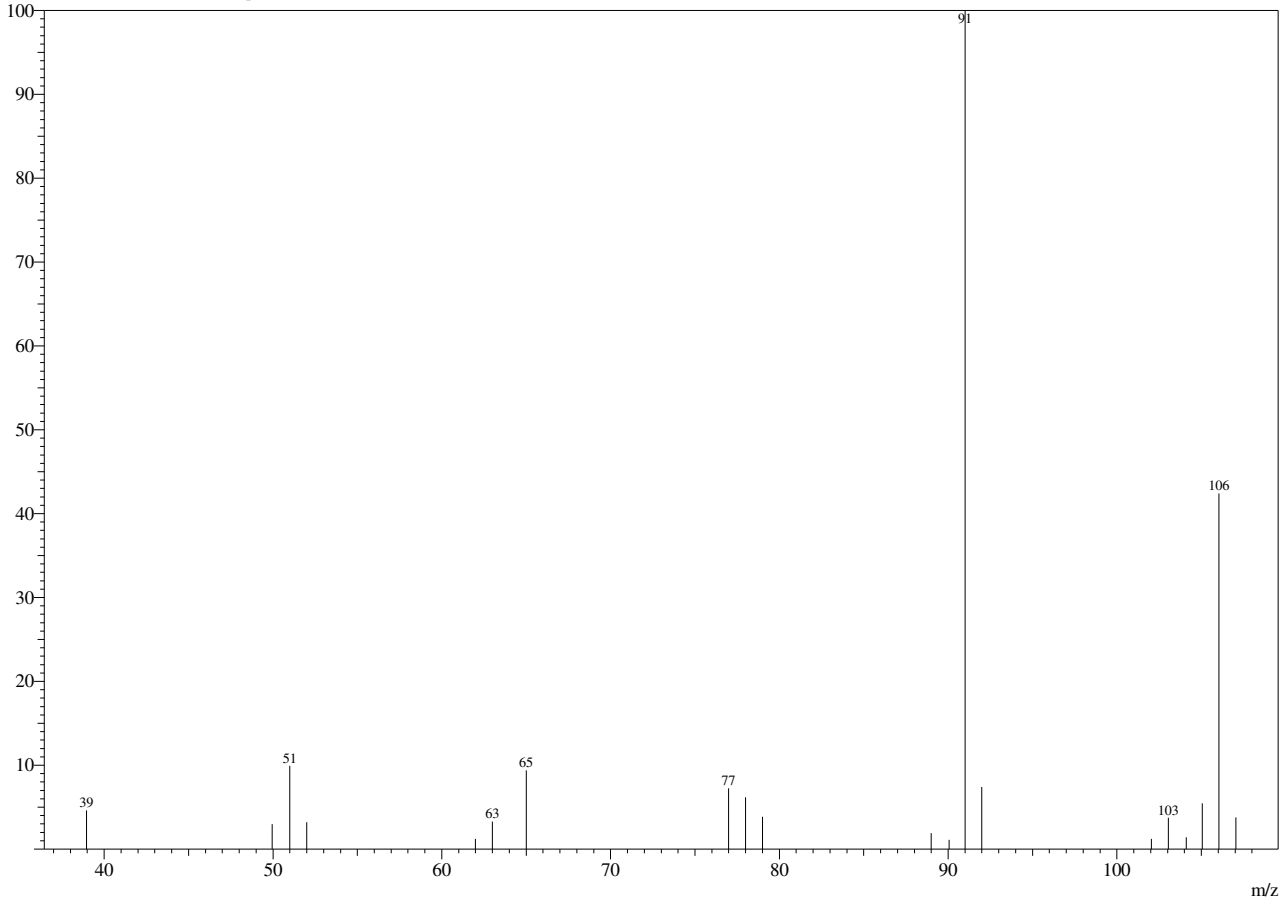


Mass Table
Peak#:1 R.Time:3.365(Scan#:574)
MassPeaks:19
Group 1 - Event 1 Scan

#	m/z	Rel. Int.	#	m/z	Rel. Int.	#	m/z	Rel. Int.	#	m/z	Rel. Int.
1	37.95	1.34	6	50.00	3.22	11	63.00	7.21	16	90.05	2.00
2	38.95	8.39	7	50.95	5.76	12	64.00	1.56	17	91.00	100.00
3	40.95	1.21	8	52.00	1.30	13	65.00	13.28	18	92.00	62.65
4	45.00	3.28	9	61.00	1.12	14	66.00	1.28	19	93.05	4.50
5	45.95	2.24	10	62.00	2.79	15	89.00	3.88			

Spectrum

Peak#:2 R.Time:5.364(Scan#:974)
MassPeaks:20
RawMode:Averaged 5.360-5.370(973-975)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

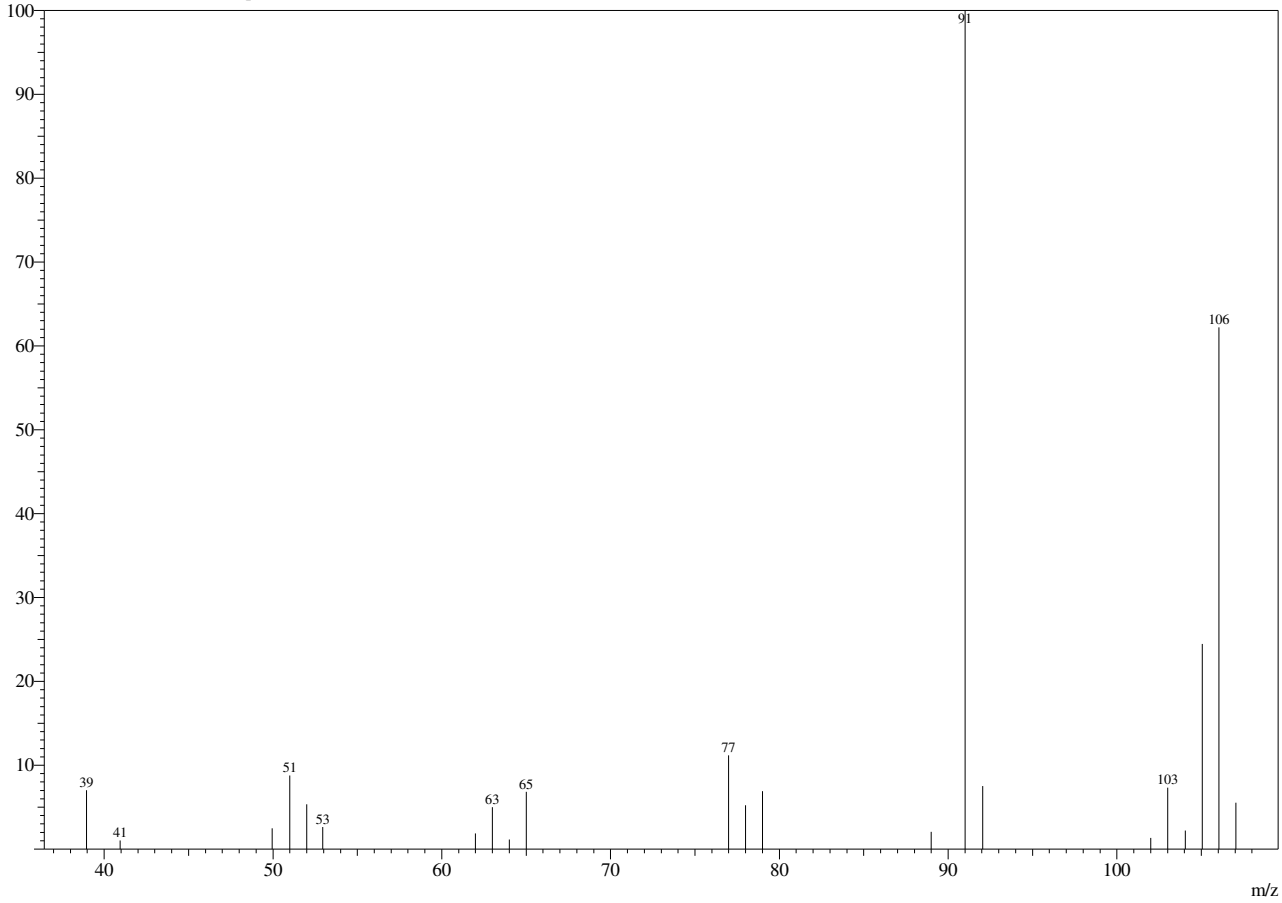


Mass Table
Peak#:2 R.Time:5.365(Scan#:974)
MassPeaks:20
Group 1 - Event 1 Scan

#	m/z	Rel. Int.	#	m/z	Rel. Int.	#	m/z	Rel. Int.	#	m/z	Rel. Int.
1	38.95	4.63	6	63.00	3.26	11	89.00	1.90	16	103.05	3.72
2	49.95	2.99	7	65.00	9.38	12	90.05	1.13	17	104.10	1.42
3	51.00	9.91	8	77.00	7.25	13	91.00	100.00	18	105.05	5.47
4	52.00	3.21	9	78.00	6.18	14	92.00	7.40	19	106.05	42.42
5	62.00	1.23	10	79.00	3.84	15	102.05	1.24	20	107.05	3.77

Spectrum

Peak#:3 R.Time:5.561(Scan#:1013)
MassPeaks:22
RawMode:Averaged 5.555-5.565(1012-1014)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

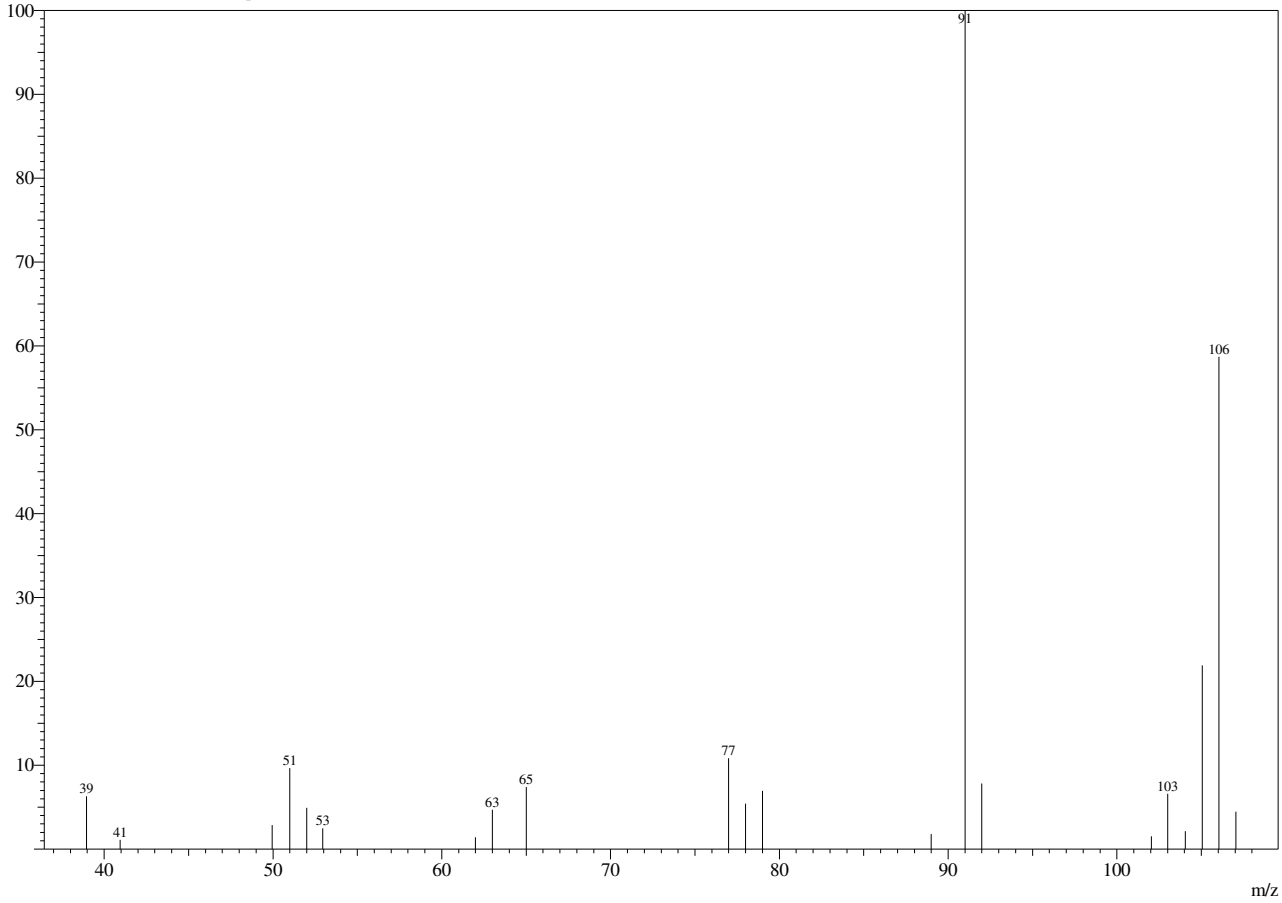


Mass Table
Peak#:3 R.Time:5.560(Scan#:1013)
MassPeaks:22
Group 1 - Event 1 Scan

#	m/z	Rel. Int.	#	m/z	Rel. Int.	#	m/z	Rel. Int.	#	m/z	Rel. Int.
1	38.95	7.04	7	62.00	1.85	13	79.00	6.93	19	104.05	2.23
2	40.95	1.02	8	63.00	4.99	14	89.00	2.06	20	105.05	24.47
3	49.95	2.47	9	64.00	1.14	15	91.00	100.00	21	106.05	62.21
4	51.00	8.79	10	65.00	6.82	16	92.05	7.54	22	107.05	5.54
5	52.00	5.35	11	77.00	11.20	17	102.00	1.35			
6	52.95	2.62	12	78.00	5.24	18	103.00	7.33			

Spectrum

Peak#:4 R.Time:6.173(Scan#:1136)
MassPeaks:21
RawMode:Averaged 6.170-6.180(1135-1137)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

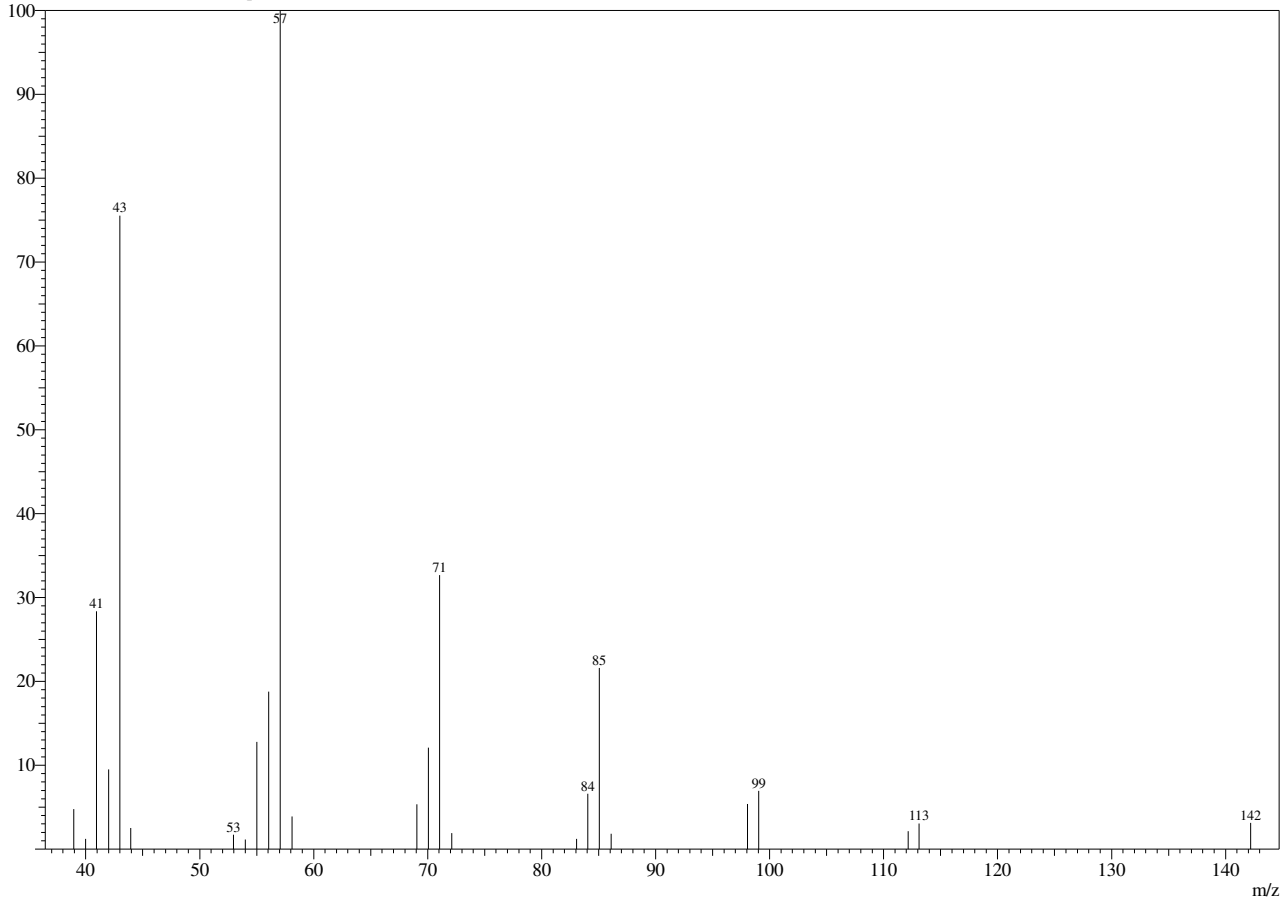


Mass Table
Peak#:4 R.Time:6.175(Scan#:1136)
MassPeaks:21
Group 1 - Event 1 Scan

#	m/z	Rel. Int.	#	m/z	Rel. Int.	#	m/z	Rel. Int.	#	m/z	Rel. Int.
1	38.95	6.30	7	62.00	1.41	13	89.00	1.80	19	105.05	21.90
2	40.95	1.09	8	63.00	4.68	14	91.00	100.00	20	106.05	58.70
3	49.95	2.86	9	65.00	7.41	15	92.00	7.82	21	107.05	4.47
4	51.00	9.66	10	77.00	10.83	16	102.05	1.52			
5	52.00	4.91	11	78.00	5.43	17	103.00	6.61			
6	52.95	2.46	12	79.00	6.96	18	104.05	2.12			

Spectrum

Peak#:5 R.Time:9.319(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	4.78	8	54.00	1.15	15	71.05	32.67	22	99.05	6.95
2	40.00	1.22	9	55.00	12.77	16	72.10	1.90	23	112.15	2.14
3	40.95	28.35	10	56.05	18.79	17	83.05	1.21	24	113.10	3.04
4	42.00	9.51	11	57.05	100.00	18	84.05	6.60	25	142.20	3.13
5	43.00	75.54	12	58.10	3.88	19	85.05	21.62			
6	43.95	2.52	13	69.05	5.36	20	86.10	1.83			
7	52.95	1.71	14	70.05	12.08	21	98.05	5.40			

Library

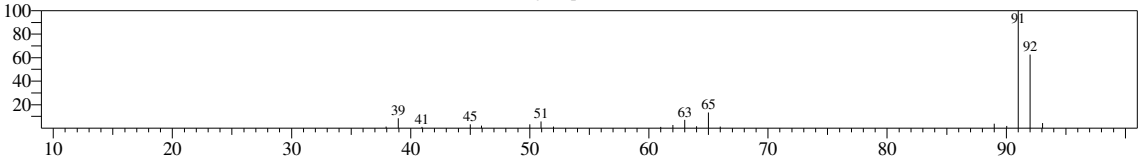
<< Target >>

Line#:1 R.Time:3.365(Scan#:574) MassPeaks:19

RawMode:Averaged 3.360-3.370(573-575) BasePeak:91.00(22313)

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

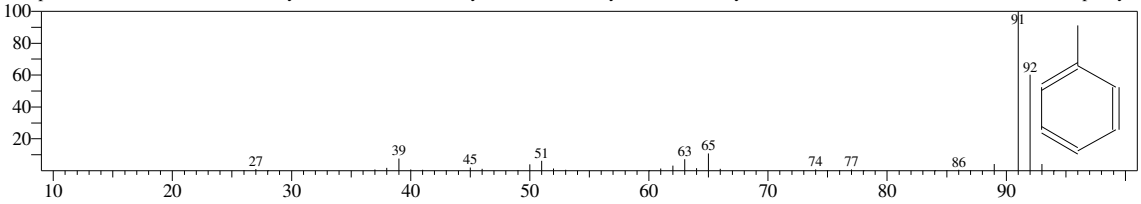
Target Spectrum



Hit#:1 Entry:1275 Library:NIST14s.lib

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

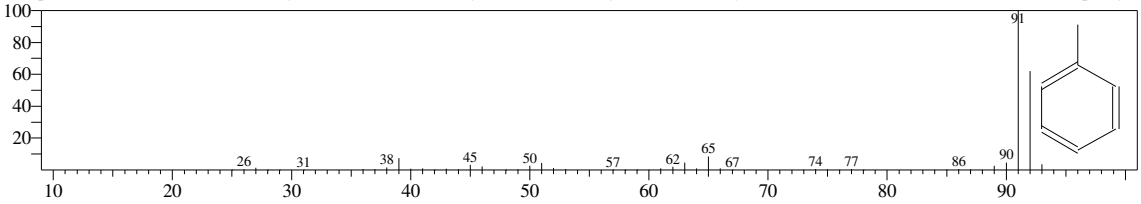
CompName:Toluene $$ Benzene, methyl $$ Methacide $$ Methylbenzene $$ Methylbenzol $$ Phenylmethane $$ Antisal 1a $$ Toluol $$ Methane, phenyl-



Hit#:2 Entry:1273 Library:NIST14s.lib

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

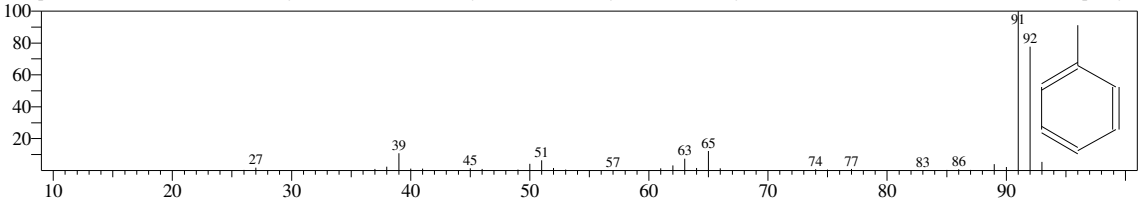
CompName:Toluene $$ Benzene, methyl $$ Methacide $$ Methylbenzene $$ Methylbenzol $$ Phenylmethane $$ Antisal 1a $$ Toluol $$ Methane, phenyl-



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

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

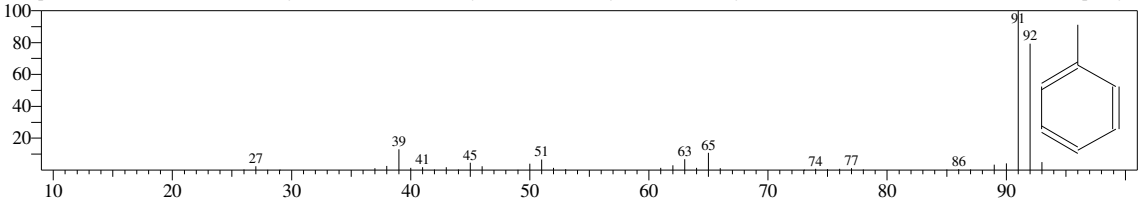
CompName:Toluene $$ Benzene, methyl $$ Methacide $$ Methylbenzene $$ Methylbenzol $$ Phenylmethane $$ Antisal 1a $$ Toluol $$ Methane, phenyl-



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

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

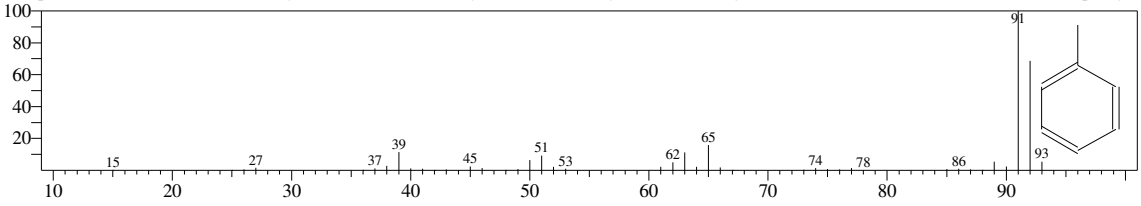
CompName:Toluene $$ Benzene, methyl $$ Methacide $$ Methylbenzene $$ Methylbenzol $$ Phenylmethane $$ Antisal 1a $$ Toluol $$ Methane, phenyl-



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

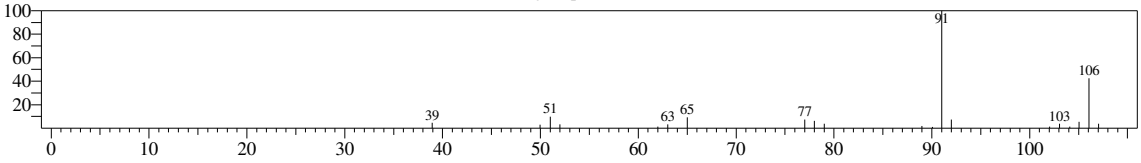
SI:94 Formula:C7H8 CAS:108-88-3 MolWeight:92 RetIndex:794

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

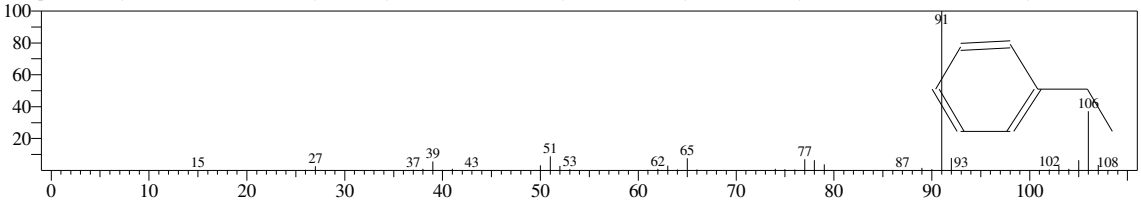


<< Target >>
Line#:2 R.Time:5.365(Scan#:974) MassPeaks:20
RawMode:Averaged 5.360-5.370(973-975) BasePeak:91.00(21327)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

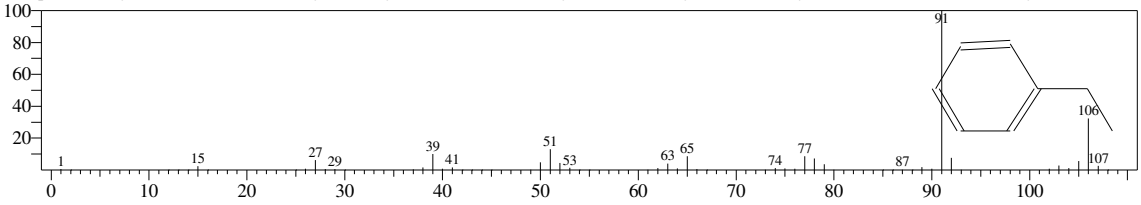
Target Spectrum



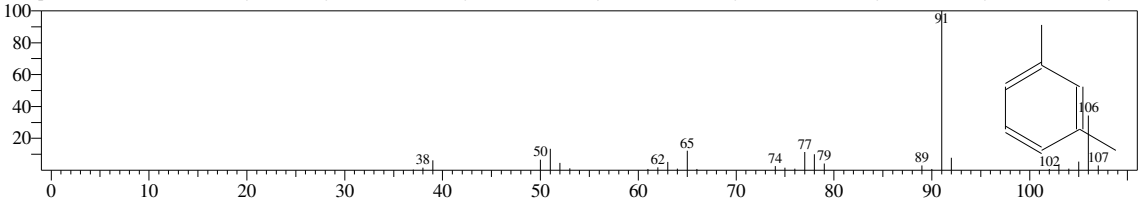
Hit#:1 Entry:2463 Library:NIST14s.lib
SI:96 Formula:C8H10 CAS:100-41-4 MolWeight:106 RetIndex:893
CompName:Ethylbenzene $$ Benzene, ethyl- $$ Ethylbenzol $$ EB $$ Phenylethane $$ Aethylbenzol $$ Ethylbenzeen $$ Etilbenzene $$ Etylobenzen $$ N



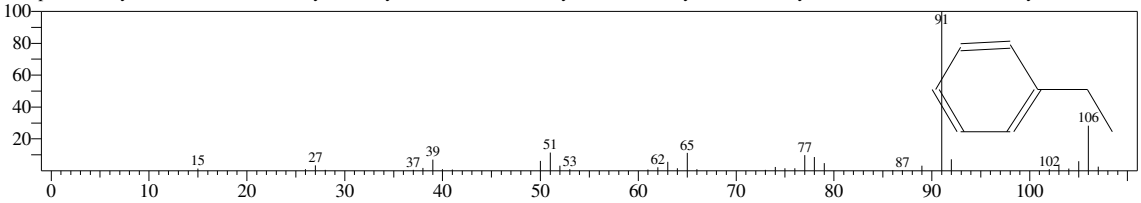
Hit#:2 Entry:2461 Library:NIST14s.lib
SI:94 Formula:C8H10 CAS:100-41-4 MolWeight:106 RetIndex:893
CompName:Ethylbenzene $$ Benzene, ethyl- $$ Ethylbenzol $$ EB $$ Phenylethane $$ Aethylbenzol $$ Ethylbenzeen $$ Etilbenzene $$ Etylobenzen $$ N



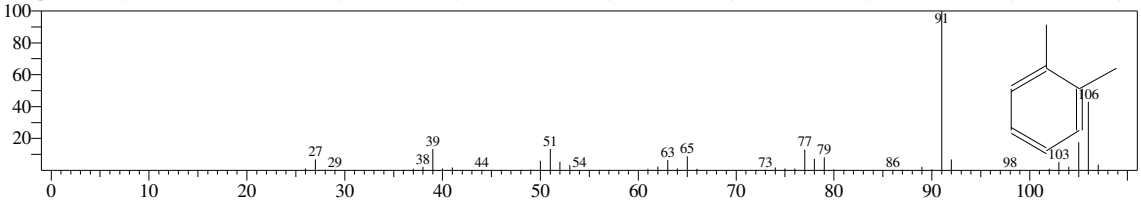
Hit#:3 Entry:2464 Library:NIST14s.lib
SI:94 Formula:C8H10 CAS:108-38-3 MolWeight:106 RetIndex:907
CompName:Benzene, 1,3-dimethyl- $$ m-Xylene $$ m-Dimethylbenzene $$ m-Xylol $$ 1,3-Dimethylbenzene $$ 1,3-Xylene $$ 2,4-Xylene $$ m-Methyltol



Hit#:4 Entry: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

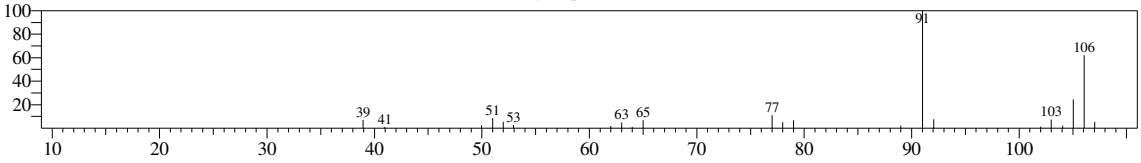


Hit#:5 Entry:2477 Library:NIST14s.lib
SI:92 Formula:C8H10 CAS:95-47-6 MolWeight:106 RetIndex:907
CompName:o-Xylene $$ Benzene, 1,2-dimethyl- $$ o-Dimethylbenzene $$ o-Methyltoluene $$ o-Xylol $$ 1,2-Dimethylbenzene $$ 1,2-Xylene $$ 3,4-Xyle

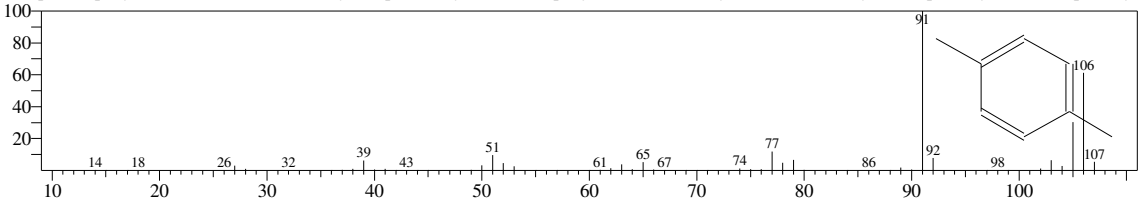


<< Target >>
Line#:3 R.Time:5.560(Scan#:1013) MassPeaks:22
RawMode:Averaged 5.555-5.565(1012-1014) BasePeak:91.00(25927)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

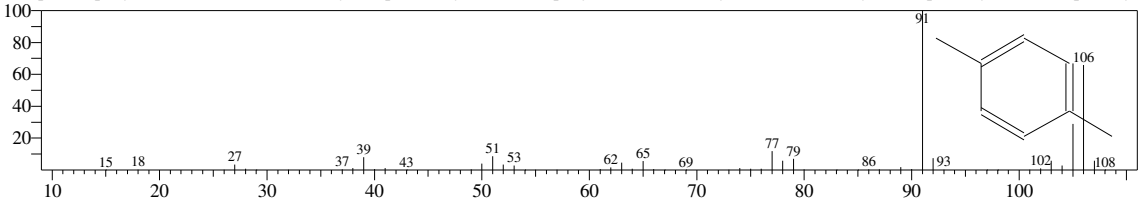
Target Spectrum



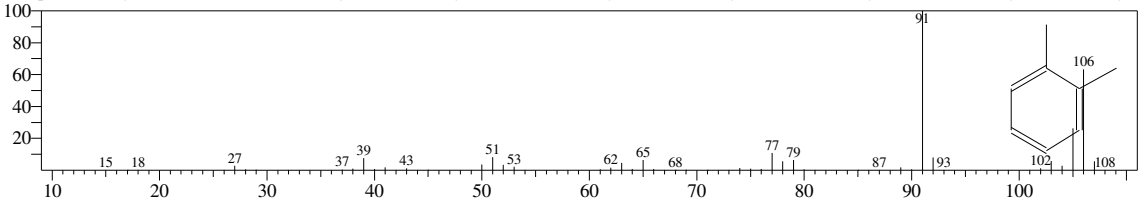
Hit#:1 Entry:2470 Library:NIST14s.lib
SI:97 Formula:C8H10 CAS:106-42-3 MolWeight:106 RetIndex:907
CompName:p-Xylene $$ Benzene, 1,4-dimethyl- $$ p-Dimethylbenzene $$ p-Xylol $$ 1,4-Dimethylbenzene $$ 1,4-Xylene $$ p-Methyltoluene $$ para-Xyl



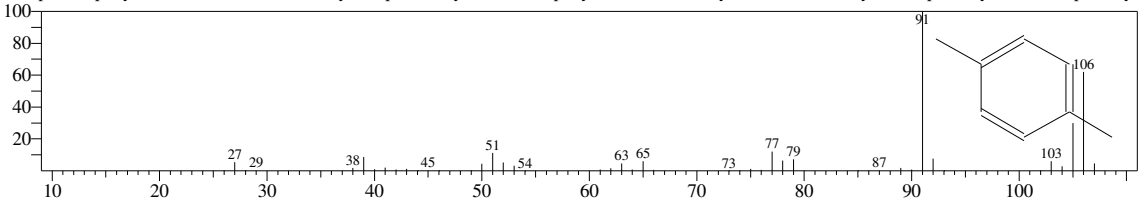
Hit#:2 Entry:2726 Library:NIST14.lib
SI:97 Formula:C8H10 CAS:106-42-3 MolWeight:106 RetIndex:907
CompName:p-Xylene $$ Benzene, 1,4-dimethyl- $$ p-Dimethylbenzene $$ p-Xylol $$ 1,4-Dimethylbenzene $$ 1,4-Xylene $$ p-Methyltoluene $$ para-Xyl



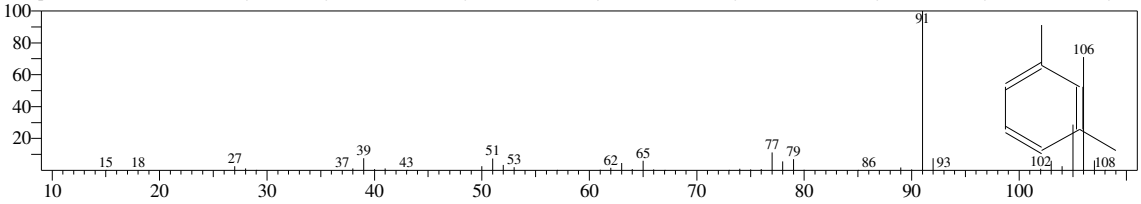
Hit#:3 Entry:2478 Library:NIST14s.lib
SI:97 Formula:C8H10 CAS:95-47-6 MolWeight:106 RetIndex:907
CompName:o-Xylene $$ Benzene, 1,2-dimethyl- $$ o-Dimethylbenzene $$ o-Methyltoluene $$ o-Xylol $$ 1,2-Dimethylbenzene $$ 1,2-Xylene $$ 3,4-Xyle



Hit#:4 Entry:2471 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

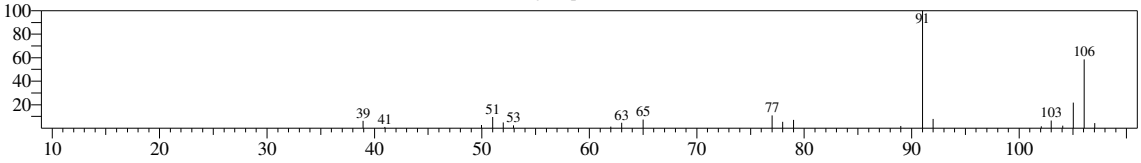


Hit#:5 Entry:2467 Library:NIST14s.lib
SI:97 Formula:C8H10 CAS:108-38-3 MolWeight:106 RetIndex:907
CompName:Benzene, 1,3-dimethyl- $$ m-Xylene $$ m-Dimethylbenzene $$ m-Xylol $$ 1,3-Dimethylbenzene $$ 1,3-Xylene $$ 2,4-Xylene $$ m-Methyltol

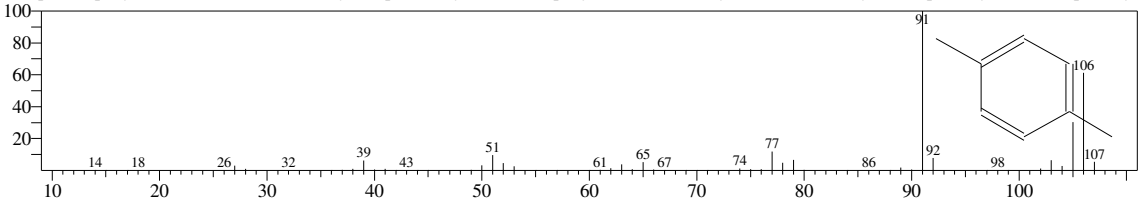


<< Target >>
Line#:4 R.Time:6.175(Scan#:1136) MassPeaks:21
RawMode:Averaged 6.170-6.180(1135-1137) BasePeak:91.00(17461)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

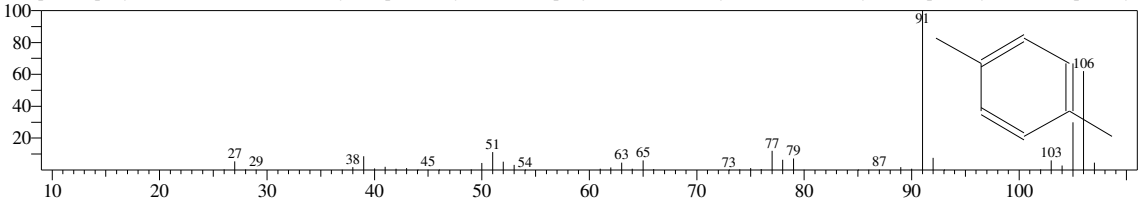
Target Spectrum



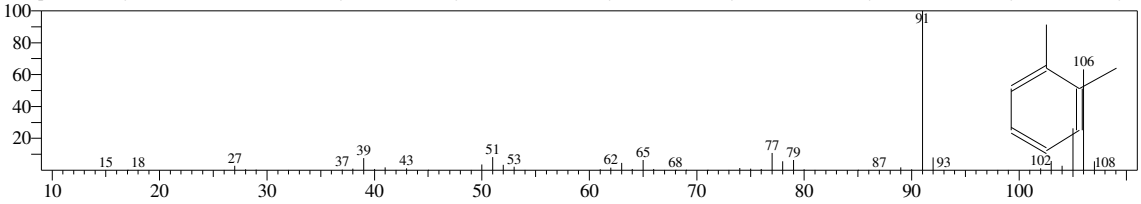
Hit#:1 Entry:2470 Library:NIST14s.lib
SI:96 Formula:C8H10 CAS:106-42-3 MolWeight:106 RetIndex:907
CompName:p-Xylene $$ Benzene, 1,4-dimethyl- $$ p-Dimethylbenzene $$ p-Xylol $$ 1,4-Dimethylbenzene $$ 1,4-Xylene $$ p-Methyltoluene $$ para-Xyl



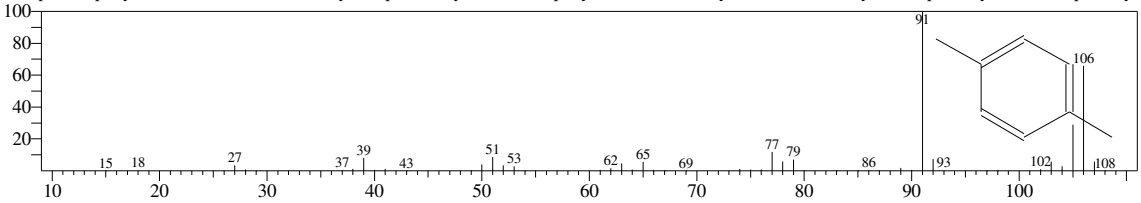
Hit#:2 Entry:2471 Library:NIST14s.lib
SI:96 Formula:C8H10 CAS:106-42-3 MolWeight:106 RetIndex:907
CompName:p-Xylene $$ Benzene, 1,4-dimethyl- $$ p-Dimethylbenzene $$ p-Xylol $$ 1,4-Dimethylbenzene $$ 1,4-Xylene $$ p-Methyltoluene $$ para-Xyl



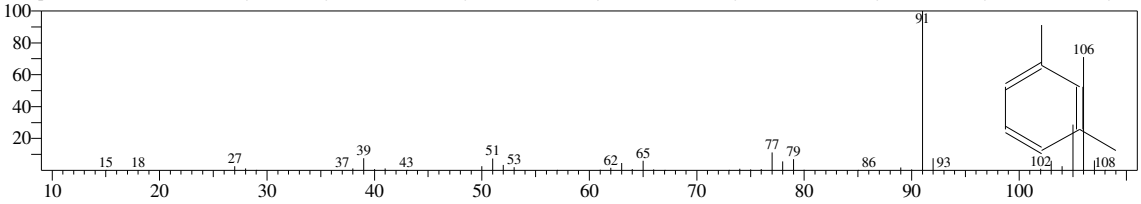
Hit#:3 Entry:2478 Library:NIST14s.lib
SI:96 Formula:C8H10 CAS:95-47-6 MolWeight:106 RetIndex:907
CompName:o-Xylene $$ Benzene, 1,2-dimethyl- $$ o-Dimethylbenzene $$ o-Methyltoluene $$ o-Xylol $$ 1,2-Dimethylbenzene $$ 1,2-Xylene $$ 3,4-Xyle



Hit#: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

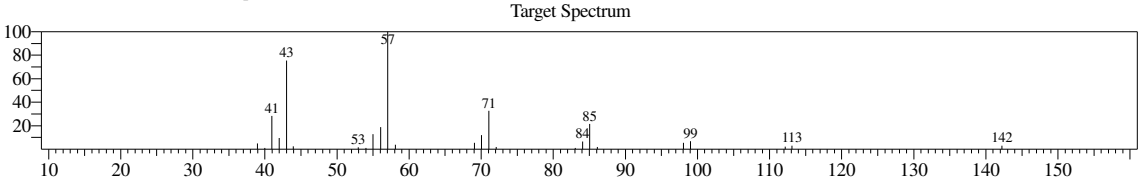


Hit#:5 Entry:2467 Library:NIST14s.lib
SI:96 Formula:C8H10 CAS:108-38-3 MolWeight:106 RetIndex:907
CompName:Benzene, 1,3-dimethyl- $$ m-Xylene $$ m-Dimethylbenzene $$ m-Xylol $$ 1,3-Dimethylbenzene $$ 1,3-Xylene $$ 2,4-Xylene $$ m-Methyltol

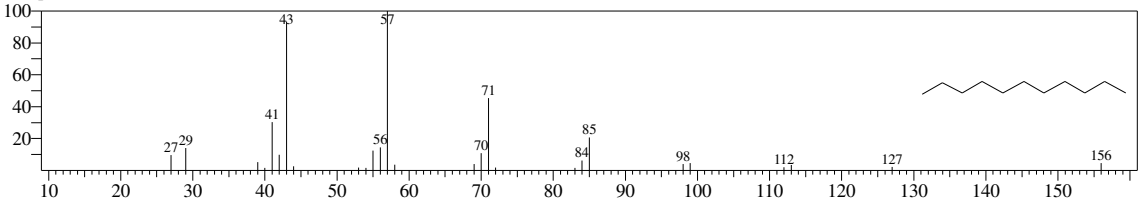


<< Target >>
Line#:5 R.Time:9.320(Scan#:1765) MassPeaks:25
RawMode:Averaged 9.315-9.325(1764-1766) BasePeak:57.05(11083)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

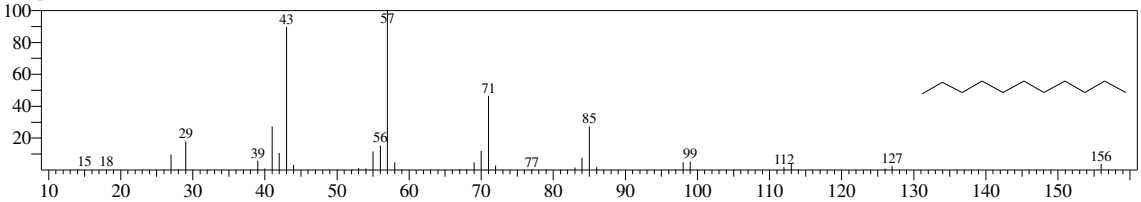
Target Spectrum



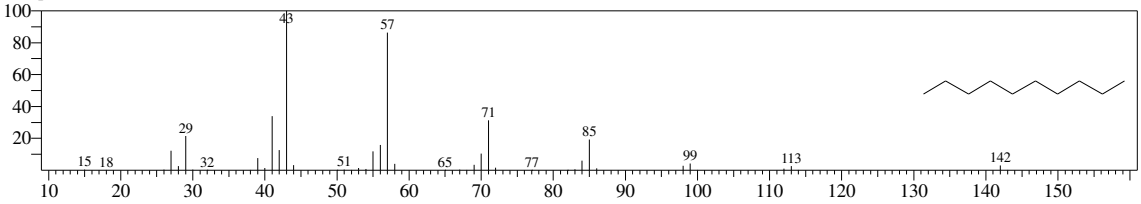
Hit#:1 Entry:10790 Library:NIST14s.lib
SI:95 Formula:C11H24 CAS:1120-21-4 MolWeight:156 RetIndex:1115
CompName:Undecane $$ n-Undecane $$ Hendecane $$ n-C11H24 $$ UN 2330 $$



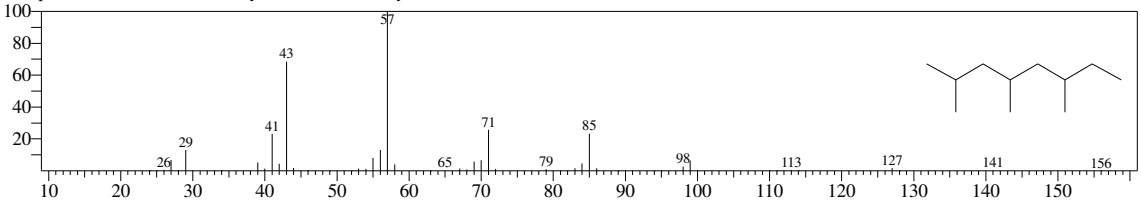
Hit#:2 Entry:19287 Library:NIST14.lib
SI:95 Formula:C11H24 CAS:1120-21-4 MolWeight:156 RetIndex:1115
CompName:Undecane $$ n-Undecane $$ Hendecane $$ n-C11H24 $$ UN 2330 $$



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:19286 Library:NIST14.lib
SI:95 Formula:C11H24 CAS:62016-37-9 MolWeight:156 RetIndex:922
CompName:Octane, 2,4,6-trimethyl- $$ 2,4,6-Trimethyloctane # $$



Hit#:5 Entry:10781 Library:NIST14s.lib
SI:94 Formula:C11H24 CAS:1120-21-4 MolWeight:156 RetIndex:1115
CompName:Undecane $$ n-Undecane $$ Hendecane $$ n-C11H24 $$ UN 2330 $$