

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021721\
 Data File : VW018189.D
 Acq On : 17 Feb 2021 16:12
 Operator : SY/VA
 Sample : M1414-07RE
 Misc : 5.74G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGX3RE

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M

Title : VOC Analysis

Signal : TIC: VW018189.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.160	38	42	47	rBV3	3077	5424	1.61%	0.246%
2	2.355	69	74	83	rVB	28390	48800	14.50%	2.214%
3	2.891	155	162	170	rBV	19708	43054	12.80%	1.953%
4	3.373	239	241	242	rBV	395	281	0.08%	0.013%
5	3.452	251	254	256	rBV2	165	227	0.07%	0.010%
6	3.477	256	258	259	rBV	196	133	0.04%	0.006%
7	3.544	268	269	270	rBV	286	124	0.04%	0.006%
8	3.623	281	282	288	rVB2	175	170	0.05%	0.008%
9	3.861	319	321	324	rVB2	166	116	0.03%	0.005%
10	3.934	327	333	335	rBV2	177	251	0.07%	0.011%
11	4.019	335	347	360	rBV	51385	136758	40.65%	6.203%
12	4.117	360	363	364	rBV2	812	898	0.27%	0.041%
13	4.257	383	386	388	rBV2	114	139	0.04%	0.006%
14	4.287	390	391	395	rVB2	115	136	0.04%	0.006%
15	4.391	399	408	416	rVB2	684	1765	0.52%	0.080%
16	4.574	434	438	440	rBV2	155	186	0.06%	0.008%
17	4.611	440	444	448	rVV2	126	241	0.07%	0.011%
18	4.769	468	470	471	rVB2	193	100	0.03%	0.005%
19	4.909	485	493	506	rVB3	4691	14493	4.31%	0.657%
20	5.190	538	539	542	rBV2	124	106	0.03%	0.005%
21	5.220	542	544	545	rVB	169	103	0.03%	0.005%
22	5.239	545	547	549	rBV2	142	143	0.04%	0.006%
23	5.257	549	550	553	rVV2	128	100	0.03%	0.005%
24	5.446	579	581	584	rVB2	168	144	0.04%	0.007%
25	5.708	620	624	626	rBV2	114	125	0.04%	0.006%
26	5.940	657	662	669	rVV4	925	2036	0.61%	0.092%
27	6.202	701	705	708	rBV2	158	207	0.06%	0.009%
28	6.226	708	709	710	rBV	233	102	0.03%	0.005%
29	6.281	716	718	720	rVB	198	113	0.03%	0.005%
30	6.372	731	733	735	rBV2	157	177	0.05%	0.008%
31	6.933	823	825	828	rBV2	96	143	0.04%	0.006%
32	7.086	842	850	864	rBV2	5467	18428	5.48%	0.836%
33	7.232	873	874	877	rBV2	170	120	0.04%	0.005%
34	7.500	914	918	919	rBV	152	171	0.05%	0.008%
35	7.543	921	925	927	rBV2	125	175	0.05%	0.008%
36	7.647	933	942	955	rVB	62105	151272	44.96%	6.862%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021721\
 Data File : VW018189.D
 Acq On : 17 Feb 2021 16:12
 Operator : SY/VA
 Sample : M1414-07RE
 Misc : 5.74G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGX3RE

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Title : VOC Analysis

37	7.817	968	970	972	rBV	118	143	0.04%	0.006%
38	7.945	989	991	994	rBV3	130	103	0.03%	0.005%
39	8.275	1034	1045	1064	rBV2	113816	336439	100.00%	15.261%
40	8.403	1064	1066	1067	rVV	209	140	0.04%	0.006%
41	8.439	1070	1072	1075	rVB2	166	191	0.06%	0.009%
42	8.464	1075	1076	1079	rBV	156	100	0.03%	0.005%
43	8.628	1102	1103	1106	rBV2	116	106	0.03%	0.005%
44	8.762	1121	1125	1128	rBV2	121	211	0.06%	0.010%
45	8.842	1130	1138	1151	rVV	116781	228183	67.82%	10.350%
46	9.024	1167	1168	1171	rVB	235	110	0.03%	0.005%
47	9.049	1171	1172	1174	rBV	150	127	0.04%	0.006%
48	9.274	1200	1209	1218	rVV	76107	153060	45.49%	6.943%
49	9.341	1218	1220	1223	rVV2	443	408	0.12%	0.019%
50	9.689	1276	1277	1279	rVB2	192	130	0.04%	0.006%
51	9.713	1279	1281	1283	rBV	112	105	0.03%	0.005%
52	9.835	1299	1301	1306	rVB	175	197	0.06%	0.009%
53	10.036	1326	1334	1346	rVV	35797	64264	19.10%	2.915%
54	10.140	1349	1351	1354	rBV2	146	159	0.05%	0.007%
55	10.171	1354	1356	1359	rBV	150	153	0.05%	0.007%
56	10.238	1366	1367	1371	rBV	142	124	0.04%	0.006%
57	10.323	1373	1381	1390	rBV	163760	284035	84.42%	12.884%
58	10.427	1395	1398	1401	rVB2	871	1047	0.31%	0.047%
59	10.469	1401	1405	1407	rBV3	151	226	0.07%	0.010%
60	10.579	1417	1423	1432	rVB	21010	36001	10.70%	1.633%
61	10.707	1438	1444	1450	rBV2	1639	2864	0.85%	0.130%
62	10.774	1453	1455	1460	rVB2	172	174	0.05%	0.008%
63	10.884	1468	1473	1474	rBV2	222	246	0.07%	0.011%
64	10.927	1474	1480	1488	rBV	23066	39691	11.80%	1.800%
65	11.024	1493	1496	1501	rVV3	1289	1784	0.53%	0.081%
66	11.073	1502	1504	1506	rVB2	307	256	0.08%	0.012%
67	11.207	1523	1526	1527	rBV2	104	122	0.04%	0.006%
68	11.506	1573	1575	1578	rVB	126	111	0.03%	0.005%
69	11.634	1588	1596	1604	rBV	128921	225095	66.91%	10.210%
70	11.707	1606	1608	1611	rVB2	257	189	0.06%	0.009%
71	11.951	1646	1648	1650	rBV	165	138	0.04%	0.006%
72	12.018	1655	1659	1660	rBV2	172	198	0.06%	0.009%
73	12.182	1683	1686	1691	rVB4	864	1309	0.39%	0.059%
74	12.237	1693	1695	1698	rVB	179	140	0.04%	0.006%
75	12.268	1698	1700	1703	rBV	118	131	0.04%	0.006%
76	12.323	1707	1709	1712	rBV	106	105	0.03%	0.005%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021721\
 Data File : VW018189.D
 Acq On : 17 Feb 2021 16:12
 Operator : SY/VA
 Sample : M1414-07RE
 Misc : 5.74G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGX3RE

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M

Title : VOC Analysis

77	12.353	1712	1714	1717	rVB2	138	178	0.05%	0.008%
78	12.402	1721	1722	1724	rBV	139	104	0.03%	0.005%
79	12.463	1730	1732	1735	rBV2	180	168	0.05%	0.008%
80	12.548	1744	1746	1750	rVB	149	116	0.03%	0.005%
81	12.609	1750	1756	1761	rBV2	3266	5214	1.55%	0.237%
82	12.694	1763	1770	1777	rVV2	44172	74083	22.02%	3.360%
83	12.749	1777	1779	1781	rVV2	208	193	0.06%	0.009%
84	12.792	1784	1786	1790	rVB2	146	125	0.04%	0.006%
85	12.823	1790	1791	1796	rBV2	182	201	0.06%	0.009%
86	12.865	1796	1798	1801	rBV2	113	116	0.03%	0.005%
87	12.938	1807	1810	1812	rBV	223	245	0.07%	0.011%
88	13.121	1838	1840	1842	rVB	132	116	0.03%	0.005%
89	13.152	1843	1845	1848	rBV3	165	162	0.05%	0.007%
90	13.194	1850	1852	1853	rBV	358	240	0.07%	0.011%
91	13.280	1864	1866	1867	rBV	265	194	0.06%	0.009%
92	13.341	1874	1876	1878	rBV2	167	147	0.04%	0.007%
93	13.365	1878	1880	1883	rBV	165	217	0.06%	0.010%
94	13.402	1883	1886	1892	rVB4	631	982	0.29%	0.045%
95	13.469	1892	1897	1902	rBV2	12587	19516	5.80%	0.885%
96	13.560	1905	1912	1919	rBV	96725	157689	46.87%	7.153%
97	13.761	1942	1945	1948	rBV3	601	882	0.26%	0.040%
98	13.853	1954	1960	1967	rBV	83303	137936	41.00%	6.257%
99	14.481	2061	2063	2064	rBV2	384	318	0.09%	0.014%
100	14.609	2082	2084	2085	rBV	261	184	0.05%	0.008%

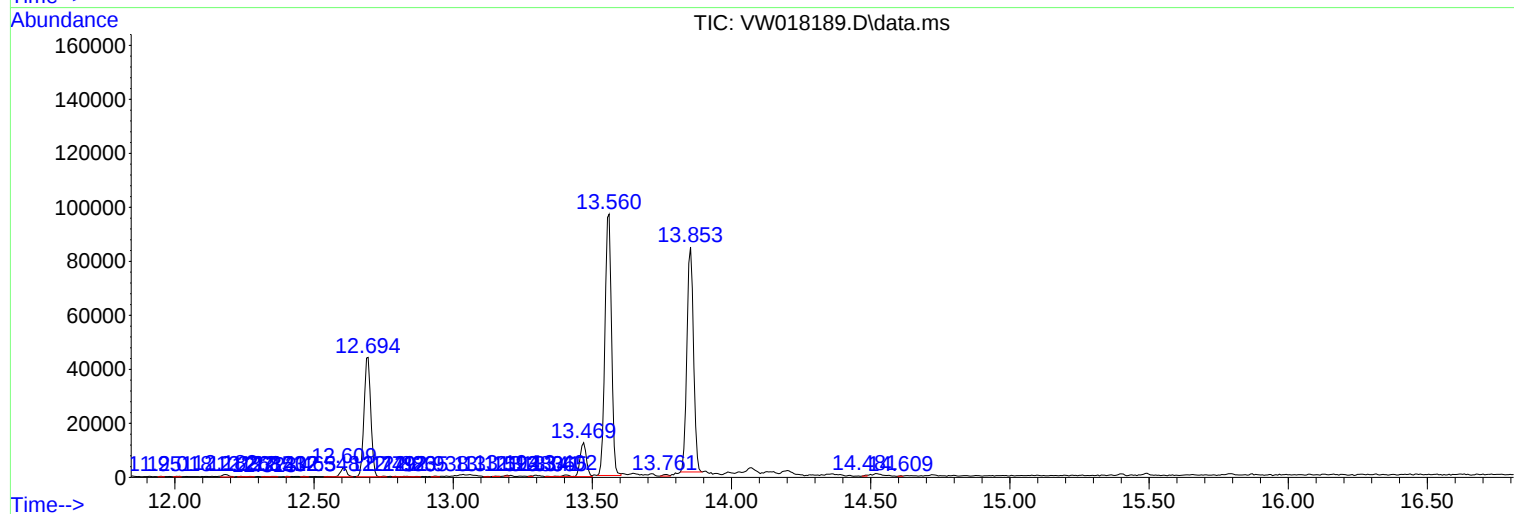
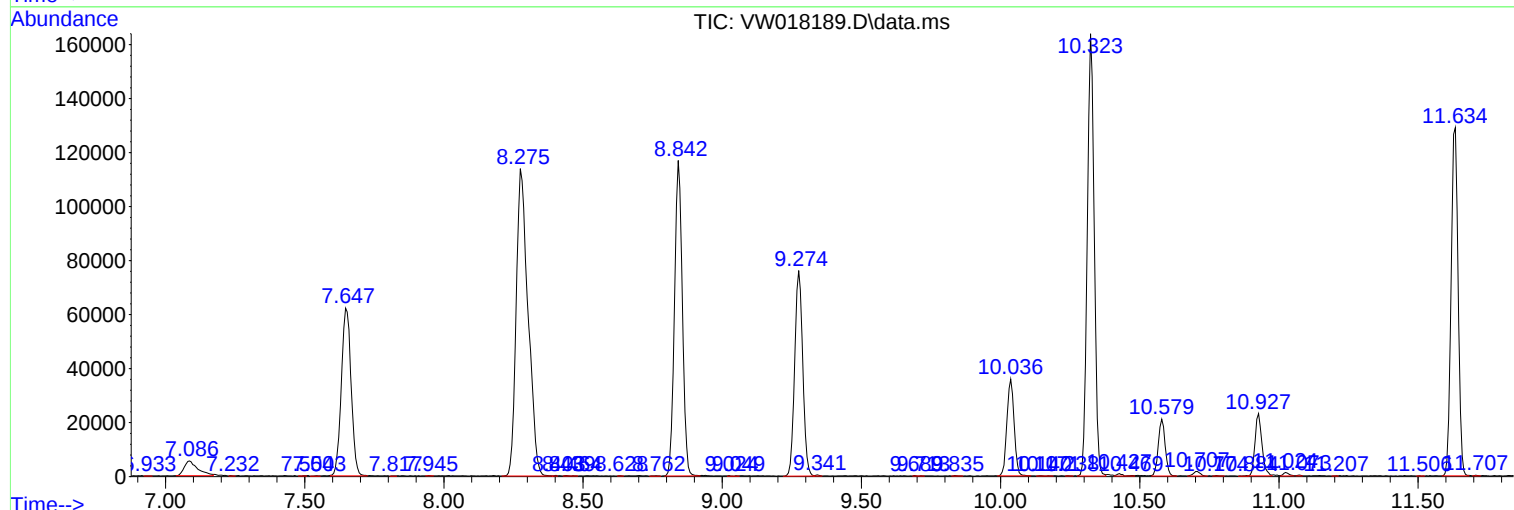
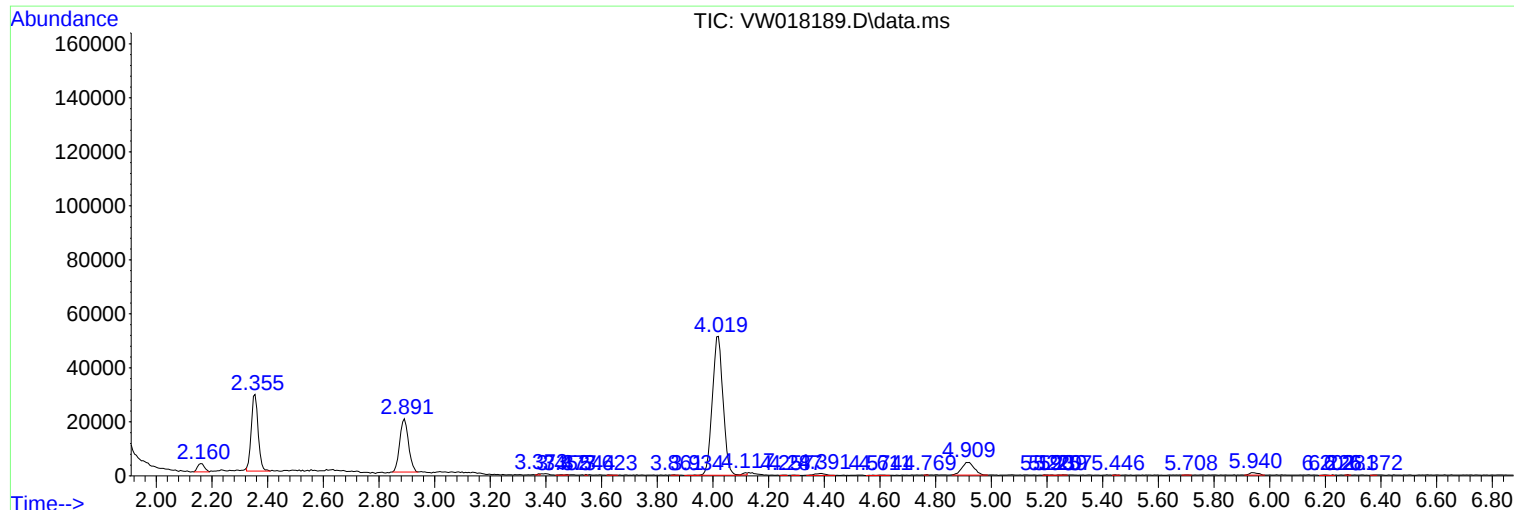
Sum of corrected areas: 2204602

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021721\
Data File : VW018189.D
Acq On : 17 Feb 2021 16:12
Operator : SY/VA
Sample : M1414-07RE
Misc : 5.74G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGX3RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021721\
Data File : VW018189.D
Acq On : 17 Feb 2021 16:12
Operator : SY/VA
Sample : M1414-07RE
Misc : 5.74G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGX3RE

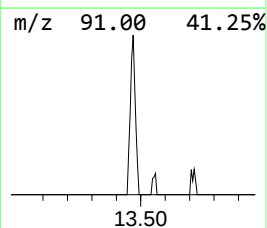
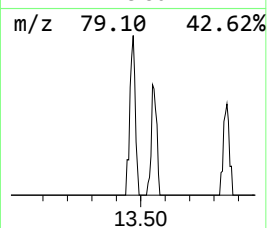
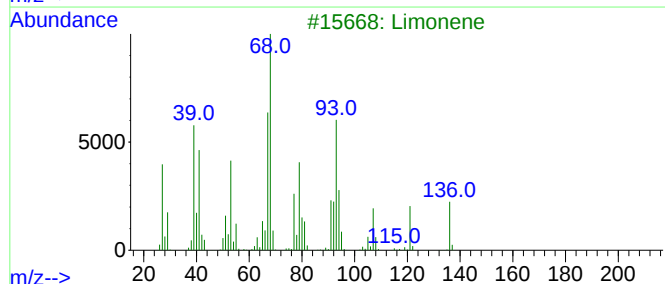
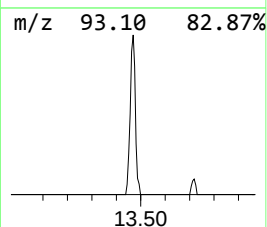
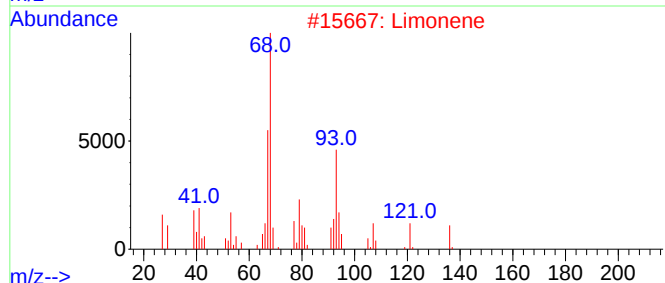
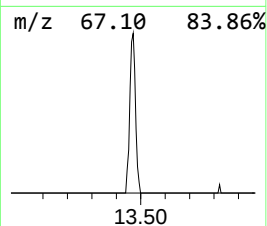
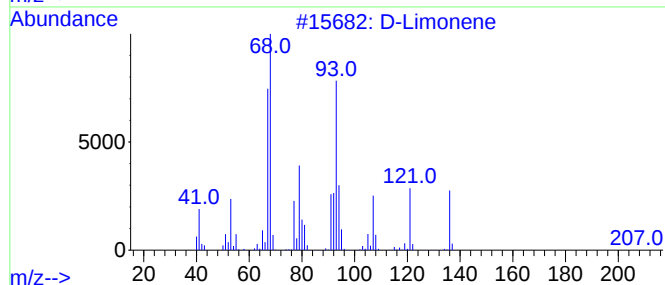
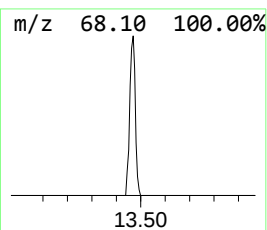
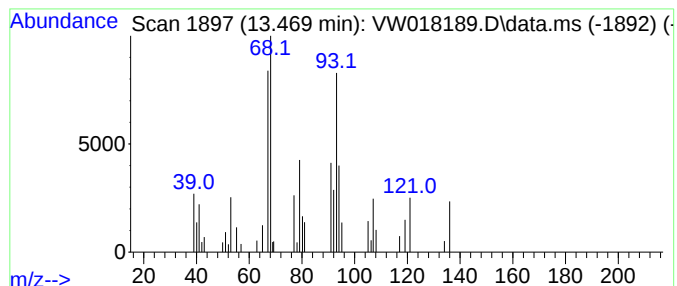
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 D-Limonene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.469	3.09 ug/L	19516	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			D-Limonene	136	C10H16	005989-27-5	98
2			Limonene	136	C10H16	000138-86-3	95
3			Limonene	136	C10H16	000138-86-3	94
4			D-Limonene	136	C10H16	005989-27-5	94
5			D-Limonene	136	C10H16	005989-27-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021721\
Data File : VW018189.D
Acq On : 17 Feb 2021 16:12
Operator : SY/VA
Sample : M1414-07RE
Misc : 5.74G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGX3RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
D-Limonene	13.469	3.1	ug/L	19516	3	13.560	157689	25.0