LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032619\
Data File : VU030438.D
Acq On : 26 Mar 2019 12:47
Operator : JC/SP
Sample : K2070-18 40X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09F1

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_U\METHOD\SOMULM032319WMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.183	25	29	39	rVB3	14754	15022	0.37%	0.083%
2	1.399	88	96	106	rBV	313801	315861	7.77%	1.752%
3	1.675	174	182	199	rVB	218879	289369	7.12%	1.605%
4	2.186	333	341	348	rBV4	6893	11372	0.28%	0.063%
5	2.270	356	367	380	rBV	452148	694261	17.07%	3.851%
6	2.524	442	446	450	rVB	2095	1758	0.04%	0.010%
7	2.556	450	456	459	rVB	2311	2189	0.05%	0.012%
8	2.601	467	470	473	rBV	1887	1357	0.03%	0.008%
9	2.682	489	495	497	rBV	1440	1476	0.04%	0.008%
10	2.791	525	529	532	rBV	2412	2141	0.05%	0.012%
11	2.881	551	557	559	rVV	1083	1078	0.03%	0.006%
12	2.900	559	563	567	rVB	1491	1440	0.04%	0.008%
13	2.952	573	579	583	rVB	1500	1803	0.04%	0.010%
14	2.981	584	588	593	rBV	1222	1242	0.03%	0.007%
15	3.067	612	615	618	rVB	1662	1093	0.03%	0.006%
16	3.087	618	621	628	rVB	1616	1548	0.04%	0.009%
17	3.177	646	649	652	rBV	1478	1187	0.03%	0.007%
18	3.376	708	711	717	rBV	1918	2104	0.05%	0.012%
19	3.444	725	732	737	rVV	1498	2026	0.05%	0.011%
20	3.505	747	751	754	rBV	1658	1315	0.03%	0.007%
21	3.733	818	822	828	rVB	1193	1180	0.03%	0.007%
22	3.907	872	876	879	rBV2	1813	1221	0.03%	0.007%
23	3.955	886	891	895	rVB	2375	2218	0.05%	0.012%
24	3.977	895	898	905	rVB2	1063	1234	0.03%	0.007%
25	4.009	905	908	911	rBV	1884	1396	0.03%	0.008%
26	4.090	930	933	937	rVB	1812	1297	0.03%	0.007%
27	4.173	946	959	983	rBV	200882	525194	12.91%	2.913%
28	4.508	1060	1063	1067	rBV	1492	1177	0.03%	0.007%
29	4.553	1072	1077	1078	rBV2	1431	1112	0.03%	0.006%
30	4.643	1089	1105	1129	rBV	306909	730393	17.96%	4.051%
31	4.855	1164	1171	1175	rBV	1504	1963	0.05%	0.011%
32	4.929	1191	1194	1197	rVB	1804	1127	0.03%	0.006%
33	4.948	1197	1200	1202	rBV	1591	1019	0.03%	0.006%
34	5.022	1220	1223	1225	rVV	1380	1077	0.03%	0.006%

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Sample : K2070-18 40X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09F1

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_U\METHOD\SOMULM032319WMA.M
Title : VOC Analysis

35	5.051	1229	1232	1238	rVV	1402	1400	0.03%	0.008%
36	5.186	1271	1274	1277	rVB	2169	1305	0.03%	0.007%
37	5.337	1297	1321	1354	rBV2	661964	1978402	48.65%	10.973%
38	5.524	1375	1379	1385	rVB	3294	3006	0.07%	0.017%
39	5.556	1386	1389	1393	rBV2	1424	1198	0.03%	0.007%
40	5.579	1393	1396	1400	rBV	1349	1181	0.03%	0.007%
41	5.652	1416	1419	1421	rBV	2015	1304	0.03%	0.007%
42	5.717	1436	1439	1443	rBV	3625	2913	0.07%	0.016%
43	5.823	1469	1472	1476	rVB	2261	1630	0.04%	0.009%
44	5.884	1476	1491	1522	rBV	501266	1027212	25.26%	5.697%
45	6.157	1574	1576	1580	rBV	1709	1555	0.04%	0.009%
46	6.328	1615	1629	1653	rBV	443186	906852	22.30%	5.030%
47	6.572	1702	1705	1706	rBV	1802	971	0.02%	0.005%
48	6.607	1713	1716	1718	rBV	1999	1251	0.03%	0.007%
49	6.678	1734	1738	1744	rBV	2003	2583	0.06%	0.014%
50	6.742	1754	1758	1760	rBV	1883	1276	0.03%	0.007%
51	6.755	1760	1762	1765	rVV	1626	1012	0.02%	0.006%
52	6.775	1765	1768	1774	rVV	1398	1729	0.04%	0.010%
53	6.807	1775	1778	1781	rVV2	1772	1185	0.03%	0.007%
54	6.849	1785	1791	1794	rBV	1537	1399	0.03%	0.008%
55	6.874	1795	1799	1802	rVB	1903	1512	0.04%	0.008%
56	6.958	1822	1825	1828	rBV	1674	998	0.02%	0.006%
57	7.132	1876	1879	1882	rBV	1673	1030	0.03%	0.006%
58	7.225	1897	1908	1933	rVV	241519	440035	10.82%	2.441%
59	7.562	1994	2013	2047	rBV	825152	1511831	37.18%	8.385%
60	7.800	2084	2087	2090	rBV	2481	1718	0.04%	0.010%
61	7.849	2090	2102	2117	rBV	161444	289729	7.12%	1.607%
62	8.128	2184	2189	2193	rVB2	2491	2980	0.07%	0.017%
63	8.164	2193	2200	2203	rBV2	2135	3028	0.07%	0.017%
64	8.183	2203	2206	2208	rVV	1596	1058	0.03%	0.006%
65	8.199	2208	2211	2217	rVB	1612	1429	0.04%	0.008%
66	8.228	2217	2220	2224	rBV	1816	1469	0.04%	0.008%
67	8.308	2233	2245	2283	rBV	611114	1147975	28.23%	6.367%
68	8.607	2335	2338	2342	rBV	1582	1208	0.03%	0.007%
69	8.749	2375	2382	2384	rBV	2081	2164	0.05%	0.012%
70	8.823	2400	2405	2413	rVB	2245	3377	0.08%	0.019%
71	8.916	2430	2434	2439	rBV	1298	1328	0.03%	0.007%

LSC Area Percent Report

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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09F1

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_U\METHOD\SOMULM032319WMA.M
Title : VOC Analysis

72	8.945	2439	2443	2446	rBV2	1212	1018	0.03%	0.006%
73	8.980	2451	2454	2457	rBV	1586	1326	0.03%	0.007%
74	9.086	2475	2487	2492	rBV	744047	1256998	30.91%	6.972%
75	9.475	2604	2608	2610	rBV	2057	1572	0.04%	0.009%
76	9.537	2621	2627	2634	rBV	2199	3776	0.09%	0.021%
77	9.627	2650	2655	2658	rBV	2224	2134	0.05%	0.012%
78	9.752	2691	2694	2696	rBV	1853	972	0.02%	0.005%
79	10.228	2840	2842	2848	rVB	3209	2443	0.06%	0.014%
80	10.427	2892	2904	2922	rBV	571277	929345	22.85%	5.155%
81	10.807	3018	3022	3025	rBV2	1316	1074	0.03%	0.006%
82	11.025	3085	3090	3092	rBV	1701	1485	0.04%	0.008%
83	11.041	3093	3095	3101	rVB	1814	1271	0.03%	0.007%
84	11.070	3101	3104	3106	rBV2	1711	1166	0.03%	0.006%
85	11.112	3114	3117	3120	rVB	1754	1075	0.03%	0.006%
86	11.131	3120	3123	3125	rBV	1389	1042	0.03%	0.006%
87	11.164	3130	3133	3137	rBV	1745	1118	0.03%	0.006%
88	11.418	3200	3212	3221	rBV4	44551	77071	1.90%	0.427%
89	11.482	3221	3232	3260	rVB2	661631	1323460	32.54%	7.341%
90	11.874	3336	3354	3377	rBV2	1954411	4066773	100.00%	22.557%
91	12.057	3409	3411	3414	rBV	1877	1052	0.03%	0.006%
92	12.324	3491	3494	3496	rBV	1785	1085	0.03%	0.006%
93	12.398	3513	3517	3523	rBV	2298	2653	0.07%	0.015%
94	12.565	3566	3569	3574	rBV	1697	1766	0.04%	0.010%
95	12.643	3590	3593	3597	rVB	2123	1375	0.03%	0.008%
96	13.501	3849	3860	3879	rBV	167801	312211	7.68%	1.732%
97	13.990	4003	4012	4033	rBV4	23286	53897	1.33%	0.299%
98	14.408	4139	4142	4144	rBV	1933	1331	0.03%	0.007%
99	15.186	4380	4384	4390	rBV2	2418	2908	0.07%	0.016%
100	15.855	4589	4592	4597	rBV3	1990	2324	0.06%	0.013%

Sum of corrected areas: 18029204

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032619\
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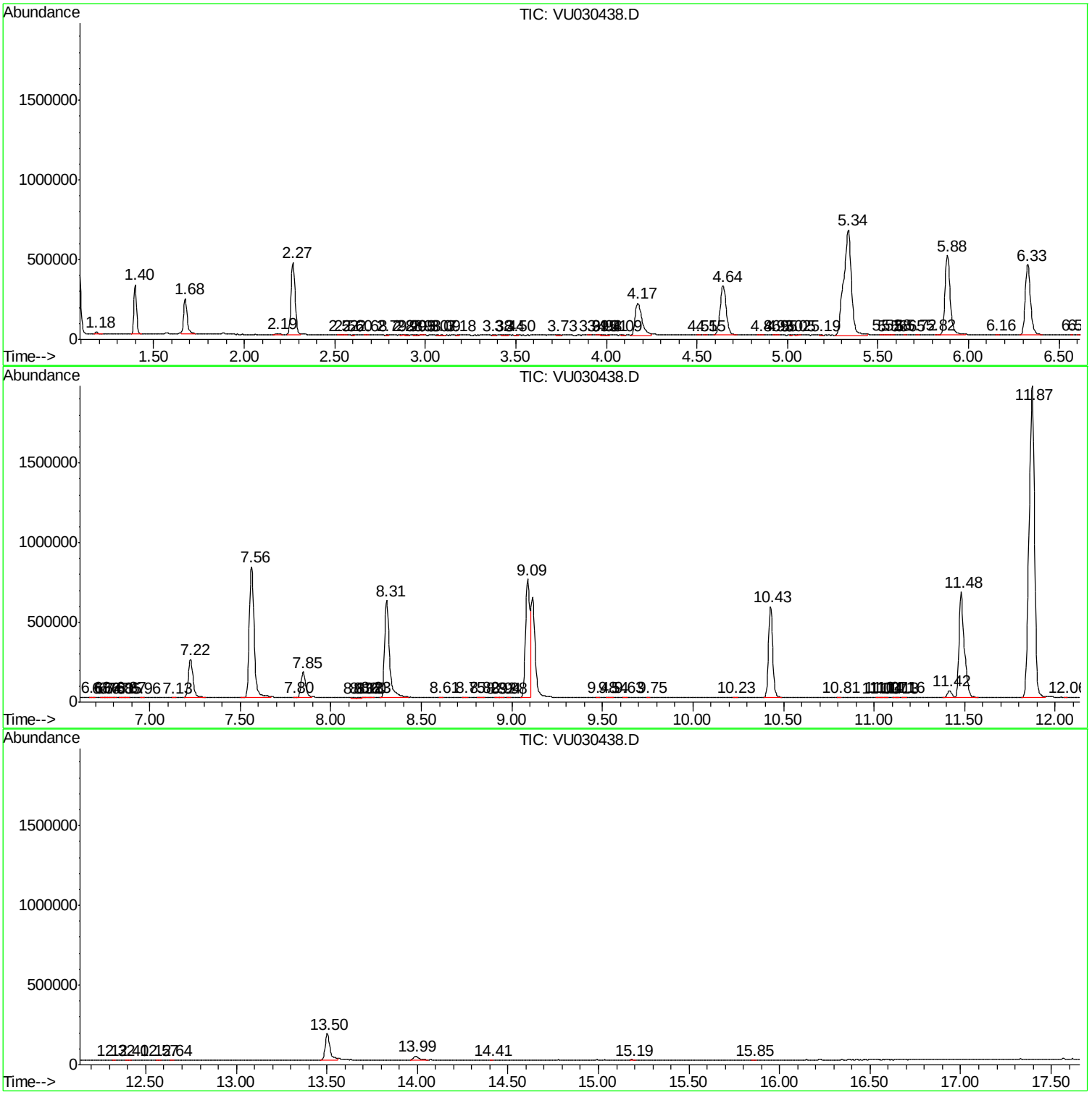
Sample : K2070-18 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09F1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032619\
Data File : VU030438.D
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Operator : JC/SP
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09F1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

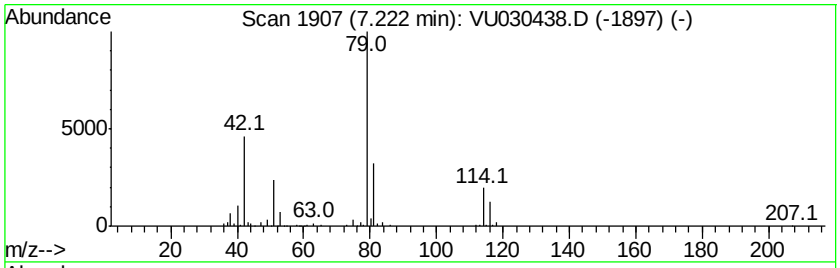
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

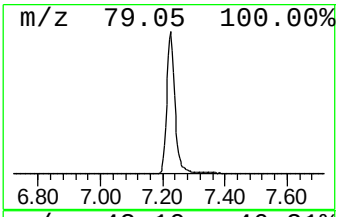
****

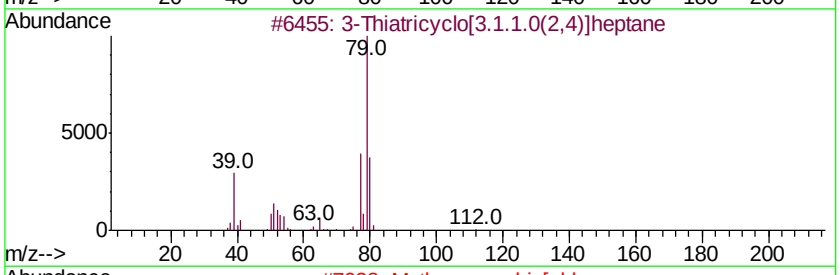
Peak Number 1 unknown-01 Concentration Rank 1

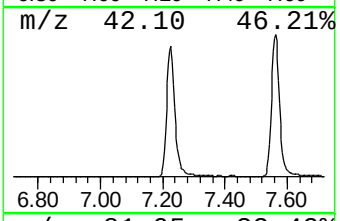
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	21.42 ug/L	440035	1,4-Difluorobenzene	5.88

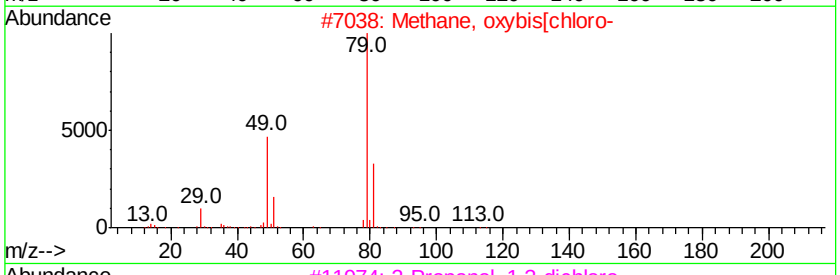
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Thiatricyclo[3.1.1.0(2,4)]heptane	112	C6H8S	1000221-37-0	25
2	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	23
3	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	23
4	Thiophosgene	114	CCl2S	000463-71-8	16
5	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	9

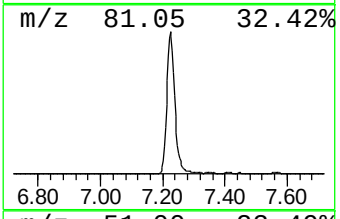


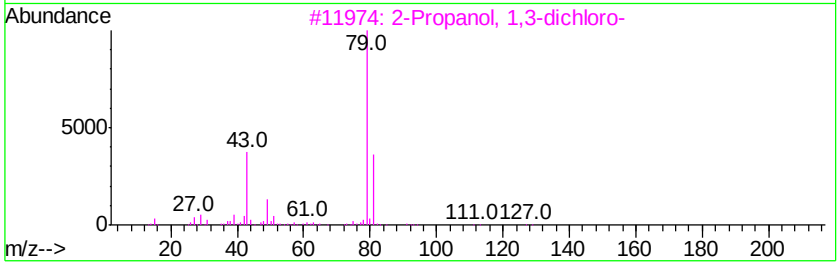


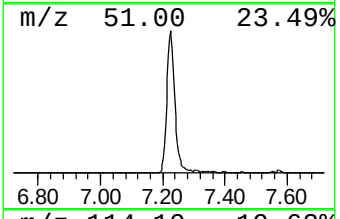


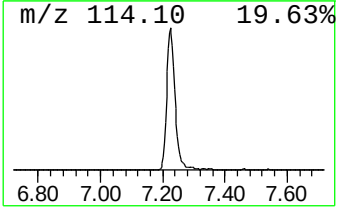












Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032619\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	7.22	21.4	ug/L	440035	1	5.88	1027210	50.0