LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091319\
Data File : VV012738.D
Acq On : 13 Sep 2019 20:20
Operator : SY/MD
Sample : K4707-01
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0CJ2

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_V\METHOD\SOMVLM091319WMA.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	1.319	64	71	91	rVB	348408	349657	11.81%	1.520%
2	1.579	144	152	165	rVB	299898	346639	11.71%	1.507%
3	2.129	313	323	334	rBV	599530	840373	28.39%	3.652%
4	2.303	367	377	390	rBV	34160	58585	1.98%	0.255%
5	2.650	470	485	503	rBV	71464	153875	5.20%	0.669%
6	2.782	522	526	527	rBV3	1114	746	0.03%	0.003%
7	2.939	572	575	577	rBV2	1182	771	0.03%	0.003%
8	2.988	583	590	592	rBV2	2232	2576	0.09%	0.011%
9	3.177	645	649	653	rVB5	879	782	0.03%	0.003%
10	3.200	653	656	660	rBV5	974	669	0.02%	0.003%
11	3.415	721	723	728	rVB4	1105	655	0.02%	0.003%
12	3.447	728	733	737	rBV3	588	546	0.02%	0.002%
13	3.518	752	755	759	rVB3	1081	836	0.03%	0.004%
14	3.746	824	826	830	rVB2	962	557	0.02%	0.002%
15	3.843	848	856	858	rBV5	664	666	0.02%	0.003%
16	3.881	864	868	869	rBV2	1642	943	0.03%	0.004%
17	3.926	869	882	918	rBV2	343866	1064645	35.96%	4.627%
18	4.312	997	1002	1005	rBV6	1053	1127	0.04%	0.005%
19	4.399	1010	1029	1061	rBV	524378	1361307	45.99%	5.916%
20	4.582	1084	1086	1090	rBV4	929	633	0.02%	0.003%
21	4.669	1110	1113	1115	rBV4	877	607	0.02%	0.003%
22	4.888	1179	1181	1184	rVB4	1080	529	0.02%	0.002%
23	4.978	1205	1209	1215	rVB5	891	817	0.03%	0.004%
24	5.094	1225	1245	1281	rBV2	1155637	2960246	100.00%	12.866%
25	5.399	1338	1340	1345	rBV3	715	672	0.02%	0.003%
26	5.441	1349	1353	1356	rBV5	1314	1108	0.04%	0.005%
27	5.512	1373	1375	1379	rBV4	810	561	0.02%	0.002%
28	5.663	1407	1422	1448	rBV	892893	1750939	59.15%	7.610%
29	5.843	1476	1478	1482	rVB4	1125	728	0.02%	0.003%
30	5.868	1482	1486	1488	rBV5	848	675	0.02%	0.003%
31	5.894	1491	1494	1497	rVB4	1238	659	0.02%	0.003%
32	5.946	1497	1510	1531	rBV	157859	319215	10.78%	1.387%
33	6.116	1547	1563	1592	rBV	726589	1469017	49.62%	6.385%
34	6.418	1655	1657	1660	rBV3	942	659	0.02%	0.003%

LSC Area Percent Report

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Sample : K4707-01
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0CJ2

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_V\METHOD\SOMVLM091319WMA.M
Title : VOC Analysis

35	6.650	1719	1729	1736	rBV5	5328	9516	0.32%	0.041%
36	6.794	1772	1774	1776	rBV2	921	577	0.02%	0.003%
37	6.897	1804	1806	1810	rVB3	1162	790	0.03%	0.003%
38	7.026	1833	1846	1877	rBV	359854	644248	21.76%	2.800%
39	7.177	1886	1893	1907	rVB	7113	13929	0.47%	0.061%
40	7.267	1919	1921	1932	rVB8	1625	1753	0.06%	0.008%
41	7.357	1936	1949	1969	rBV	1297323	2219495	74.98%	9.646%
42	7.663	2033	2044	2064	rVV	248860	425654	14.38%	1.850%
43	7.868	2104	2108	2111	rBV4	1096	971	0.03%	0.004%
44	7.981	2131	2143	2150	rBV2	7346	13572	0.46%	0.059%
45	8.129	2175	2189	2227	rBV2	751169	1631555	55.12%	7.091%
46	8.431	2281	2283	2286	rBV3	879	567	0.02%	0.002%
47	8.450	2286	2289	2293	rVB6	1014	701	0.02%	0.003%
48	8.537	2313	2316	2319	rBV5	848	619	0.02%	0.003%
49	8.640	2345	2348	2350	rBV2	1081	633	0.02%	0.003%
50	8.727	2372	2375	2380	rVV5	921	745	0.03%	0.003%
51	8.756	2380	2384	2386	rVV3	930	563	0.02%	0.002%
52	8.781	2388	2392	2395	rBV5	977	793	0.03%	0.003%
53	8.836	2406	2409	2412	rVB3	1121	728	0.02%	0.003%
54	8.894	2412	2427	2451	rBV	1293333	2139384	72.27%	9.298%
55	9.167	2507	2512	2513	rBV4	1563	1189	0.04%	0.005%
56	9.270	2538	2544	2547	rVB6	1513	1569	0.05%	0.007%
57	9.322	2557	2560	2565	rVB3	910	742	0.03%	0.003%
58	9.363	2571	2573	2576	rBV3	773	614	0.02%	0.003%
59	9.585	2638	2642	2645	rBV4	2089	1748	0.06%	0.008%
60	9.679	2669	2671	2680	rVB5	1324	1581	0.05%	0.007%
61	9.781	2699	2703	2706	rBV4	1152	1138	0.04%	0.005%
62	9.798	2706	2708	2710	rVV2	1089	650	0.02%	0.003%
63	9.810	2710	2712	2714	rVV4	1039	586	0.02%	0.003%
64	9.862	2725	2728	2732	rVV	15749	8621	0.29%	0.037%
65	9.881	2732	2734	2740	rVV5	511	598	0.02%	0.003%
66	9.916	2743	2745	2750	rVB2	1234	954	0.03%	0.004%
67	9.978	2760	2764	2768	rBV3	822	829	0.03%	0.004%
68	10.003	2768	2772	2781	rVB5	995	1562	0.05%	0.007%
69	10.048	2781	2786	2789	rBV6	1320	1237	0.04%	0.005%
70	10.167	2820	2823	2828	rVV4	830	635	0.02%	0.003%
71	10.257	2838	2851	2869	rBV	823075	1276162	43.11%	5.546%

LSC Area Percent Report

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Sample : K4707-01
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0CJ2

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_V\METHOD\SOMVLM091319WMA.M
Title : VOC Analysis

72	10.421	2893	2902	2911	rBV2	8483	13219	0.45%	0.057%
73	10.482	2917	2921	2923	rBV4	781	561	0.02%	0.002%
74	10.572	2945	2949	2951	rBV4	844	678	0.02%	0.003%
75	10.624	2962	2965	2967	rVV3	987	573	0.02%	0.002%
76	10.733	2991	2999	3001	rBV3	939	1076	0.04%	0.005%
77	10.752	3001	3005	3007	rBV3	803	580	0.02%	0.003%
78	10.788	3012	3016	3023	rVB4	1238	1157	0.04%	0.005%
79	10.817	3023	3025	3028	rBV3	749	567	0.02%	0.002%
80	11.071	3100	3104	3107	rVB2	847	550	0.02%	0.002%
81	11.109	3107	3116	3123	rBV6	1749	3137	0.11%	0.014%
82	11.167	3129	3134	3136	rBV3	883	735	0.02%	0.003%
83	11.228	3143	3153	3160	rBV7	3941	5975	0.20%	0.026%
84	11.293	3161	3173	3193	rBV	1015929	1569401	53.02%	6.821%
85	11.470	3226	3228	3232	rVB3	1268	643	0.02%	0.003%
86	11.560	3253	3256	3260	rBV3	1333	1217	0.04%	0.005%
87	11.669	3277	3290	3313	rBV	1314157	2222433	75.08%	9.659%
88	12.042	3404	3406	3408	rBV2	862	546	0.02%	0.002%
89	12.296	3479	3485	3486	rBV6	853	652	0.02%	0.003%
90	12.379	3507	3511	3514	rBV4	1140	764	0.03%	0.003%
91	12.518	3551	3554	3557	rBV3	785	754	0.03%	0.003%
92	12.534	3557	3559	3563	rVB2	891	520	0.02%	0.002%
93	12.688	3598	3607	3620	rBV4	9169	17584	0.59%	0.076%
94	13.267	3784	3787	3790	rBV4	905	569	0.02%	0.002%
95	13.309	3791	3800	3810	rVV3	18063	28485	0.96%	0.124%
96	13.556	3869	3877	3883	rBV5	3737	5758	0.19%	0.025%
97	13.794	3942	3951	3962	rVB2	18039	27768	0.94%	0.121%
98	14.019	4017	4021	4024	rBV2	1096	934	0.03%	0.004%
99	14.402	4137	4140	4144	rBV2	732	588	0.02%	0.003%
100	14.836	4272	4275	4280	rVB3	1396	1093	0.04%	0.005%

Sum of corrected areas: 23008745

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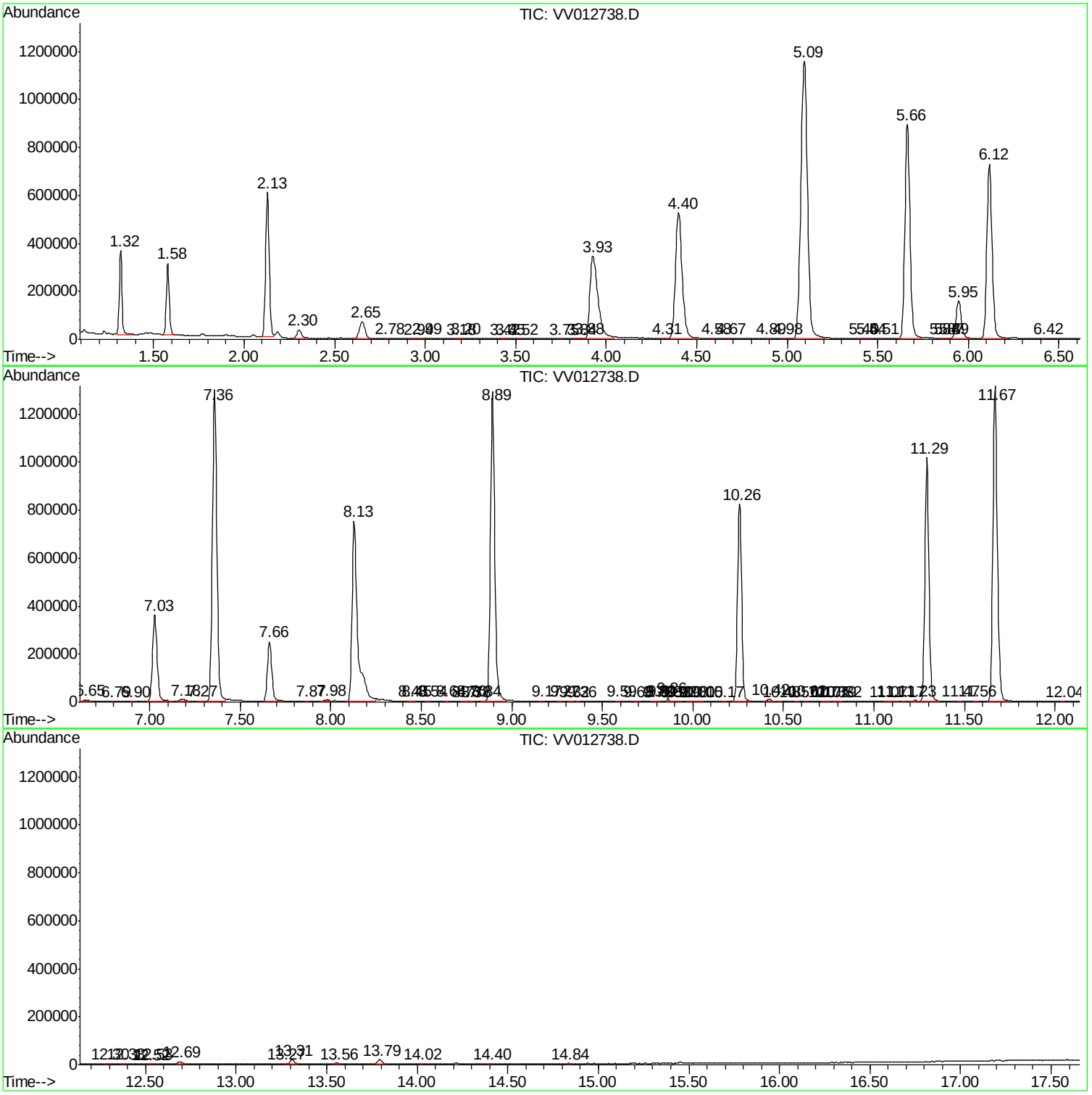
Sample : K4707-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0CJ2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091319\
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Instrument : MSVOA_V
ClientSampleId : C0CJ2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
Quant Title : VOC Analysis

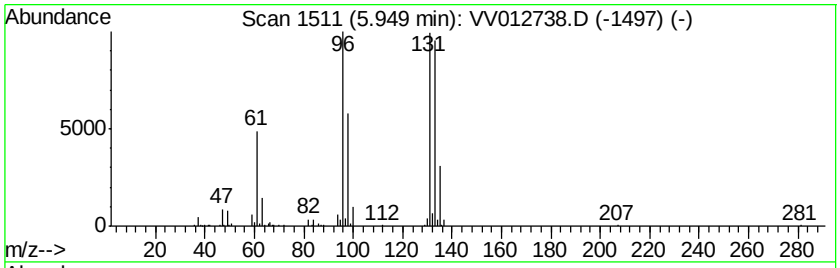
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

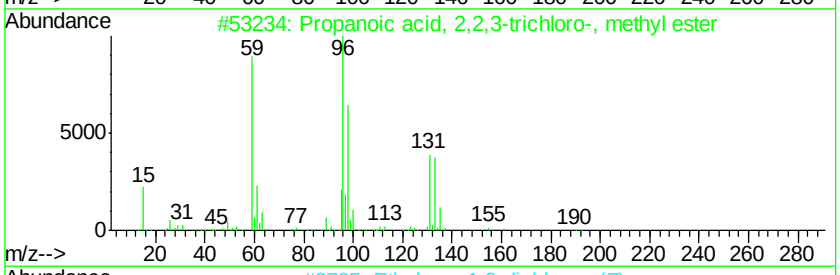
****

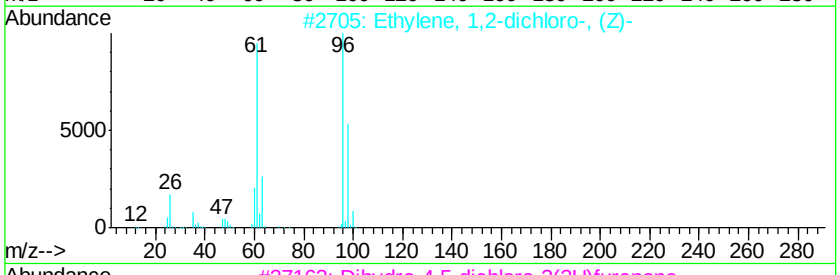
Peak Number 2 unknown-01 Concentration Rank 2

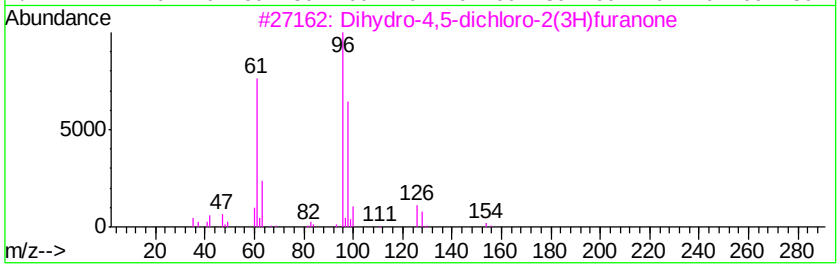
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	9.12 ug/L	319215	1,4-Difluorobenzene	5.66

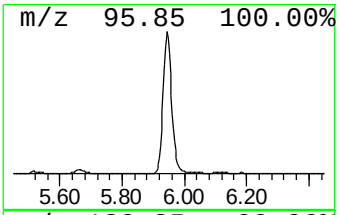
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	37
2	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	35
3	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	17
4	4-Cyclopentene-1,3-dione	96	C5H4O2	000930-60-9	9
5	Benzonitrile, 4-methoxy-	133	C8H7NO	000874-90-8	9

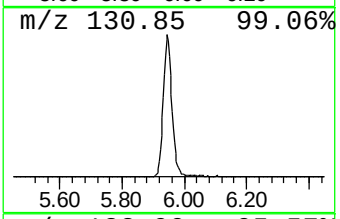


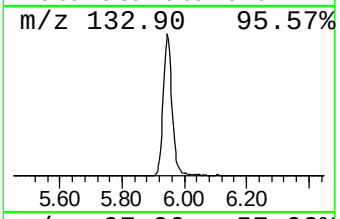


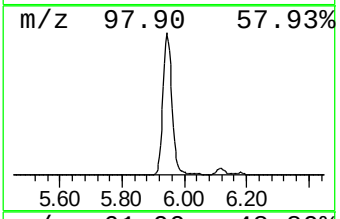


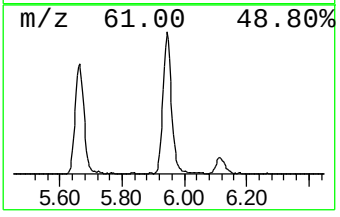












Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091319\
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ALS Vial : 18 Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.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	5.95	9.1	ug/L	319215	1	5.66	1750940	50.0