LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022619\
Data File : VV009369.D
Acq On : 26 Feb 2019 16:25
Operator : SY/MD
Sample : K1579-10
Misc : 6.88G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB607

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\SOM2VLM022619S.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	66	71	81	rVB	102444	105282	15.27%	1.928%
2	1.582	148	153	165	rVB	122807	136204	19.75%	2.494%
3	2.126	314	322	344	rVB	243892	366222	53.11%	6.707%
4	2.537	444	450	464	rVB3	7457	12863	1.87%	0.236%
5	2.788	526	528	534	rVB4	718	714	0.10%	0.013%
6	2.827	534	540	545	rVB2	758	962	0.14%	0.018%
7	2.852	545	548	549	rBV2	447	296	0.04%	0.005%
8	3.151	639	641	642	rBV2	836	365	0.05%	0.007%
9	3.283	678	682	684	rBV	626	512	0.07%	0.009%
10	3.370	705	709	713	rBV4	762	564	0.08%	0.010%
11	3.614	783	785	788	rBV	333	208	0.03%	0.004%
12	3.650	793	796	798	rBV3	354	302	0.04%	0.006%
13	3.746	824	826	830	rBV3	435	350	0.05%	0.006%
14	3.814	842	847	849	rBV2	410	328	0.05%	0.006%
15	3.955	879	891	914	rBV2	15831	52921	7.68%	0.969%
16	4.241	978	980	981	rBV	443	207	0.03%	0.004%
17	4.399	1012	1029	1053	rBV	119294	293546	42.57%	5.376%
18	4.717	1124	1128	1130	rBV3	627	448	0.06%	0.008%
19	4.884	1177	1180	1183	rBV3	464	368	0.05%	0.007%
20	4.968	1204	1206	1210	rBV2	458	309	0.04%	0.006%
21	5.023	1220	1223	1226	rBV	560	447	0.06%	0.008%
22	5.093	1226	1245	1271	rBV2	271251	689521	100.00%	12.627%
23	5.544	1383	1385	1389	rVB2	475	331	0.05%	0.006%
24	5.576	1389	1395	1396	rBV3	649	648	0.09%	0.012%
25	5.663	1408	1422	1438	rBV	215797	445682	64.64%	8.162%
26	5.945	1501	1510	1511	rBV4	779	859	0.12%	0.016%
27	6.116	1549	1563	1587	rBV	150461	309199	44.84%	5.662%
28	6.315	1622	1625	1628	rBV	487	318	0.05%	0.006%
29	6.460	1666	1670	1671	rBV	477	340	0.05%	0.006%
30	6.492	1676	1680	1683	rBV3	508	458	0.07%	0.008%
31	6.563	1700	1702	1704	rBV2	341	232	0.03%	0.004%
32	6.698	1743	1744	1747	rBV	462	264	0.04%	0.005%
33	6.730	1747	1754	1757	rBV4	1526	1844	0.27%	0.034%
34	6.826	1782	1784	1786	rBV2	776	404	0.06%	0.007%

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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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Title : VOC Analysis

35	6.952	1822	1823	1825	rBV	549	207	0.03%	0.004%
36	7.029	1833	1847	1866	rBV	94466	175429	25.44%	3.213%
37	7.357	1936	1949	1972	rBV	334341	609343	88.37%	11.159%
38	7.662	2031	2044	2068	rBV	58092	104874	15.21%	1.921%
39	8.055	2163	2166	2170	rBV	461	366	0.05%	0.007%
40	8.084	2170	2175	2181	rBV4	557	637	0.09%	0.012%
41	8.142	2181	2193	2222	rBV2	67769	142607	20.68%	2.612%
42	8.296	2239	2241	2243	rBV2	580	291	0.04%	0.005%
43	8.328	2248	2251	2256	rBV3	584	495	0.07%	0.009%
44	8.434	2280	2284	2286	rBV2	632	366	0.05%	0.007%
45	8.482	2294	2299	2302	rBV4	522	501	0.07%	0.009%
46	8.527	2310	2313	2315	rBV4	651	352	0.05%	0.006%
47	8.579	2324	2329	2332	rBV4	261	265	0.04%	0.005%
48	8.672	2355	2358	2359	rBV2	605	367	0.05%	0.007%
49	8.791	2392	2395	2399	rBV4	446	470	0.07%	0.009%
50	8.833	2406	2408	2411	rBV2	340	273	0.04%	0.005%
51	8.897	2415	2428	2451	rBV	323673	550380	79.82%	10.079%
52	9.051	2473	2476	2479	rBV4	737	679	0.10%	0.012%
53	9.225	2528	2530	2532	rBV2	597	253	0.04%	0.005%
54	9.350	2565	2569	2571	rBV3	424	333	0.05%	0.006%
55	9.415	2585	2589	2591	rBV3	679	550	0.08%	0.010%
56	9.479	2607	2609	2612	rVB3	665	355	0.05%	0.007%
57	9.537	2622	2627	2630	rBV3	661	571	0.08%	0.010%
58	9.688	2671	2674	2677	rVB2	505	302	0.04%	0.006%
59	9.707	2677	2680	2684	rBV3	705	600	0.09%	0.011%
60	9.949	2743	2755	2771	rBV	132406	221984	32.19%	4.065%
61	10.074	2791	2794	2796	rBV3	437	311	0.05%	0.006%
62	10.260	2835	2852	2875	rVB	126589	215838	31.30%	3.953%
63	10.357	2879	2882	2885	rBV3	567	382	0.06%	0.007%
64	10.392	2891	2893	2896	rBV2	578	313	0.05%	0.006%
65	10.498	2920	2926	2928	rBV3	589	662	0.10%	0.012%
66	10.778	3011	3013	3015	rBV2	448	212	0.03%	0.004%
67	10.894	3045	3049	3053	rBV5	590	612	0.09%	0.011%
68	11.045	3094	3096	3102	rVB2	655	523	0.08%	0.010%
69	11.077	3102	3106	3107	rBV3	536	367	0.05%	0.007%
70	11.109	3113	3116	3118	rVB2	707	383	0.06%	0.007%
71	11.135	3121	3124	3125	rBV	370	216	0.03%	0.004%

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Sampling : 1 Min Area: 0 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Title : VOC Analysis

72	11.180	3137	3138	3142	rVB2	599	378	0.05%	0.007%
73	11.209	3142	3147	3148	rBV3	670	513	0.07%	0.009%
74	11.235	3148	3155	3163	rVV6	6606	10069	1.46%	0.184%
75	11.296	3163	3174	3193	rVB	313173	504866	73.22%	9.246%
76	11.556	3252	3255	3258	rBV3	404	294	0.04%	0.005%
77	11.579	3258	3262	3263	rBV2	677	423	0.06%	0.008%
78	11.627	3273	3277	3280	rBV2	521	482	0.07%	0.009%
79	11.672	3280	3291	3310	rVB	301067	476654	69.13%	8.729%
80	11.945	3370	3376	3382	rVB6	1166	1433	0.21%	0.026%
81	11.977	3382	3386	3388	rBV	387	297	0.04%	0.005%
82	12.003	3392	3394	3396	rBV3	581	278	0.04%	0.005%
83	12.051	3406	3409	3413	rVB2	510	323	0.05%	0.006%
84	12.373	3507	3509	3510	rBV	480	213	0.03%	0.004%
85	12.453	3532	3534	3537	rBV	436	276	0.04%	0.005%
86	12.473	3538	3540	3543	rBV2	419	249	0.04%	0.005%
87	12.694	3602	3609	3611	rBV3	2214	2187	0.32%	0.040%
88	12.829	3648	3651	3655	rVV3	493	373	0.05%	0.007%
89	12.862	3659	3661	3664	rVV3	525	226	0.03%	0.004%
90	13.000	3700	3704	3708	rBV3	465	512	0.07%	0.009%
91	13.083	3725	3730	3733	rBV4	639	572	0.08%	0.010%
92	13.119	3739	3741	3744	rBV	423	275	0.04%	0.005%
93	13.292	3793	3795	3796	rBV	614	261	0.04%	0.005%
94	13.421	3833	3835	3838	rBV4	482	277	0.04%	0.005%
95	13.492	3853	3857	3859	rBV2	578	505	0.07%	0.009%
96	13.514	3861	3864	3869	rVB2	722	705	0.10%	0.013%
97	13.617	3894	3896	3899	rBV2	361	255	0.04%	0.005%
98	13.958	4000	4002	4005	rBV2	400	342	0.05%	0.006%
99	14.550	4183	4186	4187	rBV	628	394	0.06%	0.007%
100	14.836	4270	4275	4277	rBV	792	763	0.11%	0.014%

Sum of corrected areas: 5460582

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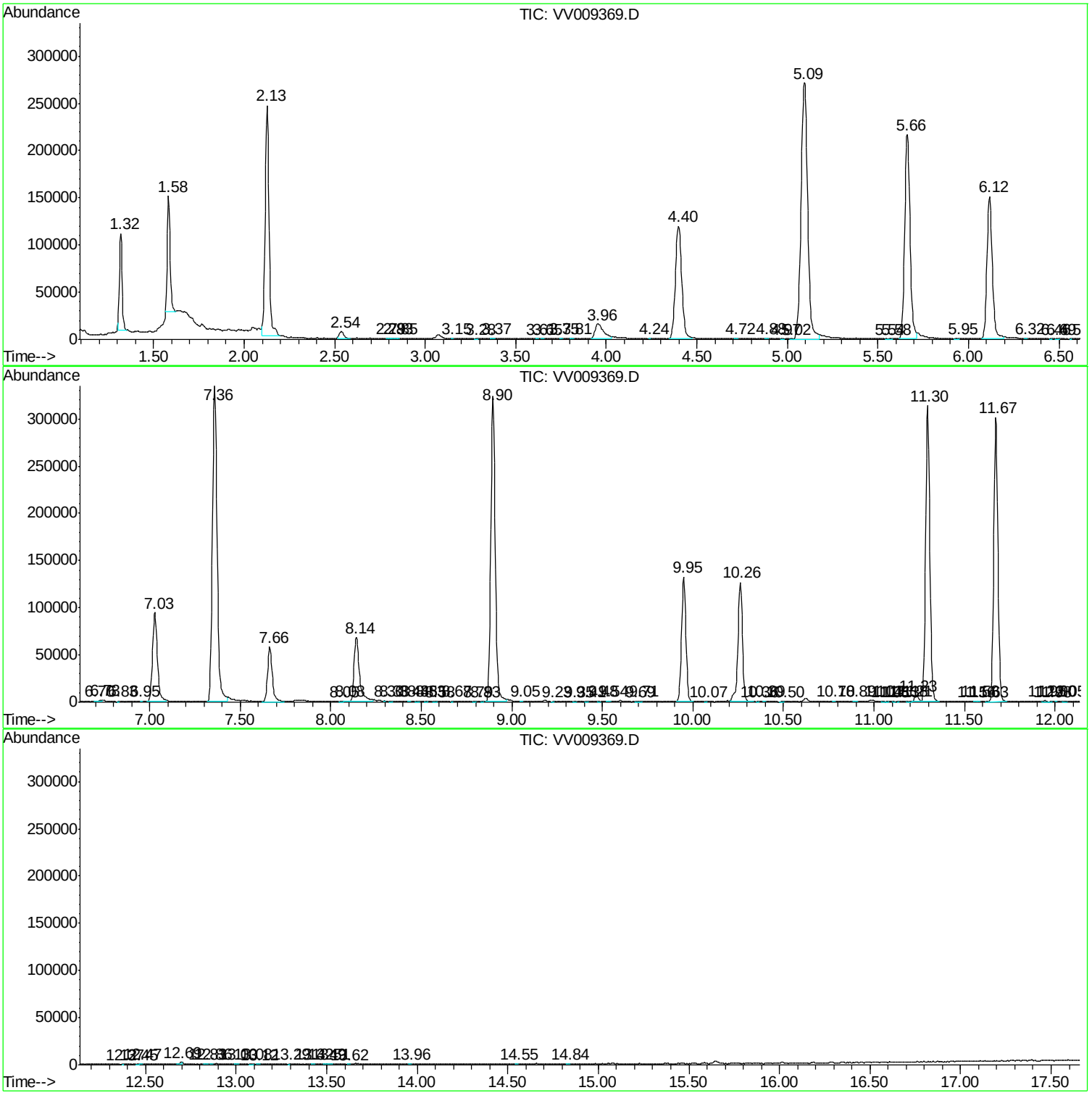
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022619\
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Instrument : MSVOA_V
ClientSampleId : DB607

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis

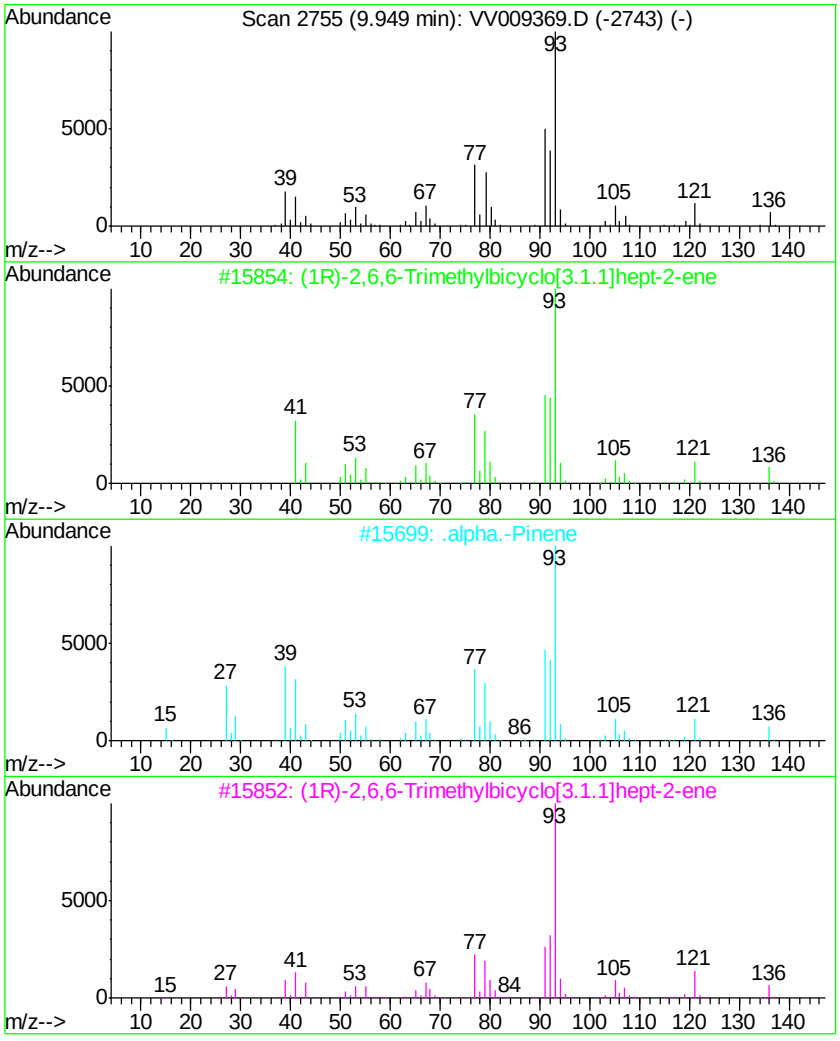
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

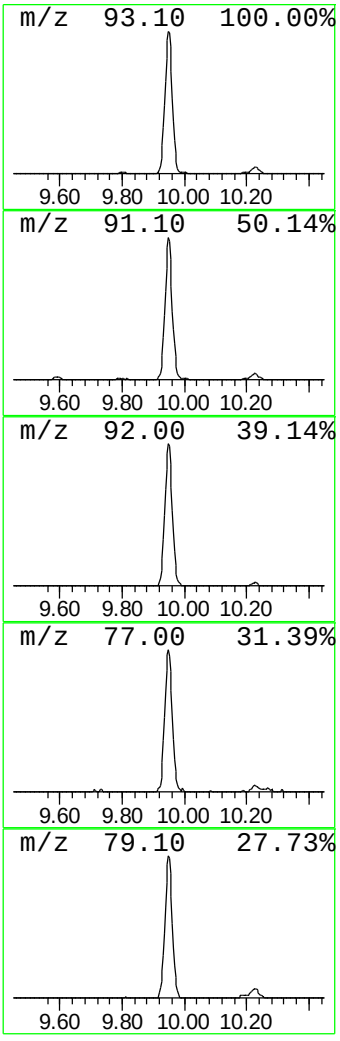
****

Peak Number 2 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	10.08 ug/L	221984	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	95
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
4	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	91
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(1R)-2,6,6-Trimet...	9.95	10.1	ug/L	221984	2	8.90	550380	25.0