LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091319\
Data File : VV012750.D
Acq On : 14 Sep 2019 01:36
Operator : SY/MD
Sample : K4868-07
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0ML3

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	65	71	86	rVB	325843	329362	11.42%	1.495%
2	1.579	144	152	171	rVB	294530	344782	11.96%	1.565%
3	2.129	313	323	334	rBV	575560	801691	27.80%	3.638%
4	2.303	368	377	393	rVB	43045	75951	2.63%	0.345%
5	2.650	473	485	498	rBV	23826	48237	1.67%	0.219%
6	2.724	504	508	514	rVB6	1428	1310	0.05%	0.006%
7	2.791	520	529	531	rBV6	1952	2174	0.08%	0.010%
8	2.840	541	544	547	rVB4	833	622	0.02%	0.003%
9	2.994	590	592	596	rVB4	703	527	0.02%	0.002%
10	3.090	620	622	628	rVB5	588	512	0.02%	0.002%
11	3.113	628	629	635	rVB4	793	627	0.02%	0.003%
12	3.251	667	672	673	rBV2	1131	783	0.03%	0.004%
13	3.421	723	725	730	rVB	839	536	0.02%	0.002%
14	3.450	730	734	737	rBV4	972	968	0.03%	0.004%
15	3.582	773	775	778	rVV2	780	523	0.02%	0.002%
16	3.653	793	797	801	rVB4	758	740	0.03%	0.003%
17	3.923	869	881	912	rBV	303732	844605	29.29%	3.833%
18	4.399	1012	1029	1055	rBV	505914	1216350	42.19%	5.520%
19	4.592	1087	1089	1096	rVB7	830	760	0.03%	0.003%
20	4.856	1167	1171	1173	rVB4	940	671	0.02%	0.003%
21	4.872	1173	1176	1179	rBV4	928	704	0.02%	0.003%
22	4.923	1188	1192	1197	rBV5	713	568	0.02%	0.003%
23	5.019	1217	1222	1225	rBV3	873	754	0.03%	0.003%
24	5.093	1226	1245	1278	rBV2	1130976	2883266	100.00%	13.084%
25	5.383	1332	1335	1338	rBV4	842	664	0.02%	0.003%
26	5.489	1366	1368	1371	rVV2	970	632	0.02%	0.003%
27	5.560	1387	1390	1395	rVB6	846	640	0.02%	0.003%
28	5.595	1395	1401	1406	rBV7	725	1037	0.04%	0.005%
29	5.663	1406	1422	1460	rBV	919118	1812147	62.85%	8.223%
30	5.946	1491	1510	1526	rBV2	134227	284264	9.86%	1.290%
31	6.116	1548	1563	1584	rBV	724932	1441219	49.99%	6.540%
32	6.428	1652	1660	1664	rVB7	1332	1770	0.06%	0.008%
33	6.457	1664	1669	1670	rBV3	1120	862	0.03%	0.004%
34	6.646	1720	1728	1729	rBV3	5806	5881	0.20%	0.027%

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Instrument : MSVOA_V
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Integration Parameters: LSCINT.P
Integrator: RTE
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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\SOMVLM091319WMA.M
Title : VOC Analysis

35	6.717	1746	1750	1754	rBV4	788	859	0.03%	0.004%
36	6.753	1759	1761	1765	rVB3	883	619	0.02%	0.003%
37	6.781	1767	1770	1774	rBV4	892	741	0.03%	0.003%
38	6.827	1780	1784	1788	rVB4	661	597	0.02%	0.003%
39	6.955	1821	1824	1828	rBV3	718	611	0.02%	0.003%
40	6.974	1828	1830	1833	rVB2	1247	621	0.02%	0.003%
41	7.029	1833	1847	1867	rBV	335929	604547	20.97%	2.743%
42	7.154	1881	1886	1887	rBV4	1144	939	0.03%	0.004%
43	7.180	1887	1894	1900	rVV8	4466	6507	0.23%	0.030%
44	7.280	1922	1925	1929	rBV3	998	747	0.03%	0.003%
45	7.357	1936	1949	1971	rBV	1232650	2160577	74.94%	9.805%
46	7.662	2032	2044	2062	rBV	239781	406637	14.10%	1.845%
47	7.865	2105	2107	2112	rBV3	782	555	0.02%	0.003%
48	8.019	2151	2155	2164	rVB7	1924	2423	0.08%	0.011%
49	8.129	2177	2189	2234	rBV2	725294	1591831	55.21%	7.224%
50	8.540	2312	2317	2318	rBV3	784	530	0.02%	0.002%
51	8.579	2326	2329	2331	rBV3	808	547	0.02%	0.002%
52	8.769	2385	2388	2391	rBV3	697	530	0.02%	0.002%
53	8.814	2400	2402	2407	rVB2	1215	933	0.03%	0.004%
54	8.894	2413	2427	2457	rBV	1319850	2180666	75.63%	9.896%
55	9.177	2510	2515	2518	rBV5	1858	1803	0.06%	0.008%
56	9.235	2529	2533	2537	rBV6	1266	1197	0.04%	0.005%
57	9.460	2597	2603	2605	rBV6	904	740	0.03%	0.003%
58	9.550	2628	2631	2638	rVV6	982	961	0.03%	0.004%
59	9.595	2638	2645	2648	rVV4	1310	1746	0.06%	0.008%
60	9.756	2691	2695	2699	rBV4	1004	1073	0.04%	0.005%
61	9.814	2708	2713	2715	rBV4	974	705	0.02%	0.003%
62	9.932	2745	2750	2751	rBV4	620	587	0.02%	0.003%
63	10.003	2769	2772	2776	rVB4	865	611	0.02%	0.003%
64	10.045	2780	2785	2788	rBV5	1096	732	0.03%	0.003%
65	10.193	2828	2831	2835	rVB3	821	541	0.02%	0.002%
66	10.257	2839	2851	2872	rBV	844180	1315937	45.64%	5.972%
67	10.421	2893	2902	2912	rVB6	3751	5665	0.20%	0.026%
68	10.495	2921	2925	2931	rVB6	1311	1239	0.04%	0.006%
69	10.582	2948	2952	2955	rVB3	853	620	0.02%	0.003%
70	10.601	2955	2958	2960	rBV3	777	514	0.02%	0.002%
71	10.714	2988	2993	2994	rBV	748	589	0.02%	0.003%

LSC Area Percent Report

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ClientSampleId : C0ML3

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\SOMVLM091319WMA.M
Title : VOC Analysis

72	10.723	2994	2996	3003	rVB3	836	733	0.03%	0.003%
73	10.781	3011	3014	3016	rBV2	832	638	0.02%	0.003%
74	10.852	3034	3036	3040	rBV3	613	552	0.02%	0.003%
75	10.958	3066	3069	3074	rVB4	985	808	0.03%	0.004%
76	11.042	3092	3095	3099	rBV4	842	619	0.02%	0.003%
77	11.180	3134	3138	3140	rBV2	694	523	0.02%	0.002%
78	11.225	3145	3152	3158	rVB10	3523	5559	0.19%	0.025%
79	11.293	3160	3173	3191	rBV	1003790	1589080	55.11%	7.211%
80	11.669	3277	3290	3313	rBV	1264817	1998218	69.30%	9.068%
81	11.858	3345	3349	3353	rVB5	1024	841	0.03%	0.004%
82	11.916	3365	3367	3371	rBV3	739	527	0.02%	0.002%
83	12.209	3455	3458	3460	rBV4	823	607	0.02%	0.003%
84	12.276	3477	3479	3483	rVB2	1181	555	0.02%	0.003%
85	12.302	3483	3487	3491	rBV4	814	788	0.03%	0.004%
86	12.421	3519	3524	3530	rBV4	1412	1319	0.05%	0.006%
87	12.457	3533	3535	3540	rVB2	717	587	0.02%	0.003%
88	12.508	3548	3551	3555	rBV3	842	547	0.02%	0.002%
89	12.553	3561	3565	3567	rBV3	701	530	0.02%	0.002%
90	12.942	3682	3686	3691	rBV6	1077	1027	0.04%	0.005%
91	13.132	3742	3745	3750	rVB4	1239	1177	0.04%	0.005%
92	13.254	3780	3783	3787	rBV2	1004	719	0.02%	0.003%
93	13.312	3792	3801	3813	rVV5	11059	17730	0.61%	0.080%
94	13.444	3839	3842	3846	rBV3	967	783	0.03%	0.004%
95	13.550	3873	3875	3878	rBV3	903	676	0.02%	0.003%
96	13.791	3943	3950	3954	rBV6	4136	4526	0.16%	0.021%
97	13.878	3975	3977	3982	rBV4	901	779	0.03%	0.004%
98	14.244	4088	4091	4093	rBV4	1115	755	0.03%	0.003%
99	14.791	4259	4261	4264	rBV2	957	633	0.02%	0.003%
100	14.862	4279	4283	4285	rBV3	1496	1229	0.04%	0.006%

Sum of corrected areas: 22036481

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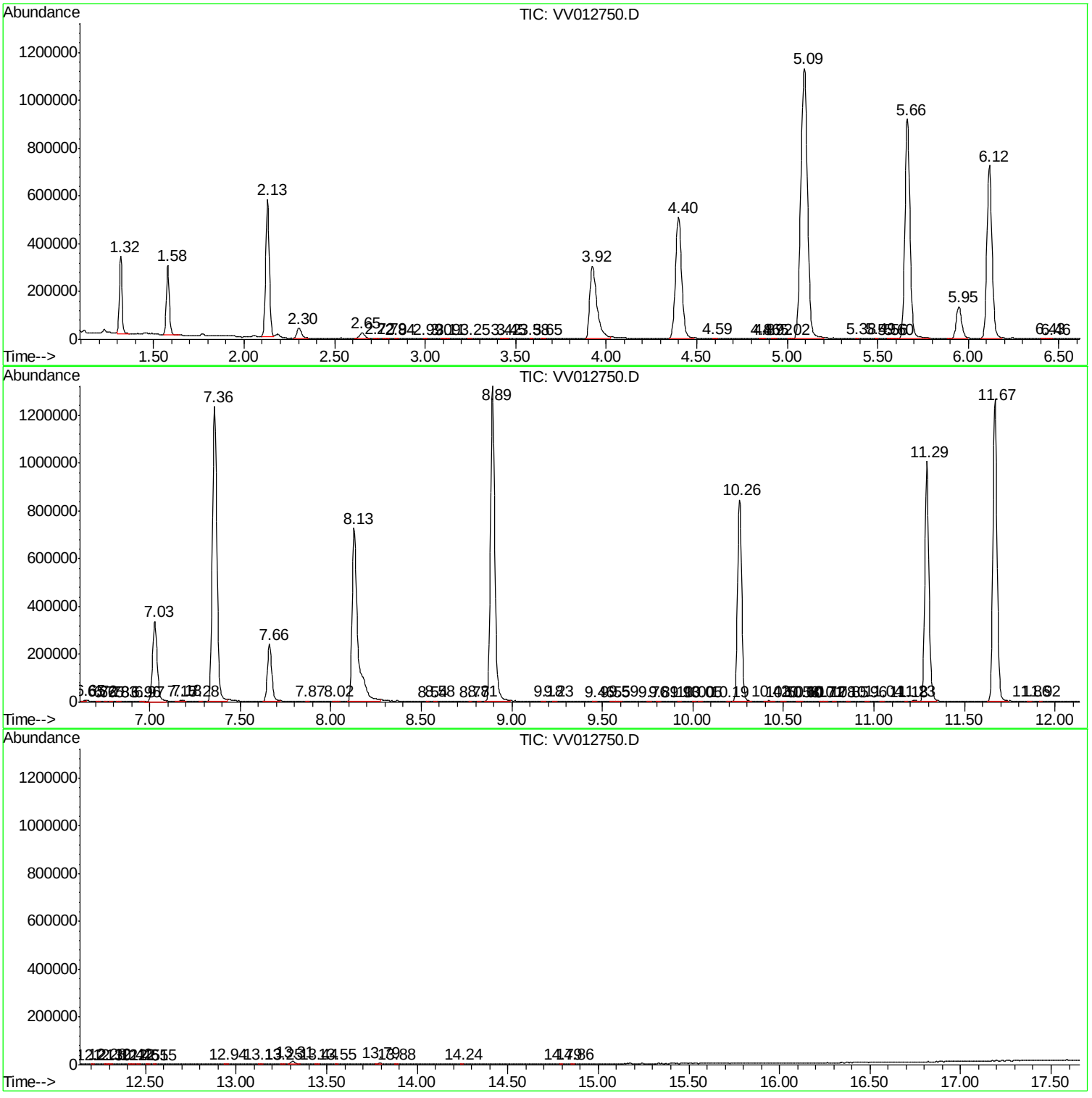
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091319\
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Instrument : MSVOA_V
ClientSampleId : C0ML3

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

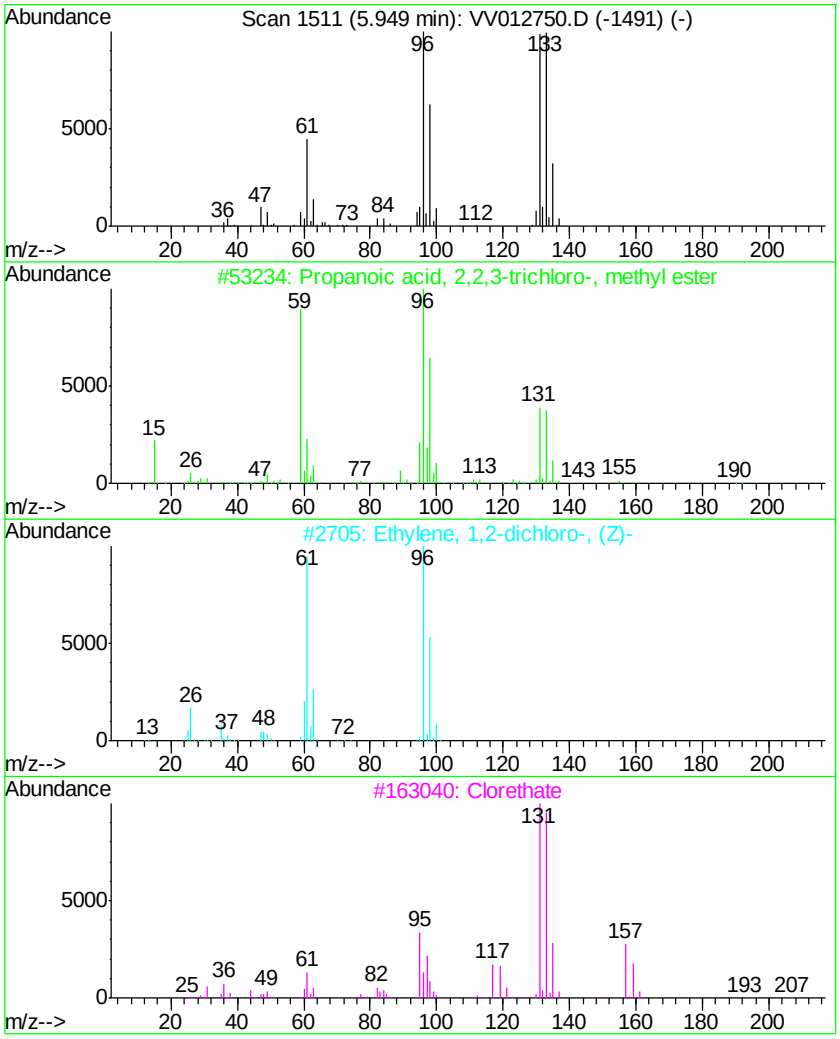
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

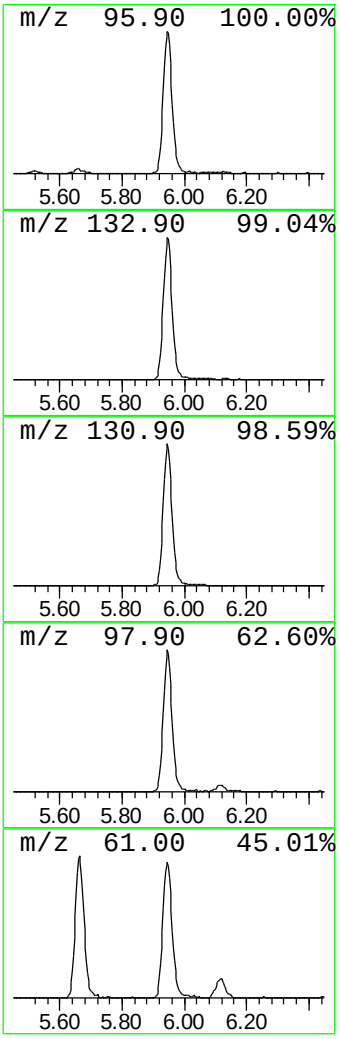
****

Peak Number 1 Propanoic acid, 2,2,3-trich... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	7.84 ug/L	284264	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	56
2	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	35
3	Clorethate	322	C5H4Cl6O3	005634-37-7	25
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	23
5	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	17





Tentatively Identified Compound (LSC) summary

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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
Propanoic acid, 2...	5.95	7.8	ug/L	284264	1	5.66	1812150	50.0