LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091319\
Data File : VV012751.D
Acq On : 14 Sep 2019 02:01
Operator : SY/MD
Sample : K4868-08
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0ML4

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	82	rVB	327077	326771	11.16%	1.524%
2	1.579	144	152	171	rVB	291267	342098	11.68%	1.595%
3	2.129	312	323	335	rBV	584001	827612	28.26%	3.860%
4	2.302	367	377	395	rBV	40577	74575	2.55%	0.348%
5	2.527	444	447	449	rBV4	1306	1038	0.04%	0.005%
6	2.563	456	458	461	rVB4	1357	784	0.03%	0.004%
7	2.614	471	474	475	rBV3	1043	604	0.02%	0.003%
8	2.653	475	486	500	rVB	29292	60301	2.06%	0.281%
9	2.724	506	508	513	rVB5	1098	777	0.03%	0.004%
10	2.794	526	530	534	rBV5	1553	1410	0.05%	0.007%
11	2.849	543	547	551	rBV6	1069	908	0.03%	0.004%
12	2.897	558	562	566	rBV4	1001	934	0.03%	0.004%
13	2.923	566	570	573	rVB4	921	602	0.02%	0.003%
14	3.071	612	616	618	rBV3	847	641	0.02%	0.003%
15	3.244	665	670	672	rBV3	792	763	0.03%	0.004%
16	3.302	686	688	692	rBV2	669	538	0.02%	0.003%
17	3.373	706	710	712	rVB2	921	636	0.02%	0.003%
18	3.396	715	717	722	rBV2	643	518	0.02%	0.002%
19	3.453	732	735	739	rBV	892	775	0.03%	0.004%
20	3.486	743	745	751	rVB4	868	633	0.02%	0.003%
21	3.534	754	760	764	rVB4	968	826	0.03%	0.004%
22	3.621	784	787	790	rVB3	971	654	0.02%	0.003%
23	3.868	860	864	866	rBV2	789	564	0.02%	0.003%
24	3.923	868	881	924	rBV2	312214	920175	31.42%	4.292%
25	4.277	989	991	996	rBV5	989	570	0.02%	0.003%
26	4.399	1012	1029	1053	rBV	513754	1232284	42.08%	5.747%
27	4.611	1093	1095	1098	rBV3	717	529	0.02%	0.002%
28	4.736	1132	1134	1139	rVB5	1334	851	0.03%	0.004%
29	4.772	1139	1145	1148	rBV5	1117	1302	0.04%	0.006%
30	4.961	1201	1204	1206	rBV4	942	561	0.02%	0.003%
31	5.093	1225	1245	1287	rVV2	1147148	2928202	100.00%	13.657%
32	5.367	1328	1330	1331	rBV2	1058	541	0.02%	0.003%
33	5.441	1348	1353	1354	rBV3	1205	792	0.03%	0.004%
34	5.502	1369	1372	1373	rBV2	1179	629	0.02%	0.003%

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Instrument : MSVOA_V
ClientSampleId : C0ML4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

35	5.569	1386	1393	1398	rVB7	946	1180	0.04%	0.006%
36	5.662	1405	1422	1448	rBV	814281	1612301	55.06%	7.519%
37	5.945	1498	1510	1529	rVV	127396	262566	8.97%	1.225%
38	6.116	1547	1563	1591	rBV	727792	1457386	49.77%	6.797%
39	6.318	1624	1626	1629	rVB3	915	540	0.02%	0.003%
40	6.354	1634	1637	1639	rBV4	1076	649	0.02%	0.003%
41	6.511	1682	1686	1689	rBV3	879	743	0.03%	0.003%
42	6.646	1718	1728	1738	rBV5	5677	11972	0.41%	0.056%
43	6.836	1784	1787	1789	rVV3	1471	983	0.03%	0.005%
44	7.029	1832	1847	1866	rBV	340426	606753	20.72%	2.830%
45	7.174	1880	1892	1893	rBV10	3412	3963	0.14%	0.018%
46	7.357	1935	1949	1971	rBV	1249142	2166860	74.00%	10.106%
47	7.662	2031	2044	2061	rBV	243226	409850	14.00%	1.911%
48	7.894	2113	2116	2122	rBV5	1165	989	0.03%	0.005%
49	7.932	2124	2128	2132	rBV6	722	729	0.02%	0.003%
50	7.971	2134	2140	2142	rBV4	2293	2415	0.08%	0.011%
51	8.129	2176	2189	2202	rBV2	745031	1403596	47.93%	6.546%
52	8.411	2274	2277	2279	rBV4	1202	741	0.03%	0.003%
53	8.640	2346	2348	2352	rVB4	915	556	0.02%	0.003%
54	8.694	2363	2365	2368	rBV3	812	540	0.02%	0.003%
55	8.756	2381	2384	2387	rBV3	889	737	0.03%	0.003%
56	8.894	2412	2427	2452	rBV	1184535	1951047	66.63%	9.099%
57	9.135	2499	2502	2509	rVB4	1226	1262	0.04%	0.006%
58	9.180	2509	2516	2522	rBV8	2413	3248	0.11%	0.015%
59	9.202	2522	2523	2531	rVB5	1110	907	0.03%	0.004%
60	9.302	2551	2554	2559	rVB4	1370	1169	0.04%	0.005%
61	9.408	2584	2587	2590	rVB2	775	531	0.02%	0.002%
62	9.579	2638	2640	2642	rVV3	1193	663	0.02%	0.003%
63	9.595	2643	2645	2651	rVV6	1539	1554	0.05%	0.007%
64	9.630	2654	2656	2660	rVB3	862	560	0.02%	0.003%
65	9.665	2660	2667	2668	rBV4	1078	999	0.03%	0.005%
66	9.855	2720	2726	2730	rBV5	1094	1253	0.04%	0.006%
67	9.984	2764	2766	2772	rVB3	851	570	0.02%	0.003%
68	10.026	2777	2779	2783	rVB4	1110	677	0.02%	0.003%
69	10.128	2808	2811	2813	rBV4	724	576	0.02%	0.003%
70	10.257	2836	2851	2873	rVV	869338	1351546	46.16%	6.303%
71	10.415	2895	2900	2901	rBV3	2062	1441	0.05%	0.007%

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ALS Vial : 32 Sample Multiplier: 1

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ClientSampleId : C0ML4

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	10.492	2919	2924	2927	rVB3	1075	945	0.03%	0.004%
73	10.588	2951	2954	2957	rVB4	934	663	0.02%	0.003%
74	10.730	2993	2998	3001	rBV5	702	725	0.02%	0.003%
75	10.791	3010	3017	3020	rBV6	1117	1304	0.04%	0.006%
76	10.894	3047	3049	3053	rVB3	921	576	0.02%	0.003%
77	10.935	3058	3062	3064	rBV4	580	518	0.02%	0.002%
78	11.228	3138	3153	3161	rBV8	3475	7412	0.25%	0.035%
79	11.292	3161	3173	3195	rBV	884320	1412517	48.24%	6.588%
80	11.476	3227	3230	3233	rBV4	1114	641	0.02%	0.003%
81	11.669	3276	3290	3312	rBV	1240793	1990806	67.99%	9.285%
82	12.054	3405	3410	3412	rBV3	805	695	0.02%	0.003%
83	12.074	3414	3416	3422	rVB5	983	664	0.02%	0.003%
84	12.289	3481	3483	3486	rBV2	803	575	0.02%	0.003%
85	12.341	3496	3499	3502	rBV3	871	544	0.02%	0.003%
86	12.389	3509	3514	3522	rBV4	945	1426	0.05%	0.007%
87	12.488	3538	3545	3547	rBV5	1211	1293	0.04%	0.006%
88	12.691	3604	3608	3610	rBV4	831	600	0.02%	0.003%
89	12.816	3643	3647	3650	rBV2	1030	936	0.03%	0.004%
90	12.958	3688	3691	3693	rBV3	983	592	0.02%	0.003%
91	13.042	3712	3717	3721	rBV3	683	810	0.03%	0.004%
92	13.122	3739	3742	3745	rBB3	1017	566	0.02%	0.003%
93	13.186	3759	3762	3765	rBV2	904	728	0.02%	0.003%
94	13.241	3775	3779	3781	rBV4	1306	1046	0.04%	0.005%
95	13.312	3792	3801	3810	rBV6	9304	14654	0.50%	0.068%
96	13.566	3877	3880	3887	rVB5	1597	1207	0.04%	0.006%
97	13.617	3893	3896	3902	rBV4	1276	1262	0.04%	0.006%
98	13.791	3946	3950	3951	rBV3	2246	1486	0.05%	0.007%
99	14.279	4099	4102	4103	rBV2	897	521	0.02%	0.002%
100	14.874	4284	4287	4289	rBV4	1257	621	0.02%	0.003%

Sum of corrected areas: 21441783

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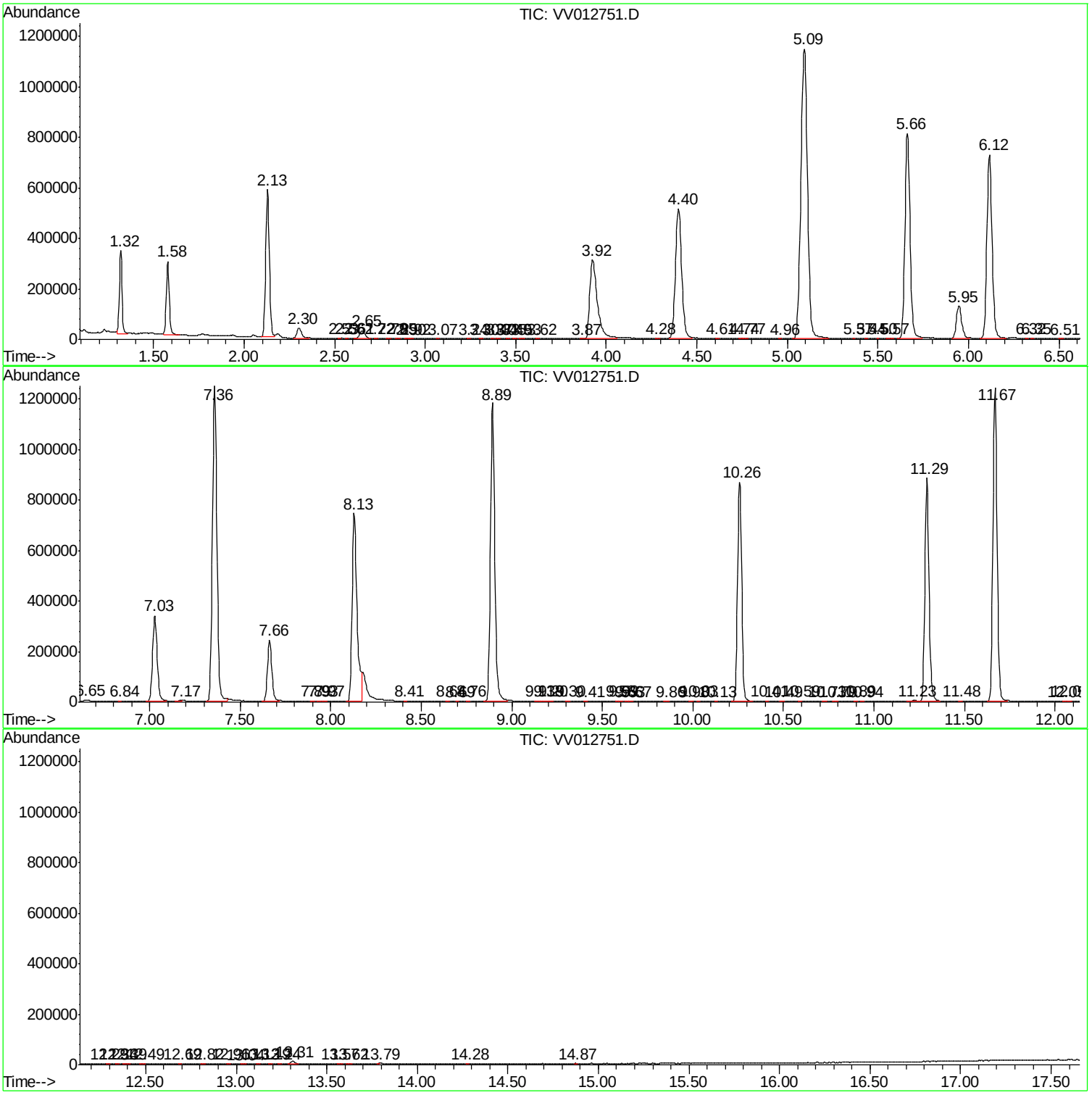
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
Quant Title : VOC Analysis

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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Misc : 5.0mL/MSVOA_V/WATER
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Instrument : MSVOA_V
ClientSampleId : C0ML4

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

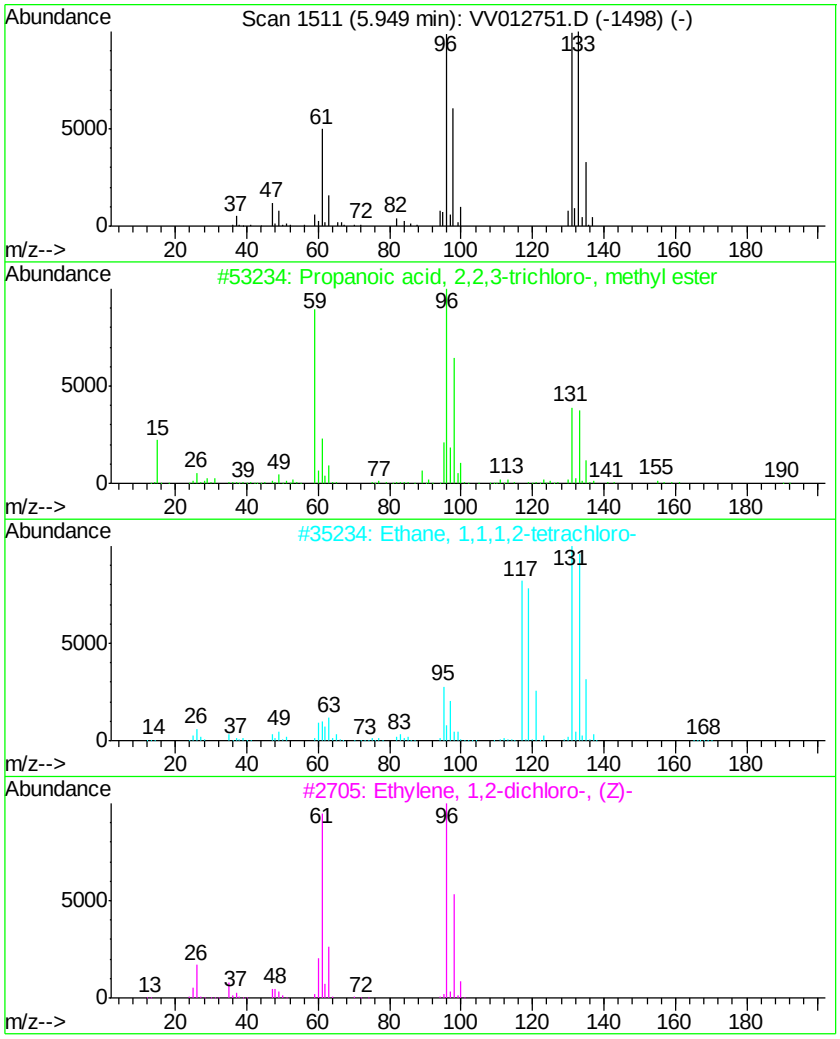
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

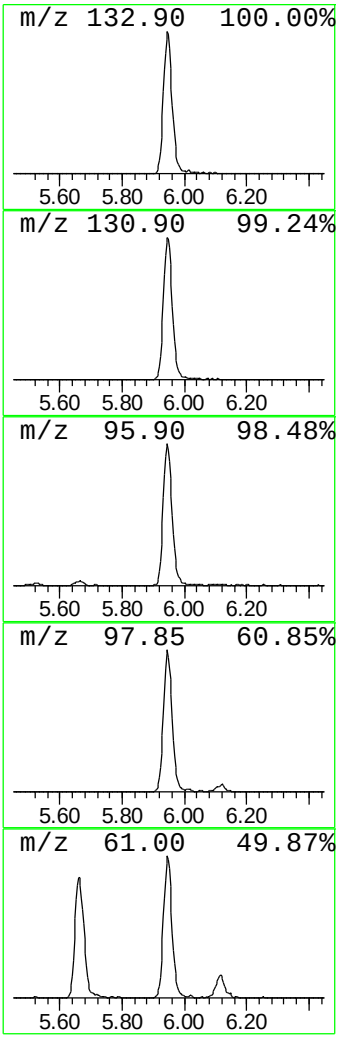
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	8.14 ug/L	262566	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	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	43
3	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	25
4	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	12
5	Furfural	96	C5H4O2	000098-01-1	9





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	8.1	ug/L	262566	1	5.66	1612300	50.0