LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101419\
Data File : VV013144.D
Acq On : 14 Oct 2019 16:27
Operator : SY/MD
Sample : K5347-13
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG2

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\SOMVLM101119WMA.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	1.225	39	42	47	rVB3	13893	9771	0.39%	0.052%
2	1.315	63	70	90	rVB	280072	300604	12.05%	1.612%
3	1.582	146	153	169	rVB	252738	293241	11.75%	1.573%
4	2.126	312	322	334	rBV	499731	691064	27.70%	3.706%
5	2.794	523	530	543	rVB8	4119	8314	0.33%	0.045%
6	3.061	610	613	617	rVB5	939	643	0.03%	0.003%
7	3.132	632	635	638	rBV5	930	543	0.02%	0.003%
8	3.161	641	644	647	rBV3	626	494	0.02%	0.003%
9	3.196	652	655	659	rVB3	584	483	0.02%	0.003%
10	3.222	660	663	666	rBV4	629	564	0.02%	0.003%
11	3.299	683	687	691	rVB4	841	754	0.03%	0.004%
12	3.331	691	697	699	rBV2	687	615	0.02%	0.003%
13	3.376	708	711	714	rVB2	819	488	0.02%	0.003%
14	3.527	756	758	764	rVB2	453	383	0.02%	0.002%
15	3.563	764	769	773	rBV3	553	556	0.02%	0.003%
16	3.646	792	795	797	rBV2	594	442	0.02%	0.002%
17	3.743	823	825	830	rVB2	779	544	0.02%	0.003%
18	3.772	830	834	839	rBV7	824	749	0.03%	0.004%
19	3.852	856	859	864	rBV3	432	415	0.02%	0.002%
20	3.971	881	896	947	rBV	109578	595374	23.87%	3.193%
21	4.399	1012	1029	1061	rBV	399060	1000648	40.11%	5.366%
22	4.701	1121	1123	1125	rBV4	633	421	0.02%	0.002%
23	4.878	1171	1178	1187	rVB7	1149	2177	0.09%	0.012%
24	4.913	1187	1189	1195	rVB4	588	446	0.02%	0.002%
25	5.003	1214	1217	1218	rBV	666	400	0.02%	0.002%
26	5.093	1226	1245	1275	rBV2	1014515	2494639	100.00%	13.378%
27	5.428	1346	1349	1352	rVV2	908	575	0.02%	0.003%
28	5.450	1352	1356	1362	rVB5	592	641	0.03%	0.003%
29	5.515	1368	1376	1378	rBV5	1220	1629	0.07%	0.009%
30	5.582	1395	1397	1403	rVB4	805	780	0.03%	0.004%
31	5.662	1403	1422	1453	rBV	833933	1656838	66.42%	8.885%
32	5.945	1495	1510	1528	rBV	81674	168692	6.76%	0.905%
33	6.116	1548	1563	1593	rBV	557555	1155709	46.33%	6.198%
34	6.360	1636	1639	1646	rVB5	752	669	0.03%	0.004%

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Instrument : MSVOA_V
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Title : VOC Analysis

35	6.434	1659	1662	1667	rVB5	667	544	0.02%	0.003%
36	6.508	1678	1685	1686	rBV2	967	633	0.03%	0.003%
37	6.572	1699	1705	1708	rBV5	652	659	0.03%	0.004%
38	6.611	1715	1717	1721	rVB3	812	509	0.02%	0.003%
39	6.656	1721	1731	1733	rBV6	2196	2660	0.11%	0.014%
40	6.878	1792	1800	1808	rBV4	637	977	0.04%	0.005%
41	7.029	1833	1847	1875	rBV	279618	514970	20.64%	2.762%
42	7.183	1889	1895	1899	rBV6	1746	1762	0.07%	0.009%
43	7.260	1916	1919	1921	rBV3	1332	879	0.04%	0.005%
44	7.283	1921	1926	1928	rVV3	1244	1346	0.05%	0.007%
45	7.357	1935	1949	1967	rBV	1060144	1838568	73.70%	9.859%
46	7.537	2003	2005	2010	rVB5	836	588	0.02%	0.003%
47	7.662	2030	2044	2064	rBV	196877	344320	13.80%	1.846%
48	7.871	2106	2109	2111	rBV2	750	539	0.02%	0.003%
49	7.936	2126	2129	2131	rVB3	772	404	0.02%	0.002%
50	7.977	2136	2142	2143	rBV2	1081	1028	0.04%	0.006%
51	8.019	2146	2155	2164	rVB4	12269	19847	0.80%	0.106%
52	8.077	2169	2173	2179	rBV5	758	675	0.03%	0.004%
53	8.138	2179	2192	2231	rBV2	539641	1272245	51.00%	6.822%
54	8.646	2344	2350	2351	rBV3	607	542	0.02%	0.003%
55	8.659	2351	2354	2355	rVV2	1250	733	0.03%	0.004%
56	8.691	2359	2364	2366	rVB5	646	514	0.02%	0.003%
57	8.756	2382	2384	2387	rVB2	685	378	0.02%	0.002%
58	8.778	2387	2391	2393	rBV2	749	582	0.02%	0.003%
59	8.810	2398	2401	2407	rVB4	678	786	0.03%	0.004%
60	8.894	2413	2427	2454	rBV	1171898	1934850	77.56%	10.376%
61	9.055	2472	2477	2485	rVB4	5983	7866	0.32%	0.042%
62	9.100	2489	2491	2497	rBV6	558	447	0.02%	0.002%
63	9.183	2508	2517	2526	rBV4	6549	10785	0.43%	0.058%
64	9.260	2539	2541	2544	rBV3	625	447	0.02%	0.002%
65	9.392	2579	2582	2587	rVB4	538	514	0.02%	0.003%
66	9.437	2594	2596	2602	rVB2	716	737	0.03%	0.004%
67	9.588	2635	2643	2646	rBV3	6736	8891	0.36%	0.048%
68	9.723	2682	2685	2688	rVB3	748	429	0.02%	0.002%
69	9.762	2692	2697	2699	rBV4	971	944	0.04%	0.005%
70	9.852	2720	2725	2729	rBV3	734	730	0.03%	0.004%
71	9.884	2732	2735	2738	rVV3	754	463	0.02%	0.002%

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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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Title : VOC Analysis

72	9.903	2738	2741	2744	rVB4	757	433	0.02%	0.002%
73	9.977	2756	2764	2776	rVB4	5195	8240	0.33%	0.044%
74	10.035	2779	2782	2786	rVB2	809	663	0.03%	0.004%
75	10.080	2786	2796	2806	rBV10	3610	8794	0.35%	0.047%
76	10.257	2839	2851	2866	rBV	681044	1059209	42.46%	5.680%
77	10.421	2894	2902	2906	rBV5	2371	2902	0.12%	0.016%
78	10.479	2917	2920	2922	rVV3	646	416	0.02%	0.002%
79	10.579	2944	2951	2960	rBV4	4860	6410	0.26%	0.034%
80	10.659	2974	2976	2983	rVB4	592	655	0.03%	0.004%
81	10.897	3048	3050	3055	rVB2	559	416	0.02%	0.002%
82	10.958	3059	3069	3083	rBV2	6289	10644	0.43%	0.057%
83	11.100	3111	3113	3116	rBV	875	564	0.02%	0.003%
84	11.225	3142	3152	3161	rVV3	9993	16023	0.64%	0.086%
85	11.292	3161	3173	3196	rVV	931808	1477419	59.22%	7.923%
86	11.524	3242	3245	3246	rBV	792	408	0.02%	0.002%
87	11.579	3251	3262	3276	rBV4	10989	21402	0.86%	0.115%
88	11.669	3277	3290	3311	rVV	982250	1566246	62.78%	8.399%
89	11.874	3351	3354	3360	rBV5	820	775	0.03%	0.004%
90	11.945	3373	3376	3380	rBV3	932	756	0.03%	0.004%
91	12.183	3444	3450	3454	rBV4	506	597	0.02%	0.003%
92	12.476	3535	3541	3551	rVB8	1571	2649	0.11%	0.014%
93	12.691	3599	3608	3621	rVB5	9803	17072	0.68%	0.092%
94	12.775	3629	3634	3635	rBV3	715	640	0.03%	0.003%
95	12.897	3669	3672	3676	rBV4	838	723	0.03%	0.004%
96	12.948	3685	3688	3690	rBV	665	392	0.02%	0.002%
97	13.308	3790	3800	3812	rBV4	12296	20870	0.84%	0.112%
98	13.553	3866	3876	3889	rBV	20708	35622	1.43%	0.191%
99	13.791	3942	3950	3961	rVB3	14300	21573	0.86%	0.116%
100	14.006	4009	4017	4020	rBV3	985	1345	0.05%	0.007%

Sum of corrected areas: 18647954

LSC Report - Integrated Chromatogram

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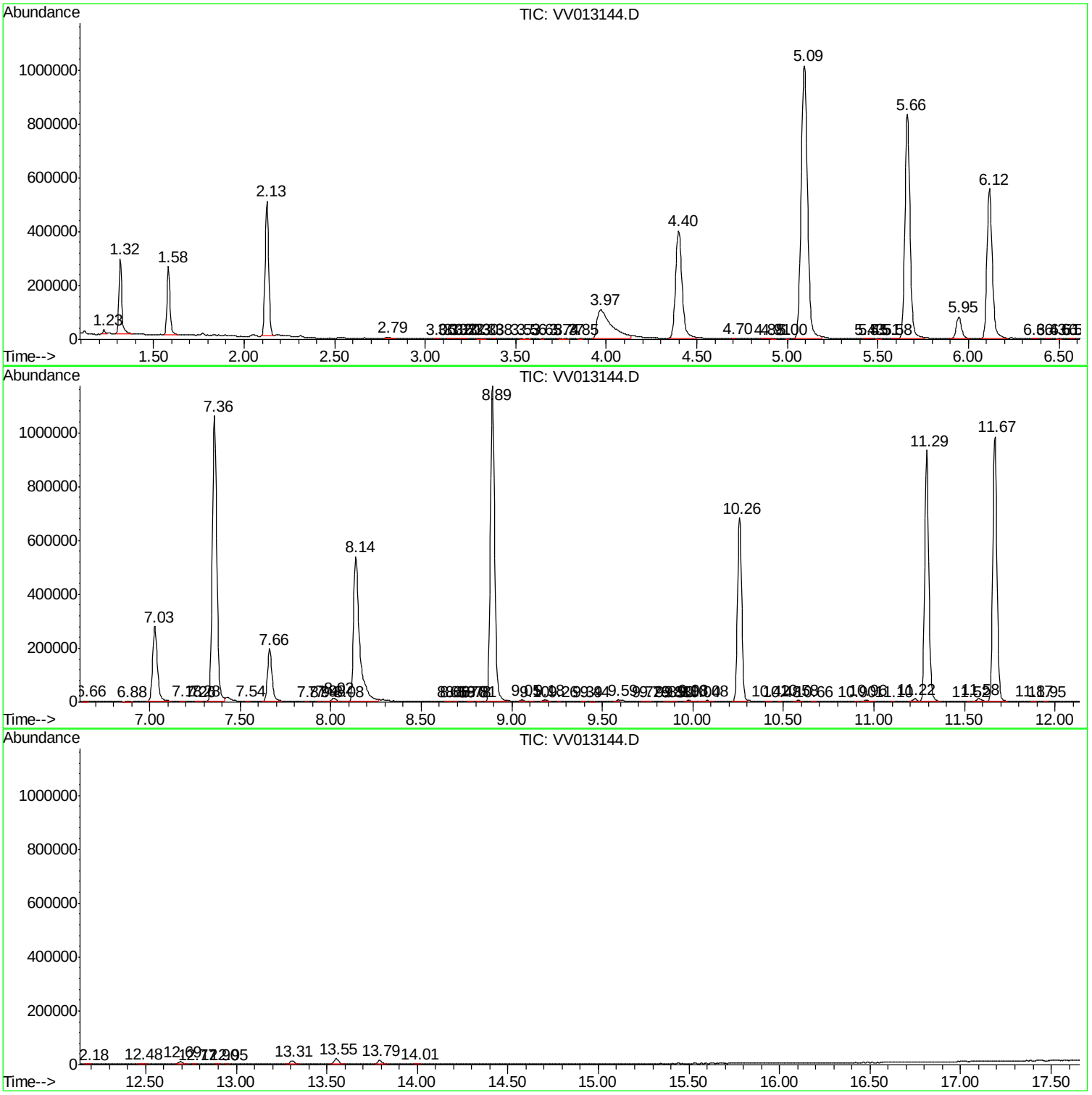
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.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\VV101419\
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Instrument : MSVOA_V
ClientSampleId : C0AG2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Quant Title : VOC Analysis

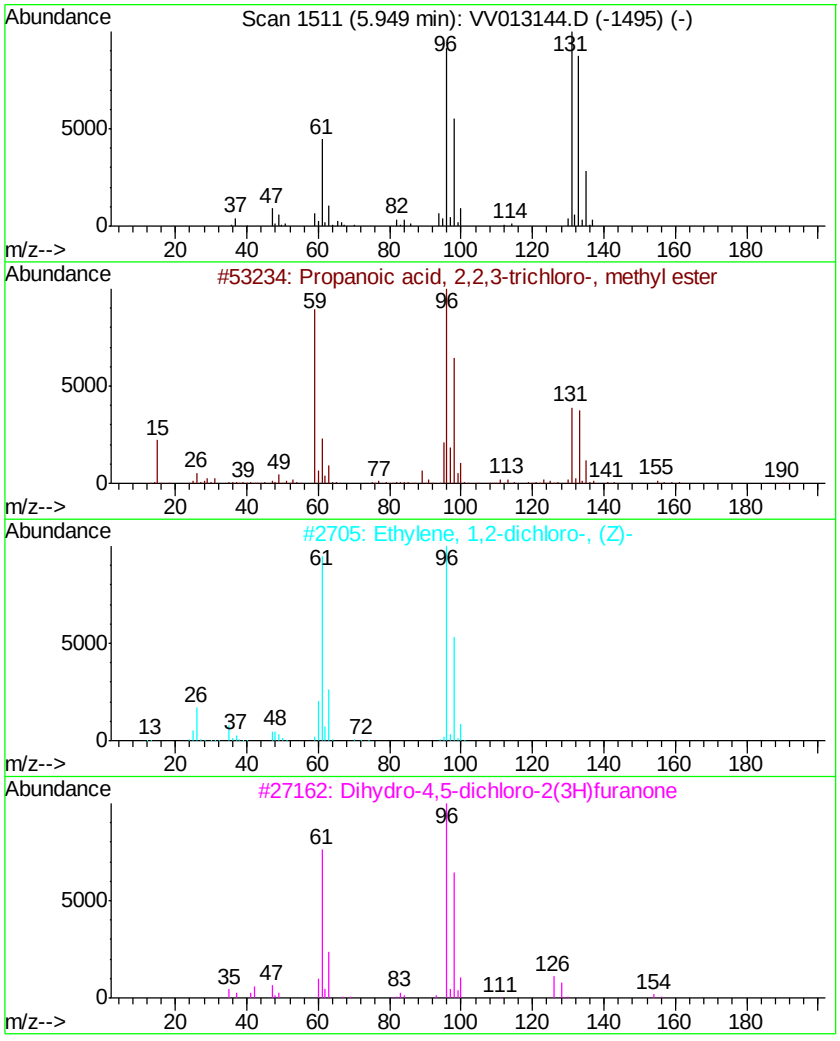
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

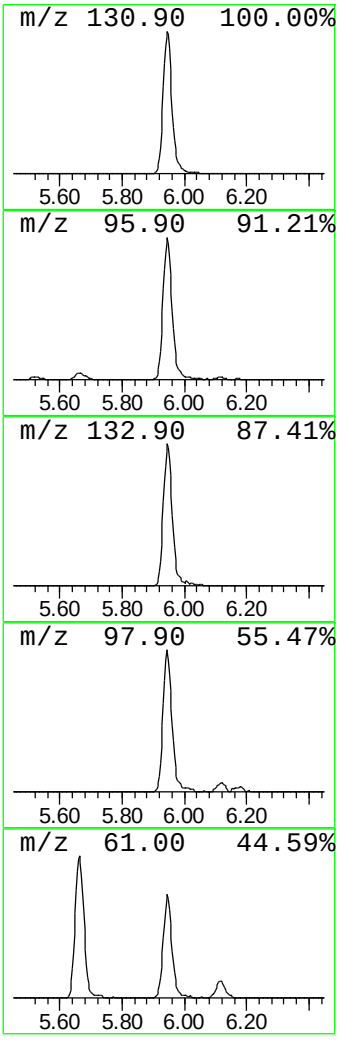
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	5.09 ug/L	168692	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	41
3	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	17
4	Benzonitrile, 4-methoxy-	133	C8H7NO	000874-90-8	9
5	4(1H)-Pyrimidinone	96	C4H4N2O	004562-27-0	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	5.1	ug/L	168692	1	5.66	1656840	50.0