LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121219\
Data File : VV014037.D
Acq On : 12 Dec 2019 17:27
Operator : SY/MD
Sample : K6280-06
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFF38

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\SOMVLM120219WMA.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	1.315	65	70	81	rVB	302449	291359	12.67%	1.751%
2	1.569	143	149	163	rVB	288526	328104	14.27%	1.972%
3	2.126	313	322	336	rVB	518826	717239	31.18%	4.311%
4	2.428	413	416	418	rBV4	1438	932	0.04%	0.006%
5	2.663	487	489	491	rBV3	1304	471	0.02%	0.003%
6	2.695	497	499	501	rBV3	1210	679	0.03%	0.004%
7	2.846	541	546	549	rBV6	1302	1518	0.07%	0.009%
8	2.901	561	563	567	rBV5	1743	1047	0.05%	0.006%
9	2.955	578	580	582	rBV3	763	373	0.02%	0.002%
10	2.965	582	583	584	rBV	1186	388	0.02%	0.002%
11	3.084	618	620	622	rBV2	967	432	0.02%	0.003%
12	3.161	641	644	647	rBV4	934	593	0.03%	0.004%
13	3.177	647	649	652	rBV4	1120	748	0.03%	0.004%
14	3.264	674	676	679	rVB2	1256	696	0.03%	0.004%
15	3.286	679	683	684	rBV4	1125	860	0.04%	0.005%
16	3.299	684	687	689	rVV3	1386	612	0.03%	0.004%
17	3.405	717	720	722	rBV3	1796	1109	0.05%	0.007%
18	3.431	726	728	730	rBV3	1008	559	0.02%	0.003%
19	3.495	745	748	751	rVB4	1328	613	0.03%	0.004%
20	3.521	751	756	761	rVB8	1629	1852	0.08%	0.011%
21	3.550	761	765	767	rBV4	1298	1005	0.04%	0.006%
22	3.573	770	772	775	rBV4	647	419	0.02%	0.003%
23	3.585	775	776	780	rBV4	873	498	0.02%	0.003%
24	3.621	785	787	790	rBV3	1407	915	0.04%	0.006%
25	3.688	806	808	811	rBV3	1779	1095	0.05%	0.007%
26	3.708	812	814	817	rVB4	945	394	0.02%	0.002%
27	3.720	817	818	820	rBV2	538	221	0.01%	0.001%
28	3.759	826	830	832	rBV4	1824	1227	0.05%	0.007%
29	3.920	869	880	909	rBV	164939	453784	19.73%	2.728%
30	4.392	1013	1027	1057	rVB	380569	909905	39.56%	5.469%
31	4.634	1091	1102	1104	rBV8	2218	3172	0.14%	0.019%
32	4.708	1122	1125	1128	rBV4	1562	1122	0.05%	0.007%
33	4.762	1140	1142	1144	rBV2	820	355	0.02%	0.002%
34	4.778	1144	1147	1149	rBV3	1426	747	0.03%	0.004%

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ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFF38

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Title : VOC Analysis

35	4.910	1186	1188	1189	rBV	1149	443	0.02%	0.003%
36	5.090	1223	1244	1274	rBV2	898635	2300040	100.00%	13.826%
37	5.434	1349	1351	1353	rBV3	2235	1003	0.04%	0.006%
38	5.492	1366	1369	1371	rBV4	1831	1059	0.05%	0.006%
39	5.659	1407	1421	1448	rBV	746190	1501432	65.28%	9.025%
40	5.942	1498	1509	1530	rVB2	58589	123832	5.38%	0.744%
41	6.109	1549	1561	1585	rBV	528109	1056973	45.95%	6.354%
42	6.527	1688	1691	1693	rBV3	1959	1477	0.06%	0.009%
43	6.650	1721	1729	1734	rBV9	4598	8223	0.36%	0.049%
44	6.846	1787	1790	1792	rBV3	1409	1023	0.04%	0.006%
45	6.881	1799	1801	1803	rBV2	1122	386	0.02%	0.002%
46	6.910	1808	1810	1819	rVB8	1593	1713	0.07%	0.010%
47	6.971	1826	1829	1832	rBV4	2247	1274	0.06%	0.008%
48	7.026	1834	1846	1868	rVV	252587	451488	19.63%	2.714%
49	7.354	1935	1948	1969	rBV	1000209	1713623	74.50%	10.301%
50	7.659	2033	2043	2059	rBV	176681	297618	12.94%	1.789%
51	7.801	2085	2087	2088	rBV2	1181	544	0.02%	0.003%
52	7.810	2088	2090	2093	rVB4	2002	908	0.04%	0.005%
53	8.019	2149	2155	2157	rBV6	2223	2464	0.11%	0.015%
54	8.129	2178	2189	2223	rBV2	440234	989381	43.02%	5.947%
55	8.627	2341	2344	2345	rBV2	1716	1070	0.05%	0.006%
56	8.891	2414	2426	2450	rBV	1103017	1781579	77.46%	10.709%
57	9.235	2530	2533	2535	rBV4	1487	1000	0.04%	0.006%
58	9.302	2552	2554	2556	rBV3	909	344	0.01%	0.002%
59	9.447	2597	2599	2600	rVB2	1023	330	0.01%	0.002%
60	9.457	2600	2602	2605	rBV4	1285	951	0.04%	0.006%
61	9.582	2638	2641	2646	rVB7	2025	1452	0.06%	0.009%
62	9.682	2670	2672	2677	rVB5	1254	905	0.04%	0.005%
63	9.723	2683	2685	2687	rBV3	804	283	0.01%	0.002%
64	9.768	2697	2699	2703	rVB4	966	676	0.03%	0.004%
65	9.788	2703	2705	2709	rBV3	1616	1161	0.05%	0.007%
66	9.884	2732	2735	2738	rBV4	2472	1961	0.09%	0.012%
67	9.907	2738	2742	2744	rVV4	1377	894	0.04%	0.005%
68	9.955	2755	2757	2759	rBV3	1238	689	0.03%	0.004%
69	10.061	2786	2790	2792	rVB4	1012	679	0.03%	0.004%
70	10.151	2816	2818	2820	rVB3	1039	397	0.02%	0.002%
71	10.183	2823	2828	2830	rBV6	1403	1171	0.05%	0.007%

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ALS Vial : 14 Sample Multiplier: 1

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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\SOMVLM120219WMA.M
Title : VOC Analysis

72	10.254	2835	2850	2867	rBV	630792	1010029	43.91%	6.071%
73	10.415	2898	2900	2901	rBV2	2744	1183	0.05%	0.007%
74	10.453	2909	2912	2914	rBV4	1395	642	0.03%	0.004%
75	10.550	2936	2942	2943	rBV4	1890	1898	0.08%	0.011%
76	10.678	2980	2982	2985	rBV2	1508	1168	0.05%	0.007%
77	10.707	2989	2991	2995	rVV2	2019	1197	0.05%	0.007%
78	10.730	2996	2998	3003	rVB4	1791	1304	0.06%	0.008%
79	10.752	3003	3005	3008	rBV3	1024	645	0.03%	0.004%
80	10.781	3011	3014	3016	rBV2	1017	677	0.03%	0.004%
81	10.929	3059	3060	3061	rBV	637	207	0.01%	0.001%
82	10.945	3062	3065	3066	rVV3	954	562	0.02%	0.003%
83	11.035	3089	3093	3094	rBV4	1029	698	0.03%	0.004%
84	11.067	3099	3103	3104	rBV2	945	608	0.03%	0.004%
85	11.125	3117	3121	3124	rBV3	2150	1364	0.06%	0.008%
86	11.180	3136	3138	3139	rBV2	1060	489	0.02%	0.003%
87	11.222	3149	3151	3153	rBV2	1364	858	0.04%	0.005%
88	11.289	3161	3172	3188	rBV	841625	1288905	56.04%	7.748%
89	11.665	3277	3289	3311	rBV	834705	1334657	58.03%	8.023%
90	12.235	3465	3466	3468	rBV2	1161	469	0.02%	0.003%
91	12.289	3481	3483	3486	rBV3	1364	872	0.04%	0.005%
92	12.363	3504	3506	3509	rVB3	1854	787	0.03%	0.005%
93	12.624	3584	3587	3588	rBV3	1375	667	0.03%	0.004%
94	12.836	3648	3653	3656	rBV5	2053	1857	0.08%	0.011%
95	12.858	3659	3660	3663	rBV4	949	486	0.02%	0.003%
96	12.971	3689	3695	3697	rBV6	2014	2142	0.09%	0.013%
97	13.196	3762	3765	3768	rBV4	2128	1308	0.06%	0.008%
98	13.530	3867	3869	3872	rBV3	2534	1454	0.06%	0.009%
99	13.572	3878	3882	3883	rBV4	2176	1601	0.07%	0.010%
100	14.495	4165	4169	4170	rBV3	2663	1832	0.08%	0.011%

Sum of corrected areas: 16636055

LSC Report - Integrated Chromatogram

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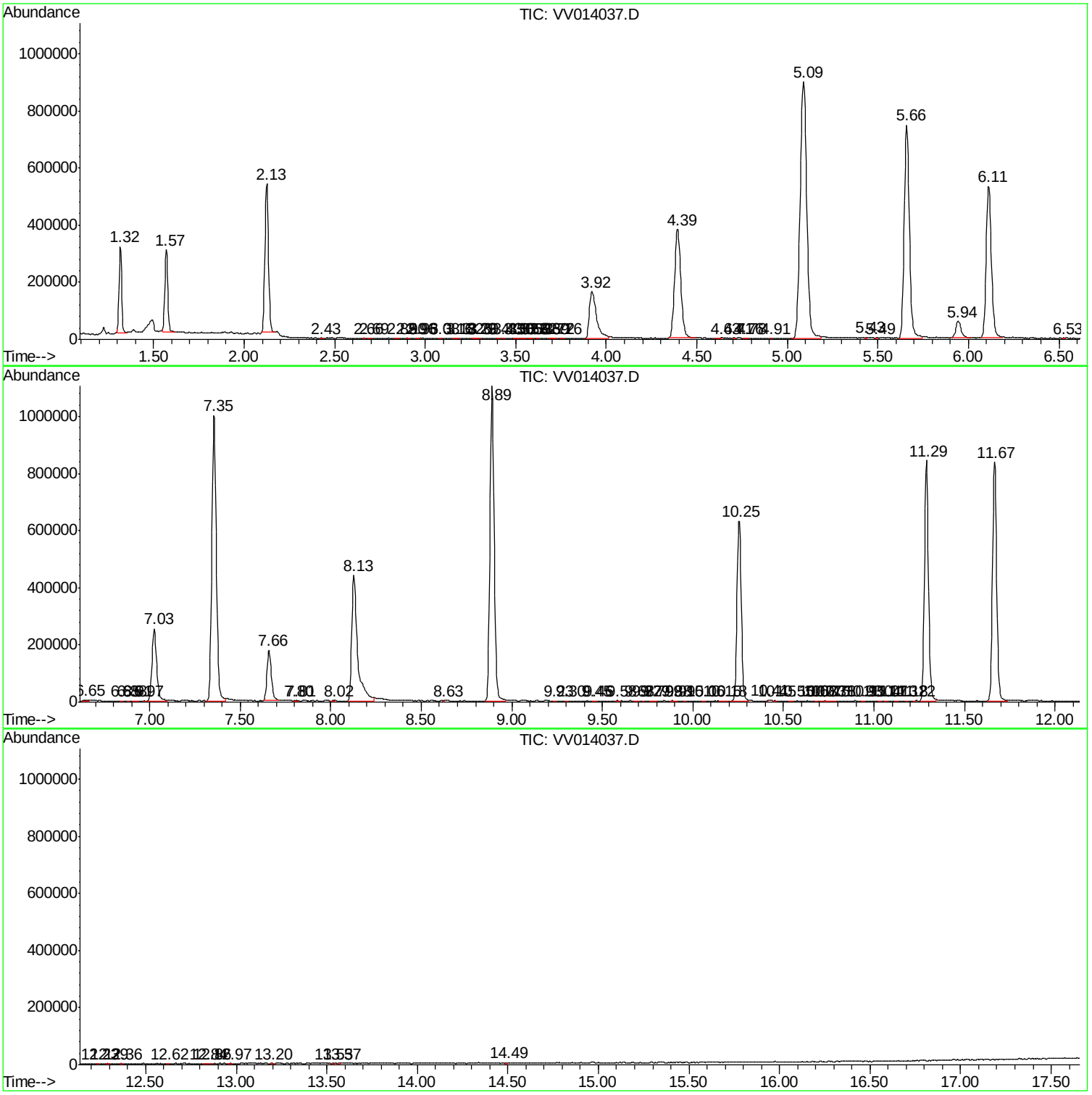
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFF38

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.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\VV121219\
Data File : VV014037.D
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Operator : SY/MD
Sample : K6280-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFF38

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

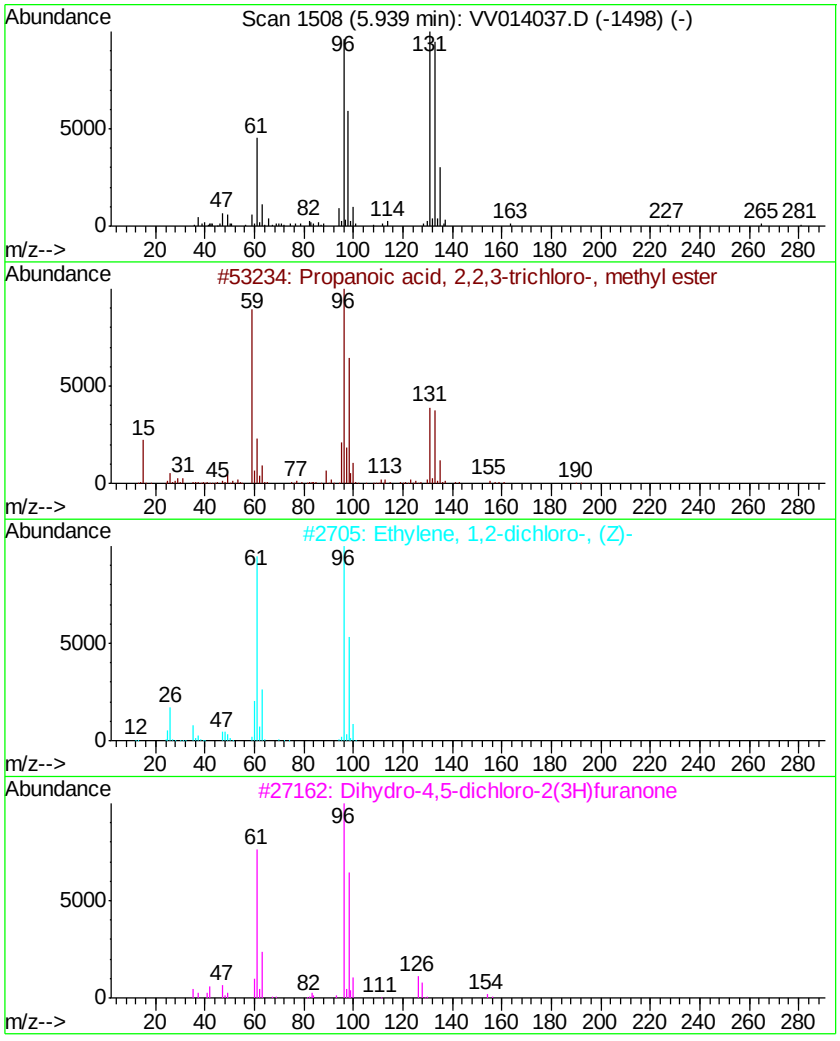
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

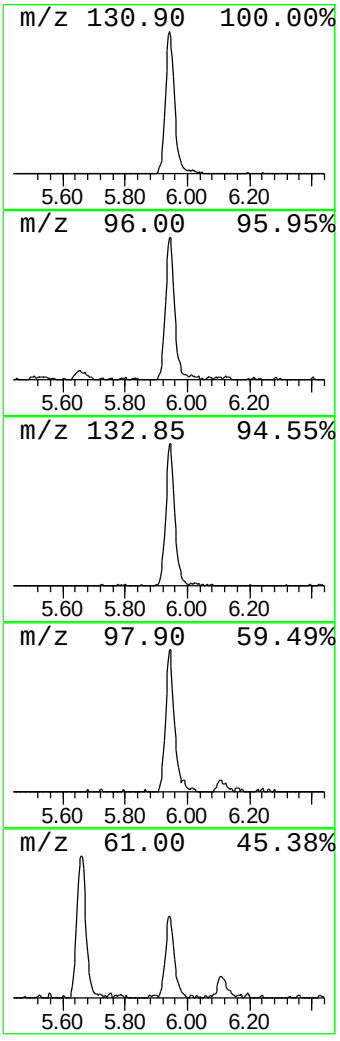
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	4.12 ug/L	123832	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	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
4	Clorethate	322	C5H4Cl6O3	005634-37-7	25
5	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	23





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...	5.94	4.1	ug/L	123832	1	5.66	1501430	50.0