LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120619\
Data File : VV013948.D
Acq On : 06 Dec 2019 19:10
Operator : SY/MD
Sample : K6170-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0BW3

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	1.319	65	71	85	rVB	302614	293710	14.99%	1.959%
2	1.560	140	146	159	rVB	281791	336272	17.16%	2.243%
3	2.122	313	321	335	rVB	562113	784078	40.02%	5.229%
4	2.393	403	405	407	rBV3	1156	563	0.03%	0.004%
5	2.769	519	522	523	rBV	1328	580	0.03%	0.004%
6	2.827	538	540	543	rBV3	1292	671	0.03%	0.004%
7	2.881	554	557	560	rBV3	897	589	0.03%	0.004%
8	2.910	560	566	569	rVV6	1261	1316	0.07%	0.009%
9	2.965	580	583	585	rBV4	1654	1013	0.05%	0.007%
10	2.994	589	592	593	rBV3	1264	672	0.03%	0.004%
11	3.135	633	636	640	rBV4	1180	832	0.04%	0.006%
12	3.155	640	642	643	rVV3	1554	732	0.04%	0.005%
13	3.203	653	657	660	rBV5	1309	1061	0.05%	0.007%
14	3.222	660	663	666	rVV3	1592	1125	0.06%	0.008%
15	3.241	667	669	673	rVB4	1351	795	0.04%	0.005%
16	3.293	683	685	688	rBV4	942	677	0.03%	0.005%
17	3.315	688	692	697	rVV6	871	940	0.05%	0.006%
18	3.479	740	743	746	rVB4	1520	929	0.05%	0.006%
19	3.515	750	754	756	rBV4	1353	1076	0.05%	0.007%
20	3.688	805	808	810	rBV4	1208	683	0.03%	0.005%
21	3.769	830	833	834	rBV4	1033	568	0.03%	0.004%
22	3.827	848	851	854	rBV3	1157	880	0.04%	0.006%
23	3.923	867	881	913	rBV2	139751	388243	19.82%	2.589%
24	4.302	996	999	1004	rBV5	1761	1344	0.07%	0.009%
25	4.328	1005	1007	1009	rVB3	1403	527	0.03%	0.004%
26	4.396	1009	1028	1052	rBV	336530	811868	41.44%	5.415%
27	4.540	1071	1073	1075	rBV2	1374	966	0.05%	0.006%
28	4.637	1101	1103	1106	rVB3	1292	540	0.03%	0.004%
29	4.753	1135	1139	1142	rVB5	1332	853	0.04%	0.006%
30	4.878	1174	1178	1180	rBV3	1032	853	0.04%	0.006%
31	4.923	1188	1192	1196	rBV5	946	717	0.04%	0.005%
32	4.987	1208	1212	1219	rVB9	1166	1476	0.08%	0.010%
33	5.090	1222	1244	1273	rBV2	773247	1959198	100.00%	13.067%
34	5.499	1368	1371	1373	rBV4	1823	999	0.05%	0.007%

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ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0BW3

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\SOMVLM120219WMA.M
Title : VOC Analysis

35	5.511	1373	1375	1377	rBV3	1612	834	0.04%	0.006%
36	5.582	1395	1397	1398	rBV2	1294	714	0.04%	0.005%
37	5.659	1408	1421	1442	rBV	657575	1313763	67.06%	8.762%
38	5.942	1498	1509	1526	rBV2	37963	82179	4.19%	0.548%
39	6.109	1548	1561	1586	rBV	453353	893459	45.60%	5.959%
40	6.428	1658	1660	1661	rBV2	1211	566	0.03%	0.004%
41	6.489	1676	1679	1682	rBV4	1394	888	0.05%	0.006%
42	6.505	1682	1684	1686	rBV4	989	506	0.03%	0.003%
43	6.653	1723	1730	1735	rBV9	3280	4757	0.24%	0.032%
44	6.859	1788	1794	1799	rBV8	1470	1888	0.10%	0.013%
45	6.939	1814	1819	1820	rBV4	1118	831	0.04%	0.006%
46	7.023	1832	1845	1867	rBV	222290	404585	20.65%	2.698%
47	7.354	1935	1948	1970	rBV	890645	1533995	78.30%	10.231%
48	7.659	2029	2043	2059	rBV	153419	269111	13.74%	1.795%
49	7.781	2078	2081	2082	rBV3	1302	834	0.04%	0.006%
50	7.891	2113	2115	2117	rBV3	1352	724	0.04%	0.005%
51	8.087	2174	2176	2177	rBV2	1134	520	0.03%	0.003%
52	8.129	2177	2189	2225	rVV2	401820	879044	44.87%	5.863%
53	8.791	2392	2395	2398	rBV4	1432	1068	0.05%	0.007%
54	8.839	2405	2410	2412	rBV4	639	709	0.04%	0.005%
55	8.891	2414	2426	2450	rBV	999479	1628752	83.13%	10.863%
56	9.164	2508	2511	2513	rBV4	1645	925	0.05%	0.006%
57	9.302	2552	2554	2556	rBV3	1057	504	0.03%	0.003%
58	9.418	2588	2590	2592	rBV2	897	495	0.03%	0.003%
59	9.492	2611	2613	2617	rVB4	1611	712	0.04%	0.005%
60	9.514	2617	2620	2623	rBV4	1234	1059	0.05%	0.007%
61	9.768	2694	2699	2701	rBV4	900	718	0.04%	0.005%
62	9.961	2750	2759	2763	rBV9	1116	1844	0.09%	0.012%
63	9.981	2763	2765	2767	rBV2	1183	809	0.04%	0.005%
64	10.003	2770	2772	2774	rBV3	967	583	0.03%	0.004%
65	10.068	2788	2792	2795	rBV3	1516	1079	0.06%	0.007%
66	10.093	2798	2800	2803	rBV3	1082	698	0.04%	0.005%
67	10.113	2803	2806	2808	rBV3	937	652	0.03%	0.004%
68	10.170	2821	2824	2828	rBV3	1892	1573	0.08%	0.010%
69	10.254	2838	2850	2866	rBV	567177	904659	46.17%	6.033%
70	10.408	2896	2898	2899	rBV3	1407	591	0.03%	0.004%
71	10.543	2938	2940	2944	rVV5	1421	819	0.04%	0.005%

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ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0BW3

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

72	10.576	2946	2950	2954	rBV5	1128	1317	0.07%	0.009%
73	10.621	2961	2964	2967	rVB2	755	571	0.03%	0.004%
74	10.640	2967	2970	2973	rBV4	1215	804	0.04%	0.005%
75	10.678	2978	2982	2986	rBV4	1419	1064	0.05%	0.007%
76	10.711	2989	2992	2994	rBV2	964	532	0.03%	0.004%
77	10.762	3004	3008	3011	rBV4	1468	1267	0.06%	0.008%
78	10.961	3066	3070	3073	rBV5	1379	1009	0.05%	0.007%
79	11.013	3084	3086	3089	rBV3	1592	940	0.05%	0.006%
80	11.074	3101	3105	3107	rBV4	1221	1172	0.06%	0.008%
81	11.145	3124	3127	3132	rVB5	902	658	0.03%	0.004%
82	11.167	3132	3134	3136	rBV3	1360	684	0.03%	0.005%
83	11.289	3160	3172	3191	rBV	771871	1221911	62.37%	8.149%
84	11.666	3278	3289	3306	rBV	768478	1212243	61.87%	8.085%
85	11.945	3373	3376	3379	rBV4	1913	1183	0.06%	0.008%
86	12.032	3400	3403	3404	rBV2	1042	605	0.03%	0.004%
87	12.254	3470	3472	3473	rBV2	1381	668	0.03%	0.004%
88	12.334	3494	3497	3498	rBV2	1223	599	0.03%	0.004%
89	12.383	3509	3512	3516	rBV4	1230	892	0.05%	0.006%
90	12.450	3528	3533	3536	rBV4	1797	1299	0.07%	0.009%
91	12.582	3572	3574	3578	rVB4	1289	856	0.04%	0.006%
92	12.608	3578	3582	3584	rBV3	1552	1067	0.05%	0.007%
93	12.784	3634	3637	3639	rVB3	1533	849	0.04%	0.006%
94	12.797	3639	3641	3644	rBV2	910	669	0.03%	0.004%
95	12.919	3674	3679	3681	rBV4	1688	1551	0.08%	0.010%
96	13.080	3726	3729	3732	rBV2	1424	1092	0.06%	0.007%
97	13.215	3769	3771	3776	rBV5	1048	873	0.04%	0.006%
98	13.289	3793	3794	3796	rBV2	1253	631	0.03%	0.004%
99	13.945	3995	3998	4001	rBV4	1980	1493	0.08%	0.010%
100	14.112	4047	4050	4051	rBV2	1407	746	0.04%	0.005%

Sum of corrected areas: 14994038

LSC Report - Integrated Chromatogram

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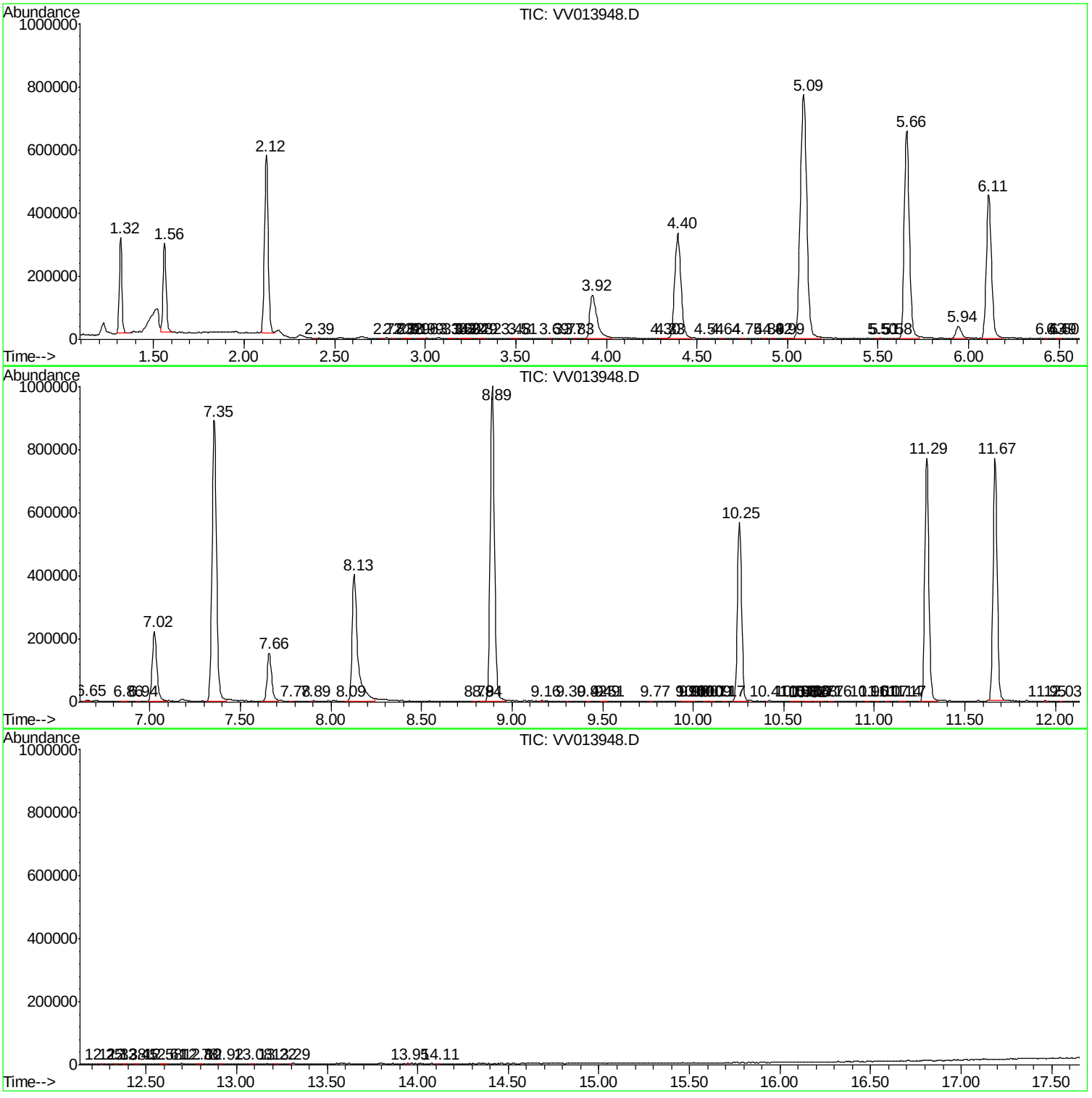
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0BW3

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\VV120619\
Data File : VV013948.D
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Operator : SY/MD
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0BW3

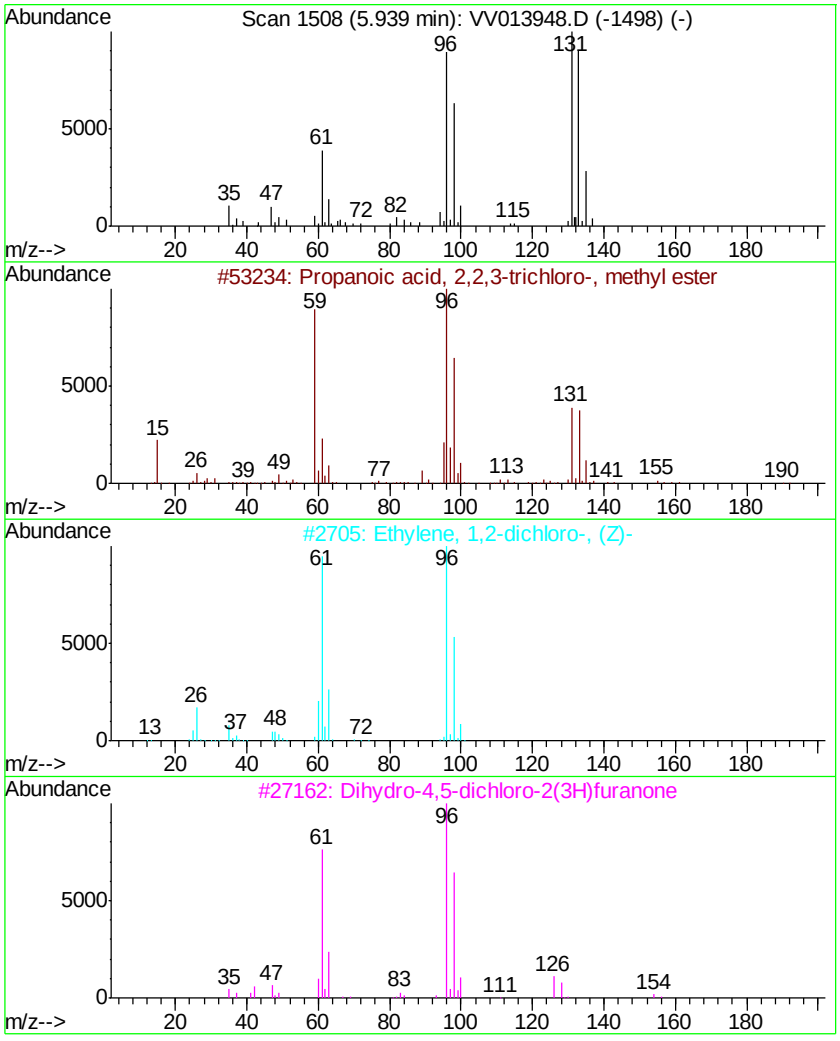
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

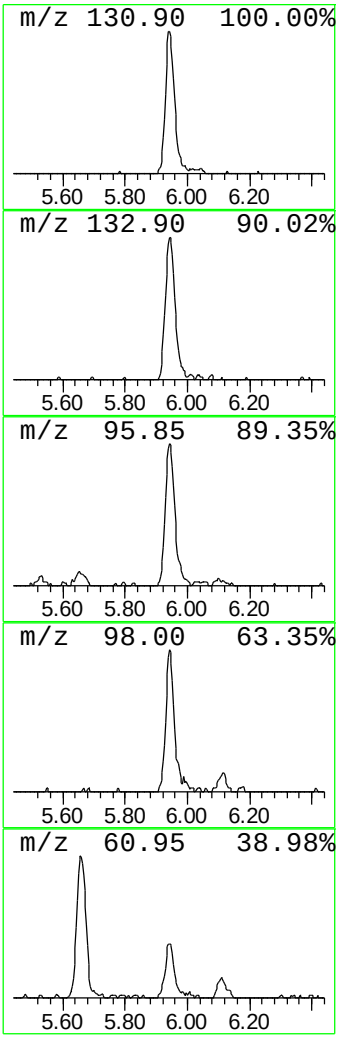
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	3.13 ug/L	82179	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	50
2	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	46
3	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
4	Benzonitrile, 4-methoxy-	133	C8H7NO	000874-90-8	9
5	5-Aminoindazole	133	C7H7N3	019335-11-6	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...	5.94	3.1	ug/L	82179	1	5.66	1313760	50.0