LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120319\
Data File : VV013890.D
Acq On : 03 Dec 2019 13:50
Operator : SY/MD
Sample : K6086-06
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFLZ1

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	1.222	33	41	47	rBV2	40500	62093	2.37%	0.314%
2	1.319	63	71	81	rBV	316108	315463	12.04%	1.597%
3	1.573	143	150	164	rVB	331570	385599	14.72%	1.952%
4	2.126	312	322	335	rBV	651798	921865	35.19%	4.667%
5	2.306	370	378	389	rVB3	13356	24323	0.93%	0.123%
6	2.659	478	488	506	rVB3	13867	30325	1.16%	0.154%
7	2.891	559	560	564	rVB4	1689	1027	0.04%	0.005%
8	2.913	564	567	571	rBV5	2017	1785	0.07%	0.009%
9	2.987	587	590	592	rBV3	1164	838	0.03%	0.004%
10	3.000	592	594	598	rVB4	1846	1179	0.05%	0.006%
11	3.090	618	622	625	rVB5	1383	1052	0.04%	0.005%
12	3.132	632	635	638	rVB3	1534	929	0.04%	0.005%
13	3.151	638	641	644	rBV3	1229	1013	0.04%	0.005%
14	3.187	648	652	654	rBV4	1405	841	0.03%	0.004%
15	3.216	658	661	663	rBV3	1371	1012	0.04%	0.005%
16	3.229	663	665	670	rVB5	991	843	0.03%	0.004%
17	3.325	692	695	699	rBV4	1225	1020	0.04%	0.005%
18	3.373	707	710	713	rBV5	1174	915	0.03%	0.005%
19	3.421	718	725	729	rBV7	1826	2477	0.09%	0.013%
20	3.592	773	778	781	rVB5	2212	1798	0.07%	0.009%
21	3.614	781	785	788	rBV6	2191	1728	0.07%	0.009%
22	3.659	795	799	801	rVB3	1609	1299	0.05%	0.007%
23	3.685	801	807	810	rBV6	1956	1888	0.07%	0.010%
24	3.778	834	836	838	rBV3	1547	846	0.03%	0.004%
25	3.920	868	880	905	rBV	211002	558518	21.32%	2.828%
26	4.396	1010	1028	1059	rVV	450854	1085246	41.43%	5.495%
27	4.592	1087	1089	1093	rBV5	1547	1088	0.04%	0.006%
28	4.653	1105	1108	1111	rVB4	1593	1104	0.04%	0.006%
29	4.679	1111	1116	1118	rBV5	1328	1140	0.04%	0.006%
30	5.090	1222	1244	1266	rBV2	1034063	2619731	100.00%	13.264%
31	5.318	1313	1315	1322	rVB7	1736	1603	0.06%	0.008%
32	5.441	1350	1353	1357	rVB6	2301	1537	0.06%	0.008%
33	5.595	1397	1401	1405	rBV6	1357	1639	0.06%	0.008%
34	5.659	1407	1421	1444	rVV	675329	1310788	50.04%	6.637%

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Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFLZ1

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	5.945	1497	1510	1525	rVV2	38393	81854	3.12%	0.414%
36	6.113	1547	1562	1585	rBV	617602	1243283	47.46%	6.295%
37	6.331	1628	1630	1633	rVB4	2949	1712	0.07%	0.009%
38	6.431	1657	1661	1662	rBV3	2882	1810	0.07%	0.009%
39	6.907	1804	1809	1811	rVB5	1361	1028	0.04%	0.005%
40	6.926	1811	1815	1820	rBV8	1787	1873	0.07%	0.009%
41	6.981	1829	1832	1833	rBV3	1709	963	0.04%	0.005%
42	7.023	1834	1845	1861	rBV	322170	568764	21.71%	2.880%
43	7.357	1935	1949	1967	rBV	1262743	2184678	83.39%	11.061%
44	7.624	2029	2032	2033	rBV3	1824	957	0.04%	0.005%
45	7.659	2033	2043	2066	rVV	260934	427782	16.33%	2.166%
46	7.926	2122	2126	2129	rVB5	1453	1033	0.04%	0.005%
47	8.003	2147	2150	2153	rBV4	2794	2277	0.09%	0.012%
48	8.125	2177	2188	2218	rBV2	706232	1393168	53.18%	7.054%
49	8.386	2267	2269	2272	rVB3	1920	983	0.04%	0.005%
50	8.630	2341	2345	2348	rBV5	2559	2356	0.09%	0.012%
51	8.891	2413	2426	2444	rVV	1074706	1723128	65.77%	8.724%
52	9.042	2470	2473	2475	rBV4	1721	1196	0.05%	0.006%
53	9.222	2525	2529	2530	rBV3	1896	1240	0.05%	0.006%
54	9.482	2608	2610	2614	rBV4	1684	1244	0.05%	0.006%
55	9.582	2639	2641	2646	rVB5	2534	2088	0.08%	0.011%
56	9.759	2694	2696	2700	rBV4	1192	1108	0.04%	0.006%
57	9.785	2700	2704	2707	rVV4	1395	1370	0.05%	0.007%
58	9.894	2735	2738	2741	rBV3	1667	1444	0.06%	0.007%
59	9.945	2752	2754	2759	rVB4	1710	1039	0.04%	0.005%
60	10.122	2806	2809	2814	rVB7	2268	1817	0.07%	0.009%
61	10.254	2839	2850	2866	rBV	913284	1412341	53.91%	7.151%
62	10.675	2978	2981	2983	rBV4	1459	952	0.04%	0.005%
63	10.858	3035	3038	3043	rBV7	1658	1493	0.06%	0.008%
64	10.955	3065	3068	3069	rBV3	1340	867	0.03%	0.004%
65	11.003	3079	3083	3087	rBV5	1905	1453	0.06%	0.007%
66	11.067	3096	3103	3106	rBV8	1571	2423	0.09%	0.012%
67	11.170	3132	3135	3136	rBV2	1580	992	0.04%	0.005%
68	11.212	3140	3148	3149	rBV8	2772	3190	0.12%	0.016%
69	11.289	3160	3172	3192	rBV	892548	1412077	53.90%	7.149%
70	11.373	3196	3198	3203	rVB6	2214	1606	0.06%	0.008%
71	11.482	3230	3232	3236	rVB4	1620	917	0.04%	0.005%

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Instrument : MSVOA_V
ClientSampleId : BFLZ1

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

72	11.665	3276	3289	3311	rVV	1206245	1875924	71.61%	9.498%
73	11.878	3352	3355	3358	rBV4	2866	2310	0.09%	0.012%
74	12.174	3442	3447	3450	rVB5	2175	1584	0.06%	0.008%
75	12.222	3458	3462	3463	rBV2	1246	919	0.04%	0.005%
76	12.344	3495	3500	3502	rBV4	2022	1757	0.07%	0.009%
77	12.440	3526	3530	3533	rBV6	1938	1844	0.07%	0.009%
78	12.495	3545	3547	3550	rBV3	2100	1278	0.05%	0.006%
79	12.575	3569	3572	3576	rBV4	2231	1841	0.07%	0.009%
80	12.646	3590	3594	3596	rBV4	2338	1879	0.07%	0.010%
81	12.698	3608	3610	3614	rBV3	1646	1057	0.04%	0.005%
82	12.849	3654	3657	3665	rVB8	2257	2283	0.09%	0.012%
83	12.881	3665	3667	3671	rVB4	1253	1068	0.04%	0.005%
84	12.974	3693	3696	3698	rBV4	1870	1128	0.04%	0.006%
85	13.035	3712	3715	3720	rBV7	2253	2677	0.10%	0.014%
86	13.167	3754	3756	3759	rBV4	1572	951	0.04%	0.005%
87	13.305	3796	3799	3800	rBV3	1615	832	0.03%	0.004%
88	13.630	3898	3900	3905	rVB5	1767	944	0.04%	0.005%
89	13.665	3908	3911	3914	rBV4	1413	999	0.04%	0.005%
90	13.903	3981	3985	3987	rBV4	1368	973	0.04%	0.005%
91	13.916	3987	3989	3992	rVV4	1299	842	0.03%	0.004%
92	14.093	4040	4044	4047	rVB3	2304	1492	0.06%	0.008%
93	14.132	4052	4056	4058	rBV4	1750	1554	0.06%	0.008%
94	14.215	4079	4082	4086	rVB5	1650	1398	0.05%	0.007%
95	14.633	4208	4212	4214	rBV4	1993	1628	0.06%	0.008%
96	14.791	4257	4261	4263	rBV4	2894	1977	0.08%	0.010%
97	14.874	4284	4287	4288	rBV2	1799	904	0.03%	0.005%
98	15.154	4372	4374	4375	rBV2	1929	840	0.03%	0.004%
99	15.212	4388	4392	4394	rBV4	3047	2118	0.08%	0.011%
100	16.347	4743	4745	4748	rBV3	3643	2887	0.11%	0.015%

Sum of corrected areas: 19750946

LSC Report - Integrated Chromatogram

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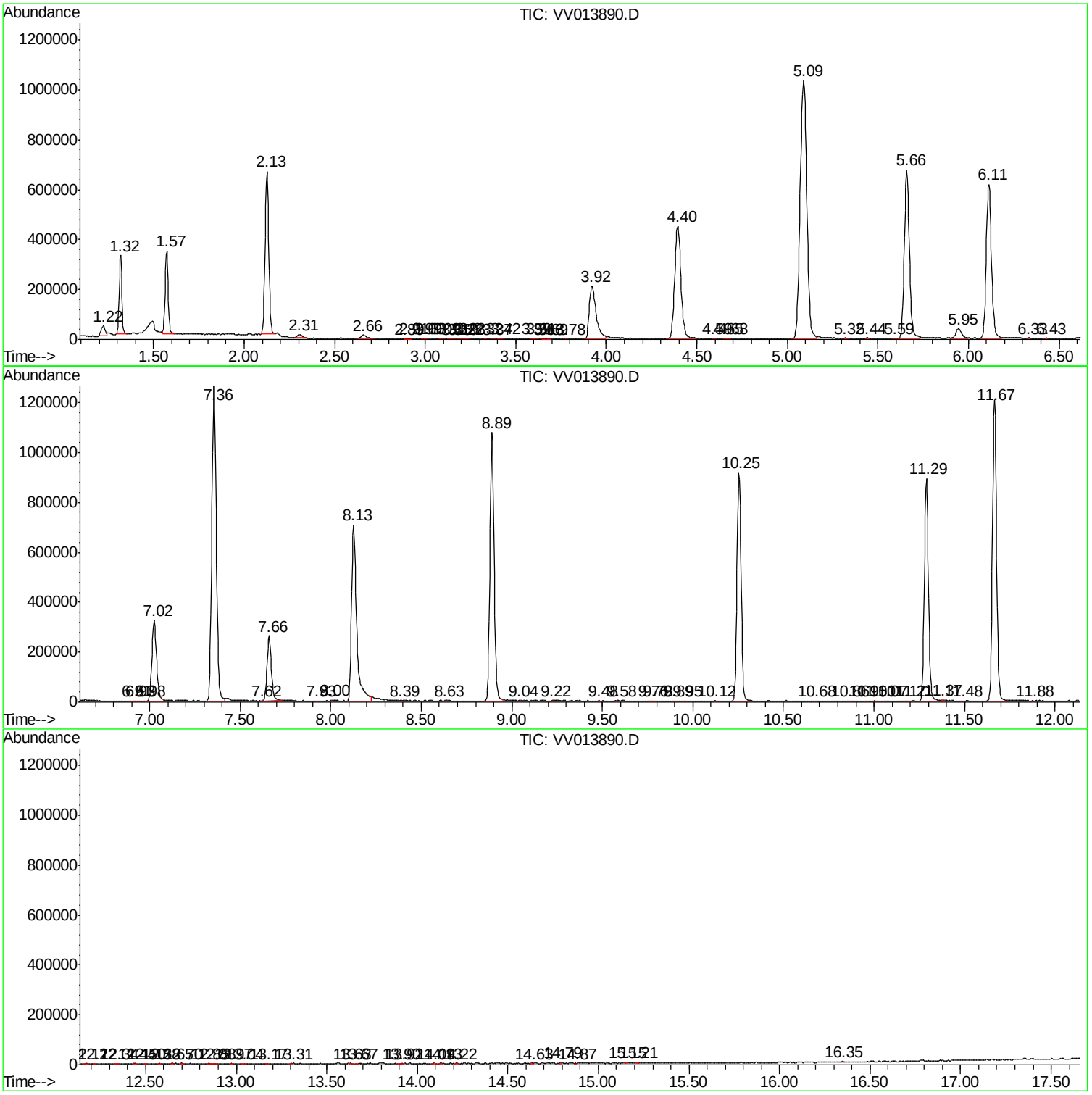
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFLZ1

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\VV120319\
Data File : VV013890.D
Acq On : 03 Dec 2019 13:50
Operator : SY/MD
Sample : K6086-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFLZ1

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

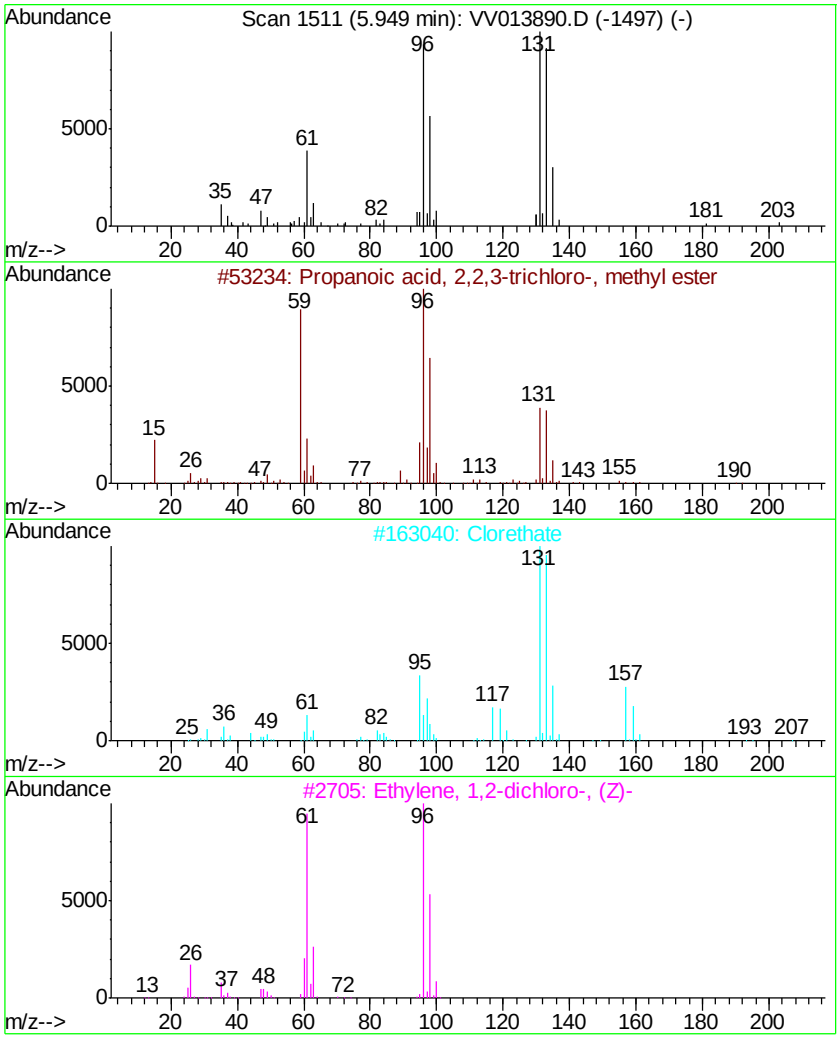
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

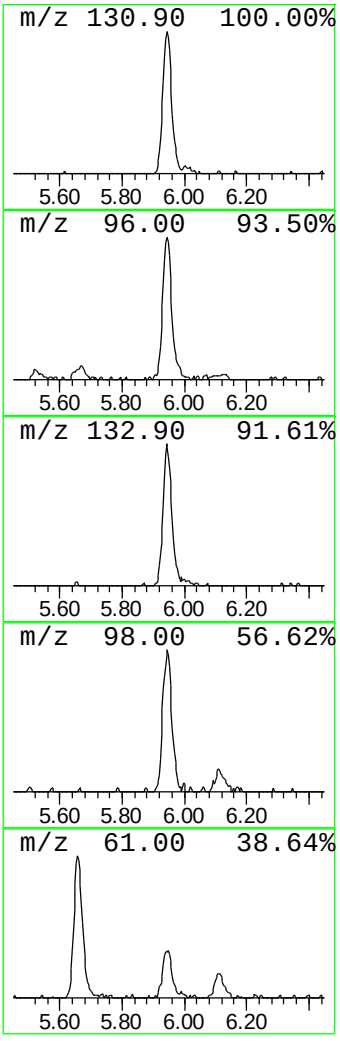
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	3.12 ug/L	81854	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	64
2	Clorethate	322	C5H4Cl6O3	005634-37-7	38
3	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
4	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	12
5	1,2,4-Triazolidin-3-one, 4-methy...	131	C3H5N3OS	022244-61-7	10





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	3.1	ug/L	81854	1	5.66	1310790	50.0