LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
Data File : VV016902.D
Acq On : 13 Jun 2020 01:19
Operator : SY/MD
Sample : L2916-03
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

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\SOMVLM060820WMA.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	63	70	80	rVB	177224	179950	12.40%	1.651%
2	1.566	143	148	159	rVB	119749	132240	9.12%	1.213%
3	2.119	310	320	338	rVB	283948	424593	29.27%	3.895%
4	2.444	418	421	423	rBV4	1417	997	0.07%	0.009%
5	2.595	466	468	470	rBV2	1220	507	0.03%	0.005%
6	2.894	558	561	565	rVB4	1847	1407	0.10%	0.013%
7	2.913	565	567	569	rBV3	1224	686	0.05%	0.006%
8	2.971	579	585	591	rBV9	2521	3110	0.21%	0.029%
9	3.032	597	604	605	rBV5	1436	1383	0.10%	0.013%
10	3.042	605	607	610	rVV3	1450	820	0.06%	0.008%
11	3.174	644	648	655	rBV9	2025	2289	0.16%	0.021%
12	3.222	659	663	665	rBV4	1345	863	0.06%	0.008%
13	3.254	671	673	676	rBV3	1676	1014	0.07%	0.009%
14	3.463	736	738	739	rBV2	1617	568	0.04%	0.005%
15	3.527	756	758	759	rBV2	1628	599	0.04%	0.005%
16	3.579	772	774	777	rVB4	1689	712	0.05%	0.007%
17	3.688	805	808	810	rBV4	1238	825	0.06%	0.008%
18	3.798	840	842	846	rVB4	1410	917	0.06%	0.008%
19	3.897	858	873	904	rBV	114373	324443	22.36%	2.976%
20	4.219	971	973	974	rBV2	1350	662	0.05%	0.006%
21	4.373	1006	1021	1046	rBV	235373	578862	39.90%	5.310%
22	4.518	1061	1066	1067	rBV3	1686	1141	0.08%	0.010%
23	4.740	1133	1135	1136	rBV2	1861	594	0.04%	0.005%
24	4.772	1144	1145	1151	rVB4	1589	1433	0.10%	0.013%
25	4.804	1151	1155	1158	rBV5	1890	1332	0.09%	0.012%
26	4.865	1171	1174	1177	rBV5	1598	1252	0.09%	0.011%
27	5.071	1219	1238	1263	rBV2	565528	1450778	100.00%	13.309%
28	5.502	1368	1372	1375	rBV6	1184	1041	0.07%	0.010%
29	5.640	1402	1415	1440	rBV	457902	910200	62.74%	8.350%
30	5.842	1474	1478	1479	rBV4	1046	757	0.05%	0.007%
31	5.929	1496	1505	1518	rVB4	24780	48764	3.36%	0.447%
32	6.093	1543	1556	1577	rBV	323230	646073	44.53%	5.927%
33	6.405	1650	1653	1657	rBV4	1565	1256	0.09%	0.012%
34	6.621	1717	1720	1721	rBV2	2599	1316	0.09%	0.012%

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Sample : L2916-03
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

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\SOMVLM060820WMA.M
Title : VOC Analysis

35	6.723	1750	1752	1753	rBV3	1324	513	0.04%	0.005%
36	7.006	1827	1840	1860	rBV2	190194	335602	23.13%	3.079%
37	7.273	1921	1923	1925	rBV4	1856	896	0.06%	0.008%
38	7.338	1930	1943	1960	rBV	662691	1128984	77.82%	10.357%
39	7.588	2017	2021	2025	rBV6	2038	2281	0.16%	0.021%
40	7.643	2025	2038	2053	rBV	129594	225408	15.54%	2.068%
41	7.791	2082	2084	2085	rBV2	1371	642	0.04%	0.006%
42	7.813	2088	2091	2093	rBV4	2385	1242	0.09%	0.011%
43	7.826	2093	2095	2098	rBV2	1489	1066	0.07%	0.010%
44	7.955	2131	2135	2136	rBV3	2131	1215	0.08%	0.011%
45	8.042	2159	2162	2165	rBV5	1670	1287	0.09%	0.012%
46	8.109	2173	2183	2216	rBV	317081	633742	43.68%	5.814%
47	8.559	2321	2323	2326	rBV4	1341	890	0.06%	0.008%
48	8.672	2355	2358	2359	rBV2	1070	775	0.05%	0.007%
49	8.762	2384	2386	2388	rBV3	980	595	0.04%	0.005%
50	8.871	2409	2420	2440	rBV	670641	1086924	74.92%	9.971%
51	9.276	2544	2546	2548	rBV3	1055	617	0.04%	0.006%
52	9.354	2567	2570	2573	rBV4	1182	936	0.06%	0.009%
53	9.373	2574	2576	2580	rVB4	2010	1107	0.08%	0.010%
54	9.428	2590	2593	2596	rBV3	1966	1282	0.09%	0.012%
55	9.492	2609	2613	2614	rBV3	2221	1514	0.10%	0.014%
56	9.566	2633	2636	2637	rBV3	1877	791	0.05%	0.007%
57	9.849	2720	2724	2727	rBV3	1399	990	0.07%	0.009%
58	9.868	2727	2730	2733	rBV4	1667	1353	0.09%	0.012%
59	9.948	2753	2755	2758	rBV3	2144	1375	0.09%	0.013%
60	10.009	2772	2774	2778	rVB5	2017	1171	0.08%	0.011%
61	10.032	2778	2781	2783	rBV4	1568	1147	0.08%	0.011%
62	10.051	2785	2787	2791	rVB3	1540	1137	0.08%	0.010%
63	10.161	2818	2821	2825	rBV5	2202	1478	0.10%	0.014%
64	10.238	2831	2845	2863	rBV	400686	629270	43.37%	5.773%
65	10.357	2880	2882	2884	rBV3	1424	736	0.05%	0.007%
66	10.473	2915	2918	2924	rBV6	2018	2256	0.16%	0.021%
67	10.540	2937	2939	2942	rVB4	2397	1199	0.08%	0.011%
68	10.746	3000	3003	3005	rBV4	1197	710	0.05%	0.007%
69	10.858	3035	3038	3041	rBV5	1500	1275	0.09%	0.012%
70	10.935	3057	3062	3066	rBV8	2128	2310	0.16%	0.021%
71	11.013	3083	3086	3088	rBV4	1432	1084	0.07%	0.010%

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ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

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\SOMVLM060820WMA.M
Title : VOC Analysis

72	11.128	3119	3122	3125	rBV5	1594	1298	0.09%	0.012%
73	11.270	3153	3166	3188	rBV	665518	1014074	69.90%	9.303%
74	11.408	3207	3209	3212	rBV4	1582	776	0.05%	0.007%
75	11.537	3245	3249	3254	rBV8	2412	2660	0.18%	0.024%
76	11.646	3269	3283	3301	rBV	668091	1057692	72.91%	9.703%
77	11.833	3337	3341	3343	rBV5	1508	1230	0.08%	0.011%
78	11.932	3370	3372	3375	rVB3	1844	960	0.07%	0.009%
79	11.955	3375	3379	3380	rBV3	1843	1271	0.09%	0.012%
80	12.093	3420	3422	3425	rBV3	1835	996	0.07%	0.009%
81	12.148	3436	3439	3442	rBV4	1590	849	0.06%	0.008%
82	12.167	3442	3445	3447	rBV3	1438	1007	0.07%	0.009%
83	12.363	3501	3506	3507	rBV4	1576	1224	0.08%	0.011%
84	12.514	3551	3553	3556	rBV3	1075	719	0.05%	0.007%
85	12.534	3556	3559	3561	rBV3	1853	1236	0.09%	0.011%
86	12.588	3569	3576	3578	rBV6	2009	1788	0.12%	0.016%
87	12.701	3608	3611	3614	rVB5	1939	1270	0.09%	0.012%
88	12.942	3682	3686	3689	rBV5	2286	2141	0.15%	0.020%
89	12.990	3699	3701	3704	rVB3	1480	678	0.05%	0.006%
90	13.006	3704	3706	3707	rBV3	1428	584	0.04%	0.005%
91	13.260	3783	3785	3786	rBV2	1721	671	0.05%	0.006%
92	13.334	3805	3808	3810	rVB3	1753	849	0.06%	0.008%
93	13.376	3819	3821	3824	rBV4	1319	573	0.04%	0.005%
94	13.395	3824	3827	3829	rBV3	1369	972	0.07%	0.009%
95	13.488	3854	3856	3859	rVB3	1324	694	0.05%	0.006%
96	14.296	4104	4107	4109	rBV3	1462	797	0.05%	0.007%
97	14.511	4172	4174	4177	rBV5	1838	1382	0.10%	0.013%
98	14.601	4200	4202	4205	rVB4	1740	610	0.04%	0.006%
99	15.228	4395	4397	4402	rBV6	1730	1463	0.10%	0.013%
100	15.540	4492	4494	4495	rBV2	1779	719	0.05%	0.007%

Sum of corrected areas: 10900367

LSC Report - Integrated Chromatogram

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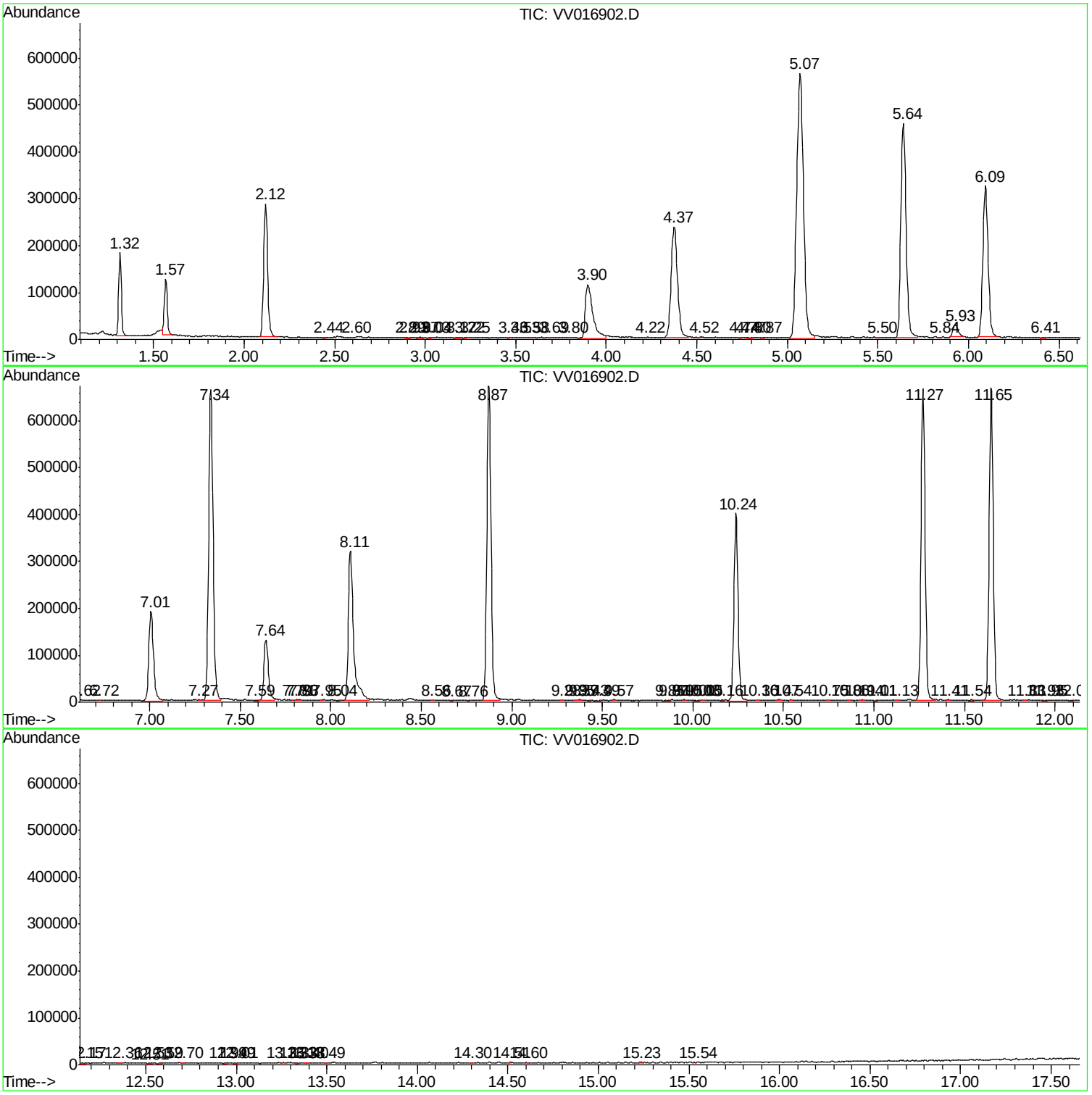
Sample : L2916-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.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\VV061220\
Data File : VV016902.D
Acq On : 13 Jun 2020 01:19
Operator : SY/MD
Sample : L2916-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

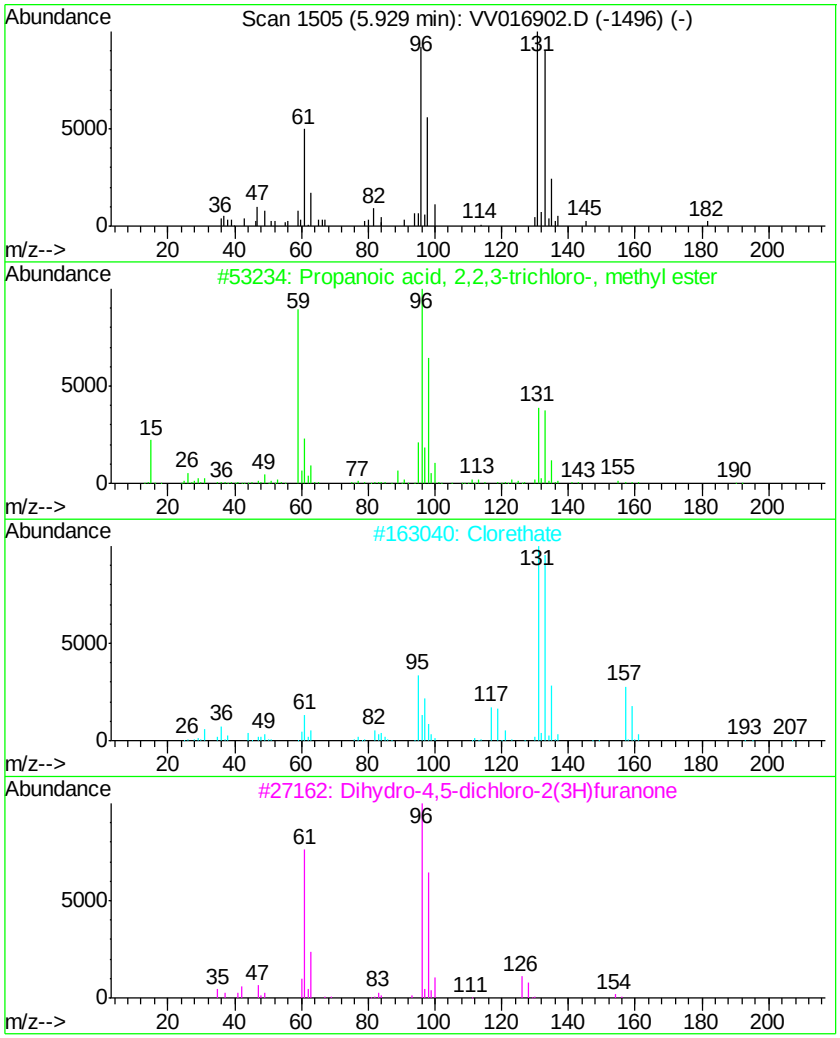
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

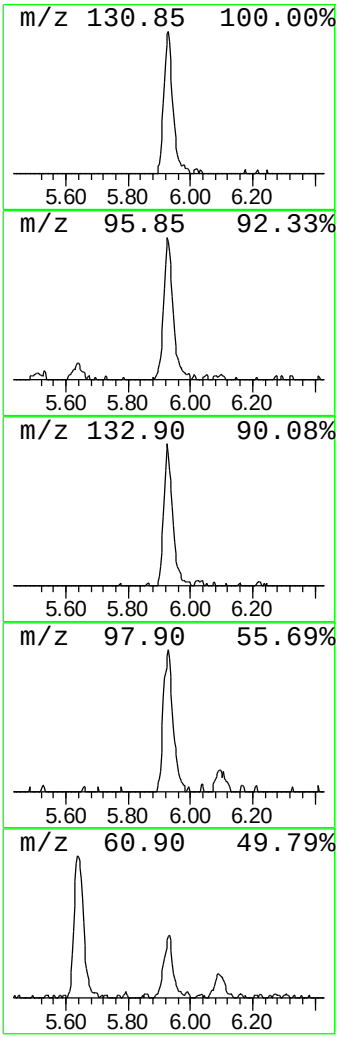
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.68 ug/L	48764	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	56
2	Clorethate	322	C5H4Cl6O3	005634-37-7	33
3	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
4	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	25
5	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	25





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...	5.93	2.7	ug/L	48764	1	5.64	910200	50.0