LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120619\
Data File : VV013936.D
Acq On : 06 Dec 2019 12:34
Operator : SY/MD
Sample : K6165-10
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBBW5

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	83	rVB	297072	284214	13.01%	1.893%
2	1.569	143	149	160	rVB	318377	362036	16.57%	2.411%
3	2.122	313	321	334	rVB	632965	895082	40.96%	5.961%
4	2.708	501	503	507	rBV4	686	585	0.03%	0.004%
5	2.791	526	529	531	rVB3	2278	1244	0.06%	0.008%
6	2.917	566	568	571	rBV2	902	568	0.03%	0.004%
7	3.087	619	621	623	rBV3	959	513	0.02%	0.003%
8	3.129	630	634	637	rBV4	1649	1134	0.05%	0.008%
9	3.145	637	639	641	rBV3	1485	654	0.03%	0.004%
10	3.161	641	644	648	rVV5	1375	1007	0.05%	0.007%
11	3.267	675	677	679	rBV2	865	539	0.02%	0.004%
12	3.322	692	694	697	rVB4	1487	700	0.03%	0.005%
13	3.450	730	734	736	rBV3	1195	757	0.03%	0.005%
14	3.495	745	748	749	rBV2	743	500	0.02%	0.003%
15	3.579	769	774	777	rBV7	1049	939	0.04%	0.006%
16	3.640	790	793	795	rBV3	982	599	0.03%	0.004%
17	3.920	866	880	907	rBV	153896	439755	20.12%	2.929%
18	4.318	1001	1004	1009	rBV6	1501	1313	0.06%	0.009%
19	4.396	1009	1028	1056	rBV3	408640	1220785	55.87%	8.130%
20	4.820	1157	1160	1162	rBV2	1444	843	0.04%	0.006%
21	4.833	1162	1164	1168	rVB4	1334	1074	0.05%	0.007%
22	4.945	1196	1199	1204	rVV5	1395	1314	0.06%	0.009%
23	4.994	1211	1214	1219	rVB5	1669	1536	0.07%	0.010%
24	5.026	1219	1224	1225	rBV3	1971	1586	0.07%	0.011%
25	5.090	1226	1244	1270	rVV2	871890	2185136	100.00%	14.553%
26	5.659	1406	1421	1442	rBV	485608	967823	44.29%	6.446%
27	5.862	1482	1484	1486	rBV3	1552	681	0.03%	0.005%
28	5.945	1496	1510	1523	rBV4	39635	85029	3.89%	0.566%
29	6.113	1548	1562	1585	rBV	475179	969108	44.35%	6.454%
30	6.351	1634	1636	1638	rBV3	1229	739	0.03%	0.005%
31	6.463	1668	1671	1673	rBV4	1409	1051	0.05%	0.007%
32	6.553	1687	1699	1713	rBV	82487	154252	7.06%	1.027%
33	6.752	1759	1761	1762	rBV2	1410	585	0.03%	0.004%
34	6.884	1796	1802	1805	rBV8	1470	1575	0.07%	0.010%

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ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBBW5

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

35	6.920	1811	1813	1815	rBV2	1179	516	0.02%	0.003%
36	7.023	1834	1845	1864	rBV	244225	436345	19.97%	2.906%
37	7.222	1905	1907	1910	rVB3	2168	1051	0.05%	0.007%
38	7.254	1914	1917	1918	rBV4	2043	1203	0.06%	0.008%
39	7.354	1936	1948	1968	rBV	906005	1582036	72.40%	10.536%
40	7.579	2016	2018	2022	rBV4	1781	1214	0.06%	0.008%
41	7.659	2033	2043	2069	rVB	172674	303628	13.90%	2.022%
42	7.791	2081	2084	2087	rBV4	1707	1536	0.07%	0.010%
43	7.823	2092	2094	2096	rBV3	1582	947	0.04%	0.006%
44	7.974	2131	2141	2142	rBV8	4065	5602	0.26%	0.037%
45	8.068	2167	2170	2174	rBV6	1007	721	0.03%	0.005%
46	8.125	2178	2188	2216	rBV2	411967	863200	39.50%	5.749%
47	8.746	2376	2381	2385	rBV7	1471	1249	0.06%	0.008%
48	8.768	2385	2388	2389	rBV3	1229	471	0.02%	0.003%
49	8.891	2412	2426	2446	rBV	695718	1125042	51.49%	7.493%
50	9.141	2495	2504	2509	rBV	2788	4238	0.19%	0.028%
51	9.238	2533	2534	2537	rBV3	1011	536	0.02%	0.004%
52	9.293	2548	2551	2552	rBV3	981	472	0.02%	0.003%
53	9.318	2557	2559	2564	rVB3	2206	1582	0.07%	0.011%
54	9.370	2573	2575	2580	rBV3	1549	1125	0.05%	0.007%
55	9.482	2607	2610	2612	rBV3	1096	662	0.03%	0.004%
56	9.637	2656	2658	2663	rBV5	1334	1287	0.06%	0.009%
57	9.659	2663	2665	2667	rBV3	1221	695	0.03%	0.005%
58	9.691	2674	2675	2679	rVB4	1668	594	0.03%	0.004%
59	9.759	2694	2696	2699	rVV4	1653	1065	0.05%	0.007%
60	9.833	2715	2719	2720	rBV4	1203	859	0.04%	0.006%
61	9.939	2746	2752	2754	rBV6	1444	1461	0.07%	0.010%
62	9.997	2768	2770	2772	rBV2	918	585	0.03%	0.004%
63	10.048	2784	2786	2790	rVB5	1351	788	0.04%	0.005%
64	10.071	2790	2793	2795	rBV3	1048	527	0.02%	0.004%
65	10.096	2796	2801	2804	rVB5	1217	1054	0.05%	0.007%
66	10.122	2807	2809	2814	rVB4	819	636	0.03%	0.004%
67	10.148	2814	2817	2818	rBV3	1066	542	0.02%	0.004%
68	10.190	2828	2830	2832	rBV3	1320	511	0.02%	0.003%
69	10.254	2838	2850	2871	rBV	573101	918299	42.02%	6.116%
70	10.379	2887	2889	2890	rBV	1115	536	0.02%	0.004%
71	10.411	2890	2899	2915	rVB4	20696	37712	1.73%	0.251%

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Instrument : MSVOA_V
ClientSampleId : DBBW5

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	10.530	2929	2936	2944	rBV2	8037	11844	0.54%	0.079%
73	10.627	2960	2966	2970	rVB9	1787	1875	0.09%	0.012%
74	10.659	2970	2976	2980	rVB7	1319	1128	0.05%	0.008%
75	10.691	2983	2986	2988	rBV3	761	484	0.02%	0.003%
76	10.746	3000	3003	3004	rBV2	1090	579	0.03%	0.004%
77	10.804	3018	3021	3022	rBV2	1353	771	0.04%	0.005%
78	10.826	3027	3028	3034	rVB4	1095	888	0.04%	0.006%
79	11.080	3105	3107	3113	rVB6	1225	1100	0.05%	0.007%
80	11.109	3113	3116	3118	rBV4	1222	757	0.03%	0.005%
81	11.183	3135	3139	3140	rBV3	1020	664	0.03%	0.004%
82	11.212	3145	3148	3150	rBV3	2291	1457	0.07%	0.010%
83	11.289	3160	3172	3187	rBV	527895	831875	38.07%	5.540%
84	11.453	3220	3223	3226	rBV4	2079	1337	0.06%	0.009%
85	11.550	3249	3253	3255	rBV5	1045	665	0.03%	0.004%
86	11.665	3275	3289	3305	rBV	799091	1259075	57.62%	8.385%
87	11.874	3352	3354	3359	rVB4	1872	1117	0.05%	0.007%
88	12.035	3398	3404	3407	rBV6	1600	1773	0.08%	0.012%
89	12.161	3440	3443	3445	rBV3	1308	821	0.04%	0.005%
90	12.212	3455	3459	3461	rBV3	1323	801	0.04%	0.005%
91	12.280	3478	3480	3482	rBV2	1015	666	0.03%	0.004%
92	12.357	3502	3504	3508	rBV4	917	499	0.02%	0.003%
93	12.466	3535	3538	3542	rBV5	1589	1299	0.06%	0.009%
94	12.511	3550	3552	3559	rVB8	1220	1175	0.05%	0.008%
95	12.543	3559	3562	3565	rVB5	1386	827	0.04%	0.006%
96	12.698	3603	3610	3615	rVV7	2172	2877	0.13%	0.019%
97	12.858	3658	3660	3664	rBV3	896	751	0.03%	0.005%
98	13.006	3702	3706	3707	rBV3	1456	1022	0.05%	0.007%
99	13.768	3941	3943	3945	rBV2	1447	667	0.03%	0.004%
100	13.948	3996	3999	4001	rBV3	1576	855	0.04%	0.006%

Sum of corrected areas: 15015432

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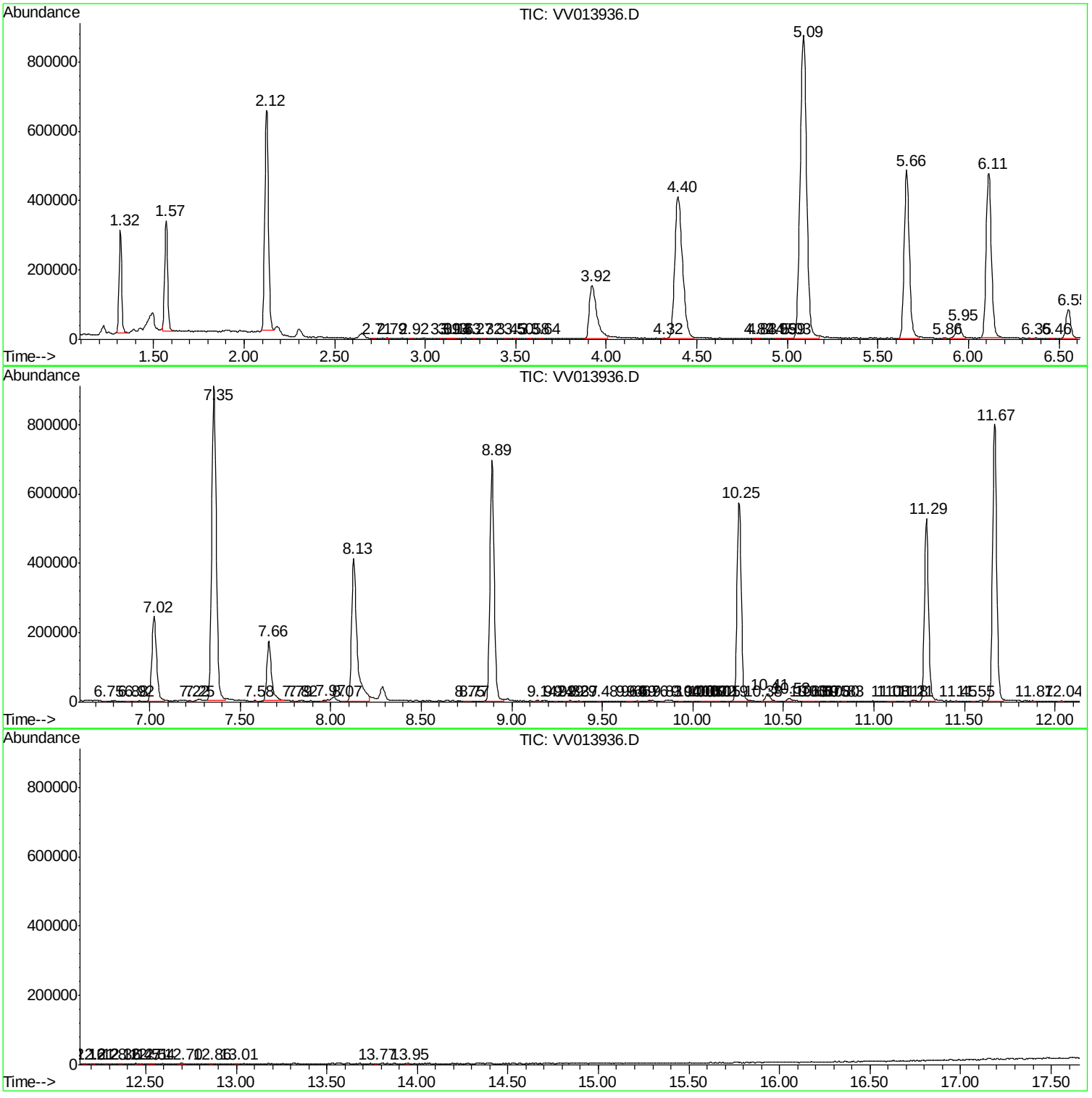
Instrument :
MSVOA_V
ClientSampleId :
DBBW5

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 : VV013936.D
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Instrument : MSVOA_V
ClientSampleId : DBBW5

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

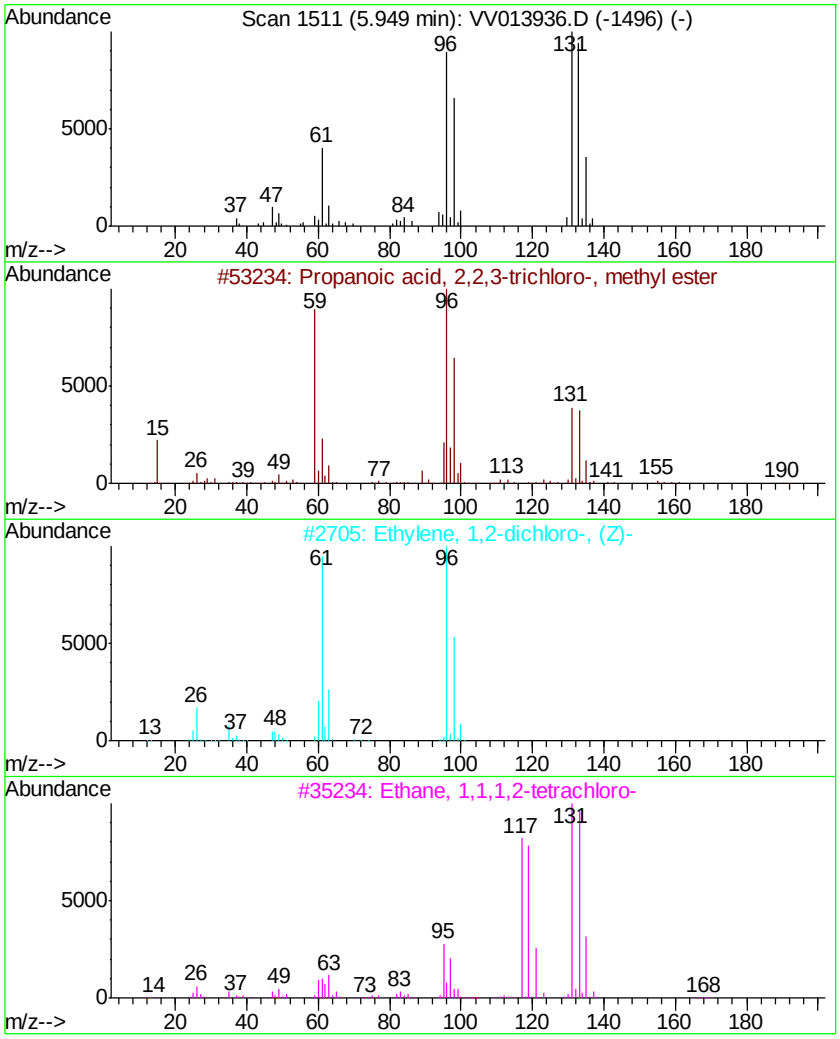
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

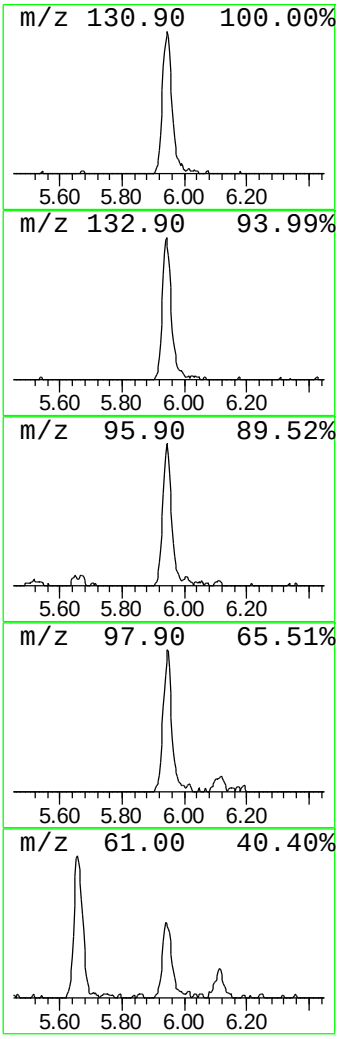
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	4.39 ug/L	85029	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	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	41
3	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	35
4	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	16
5	Carbamic acid, acetylthio-, O-me...	133	C4H7NO2S	016696-87-0	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	4.4	ug/L	85029	1	5.66	967823	50.0