LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071320\
Data File : VV017466.D
Acq On : 13 Jul 2020 13:40
Operator : SY/MD
Sample : L3270-20
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A36

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\SOMVLM070820WMA.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	1.316	64	70	84	rVB	122974	128845	14.25%	1.695%
2	1.579	145	152	167	rBV	97182	107715	11.91%	1.417%
3	2.123	311	321	339	rBV	225731	345523	38.20%	4.545%
4	2.589	464	466	471	rVB4	982	635	0.07%	0.008%
5	2.615	471	474	476	rBV2	849	538	0.06%	0.007%
6	2.714	501	505	508	rVV3	634	635	0.07%	0.008%
7	2.772	519	523	527	rBV4	852	731	0.08%	0.010%
8	3.036	604	605	611	rVV4	422	387	0.04%	0.005%
9	3.100	621	625	632	rBV5	880	1002	0.11%	0.013%
10	3.216	657	661	664	rBV4	1063	892	0.10%	0.012%
11	3.290	681	684	687	rVB4	677	519	0.06%	0.007%
12	3.541	759	762	765	rBV2	834	698	0.08%	0.009%
13	3.614	783	785	789	rBV3	863	460	0.05%	0.006%
14	3.640	789	793	795	rBV3	612	390	0.04%	0.005%
15	3.701	809	812	818	rBV4	1081	800	0.09%	0.011%
16	3.804	841	844	847	rBV3	1055	605	0.07%	0.008%
17	3.865	858	863	865	rBV3	736	616	0.07%	0.008%
18	3.910	867	877	909	rBV	57708	171208	18.93%	2.252%
19	4.219	970	973	975	rBV4	697	505	0.06%	0.007%
20	4.325	1002	1006	1007	rBV3	817	405	0.04%	0.005%
21	4.377	1007	1022	1043	rVV2	153676	376963	41.68%	4.958%
22	4.528	1065	1069	1071	rVV	568	400	0.04%	0.005%
23	4.540	1071	1073	1077	rVB3	754	492	0.05%	0.006%
24	4.769	1141	1144	1146	rBV2	748	513	0.06%	0.007%
25	4.811	1154	1157	1162	rVB4	943	908	0.10%	0.012%
26	4.849	1166	1169	1173	rBV3	972	565	0.06%	0.007%
27	4.872	1174	1176	1180	rVB3	719	440	0.05%	0.006%
28	5.071	1222	1238	1267	rVV2	353240	904446	100.00%	11.897%
29	5.222	1283	1285	1288	rVB2	1213	529	0.06%	0.007%
30	5.502	1369	1372	1375	rBV3	1009	682	0.08%	0.009%
31	5.540	1381	1384	1386	rBV3	660	423	0.05%	0.006%
32	5.640	1403	1415	1439	rVV	373824	741282	81.96%	9.751%
33	5.933	1495	1506	1521	rBV7	18065	40520	4.48%	0.533%
34	6.093	1543	1556	1576	rBV2	197764	401325	44.37%	5.279%

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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
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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\SOMVLM070820WMA.M
Title : VOC Analysis

35	6.338	1628	1632	1635	rBV4	1309	913	0.10%	0.012%
36	6.412	1651	1655	1658	rVB2	907	766	0.08%	0.010%
37	6.434	1658	1662	1665	rBV3	477	423	0.05%	0.006%
38	6.540	1693	1695	1698	rVB2	751	380	0.04%	0.005%
39	6.637	1720	1725	1726	rBV2	597	528	0.06%	0.007%
40	6.675	1735	1737	1740	rBV2	620	411	0.05%	0.005%
41	6.730	1751	1754	1756	rVB3	675	386	0.04%	0.005%
42	6.753	1758	1761	1763	rVV3	799	574	0.06%	0.008%
43	6.788	1770	1772	1776	rVB3	777	429	0.05%	0.006%
44	7.010	1830	1841	1863	rBV	120468	218116	24.12%	2.869%
45	7.180	1891	1894	1897	rVB3	928	524	0.06%	0.007%
46	7.212	1900	1904	1907	rVV4	1044	850	0.09%	0.011%
47	7.338	1930	1943	1963	rBV	428360	732582	81.00%	9.636%
48	7.643	2027	2038	2058	rBV	86894	150052	16.59%	1.974%
49	7.881	2108	2112	2114	rBV3	824	508	0.06%	0.007%
50	7.952	2129	2134	2136	rBV5	1059	908	0.10%	0.012%
51	8.000	2140	2149	2165	rVB4	12065	22793	2.52%	0.300%
52	8.109	2173	2183	2210	rBV	196506	377092	41.69%	4.960%
53	8.553	2318	2321	2324	rBV3	625	384	0.04%	0.005%
54	8.598	2331	2335	2336	rBV3	811	494	0.05%	0.006%
55	8.666	2354	2356	2359	rBV3	602	476	0.05%	0.006%
56	8.801	2397	2398	2402	rBV2	613	456	0.05%	0.006%
57	8.875	2409	2421	2441	rBV	560308	899405	99.44%	11.830%
58	9.000	2458	2460	2462	rBV2	911	599	0.07%	0.008%
59	9.090	2485	2488	2492	rVV2	913	633	0.07%	0.008%
60	9.273	2542	2545	2547	rVB2	905	527	0.06%	0.007%
61	9.306	2552	2555	2557	rBV3	690	477	0.05%	0.006%
62	9.383	2575	2579	2581	rBV2	807	602	0.07%	0.008%
63	9.486	2607	2611	2613	rVV	552	544	0.06%	0.007%
64	9.518	2617	2621	2624	rBV2	1035	671	0.07%	0.009%
65	9.704	2677	2679	2683	rVV3	669	403	0.04%	0.005%
66	9.801	2707	2709	2714	rBV3	577	545	0.06%	0.007%
67	9.936	2748	2751	2755	rBV	454	406	0.04%	0.005%
68	9.987	2765	2767	2774	rVB4	608	601	0.07%	0.008%
69	10.035	2774	2782	2788	rBV5	1351	2147	0.24%	0.028%
70	10.238	2834	2845	2862	rBV	242241	377254	41.71%	4.962%
71	10.370	2883	2886	2890	rBV3	696	530	0.06%	0.007%

LSC Area Percent Report

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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A36

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\SOMVLM070820WMA.M
Title : VOC Analysis

72	10.495	2922	2925	2930	rVB4	933	845	0.09%	0.011%
73	10.540	2935	2939	2942	rBV2	481	406	0.04%	0.005%
74	10.707	2987	2991	2993	rBV2	553	409	0.05%	0.005%
75	10.762	3004	3008	3011	rBV	615	524	0.06%	0.007%
76	10.884	3041	3046	3048	rVB3	489	432	0.05%	0.006%
77	10.900	3048	3051	3056	rBV5	746	713	0.08%	0.009%
78	10.929	3057	3060	3066	rVB5	693	724	0.08%	0.010%
79	10.971	3070	3073	3075	rVV	903	440	0.05%	0.006%
80	11.035	3091	3093	3098	rVB2	749	525	0.06%	0.007%
81	11.270	3154	3166	3182	rBV	565871	857008	94.76%	11.273%
82	11.473	3225	3229	3230	rBV2	753	437	0.05%	0.006%
83	11.556	3253	3255	3258	rBV3	894	608	0.07%	0.008%
84	11.646	3270	3283	3300	rBV	444146	700142	77.41%	9.209%
85	11.849	3343	3346	3350	rVB4	607	526	0.06%	0.007%
86	12.122	3430	3431	3434	rBV2	736	380	0.04%	0.005%
87	12.260	3470	3474	3477	rBV	6481	3435	0.38%	0.045%
88	12.386	3511	3513	3517	rVB3	1007	559	0.06%	0.007%
89	12.730	3615	3620	3623	rBV3	804	712	0.08%	0.009%
90	12.752	3623	3627	3628	rBV2	521	383	0.04%	0.005%
91	12.810	3641	3645	3648	rBV2	966	747	0.08%	0.010%
92	12.865	3659	3662	3666	rVB	683	406	0.04%	0.005%
93	13.039	3711	3716	3718	rBV2	815	575	0.06%	0.008%
94	13.109	3734	3738	3741	rBV3	599	431	0.05%	0.006%
95	13.158	3750	3753	3757	rBV3	552	451	0.05%	0.006%
96	13.296	3791	3796	3803	rBV7	657	900	0.10%	0.012%
97	13.363	3814	3817	3821	rVB4	717	464	0.05%	0.006%
98	13.460	3846	3847	3852	rBV3	690	396	0.04%	0.005%
99	13.775	3941	3945	3946	rBV2	1062	439	0.05%	0.006%
100	14.315	4110	4113	4115	rVB2	763	433	0.05%	0.006%

Sum of corrected areas: 7602436

LSC Report - Integrated Chromatogram

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Sample : L3270-20
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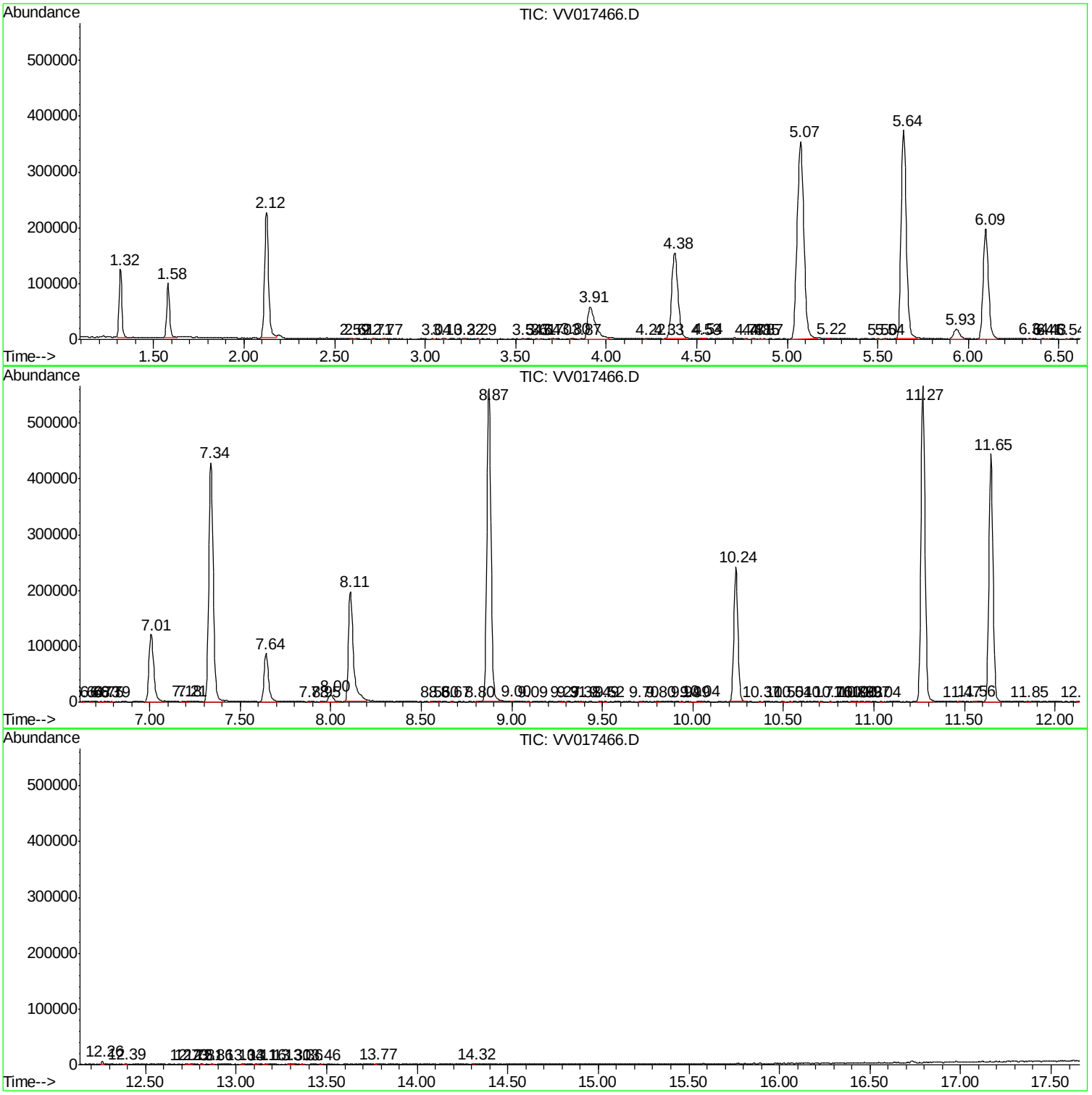
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A36

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.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\VV071320\
Data File : VV017466.D
Acq On : 13 Jul 2020 13:40
Operator : SY/MD
Sample : L3270-20
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A36

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis

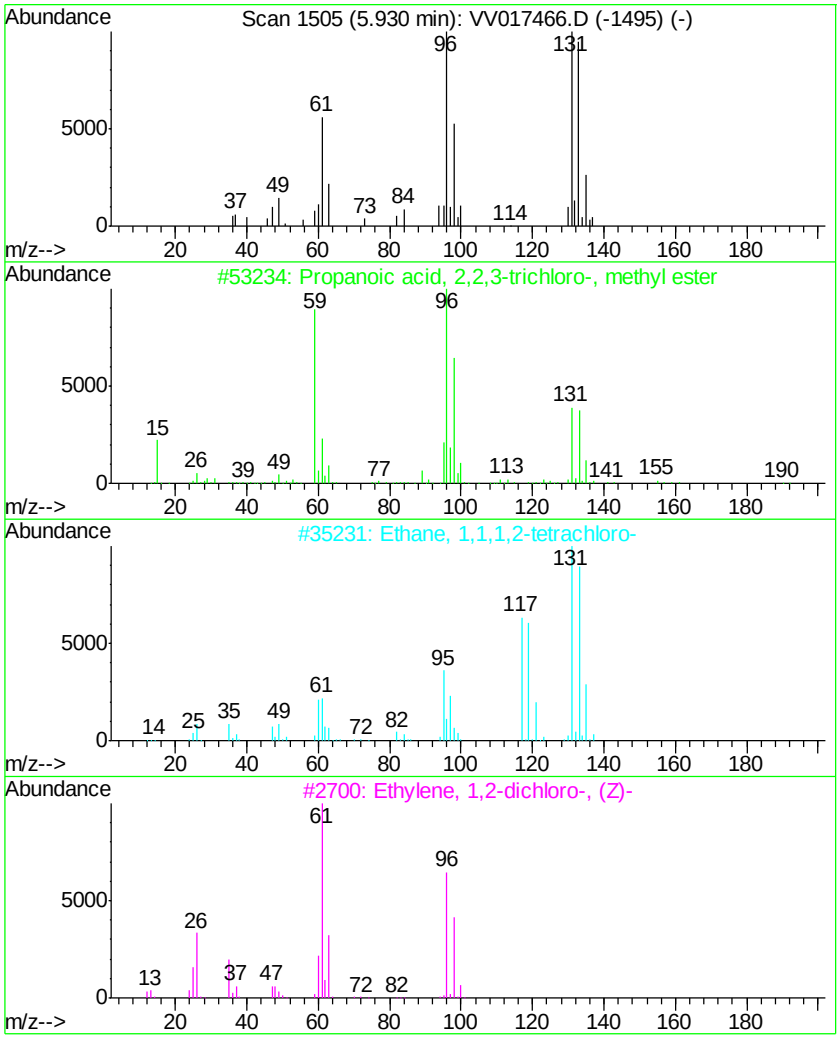
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

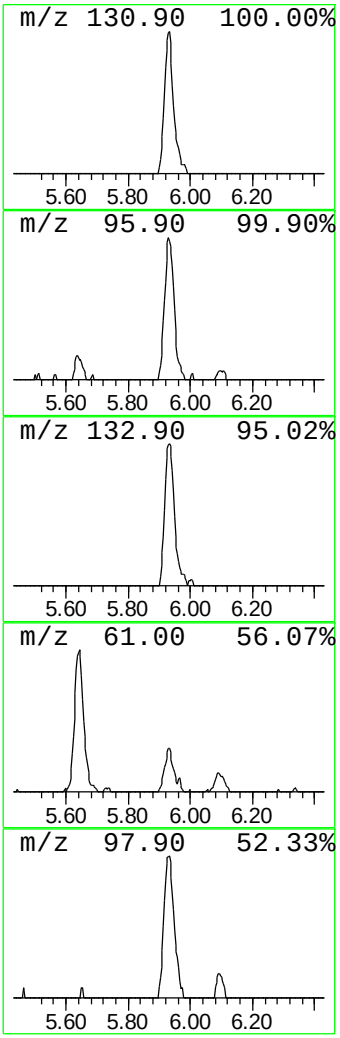
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.73 ug/L	40520	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	50
2	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	38
3	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	30
4	1,2-Dichloroethylene	96	C2H2Cl2	000540-59-0	30
5	Ethylene, 1,2-dichloro-, (E)-	96	C2H2Cl2	000156-60-5	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071320\
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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	40520	1	5.64	741282	50.0