LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091319\
Data File : VV012779.D
Acq On : 14 Sep 2019 20:35
Operator : SY/MD
Sample : K4867-12
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0MH2

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\SOMVLM091319WMA.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	64	71	81	rVB	251449	252516	9.57%	1.270%
2	1.579	144	152	165	rVB	246479	288399	10.93%	1.451%
3	2.129	313	323	336	rBV	468107	661029	25.05%	3.325%
4	2.302	368	377	395	rBV	25227	45220	1.71%	0.227%
5	2.463	423	427	431	rBV4	1365	1162	0.04%	0.006%
6	2.521	441	445	446	rBV2	2293	1410	0.05%	0.007%
7	2.650	472	485	499	rVV	22749	47616	1.80%	0.240%
8	2.913	563	567	570	rBV4	1192	1026	0.04%	0.005%
9	3.000	592	594	601	rBV5	904	860	0.03%	0.004%
10	3.087	619	621	628	rBV5	634	657	0.02%	0.003%
11	3.167	642	646	650	rBV4	1022	1041	0.04%	0.005%
12	3.270	675	678	681	rVV4	967	749	0.03%	0.004%
13	3.563	765	769	771	rVB3	690	554	0.02%	0.003%
14	3.656	795	798	802	rVB4	925	639	0.02%	0.003%
15	3.685	802	807	810	rBV4	709	544	0.02%	0.003%
16	3.775	832	835	841	rVB4	1221	1105	0.04%	0.006%
17	3.843	851	856	860	rBV4	761	735	0.03%	0.004%
18	3.923	868	881	915	rBV	293729	833295	31.57%	4.192%
19	4.399	1010	1029	1052	rBV	468409	1134403	42.98%	5.707%
20	4.669	1111	1113	1122	rVB6	1016	989	0.04%	0.005%
21	4.762	1140	1142	1147	rVB4	761	592	0.02%	0.003%
22	4.785	1147	1149	1154	rVB3	978	560	0.02%	0.003%
23	4.814	1154	1158	1162	rBV4	873	897	0.03%	0.005%
24	4.878	1175	1178	1182	rVB3	1181	1034	0.04%	0.005%
25	4.907	1182	1187	1190	rBV3	863	847	0.03%	0.004%
26	4.949	1197	1200	1204	rBV2	965	830	0.03%	0.004%
27	5.093	1226	1245	1278	rBV2	1028674	2639106	100.00%	13.276%
28	5.373	1328	1332	1335	rBV5	834	642	0.02%	0.003%
29	5.434	1350	1351	1355	rVV3	792	587	0.02%	0.003%
30	5.531	1375	1381	1387	rBV8	1066	1458	0.06%	0.007%
31	5.662	1407	1422	1447	rBV	839194	1656978	62.79%	8.336%
32	5.881	1487	1490	1493	rBV5	875	617	0.02%	0.003%
33	5.945	1496	1510	1526	rBV	122915	244630	9.27%	1.231%
34	6.068	1542	1548	1549	rBV4	2097	1725	0.07%	0.009%

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ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0MH2

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\SOMVLM091319WMA.M
Title : VOC Analysis

35	6.116	1549	1563	1585	rVV	669999	1333293	50.52%	6.707%
36	6.322	1623	1627	1632	rBV3	1078	1028	0.04%	0.005%
37	6.434	1658	1662	1664	rBV4	848	637	0.02%	0.003%
38	6.469	1669	1673	1676	rBV4	738	551	0.02%	0.003%
39	6.547	1693	1697	1702	rBV5	1077	990	0.04%	0.005%
40	6.592	1708	1711	1716	rBV4	1053	988	0.04%	0.005%
41	6.646	1716	1728	1734	rBV2	5829	11145	0.42%	0.056%
42	6.878	1797	1800	1804	rBV3	1019	900	0.03%	0.005%
43	6.936	1813	1818	1821	rBV4	1039	786	0.03%	0.004%
44	6.961	1824	1826	1830	rBV2	786	589	0.02%	0.003%
45	7.029	1833	1847	1869	rBV	304962	546521	20.71%	2.749%
46	7.151	1883	1885	1887	rBV3	981	609	0.02%	0.003%
47	7.170	1887	1891	1892	rBV3	2204	1540	0.06%	0.008%
48	7.357	1936	1949	1972	rBV	1083901	1880664	71.26%	9.461%
49	7.662	2032	2044	2067	rBV	218813	372473	14.11%	1.874%
50	7.852	2098	2103	2106	rBV6	731	595	0.02%	0.003%
51	7.923	2122	2125	2128	rVB3	1231	607	0.02%	0.003%
52	7.965	2133	2138	2141	rBV5	1231	1430	0.05%	0.007%
53	8.129	2177	2189	2230	rBV2	701672	1526896	57.86%	7.681%
54	8.894	2414	2427	2453	rBV	1229370	1980506	75.04%	9.963%
55	9.055	2473	2477	2483	rBV5	1922	2152	0.08%	0.011%
56	9.183	2510	2517	2520	rBV5	2027	2392	0.09%	0.012%
57	9.199	2520	2522	2524	rVV3	1011	610	0.02%	0.003%
58	9.292	2545	2551	2553	rBV5	1058	886	0.03%	0.004%
59	9.341	2564	2566	2569	rVV2	1111	624	0.02%	0.003%
60	9.370	2572	2575	2581	rVV4	813	723	0.03%	0.004%
61	9.437	2592	2596	2598	rVB2	1010	628	0.02%	0.003%
62	9.511	2615	2619	2621	rBV3	1209	819	0.03%	0.004%
63	9.588	2638	2643	2648	rVB7	2209	2274	0.09%	0.011%
64	9.614	2648	2651	2655	rBV3	1112	817	0.03%	0.004%
65	9.971	2757	2762	2763	rBV	796	623	0.02%	0.003%
66	10.019	2775	2777	2784	rVB3	583	609	0.02%	0.003%
67	10.067	2787	2792	2795	rVB5	766	672	0.03%	0.003%
68	10.128	2807	2811	2814	rBV4	1047	767	0.03%	0.004%
69	10.173	2821	2825	2827	rBV2	998	543	0.02%	0.003%
70	10.199	2827	2833	2835	rBV3	991	719	0.03%	0.004%
71	10.257	2838	2851	2873	rBV	796734	1262770	47.85%	6.353%

LSC Area Percent Report

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Sample : K4867-12
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ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0MH2

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\SOMVLM091319WMA.M
Title : VOC Analysis

72	10.399	2891	2895	2896	rBV4	1159	757	0.03%	0.004%
73	10.418	2896	2901	2905	rVV8	1526	1704	0.06%	0.009%
74	10.569	2941	2948	2949	rBV5	751	786	0.03%	0.004%
75	10.659	2972	2976	2978	rBV3	1004	774	0.03%	0.004%
76	10.813	3022	3024	3030	rBV5	632	696	0.03%	0.004%
77	10.968	3068	3072	3075	rBV4	880	719	0.03%	0.004%
78	11.096	3109	3112	3119	rBV4	1120	1255	0.05%	0.006%
79	11.215	3139	3149	3151	rBV7	1781	2422	0.09%	0.012%
80	11.292	3161	3173	3196	rBV	900531	1377448	52.19%	6.929%
81	11.517	3240	3243	3246	rBV3	1123	902	0.03%	0.005%
82	11.669	3277	3290	3310	rBV	1097455	1711557	64.85%	8.610%
83	11.855	3346	3348	3353	rVB4	924	582	0.02%	0.003%
84	11.881	3354	3356	3361	rVB4	886	632	0.02%	0.003%
85	12.103	3423	3425	3429	rVB3	1016	616	0.02%	0.003%
86	12.234	3464	3466	3469	rBV2	1205	587	0.02%	0.003%
87	12.254	3469	3472	3474	rBV2	866	632	0.02%	0.003%
88	12.341	3495	3499	3503	rBV4	1065	985	0.04%	0.005%
89	12.427	3523	3526	3529	rBV3	671	675	0.03%	0.003%
90	12.534	3556	3559	3563	rBV	736	705	0.03%	0.004%
91	12.894	3667	3671	3674	rVB3	1060	813	0.03%	0.004%
92	13.254	3778	3783	3784	rBV3	896	612	0.02%	0.003%
93	13.437	3837	3840	3842	rBV4	812	520	0.02%	0.003%
94	13.652	3903	3907	3911	rBV4	1092	875	0.03%	0.004%
95	13.800	3951	3953	3958	rBV5	1120	605	0.02%	0.003%
96	13.951	3996	4000	4005	rVB7	1031	1134	0.04%	0.006%
97	14.067	4034	4036	4041	rVB4	1143	771	0.03%	0.004%
98	14.199	4071	4077	4080	rBV6	1037	1194	0.05%	0.006%
99	14.601	4200	4202	4206	rVB2	1165	608	0.02%	0.003%
100	15.080	4349	4351	4354	rBV2	1081	727	0.03%	0.004%

Sum of corrected areas: 19878121

LSC Report - Integrated Chromatogram

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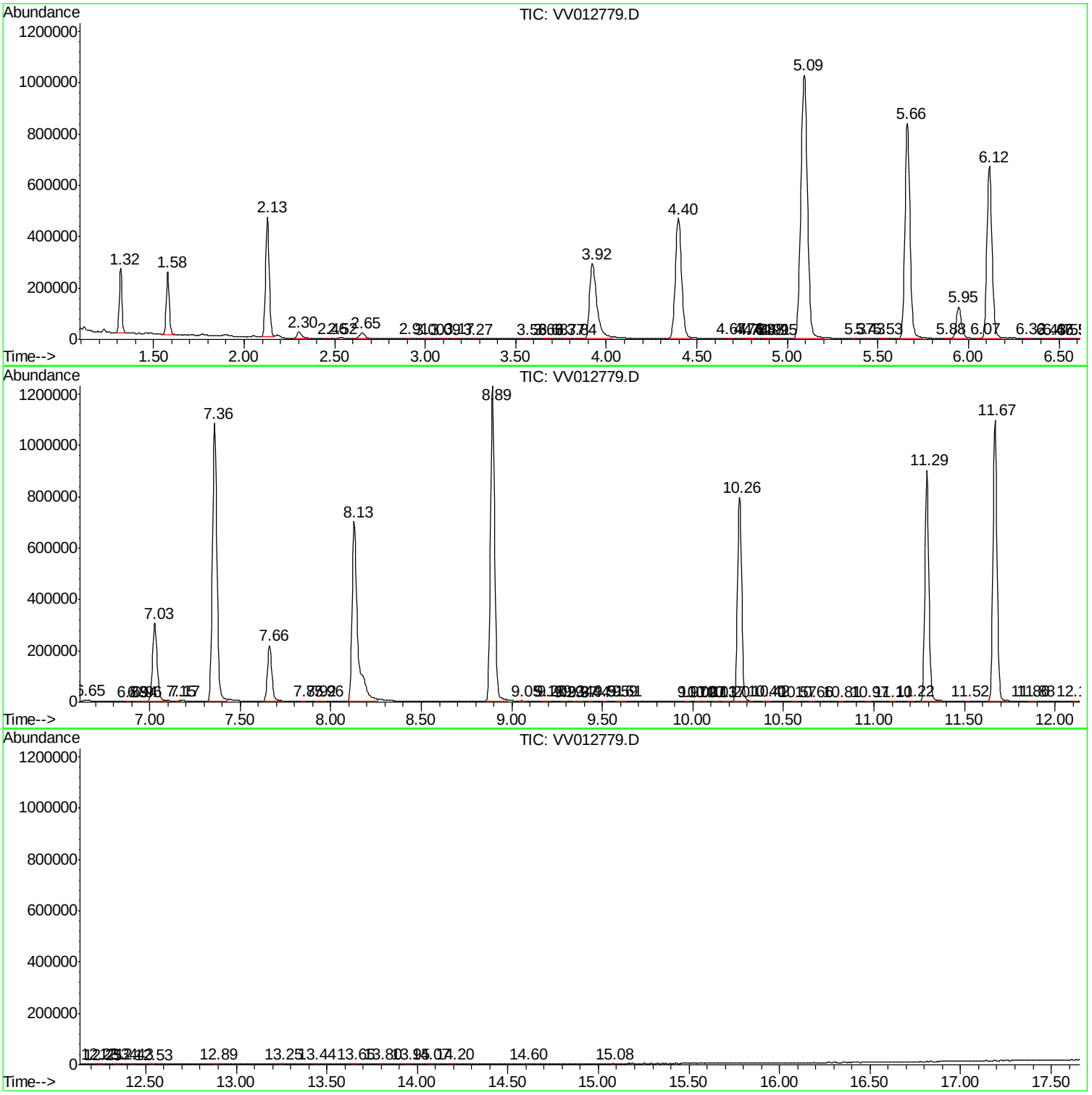
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0MH2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.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\VV091319\
Data File : VV012779.D
Acq On : 14 Sep 2019 20:35
Operator : SY/MD
Sample : K4867-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0MH2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
Quant Title : VOC Analysis

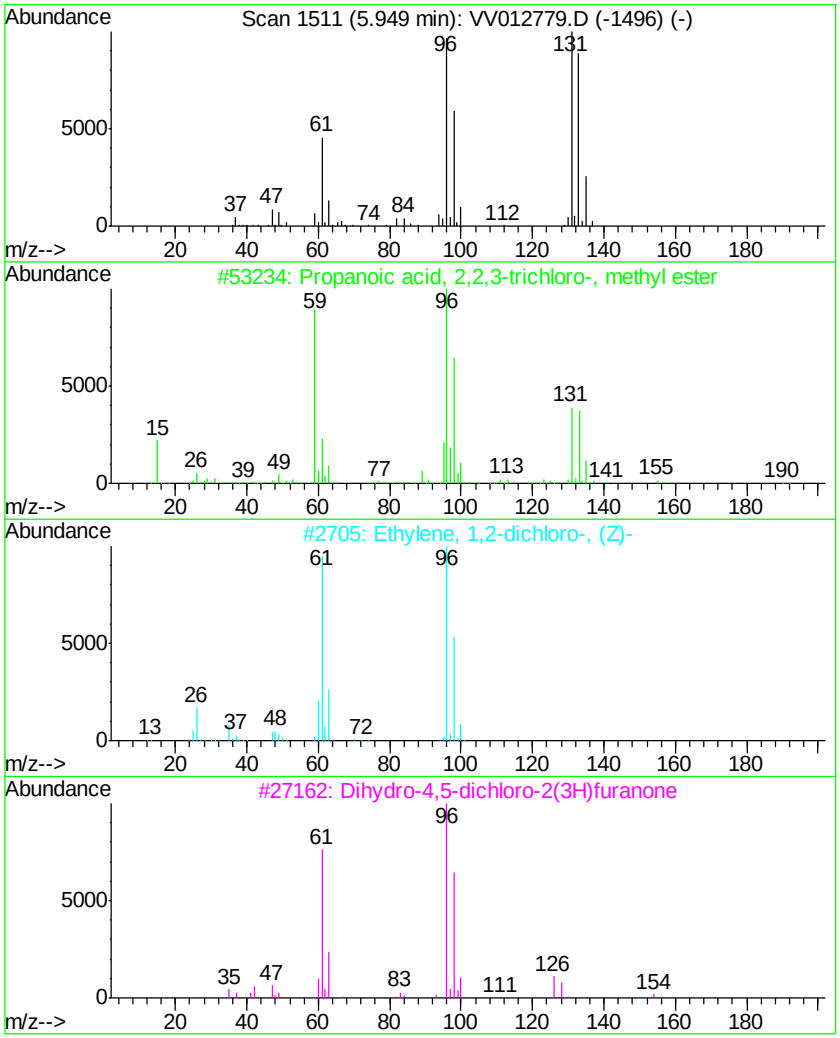
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

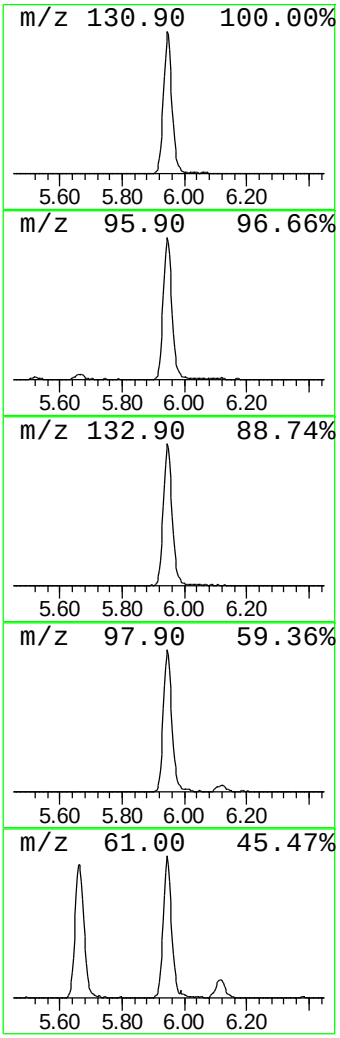
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	7.38 ug/L	244630	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	56
2	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
3	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
4	1H-Imidazole, 1,5-dimethyl-	96	C5H8N2	010447-93-5	9
5	Benzonitrile, 4-methoxy-	133	C8H7NO	000874-90-8	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...	5.95	7.4	ug/L	244630	1	5.66	1656980	50.0