LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101419\
Data File : VV013147.D
Acq On : 14 Oct 2019 17:40
Operator : SY/MD
Sample : K5347-05DL 5X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AF4DL

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\SOMVLM101119WMA.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	1.225	39	42	47	rVB	16263	12043	0.48%	0.061%
2	1.316	64	70	90	rVB	277022	301505	11.94%	1.515%
3	1.582	146	153	174	rVB	260170	301185	11.93%	1.513%
4	2.126	312	322	336	rBV	503147	704549	27.90%	3.540%
5	2.537	442	450	457	rBV4	3384	5446	0.22%	0.027%
6	2.643	479	483	485	rBV3	1809	1521	0.06%	0.008%
7	2.807	525	534	550	rVB6	4235	10091	0.40%	0.051%
8	3.074	615	617	624	rVB3	1039	944	0.04%	0.005%
9	3.126	631	633	639	rVB	654	564	0.02%	0.003%
10	3.168	639	646	647	rBV	493	477	0.02%	0.002%
11	3.238	663	668	672	rVB4	474	523	0.02%	0.003%
12	3.274	676	679	683	rVV2	644	586	0.02%	0.003%
13	3.315	687	692	695	rVV3	676	664	0.03%	0.003%
14	3.534	754	760	764	rBV2	527	541	0.02%	0.003%
15	3.573	770	772	776	rVB2	955	530	0.02%	0.003%
16	3.605	776	782	784	rBV2	766	768	0.03%	0.004%
17	3.640	789	793	800	rBV2	607	577	0.02%	0.003%
18	3.717	814	817	821	rBV3	554	475	0.02%	0.002%
19	3.791	832	840	843	rBV4	588	724	0.03%	0.004%
20	3.968	876	895	968	rBV2	110324	648610	25.69%	3.259%
21	4.399	1012	1029	1062	rBV	401419	983172	38.93%	4.940%
22	4.569	1080	1082	1086	rVB5	913	500	0.02%	0.003%
23	4.650	1103	1107	1110	rBV3	700	660	0.03%	0.003%
24	4.843	1160	1167	1170	rBV5	678	835	0.03%	0.004%
25	5.013	1217	1220	1222	rBV2	565	380	0.02%	0.002%
26	5.029	1222	1225	1227	rVV2	1027	543	0.02%	0.003%
27	5.093	1227	1245	1288	rVV2	1022519	2525223	100.00%	12.687%
28	5.315	1311	1314	1319	rBV6	1141	1024	0.04%	0.005%
29	5.383	1333	1335	1340	rVB5	613	395	0.02%	0.002%
30	5.438	1347	1352	1354	rVV4	667	511	0.02%	0.003%
31	5.502	1368	1372	1373	rBV2	546	397	0.02%	0.002%
32	5.524	1378	1379	1386	rVB4	972	694	0.03%	0.003%
33	5.598	1398	1402	1404	rBV3	682	405	0.02%	0.002%
34	5.663	1406	1422	1457	rBV	842070	1671638	66.20%	8.398%

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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
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Title : VOC Analysis

35	5.946	1494	1510	1531	rBV	62402	130403	5.16%	0.655%
36	6.032	1535	1537	1546	rVB6	761	875	0.03%	0.004%
37	6.116	1546	1563	1595	rBV	570069	1173213	46.46%	5.894%
38	6.402	1648	1652	1654	rBV2	747	653	0.03%	0.003%
39	6.418	1654	1657	1660	rVV2	687	411	0.02%	0.002%
40	6.454	1666	1668	1671	rBV	514	405	0.02%	0.002%
41	6.611	1712	1717	1719	rBV2	520	446	0.02%	0.002%
42	6.643	1723	1727	1728	rBV2	816	554	0.02%	0.003%
43	6.663	1728	1733	1741	rVV7	1577	2546	0.10%	0.013%
44	6.756	1759	1762	1765	rVB4	796	536	0.02%	0.003%
45	6.904	1807	1808	1812	rVB2	748	394	0.02%	0.002%
46	6.971	1825	1829	1833	rBV2	463	486	0.02%	0.002%
47	7.029	1833	1847	1872	rBV	279395	509548	20.18%	2.560%
48	7.187	1891	1896	1897	rBV3	1141	779	0.03%	0.004%
49	7.299	1928	1931	1936	rBV5	585	511	0.02%	0.003%
50	7.357	1936	1949	1983	rBV	1073623	1866393	73.91%	9.377%
51	7.663	2031	2044	2064	rBV	196549	346181	13.71%	1.739%
52	7.823	2091	2094	2096	rBV3	561	432	0.02%	0.002%
53	7.910	2118	2121	2124	rBV4	763	626	0.02%	0.003%
54	8.016	2141	2154	2180	rBV	801862	1346434	53.32%	6.765%
55	8.138	2180	2192	2242	rBV2	549428	1281469	50.75%	6.438%
56	8.611	2337	2339	2344	rBV3	621	451	0.02%	0.002%
57	8.717	2369	2372	2374	rBV4	694	483	0.02%	0.002%
58	8.794	2392	2396	2397	rBV2	465	402	0.02%	0.002%
59	8.894	2414	2427	2455	rBV	1204510	1977670	78.32%	9.936%
60	9.142	2501	2504	2507	rVB3	785	585	0.02%	0.003%
61	9.447	2594	2599	2600	rBV2	532	417	0.02%	0.002%
62	9.511	2614	2619	2622	rVB3	411	437	0.02%	0.002%
63	9.643	2657	2660	2665	rBV3	521	438	0.02%	0.002%
64	9.685	2670	2673	2677	rBV2	743	502	0.02%	0.003%
65	9.778	2698	2702	2709	rBV4	556	710	0.03%	0.004%
66	9.884	2728	2735	2738	rBV3	637	704	0.03%	0.004%
67	10.257	2837	2851	2873	rBV	714630	1132052	44.83%	5.688%
68	10.408	2896	2898	2902	rVV4	801	466	0.02%	0.002%
69	10.563	2943	2946	2949	rBV4	687	505	0.02%	0.003%
70	10.675	2979	2981	2986	rVB2	529	434	0.02%	0.002%
71	10.704	2986	2990	2993	rBV3	573	507	0.02%	0.003%

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ClientSampleId : C0AF4DL

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\SOMVLM101119WMA.M
Title : VOC Analysis

72	10.769	3005	3010	3015	rBV3	683	530	0.02%	0.003%
73	10.804	3015	3021	3024	rBV4	575	546	0.02%	0.003%
74	10.830	3026	3029	3032	rVB2	803	510	0.02%	0.003%
75	10.852	3032	3036	3038	rBV2	574	498	0.02%	0.003%
76	10.900	3047	3051	3056	rVB6	671	716	0.03%	0.004%
77	10.958	3065	3069	3072	rBV3	1021	901	0.04%	0.005%
78	11.035	3088	3093	3096	rBV3	644	619	0.02%	0.003%
79	11.090	3102	3110	3114	rBV4	776	1043	0.04%	0.005%
80	11.228	3151	3153	3158	rVB2	1381	929	0.04%	0.005%
81	11.293	3160	3173	3193	rBV	889689	1424226	56.40%	7.155%
82	11.611	3270	3272	3276	rBV4	816	562	0.02%	0.003%
83	11.669	3276	3290	3311	rBV	960663	1503143	59.53%	7.552%
84	11.884	3355	3357	3359	rBV2	788	450	0.02%	0.002%
85	11.920	3366	3368	3374	rBV3	484	388	0.02%	0.002%
86	12.180	3444	3449	3451	rBV2	752	758	0.03%	0.004%
87	12.318	3489	3492	3494	rBV2	631	397	0.02%	0.002%
88	12.376	3507	3510	3515	rBV5	618	510	0.02%	0.003%
89	12.601	3576	3580	3581	rBV2	521	392	0.02%	0.002%
90	12.627	3585	3588	3592	rVB2	723	498	0.02%	0.003%
91	12.649	3592	3595	3598	rBV	1053	869	0.03%	0.004%
92	12.910	3673	3676	3678	rBV2	649	384	0.02%	0.002%
93	13.013	3704	3708	3710	rBV2	707	631	0.02%	0.003%
94	13.161	3751	3754	3758	rBV3	437	414	0.02%	0.002%
95	13.231	3772	3776	3777	rBV3	672	491	0.02%	0.002%
96	13.241	3777	3779	3782	rVB2	801	443	0.02%	0.002%
97	13.312	3793	3801	3805	rBV7	1196	1748	0.07%	0.009%
98	13.550	3872	3875	3876	rBV2	1012	565	0.02%	0.003%
99	14.286	4098	4104	4106	rBV4	1358	1546	0.06%	0.008%
100	14.325	4113	4116	4121	rBV4	782	714	0.03%	0.004%

Sum of corrected areas: 19904179

LSC Report - Integrated Chromatogram

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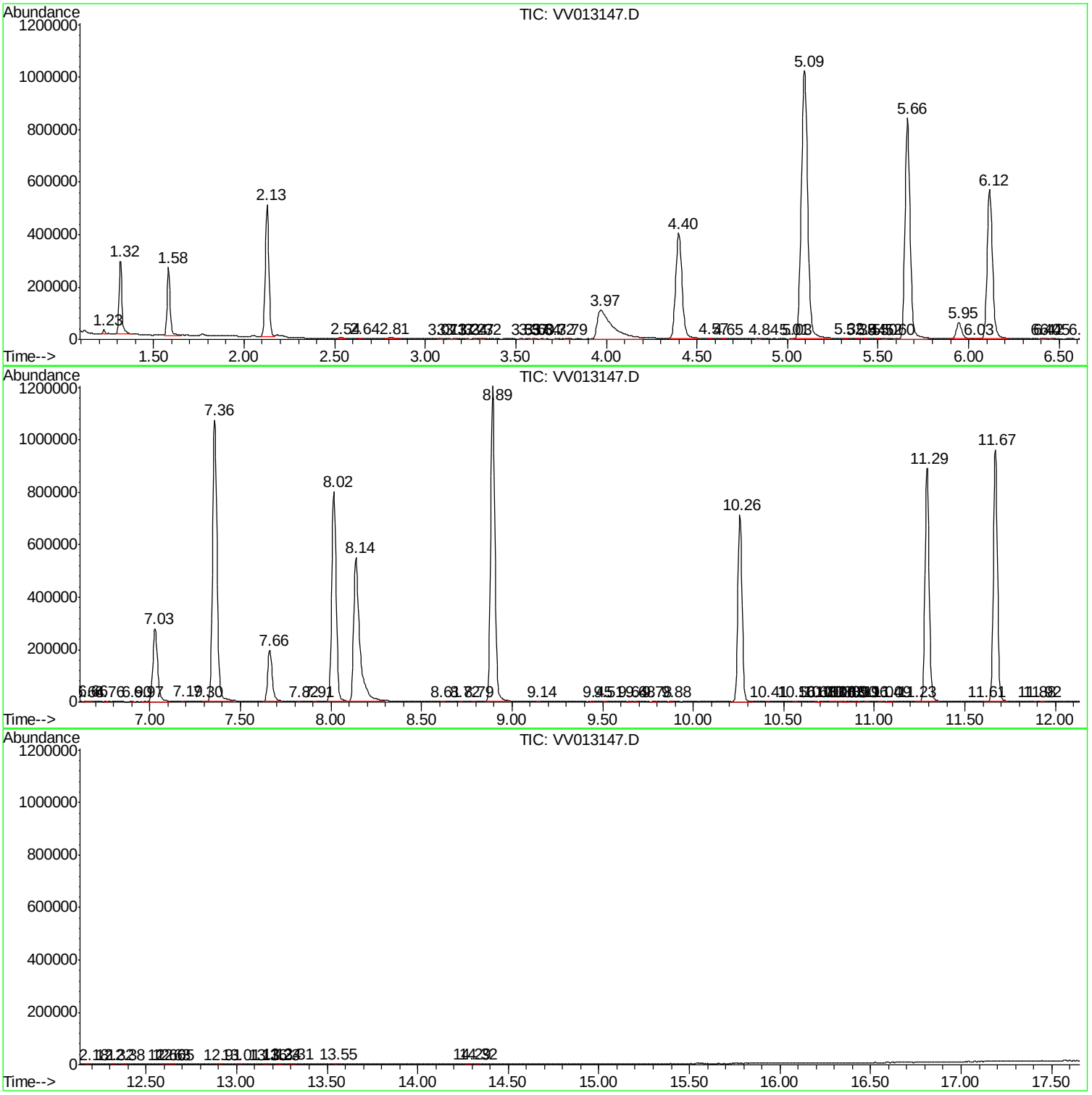
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AF4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.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\VV101419\
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Acq On : 14 Oct 2019 17:40
Operator : SY/MD
Sample : K5347-05DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AF4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Quant Title : VOC Analysis

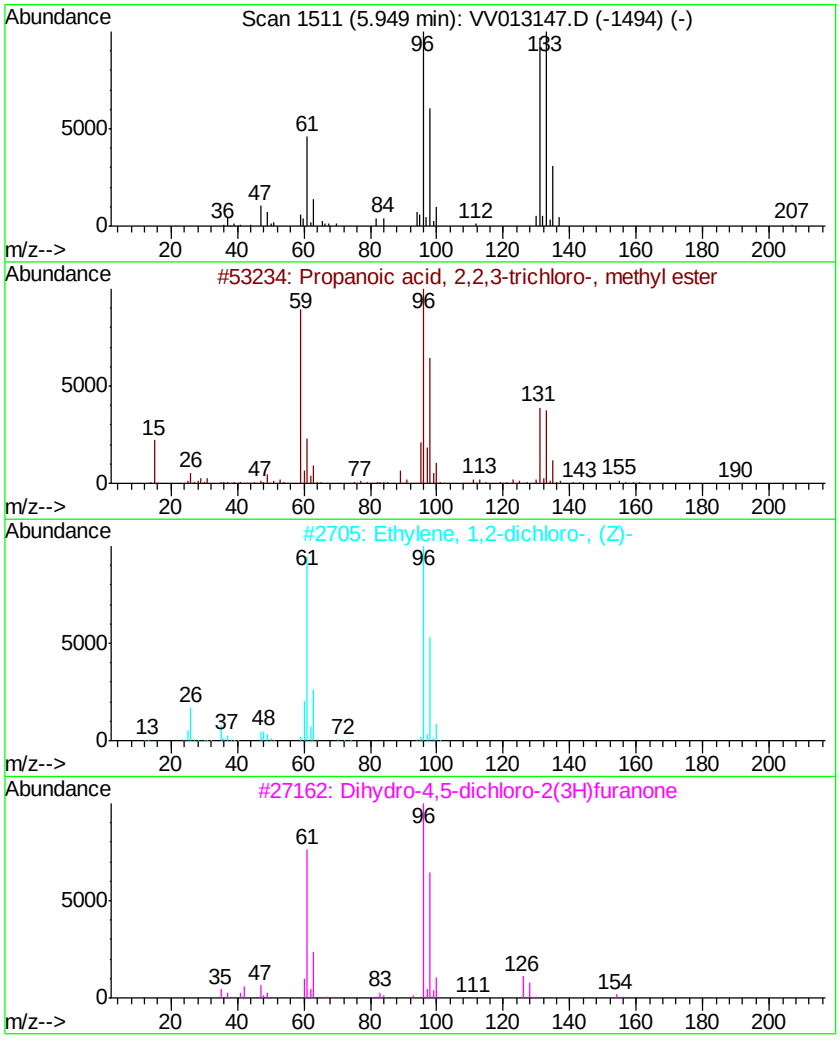
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

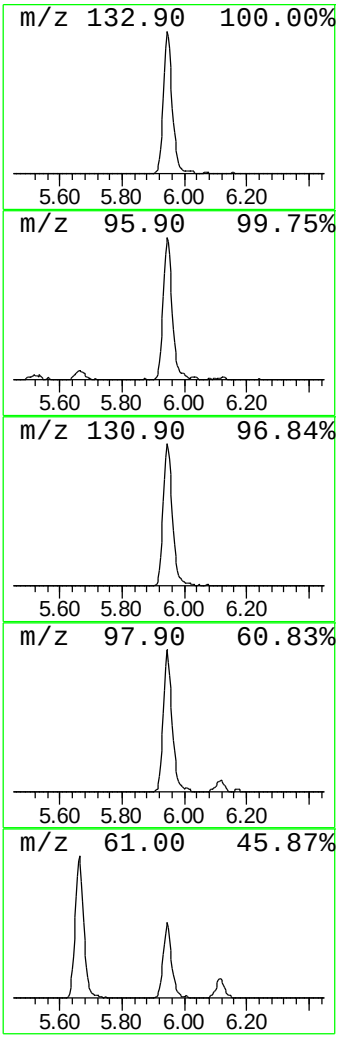
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	3.90 ug/L	130403	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	50
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	2-Cyano-3,5-dimethylpyrazine	133	C7H7N3	124629-52-3	9
5	4(1H)-Pyrimidinone	96	C4H4N2O	004562-27-0	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	3.9	ug/L	130403	1	5.66	1671640	50.0