LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120619\
Data File : VV013945.D
Acq On : 06 Dec 2019 16:13
Operator : SY/MD
Sample : K6170-03
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0BR9

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	1.318	65	71	80	rVB	324089	314728	14.37%	1.985%
2	1.569	143	149	164	rVB	315240	361357	16.50%	2.279%
3	2.126	314	322	334	rVB	641443	878771	40.12%	5.542%
4	2.396	404	406	408	rBV3	1191	656	0.03%	0.004%
5	2.447	419	422	426	rBV5	1728	1376	0.06%	0.009%
6	2.711	502	504	508	rBV3	1567	902	0.04%	0.006%
7	2.765	519	521	523	rBV2	983	416	0.02%	0.003%
8	2.904	562	564	566	rVB3	1111	513	0.02%	0.003%
9	2.933	566	573	575	rBV6	2350	2223	0.10%	0.014%
10	3.019	598	600	603	rVB3	1165	548	0.03%	0.003%
11	3.080	616	619	624	rBV7	1064	993	0.05%	0.006%
12	3.183	648	651	652	rBV2	1331	782	0.04%	0.005%
13	3.232	662	666	670	rBV5	630	608	0.03%	0.004%
14	3.425	721	726	727	rBV3	969	669	0.03%	0.004%
15	3.489	745	746	750	rBV3	739	448	0.02%	0.003%
16	3.547	762	764	770	rVB6	1588	1510	0.07%	0.010%
17	3.582	770	775	777	rBV5	1250	1004	0.05%	0.006%
18	3.634	787	791	795	rVB5	1065	709	0.03%	0.004%
19	3.669	798	802	805	rBV4	1001	803	0.04%	0.005%
20	3.740	821	824	827	rBV3	1280	1017	0.05%	0.006%
21	3.756	827	829	834	rVV5	1409	1472	0.07%	0.009%
22	3.788	837	839	842	rVB4	954	423	0.02%	0.003%
23	3.849	855	858	862	rBV5	1195	943	0.04%	0.006%
24	3.923	870	881	909	rBV	160157	429193	19.60%	2.706%
25	4.238	977	979	985	rVB5	1943	1566	0.07%	0.010%
26	4.270	987	989	991	rBV3	1131	413	0.02%	0.003%
27	4.396	1012	1028	1052	rBV	374117	895043	40.87%	5.644%
28	4.659	1108	1110	1113	rBV2	905	604	0.03%	0.004%
29	4.704	1121	1124	1128	rBV6	1430	1230	0.06%	0.008%
30	4.749	1136	1138	1141	rBV3	1182	829	0.04%	0.005%
31	4.778	1145	1147	1149	rVB3	1704	608	0.03%	0.004%
32	4.826	1159	1162	1163	rBV2	1011	436	0.02%	0.003%
33	4.916	1185	1190	1191	rBV5	1225	807	0.04%	0.005%
34	5.090	1226	1244	1278	rBV2	867270	2190172	100.00%	13.811%

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Instrument : MSVOA_V
ClientSampleId : C0BR9

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

35	5.341	1320	1322	1325	rBV3	1652	1145	0.05%	0.007%
36	5.659	1406	1421	1446	rBV	636712	1261718	57.61%	7.956%
37	5.945	1496	1510	1524	rBV2	46662	94850	4.33%	0.598%
38	6.112	1548	1562	1582	rBV	463259	935473	42.71%	5.899%
39	6.389	1645	1648	1650	rBV2	1374	892	0.04%	0.006%
40	6.508	1682	1685	1686	rBV3	766	516	0.02%	0.003%
41	6.540	1693	1695	1699	rBV4	617	422	0.02%	0.003%
42	6.826	1782	1784	1787	rBV4	1313	758	0.03%	0.005%
43	6.881	1799	1801	1804	rBV2	1382	688	0.03%	0.004%
44	6.926	1809	1815	1816	rBV4	878	861	0.04%	0.005%
45	7.026	1835	1846	1865	rBV	239952	429364	19.60%	2.708%
46	7.302	1930	1932	1934	rBV2	1341	814	0.04%	0.005%
47	7.357	1937	1949	1968	rVV	991156	1692954	77.30%	10.676%
48	7.563	2011	2013	2015	rBV2	1737	999	0.05%	0.006%
49	7.659	2031	2043	2059	rBV	181194	309021	14.11%	1.949%
50	8.128	2178	2189	2229	rBV3	462727	983184	44.89%	6.200%
51	8.614	2337	2340	2344	rBV4	1620	1308	0.06%	0.008%
52	8.784	2391	2393	2395	rBV3	1530	720	0.03%	0.005%
53	8.891	2414	2426	2451	rBV	974785	1586214	72.42%	10.003%
54	9.225	2526	2530	2533	rBV5	1547	1502	0.07%	0.009%
55	9.299	2549	2553	2555	rBV4	1579	1334	0.06%	0.008%
56	9.469	2601	2606	2608	rVB3	1429	1105	0.05%	0.007%
57	9.485	2608	2611	2612	rBV3	1387	726	0.03%	0.005%
58	9.553	2629	2632	2634	rVB3	1309	800	0.04%	0.005%
59	9.575	2634	2639	2640	rBV4	1664	1316	0.06%	0.008%
60	9.739	2686	2690	2692	rBV3	919	704	0.03%	0.004%
61	9.752	2692	2694	2696	rBV	929	507	0.02%	0.003%
62	9.829	2715	2718	2722	rVB3	1860	971	0.04%	0.006%
63	9.942	2749	2753	2754	rBV4	1257	809	0.04%	0.005%
64	10.087	2795	2798	2800	rBV2	847	533	0.02%	0.003%
65	10.151	2816	2818	2823	rVB5	1397	969	0.04%	0.006%
66	10.254	2839	2850	2867	rBV	600946	953414	43.53%	6.012%
67	10.514	2929	2931	2935	rVB4	1430	745	0.03%	0.005%
68	10.575	2948	2950	2956	rVB7	1792	1438	0.07%	0.009%
69	10.607	2958	2960	2963	rBV4	1338	859	0.04%	0.005%
70	10.649	2971	2973	2975	rBV3	928	510	0.02%	0.003%
71	10.701	2984	2989	2993	rVV6	1078	1295	0.06%	0.008%

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Integrator: RTE
Smoothing : OFF Filtering: 5
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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	10.775	3010	3012	3016	rVB5	1620	738	0.03%	0.005%
73	10.932	3059	3061	3063	rBV3	1247	592	0.03%	0.004%
74	11.009	3081	3085	3090	rBV7	1505	1550	0.07%	0.010%
75	11.103	3111	3114	3116	rBV3	1109	921	0.04%	0.006%
76	11.289	3160	3172	3187	rBV	746761	1158347	52.89%	7.305%
77	11.665	3278	3289	3312	rVB	826362	1307779	59.71%	8.247%
78	11.942	3372	3375	3377	rBV3	1895	996	0.05%	0.006%
79	12.087	3417	3420	3423	rBV3	1443	1005	0.05%	0.006%
80	12.160	3441	3443	3446	rVB2	1404	570	0.03%	0.004%
81	12.180	3446	3449	3452	rBV4	1186	956	0.04%	0.006%
82	12.321	3490	3493	3495	rBV2	813	491	0.02%	0.003%
83	12.559	3564	3567	3569	rBV2	1930	1123	0.05%	0.007%
84	12.572	3569	3571	3574	rVB4	1292	710	0.03%	0.004%
85	12.604	3578	3581	3585	rBV5	1065	735	0.03%	0.005%
86	12.630	3585	3589	3591	rBV5	1154	872	0.04%	0.005%
87	12.675	3598	3603	3604	rBV3	1276	953	0.04%	0.006%
88	12.685	3604	3606	3608	rVV3	1379	740	0.03%	0.005%
89	12.707	3611	3613	3615	rBV3	1773	773	0.04%	0.005%
90	12.804	3641	3643	3646	rBV2	917	654	0.03%	0.004%
91	12.935	3681	3684	3687	rBV3	1135	772	0.04%	0.005%
92	13.080	3722	3729	3731	rBV6	2236	2045	0.09%	0.013%
93	13.305	3795	3799	3802	rVB3	1788	1203	0.05%	0.008%
94	13.710	3923	3925	3929	rBV4	1289	703	0.03%	0.004%
95	13.810	3954	3956	3958	rBV3	1088	434	0.02%	0.003%
96	13.858	3969	3971	3973	rBV3	1457	630	0.03%	0.004%
97	13.974	4004	4007	4009	rBV2	1515	1035	0.05%	0.007%
98	14.376	4127	4132	4136	rBV8	1992	2476	0.11%	0.016%
99	14.549	4183	4186	4191	rBV6	2426	1903	0.09%	0.012%
100	14.736	4242	4244	4247	rBV3	1687	1060	0.05%	0.007%

Sum of corrected areas: 15857976

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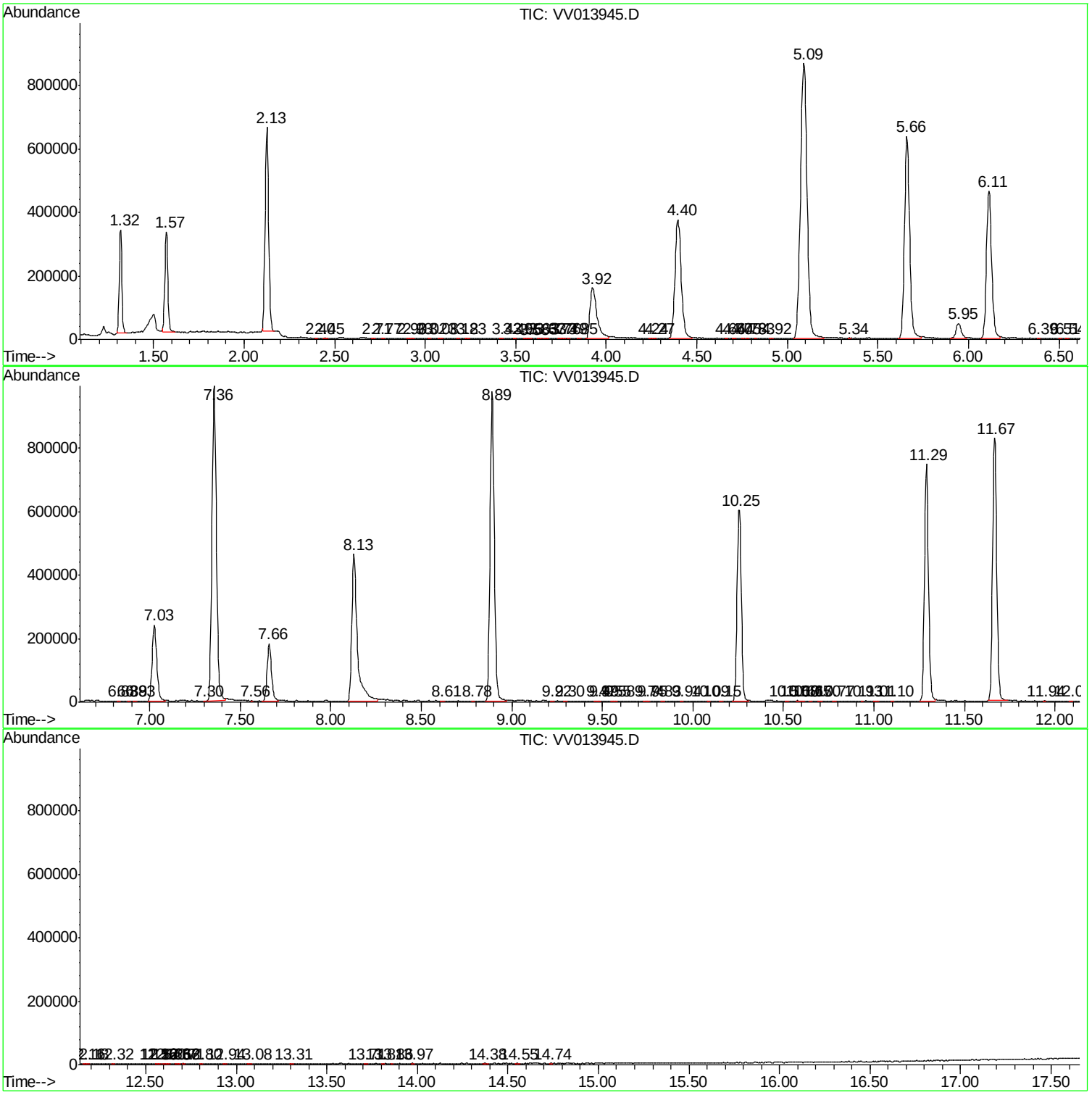
ClientSampleId :
C0BR9

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

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Instrument : MSVOA_V
ClientSampleId : C0BR9

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

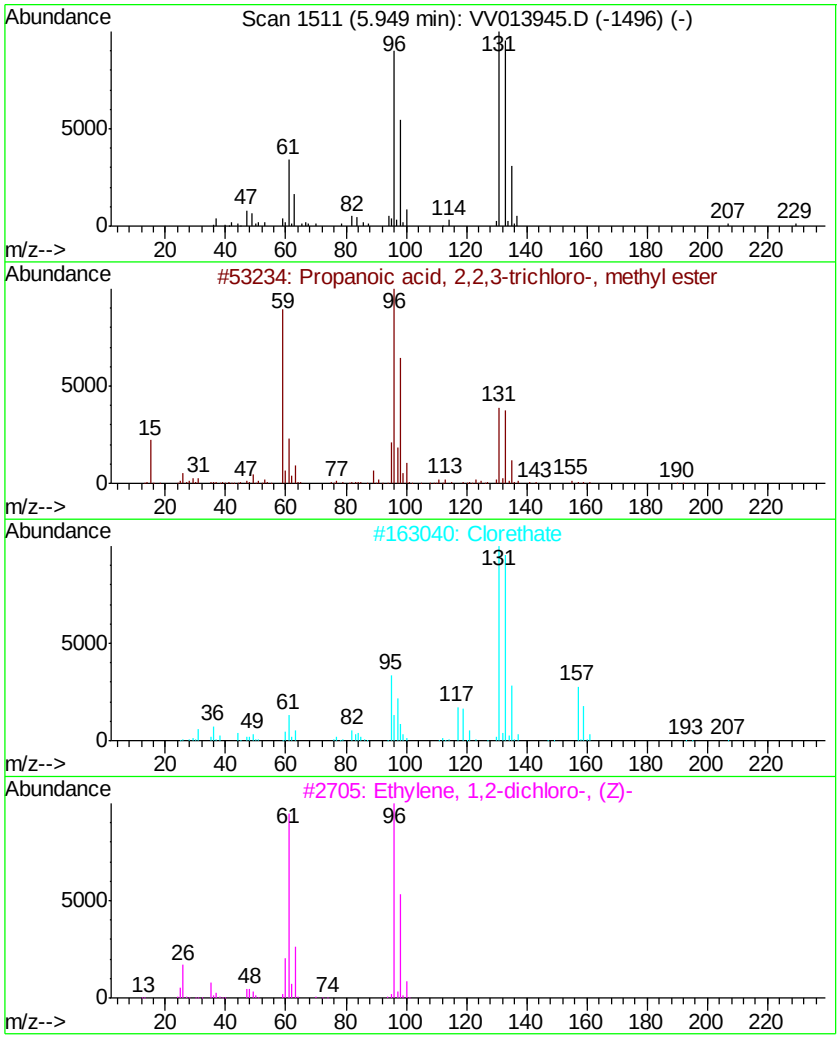
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

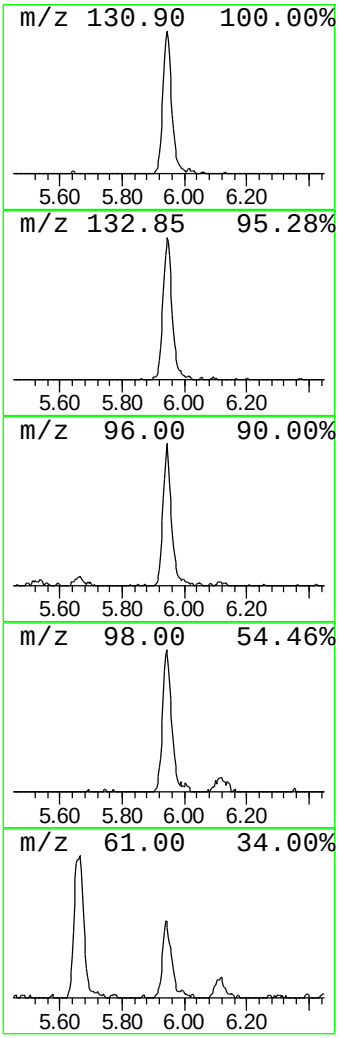
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	3.76 ug/L	94850	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	Clorethate	322	C5H4Cl6O3	005634-37-7	38
3	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	30
4	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	16
5	1,2,4-Triazolidin-3-one, 4-methy...	131	C3H5N3OS	022244-61-7	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	3.8	ug/L	94850	1	5.66	1261720	50.0