LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
Data File : VV016897.D
Acq On : 12 Jun 2020 22:33
Operator : SY/MD
Sample : L2914-13 10X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E25

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\SOMVLM060820WMA.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	63	70	82	rVB	163286	175584	13.49%	1.581%
2	1.566	143	148	159	rVB	103216	108040	8.30%	0.973%
3	2.113	309	318	337	rVB	263307	387947	29.80%	3.493%
4	2.354	390	393	396	rBV4	1448	839	0.06%	0.008%
5	2.434	416	418	423	rBV6	916	926	0.07%	0.008%
6	2.492	428	436	440	rBV8	2862	5009	0.38%	0.045%
7	2.740	509	513	516	rBV4	2233	2003	0.15%	0.018%
8	2.849	545	547	549	rBV3	1110	629	0.05%	0.006%
9	2.862	549	551	556	rVV5	1552	1416	0.11%	0.013%
10	2.891	556	560	562	rVB5	1241	696	0.05%	0.006%
11	3.052	607	610	612	rVV4	1347	790	0.06%	0.007%
12	3.065	612	614	619	rVB5	1860	1420	0.11%	0.013%
13	3.110	619	628	630	rBV8	1590	1519	0.12%	0.014%
14	3.145	637	639	642	rVB3	1462	789	0.06%	0.007%
15	3.351	702	703	707	rVB4	1231	689	0.05%	0.006%
16	3.376	707	711	712	rBV4	1001	681	0.05%	0.006%
17	3.428	723	727	728	rBV3	1157	754	0.06%	0.007%
18	3.447	731	733	737	rVV4	1651	1056	0.08%	0.010%
19	3.476	740	742	746	rVB5	1181	782	0.06%	0.007%
20	3.698	807	811	814	rVB4	1751	1242	0.10%	0.011%
21	3.720	814	818	819	rBV2	1192	758	0.06%	0.007%
22	3.772	827	834	837	rBV8	2820	3018	0.23%	0.027%
23	3.904	864	875	899	rBV	102374	293043	22.51%	2.638%
24	4.373	1003	1021	1043	rBV	258379	654231	50.25%	5.890%
25	4.646	1103	1106	1110	rBV5	1763	1694	0.13%	0.015%
26	4.868	1174	1175	1178	rBV3	1245	616	0.05%	0.006%
27	4.936	1192	1196	1203	rBV8	1855	2219	0.17%	0.020%
28	5.071	1219	1238	1243	rBV2	565734	1302051	100.00%	11.722%
29	5.640	1402	1415	1435	rVV	462696	914647	70.25%	8.235%
30	5.926	1493	1504	1518	rBV3	22149	48964	3.76%	0.441%
31	6.010	1528	1530	1532	rBV4	2043	1249	0.10%	0.011%
32	6.093	1544	1556	1576	rVB	311486	625847	48.07%	5.635%
33	6.380	1642	1645	1646	rBV3	1263	778	0.06%	0.007%
34	6.627	1720	1722	1724	rBV2	1621	723	0.06%	0.007%

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Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E25

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\SOMVLM060820WMA.M
Title : VOC Analysis

35	6.743	1753	1758	1761	rBV6	1419	1206	0.09%	0.011%
36	6.881	1798	1801	1803	rBV4	1476	861	0.07%	0.008%
37	6.936	1816	1818	1819	rBV2	1707	886	0.07%	0.008%
38	7.007	1828	1840	1857	rBV	181807	329793	25.33%	2.969%
39	7.248	1913	1915	1920	rVV5	994	727	0.06%	0.007%
40	7.338	1929	1943	1959	rBV	644209	1116982	85.79%	10.056%
41	7.640	2027	2037	2056	rBV	130952	225563	17.32%	2.031%
42	7.775	2077	2079	2082	rBV3	1633	1336	0.10%	0.012%
43	7.865	2105	2107	2111	rVB4	1994	1009	0.08%	0.009%
44	7.936	2126	2129	2131	rBV4	1296	733	0.06%	0.007%
45	8.116	2173	2185	2217	rBV2	273083	641885	49.30%	5.779%
46	8.498	2302	2304	2309	rBV5	1197	1187	0.09%	0.011%
47	8.601	2334	2336	2338	rBV3	1128	642	0.05%	0.006%
48	8.656	2351	2353	2355	rBV3	1402	811	0.06%	0.007%
49	8.781	2387	2392	2395	rBV7	1561	1647	0.13%	0.015%
50	8.833	2404	2408	2409	rBV4	1170	833	0.06%	0.007%
51	8.875	2409	2421	2432	rBV	685512	1114159	85.57%	10.031%
52	9.035	2461	2471	2488	rVB	94210	151133	11.61%	1.361%
53	9.283	2536	2548	2556	rBV3	22936	41036	3.15%	0.369%
54	9.566	2631	2636	2645	rBV2	9576	12343	0.95%	0.111%
55	9.688	2670	2674	2677	rBV5	1877	1399	0.11%	0.013%
56	9.740	2682	2690	2701	rVB5	6741	12768	0.98%	0.115%
57	9.807	2707	2711	2712	rBV4	3003	2369	0.18%	0.021%
58	10.161	2818	2821	2824	rBV4	2053	1803	0.14%	0.016%
59	10.238	2834	2845	2863	rBV	402487	649746	49.90%	5.850%
60	10.727	2991	2997	3000	rBV8	2026	2155	0.17%	0.019%
61	10.977	3073	3075	3079	rBV5	1433	959	0.07%	0.009%
62	11.112	3113	3117	3119	rBV4	2607	1833	0.14%	0.017%
63	11.270	3154	3166	3187	rBV	712321	1093547	83.99%	9.845%
64	11.556	3247	3255	3262	rVB10	5139	8892	0.68%	0.080%
65	11.585	3262	3264	3267	rBV3	1172	941	0.07%	0.008%
66	11.646	3272	3283	3304	rVB	686776	1096457	84.21%	9.871%
67	11.936	3371	3373	3375	rBV3	1679	834	0.06%	0.008%
68	12.067	3412	3414	3417	rBV4	1501	1008	0.08%	0.009%
69	12.119	3427	3430	3435	rVV8	1972	2100	0.16%	0.019%
70	12.325	3490	3494	3497	rBV5	1071	1035	0.08%	0.009%
71	12.408	3517	3520	3524	rBV7	1884	1716	0.13%	0.015%

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Instrument : MSVOA_V
ClientSampleId : F9E25

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\SOMVLM060820WMA.M
Title : VOC Analysis

72	12.453	3531	3534	3535	rBV2	1120	629	0.05%	0.006%
73	12.649	3593	3595	3598	rVB3	1317	799	0.06%	0.007%
74	12.743	3621	3624	3626	rBV4	1605	1023	0.08%	0.009%
75	12.797	3639	3641	3645	rVB3	1321	853	0.07%	0.008%
76	12.852	3654	3658	3659	rBV3	1465	1013	0.08%	0.009%
77	12.907	3670	3675	3679	rBV8	1662	1725	0.13%	0.016%
78	12.964	3686	3693	3696	rBV9	1220	1458	0.11%	0.013%
79	13.035	3712	3715	3716	rBV3	1247	709	0.05%	0.006%
80	13.067	3723	3725	3728	rVB3	2375	1443	0.11%	0.013%
81	13.087	3728	3731	3733	rBV3	1278	727	0.06%	0.007%
82	13.312	3800	3801	3806	rVB4	1649	845	0.06%	0.008%
83	13.341	3806	3810	3813	rBV4	1464	1129	0.09%	0.010%
84	13.354	3813	3814	3820	rVB4	1303	874	0.07%	0.008%
85	13.395	3821	3827	3828	rBV5	1387	954	0.07%	0.009%
86	13.489	3853	3856	3860	rBV5	2162	2010	0.15%	0.018%
87	13.524	3863	3867	3874	rBV9	3826	6004	0.46%	0.054%
88	13.620	3891	3897	3898	rBV5	1201	1060	0.08%	0.010%
89	13.646	3901	3905	3909	rBV6	1731	1849	0.14%	0.017%
90	13.772	3939	3944	3946	rBV5	1465	1606	0.12%	0.014%
91	13.797	3949	3952	3956	rBV5	1514	1171	0.09%	0.011%
92	13.878	3976	3977	3981	rVB4	1120	633	0.05%	0.006%
93	14.067	4033	4036	4039	rBV4	2226	1605	0.12%	0.014%
94	14.141	4054	4059	4064	rVB9	1407	1545	0.12%	0.014%
95	14.485	4161	4166	4168	rBV6	1023	929	0.07%	0.008%
96	14.617	4202	4207	4209	rBV5	1384	1447	0.11%	0.013%
97	14.723	4235	4240	4245	rBV7	2100	2177	0.17%	0.020%
98	14.903	4294	4296	4300	rBV4	1462	624	0.05%	0.006%
99	15.148	4366	4372	4373	rBV5	1690	1817	0.14%	0.016%
100	15.579	4501	4506	4508	rBV5	1893	1723	0.13%	0.016%

Sum of corrected areas: 11107364

LSC Report - Integrated Chromatogram

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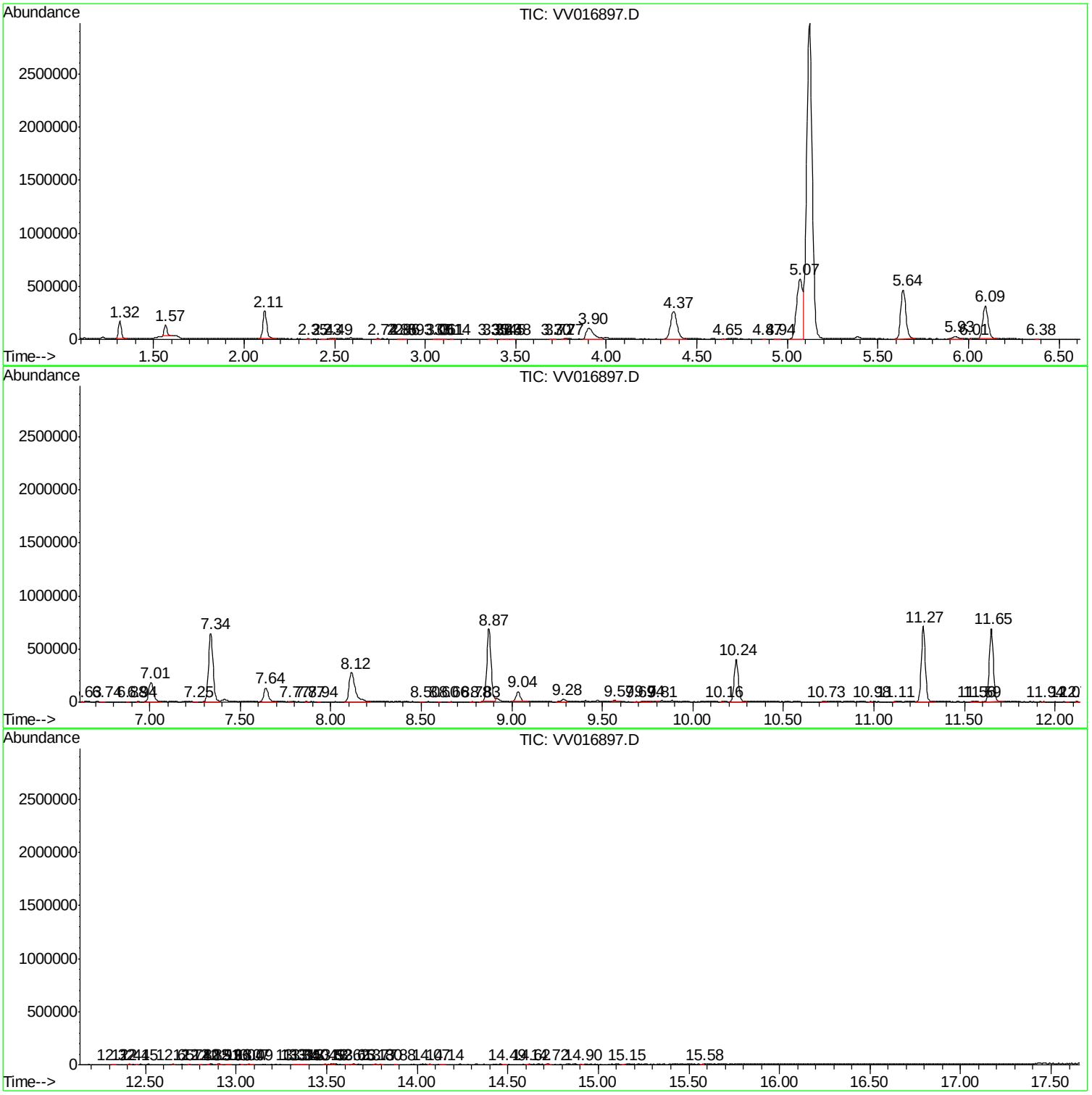
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E25

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.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\VV061220\
Data File : VV016897.D
Acq On : 12 Jun 2020 22:33
Operator : SY/MD
Sample : L2914-13 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E25

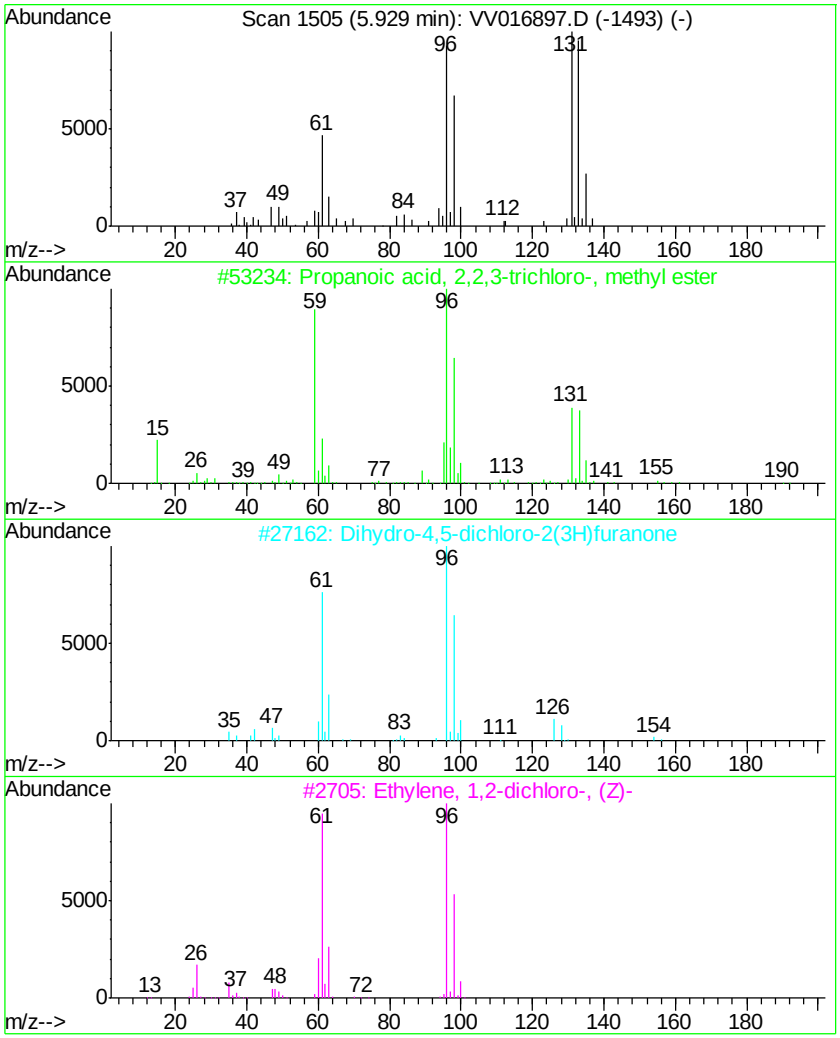
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

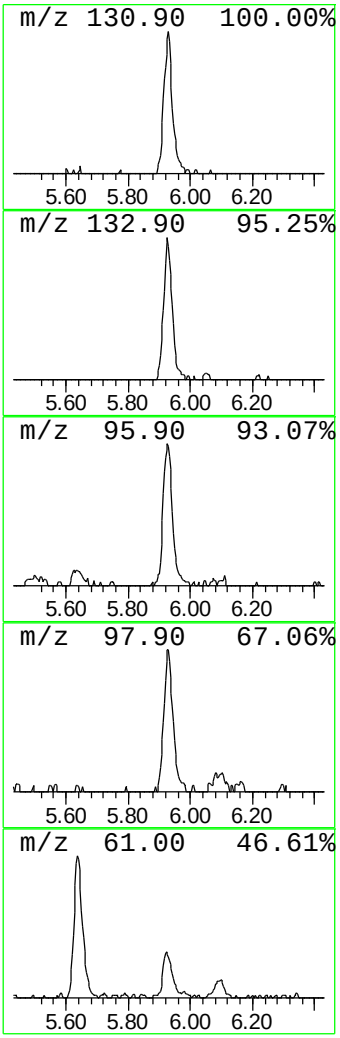
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.68 ug/L	48964	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	56
2	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	35
3	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	35
4	Benzene, fluoro-	96	C6H5F	000462-06-6	9
5	Pyrimidine, 4-hydroxy-	96	C4H4N2O	051953-18-5	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...	5.93	2.7	ug/L	48964	1	5.64	914647	50.0