LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061520\
Data File : VV016943.D
Acq On : 15 Jun 2020 18:39
Operator : SY/MD
Sample : VIBLK63
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK63

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	64	70	80	rVB	152021	156191	11.40%	1.497%
2	1.569	142	149	158	rVB	116631	135849	9.92%	1.302%
3	2.119	311	320	339	rVB	266698	392358	28.64%	3.761%
4	2.389	401	404	406	rBV4	1645	1175	0.09%	0.011%
5	2.454	422	424	426	rBV2	1212	608	0.04%	0.006%
6	2.611	470	473	474	rBV2	2035	936	0.07%	0.009%
7	2.688	495	497	501	rBV5	1761	1035	0.08%	0.010%
8	2.759	517	519	521	rBV3	1446	825	0.06%	0.008%
9	2.836	540	543	544	rBV3	1357	773	0.06%	0.007%
10	2.968	581	584	585	rBV2	1611	707	0.05%	0.007%
11	3.052	608	610	613	rBV4	1132	707	0.05%	0.007%
12	3.363	704	707	708	rBV3	1354	637	0.05%	0.006%
13	3.454	733	735	739	rBV4	1674	1181	0.09%	0.011%
14	3.508	747	752	753	rBV4	1446	1181	0.09%	0.011%
15	3.572	768	772	775	rVB6	1296	1104	0.08%	0.011%
16	3.592	776	778	781	rBV4	1334	808	0.06%	0.008%
17	3.634	789	791	796	rBV5	844	587	0.04%	0.006%
18	3.772	829	834	837	rVB5	1104	1072	0.08%	0.010%
19	3.810	842	846	848	rBV4	1606	1271	0.09%	0.012%
20	3.843	854	856	859	rBV4	1389	982	0.07%	0.009%
21	3.859	859	861	862	rVV2	1504	541	0.04%	0.005%
22	3.894	862	872	902	rVV	104790	284119	20.74%	2.724%
23	4.228	975	976	978	rBV2	1287	529	0.04%	0.005%
24	4.293	994	996	998	rBV3	1161	684	0.05%	0.007%
25	4.373	1007	1021	1048	rVB	224393	546081	39.86%	5.235%
26	4.765	1140	1143	1146	rBV4	1636	989	0.07%	0.009%
27	5.071	1217	1238	1259	rBV2	535140	1370047	100.00%	13.133%
28	5.524	1375	1379	1380	rBV4	1283	1028	0.08%	0.010%
29	5.640	1402	1415	1433	rBV	403355	800695	58.44%	7.675%
30	5.839	1474	1477	1480	rBV5	2106	1412	0.10%	0.014%
31	5.855	1480	1482	1484	rBV3	1084	578	0.04%	0.006%
32	5.926	1495	1504	1521	rVB2	29474	64221	4.69%	0.616%
33	6.093	1543	1556	1580	rBV	307444	623419	45.50%	5.976%
34	6.280	1610	1614	1619	rVB7	1825	1706	0.12%	0.016%

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ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK63

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\SOMVLM060820WMA.M
Title : VOC Analysis

35	6.331	1627	1630	1631	rBV3	1237	585	0.04%	0.006%
36	6.424	1657	1659	1662	rBV3	1633	821	0.06%	0.008%
37	6.482	1676	1677	1680	rVB3	1681	670	0.05%	0.006%
38	6.640	1722	1726	1728	rBV3	1505	904	0.07%	0.009%
39	6.945	1817	1821	1824	rBV5	1887	1367	0.10%	0.013%
40	7.006	1830	1840	1856	rBV2	176663	312015	22.77%	2.991%
41	7.122	1873	1876	1878	rBV3	2255	1304	0.10%	0.012%
42	7.228	1905	1909	1912	rVB4	2620	1601	0.12%	0.015%
43	7.248	1912	1915	1918	rBV3	1606	1130	0.08%	0.011%
44	7.338	1930	1943	1959	rBV	646183	1116285	81.48%	10.701%
45	7.531	2002	2003	2007	rBV3	1094	501	0.04%	0.005%
46	7.640	2029	2037	2054	rVB2	126550	210538	15.37%	2.018%
47	7.929	2124	2127	2131	rVB5	2099	1393	0.10%	0.013%
48	7.952	2131	2134	2137	rBV5	1743	1339	0.10%	0.013%
49	8.106	2171	2182	2213	rBV2	311547	616396	44.99%	5.909%
50	8.395	2270	2272	2274	rBV2	1620	850	0.06%	0.008%
51	8.453	2288	2290	2292	rBV3	1706	947	0.07%	0.009%
52	8.540	2314	2317	2320	rBV4	1646	1245	0.09%	0.012%
53	8.611	2336	2339	2342	rVB5	2384	1444	0.11%	0.014%
54	8.875	2409	2421	2438	rBV	617859	991000	72.33%	9.500%
55	9.074	2481	2483	2486	rVB4	1256	593	0.04%	0.006%
56	9.090	2486	2488	2491	rBV4	1572	907	0.07%	0.009%
57	9.254	2536	2539	2540	rBV2	1207	748	0.05%	0.007%
58	9.331	2561	2563	2567	rBV5	897	555	0.04%	0.005%
59	9.402	2583	2585	2589	rVV3	1139	741	0.05%	0.007%
60	9.424	2589	2592	2593	rBV3	1246	627	0.05%	0.006%
61	9.456	2600	2602	2604	rBV3	1330	728	0.05%	0.007%
62	9.521	2620	2622	2624	rBV3	1089	637	0.05%	0.006%
63	9.733	2685	2688	2689	rBV3	2176	1078	0.08%	0.010%
64	9.929	2747	2749	2754	rVB4	2373	1590	0.12%	0.015%
65	9.958	2754	2758	2761	rBV6	1765	1423	0.10%	0.014%
66	10.058	2786	2789	2791	rBV3	996	506	0.04%	0.005%
67	10.116	2805	2807	2811	rVB4	1717	967	0.07%	0.009%
68	10.167	2821	2823	2825	rBV4	1435	880	0.06%	0.008%
69	10.238	2834	2845	2861	rVB	385534	590798	43.12%	5.663%
70	10.405	2891	2897	2902	rVB9	1903	1959	0.14%	0.019%
71	10.479	2917	2920	2921	rBV3	1771	903	0.07%	0.009%

LSC Area Percent Report

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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

72	10.588	2951	2954	2957	rBV4	1161	1115	0.08%	0.011%
73	10.842	3032	3033	3035	rBV	977	517	0.04%	0.005%
74	11.003	3082	3083	3085	rBV2	1397	620	0.05%	0.006%
75	11.270	3154	3166	3181	rBV	654401	1009969	73.72%	9.681%
76	11.482	3229	3232	3239	rVB7	1938	1591	0.12%	0.015%
77	11.511	3239	3241	3244	rBV4	1378	952	0.07%	0.009%
78	11.646	3271	3283	3300	rBV	730060	1130277	82.50%	10.835%
79	11.826	3336	3339	3343	rVB4	1507	1084	0.08%	0.010%
80	11.862	3347	3350	3351	rBV2	1296	638	0.05%	0.006%
81	12.000	3388	3393	3395	rBV4	2041	1514	0.11%	0.015%
82	12.071	3413	3415	3417	rBV3	1162	520	0.04%	0.005%
83	12.161	3440	3443	3446	rBV4	1587	1169	0.09%	0.011%
84	12.241	3465	3468	3473	rBV6	1345	1471	0.11%	0.014%
85	12.582	3572	3574	3578	rVB3	1129	667	0.05%	0.006%
86	12.804	3640	3643	3645	rVB4	1312	577	0.04%	0.006%
87	12.903	3669	3674	3678	rBV7	1524	1879	0.14%	0.018%
88	13.019	3707	3710	3711	rBV3	966	534	0.04%	0.005%
89	13.119	3737	3741	3743	rBV5	1253	1131	0.08%	0.011%
90	13.270	3786	3788	3789	rBV2	1150	521	0.04%	0.005%
91	13.331	3804	3807	3809	rBV4	1699	1017	0.07%	0.010%
92	13.370	3817	3819	3824	rVB5	1743	1300	0.09%	0.012%
93	13.624	3896	3898	3901	rVB2	1445	691	0.05%	0.007%
94	13.714	3922	3926	3930	rBV6	2595	2694	0.20%	0.026%
95	13.833	3961	3963	3964	rVV3	1846	715	0.05%	0.007%
96	13.884	3975	3979	3981	rVV5	1082	726	0.05%	0.007%
97	13.945	3994	3998	4001	rBV5	1967	2103	0.15%	0.020%
98	14.485	4164	4166	4169	rBV4	1471	702	0.05%	0.007%
99	14.562	4188	4190	4191	rBV2	1722	759	0.06%	0.007%
100	14.733	4241	4243	4245	rBV2	1289	553	0.04%	0.005%

Sum of corrected areas: 10432017

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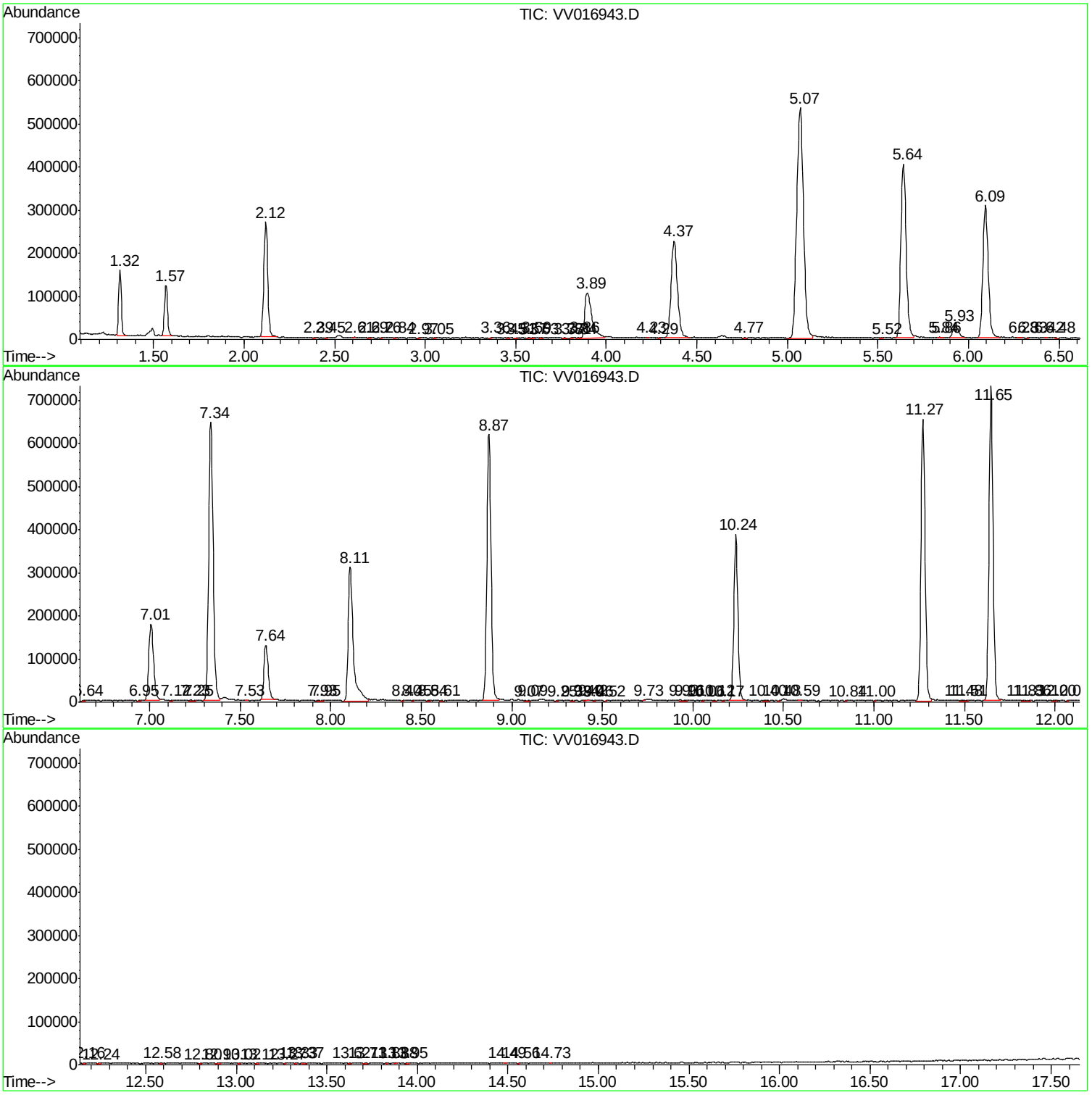
Instrument : MSVOA_V
ClientSampleId : VIBLK63

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\VV061520\
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Acq On : 15 Jun 2020 18:39
Operator : SY/MD
Sample : VIBLK63
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ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK63

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

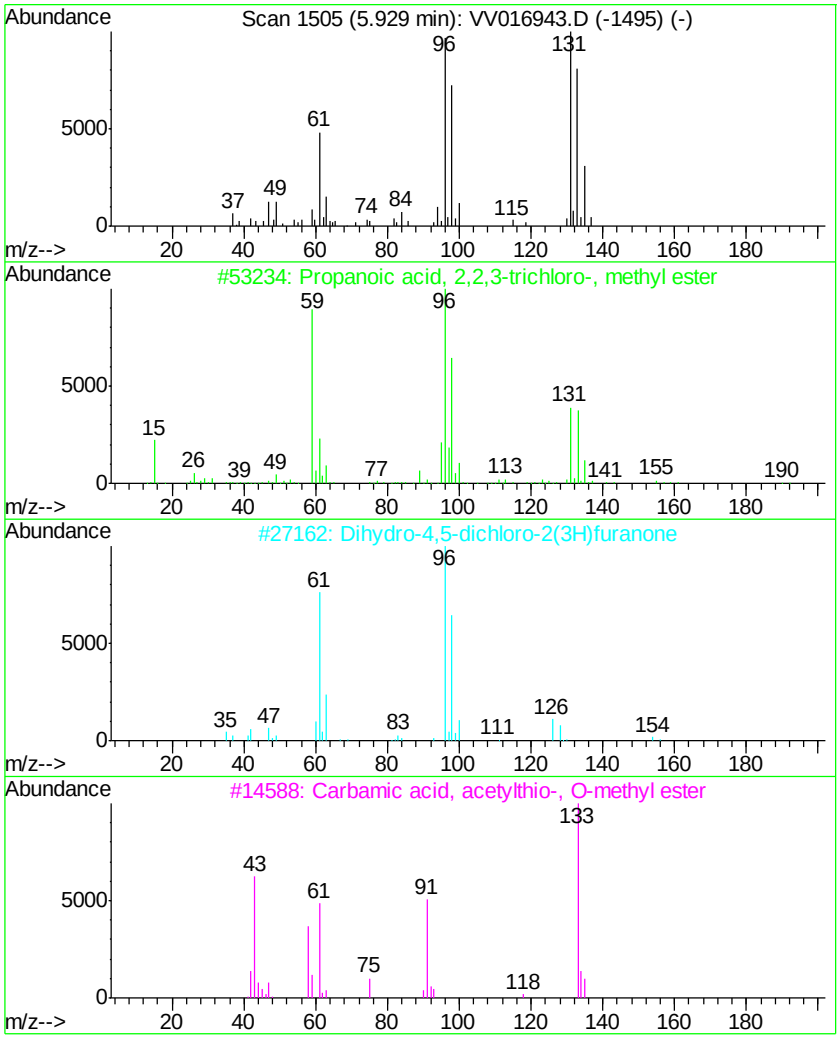
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

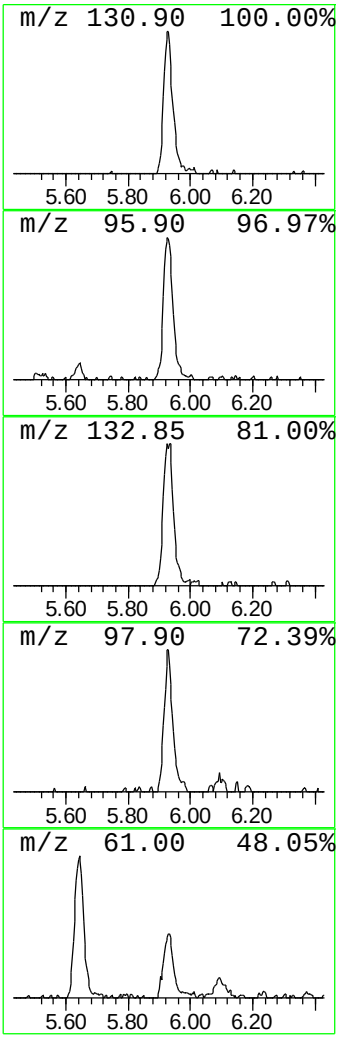
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	4.01 ug/L	64221	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	39
2	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
3	Carbamic acid, acetylthio-, O-me...	133	C4H7NO2S	016696-87-0	22
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	17
5	m-Methoxybenzontrile	133	C8H7NO	001527-89-5	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
unknown-01	5.93	4.0	ug/L	64221	1	5.64	800695	50.0