LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103019\
Data File : VW013837.D
Acq On : 30 Oct 2019 15:04
Operator : SY/VA
Sample : K5552-05RE
Misc : 7.24G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAQ78RE

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_W\METHOD\SOM2WLM101819S.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	2.355	68	74	87	rVB	68550	134260	12.93%	1.710%
2	2.495	91	97	106	rBV	33436	80247	7.73%	1.022%
3	2.891	155	162	172	rVB	48457	116260	11.20%	1.481%
4	3.306	228	230	232	rBV	347	288	0.03%	0.004%
5	3.385	237	243	244	rBV4	753	1308	0.13%	0.017%
6	3.477	255	258	261	rBV4	409	526	0.05%	0.007%
7	3.519	264	265	266	rBV	481	296	0.03%	0.004%
8	3.696	291	294	296	rBV	382	465	0.04%	0.006%
9	4.025	334	348	358	rBV	111822	368011	35.45%	4.688%
10	4.385	397	407	408	rBV3	3539	5612	0.54%	0.071%
11	4.495	423	425	426	rBV	377	255	0.02%	0.003%
12	4.629	445	447	450	rBV2	210	305	0.03%	0.004%
13	4.672	452	454	457	rVV3	570	688	0.07%	0.009%
14	4.696	457	458	461	rVV	389	351	0.03%	0.004%
15	4.928	486	496	505	rBV6	3350	13141	1.27%	0.167%
16	5.153	527	533	542	rBV3	1034	2835	0.27%	0.036%
17	5.263	549	551	553	rBV	297	272	0.03%	0.003%
18	5.549	594	598	602	rVB2	295	393	0.04%	0.005%
19	5.690	619	621	623	rVB	347	274	0.03%	0.003%
20	5.775	627	635	636	rBV2	4638	7002	0.67%	0.089%
21	5.934	651	661	673	rVB3	7275	22272	2.15%	0.284%
22	6.013	673	674	678	rBV2	340	394	0.04%	0.005%
23	6.177	698	701	703	rBV2	284	273	0.03%	0.003%
24	6.305	719	722	725	rVV2	266	308	0.03%	0.004%
25	6.458	743	747	751	rBV3	278	529	0.05%	0.007%
26	6.897	812	819	829	rVV7	4506	13312	1.28%	0.170%
27	7.080	840	849	855	rBV2	41391	120627	11.62%	1.537%
28	7.256	874	878	887	rVB5	6090	14737	1.42%	0.188%
29	7.482	912	915	918	rBV2	253	334	0.03%	0.004%
30	7.561	926	928	931	rBV3	356	420	0.04%	0.005%
31	7.647	931	942	954	rVV	174169	427585	41.19%	5.447%
32	7.805	966	968	971	rVB3	328	311	0.03%	0.004%
33	7.958	990	993	996	rBV2	438	682	0.07%	0.009%
34	8.122	1015	1020	1021	rVB2	207	266	0.03%	0.003%

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Instrument : MSVOA_W
ClientSampleId : GAQ78RE

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_W\METHOD\SOM2WLM101819S.M
Title : VOC Analysis

35	8.153	1021	1025	1028	rBV2	328	441	0.04%	0.006%
36	8.275	1034	1045	1062	rBV2	346015	1038084	100.00%	13.224%
37	8.555	1084	1091	1100	rVB2	5063	11087	1.07%	0.141%
38	8.622	1100	1102	1106	rBV4	561	579	0.06%	0.007%
39	8.701	1108	1115	1126	rBV3	5250	13749	1.32%	0.175%
40	8.842	1129	1138	1148	rBV	268211	544555	52.46%	6.937%
41	8.963	1156	1158	1162	rVB2	404	337	0.03%	0.004%
42	9.037	1165	1170	1174	rVV3	1956	3633	0.35%	0.046%
43	9.073	1175	1176	1182	rVB4	2027	3106	0.30%	0.040%
44	9.274	1200	1209	1219	rBV	241306	487678	46.98%	6.212%
45	9.408	1226	1231	1237	rVV2	6633	12156	1.17%	0.155%
46	9.579	1256	1259	1260	rBV2	347	376	0.04%	0.005%
47	9.597	1260	1262	1267	rVV3	525	922	0.09%	0.012%
48	9.652	1268	1271	1278	rVB4	1386	2708	0.26%	0.034%
49	9.921	1313	1315	1319	rBV2	243	333	0.03%	0.004%
50	10.030	1326	1333	1344	rBV	127455	234402	22.58%	2.986%
51	10.219	1360	1364	1368	rVB2	470	667	0.06%	0.008%
52	10.323	1372	1381	1389	rBV	460129	807298	77.77%	10.284%
53	10.481	1404	1407	1408	rVV	542	512	0.05%	0.007%
54	10.579	1416	1423	1430	rBV	87233	152046	14.65%	1.937%
55	10.707	1437	1444	1451	rVB2	38696	69534	6.70%	0.886%
56	10.859	1461	1469	1475	rBV	459969	798927	76.96%	10.177%
57	10.920	1475	1479	1494	rVV	162349	283894	27.35%	3.616%
58	11.073	1498	1504	1514	rVV3	12769	23924	2.30%	0.305%
59	11.292	1537	1540	1543	rBV2	227	307	0.03%	0.004%
60	11.359	1548	1551	1552	rBV	206	256	0.02%	0.003%
61	11.567	1584	1585	1587	rBV2	410	334	0.03%	0.004%
62	11.628	1588	1595	1603	rVV	333545	574155	55.31%	7.314%
63	11.719	1607	1610	1612	rBV4	354	516	0.05%	0.007%
64	11.829	1624	1628	1630	rBV3	1162	1511	0.15%	0.019%
65	11.945	1643	1647	1651	rBV3	2243	2726	0.26%	0.035%
66	12.042	1661	1663	1665	rBV2	289	295	0.03%	0.004%
67	12.067	1665	1667	1670	rVV2	308	311	0.03%	0.004%
68	12.146	1677	1680	1681	rBV2	337	352	0.03%	0.004%
69	12.158	1681	1682	1685	rVV2	814	522	0.05%	0.007%
70	12.182	1685	1686	1688	rVB2	491	256	0.02%	0.003%
71	12.231	1691	1694	1697	rBV2	548	844	0.08%	0.011%

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Integrator: RTE
Smoothing : OFF Filtering: 5
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Title : VOC Analysis

72	12.341	1707	1712	1718	rVB5	5498	9046	0.87%	0.115%
73	12.487	1734	1736	1738	rBV2	282	256	0.02%	0.003%
74	12.609	1749	1756	1763	rBV	113682	187785	18.09%	2.392%
75	12.694	1763	1770	1777	rVV	203538	339913	32.74%	4.330%
76	12.755	1777	1780	1787	rVB3	1385	1803	0.17%	0.023%
77	12.859	1794	1797	1798	rBV	239	262	0.03%	0.003%
78	12.877	1798	1800	1803	rVB2	474	363	0.03%	0.005%
79	12.932	1803	1809	1817	rBV6	2741	5265	0.51%	0.067%
80	13.060	1824	1830	1832	rBV3	1104	1590	0.15%	0.020%
81	13.133	1840	1842	1845	rBV	329	258	0.02%	0.003%
82	13.225	1856	1857	1859	rBV	405	302	0.03%	0.004%
83	13.274	1859	1865	1875	rVV4	11012	21397	2.06%	0.273%
84	13.396	1881	1885	1890	rVB4	4678	7205	0.69%	0.092%
85	13.475	1892	1898	1900	rBV4	626	996	0.10%	0.013%
86	13.560	1904	1912	1921	rVV	220847	368380	35.49%	4.693%
87	13.652	1922	1927	1934	rVB2	8241	14054	1.35%	0.179%
88	13.713	1934	1937	1940	rBV3	536	618	0.06%	0.008%
89	13.804	1949	1952	1953	rBV2	337	402	0.04%	0.005%
90	13.853	1953	1960	1968	rVV	206095	343276	33.07%	4.373%
91	14.072	1982	1996	2002	rBV2	54542	95286	9.18%	1.214%
92	14.133	2002	2006	2009	rVB4	482	669	0.06%	0.009%
93	14.200	2014	2017	2019	rVB2	465	516	0.05%	0.007%
94	14.225	2019	2021	2022	rBV	452	423	0.04%	0.005%
95	14.328	2034	2038	2044	rVB6	3297	4990	0.48%	0.064%
96	14.523	2067	2070	2076	rVB3	1411	2312	0.22%	0.029%
97	14.719	2099	2102	2107	rBV3	810	1348	0.13%	0.017%
98	15.145	2171	2172	2173	rBV	536	326	0.03%	0.004%
99	15.493	2223	2229	2236	rVB	17515	31974	3.08%	0.407%
100	16.310	2362	2363	2365	rBV2	1007	808	0.08%	0.010%

Sum of corrected areas: 7849995

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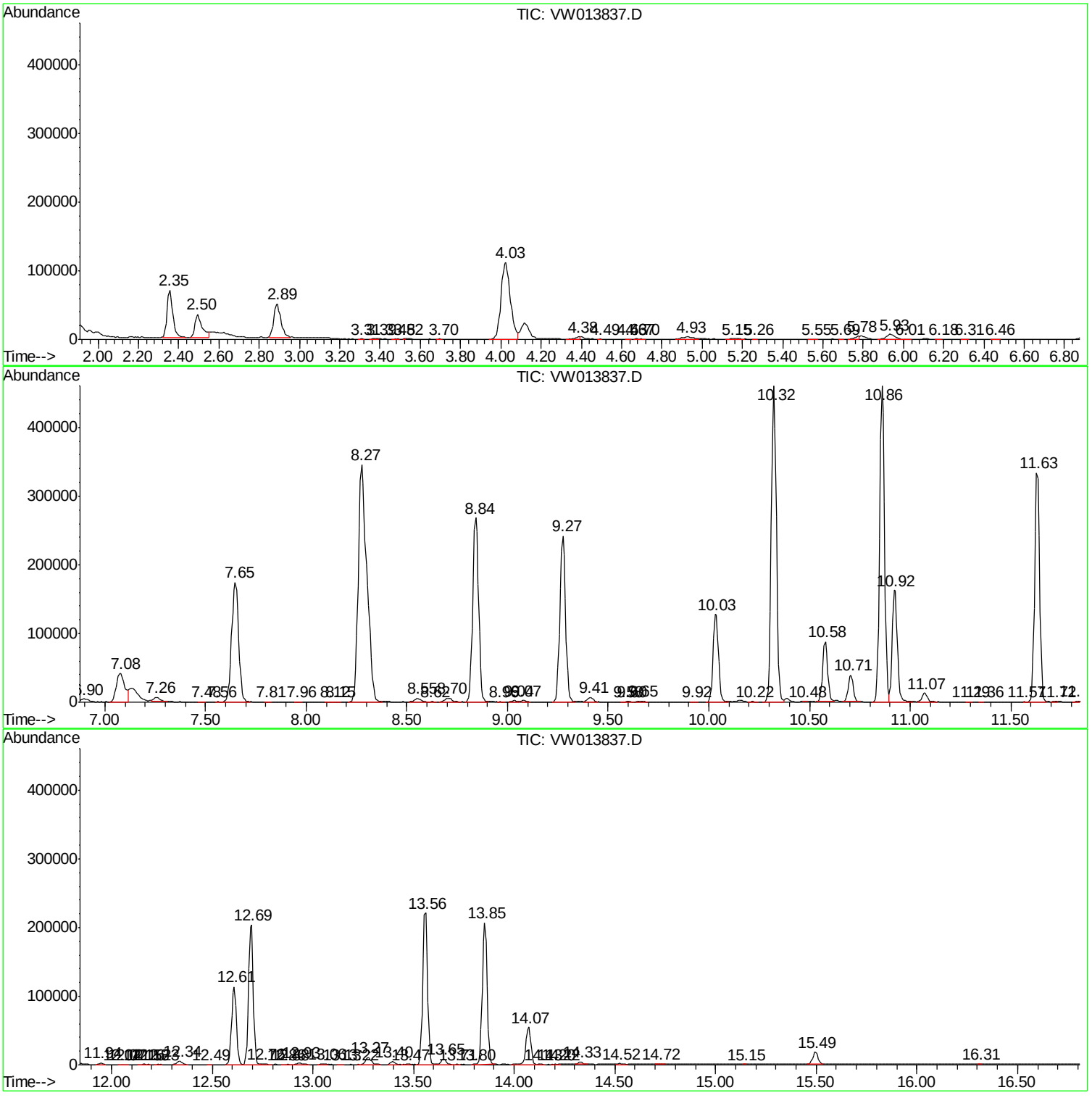
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103019\
Data File : VW013837.D
Acq On : 30 Oct 2019 15:04
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAQ78RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

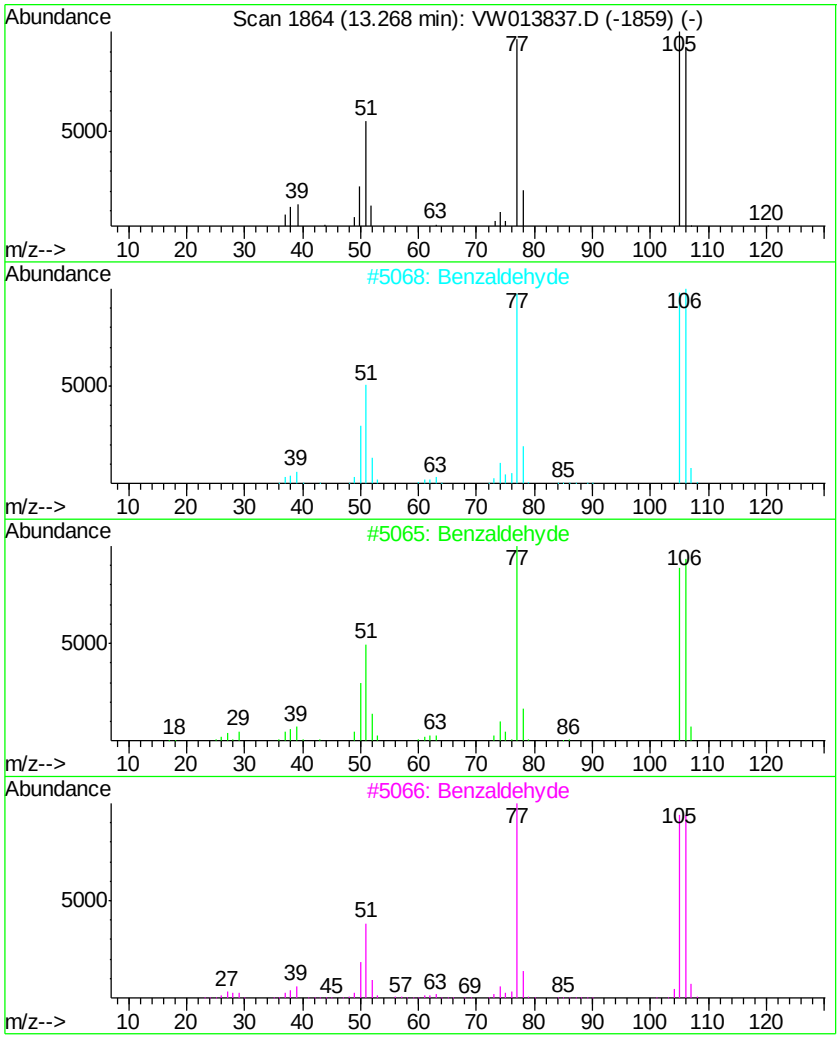
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

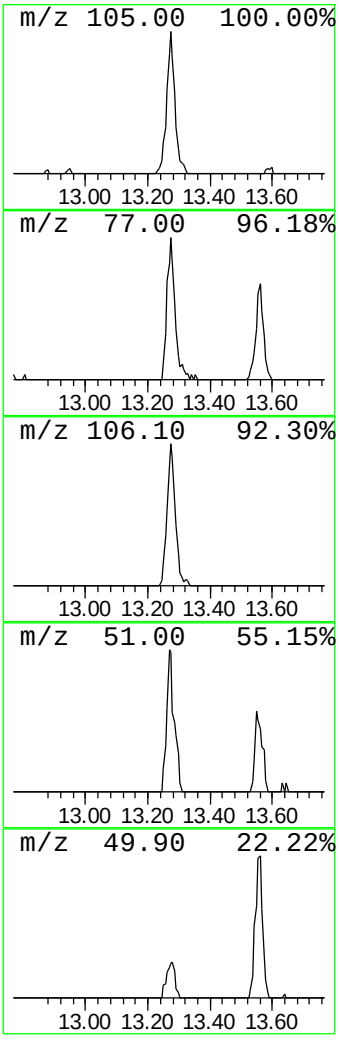
****

Peak Number 5 Benzaldehyde Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	1.45 ug/L	21397	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde	106	C7H6O	000100-52-7	91
2	Benzaldehyde	106	C7H6O	000100-52-7	90
3	Benzaldehyde	106	C7H6O	000100-52-7	87
4	Benzaldehyde	106	C7H6O	000100-52-7	86
5	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	47





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzaldehyde	13.27	1.5	ug/L	21397	3	13.56	368380	25.0