LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062519\
Data File : VW010986.D
Acq On : 25 Jun 2019 23:57
Operator : SY/VA
Sample : K3460-14
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANW8

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\SOM2WLM062419S.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	2.349	67	73	84	rVB	57431	113781	10.92%	1.501%
2	2.879	154	160	174	rVB	36721	93813	9.00%	1.237%
3	3.373	239	241	243	rBV3	497	542	0.05%	0.007%
4	3.544	264	269	273	rBV5	656	1369	0.13%	0.018%
5	3.708	295	296	298	rVV2	564	407	0.04%	0.005%
6	3.733	298	300	304	rVB4	465	544	0.05%	0.007%
7	3.867	316	322	324	rBV3	1510	2964	0.28%	0.039%
8	3.928	330	332	334	rVB3	485	412	0.04%	0.005%
9	4.019	335	347	360	rBV	97636	325840	31.26%	4.297%
10	4.257	385	386	389	rVB3	460	397	0.04%	0.005%
11	4.403	400	410	421	rBV5	2342	8188	0.79%	0.108%
12	4.544	431	433	435	rVB3	482	407	0.04%	0.005%
13	4.611	443	444	448	rBV3	404	424	0.04%	0.006%
14	4.781	470	472	477	rBV3	455	448	0.04%	0.006%
15	4.922	481	495	504	rBV	6010	23464	2.25%	0.309%
16	5.117	523	527	530	rVV4	544	1063	0.10%	0.014%
17	5.153	532	533	541	rVV5	898	2044	0.20%	0.027%
18	5.214	541	543	548	rVB4	504	620	0.06%	0.008%
19	5.428	575	578	583	rBV4	381	657	0.06%	0.009%
20	5.470	583	585	588	rVB2	461	444	0.04%	0.006%
21	5.684	617	620	621	rVB2	432	379	0.04%	0.005%
22	5.769	630	634	638	rVB4	445	613	0.06%	0.008%
23	5.824	640	643	646	rVB2	360	378	0.04%	0.005%
24	5.934	654	661	670	rVB4	2195	6300	0.60%	0.083%
25	6.165	696	699	701	rVB	429	506	0.05%	0.007%
26	6.190	701	703	706	rVB	529	413	0.04%	0.005%
27	6.433	738	743	744	rBV2	509	762	0.07%	0.010%
28	6.501	752	754	759	rVB4	648	1119	0.11%	0.015%
29	6.885	812	817	818	rBV2	388	530	0.05%	0.007%
30	6.982	831	833	837	rVB3	482	571	0.05%	0.008%
31	7.074	837	848	854	rBV	50231	143256	13.74%	1.889%
32	7.360	894	895	899	rBV4	260	360	0.03%	0.005%
33	7.421	901	905	908	rBV2	633	1114	0.11%	0.015%
34	7.647	931	942	954	rVB	161869	402298	38.59%	5.305%

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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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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Title : VOC Analysis

35	7.726	954	955	961	rBV3	349	485	0.05%	0.006%
36	7.897	980	983	985	rVB3	436	590	0.06%	0.008%
37	7.939	985	990	992	rBV3	566	941	0.09%	0.012%
38	7.958	992	993	996	rVB2	756	453	0.04%	0.006%
39	7.994	996	999	1002	rBV2	342	427	0.04%	0.006%
40	8.049	1005	1008	1010	rBV	377	500	0.05%	0.007%
41	8.268	1034	1044	1059	rBV2	332676	1042367	100.00%	13.747%
42	8.445	1071	1073	1075	rBV2	428	543	0.05%	0.007%
43	8.610	1097	1100	1101	rBV2	414	386	0.04%	0.005%
44	8.628	1101	1103	1107	rVB4	651	704	0.07%	0.009%
45	8.683	1107	1112	1113	rBV3	729	884	0.08%	0.012%
46	8.842	1129	1138	1149	rBV	327349	660411	63.36%	8.709%
47	8.951	1154	1156	1159	rVB2	634	626	0.06%	0.008%
48	9.000	1159	1164	1165	rBV2	521	880	0.08%	0.012%
49	9.073	1170	1176	1182	rVB7	4165	8320	0.80%	0.110%
50	9.274	1197	1209	1218	rBV	253717	513266	49.24%	6.769%
51	9.372	1224	1225	1228	rVB3	571	414	0.04%	0.005%
52	9.409	1228	1231	1234	rVB4	607	746	0.07%	0.010%
53	9.451	1237	1238	1243	rVB4	516	475	0.05%	0.006%
54	9.518	1247	1249	1252	rBV4	393	428	0.04%	0.006%
55	9.579	1255	1259	1263	rVB5	500	732	0.07%	0.010%
56	9.658	1265	1272	1279	rBV4	2250	4679	0.45%	0.062%
57	9.896	1305	1311	1313	rBV4	780	1369	0.13%	0.018%
58	10.030	1324	1333	1342	rBV	120975	224698	21.56%	2.963%
59	10.213	1357	1363	1366	rBV3	1399	2496	0.24%	0.033%
60	10.323	1372	1381	1389	rBV	459946	809341	77.64%	10.674%
61	10.457	1402	1403	1406	rVB3	544	470	0.05%	0.006%
62	10.500	1406	1410	1411	rBV4	421	429	0.04%	0.006%
63	10.573	1416	1422	1431	rVV	83209	144791	13.89%	1.909%
64	10.701	1437	1443	1449	rBV	16591	29815	2.86%	0.393%
65	10.780	1454	1456	1462	rVB4	584	937	0.09%	0.012%
66	10.866	1462	1470	1471	rBV7	828	1697	0.16%	0.022%
67	10.927	1471	1480	1491	rBV	182896	340093	32.63%	4.485%
68	11.061	1497	1502	1511	rVB	28472	48160	4.62%	0.635%
69	11.170	1519	1520	1527	rVB5	1192	2101	0.20%	0.028%
70	11.262	1533	1535	1536	rVB2	542	366	0.04%	0.005%
71	11.439	1560	1564	1570	rVB4	3738	6513	0.62%	0.086%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
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Integration Parameters: LSCINT.P
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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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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Title : VOC Analysis

72	11.628	1588	1595	1605	rBV	454189	773558	74.21%	10.202%
73	11.841	1623	1630	1637	rVV7	1389	3268	0.31%	0.043%
74	12.060	1663	1666	1668	rBV2	339	376	0.04%	0.005%
75	12.170	1677	1684	1685	rBV6	1439	2375	0.23%	0.031%
76	12.231	1692	1694	1696	rBV2	556	519	0.05%	0.007%
77	12.323	1706	1709	1710	rBV3	402	433	0.04%	0.006%
78	12.463	1729	1732	1737	rVB4	583	1006	0.10%	0.013%
79	12.609	1749	1756	1763	rVB2	13241	23045	2.21%	0.304%
80	12.695	1763	1770	1777	rBV	215799	357987	34.34%	4.721%
81	12.896	1794	1803	1805	rBV7	1376	2927	0.28%	0.039%
82	12.932	1805	1809	1815	rVB	9718	14403	1.38%	0.190%
83	13.048	1825	1828	1830	rBV3	606	530	0.05%	0.007%
84	13.085	1830	1834	1835	rBV4	412	594	0.06%	0.008%
85	13.194	1850	1852	1855	rVB4	783	791	0.08%	0.010%
86	13.402	1884	1886	1893	rVB5	1782	3177	0.30%	0.042%
87	13.560	1904	1912	1920	rBV	418757	664008	63.70%	8.757%
88	13.652	1922	1927	1938	rVB	32657	55847	5.36%	0.737%
89	13.853	1953	1960	1968	rBV	377236	628752	60.32%	8.292%
90	14.078	1993	1997	2000	rVB2	7706	11995	1.15%	0.158%
91	15.444	2215	2221	2225	rBV2	13282	22380	2.15%	0.295%
92	15.499	2225	2230	2238	rVB2	10505	19209	1.84%	0.253%
93	15.688	2258	2261	2262	rBV3	1476	1606	0.15%	0.021%
94	16.109	2328	2330	2332	rBV3	817	720	0.07%	0.009%
95	16.182	2340	2342	2343	rBV	978	633	0.06%	0.008%
96	16.322	2362	2365	2366	rBV3	652	760	0.07%	0.010%
97	16.377	2373	2374	2378	rVB4	1059	925	0.09%	0.012%
98	16.407	2378	2379	2382	rBV3	515	674	0.06%	0.009%
99	16.462	2386	2388	2390	rBV3	514	390	0.04%	0.005%
100	16.773	2436	2439	2440	rBV3	718	865	0.08%	0.011%

Sum of corrected areas: 7582713

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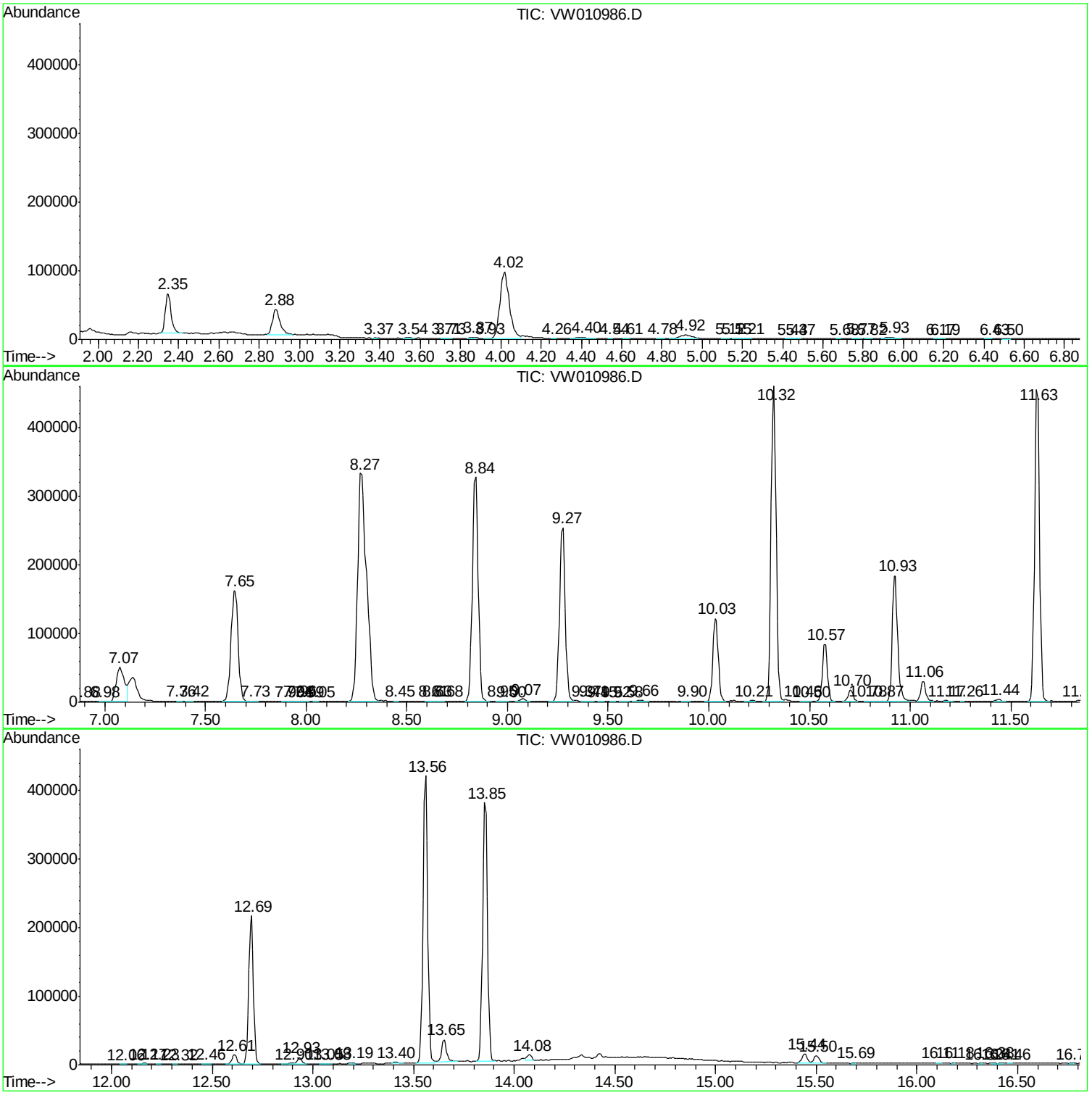
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis

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



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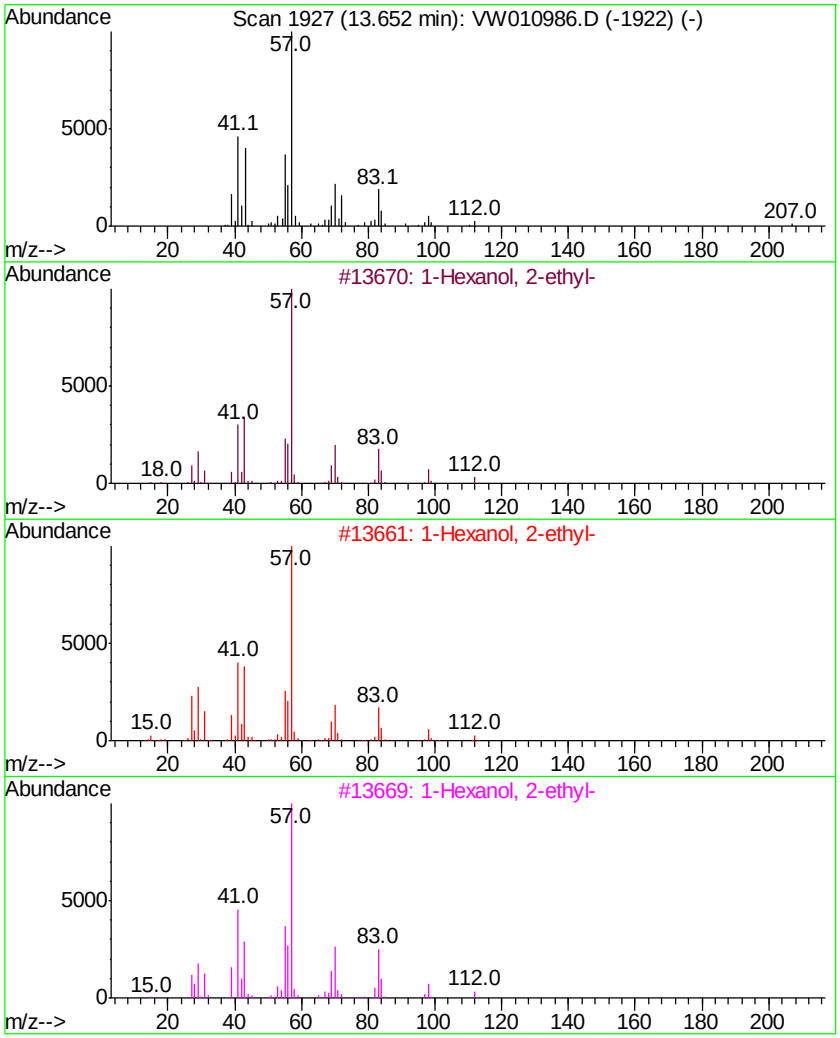
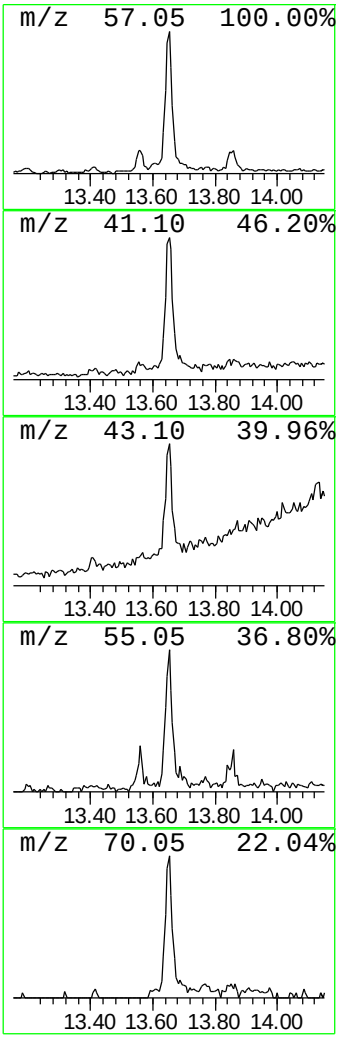
****

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	2.10 ug/L	55847	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	59
5	1-Hexanethiol, 2-ethyl-	146	C8H18S	007341-17-5	53





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Hexanol, 2-ethyl-	13.65	2.1	ug/L	55847	3	13.56	664008	25.0