LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062419\
Data File : VW010952.D
Acq On : 25 Jun 2019 01:19
Operator : SY/VA
Sample : K3456-20
Misc : 4.24G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANY5

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	3.489	259	260	262	rBV	591	330	0.04%	0.006%
2	3.934	331	333	336	rVB3	526	345	0.04%	0.006%
3	4.019	336	347	357	rBV2	36132	119959	14.10%	2.026%
4	4.397	400	409	420	rBV2	5186	17052	2.00%	0.288%
5	4.605	436	443	450	rBV	9797	29911	3.51%	0.505%
6	4.806	475	476	479	rVB3	847	627	0.07%	0.011%
7	4.836	479	481	482	rBV	721	456	0.05%	0.008%
8	4.873	484	487	488	rVV	756	795	0.09%	0.013%
9	4.922	488	495	506	rVB4	3801	14245	1.67%	0.241%
10	5.117	523	527	528	rBV3	810	803	0.09%	0.014%
11	5.251	547	549	550	rBV3	330	165	0.02%	0.003%
12	5.397	570	573	576	rBV4	393	641	0.08%	0.011%
13	5.550	594	598	603	rBV3	526	826	0.10%	0.014%
14	5.610	607	608	611	rVB	376	283	0.03%	0.005%
15	5.745	626	630	631	rBV3	638	680	0.08%	0.011%
16	5.934	655	661	667	rBV5	1466	3164	0.37%	0.053%
17	6.153	696	697	700	rVB	349	263	0.03%	0.004%
18	6.269	715	716	718	rVB	411	270	0.03%	0.005%
19	6.299	718	721	722	rBV3	373	295	0.03%	0.005%
20	6.360	729	731	732	rVB2	337	206	0.02%	0.003%
21	6.464	746	748	749	rBV	428	308	0.04%	0.005%
22	6.482	749	751	756	rVV3	313	568	0.07%	0.010%
23	6.592	767	769	771	rBV2	342	386	0.05%	0.007%
24	6.671	778	782	783	rBV3	238	332	0.04%	0.006%
25	6.683	783	784	786	rVB	447	239	0.03%	0.004%
26	6.708	786	788	789	rBV	286	200	0.02%	0.003%
27	6.757	794	796	798	rBV2	302	351	0.04%	0.006%
28	6.970	829	831	834	rBV3	360	522	0.06%	0.009%
29	7.000	834	836	837	rVB	360	200	0.02%	0.003%
30	7.135	848	858	871	rBV	47389	135883	15.97%	2.294%
31	7.470	911	913	915	rVB2	582	422	0.05%	0.007%
32	7.519	915	921	922	rBV3	906	1574	0.18%	0.027%
33	7.647	932	942	955	rVV	129300	329222	38.69%	5.559%
34	7.756	959	960	962	rBV	432	255	0.03%	0.004%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANY5

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

35	7.860	975	977	978	rBV2	466	345	0.04%	0.006%
36	8.000	999	1000	1001	rBV	335	147	0.02%	0.002%
37	8.104	1016	1017	1020	rBV2	344	285	0.03%	0.005%
38	8.275	1034	1045	1061	rBV2	249957	850980	100.00%	14.370%
39	8.555	1090	1091	1093	rVB2	728	452	0.05%	0.008%
40	8.610	1098	1100	1102	rBV3	469	392	0.05%	0.007%
41	8.756	1122	1124	1126	rVB2	259	229	0.03%	0.004%
42	8.842	1130	1138	1147	rBV	238088	470672	55.31%	7.948%
43	9.012	1161	1166	1167	rBV4	894	1211	0.14%	0.020%
44	9.073	1171	1176	1187	rVB3	14811	30215	3.55%	0.510%
45	9.189	1193	1195	1199	rVB2	593	706	0.08%	0.012%
46	9.274	1199	1209	1219	rBV	238112	479650	56.36%	8.099%
47	9.415	1230	1232	1235	rVB2	532	433	0.05%	0.007%
48	9.659	1266	1272	1278	rBV7	1636	3306	0.39%	0.056%
49	9.720	1280	1282	1284	rBV	503	373	0.04%	0.006%
50	9.787	1292	1293	1296	rBV	343	276	0.03%	0.005%
51	9.860	1303	1305	1306	rBV2	328	245	0.03%	0.004%
52	9.896	1306	1311	1315	rVV4	1223	2481	0.29%	0.042%
53	9.951	1319	1320	1323	rVB	387	262	0.03%	0.004%
54	9.988	1323	1326	1327	rBV2	877	1013	0.12%	0.017%
55	10.037	1327	1334	1343	rVV	77085	139340	16.37%	2.353%
56	10.213	1358	1363	1366	rBV3	1988	3501	0.41%	0.059%
57	10.323	1373	1381	1388	rBV	331632	586316	68.90%	9.900%
58	10.506	1407	1411	1416	rBV4	1520	2458	0.29%	0.042%
59	10.579	1416	1423	1430	rBV	60439	103592	12.17%	1.749%
60	10.707	1438	1444	1453	rBV	14195	26502	3.11%	0.448%
61	10.768	1453	1454	1461	rVB4	848	1051	0.12%	0.018%
62	10.835	1463	1465	1466	rBV	513	381	0.04%	0.006%
63	10.975	1486	1488	1495	rVB4	557	818	0.10%	0.014%
64	11.067	1495	1503	1514	rBV	29197	53202	6.25%	0.898%
65	11.268	1534	1536	1538	rBV	440	277	0.03%	0.005%
66	11.335	1541	1547	1548	rBV2	477	642	0.08%	0.011%
67	11.445	1561	1565	1570	rVB3	3823	6520	0.77%	0.110%
68	11.524	1570	1578	1582	rBV3	938	2190	0.26%	0.037%
69	11.634	1586	1596	1605	rBV	406686	699473	82.20%	11.811%
70	11.786	1617	1621	1626	rBV4	3124	5121	0.60%	0.086%
71	11.920	1640	1643	1644	rVB3	470	384	0.05%	0.006%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANY5

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

72	12.006	1654	1657	1659	rBV4	235	207	0.02%	0.003%
73	12.036	1659	1662	1664	rVB3	361	222	0.03%	0.004%
74	12.134	1676	1678	1681	rVB3	330	302	0.04%	0.005%
75	12.170	1681	1684	1686	rBV2	861	1068	0.13%	0.018%
76	12.225	1690	1693	1694	rBV3	292	256	0.03%	0.004%
77	12.335	1710	1711	1714	rBV2	439	501	0.06%	0.008%
78	12.396	1719	1721	1724	rBV2	263	313	0.04%	0.005%
79	12.463	1728	1732	1738	rBV5	3155	5131	0.60%	0.087%
80	12.518	1739	1741	1744	rVB2	621	595	0.07%	0.010%
81	12.548	1744	1746	1748	rBV3	472	490	0.06%	0.008%
82	12.609	1750	1756	1762	rVB2	12811	21355	2.51%	0.361%
83	12.695	1763	1770	1778	rBV	216898	358637	42.14%	6.056%
84	12.865	1795	1798	1800	rBV2	514	529	0.06%	0.009%
85	12.890	1800	1802	1804	rVV3	1029	1192	0.14%	0.020%
86	12.932	1806	1809	1817	rVB2	6550	10184	1.20%	0.172%
87	12.987	1817	1818	1820	rVB2	620	453	0.05%	0.008%
88	13.030	1823	1825	1830	rVV5	505	791	0.09%	0.013%
89	13.292	1858	1868	1873	rVB7	1567	5051	0.59%	0.085%
90	13.371	1879	1881	1882	rBV2	342	220	0.03%	0.004%
91	13.408	1883	1887	1892	rVV4	2874	4993	0.59%	0.084%
92	13.505	1896	1903	1905	rBV6	1593	3176	0.37%	0.054%
93	13.560	1905	1912	1919	rVV	388915	629463	73.97%	10.629%
94	13.652	1923	1927	1940	rVB	21874	37214	4.37%	0.628%
95	13.853	1954	1960	1968	rBV	382203	633406	74.43%	10.696%
96	14.072	1992	1996	2004	rVB	10077	15600	1.83%	0.263%
97	14.207	2014	2018	2023	rVB4	1347	2041	0.24%	0.034%
98	14.426	2049	2054	2060	rVB	11667	19447	2.29%	0.328%
99	15.176	2175	2177	2179	rBV2	1073	1009	0.12%	0.017%
100	15.444	2216	2221	2226	rVB	18977	31055	3.65%	0.524%

Sum of corrected areas: 5922120

LSC Report - Integrated Chromatogram

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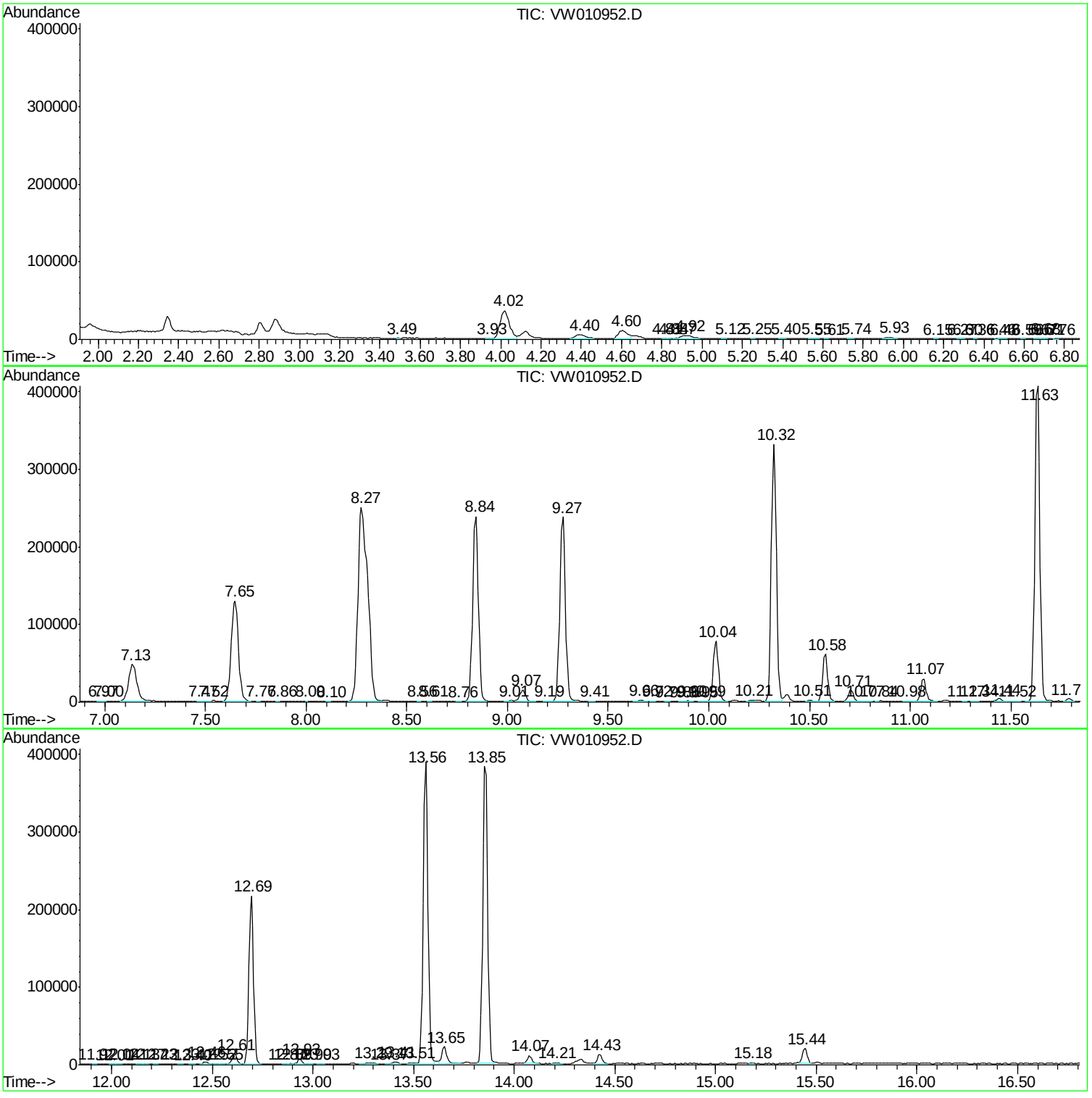
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANY5

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062419\
Data File : VW010952.D
Acq On : 25 Jun 2019 01:19
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Sample : K3456-20
Misc : 4.24G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANY5

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

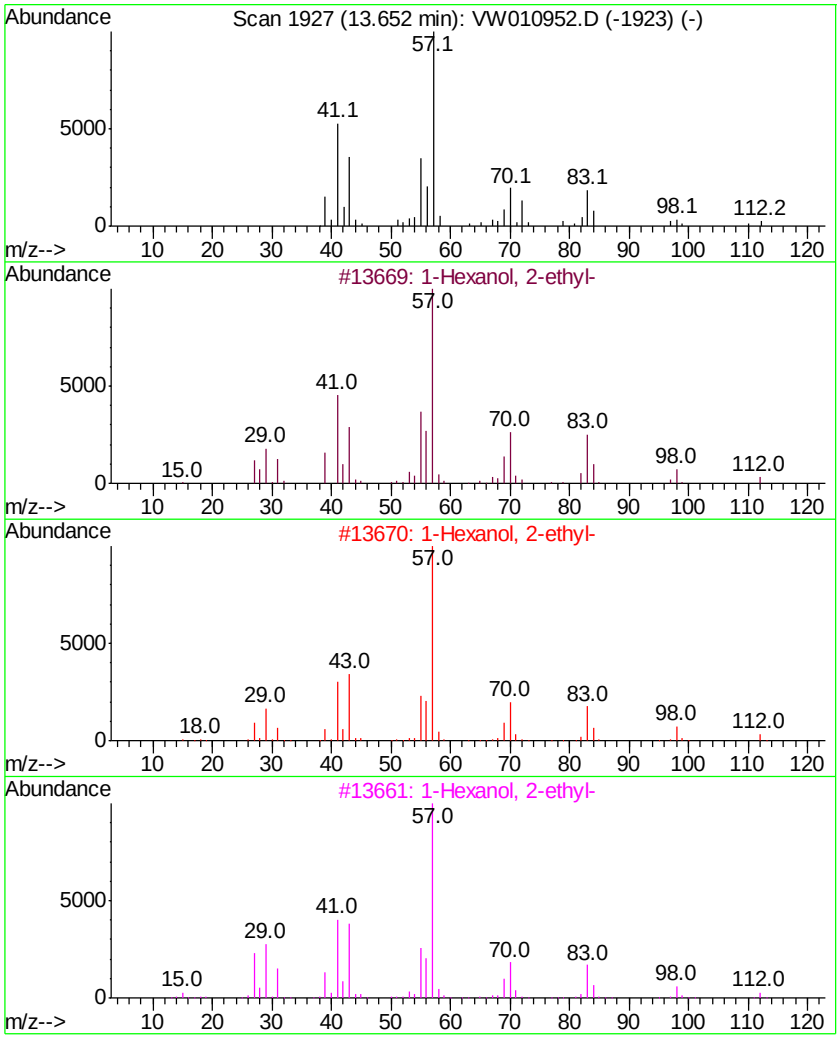
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

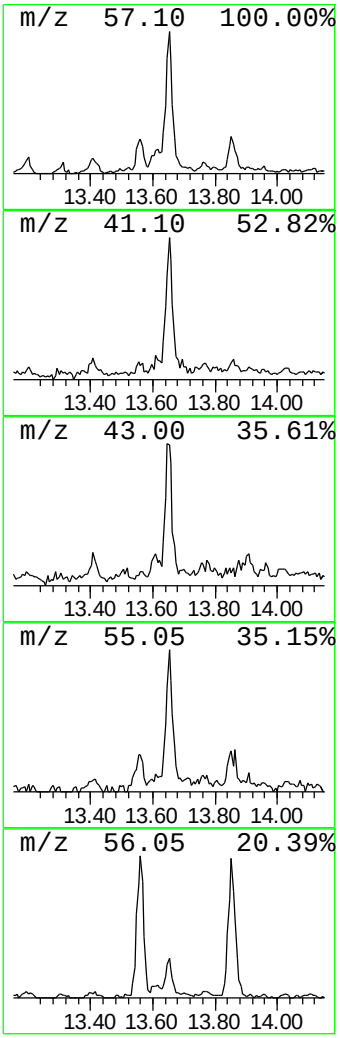
****

Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	1.48 ug/L	37214	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	59
4	3-Undecene, 6-methyl-, (E)-	168	C12H24	074630-52-7	53
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062419\
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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
1-Hexanol, 2-ethyl-	13.65	1.5	ug/L	37214	3	13.56	629463	25.0