LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072018\
Data File : VW004095.D
Acq On : 21 Jul 2018 01:23
Operator : SY/AP
Sample : J4038-09
Misc : 5.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB1M4

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\SOM2WLM071818S.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	1.746	18	26	27	rBV	11207	17754	0.59%	0.202%
2	1.801	27	35	55	rVB	1233316	2999497	100.00%	34.054%
3	2.349	120	125	134	rVB	46733	79547	2.65%	0.903%
4	2.892	207	214	227	rVB	29174	74046	2.47%	0.841%
5	3.837	364	369	371	rBV	878	1461	0.05%	0.017%
6	4.008	385	397	408	rBV	67955	206337	6.88%	2.343%
7	4.611	486	496	501	rBV2	3490	10217	0.34%	0.116%
8	4.794	524	526	527	rBV	290	212	0.01%	0.002%
9	4.898	534	543	544	rBV3	4064	6370	0.21%	0.072%
10	5.105	575	577	580	rBV2	232	209	0.01%	0.002%
11	5.239	598	599	605	rVB3	288	508	0.02%	0.006%
12	5.294	607	608	610	rBV	451	248	0.01%	0.003%
13	5.416	626	628	630	rBV3	389	315	0.01%	0.004%
14	5.739	678	681	682	rBV2	234	222	0.01%	0.003%
15	5.788	688	689	691	rVB	386	268	0.01%	0.003%
16	5.836	693	697	699	rBV2	213	274	0.01%	0.003%
17	5.928	706	712	713	rBV3	1721	2663	0.09%	0.030%
18	6.135	745	746	749	rVB	333	188	0.01%	0.002%
19	6.458	796	799	800	rBV2	240	236	0.01%	0.003%
20	6.550	810	814	817	rBV3	276	475	0.02%	0.005%
21	6.678	833	835	837	rBV3	248	208	0.01%	0.002%
22	6.861	862	865	866	rBV2	262	261	0.01%	0.003%
23	7.013	887	890	892	rVB2	344	338	0.01%	0.004%
24	7.080	892	901	911	rBV	36343	110241	3.68%	1.252%
25	7.452	960	962	964	rVB	453	375	0.01%	0.004%
26	7.489	966	968	971	rBV2	280	289	0.01%	0.003%
27	7.543	971	977	979	rBV3	572	1111	0.04%	0.013%
28	7.647	984	994	1008	rBV	150972	376967	12.57%	4.280%
29	7.812	1016	1021	1023	rVB3	331	490	0.02%	0.006%
30	7.842	1025	1026	1029	rBV	483	493	0.02%	0.006%
31	7.873	1029	1031	1036	rVB3	262	330	0.01%	0.004%
32	7.915	1036	1038	1040	rBV	309	281	0.01%	0.003%
33	8.013	1053	1054	1055	rBV	431	225	0.01%	0.003%
34	8.147	1073	1076	1077	rBV2	499	620	0.02%	0.007%

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
Title : VOC Analysis

35	8.281	1088	1098	1113	rBV2	257694	827342	27.58%	9.393%
36	8.690	1162	1165	1171	rVB4	896	1491	0.05%	0.017%
37	8.848	1180	1191	1202	rBV	307355	610420	20.35%	6.930%
38	9.037	1220	1222	1225	rBV4	777	1120	0.04%	0.013%
39	9.220	1247	1252	1253	rBV2	260	358	0.01%	0.004%
40	9.281	1253	1262	1275	rVV	214586	436704	14.56%	4.958%
41	9.476	1288	1294	1296	rBV3	1047	1997	0.07%	0.023%
42	9.549	1304	1306	1308	rVB	312	201	0.01%	0.002%
43	9.592	1309	1313	1314	rBB3	310	267	0.01%	0.003%
44	9.659	1321	1324	1325	rBV2	694	820	0.03%	0.009%
45	9.763	1334	1341	1348	rVB2	11693	22808	0.76%	0.259%
46	9.836	1350	1353	1355	rBV2	246	300	0.01%	0.003%
47	9.897	1355	1363	1372	rBV2	23814	48164	1.61%	0.547%
48	10.037	1378	1386	1394	rBV	84435	152807	5.09%	1.735%
49	10.177	1407	1409	1411	rVB2	406	346	0.01%	0.004%
50	10.256	1411	1422	1426	rBV2	6852	12637	0.42%	0.143%
51	10.330	1426	1434	1440	rBV	318695	560798	18.70%	6.367%
52	10.391	1440	1444	1448	rVB	6771	10660	0.36%	0.121%
53	10.512	1459	1464	1469	rVB5	4425	6977	0.23%	0.079%
54	10.580	1469	1475	1489	rVB	62535	113363	3.78%	1.287%
55	10.708	1490	1496	1504	rBV2	6823	13562	0.45%	0.154%
56	10.769	1504	1506	1507	rBV2	1255	1025	0.03%	0.012%
57	10.842	1516	1518	1521	rBV2	503	613	0.02%	0.007%
58	10.927	1525	1532	1544	rBV	107146	191004	6.37%	2.169%
59	11.177	1572	1573	1576	rBV	393	311	0.01%	0.004%
60	11.354	1599	1602	1604	rVB2	394	510	0.02%	0.006%
61	11.464	1619	1620	1625	rVB2	267	323	0.01%	0.004%
62	11.634	1640	1648	1656	rBV	402608	684259	22.81%	7.769%
63	11.713	1657	1661	1668	rVB	15860	25550	0.85%	0.290%
64	11.811	1675	1677	1678	rVB2	309	186	0.01%	0.002%
65	11.841	1678	1682	1686	rBV5	1164	2194	0.07%	0.025%
66	11.976	1700	1704	1706	rBV4	327	488	0.02%	0.006%
67	12.061	1716	1718	1719	rBV	313	223	0.01%	0.003%
68	12.165	1733	1735	1736	rBV2	435	334	0.01%	0.004%
69	12.250	1744	1749	1750	rVB	297	363	0.01%	0.004%
70	12.268	1750	1752	1755	rBV	291	355	0.01%	0.004%
71	12.335	1761	1763	1766	rVB2	459	300	0.01%	0.003%

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Integration Parameters: LSCINT.P
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
Title : VOC Analysis

72	12.378	1766	1770	1773	rBV2	689	902	0.03%	0.010%
73	12.530	1792	1795	1796	rBV2	282	265	0.01%	0.003%
74	12.567	1796	1801	1804	rVV4	1209	2174	0.07%	0.025%
75	12.616	1804	1809	1815	rVV	13577	22775	0.76%	0.259%
76	12.701	1815	1823	1832	rVV	191793	313507	10.45%	3.559%
77	12.799	1837	1839	1842	rBV2	238	218	0.01%	0.002%
78	12.841	1844	1846	1848	rBV	440	371	0.01%	0.004%
79	12.933	1852	1861	1866	rBV3	8389	15321	0.51%	0.174%
80	13.055	1877	1881	1886	rVB4	2437	3844	0.13%	0.044%
81	13.213	1903	1907	1910	rBV3	937	1476	0.05%	0.017%
82	13.360	1927	1931	1932	rBV	376	386	0.01%	0.004%
83	13.408	1938	1939	1942	rVB	454	414	0.01%	0.005%
84	13.469	1947	1949	1950	rBV2	331	257	0.01%	0.003%
85	13.512	1954	1956	1958	rVV2	657	482	0.02%	0.005%
86	13.567	1958	1965	1973	rVV	263238	419279	13.98%	4.760%
87	13.658	1976	1980	1986	rVB2	6362	10552	0.35%	0.120%
88	13.731	1990	1992	1994	rBV3	395	366	0.01%	0.004%
89	13.805	2002	2004	2005	rBV	578	292	0.01%	0.003%
90	13.859	2006	2013	2021	rVB	206923	344456	11.48%	3.911%
91	14.018	2037	2039	2040	rBV	517	287	0.01%	0.003%
92	14.036	2040	2042	2043	rVV2	658	479	0.02%	0.005%
93	14.085	2046	2050	2055	rVB	4061	6110	0.20%	0.069%
94	14.396	2097	2101	2108	rVB	12730	19791	0.66%	0.225%
95	14.536	2120	2124	2129	rVB4	5393	8440	0.28%	0.096%
96	14.737	2149	2157	2161	rBV3	3556	6189	0.21%	0.070%
97	14.914	2184	2186	2188	rBV3	618	582	0.02%	0.007%
98	15.377	2259	2262	2265	rBV2	1359	1740	0.06%	0.020%
99	15.566	2291	2293	2300	rVB5	1468	2223	0.07%	0.025%
100	15.725	2317	2319	2321	rVB2	659	441	0.01%	0.005%

Sum of corrected areas: 8808075

LSC Report - Integrated Chromatogram

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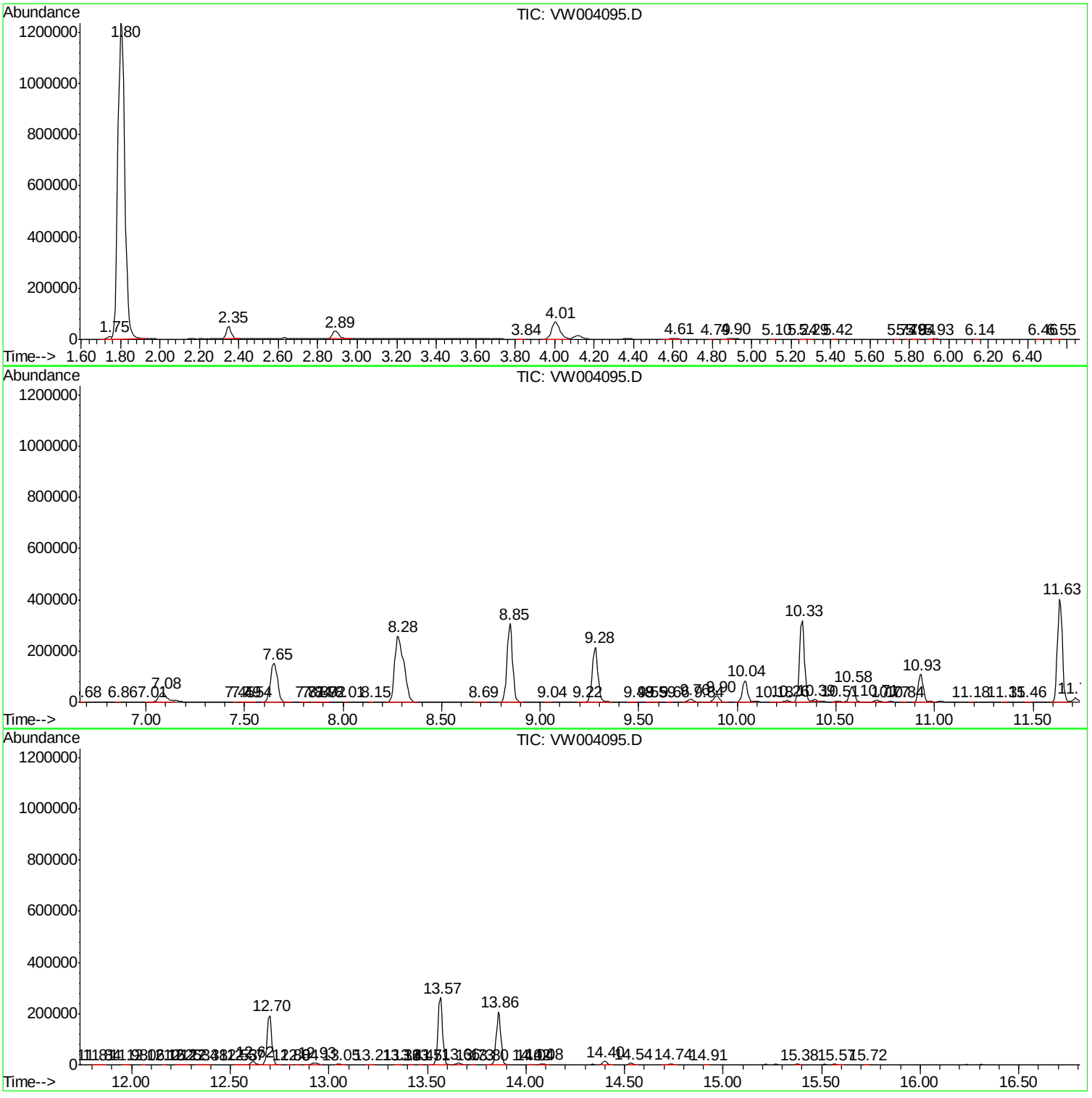
Instrument :
MSVOA_W
ClientSampleId :
DB1M4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
Quant Title : VOC Analysis

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



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Instrument : MSVOA_W
ClientSampleId : DB1M4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
Quant Title : VOC Analysis

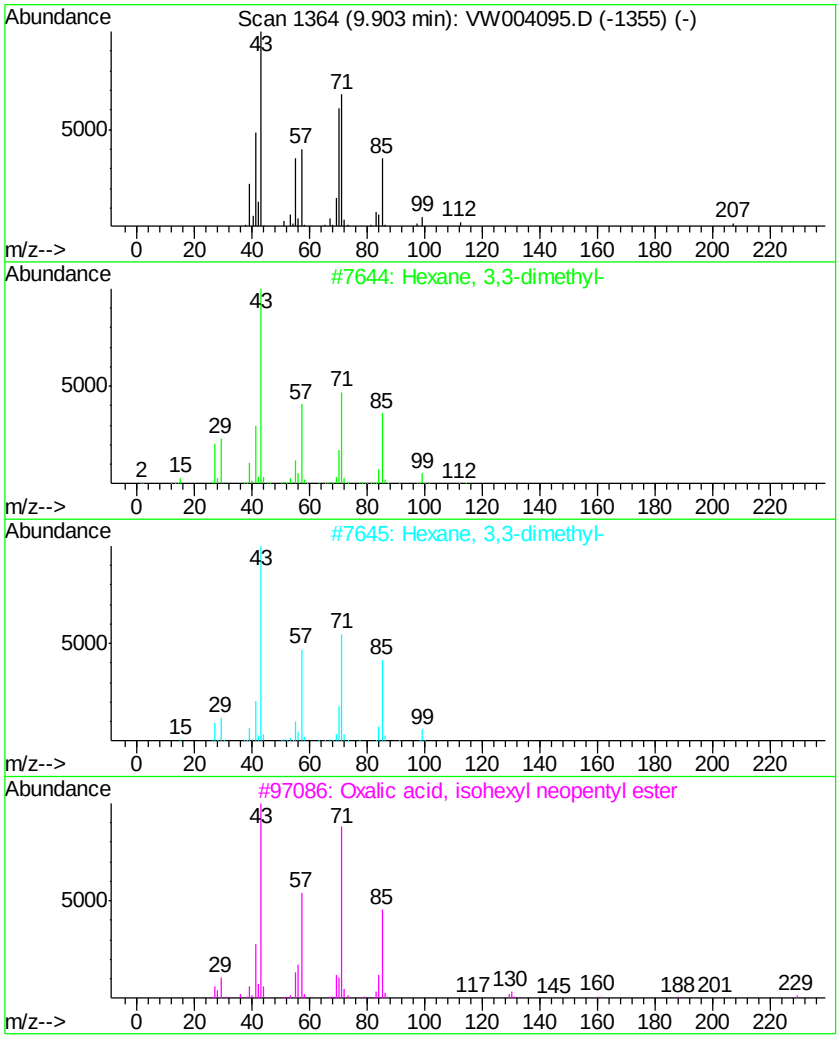
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

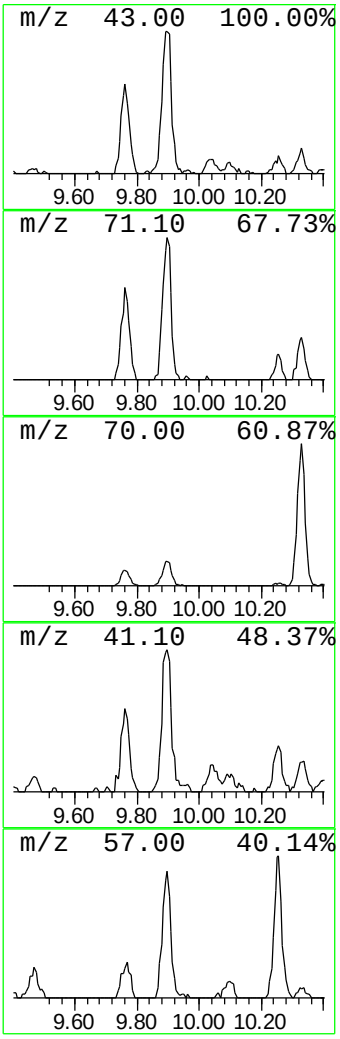
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	1.97 ug/L	48164	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
3	Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	53
4	Sulfurous acid, nonyl 2-pentyl e...	278	C14H30O3S	1000309-15-8	53
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	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
(DEL) Alkane: Str...	9.90	2.0	ug/L	48164	1	8.85	610420	25.0