LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
Data File : VW009559.D
Acq On : 29 Mar 2019 02:12
Operator : SY/VA
Sample : K2083-09
Misc : 5.02G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VHBLK01

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\SOM2WLM031419S.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	2.361	68	75	85	rBV	89015	212757	13.97%	1.849%
2	2.885	156	161	173	rVB	81755	217641	14.29%	1.892%
3	4.013	335	346	360	rBV2	157832	539675	35.44%	4.691%
4	4.598	438	442	443	rBV4	1768	2247	0.15%	0.020%
5	4.763	467	469	472	rVB4	1163	1137	0.07%	0.010%
6	4.799	472	475	477	rBV4	849	1269	0.08%	0.011%
7	4.909	481	493	508	rBV4	18932	81729	5.37%	0.710%
8	5.110	525	526	528	rBV2	756	642	0.04%	0.006%
9	5.202	539	541	545	rVV4	861	949	0.06%	0.008%
10	5.238	545	547	549	rVB2	733	701	0.05%	0.006%
11	5.391	571	572	574	rBV2	891	512	0.03%	0.004%
12	5.439	578	580	581	rBV2	573	403	0.03%	0.004%
13	5.635	610	612	613	rVB2	986	551	0.04%	0.005%
14	5.653	613	615	618	rBV2	817	835	0.05%	0.007%
15	5.763	631	633	637	rVB4	769	751	0.05%	0.007%
16	5.805	637	640	641	rVB2	995	727	0.05%	0.006%
17	5.860	647	649	650	rVV2	831	500	0.03%	0.004%
18	5.933	650	661	669	rVV3	12779	38086	2.50%	0.331%
19	6.012	672	674	676	rBV3	983	707	0.05%	0.006%
20	6.049	679	680	683	rVB3	776	729	0.05%	0.006%
21	6.086	683	686	687	rBV2	739	805	0.05%	0.007%
22	6.159	696	698	700	rVB2	904	631	0.04%	0.005%
23	6.183	700	702	706	rVB4	1130	1115	0.07%	0.010%
24	6.220	706	708	709	rBV	667	373	0.02%	0.003%
25	6.366	729	732	733	rBV	832	853	0.06%	0.007%
26	6.384	733	735	737	rVB3	1067	715	0.05%	0.006%
27	6.543	758	761	763	rVB2	687	623	0.04%	0.005%
28	6.592	767	769	772	rBV4	1012	1295	0.09%	0.011%
29	6.732	789	792	795	rVB4	803	932	0.06%	0.008%
30	6.775	795	799	801	rBV3	715	854	0.06%	0.007%
31	6.933	824	825	827	rBV2	504	436	0.03%	0.004%
32	7.079	839	849	864	rBV	68244	194026	12.74%	1.686%
33	7.354	893	894	895	rVB	1031	377	0.02%	0.003%
34	7.384	897	899	902	rVB2	1139	1090	0.07%	0.009%

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Integrator: RTE
Smoothing : OFF Filtering: 5
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Title : VOC Analysis

35	7.646	930	942	954	rVB	259844	660090	43.35%	5.738%
36	7.738	956	957	960	rVB3	911	569	0.04%	0.005%
37	7.841	969	974	977	rBV3	520	1133	0.07%	0.010%
38	7.939	987	990	992	rVB2	1352	1320	0.09%	0.011%
39	7.957	992	993	997	rBV4	724	818	0.05%	0.007%
40	7.994	997	999	1002	rVB4	695	589	0.04%	0.005%
41	8.018	1002	1003	1007	rBV4	800	1036	0.07%	0.009%
42	8.195	1031	1032	1034	rBV2	605	503	0.03%	0.004%
43	8.274	1034	1045	1063	rVV2	494969	1522774	100.00%	13.236%
44	8.695	1110	1114	1117	rVB4	1924	2981	0.20%	0.026%
45	8.841	1129	1138	1150	rBV	482487	942546	61.90%	8.193%
46	8.969	1157	1159	1162	rBV3	1070	1020	0.07%	0.009%
47	9.042	1164	1171	1173	rBV6	2346	4472	0.29%	0.039%
48	9.152	1187	1189	1193	rBV4	781	978	0.06%	0.009%
49	9.195	1193	1196	1197	rBV2	473	364	0.02%	0.003%
50	9.213	1197	1199	1200	rBV2	694	626	0.04%	0.005%
51	9.274	1201	1209	1224	rVB	344323	716085	47.03%	6.224%
52	9.390	1224	1228	1230	rBV3	1569	2160	0.14%	0.019%
53	9.603	1259	1263	1265	rBV5	1299	1432	0.09%	0.012%
54	9.701	1277	1279	1281	rVB2	726	498	0.03%	0.004%
55	9.750	1281	1287	1296	rBV3	14754	32408	2.13%	0.282%
56	9.890	1302	1310	1320	rBV2	40748	92055	6.05%	0.800%
57	10.030	1326	1333	1340	rBV	181492	331580	21.77%	2.882%
58	10.250	1361	1369	1374	rBV2	23227	41719	2.74%	0.363%
59	10.323	1374	1381	1391	rVV	717707	1204556	79.10%	10.470%
60	10.573	1416	1422	1429	rBV	127019	221390	14.54%	1.924%
61	10.652	1434	1435	1437	rBV2	1201	759	0.05%	0.007%
62	10.701	1437	1443	1450	rVB3	9578	18545	1.22%	0.161%
63	10.768	1450	1454	1459	rBV3	5622	8339	0.55%	0.072%
64	10.841	1463	1466	1472	rVB6	4297	6663	0.44%	0.058%
65	10.926	1472	1480	1492	rBV	257570	432713	28.42%	3.761%
66	11.146	1514	1516	1519	rBV4	1508	1948	0.13%	0.017%
67	11.213	1525	1527	1528	rBV2	1017	519	0.03%	0.005%
68	11.329	1544	1546	1547	rBV2	1354	887	0.06%	0.008%
69	11.402	1552	1558	1568	rVB10	3653	7003	0.46%	0.061%
70	11.627	1586	1595	1604	rBV	706703	1210627	79.50%	10.523%
71	12.225	1692	1693	1694	rBV	1213	590	0.04%	0.005%

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Integration Parameters: LSCINT.P
Integrator: RTE
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Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Title : VOC Analysis

72	12.304	1704	1706	1708	rVB2	853	541	0.04%	0.005%
73	12.341	1708	1712	1713	rBV3	814	1151	0.08%	0.010%
74	12.450	1727	1730	1731	rBV3	761	602	0.04%	0.005%
75	12.554	1745	1747	1749	rBV3	1190	1110	0.07%	0.010%
76	12.609	1750	1756	1762	rVV4	13895	25678	1.69%	0.223%
77	12.694	1763	1770	1777	rVV	335124	541337	35.55%	4.705%
78	12.755	1777	1780	1783	rVV5	1425	1692	0.11%	0.015%
79	12.865	1796	1798	1801	rVB4	1358	1152	0.08%	0.010%
80	12.889	1801	1802	1804	rBV2	1155	650	0.04%	0.006%
81	12.932	1804	1809	1810	rBV4	1590	2237	0.15%	0.019%
82	13.005	1819	1821	1822	rBV	792	641	0.04%	0.006%
83	13.066	1829	1831	1834	rBV2	1065	1535	0.10%	0.013%
84	13.090	1834	1835	1836	rVV	1230	774	0.05%	0.007%
85	13.133	1840	1842	1844	rVV3	1076	795	0.05%	0.007%
86	13.200	1849	1853	1856	rVB4	3754	6126	0.40%	0.053%
87	13.414	1881	1888	1894	rBV3	10405	18263	1.20%	0.159%
88	13.560	1906	1912	1918	rBV	655026	1018504	66.88%	8.853%
89	13.859	1954	1961	1967	rBV	599991	1004405	65.96%	8.730%
90	14.072	1992	1996	2004	rBV2	12909	23116	1.52%	0.201%
91	14.261	2024	2027	2032	rBV6	1511	2588	0.17%	0.022%
92	14.450	2056	2058	2059	rBV2	1220	1086	0.07%	0.009%
93	14.633	2086	2088	2091	rBV4	1074	1452	0.10%	0.013%
94	14.706	2099	2100	2101	rBV	1138	708	0.05%	0.006%
95	15.115	2165	2167	2169	rBV3	1131	960	0.06%	0.008%
96	15.255	2187	2190	2191	rBV2	1366	1220	0.08%	0.011%
97	15.444	2217	2221	2226	rVB2	28130	44059	2.89%	0.383%
98	15.505	2227	2231	2242	rVB2	7692	17675	1.16%	0.154%
99	15.803	2278	2280	2282	rBV3	2820	2644	0.17%	0.023%
100	16.505	2393	2395	2397	rVB2	1370	1117	0.07%	0.010%

Sum of corrected areas: 11504786

LSC Report - Integrated Chromatogram

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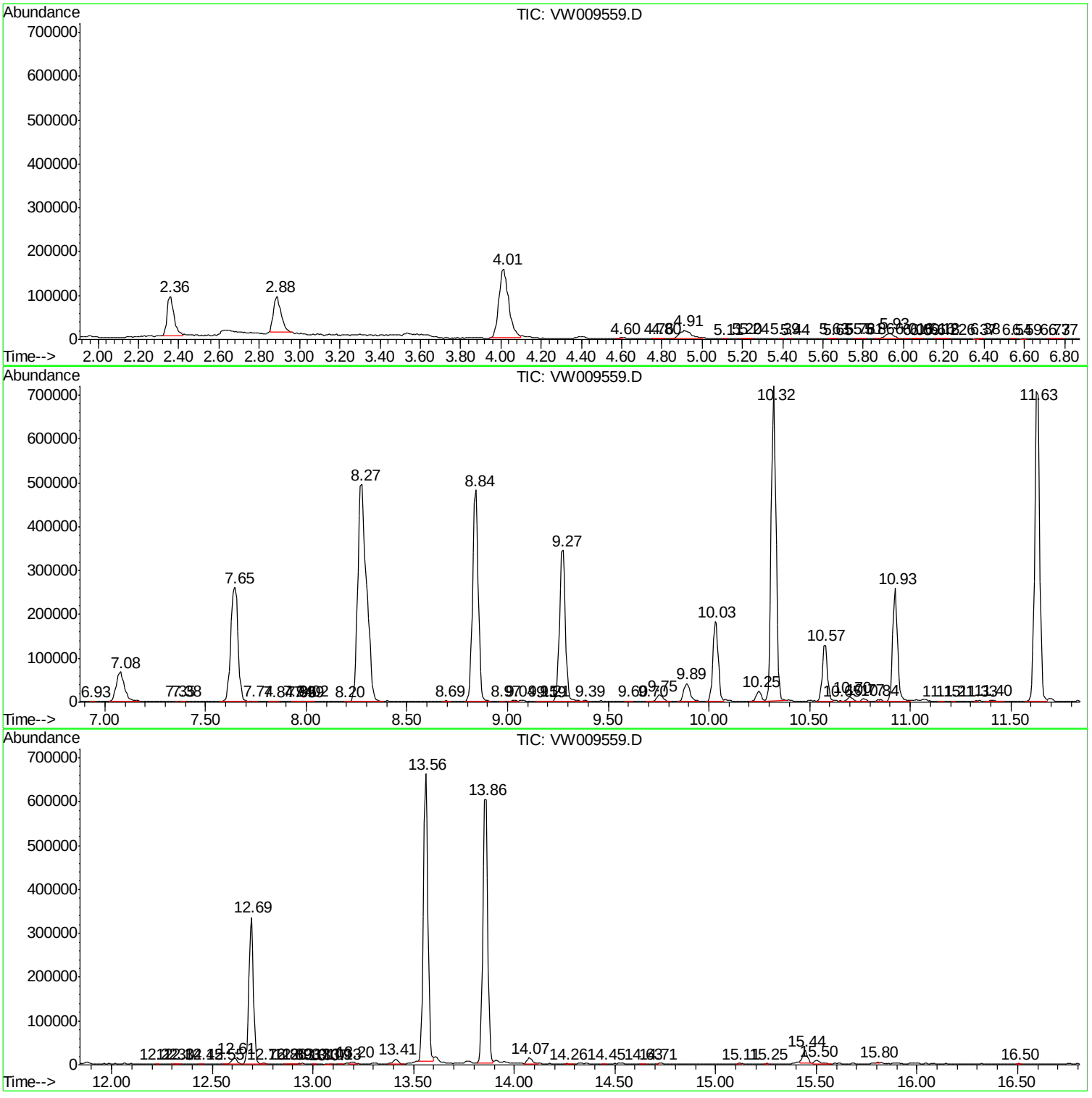
Instrument : MSVOA_W
ClientSampleId : VHBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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



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ClientSampleId : VHBLK01

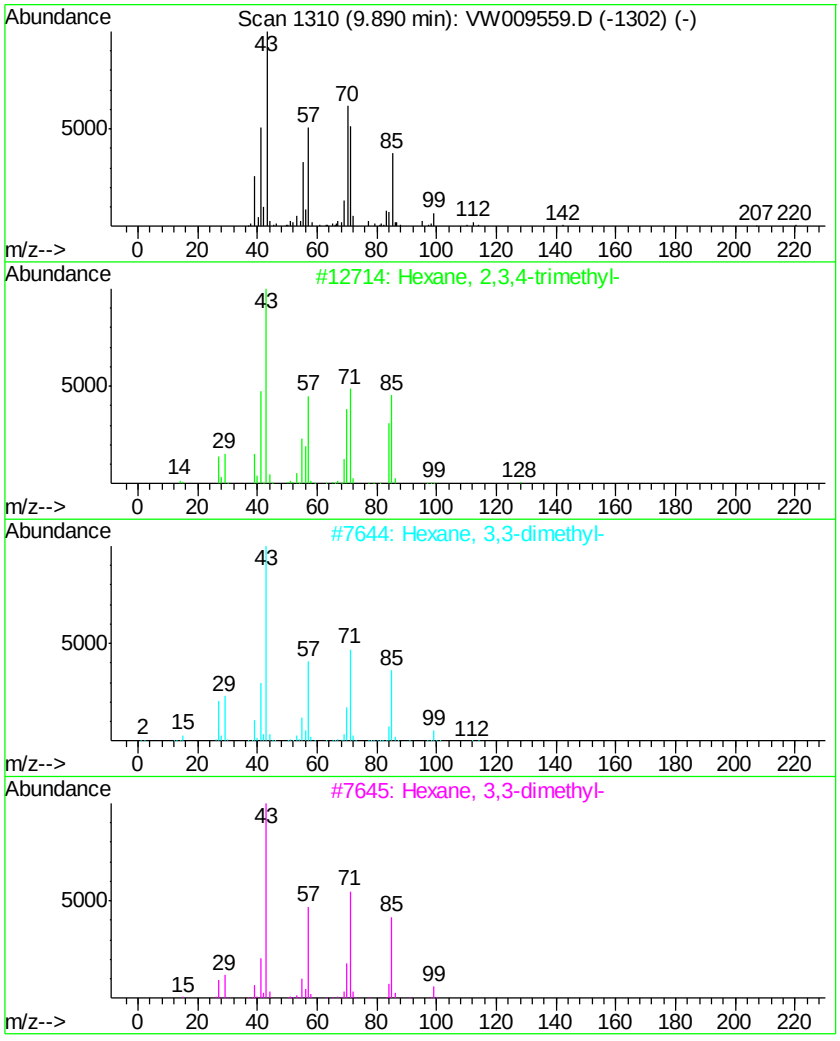
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

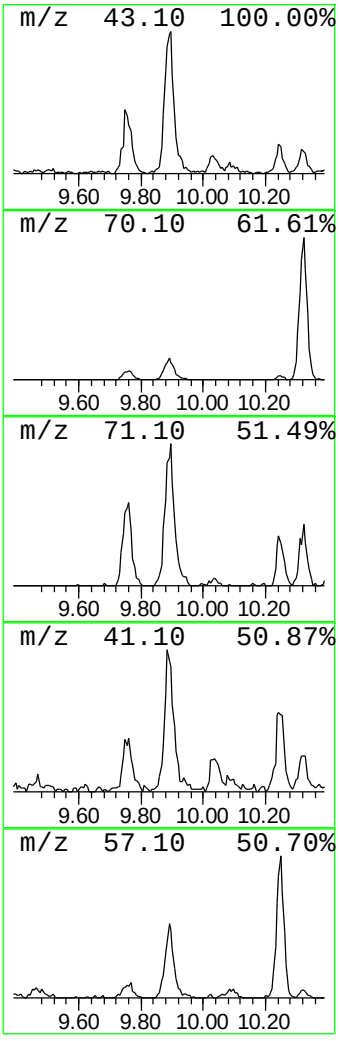
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	2.44 ug/L	92055	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	78
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
4	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	53
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	53





Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	9.89	2.4	ug/L	92055	1	8.84	942546	25.0