LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007149.D
Acq On : 30 Nov 2018 18:33
Operator : SY/AP
Sample : J6077-08
Misc : 5.69G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9Y40

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\SOM2WLM113018S.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	69	74	83	rVB	25418	41057	10.89%	1.371%
2	2.892	156	162	170	rVB	16932	33077	8.77%	1.104%
3	3.160	205	206	208	rBV	301	247	0.07%	0.008%
4	3.330	233	234	236	rVB	202	80	0.02%	0.003%
5	3.385	242	243	248	rVB2	198	227	0.06%	0.008%
6	3.544	263	269	279	rVB2	2102	5164	1.37%	0.172%
7	3.684	290	292	293	rBV2	128	103	0.03%	0.003%
8	3.818	313	314	317	rBV2	169	199	0.05%	0.007%
9	3.849	317	319	320	rBV	340	266	0.07%	0.009%
10	4.026	337	348	359	rBV	46630	122414	32.47%	4.086%
11	4.263	385	387	388	rBV	140	98	0.03%	0.003%
12	4.324	395	397	398	rBV	191	143	0.04%	0.005%
13	4.373	403	405	406	rBV2	377	393	0.10%	0.013%
14	4.477	420	422	424	rVB	186	127	0.03%	0.004%
15	4.519	426	429	435	rVB2	196	288	0.08%	0.010%
16	4.568	435	437	439	rBV2	134	114	0.03%	0.004%
17	4.617	439	445	446	rBV2	300	458	0.12%	0.015%
18	4.708	459	460	463	rBV2	131	126	0.03%	0.004%
19	4.739	463	465	467	rVV2	192	162	0.04%	0.005%
20	4.928	486	496	506	rBV3	5123	15727	4.17%	0.525%
21	5.239	545	547	549	rBV	248	235	0.06%	0.008%
22	5.355	565	566	568	rBV	151	131	0.03%	0.004%
23	5.483	585	587	591	rBV2	93	107	0.03%	0.004%
24	5.726	624	627	630	rBV	171	234	0.06%	0.008%
25	5.861	647	649	651	rBV	167	178	0.05%	0.006%
26	5.952	654	664	675	rVV2	7149	20684	5.49%	0.690%
27	6.092	686	687	688	rBV	166	97	0.03%	0.003%
28	6.232	708	710	711	rBV	141	133	0.04%	0.004%
29	6.293	718	720	723	rVB2	191	118	0.03%	0.004%
30	6.531	757	759	761	rBV	208	195	0.05%	0.007%
31	6.574	765	766	769	rVV	151	133	0.04%	0.004%
32	6.604	769	771	774	rVB2	192	174	0.05%	0.006%
33	6.629	774	775	778	rBV	139	82	0.02%	0.003%
34	6.738	791	793	795	rBV2	154	179	0.05%	0.006%

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Integration Parameters: LSCINT.P
Integrator: RTE
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Title : VOC Analysis

35	6.976	829	832	833	rVB	141	112	0.03%	0.004%
36	7.001	834	836	839	rBV	206	175	0.05%	0.006%
37	7.080	841	849	868	rBV3	13652	45607	12.10%	1.522%
38	7.397	899	901	903	rBV	220	165	0.04%	0.006%
39	7.458	910	911	912	rBV	186	93	0.02%	0.003%
40	7.653	933	943	955	rVV	53784	141157	37.44%	4.712%
41	7.763	959	961	963	rVB2	210	170	0.05%	0.006%
42	7.952	988	992	998	rVB3	813	1599	0.42%	0.053%
43	8.000	998	1000	1001	rVB	132	86	0.02%	0.003%
44	8.031	1001	1005	1007	rBV2	160	219	0.06%	0.007%
45	8.128	1018	1021	1022	rBV	223	228	0.06%	0.008%
46	8.165	1025	1027	1028	rBV	142	98	0.03%	0.003%
47	8.208	1032	1034	1036	rBV2	252	310	0.08%	0.010%
48	8.281	1037	1046	1061	rVV2	116353	344670	91.42%	11.505%
49	8.762	1123	1125	1129	rVB2	264	295	0.08%	0.010%
50	8.848	1129	1139	1147	rBV	150760	296799	78.72%	9.907%
51	9.037	1167	1170	1172	rBV	313	328	0.09%	0.011%
52	9.171	1190	1192	1195	rBV	128	140	0.04%	0.005%
53	9.214	1196	1199	1201	rBV2	164	184	0.05%	0.006%
54	9.281	1201	1210	1218	rBV	73382	150823	40.00%	5.035%
55	9.384	1224	1227	1229	rBV2	245	295	0.08%	0.010%
56	9.464	1239	1240	1242	rBV	141	124	0.03%	0.004%
57	9.793	1290	1294	1296	rVV2	320	414	0.11%	0.014%
58	9.951	1317	1320	1322	rVB2	173	144	0.04%	0.005%
59	10.037	1327	1334	1343	rVB	45588	82147	21.79%	2.742%
60	10.189	1357	1359	1361	rBV	192	202	0.05%	0.007%
61	10.268	1370	1372	1373	rVB	178	93	0.02%	0.003%
62	10.329	1373	1382	1389	rBV	185605	326384	86.57%	10.895%
63	10.579	1417	1423	1431	rVB	32470	53275	14.13%	1.778%
64	10.713	1439	1445	1449	rBV3	5252	12057	3.20%	0.402%
65	10.927	1474	1480	1489	rBV	59371	99243	26.32%	3.313%
66	11.067	1499	1503	1510	rVB2	5636	9801	2.60%	0.327%
67	11.634	1589	1596	1606	rVB	224917	377036	100.00%	12.586%
68	12.128	1676	1677	1679	rVB	250	127	0.03%	0.004%
69	12.176	1681	1685	1688	rVB3	598	839	0.22%	0.028%
70	12.268	1699	1700	1701	rBV3	189	122	0.03%	0.004%
71	12.298	1704	1705	1707	rVV2	188	155	0.04%	0.005%

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Instrument : MSVOA_W
ClientSampleId : F9Y40

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\SOM2WLM113018S.M
Title : VOC Analysis

72	12.396	1719	1721	1722	rBV2	118	83	0.02%	0.003%
73	12.463	1728	1732	1735	rBV3	318	601	0.16%	0.020%
74	12.518	1739	1741	1742	rBV	142	137	0.04%	0.005%
75	12.615	1752	1757	1764	rVB2	6247	10179	2.70%	0.340%
76	12.695	1764	1770	1777	rBV	75054	124380	32.99%	4.152%
77	12.786	1783	1785	1786	rBV	174	129	0.03%	0.004%
78	12.835	1791	1793	1798	rVV2	319	384	0.10%	0.013%
79	12.896	1800	1803	1805	rBV2	411	413	0.11%	0.014%
80	12.939	1807	1810	1814	rVV3	1380	1816	0.48%	0.061%
81	13.006	1820	1821	1823	rBV	126	79	0.02%	0.003%
82	13.091	1832	1835	1836	rBV	159	178	0.05%	0.006%
83	13.146	1842	1844	1845	rBV	198	153	0.04%	0.005%
84	13.182	1848	1850	1852	rBV2	142	146	0.04%	0.005%
85	13.365	1878	1880	1881	rBV	164	157	0.04%	0.005%
86	13.469	1895	1897	1900	rVB2	358	284	0.08%	0.009%
87	13.499	1900	1902	1905	rBV2	568	650	0.17%	0.022%
88	13.560	1906	1912	1920	rVV	230724	367817	97.55%	12.278%
89	13.658	1923	1928	1931	rVV2	957	1421	0.38%	0.047%
90	13.859	1954	1961	1968	rBV	176626	286277	75.93%	9.556%
91	13.969	1977	1979	1981	rVB	216	162	0.04%	0.005%
92	14.018	1985	1987	1988	rVB	233	95	0.03%	0.003%
93	14.036	1988	1990	1991	rBV	294	191	0.05%	0.006%
94	14.085	1993	1998	2005	rVB2	3516	6062	1.61%	0.202%
95	14.335	2036	2039	2044	rBV2	524	1059	0.28%	0.035%
96	14.639	2083	2089	2093	rVB3	506	833	0.22%	0.028%
97	14.676	2093	2095	2096	rBV	175	163	0.04%	0.005%
98	14.737	2102	2105	2107	rVB2	399	390	0.10%	0.013%
99	15.145	2168	2172	2175	rBV3	732	1076	0.29%	0.036%
100	15.566	2237	2241	2246	rBV4	1242	1568	0.42%	0.052%

Sum of corrected areas: 2995749

LSC Report - Integrated Chromatogram

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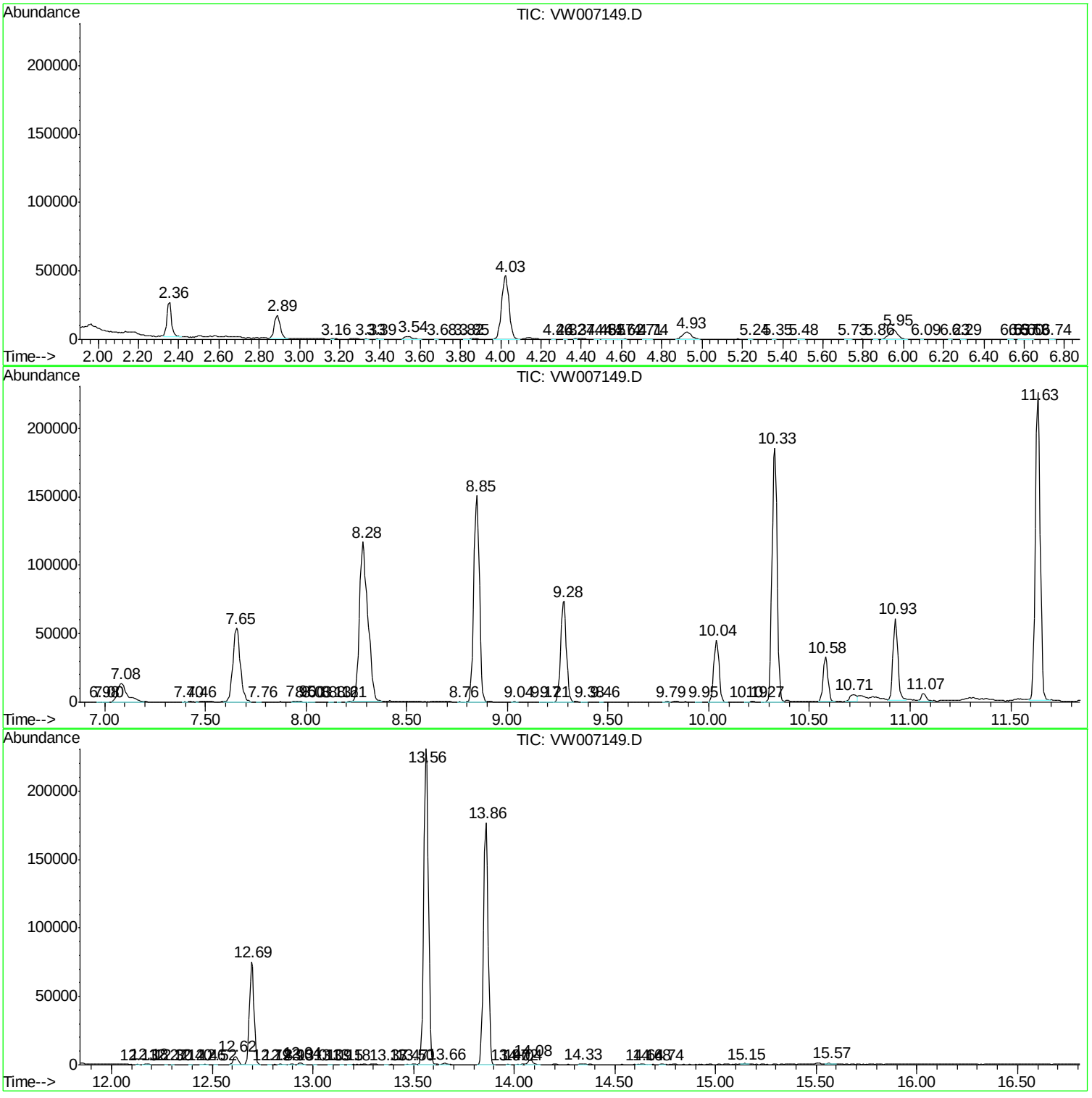
Instrument : MSVOA_W
ClientSampleId : F9Y40

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.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\VW113018\
Data File : VW007149.D
Acq On : 30 Nov 2018 18:33
Operator : SY/AP
Sample : J6077-08
Misc : 5.69G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9Y40

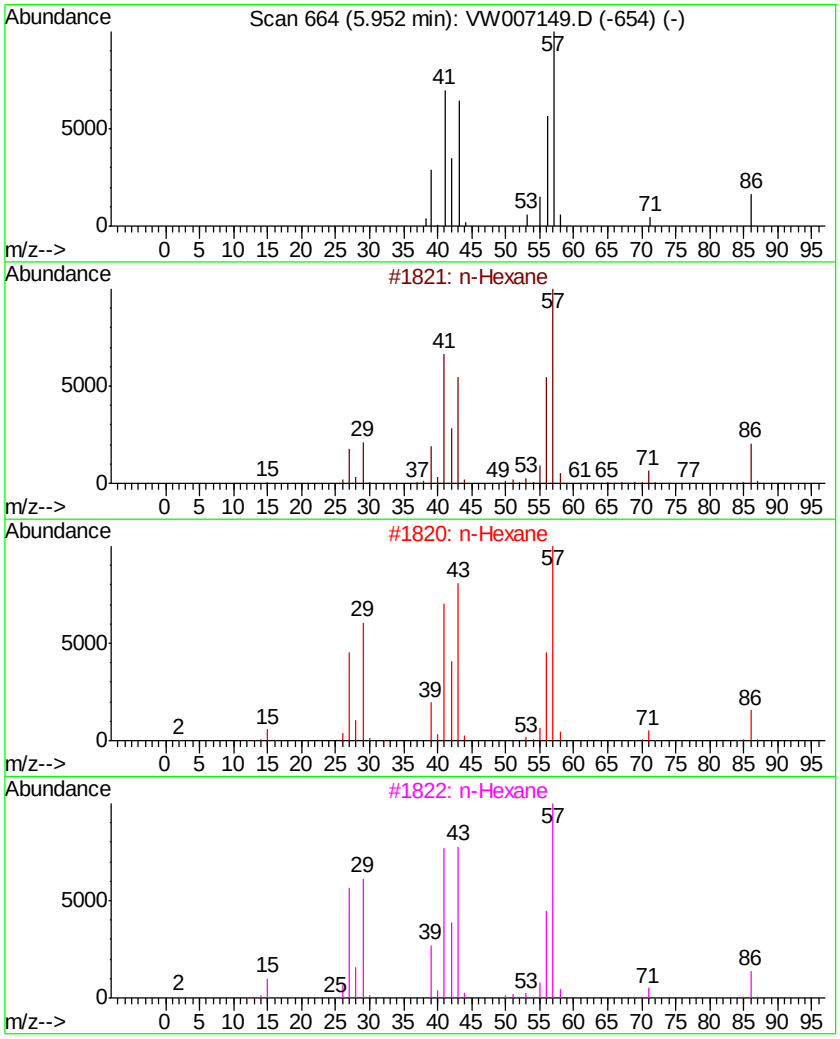
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

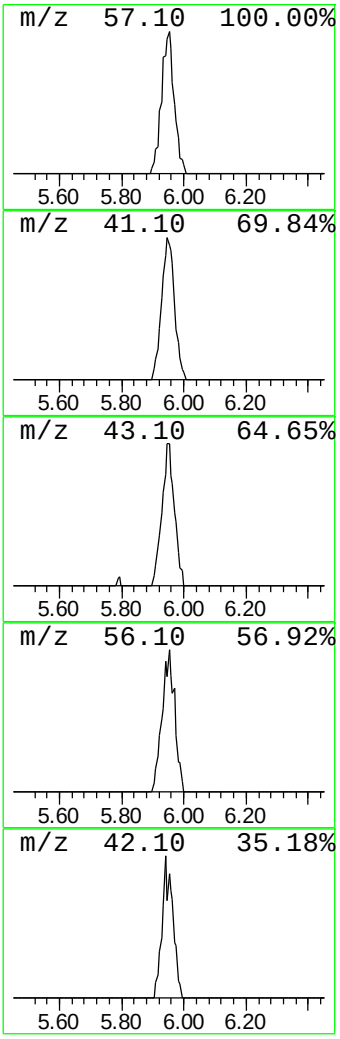
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	1.74 ug/L	20684	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	90
2	n-Hexane	86	C6H14	000110-54-3	72
3	n-Hexane	86	C6H14	000110-54-3	72
4	Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	40
5	Cyclobutane	56	C4H8	000287-23-0	35





Tentatively Identified Compound (LSC) summary

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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
(DEL) Alkane: Str...	5.95	1.7	ug/L	20684	1	8.85	296799	25.0