LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100318\
Data File : VW005820.D
Acq On : 03 Oct 2018 17:39
Operator : SY/AP
Sample : J5181-18
Misc : 5.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLC47

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\SOM2WLM092818S.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	85	rVB	33107	63181	9.54%	1.186%
2	2.897	156	163	176	rVB2	21315	58117	8.78%	1.091%
3	3.830	311	316	317	rBV3	497	682	0.10%	0.013%
4	3.940	333	334	335	rBV	395	245	0.04%	0.005%
5	4.013	335	346	359	rVV	55459	182290	27.54%	3.422%
6	4.287	388	391	392	rBV	286	241	0.04%	0.005%
7	4.403	403	410	411	rBV3	859	1735	0.26%	0.033%
8	4.909	482	493	514	rBV2	40537	149432	22.57%	2.805%
9	5.117	524	527	528	rBV2	312	341	0.05%	0.006%
10	5.171	535	536	541	rBV2	213	307	0.05%	0.006%
11	5.208	541	542	545	rVB3	429	328	0.05%	0.006%
12	5.281	551	554	557	rVB2	243	239	0.04%	0.004%
13	5.452	581	582	585	rBV2	273	287	0.04%	0.005%
14	5.519	591	593	596	rVB	263	219	0.03%	0.004%
15	5.647	611	614	617	rBV2	182	303	0.05%	0.006%
16	5.940	650	662	672	rBV	13272	37281	5.63%	0.700%
17	6.025	675	676	680	rVB3	243	235	0.04%	0.004%
18	6.189	700	703	705	rBV3	213	277	0.04%	0.005%
19	6.354	726	730	731	rBV	213	227	0.03%	0.004%
20	6.409	736	739	741	rBV3	209	289	0.04%	0.005%
21	6.628	773	775	778	rBV2	202	232	0.04%	0.004%
22	6.750	793	795	797	rBV2	226	213	0.03%	0.004%
23	6.775	797	799	803	rVV	159	268	0.04%	0.005%
24	6.933	824	825	828	rBV2	262	268	0.04%	0.005%
25	7.080	837	849	855	rBV	28442	77641	11.73%	1.457%
26	7.421	902	905	907	rBV2	274	326	0.05%	0.006%
27	7.451	907	910	911	rBV2	316	274	0.04%	0.005%
28	7.543	920	925	930	rVB5	735	1518	0.23%	0.028%
29	7.653	932	943	955	rVB	120169	298625	45.11%	5.606%
30	7.945	989	991	994	rVB2	331	316	0.05%	0.006%
31	8.281	1033	1046	1060	rBV2	217310	661983	100.00%	12.426%
32	8.482	1076	1079	1080	rVB2	303	324	0.05%	0.006%
33	8.494	1080	1081	1082	rVV	592	238	0.04%	0.004%
34	8.512	1082	1084	1087	rVB2	338	315	0.05%	0.006%

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Instrument : MSVOA_W
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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\SOM2WLM092818S.M
Title : VOC Analysis

35	8.604	1096	1099	1101	rBV2	168	243	0.04%	0.005%
36	8.848	1130	1139	1150	rVV	259828	515329	77.85%	9.673%
37	8.957	1156	1157	1161	rBV2	450	614	0.09%	0.012%
38	9.079	1169	1177	1183	rVB6	2312	5161	0.78%	0.097%
39	9.280	1202	1210	1219	rBV	154366	314726	47.54%	5.908%
40	9.476	1238	1242	1245	rVB2	280	452	0.07%	0.008%
41	9.512	1245	1248	1251	rBV2	182	250	0.04%	0.005%
42	9.543	1251	1253	1256	rVV2	228	238	0.04%	0.004%
43	9.597	1260	1262	1265	rBV2	213	253	0.04%	0.005%
44	9.628	1265	1267	1269	rVV2	199	210	0.03%	0.004%
45	9.671	1269	1274	1280	rVB2	1045	1915	0.29%	0.036%
46	9.725	1280	1283	1284	rBV2	212	236	0.04%	0.004%
47	9.768	1284	1290	1296	rVB5	1608	2981	0.45%	0.056%
48	9.896	1305	1311	1318	rBV5	4716	9152	1.38%	0.172%
49	10.036	1326	1334	1342	rBV	75305	137310	20.74%	2.577%
50	10.219	1357	1364	1365	rBV3	865	1228	0.19%	0.023%
51	10.250	1365	1369	1374	rVB3	1735	2933	0.44%	0.055%
52	10.329	1374	1382	1389	rBV	273837	474955	71.75%	8.915%
53	10.579	1417	1423	1433	rVB	55952	96034	14.51%	1.803%
54	10.713	1438	1445	1452	rVB	13507	23167	3.50%	0.435%
55	10.847	1464	1467	1470	rBV2	283	353	0.05%	0.007%
56	10.926	1474	1480	1492	rBV	108022	186078	28.11%	3.493%
57	11.067	1498	1503	1510	rVB	25100	40178	6.07%	0.754%
58	11.183	1518	1522	1525	rBV4	1080	1337	0.20%	0.025%
59	11.445	1556	1565	1571	rBV2	8405	14141	2.14%	0.265%
60	11.634	1588	1596	1604	rBV	374799	630904	95.31%	11.843%
61	11.841	1625	1630	1634	rBV4	665	1146	0.17%	0.022%
62	11.902	1639	1640	1646	rVB2	327	434	0.07%	0.008%
63	11.999	1653	1656	1657	rBV2	248	267	0.04%	0.005%
64	12.158	1677	1682	1688	rVV4	982	1990	0.30%	0.037%
65	12.249	1693	1697	1700	rBV2	170	261	0.04%	0.005%
66	12.469	1730	1733	1742	rVB2	686	1354	0.20%	0.025%
67	12.536	1742	1744	1745	rBV	438	278	0.04%	0.005%
68	12.615	1751	1757	1763	rBV2	20926	33472	5.06%	0.628%
69	12.694	1764	1770	1778	rVV	151622	256912	38.81%	4.823%
70	12.762	1779	1781	1785	rVB3	444	551	0.08%	0.010%
71	12.853	1795	1796	1799	rBV2	258	300	0.05%	0.006%

LSC Area Percent Report

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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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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Title : VOC Analysis

72	12.902	1799	1804	1806	rVV2	1029	1473	0.22%	0.028%
73	12.938	1806	1810	1816	rVV2	5494	8256	1.25%	0.155%
74	13.005	1819	1821	1824	rBV	213	215	0.03%	0.004%
75	13.085	1832	1834	1836	rVB2	557	350	0.05%	0.007%
76	13.213	1850	1855	1859	rVB2	562	1042	0.16%	0.020%
77	13.243	1859	1860	1863	rBV3	372	408	0.06%	0.008%
78	13.304	1863	1870	1877	rVB2	4905	7333	1.11%	0.138%
79	13.353	1877	1878	1880	rBV2	293	261	0.04%	0.005%
80	13.420	1886	1889	1893	rVB3	881	1109	0.17%	0.021%
81	13.487	1895	1900	1901	rBV4	578	811	0.12%	0.015%
82	13.511	1901	1904	1906	rBV2	615	849	0.13%	0.016%
83	13.566	1906	1913	1920	rBV	335729	531300	80.26%	9.973%
84	13.774	1943	1947	1950	rBV3	1362	2201	0.33%	0.041%
85	13.859	1954	1961	1968	rBV	273065	438453	66.23%	8.230%
86	14.023	1986	1988	1989	rBV	731	455	0.07%	0.009%
87	14.048	1989	1992	1994	rVV2	2228	3075	0.46%	0.058%
88	14.084	1994	1998	2005	rVB2	8162	12944	1.96%	0.243%
89	14.340	2032	2040	2043	rBV4	3754	6812	1.03%	0.128%
90	14.481	2062	2063	2066	rBV2	348	320	0.05%	0.006%
91	14.584	2077	2080	2083	rBV2	278	418	0.06%	0.008%
92	14.633	2086	2088	2090	rVB2	402	296	0.04%	0.006%
93	14.743	2101	2106	2110	rBV4	2026	2963	0.45%	0.056%
94	14.968	2142	2143	2145	rBV	406	278	0.04%	0.005%
95	15.157	2173	2174	2176	rBV	416	237	0.04%	0.004%
96	15.182	2176	2178	2179	rBV2	500	318	0.05%	0.006%
97	15.444	2219	2221	2228	rVB3	2325	3533	0.53%	0.066%
98	15.511	2228	2232	2239	rVB2	2536	4484	0.68%	0.084%
99	15.682	2259	2260	2262	rBV2	478	502	0.08%	0.009%
100	15.755	2270	2272	2273	rBV2	548	489	0.07%	0.009%

Sum of corrected areas: 5327325

LSC Report - Integrated Chromatogram

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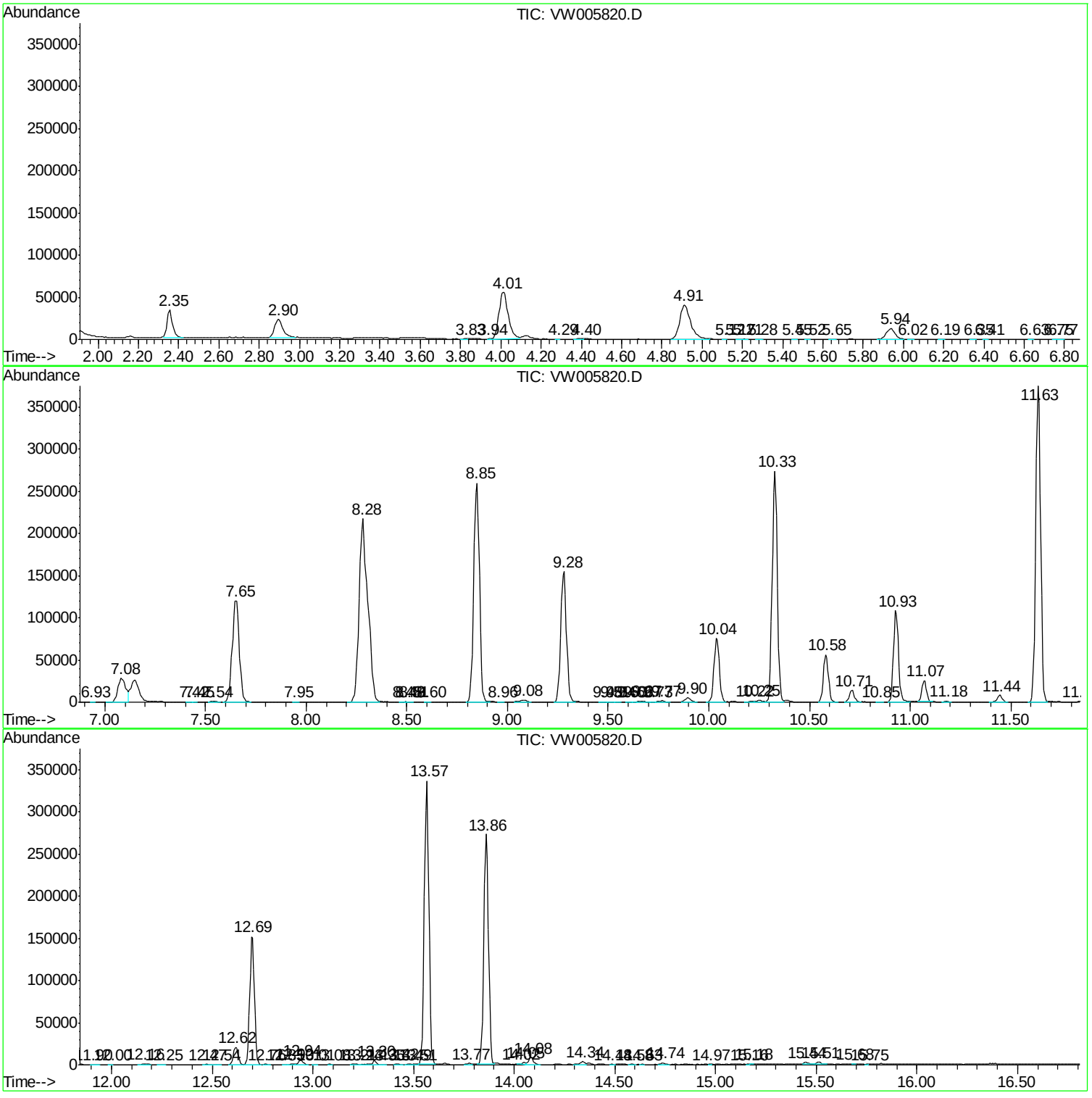
Instrument :
MSVOA_W
ClientSampleId :
JLC47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.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\VW100318\
Data File : VW005820.D
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLC47

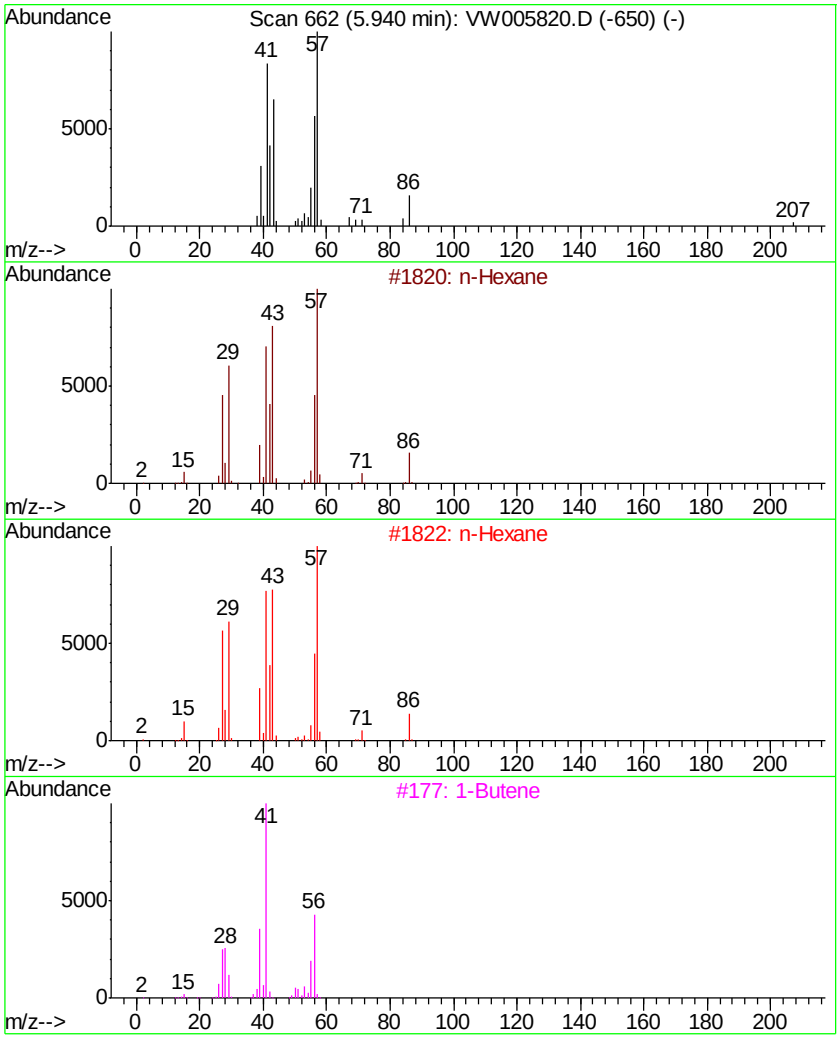
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis

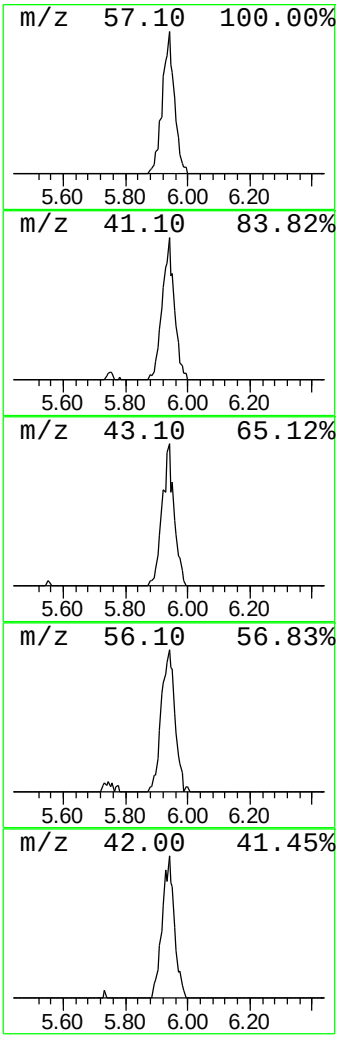
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	1.81 ug/L	37281	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	56
2	n-Hexane	86	C6H14	000110-54-3	56
3	1-Butene	56	C4H8	000106-98-9	43
4	2-Butene, (Z)-	56	C4H8	000590-18-1	43
5	Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	40





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...	5.94	1.8	ug/L	37281	1	8.85	515329	25.0