LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100318\
Data File : VW005809.D
Acq On : 03 Oct 2018 12:54
Operator : SY/AP
Sample : J5182-18
Misc : 4.95G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLC67

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	28993	60972	9.71%	1.219%
2	2.897	157	163	175	rVB3	21740	58456	9.31%	1.169%
3	4.013	335	346	361	rBV	57862	184416	29.36%	3.688%
4	4.464	416	420	423	rBV3	309	605	0.10%	0.012%
5	4.531	429	431	433	rBV	236	169	0.03%	0.003%
6	4.842	479	482	483	rBV2	350	316	0.05%	0.006%
7	4.915	483	494	515	rVV2	30230	108341	17.25%	2.167%
8	5.306	556	558	559	rVB2	308	165	0.03%	0.003%
9	5.434	577	579	582	rVB2	305	291	0.05%	0.006%
10	5.458	582	583	587	rBV	285	201	0.03%	0.004%
11	5.507	587	591	593	rBV2	304	416	0.07%	0.008%
12	5.586	600	604	607	rBV3	205	287	0.05%	0.006%
13	5.659	612	616	618	rBV2	159	259	0.04%	0.005%
14	5.781	634	636	639	rVB3	430	408	0.06%	0.008%
15	5.805	639	640	645	rBV3	319	499	0.08%	0.010%
16	5.940	652	662	674	rVB4	12749	38539	6.14%	0.771%
17	6.043	677	679	681	rBV2	264	256	0.04%	0.005%
18	6.129	692	693	697	rBV2	206	219	0.03%	0.004%
19	6.202	704	705	707	rBV2	206	191	0.03%	0.004%
20	6.409	736	739	740	rBV3	236	194	0.03%	0.004%
21	6.726	788	791	792	rBV	348	243	0.04%	0.005%
22	6.811	802	805	807	rBV	254	225	0.04%	0.004%
23	6.958	827	829	831	rVB2	277	179	0.03%	0.004%
24	6.994	833	835	838	rBV3	240	263	0.04%	0.005%
25	7.092	841	851	856	rBV	24604	66429	10.58%	1.328%
26	7.372	893	897	898	rBV	292	299	0.05%	0.006%
27	7.494	916	917	919	rBV	375	241	0.04%	0.005%
28	7.653	933	943	956	rBV	113788	275223	43.82%	5.504%
29	7.829	970	972	974	rBV2	199	186	0.03%	0.004%
30	7.860	974	977	978	rVB	301	182	0.03%	0.004%
31	7.878	978	980	983	rVB2	141	165	0.03%	0.003%
32	7.951	990	992	993	rVV	244	171	0.03%	0.003%
33	8.012	998	1002	1004	rBV3	256	391	0.06%	0.008%
34	8.073	1009	1012	1014	rBV2	252	242	0.04%	0.005%

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Instrument : MSVOA_W
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Peak separation: 5

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

35	8.134	1020	1022	1026	rBV3	188	192	0.03%	0.004%
36	8.281	1033	1046	1061	rBV2	197767	628141	100.00%	12.562%
37	8.531	1085	1087	1091	rBV2	292	359	0.06%	0.007%
38	8.592	1094	1097	1098	rBV2	200	187	0.03%	0.004%
39	8.848	1130	1139	1150	rBV	245412	491431	78.24%	9.828%
40	8.988	1161	1162	1164	rBV2	248	195	0.03%	0.004%
41	9.085	1171	1178	1183	rVB7	1886	4102	0.65%	0.082%
42	9.128	1183	1185	1186	rBV	280	153	0.02%	0.003%
43	9.280	1200	1210	1220	rBV	147983	297972	47.44%	5.959%
44	9.427	1229	1234	1238	rBV3	286	542	0.09%	0.011%
45	9.463	1238	1240	1243	rVV2	298	309	0.05%	0.006%
46	9.530	1250	1251	1254	rBV	193	174	0.03%	0.003%
47	9.597	1258	1262	1263	rBV	231	196	0.03%	0.004%
48	9.616	1263	1265	1269	rBV2	177	270	0.04%	0.005%
49	9.665	1269	1273	1278	rBV4	864	1645	0.26%	0.033%
50	9.756	1285	1288	1291	rBV4	439	590	0.09%	0.012%
51	9.902	1303	1312	1316	rBV4	1490	3131	0.50%	0.063%
52	10.036	1327	1334	1343	rBV	72843	132974	21.17%	2.659%
53	10.122	1346	1348	1349	rBV	563	426	0.07%	0.009%
54	10.219	1360	1364	1367	rBV3	980	1440	0.23%	0.029%
55	10.250	1367	1369	1373	rVB4	580	791	0.13%	0.016%
56	10.329	1374	1382	1390	rBV	257011	450085	71.65%	9.001%
57	10.463	1402	1404	1406	rVB2	358	259	0.04%	0.005%
58	10.488	1406	1408	1411	rVB	302	334	0.05%	0.007%
59	10.518	1411	1413	1416	rBV2	423	528	0.08%	0.011%
60	10.579	1416	1423	1435	rVB	52300	91989	14.64%	1.840%
61	10.713	1439	1445	1451	rBV3	11161	20758	3.30%	0.415%
62	10.933	1473	1481	1491	rBV	104017	175987	28.02%	3.520%
63	11.073	1498	1504	1510	rVB	14366	23652	3.77%	0.473%
64	11.176	1517	1521	1526	rBV5	769	1559	0.25%	0.031%
65	11.347	1548	1549	1551	rBV2	224	208	0.03%	0.004%
66	11.445	1560	1565	1572	rVB2	8085	12599	2.01%	0.252%
67	11.634	1589	1596	1605	rVB	347742	588940	93.76%	11.778%
68	11.731	1610	1612	1616	rVV2	733	896	0.14%	0.018%
69	11.774	1617	1619	1621	rVV	470	321	0.05%	0.006%
70	11.792	1621	1622	1625	rVV2	340	300	0.05%	0.006%
71	11.841	1625	1630	1635	rVB5	1440	2647	0.42%	0.053%

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ClientSampleId : JLC67

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\SOM2WLM092818S.M
Title : VOC Analysis

72	11.981	1651	1653	1656	rVB2	270	311	0.05%	0.006%
73	12.018	1656	1659	1660	rBV2	291	315	0.05%	0.006%
74	12.036	1660	1662	1664	rVB	217	156	0.02%	0.003%
75	12.073	1664	1668	1669	rVB2	373	391	0.06%	0.008%
76	12.115	1674	1675	1677	rVB	461	224	0.04%	0.004%
77	12.164	1677	1683	1684	rBV3	1036	1384	0.22%	0.028%
78	12.469	1728	1733	1737	rBV3	444	805	0.13%	0.016%
79	12.554	1745	1747	1750	rBV2	185	195	0.03%	0.004%
80	12.615	1751	1757	1763	rVB	20779	34549	5.50%	0.691%
81	12.701	1763	1771	1778	rBV	139028	234406	37.32%	4.688%
82	12.762	1778	1781	1783	rBV2	673	797	0.13%	0.016%
83	12.847	1792	1795	1796	rBV	187	165	0.03%	0.003%
84	12.859	1796	1797	1799	rVV2	366	334	0.05%	0.007%
85	12.896	1799	1803	1807	rVV2	2899	5066	0.81%	0.101%
86	12.938	1807	1810	1817	rVB2	4746	7427	1.18%	0.149%
87	13.042	1823	1827	1831	rBV2	356	596	0.09%	0.012%
88	13.085	1831	1834	1838	rBV3	516	687	0.11%	0.014%
89	13.231	1856	1858	1859	rBV	226	190	0.03%	0.004%
90	13.304	1866	1870	1877	rVB2	4622	6657	1.06%	0.133%
91	13.359	1877	1879	1883	rBV	168	202	0.03%	0.004%
92	13.414	1883	1888	1891	rBV3	1186	1668	0.27%	0.033%
93	13.517	1901	1905	1906	rBV2	719	908	0.14%	0.018%
94	13.566	1906	1913	1920	rVV	312021	502797	80.05%	10.055%
95	13.652	1923	1927	1933	rVB	16087	24790	3.95%	0.496%
96	13.859	1954	1961	1968	rBV	254643	412444	65.66%	8.248%
97	14.084	1994	1998	2005	rVB	9294	14155	2.25%	0.283%
98	14.212	2017	2019	2024	rVB4	899	993	0.16%	0.020%
99	15.450	2219	2222	2227	rVB3	2309	3234	0.51%	0.065%
100	15.511	2227	2232	2237	rBV2	5093	8552	1.36%	0.171%

Sum of corrected areas: 5000319

LSC Report - Integrated Chromatogram

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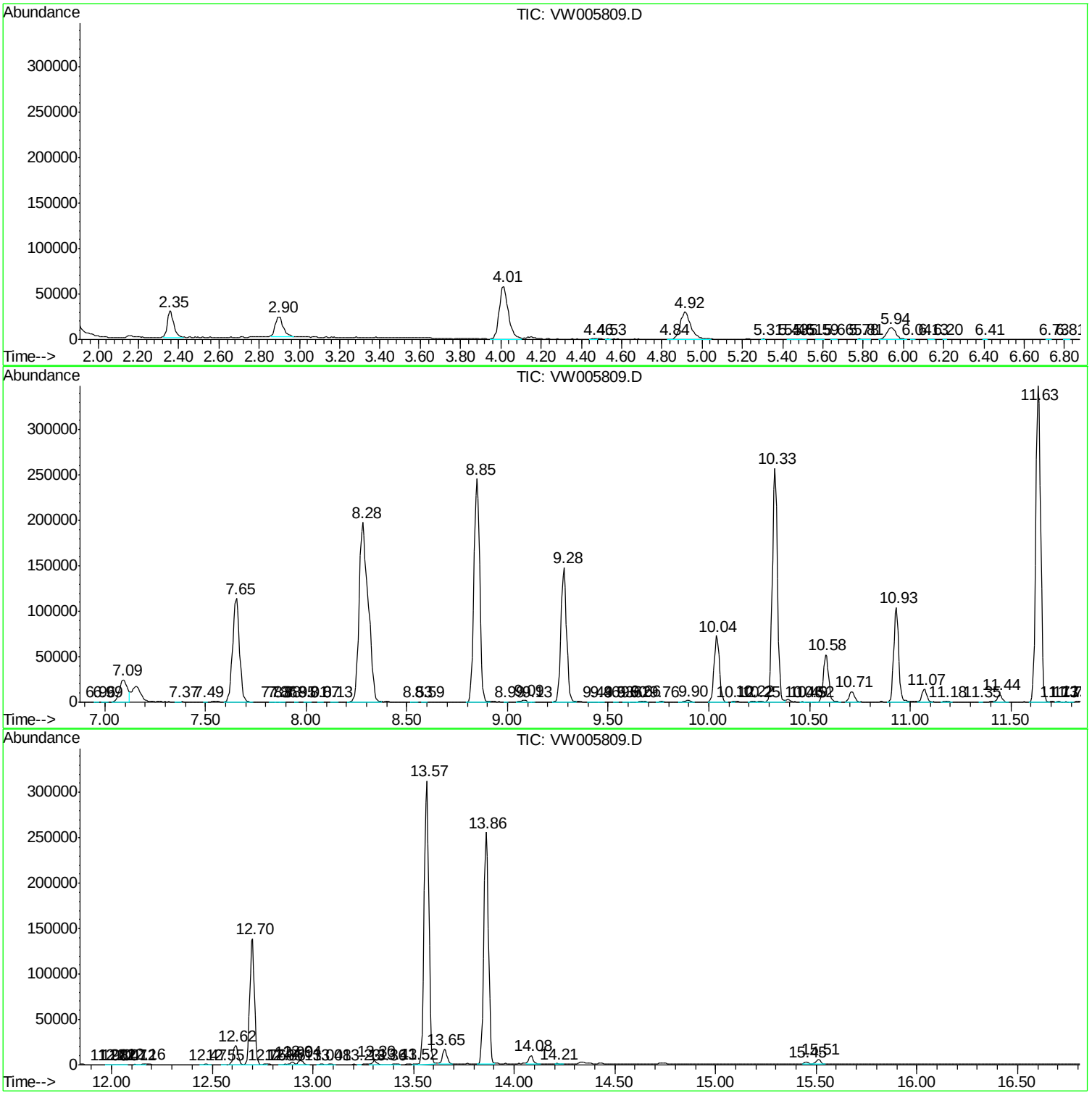
Instrument :
MSVOA_W
ClientSampleId :
JLC67

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\
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLC67

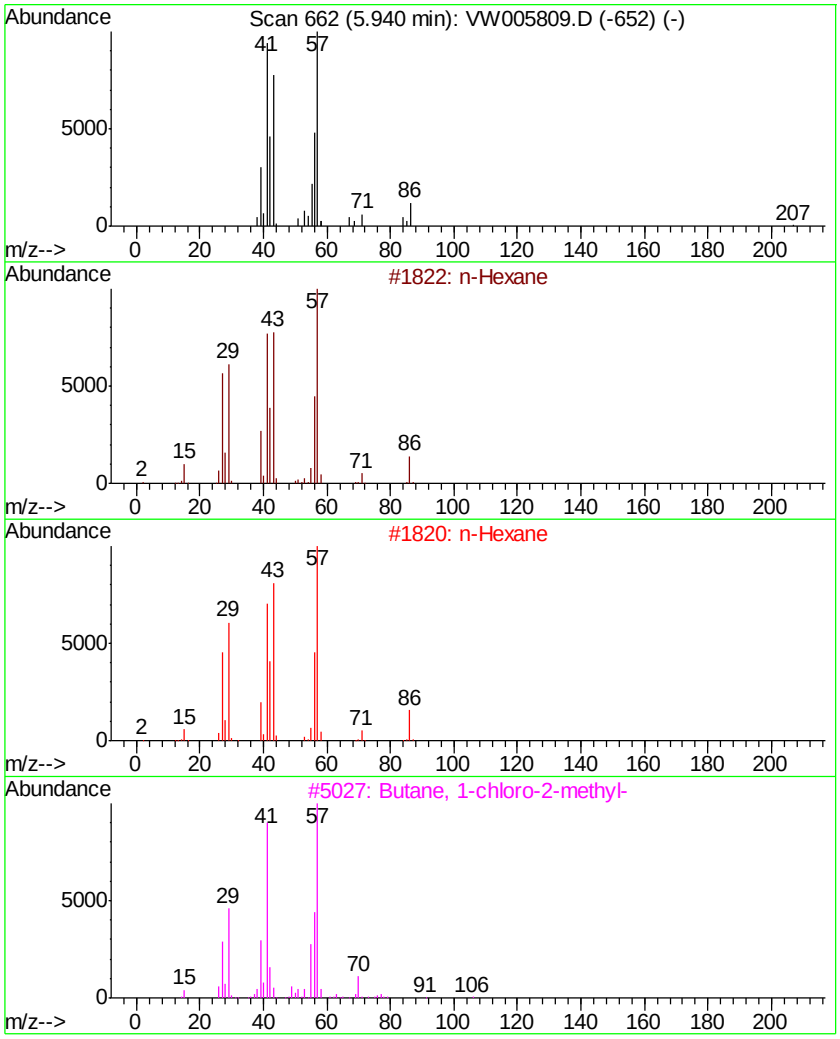
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis

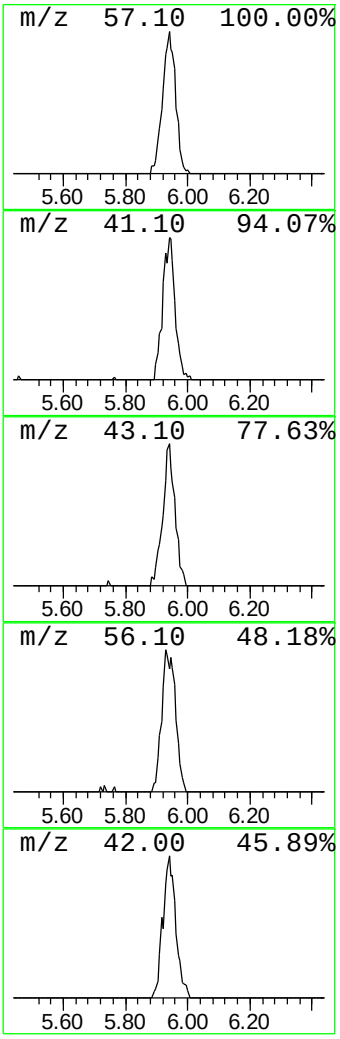
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	1.96 ug/L	38539	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	86
2	n-Hexane	86	C6H14	000110-54-3	80
3	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	38
4	1-Hexene	84	C6H12	000592-41-6	28
5	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	23





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	2.0	ug/L	38539	1	8.85	491431	25.0