LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100318\
Data File : VW005826.D
Acq On : 03 Oct 2018 22:01
Operator : SY/AP
Sample : J5182-10RE
Misc : 4.19G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLC59RE

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	71	74	83	rVB	8218	14538	10.14%	1.275%
2	4.013	338	346	356	rVB2	14784	37700	26.30%	3.306%
3	4.117	361	363	365	rBV2	432	468	0.33%	0.041%
4	4.263	385	387	388	rBV	220	166	0.12%	0.015%
5	4.568	435	437	438	rBV2	275	193	0.13%	0.017%
6	4.586	438	440	441	rBV	212	173	0.12%	0.015%
7	4.916	482	494	505	rVV2	14780	46355	32.34%	4.065%
8	5.019	508	511	514	rBV2	235	443	0.31%	0.039%
9	5.818	640	642	644	rVB	330	243	0.17%	0.021%
10	5.854	645	648	649	rBV2	257	212	0.15%	0.019%
11	5.921	654	659	660	rBV2	746	958	0.67%	0.084%
12	6.043	678	679	682	rVB	229	202	0.14%	0.018%
13	6.098	686	688	693	rBV2	188	282	0.20%	0.025%
14	6.178	698	701	702	rBV3	299	361	0.25%	0.032%
15	6.299	719	721	722	rBV2	231	165	0.12%	0.014%
16	6.537	758	760	764	rBV2	201	202	0.14%	0.018%
17	6.702	784	787	789	rBV2	227	274	0.19%	0.024%
18	6.812	802	805	807	rBV2	335	461	0.32%	0.040%
19	6.982	831	833	837	rBV3	215	286	0.20%	0.025%
20	7.080	843	849	850	rBV2	2910	4065	2.84%	0.356%
21	7.330	887	890	892	rBV	163	234	0.16%	0.021%
22	7.507	916	919	920	rBV2	241	232	0.16%	0.020%
23	7.653	932	943	954	rBV	28491	69400	48.41%	6.086%
24	7.781	961	964	965	rBV2	189	226	0.16%	0.020%
25	7.891	980	982	984	rBV2	171	174	0.12%	0.015%
26	7.970	992	995	996	rBV2	168	212	0.15%	0.019%
27	8.165	1026	1027	1030	rBV	227	186	0.13%	0.016%
28	8.281	1035	1046	1060	rBV2	45158	143345	100.00%	12.570%
29	8.537	1086	1088	1089	rVB2	248	152	0.11%	0.013%
30	8.549	1089	1090	1092	rBV	163	165	0.12%	0.014%
31	8.683	1109	1112	1115	rBV2	367	485	0.34%	0.043%
32	8.708	1115	1116	1117	rVV	359	168	0.12%	0.015%
33	8.750	1121	1123	1127	rBV3	240	308	0.21%	0.027%
34	8.848	1131	1139	1147	rVV2	45656	92264	64.36%	8.091%

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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	8.909	1147	1149	1151	rVB2	265	165	0.12%	0.014%
36	8.933	1151	1153	1154	rBV	288	180	0.13%	0.016%
37	9.073	1175	1176	1178	rBV2	334	220	0.15%	0.019%
38	9.281	1202	1210	1220	rBV	34561	68056	47.48%	5.968%
39	9.500	1245	1246	1250	rVB	187	232	0.16%	0.020%
40	9.829	1299	1300	1303	rVB2	239	186	0.13%	0.016%
41	9.860	1303	1305	1307	rBV2	150	171	0.12%	0.015%
42	9.896	1307	1311	1316	rVB3	367	630	0.44%	0.055%
43	10.043	1328	1335	1342	rVB	13251	25602	17.86%	2.245%
44	10.098	1342	1344	1346	rBV2	450	418	0.29%	0.037%
45	10.146	1349	1352	1353	rBV2	283	182	0.13%	0.016%
46	10.165	1353	1355	1360	rVB2	204	248	0.17%	0.022%
47	10.220	1360	1364	1367	rBV4	367	571	0.40%	0.050%
48	10.329	1375	1382	1390	rBV	54113	97163	67.78%	8.520%
49	10.439	1396	1400	1401	rBV2	234	312	0.22%	0.027%
50	10.585	1418	1424	1429	rVB	9935	17331	12.09%	1.520%
51	10.671	1433	1438	1441	rBV4	1659	2694	1.88%	0.236%
52	10.713	1441	1445	1449	rVV2	4059	6870	4.79%	0.602%
53	10.762	1451	1453	1458	rVB2	2004	2342	1.63%	0.205%
54	10.841	1464	1466	1469	rVB2	292	290	0.20%	0.025%
55	10.933	1474	1481	1491	rBV	11752	21738	15.16%	1.906%
56	11.018	1493	1495	1497	rBV	180	184	0.13%	0.016%
57	11.067	1499	1503	1508	rBV3	2712	4191	2.92%	0.368%
58	11.183	1518	1522	1526	rVB2	3946	6102	4.26%	0.535%
59	11.232	1526	1530	1537	rVB3	1854	3533	2.46%	0.310%
60	11.292	1539	1540	1544	rVV2	388	273	0.19%	0.024%
61	11.341	1546	1548	1552	rVB2	501	437	0.30%	0.038%
62	11.414	1556	1560	1561	rVV2	624	846	0.59%	0.074%
63	11.445	1561	1565	1573	rVB4	3965	6690	4.67%	0.587%
64	11.512	1573	1576	1582	rBV3	457	728	0.51%	0.064%
65	11.634	1589	1596	1604	rVB	63908	106966	74.62%	9.380%
66	11.738	1608	1613	1618	rBV	8853	15173	10.58%	1.331%
67	11.841	1623	1630	1642	rBV	38494	74959	52.29%	6.573%
68	11.987	1652	1654	1657	rBV3	175	177	0.12%	0.016%
69	12.042	1660	1663	1667	rVB3	300	389	0.27%	0.034%
70	12.170	1674	1684	1691	rBV	18985	34240	23.89%	3.002%
71	12.268	1698	1700	1702	rBV2	260	281	0.20%	0.025%

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Integration Parameters: LSCINT.P
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Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Title : VOC Analysis

72	12.298	1702	1705	1708	rVB4	425	624	0.44%	0.055%
73	12.347	1708	1713	1718	rBV5	1484	2521	1.76%	0.221%
74	12.396	1718	1721	1724	rVV4	713	815	0.57%	0.071%
75	12.469	1730	1733	1738	rBV4	786	1133	0.79%	0.099%
76	12.567	1746	1749	1751	rBV2	197	183	0.13%	0.016%
77	12.615	1752	1757	1763	rVB2	5152	8510	5.94%	0.746%
78	12.701	1764	1771	1778	rVB	31349	52730	36.79%	4.624%
79	12.756	1778	1780	1781	rBV	393	317	0.22%	0.028%
80	12.865	1796	1798	1803	rBV2	596	769	0.54%	0.067%
81	12.945	1808	1811	1817	rVB2	1547	2397	1.67%	0.210%
82	13.109	1836	1838	1842	rVB2	276	289	0.20%	0.025%
83	13.158	1844	1846	1847	rBV	245	221	0.15%	0.019%
84	13.262	1860	1863	1867	rVV2	929	1033	0.72%	0.091%
85	13.310	1867	1871	1875	rVV3	861	1243	0.87%	0.109%
86	13.566	1907	1913	1919	rBV	46778	75988	53.01%	6.663%
87	13.859	1955	1961	1968	rVV	42860	68729	47.95%	6.027%
88	14.079	1989	1997	2002	rBV5	1351	2746	1.92%	0.241%
89	14.432	2053	2055	2058	rVB3	351	230	0.16%	0.020%
90	14.822	2116	2119	2120	rBV2	322	330	0.23%	0.029%
91	14.853	2122	2124	2125	rBV2	311	223	0.16%	0.020%
92	14.956	2139	2141	2144	rBV2	359	454	0.32%	0.040%
93	15.048	2155	2156	2158	rBV2	272	186	0.13%	0.016%
94	15.121	2166	2168	2169	rBV	428	267	0.19%	0.023%
95	15.328	2200	2202	2203	rBV2	269	184	0.13%	0.016%
96	15.444	2219	2221	2222	rBV2	537	435	0.30%	0.038%
97	15.743	2268	2270	2272	rBV	491	583	0.41%	0.051%
98	16.164	2337	2339	2341	rBV2	411	315	0.22%	0.028%
99	16.273	2355	2357	2358	rBV	613	316	0.22%	0.028%
100	16.389	2373	2376	2377	rBV2	534	548	0.38%	0.048%

Sum of corrected areas: 1140387

LSC Report - Integrated Chromatogram

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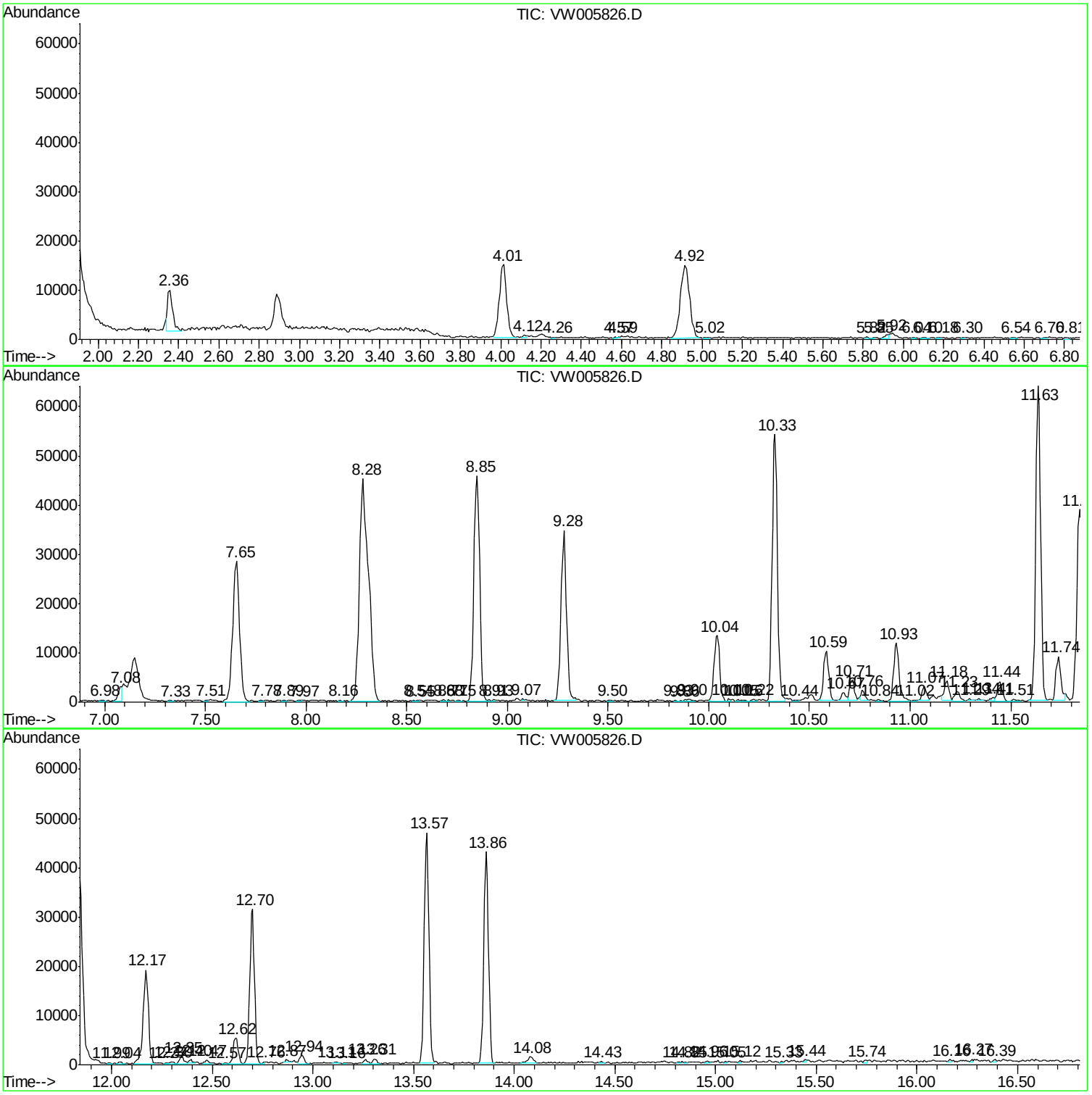
ClientSampleId : JLC59RE

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



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Quant Title : VOC Analysis

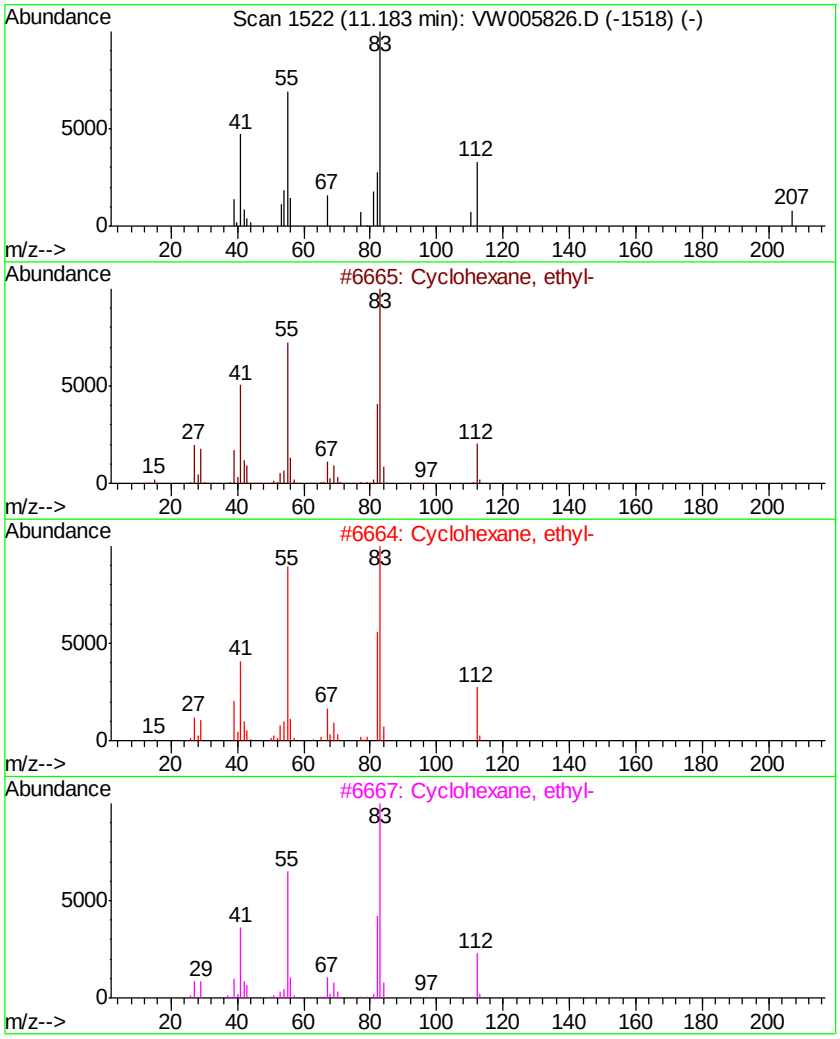
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

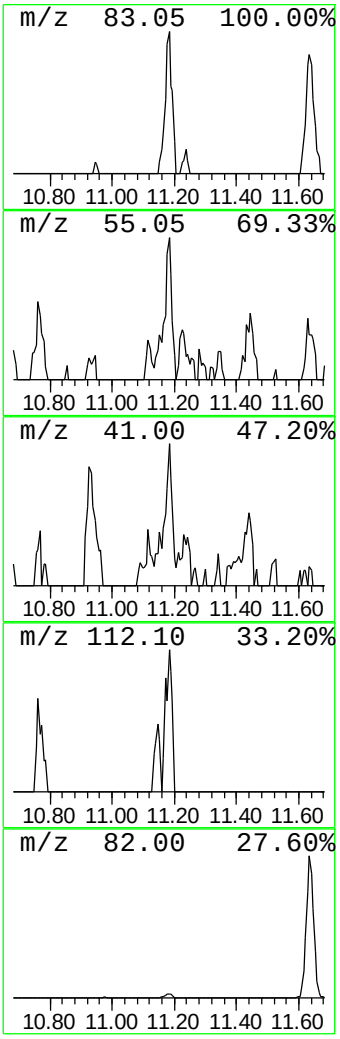
****

Peak Number 3 (DEL) Alkane: Cyclic11.18 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	1.43 ug/L	6102	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	59
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	59
4	2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	58
5	2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	58





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: Cyc...	11.18	1.4	ug/L	6102	2	11.63	106966	25.0