LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
Data File : VW009507.D
Acq On : 27 Mar 2019 17:07
Operator : SY/VA
Sample : K2065-13RE
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5L6RE

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	2.148	37	40	47	rBV4	9204	19646	1.91%	0.245%
2	2.215	47	51	52	rBV4	2885	3857	0.38%	0.048%
3	2.355	68	74	83	rVB	55035	122103	11.90%	1.523%
4	2.495	94	97	99	rBV3	7634	10598	1.03%	0.132%
5	2.885	155	161	176	rVB2	58226	162870	15.87%	2.032%
6	3.836	316	317	321	rBV2	2581	3589	0.35%	0.045%
7	3.867	321	322	326	rVV3	1899	2427	0.24%	0.030%
8	4.007	334	345	356	rBV2	97064	327788	31.93%	4.089%
9	4.117	357	363	373	rVB2	61012	161846	15.77%	2.019%
10	4.477	419	422	423	rBV	2271	1819	0.18%	0.023%
11	4.513	426	428	431	rBV	1477	1854	0.18%	0.023%
12	4.659	450	452	456	rVB3	2581	3433	0.33%	0.043%
13	4.696	456	458	460	rVB	2553	1882	0.18%	0.023%
14	4.733	462	464	468	rBV2	2230	3104	0.30%	0.039%
15	4.775	468	471	475	rBV2	2195	3931	0.38%	0.049%
16	4.909	479	493	502	rBV3	35487	141896	13.82%	1.770%
17	5.172	533	536	537	rVV2	1923	1981	0.19%	0.025%
18	5.312	557	559	561	rVB	2507	2004	0.20%	0.025%
19	5.482	584	587	590	rVB	2080	3613	0.35%	0.045%
20	5.519	590	593	598	rBV2	2434	5129	0.50%	0.064%
21	5.708	620	624	625	rBV	1607	1772	0.17%	0.022%
22	5.781	634	636	638	rVV	3439	2781	0.27%	0.035%
23	5.799	638	639	642	rVB	3198	2070	0.20%	0.026%
24	5.928	650	660	672	rVB6	13415	41738	4.07%	0.521%
25	6.013	672	674	676	rVB	2216	2108	0.21%	0.026%
26	6.068	678	683	684	rBV	1993	2256	0.22%	0.028%
27	6.086	684	686	688	rBV2	1590	1714	0.17%	0.021%
28	6.281	717	718	722	rVB	2613	1771	0.17%	0.022%
29	6.354	727	730	731	rBV	1657	1704	0.17%	0.021%
30	6.555	762	763	766	rVB	2595	2512	0.24%	0.031%
31	6.580	766	767	770	rBV	2278	2147	0.21%	0.027%
32	6.683	781	784	786	rBV	2089	2013	0.20%	0.025%
33	6.830	805	808	809	rBV	2207	1727	0.17%	0.022%
34	6.885	816	817	821	rVV	1993	2600	0.25%	0.032%

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Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Peak separation: 5

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

35	6.970	829	831	832	rBV	1930	1710	0.17%	0.021%
36	7.080	841	849	858	rBV	45597	134973	13.15%	1.684%
37	7.165	858	863	873	rVB3	19161	49728	4.84%	0.620%
38	7.281	879	882	883	rBV	1829	2083	0.20%	0.026%
39	7.641	931	941	953	rVV	206307	498350	48.55%	6.217%
40	7.891	980	982	984	rVB	2159	1916	0.19%	0.024%
41	7.921	984	987	989	rBV	2456	2010	0.20%	0.025%
42	8.019	1000	1003	1006	rVB	1726	2307	0.22%	0.029%
43	8.092	1013	1015	1018	rVB3	2235	2637	0.26%	0.033%
44	8.122	1018	1020	1022	rBV	2220	2431	0.24%	0.030%
45	8.153	1024	1025	1029	rVB2	1656	1773	0.17%	0.022%
46	8.275	1036	1045	1060	rBV2	327170	1026426	100.00%	12.806%
47	8.616	1097	1101	1102	rBV2	1835	2409	0.23%	0.030%
48	8.689	1109	1113	1114	rBV3	2898	3343	0.33%	0.042%
49	8.842	1128	1138	1148	rVV	373127	740926	72.19%	9.244%
50	8.915	1148	1150	1155	rVB	2993	3297	0.32%	0.041%
51	9.012	1164	1166	1167	rBV	4011	2879	0.28%	0.036%
52	9.037	1167	1170	1173	rBV2	2044	3287	0.32%	0.041%
53	9.189	1192	1195	1199	rVB	2200	2177	0.21%	0.027%
54	9.274	1199	1209	1219	rBV	254216	521760	50.83%	6.509%
55	9.402	1228	1230	1235	rVB4	1652	2418	0.24%	0.030%
56	9.451	1235	1238	1240	rVB	2151	3001	0.29%	0.037%
57	9.543	1249	1253	1254	rVB	1760	1768	0.17%	0.022%
58	9.793	1292	1294	1297	rVV2	1893	1847	0.18%	0.023%
59	9.835	1299	1301	1304	rVB2	3162	3086	0.30%	0.039%
60	9.878	1304	1308	1310	rBV2	2830	4272	0.42%	0.053%
61	9.951	1319	1320	1324	rVB	1789	1884	0.18%	0.024%
62	10.030	1324	1333	1341	rBV	117987	221759	21.60%	2.767%
63	10.195	1355	1360	1362	rBV	2685	4929	0.48%	0.061%
64	10.244	1366	1368	1370	rVB	1742	1871	0.18%	0.023%
65	10.323	1373	1381	1390	rBV	415231	715661	69.72%	8.929%
66	10.579	1416	1423	1431	rVB	81124	143785	14.01%	1.794%
67	10.707	1440	1444	1446	rBV3	2337	3363	0.33%	0.042%
68	10.799	1454	1459	1460	rBV4	3373	4877	0.48%	0.061%
69	10.841	1462	1466	1473	rVB7	8500	17480	1.70%	0.218%
70	10.927	1473	1480	1490	rBV2	166748	300458	29.27%	3.749%
71	11.067	1499	1503	1507	rBV7	2078	3111	0.30%	0.039%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5L6RE

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

72	11.244	1530	1532	1533	rBV	2354	1885	0.18%	0.024%
73	11.372	1551	1553	1554	rBV2	2057	1857	0.18%	0.023%
74	11.408	1555	1559	1565	rVB4	7985	12026	1.17%	0.150%
75	11.634	1589	1596	1602	rBV	497090	838466	81.69%	10.461%
76	11.841	1628	1630	1634	rBV2	2164	2342	0.23%	0.029%
77	12.237	1693	1695	1699	rVB2	1920	1696	0.17%	0.021%
78	12.432	1726	1727	1730	rBV3	2043	2013	0.20%	0.025%
79	12.463	1730	1732	1733	rBV2	2915	2050	0.20%	0.026%
80	12.609	1753	1756	1763	rVB5	8580	13816	1.35%	0.172%
81	12.695	1763	1770	1779	rBV	230212	382003	37.22%	4.766%
82	12.847	1793	1795	1799	rVB2	2337	3243	0.32%	0.040%
83	12.884	1799	1801	1802	rBV2	2204	2259	0.22%	0.028%
84	13.036	1824	1826	1829	rVB3	2744	3137	0.31%	0.039%
85	13.073	1829	1832	1834	rBV	3861	5498	0.54%	0.069%
86	13.097	1834	1836	1837	rBV2	2550	2561	0.25%	0.032%
87	13.164	1846	1847	1849	rVB	3497	2013	0.20%	0.025%
88	13.194	1849	1852	1854	rBV	3903	3974	0.39%	0.050%
89	13.371	1880	1881	1882	rBV	2493	1778	0.17%	0.022%
90	13.475	1893	1898	1901	rBV3	16894	29426	2.87%	0.367%
91	13.560	1905	1912	1918	rVB	401496	638312	62.19%	7.964%
92	13.652	1925	1927	1930	rBV4	2838	2533	0.25%	0.032%
93	13.853	1953	1960	1967	rBV	329068	543783	52.98%	6.784%
94	14.615	2084	2085	2089	rBV3	2402	3512	0.34%	0.044%
95	14.798	2113	2115	2122	rVB5	4065	5255	0.51%	0.066%
96	15.005	2148	2149	2151	rBV2	2349	1987	0.19%	0.025%
97	15.548	2236	2238	2241	rBV2	3163	4356	0.42%	0.054%
98	15.682	2257	2260	2263	rBV2	2409	2902	0.28%	0.036%
99	15.950	2302	2304	2306	rBV3	2304	2512	0.24%	0.031%
100	16.602	2408	2411	2412	rVB2	1833	1928	0.19%	0.024%

Sum of corrected areas: 8015398

LSC Report - Integrated Chromatogram

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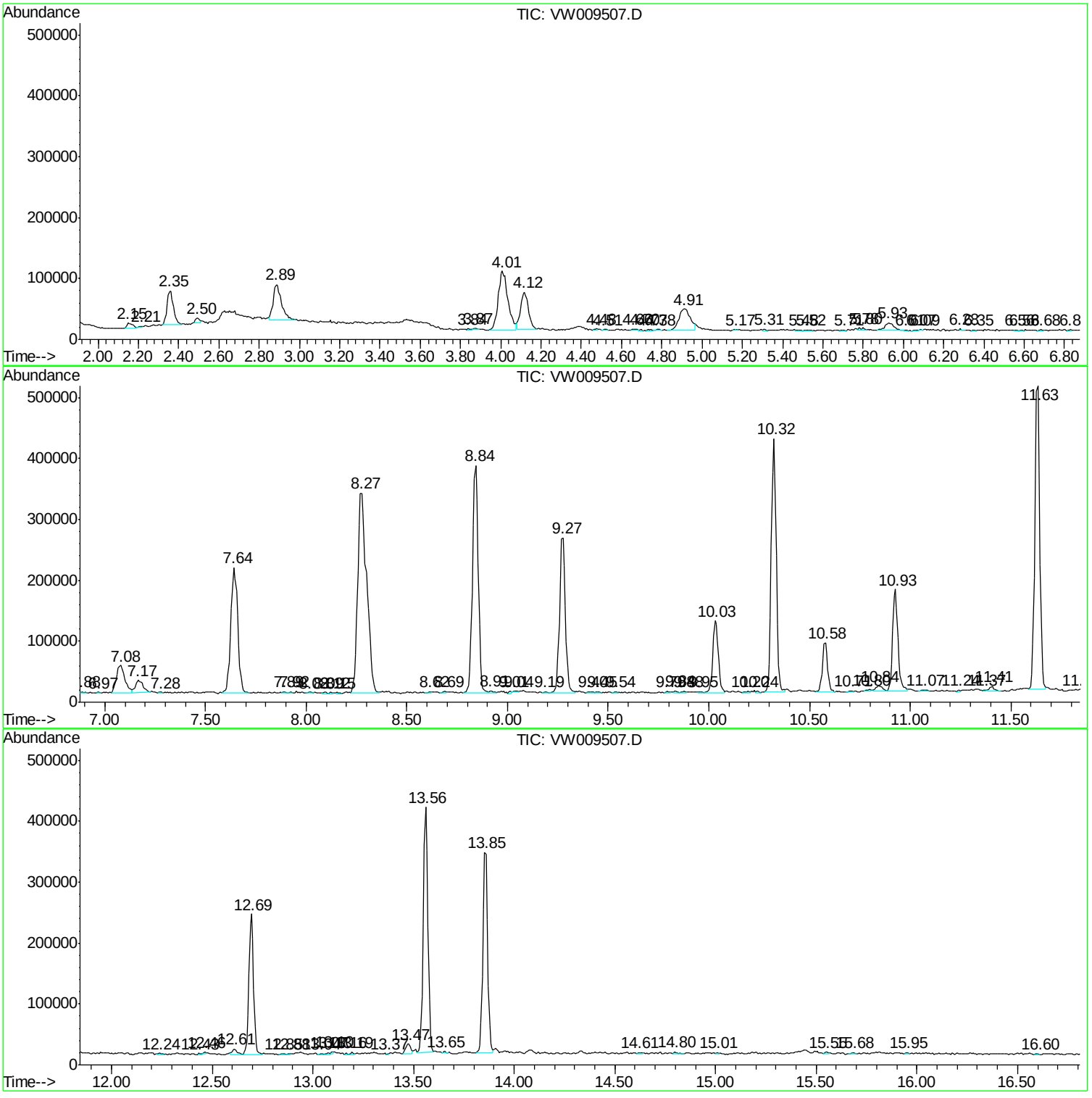
Instrument : MSVOA_W
ClientSampleId : BF5L6RE

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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Instrument : MSVOA_W
ClientSampleId : BF5L6RE

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

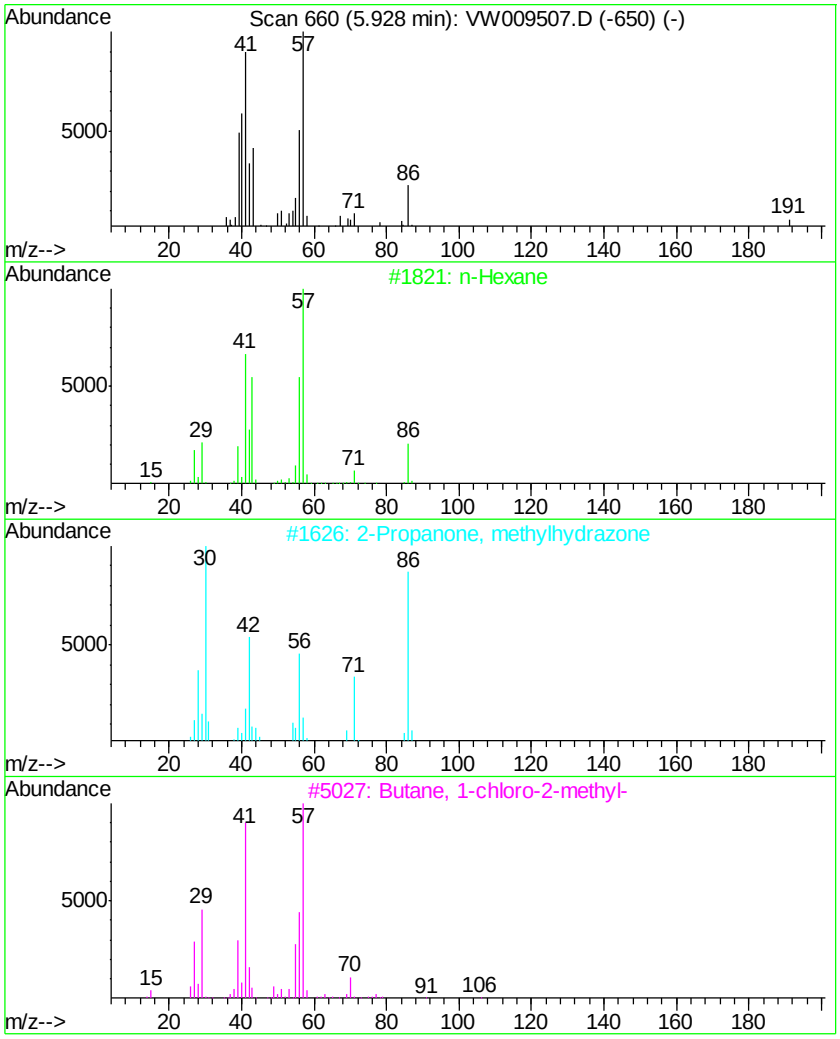
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

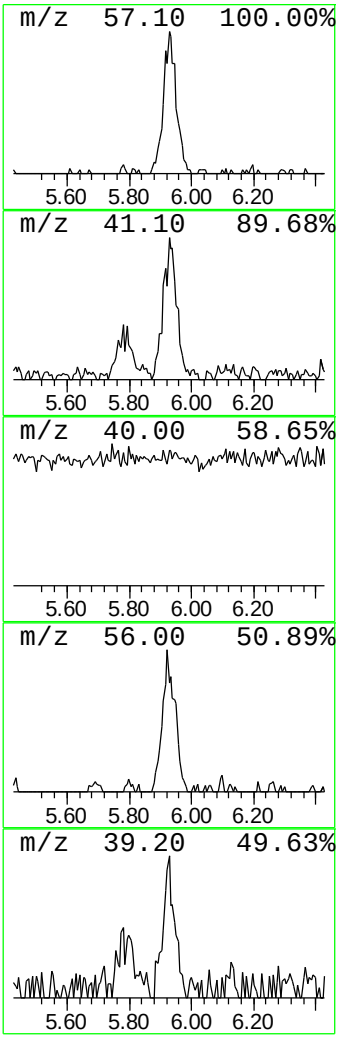
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	1.41 ug/L	41738	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	46
2	2-Propanone, methylhydrazone	86	C4H10N2	005771-02-8	43
3	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	35
4	n-Hexane	86	C6H14	000110-54-3	25
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032719\
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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...	5.93	1.4	ug/L	41738	1	8.84	740926	25.0