LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072018\
Data File : VW004104.D
Acq On : 21 Jul 2018 05:15
Operator : SY/AP
Sample : J4038-22
Misc : 5.45G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB1N9

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\SOM2WLM071818S.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	1.624	4	6	10	rVB2	266	272	0.00%	0.002%
2	1.813	28	37	75	rVB	5937964	13110438	100.00%	93.637%
3	2.355	122	126	134	rVB	11165	19164	0.15%	0.137%
4	2.886	209	213	219	rVB	8968	15953	0.12%	0.114%
5	3.806	362	364	366	rBV2	403	222	0.00%	0.002%
6	3.867	372	374	376	rBV2	363	386	0.00%	0.003%
7	4.020	390	399	410	rVB2	19564	51715	0.39%	0.369%
8	4.300	442	445	447	rBV2	314	330	0.00%	0.002%
9	4.355	452	454	457	rBV3	271	270	0.00%	0.002%
10	4.550	483	486	487	rVB2	197	205	0.00%	0.001%
11	4.581	489	491	494	rVB	391	327	0.00%	0.002%
12	4.605	494	495	497	rBV	508	286	0.00%	0.002%
13	4.776	521	523	525	rBV2	405	389	0.00%	0.003%
14	4.818	529	530	534	rBV2	254	326	0.00%	0.002%
15	4.916	537	546	548	rBV4	880	2451	0.02%	0.018%
16	5.099	574	576	579	rBV	188	214	0.00%	0.002%
17	5.404	622	626	627	rBV2	354	358	0.00%	0.003%
18	5.434	627	631	632	rBV	227	256	0.00%	0.002%
19	5.654	665	667	671	rBV3	227	237	0.00%	0.002%
20	5.696	671	674	677	rBV3	244	276	0.00%	0.002%
21	6.080	733	737	739	rBV2	200	273	0.00%	0.002%
22	6.141	745	747	748	rBV	297	193	0.00%	0.001%
23	6.214	757	759	761	rBV	309	294	0.00%	0.002%
24	6.361	780	783	785	rBV2	256	282	0.00%	0.002%
25	6.556	813	815	817	rVB2	255	207	0.00%	0.001%
26	6.830	858	860	862	rVB	271	237	0.00%	0.002%
27	6.976	881	884	887	rBV2	158	215	0.00%	0.002%
28	7.086	894	902	912	rBV5	3638	13928	0.11%	0.099%
29	7.330	940	942	944	rBV2	276	206	0.00%	0.001%
30	7.556	977	979	981	rBV2	264	216	0.00%	0.002%
31	7.653	985	995	1005	rBV	27678	63403	0.48%	0.453%
32	7.824	1020	1023	1025	rVB2	373	390	0.00%	0.003%
33	7.854	1025	1028	1031	rBV2	319	414	0.00%	0.003%
34	7.909	1034	1037	1038	rVB2	228	198	0.00%	0.001%

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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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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
Title : VOC Analysis

35	7.940	1038	1042	1043	rBV2	191	213	0.00%	0.002%
36	8.281	1090	1098	1111	rVB2	41039	130244	0.99%	0.930%
37	8.513	1133	1136	1139	rBV	304	405	0.00%	0.003%
38	8.568	1142	1145	1147	rVV3	272	300	0.00%	0.002%
39	8.635	1154	1156	1159	rVB3	163	193	0.00%	0.001%
40	8.683	1161	1164	1168	rBV2	338	375	0.00%	0.003%
41	8.848	1184	1191	1201	rVB	42841	86463	0.66%	0.618%
42	9.049	1220	1224	1227	rBV4	486	582	0.00%	0.004%
43	9.074	1227	1228	1231	rVB2	327	201	0.00%	0.001%
44	9.281	1254	1262	1271	rVB2	32842	67602	0.52%	0.483%
45	9.397	1278	1281	1282	rVV2	272	195	0.00%	0.001%
46	9.507	1295	1299	1300	rBV	286	271	0.00%	0.002%
47	9.574	1309	1310	1313	rBV	215	220	0.00%	0.002%
48	9.622	1316	1318	1324	rVB2	227	342	0.00%	0.002%
49	9.671	1324	1326	1329	rVB	302	327	0.00%	0.002%
50	9.708	1329	1332	1334	rBV2	242	348	0.00%	0.002%
51	9.872	1355	1359	1360	rBV	189	235	0.00%	0.002%
52	10.037	1380	1386	1394	rBV	11283	20091	0.15%	0.143%
53	10.141	1398	1403	1408	rVB4	1165	1944	0.01%	0.014%
54	10.330	1427	1434	1441	rBV	45105	76878	0.59%	0.549%
55	10.421	1448	1449	1452	rBV	208	249	0.00%	0.002%
56	10.506	1461	1463	1465	rVV2	272	201	0.00%	0.001%
57	10.579	1469	1475	1482	rBV3	6905	12598	0.10%	0.090%
58	10.628	1482	1483	1486	rVB2	289	230	0.00%	0.002%
59	10.720	1492	1498	1501	rBV3	741	1371	0.01%	0.010%
60	10.775	1505	1507	1510	rVB2	302	353	0.00%	0.003%
61	10.933	1526	1533	1546	rBV4	12882	27752	0.21%	0.198%
62	11.281	1587	1590	1596	rVB	270	375	0.00%	0.003%
63	11.476	1620	1622	1624	rVB2	229	243	0.00%	0.002%
64	11.500	1624	1626	1627	rBV	287	206	0.00%	0.001%
65	11.634	1641	1648	1659	rVV	57745	96354	0.73%	0.688%
66	11.762	1666	1669	1670	rBV	188	230	0.00%	0.002%
67	11.915	1691	1694	1697	rBV2	211	329	0.00%	0.002%
68	12.000	1705	1708	1711	rBV3	289	352	0.00%	0.003%
69	12.091	1721	1723	1726	rVB2	247	218	0.00%	0.002%
70	12.128	1726	1729	1731	rBV	301	292	0.00%	0.002%
71	12.152	1731	1733	1735	rBV3	483	562	0.00%	0.004%

LSC Area Percent Report

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Instrument : MSVOA_W
ClientSampleId : DB1N9

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\SOM2WLM071818S.M
Title : VOC Analysis

72	12.189	1738	1739	1740	rBV	408	255	0.00%	0.002%
73	12.561	1797	1800	1803	rVB2	310	424	0.00%	0.003%
74	12.622	1806	1810	1812	rVV3	587	587	0.00%	0.004%
75	12.701	1816	1823	1831	rVB2	34208	56701	0.43%	0.405%
76	12.939	1859	1862	1863	rVV2	244	210	0.00%	0.001%
77	12.982	1863	1869	1874	rVV2	2875	4642	0.04%	0.033%
78	13.024	1874	1876	1878	rVB	370	318	0.00%	0.002%
79	13.110	1887	1890	1893	rBV2	258	341	0.00%	0.002%
80	13.219	1901	1908	1911	rBV3	573	930	0.01%	0.007%
81	13.311	1921	1923	1925	rBV2	346	236	0.00%	0.002%
82	13.347	1925	1929	1932	rBV2	210	262	0.00%	0.002%
83	13.384	1932	1935	1938	rBV4	398	475	0.00%	0.003%
84	13.567	1958	1965	1975	rVB	38153	60257	0.46%	0.430%
85	13.658	1975	1980	1985	rVB4	863	1392	0.01%	0.010%
86	13.859	2007	2013	2022	rBV	31236	53538	0.41%	0.382%
87	14.079	2047	2049	2058	rVB4	385	677	0.01%	0.005%
88	14.262	2078	2079	2084	rVB2	321	417	0.00%	0.003%
89	14.304	2084	2086	2087	rBV	236	203	0.00%	0.001%
90	14.432	2105	2107	2108	rBV	338	278	0.00%	0.002%
91	14.530	2119	2123	2129	rBV4	692	1149	0.01%	0.008%
92	14.664	2141	2145	2148	rVB5	610	791	0.01%	0.006%
93	14.743	2157	2158	2161	rVB2	349	251	0.00%	0.002%
94	14.804	2167	2168	2172	rVB3	704	594	0.00%	0.004%
95	14.951	2190	2192	2194	rBV	375	327	0.00%	0.002%
96	15.054	2207	2209	2212	rBV2	389	308	0.00%	0.002%
97	15.457	2273	2275	2276	rBV	322	231	0.00%	0.002%
98	15.737	2319	2321	2325	rBV3	607	842	0.01%	0.006%
99	16.231	2400	2402	2407	rVB2	381	402	0.00%	0.003%
100	16.694	2477	2478	2482	rBV3	578	482	0.00%	0.003%

Sum of corrected areas: 14001395

LSC Report - Integrated Chromatogram

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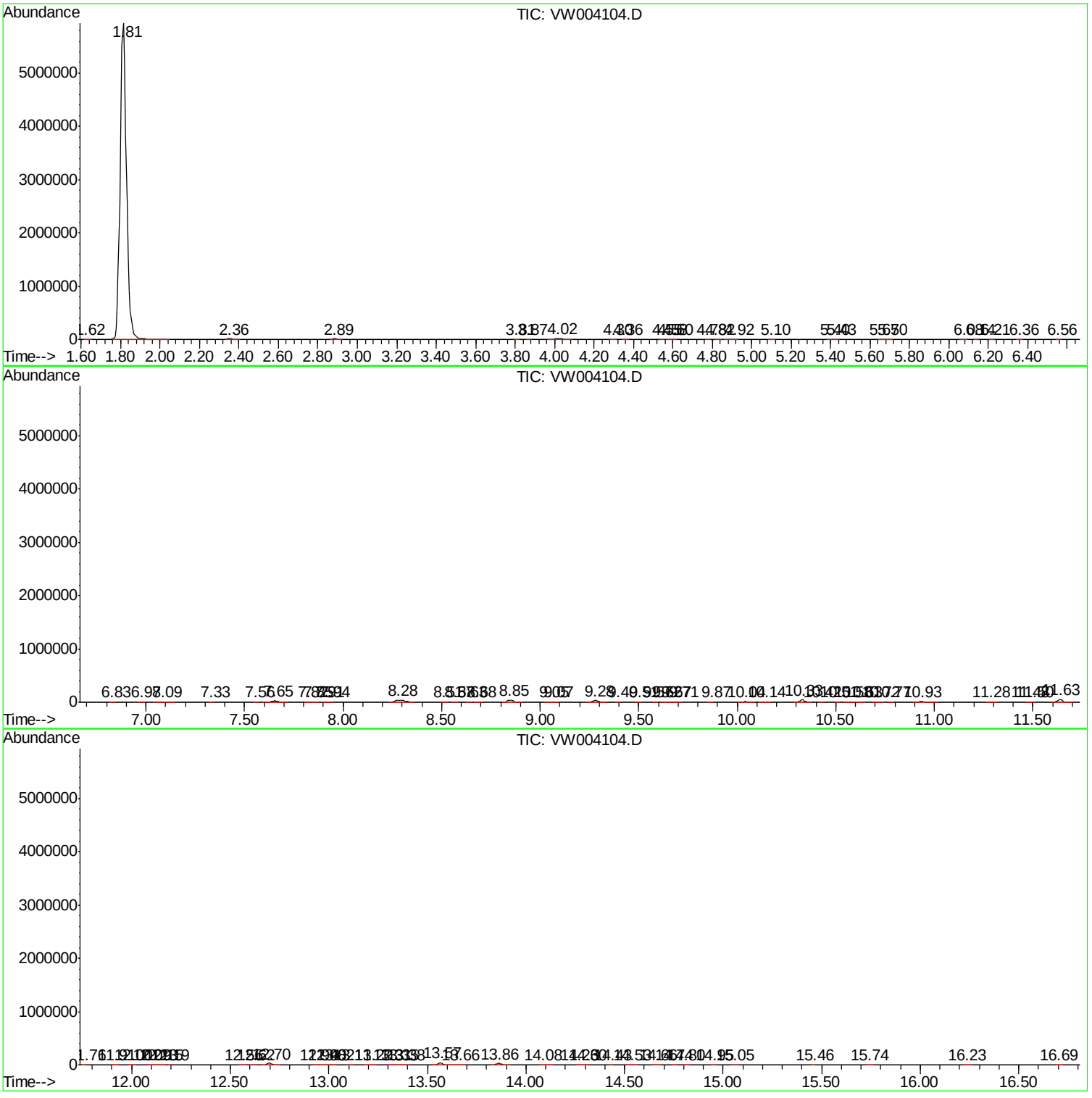
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB1N9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.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\VW072018\
Data File : VW004104.D
Acq On : 21 Jul 2018 05:15
Operator : SY/AP
Sample : J4038-22
Misc : 5.45G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB1N9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
Quant Title : VOC Analysis

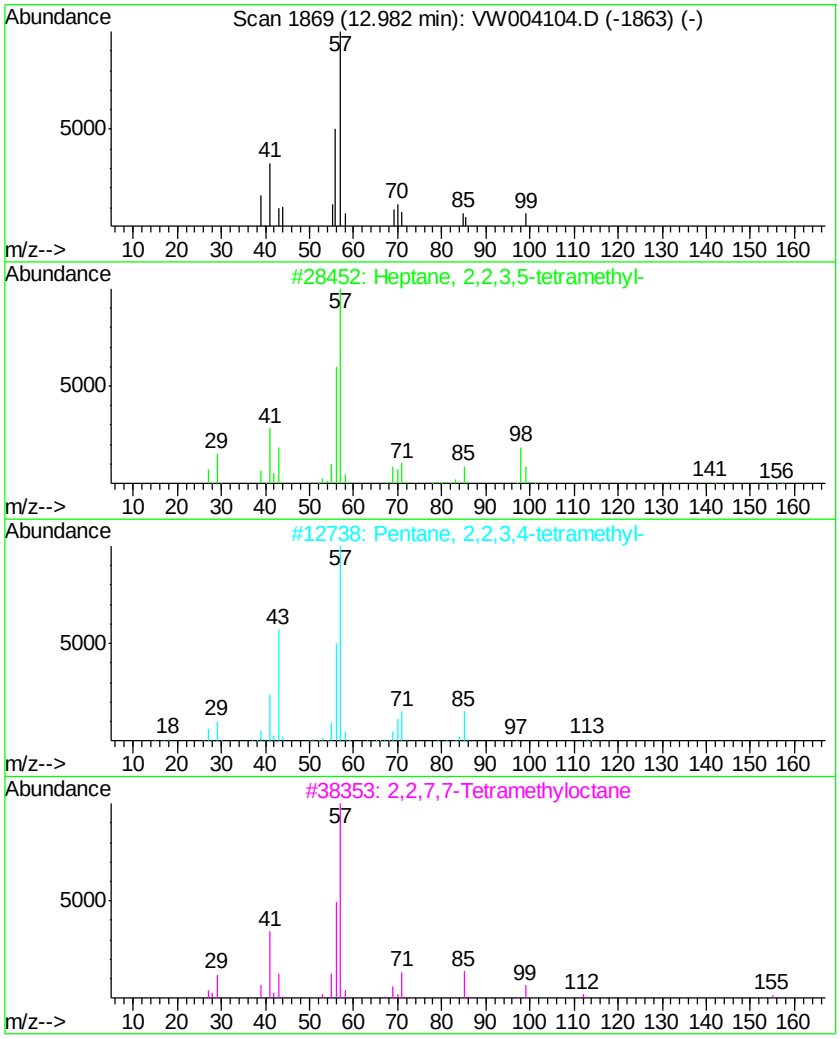
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

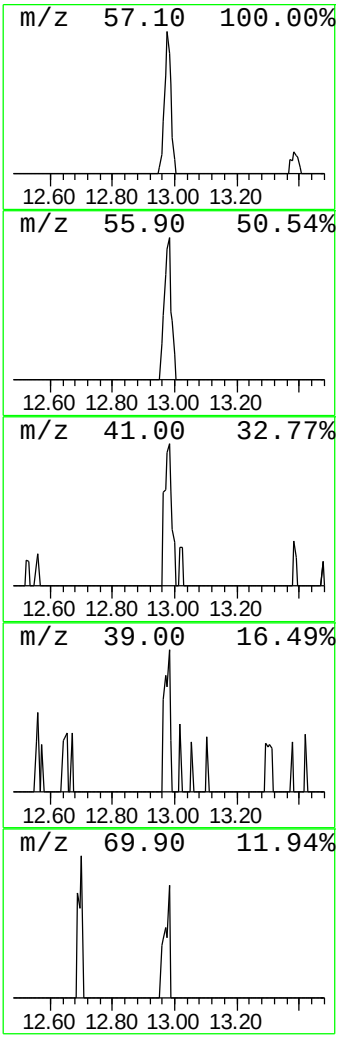
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	1.93 ug/L	4642	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	72
2	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	64
3	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	64
4	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	45
5	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	45





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...	12.98	1.9	ug/L	4642	3	13.57	60257	25.0