LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072118\
Data File : VW004113.D
Acq On : 21 Jul 2018 14:32
Operator : SY/AP
Sample : J4038-08
Misc : 6.99G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB1M3

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	1.746	17	26	27	rBV	12131	18199	0.27%	0.133%
2	1.807	27	36	56	rVB	3189525	6742301	100.00%	49.344%
3	2.154	88	93	99	rBV3	3571	8284	0.12%	0.061%
4	2.349	118	125	132	rBV	48500	83907	1.24%	0.614%
5	2.630	165	171	174	rBV5	5119	9916	0.15%	0.073%
6	2.886	206	213	226	rBV	32008	76932	1.14%	0.563%
7	3.715	343	349	359	rVB2	4106	11182	0.17%	0.082%
8	3.843	368	370	374	rBV4	757	845	0.01%	0.006%
9	3.922	382	383	386	rVB2	535	445	0.01%	0.003%
10	4.008	386	397	409	rBV	83054	247333	3.67%	1.810%
11	4.117	411	415	427	rVB2	6185	17601	0.26%	0.129%
12	4.258	436	438	441	rBV3	428	457	0.01%	0.003%
13	4.373	452	457	459	rVV3	580	939	0.01%	0.007%
14	4.422	463	465	468	rVB3	400	442	0.01%	0.003%
15	4.690	507	509	511	rVB2	394	395	0.01%	0.003%
16	4.904	533	544	556	rBV3	4752	15018	0.22%	0.110%
17	5.337	610	615	616	rBV2	325	442	0.01%	0.003%
18	5.428	629	630	634	rVB	700	608	0.01%	0.004%
19	5.568	650	653	660	rBV3	271	651	0.01%	0.005%
20	5.641	663	665	670	rVV3	265	476	0.01%	0.003%
21	5.855	695	700	701	rVB2	313	386	0.01%	0.003%
22	5.928	704	712	721	rBV6	2528	8031	0.12%	0.059%
23	6.080	735	737	742	rVB3	467	695	0.01%	0.005%
24	6.135	742	746	751	rBV3	388	739	0.01%	0.005%
25	6.318	771	776	777	rBV2	320	392	0.01%	0.003%
26	6.830	856	860	861	rBV2	318	425	0.01%	0.003%
27	6.928	873	876	878	rBV	439	480	0.01%	0.004%
28	6.989	882	886	888	rBV3	356	423	0.01%	0.003%
29	7.086	890	902	911	rBV	51624	151954	2.25%	1.112%
30	7.233	925	926	930	rVB2	557	382	0.01%	0.003%
31	7.263	930	931	937	rVB4	350	580	0.01%	0.004%
32	7.525	971	974	976	rBV3	847	1078	0.02%	0.008%
33	7.647	983	994	1008	rBV	146399	365934	5.43%	2.678%
34	7.769	1010	1014	1016	rBV4	455	587	0.01%	0.004%

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ALS Vial : 7 Sample Multiplier: 1

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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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	8.153	1071	1077	1082	rVV4	803	1344	0.02%	0.010%
36	8.281	1084	1098	1115	rBV2	262077	823481	12.21%	6.027%
37	8.403	1115	1118	1121	rVB3	646	681	0.01%	0.005%
38	8.482	1128	1131	1134	rVB4	538	744	0.01%	0.005%
39	8.519	1134	1137	1140	rBV2	559	663	0.01%	0.005%
40	8.690	1162	1165	1166	rBV2	605	620	0.01%	0.005%
41	8.702	1166	1167	1171	rVB3	938	721	0.01%	0.005%
42	8.848	1180	1191	1200	rBV	366784	733196	10.87%	5.366%
43	9.043	1219	1223	1225	rBV4	1151	1936	0.03%	0.014%
44	9.281	1253	1262	1276	rVV	204038	421197	6.25%	3.083%
45	9.379	1276	1278	1286	rVV5	1433	3030	0.04%	0.022%
46	9.470	1287	1293	1298	rVV4	1153	2367	0.04%	0.017%
47	9.659	1320	1324	1327	rBV4	885	1333	0.02%	0.010%
48	9.763	1334	1341	1348	rBV3	11683	23741	0.35%	0.174%
49	9.897	1353	1363	1371	rBV2	24936	51846	0.77%	0.379%
50	10.037	1378	1386	1394	rBV	102394	184947	2.74%	1.354%
51	10.250	1412	1421	1426	rBV	6779	13503	0.20%	0.099%
52	10.330	1426	1434	1441	rBV	332472	586421	8.70%	4.292%
53	10.391	1441	1444	1447	rVV2	2703	3853	0.06%	0.028%
54	10.512	1458	1464	1468	rBV4	3871	7099	0.11%	0.052%
55	10.580	1468	1475	1488	rVB	74336	128776	1.91%	0.942%
56	10.701	1490	1495	1502	rBV4	2389	5749	0.09%	0.042%
57	10.775	1504	1507	1516	rVB5	2361	3944	0.06%	0.029%
58	10.927	1525	1532	1545	rBV	184926	317678	4.71%	2.325%
59	11.293	1590	1592	1597	rVB2	318	444	0.01%	0.003%
60	11.409	1608	1611	1614	rBV3	417	622	0.01%	0.005%
61	11.634	1640	1648	1657	rBV	530022	884096	13.11%	6.470%
62	11.848	1677	1683	1686	rBV5	1369	2106	0.03%	0.015%
63	11.878	1686	1688	1695	rVB4	1475	1741	0.03%	0.013%
64	11.945	1695	1699	1701	rBV3	897	1438	0.02%	0.011%
65	12.073	1719	1720	1725	rVB3	600	489	0.01%	0.004%
66	12.183	1735	1738	1744	rVB6	1584	2342	0.03%	0.017%
67	12.262	1750	1751	1753	rBV2	436	382	0.01%	0.003%
68	12.372	1765	1769	1772	rVB2	428	528	0.01%	0.004%
69	12.415	1772	1776	1777	rBV	415	423	0.01%	0.003%
70	12.439	1777	1780	1782	rBV3	384	441	0.01%	0.003%
71	12.463	1782	1784	1789	rVV2	416	610	0.01%	0.004%

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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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Stop Thrs : 0 Peak Location: TOP

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

72	12.567	1795	1801	1805	rBV6	1363	2899	0.04%	0.021%
73	12.616	1805	1809	1814	rVV	11020	16612	0.25%	0.122%
74	12.701	1814	1823	1832	rVB	227261	379979	5.64%	2.781%
75	12.774	1832	1835	1840	rBV3	386	517	0.01%	0.004%
76	12.939	1859	1862	1869	rVB4	1724	2511	0.04%	0.018%
77	13.164	1896	1899	1902	rVB3	404	451	0.01%	0.003%
78	13.274	1915	1917	1921	rVB3	682	809	0.01%	0.006%
79	13.421	1936	1941	1944	rBV4	787	1383	0.02%	0.010%
80	13.567	1958	1965	1972	rVV	455016	721054	10.69%	5.277%
81	13.658	1975	1980	1985	rVB2	6493	9822	0.15%	0.072%
82	13.756	1993	1996	1997	rBV2	360	397	0.01%	0.003%
83	13.811	2002	2005	2006	rBV	475	450	0.01%	0.003%
84	13.859	2006	2013	2023	rVV	308119	506761	7.52%	3.709%
85	14.024	2038	2040	2043	rVB3	490	390	0.01%	0.003%
86	14.079	2045	2049	2055	rVB2	4818	8085	0.12%	0.059%
87	14.244	2074	2076	2080	rBV3	475	567	0.01%	0.004%
88	14.335	2086	2091	2095	rVV5	1671	2528	0.04%	0.019%
89	14.530	2116	2123	2130	rVB3	5043	8222	0.12%	0.060%
90	14.731	2150	2156	2162	rVV5	3384	5995	0.09%	0.044%
91	15.036	2204	2206	2208	rVV2	430	389	0.01%	0.003%
92	15.268	2240	2244	2251	rVB5	978	1767	0.03%	0.013%
93	15.384	2261	2263	2266	rVB3	561	534	0.01%	0.004%
94	15.512	2278	2284	2289	rBV2	2616	3923	0.06%	0.029%
95	15.573	2289	2294	2297	rVB6	1326	2134	0.03%	0.016%
96	15.597	2297	2298	2302	rBV4	620	648	0.01%	0.005%
97	16.219	2396	2400	2402	rBV2	402	571	0.01%	0.004%
98	16.243	2402	2404	2407	rVV4	566	477	0.01%	0.003%
99	16.639	2468	2469	2474	rVV4	706	572	0.01%	0.004%
100	16.700	2478	2479	2484	rVB3	546	548	0.01%	0.004%

Sum of corrected areas: 13663986

LSC Report - Integrated Chromatogram

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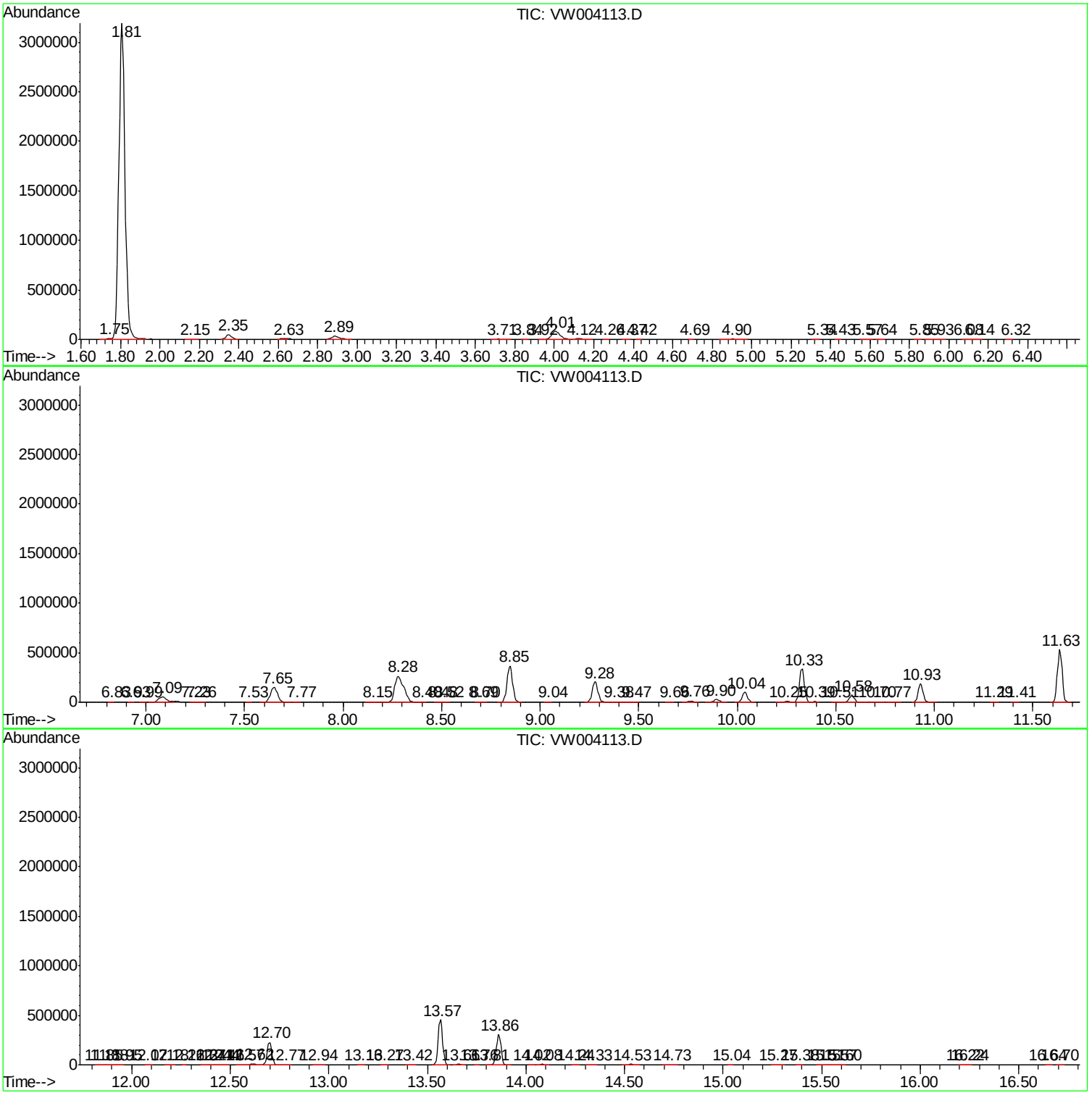
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB1M3

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\VW072118\
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Operator : SY/AP
Sample : J4038-08
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ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB1M3

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

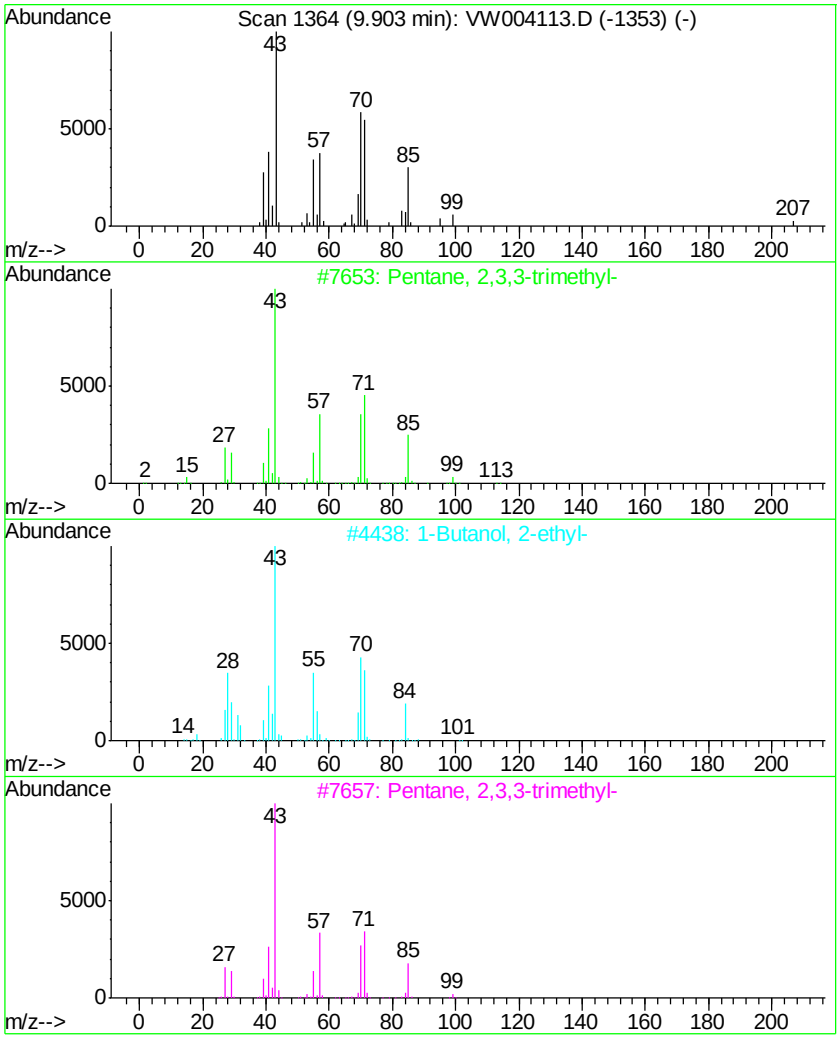
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

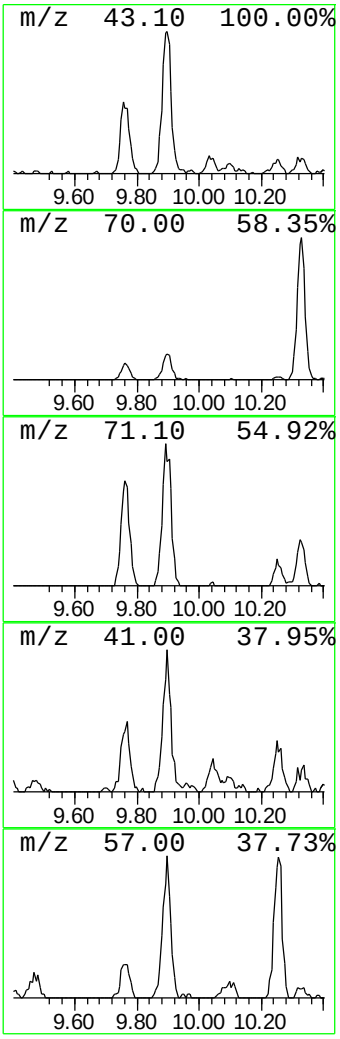
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	1.77 ug/L	51846	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
2	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	64
3	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	59
5	Butane, 1-bromo-3-methyl-	150	C5H11Br	000107-82-4	59





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...	9.90	1.8	ug/L	51846	1	8.85	733196	25.0