LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015933.D
Acq On : 23 Jul 2020 19:48
Operator : SY/VA
Sample : VIBLK21
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK21

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\SOM2WLM072020S.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	2.154	39	41	43	rBV2	880	919	0.06%	0.007%
2	2.209	48	50	51	rBV2	807	580	0.04%	0.005%
3	2.355	67	74	84	rBV	88059	170426	10.84%	1.351%
4	2.635	115	120	121	rBV4	1390	2316	0.15%	0.018%
5	2.898	154	163	181	rBV	67431	172399	10.96%	1.366%
6	3.263	221	223	227	rVB3	1047	973	0.06%	0.008%
7	3.391	239	244	250	rVB3	3942	7303	0.46%	0.058%
8	3.477	256	258	261	rVB4	737	451	0.03%	0.004%
9	3.593	275	277	278	rBV2	887	573	0.04%	0.005%
10	3.849	316	319	321	rVB3	425	422	0.03%	0.003%
11	3.904	326	328	331	rVB2	431	337	0.02%	0.003%
12	3.928	331	332	334	rBV2	223	206	0.01%	0.002%
13	4.013	336	346	360	rBV	172580	496404	31.57%	3.934%
14	4.275	386	389	392	rBV3	406	468	0.03%	0.004%
15	4.318	394	396	400	rVB	297	312	0.02%	0.002%
16	4.397	400	409	417	rBV2	2343	7670	0.49%	0.061%
17	4.562	431	436	440	rVB2	223	345	0.02%	0.003%
18	4.666	452	453	455	rVB2	328	216	0.01%	0.002%
19	4.690	455	457	460	rBV2	368	474	0.03%	0.004%
20	4.727	460	463	464	rBV3	277	256	0.02%	0.002%
21	4.769	467	470	474	rVB3	330	444	0.03%	0.004%
22	4.916	482	494	513	rBV	31387	109017	6.93%	0.864%
23	5.098	521	524	527	rBV2	387	596	0.04%	0.005%
24	5.123	527	528	531	rBV3	207	247	0.02%	0.002%
25	5.440	576	580	584	rVB4	433	642	0.04%	0.005%
26	5.489	584	588	590	rVB2	201	299	0.02%	0.002%
27	5.543	594	597	599	rBV2	164	202	0.01%	0.002%
28	5.592	602	605	608	rBV3	233	365	0.02%	0.003%
29	5.751	620	631	632	rBV4	2194	4574	0.29%	0.036%
30	5.940	653	662	673	rVB3	8493	25110	1.60%	0.199%
31	6.056	678	681	682	rVB2	280	263	0.02%	0.002%
32	6.117	688	691	693	rBV3	218	326	0.02%	0.003%
33	6.385	732	735	737	rBV	364	231	0.01%	0.002%
34	6.440	743	744	748	rVB2	251	313	0.02%	0.002%

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Misc : 5.00G/10ML/MSVOA_W/SOIL
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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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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Title : VOC Analysis

35	6.476	748	750	752	rBV2	263	320	0.02%	0.003%
36	6.879	804	816	821	rBV7	1427	5207	0.33%	0.041%
37	7.000	834	836	838	rVB2	258	243	0.02%	0.002%
38	7.086	840	850	855	rBV	45065	124224	7.90%	0.985%
39	7.147	855	860	875	rVB2	41161	118548	7.54%	0.940%
40	7.342	890	892	895	rVB3	405	456	0.03%	0.004%
41	7.372	895	897	898	rBV2	347	277	0.02%	0.002%
42	7.439	906	908	909	rVB	307	200	0.01%	0.002%
43	7.519	916	921	922	rBV3	457	423	0.03%	0.003%
44	7.653	931	943	954	rBV	251635	605389	38.50%	4.798%
45	7.842	970	974	975	rBV4	295	326	0.02%	0.003%
46	7.866	975	978	980	rVB3	337	356	0.02%	0.003%
47	7.909	983	985	987	rBV2	325	329	0.02%	0.003%
48	7.952	987	992	997	rBV6	1270	2579	0.16%	0.020%
49	8.043	999	1007	1016	rBV6	3225	8761	0.56%	0.069%
50	8.110	1016	1018	1021	rVB4	356	317	0.02%	0.003%
51	8.159	1024	1026	1031	rVB2	331	363	0.02%	0.003%
52	8.281	1034	1046	1061	rBV2	521035	1572336	100.00%	12.462%
53	8.482	1070	1079	1092	rVB	23551	62068	3.95%	0.492%
54	8.598	1096	1098	1099	rVB2	578	385	0.02%	0.003%
55	8.640	1099	1105	1107	rBV5	742	1555	0.10%	0.012%
56	8.695	1112	1114	1119	rVB4	831	1031	0.07%	0.008%
57	8.756	1122	1124	1126	rVB3	534	329	0.02%	0.003%
58	8.848	1129	1139	1150	rBV	490118	984788	62.63%	7.805%
59	8.951	1154	1156	1161	rVB6	633	980	0.06%	0.008%
60	9.031	1167	1169	1171	rBV2	831	831	0.05%	0.007%
61	9.085	1172	1178	1184	rVB2	1608	4658	0.30%	0.037%
62	9.177	1191	1193	1195	rBV2	660	650	0.04%	0.005%
63	9.274	1198	1209	1222	rBV	336553	703332	44.73%	5.574%
64	9.384	1224	1227	1234	rVV3	5955	11812	0.75%	0.094%
65	9.470	1236	1241	1244	rBV7	1438	2728	0.17%	0.022%
66	9.665	1269	1273	1280	rBV6	2703	5067	0.32%	0.040%
67	9.762	1283	1289	1296	rBV	22375	45254	2.88%	0.359%
68	9.896	1304	1311	1319	rBV	13790	30627	1.95%	0.243%
69	10.037	1327	1334	1343	rBV	173293	309882	19.71%	2.456%
70	10.250	1364	1369	1374	rBV	15285	25784	1.64%	0.204%
71	10.323	1374	1381	1390	rBV	720869	1286861	81.84%	10.199%

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Instrument : MSVOA_W
ClientSampleId : VIBLK21

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 >
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Title : VOC Analysis

72	10.579	1417	1423	1430	rBV	109026	186905	11.89%	1.481%
73	10.707	1437	1444	1453	rBV	253540	452737	28.79%	3.588%
74	10.774	1453	1455	1461	rVB3	5598	7420	0.47%	0.059%
75	10.927	1474	1480	1488	rBV	181698	310627	19.76%	2.462%
76	11.067	1496	1503	1509	rBV	38055	74111	4.71%	0.587%
77	11.439	1559	1564	1573	rVB	101336	175171	11.14%	1.388%
78	11.634	1588	1596	1603	rBV	713154	1194585	75.98%	9.468%
79	11.695	1603	1606	1611	rVB	18091	28899	1.84%	0.229%
80	11.878	1632	1636	1641	rBV2	14814	24743	1.57%	0.196%
81	12.073	1664	1668	1678	rVB2	8913	23038	1.47%	0.183%
82	12.609	1748	1756	1763	rBV2	162188	320663	20.39%	2.542%
83	12.695	1764	1770	1776	rVV	271526	432902	27.53%	3.431%
84	12.756	1777	1780	1785	rVB	11553	17074	1.09%	0.135%
85	12.932	1806	1809	1812	rBV2	11122	17835	1.13%	0.141%
86	13.195	1848	1852	1860	rVB	16132	27674	1.76%	0.219%
87	13.298	1864	1869	1875	rVB	34181	52902	3.36%	0.419%
88	13.408	1884	1887	1892	rVB4	12901	21756	1.38%	0.172%
89	13.560	1906	1912	1918	rBV	696601	1108263	70.49%	8.784%
90	13.774	1942	1947	1950	rBV3	11119	21570	1.37%	0.171%
91	13.853	1954	1960	1967	rBV	633603	1043931	66.39%	8.274%
92	14.072	1992	1996	2000	rBV2	27632	44501	2.83%	0.353%
93	14.505	2062	2067	2078	rBV3	16968	43410	2.76%	0.344%
94	15.334	2200	2203	2213	rVB3	9082	23093	1.47%	0.183%
95	15.438	2216	2220	2225	rVV2	12009	19795	1.26%	0.157%
96	15.950	2302	2304	2308	rVB4	2712	2767	0.18%	0.022%
97	16.017	2310	2315	2323	rVB8	4886	10457	0.67%	0.083%
98	16.444	2380	2385	2388	rBV6	2006	3403	0.22%	0.027%
99	16.615	2410	2413	2414	rBV3	1008	1044	0.07%	0.008%
100	16.633	2414	2416	2417	rVV2	1120	735	0.05%	0.006%

Sum of corrected areas: 12616966

LSC Report - Integrated Chromatogram

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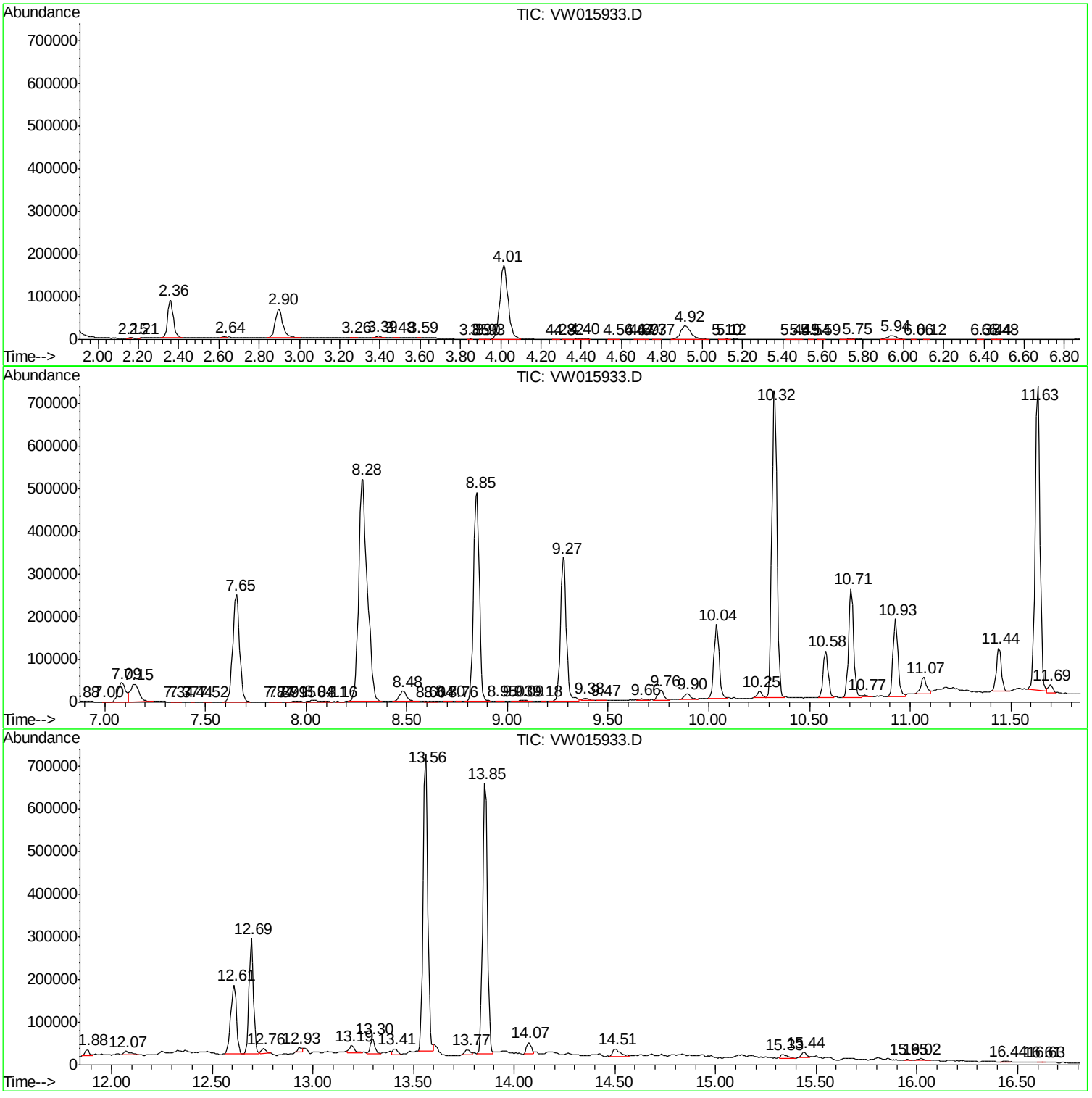
Instrument : MSVOA_W
ClientSampleId : VIBLK21

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

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



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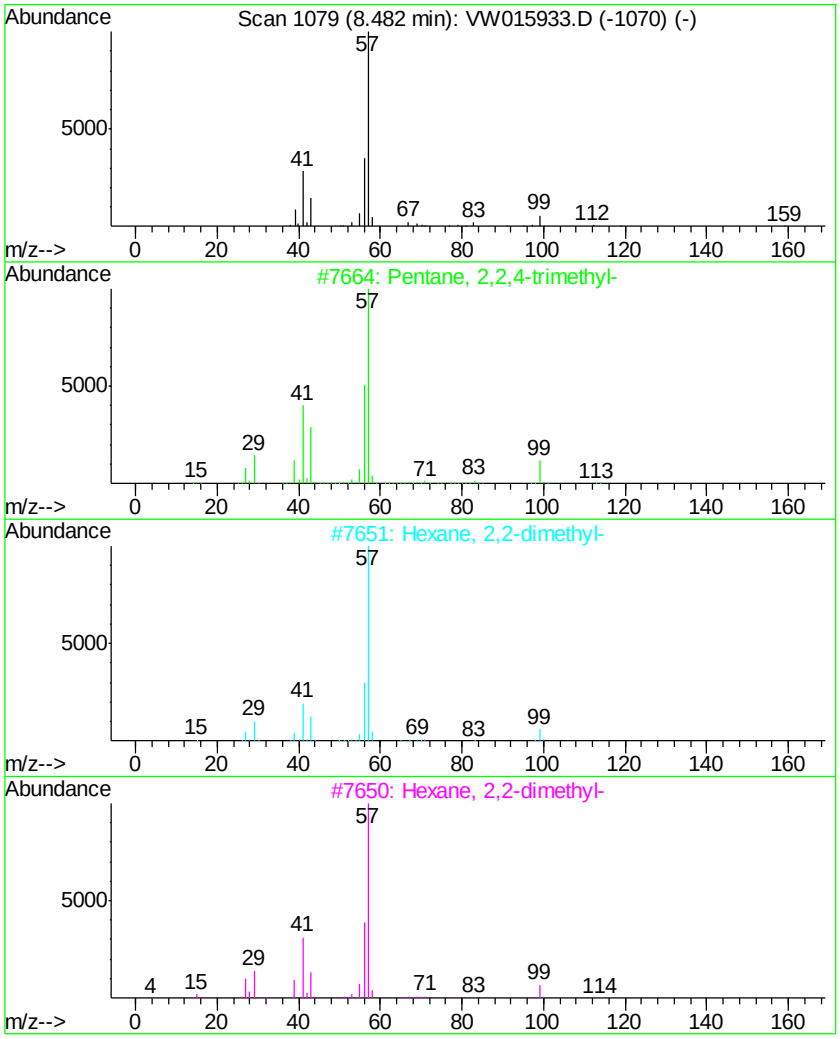
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

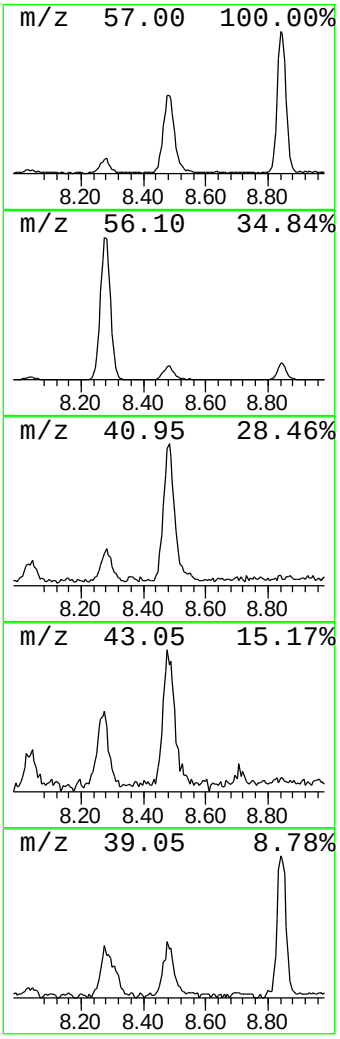
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	1.58 ug/L	62068	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
3	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
4	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
5	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72





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: Str...	8.48	1.6	ug/L	62068	1	8.85	984788	25.0