LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071719\
Data File : VW011325.D
Acq On : 18 Jul 2019 00:06
Operator : SY/VA
Sample : K3863-07
Misc : 5.62G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A52G7

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\SOM2WLM070219S.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	2.892	157	162	171	rVB	3166	7188	15.61%	2.354%
2	2.953	171	172	174	rBV2	444	358	0.78%	0.117%
3	3.202	210	213	215	rBV2	427	523	1.14%	0.171%
4	3.288	224	227	230	rVB2	471	594	1.29%	0.195%
5	3.324	230	233	234	rBV2	431	450	0.98%	0.147%
6	3.355	237	238	242	rBV3	343	407	0.88%	0.133%
7	3.398	242	245	246	rBV2	338	397	0.86%	0.130%
8	3.666	287	289	292	rVB3	554	347	0.75%	0.114%
9	3.727	292	299	304	rBV5	428	1257	2.73%	0.412%
10	3.806	310	312	314	rBV3	340	385	0.84%	0.126%
11	3.843	316	318	320	rBV2	400	439	0.95%	0.144%
12	4.019	337	347	349	rBV3	4925	9992	21.70%	3.273%
13	4.123	359	364	365	rBV3	1264	1831	3.98%	0.600%
14	4.263	384	387	389	rBV2	440	514	1.12%	0.168%
15	4.373	401	405	406	rBV3	619	823	1.79%	0.270%
16	4.532	427	431	432	rBV2	348	379	0.82%	0.124%
17	4.599	439	442	444	rBV3	359	453	0.98%	0.148%
18	4.653	449	451	454	rVB3	467	496	1.08%	0.162%
19	4.849	481	483	488	rBV2	286	346	0.75%	0.113%
20	4.909	488	493	496	rBV3	494	852	1.85%	0.279%
21	5.098	523	524	526	rBV2	346	325	0.71%	0.106%
22	5.123	526	528	531	rVV3	478	446	0.97%	0.146%
23	5.178	535	537	541	rVV2	343	479	1.04%	0.157%
24	5.397	572	573	577	rBV2	388	319	0.69%	0.104%
25	5.525	592	594	597	rBV2	503	478	1.04%	0.157%
26	5.745	628	630	633	rBV2	253	296	0.64%	0.097%
27	6.110	688	690	691	rBV	407	382	0.83%	0.125%
28	6.226	707	709	711	rBV2	281	241	0.52%	0.079%
29	6.251	711	713	717	rVB3	294	303	0.66%	0.099%
30	6.306	720	722	723	rBV	391	264	0.57%	0.086%
31	6.507	752	755	756	rBV2	446	513	1.11%	0.168%
32	6.562	761	764	768	rVB	478	750	1.63%	0.246%
33	6.812	800	805	806	rBV	396	606	1.32%	0.198%
34	6.903	814	820	821	rBV3	427	666	1.45%	0.218%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A52G7

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\SOM2WLM070219S.M
Title : VOC Analysis

35	7.299	881	885	886	rBV	410	449	0.97%	0.147%
36	7.348	891	893	895	rVB2	396	306	0.66%	0.100%
37	7.519	920	921	925	rBV2	287	352	0.76%	0.115%
38	7.580	928	931	933	rBV2	579	522	1.13%	0.171%
39	7.647	935	942	951	rVB2	7810	20046	43.53%	6.565%
40	7.787	962	965	968	rBV2	418	490	1.06%	0.160%
41	7.811	968	969	972	rVV2	342	259	0.56%	0.085%
42	7.958	991	993	996	rVB	494	444	0.96%	0.145%
43	8.147	1023	1024	1026	rVB	517	325	0.71%	0.106%
44	8.275	1034	1045	1056	rBV3	14614	46052	100.00%	15.083%
45	8.634	1101	1104	1110	rBV4	299	512	1.11%	0.168%
46	8.708	1112	1116	1117	rBV4	436	486	1.06%	0.159%
47	8.756	1123	1124	1127	rBV	314	249	0.54%	0.082%
48	8.842	1131	1138	1145	rVV2	13894	28663	62.24%	9.388%
49	8.970	1155	1159	1162	rBV3	253	446	0.97%	0.146%
50	9.092	1173	1179	1186	rVB4	4776	10276	22.31%	3.366%
51	9.140	1186	1187	1189	rBV	443	360	0.78%	0.118%
52	9.214	1196	1199	1200	rVB2	392	334	0.73%	0.109%
53	9.275	1200	1209	1216	rBV	12035	25518	55.41%	8.358%
54	9.409	1228	1231	1232	rBV	503	380	0.83%	0.124%
55	9.610	1263	1264	1266	rVB	503	297	0.64%	0.097%
56	9.665	1271	1273	1277	rVV3	299	396	0.86%	0.130%
57	9.750	1284	1287	1288	rBV2	308	335	0.73%	0.110%
58	9.854	1302	1304	1307	rBV	389	498	1.08%	0.163%
59	9.994	1324	1327	1328	rBV	480	366	0.79%	0.120%
60	10.037	1328	1334	1340	rVV2	4901	9447	20.51%	3.094%
61	10.110	1344	1346	1348	rBV2	234	251	0.55%	0.082%
62	10.268	1370	1372	1375	rBV2	328	241	0.52%	0.079%
63	10.323	1375	1381	1389	rVB2	14929	27329	59.34%	8.951%
64	10.512	1410	1412	1415	rVB2	459	369	0.80%	0.121%
65	10.579	1418	1423	1429	rVV3	2775	5667	12.31%	1.856%
66	10.634	1431	1432	1435	rVB2	590	267	0.58%	0.087%
67	10.713	1440	1445	1449	rVV2	612	1282	2.78%	0.420%
68	10.780	1453	1456	1458	rVB3	296	338	0.73%	0.111%
69	10.933	1475	1481	1490	rBV	4811	9821	21.33%	3.217%
70	11.024	1494	1496	1497	rVB	475	269	0.58%	0.088%
71	11.079	1497	1505	1512	rBV6	1777	4601	9.99%	1.507%

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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\SOM2WLM070219S.M
Title : VOC Analysis

72	11.274	1535	1537	1539	rBV	307	294	0.64%	0.096%
73	11.299	1539	1541	1544	rVB3	365	307	0.67%	0.101%
74	11.634	1589	1596	1605	rVB	16788	28635	62.18%	9.378%
75	12.000	1652	1656	1659	rVV4	503	665	1.44%	0.218%
76	12.067	1663	1667	1669	rVB2	276	368	0.80%	0.121%
77	12.091	1669	1671	1672	rBV	415	293	0.64%	0.096%
78	12.189	1685	1687	1689	rBV2	388	339	0.74%	0.111%
79	12.213	1689	1691	1693	rBV2	303	246	0.53%	0.081%
80	12.323	1706	1709	1711	rVB	303	264	0.57%	0.086%
81	12.347	1711	1713	1715	rBV2	340	364	0.79%	0.119%
82	12.384	1718	1719	1722	rVV3	320	260	0.56%	0.085%
83	12.439	1725	1728	1729	rBV	307	295	0.64%	0.097%
84	12.554	1745	1747	1751	rVB2	473	527	1.14%	0.173%
85	12.615	1751	1757	1761	rBV2	1455	2419	5.25%	0.792%
86	12.695	1764	1770	1776	rVB2	8601	14573	31.64%	4.773%
87	12.810	1786	1789	1791	rBV	428	600	1.30%	0.197%
88	12.853	1794	1796	1799	rVB3	383	352	0.76%	0.115%
89	12.993	1815	1819	1820	rBV2	295	304	0.66%	0.100%
90	13.067	1829	1831	1832	rVV	374	288	0.63%	0.094%
91	13.195	1850	1852	1855	rVB	353	354	0.77%	0.116%
92	13.329	1872	1874	1877	rBV2	399	502	1.09%	0.164%
93	13.353	1877	1878	1881	rVV2	438	472	1.02%	0.155%
94	13.402	1885	1886	1888	rBV2	419	283	0.61%	0.093%
95	13.487	1899	1900	1902	rBV2	408	396	0.86%	0.130%
96	13.560	1907	1912	1917	rVB	5890	8907	19.34%	2.917%
97	13.859	1954	1961	1966	rBV3	5214	9459	20.54%	3.098%
98	14.018	1986	1987	1990	rBV3	364	439	0.95%	0.144%
99	14.286	2030	2031	2035	rBV2	409	348	0.76%	0.114%
100	14.365	2042	2044	2047	rBV3	514	434	0.94%	0.142%

Sum of corrected areas: 305329

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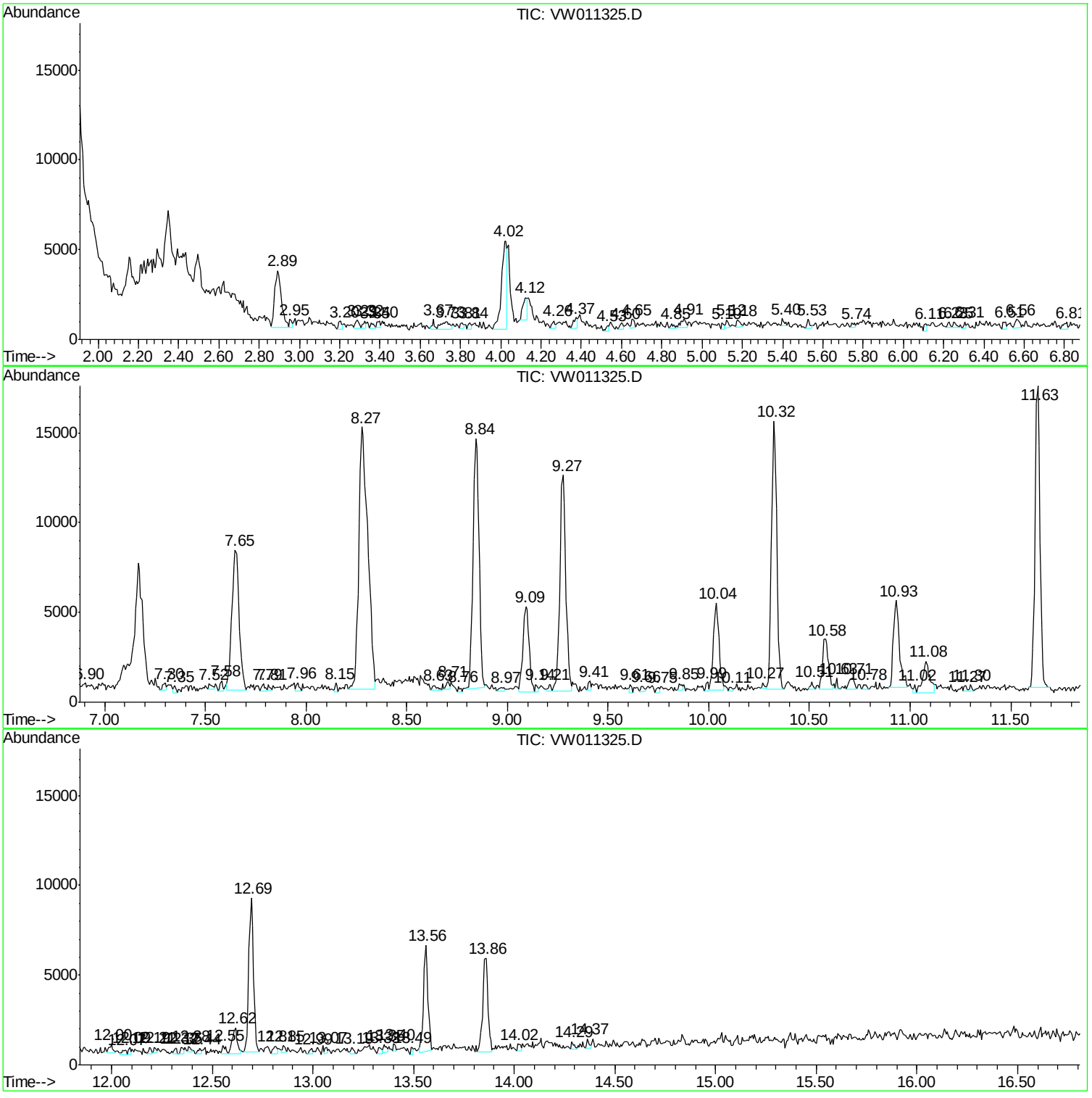
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071719\
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Operator : SY/VA
Sample : K3863-07
Misc : 5.62G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A52G7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

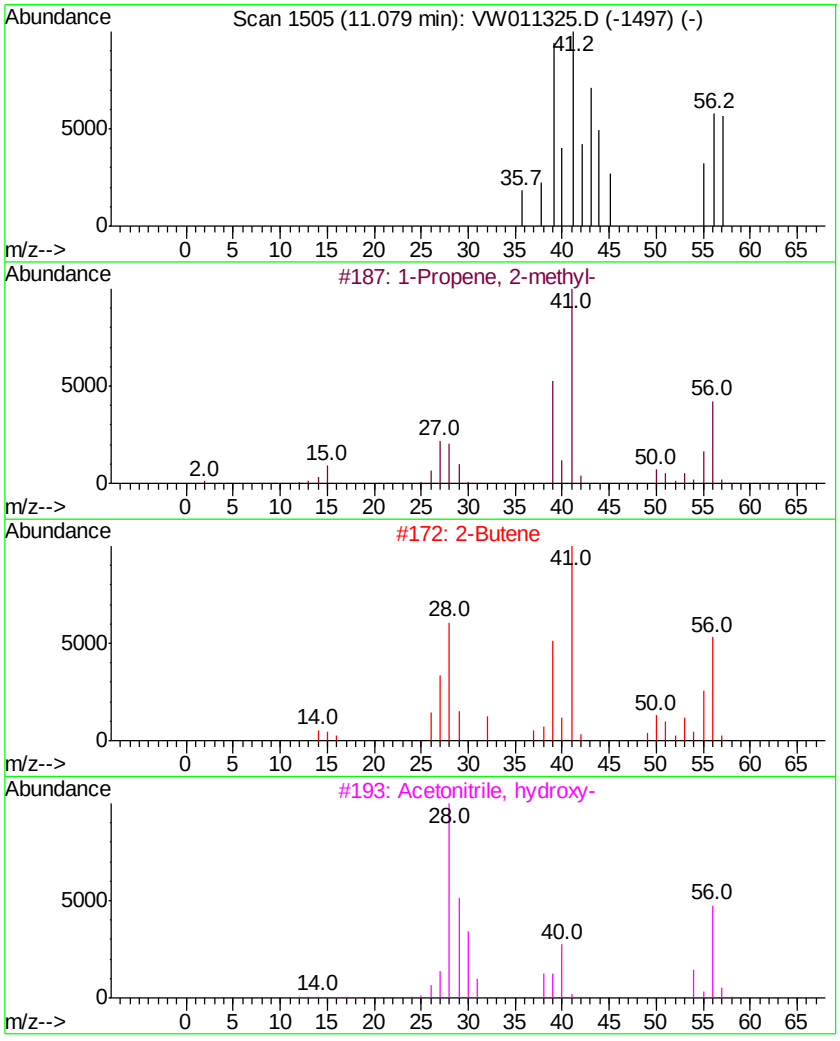
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

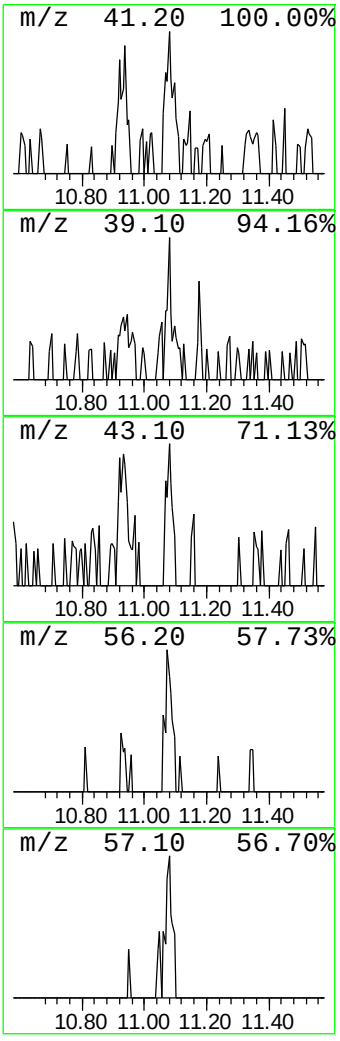
****

Peak Number 2 (DEL) Alkane: Cyclic11.08 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	4.02 ug/L	4601	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	5
2	2-Butene	56	C4H8	000107-01-7	5
3	Acetonitrile, hydroxy-	57	C2H3NO	000107-16-4	4
4	Propene	42	C3H6	000115-07-1	4
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	4





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: Cyc...	11.08	4.0	ug/L	4601	2	11.63	28635	25.0