LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081020\
Data File : VW016113.D
Acq On : 10 Aug 2020 20:41
Operator : SY/VA
Sample : L3598-09
Misc : 6.80G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY65

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\SOM2WLM081020S.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	37	41	42	rBV	2392	3148	0.20%	0.027%
2	2.355	66	74	91	rBV	84805	214557	13.78%	1.861%
3	2.495	92	97	110	rBV	40637	106108	6.82%	0.921%
4	2.891	154	162	176	rBV	61454	164973	10.60%	1.431%
5	4.013	332	346	359	rBV	159974	554336	35.61%	4.809%
6	4.135	361	366	383	rVB	28840	86374	5.55%	0.749%
7	4.245	383	384	387	rBV2	474	447	0.03%	0.004%
8	4.501	425	426	430	rVB3	537	483	0.03%	0.004%
9	4.604	439	443	448	rVB	294	479	0.03%	0.004%
10	4.653	448	451	452	rBV2	460	482	0.03%	0.004%
11	4.684	452	456	462	rVB4	919	1347	0.09%	0.012%
12	4.775	469	471	473	rBV	459	391	0.03%	0.003%
13	4.903	483	492	508	rBV3	12548	51479	3.31%	0.447%
14	5.220	538	544	547	rBV4	817	1542	0.10%	0.013%
15	5.415	569	576	578	rBV3	1378	2167	0.14%	0.019%
16	5.787	628	637	649	rBV2	7767	24471	1.57%	0.212%
17	5.933	652	661	669	rVV6	2861	8706	0.56%	0.076%
18	6.092	685	687	688	rVV	735	576	0.04%	0.005%
19	6.122	688	692	701	rVV5	1179	2807	0.18%	0.024%
20	6.909	813	821	828	rBV5	2251	6070	0.39%	0.053%
21	7.086	841	850	858	rBV	59227	163265	10.49%	1.416%
22	7.256	877	878	892	rVB3	1429	3114	0.20%	0.027%
23	7.384	896	899	902	rVB2	503	462	0.03%	0.004%
24	7.512	915	920	921	rBV2	425	551	0.04%	0.005%
25	7.531	921	923	924	rBV2	463	446	0.03%	0.004%
26	7.653	931	943	957	rBV	261717	645869	41.49%	5.603%
27	7.872	977	979	980	rBV	355	383	0.02%	0.003%
28	7.951	985	992	998	rBV4	2128	4809	0.31%	0.042%
29	8.061	1006	1010	1015	rBV3	467	819	0.05%	0.007%
30	8.177	1027	1029	1034	rVB2	387	552	0.04%	0.005%
31	8.275	1034	1045	1063	rBV2	511707	1556617	100.00%	13.505%
32	8.396	1063	1065	1066	rBV2	507	487	0.03%	0.004%
33	8.555	1081	1091	1099	rBV2	37423	83753	5.38%	0.727%
34	8.720	1108	1118	1128	rBV4	6832	16789	1.08%	0.146%

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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
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\SOM2WLM081020S.M
Title : VOC Analysis

35	8.841	1128	1138	1150	rBV	501729	1010458	64.91%	8.766%
36	8.939	1152	1154	1155	rVB2	607	389	0.02%	0.003%
37	9.024	1166	1168	1170	rVB	413	378	0.02%	0.003%
38	9.049	1170	1172	1174	rBV	523	500	0.03%	0.004%
39	9.091	1174	1179	1183	rVB7	1964	4149	0.27%	0.036%
40	9.165	1190	1191	1196	rVB3	310	453	0.03%	0.004%
41	9.274	1200	1209	1218	rBV	350676	708587	45.52%	6.148%
42	9.415	1227	1232	1240	rVB2	4502	8697	0.56%	0.075%
43	9.658	1266	1272	1274	rBV3	1102	2077	0.13%	0.018%
44	10.036	1326	1334	1344	rVV	194354	346945	22.29%	3.010%
45	10.122	1346	1348	1354	rVB6	1002	1719	0.11%	0.015%
46	10.323	1372	1381	1389	rBV	737326	1282233	82.37%	11.124%
47	10.390	1389	1392	1403	rVB	8682	15007	0.96%	0.130%
48	10.579	1416	1423	1432	rBV	135556	235580	15.13%	2.044%
49	10.707	1437	1444	1451	rVB3	14293	25994	1.67%	0.226%
50	10.866	1464	1470	1473	rBV5	2562	4270	0.27%	0.037%
51	10.926	1473	1480	1495	rBV	256759	428098	27.50%	3.714%
52	11.073	1499	1504	1511	rVB2	9887	16445	1.06%	0.143%
53	11.183	1521	1522	1528	rVB2	682	793	0.05%	0.007%
54	11.250	1528	1533	1535	rBV2	589	500	0.03%	0.004%
55	11.432	1558	1563	1565	rBV2	267	430	0.03%	0.004%
56	11.634	1588	1596	1605	rBV	702615	1169083	75.10%	10.143%
57	11.731	1609	1612	1617	rVB	2930	4536	0.29%	0.039%
58	11.847	1623	1631	1639	rBV5	4439	9032	0.58%	0.078%
59	11.938	1645	1646	1652	rVB2	940	1102	0.07%	0.010%
60	12.164	1679	1683	1690	rVB6	1794	2856	0.18%	0.025%
61	12.237	1692	1695	1696	rBV2	371	379	0.02%	0.003%
62	12.341	1703	1712	1721	rVB3	2780	5769	0.37%	0.050%
63	12.420	1721	1725	1726	rBV	346	417	0.03%	0.004%
64	12.463	1729	1732	1737	rVB3	1605	1865	0.12%	0.016%
65	12.512	1737	1740	1742	rBV2	413	517	0.03%	0.004%
66	12.560	1745	1748	1751	rBV3	367	500	0.03%	0.004%
67	12.609	1751	1756	1761	rBV2	12057	19100	1.23%	0.166%
68	12.694	1762	1770	1777	rBV	345105	553974	35.59%	4.806%
69	12.810	1784	1789	1791	rBB4	350	400	0.03%	0.003%
70	12.932	1806	1809	1815	rVB5	1918	3192	0.21%	0.028%
71	13.042	1824	1827	1831	rBV3	415	746	0.05%	0.006%

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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\SOM2WLM081020S.M
Title : VOC Analysis

72	13.274	1854	1865	1875	rBV6	6463	14981	0.96%	0.130%
73	13.402	1880	1886	1891	rBV5	1702	3255	0.21%	0.028%
74	13.463	1894	1896	1899	rBV2	379	499	0.03%	0.004%
75	13.499	1899	1902	1905	rBV4	1466	2006	0.13%	0.017%
76	13.560	1905	1912	1922	rVV	602566	951005	61.09%	8.251%
77	13.652	1923	1927	1932	rVB4	5093	7593	0.49%	0.066%
78	13.853	1953	1960	1971	rVV	580064	935677	60.11%	8.118%
79	14.023	1987	1988	1990	rBV	457	379	0.02%	0.003%
80	14.072	1990	1996	2002	rVV2	8348	13534	0.87%	0.117%
81	14.182	2012	2014	2019	rBV3	235	456	0.03%	0.004%
82	14.328	2031	2038	2043	rVB5	3226	4950	0.32%	0.043%
83	14.523	2067	2070	2075	rVB3	1261	1889	0.12%	0.016%
84	14.633	2082	2088	2092	rBV3	1224	2073	0.13%	0.018%
85	14.725	2102	2103	2106	rVB2	721	483	0.03%	0.004%
86	14.767	2106	2110	2111	rBV2	374	503	0.03%	0.004%
87	14.834	2120	2121	2124	rBV2	367	407	0.03%	0.004%
88	14.962	2140	2142	2147	rBV3	524	468	0.03%	0.004%
89	15.139	2169	2171	2174	rVB2	489	414	0.03%	0.004%
90	15.188	2175	2179	2181	rVV4	934	960	0.06%	0.008%
91	15.237	2185	2187	2190	rVB3	542	492	0.03%	0.004%
92	15.365	2205	2208	2210	rBV3	716	925	0.06%	0.008%
93	15.493	2225	2229	2234	rVB3	2073	3360	0.22%	0.029%
94	15.755	2268	2272	2273	rBV3	387	487	0.03%	0.004%
95	15.962	2303	2306	2307	rBV2	624	527	0.03%	0.005%
96	16.054	2318	2321	2323	rBV3	494	603	0.04%	0.005%
97	16.291	2357	2360	2361	rBV2	452	515	0.03%	0.004%
98	16.432	2378	2383	2386	rBV2	648	1106	0.07%	0.010%
99	16.493	2391	2393	2396	rVV2	290	385	0.02%	0.003%
100	16.718	2428	2430	2432	rBV2	485	450	0.03%	0.004%

Sum of corrected areas: 11526411

LSC Report - Integrated Chromatogram

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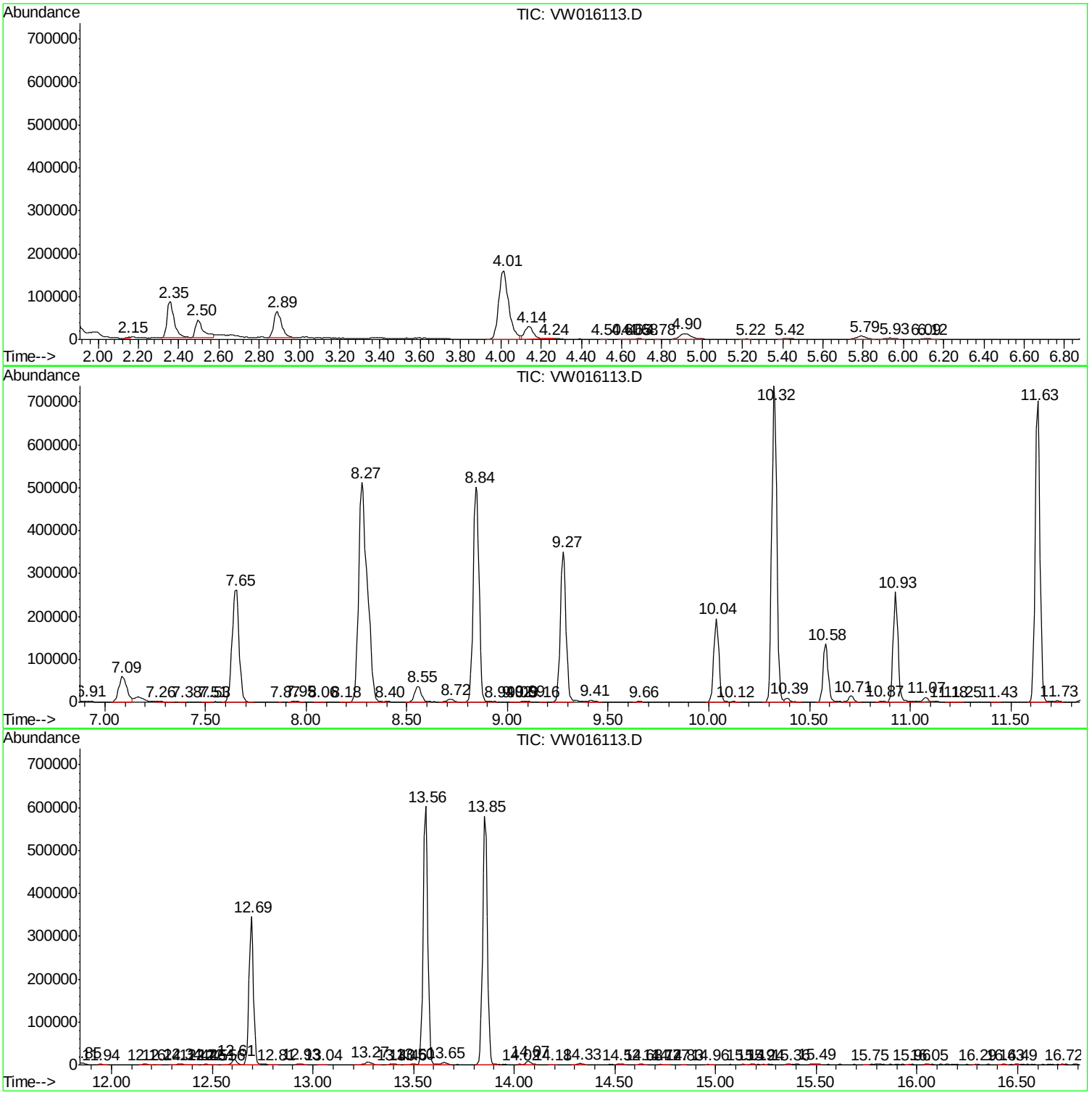
Sample : L3598-09
Misc : 6.80G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY65

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.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\VW081020\
Data File : VW016113.D
Acq On : 10 Aug 2020 20:41
Operator : SY/VA
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Misc : 6.80G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY65

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis

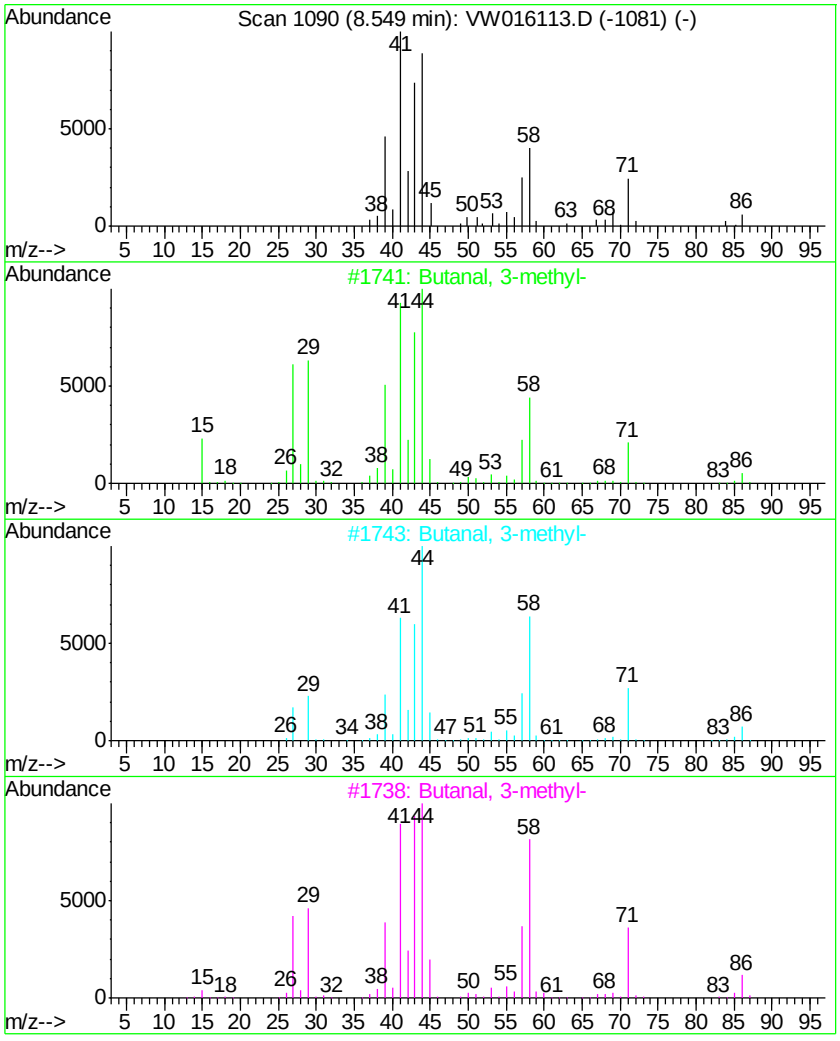
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

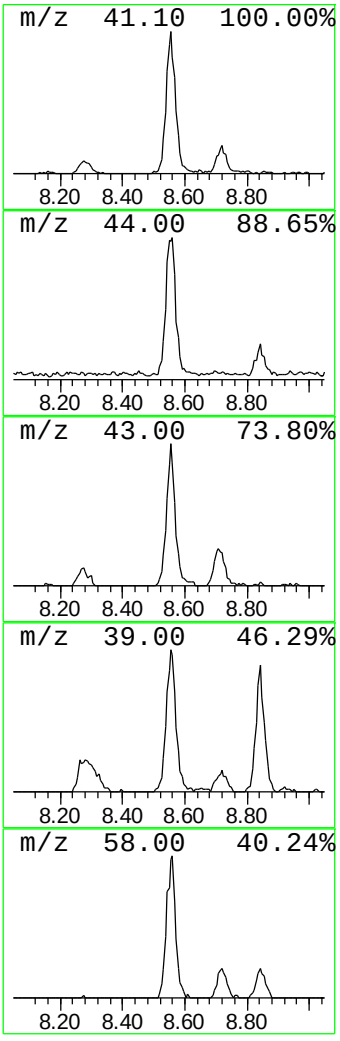
****

Peak Number 2 Butanal, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	2.07 ug/L	83753	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal, 3-methyl-	86	C5H10O	000590-86-3	97
2	Butanal, 3-methyl-	86	C5H10O	000590-86-3	62
3	Butanal, 3-methyl-	86	C5H10O	000590-86-3	46
4	Pentanal	86	C5H10O	000110-62-3	46
5	Pentanal	86	C5H10O	000110-62-3	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081020\
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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
Butanal, 3-methyl-	8.55	2.1	ug/L	83753	1	8.85	1010460	25.0