LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100320\
Data File : VV018663.D
Acq On : 03 Oct 2020 18:31
Operator : SY/MD
Sample : L4254-05
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3S6

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_V\METHOD\SOMVLM092920WMA.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	1.315	63	70	88	rVB	129176	132802	13.68%	1.669%
2	1.579	145	152	166	rVB	113808	131164	13.51%	1.649%
3	2.122	311	321	335	rBV	245713	372867	38.41%	4.687%
4	2.524	442	446	449	rVB5	695	501	0.05%	0.006%
5	2.589	464	466	468	rBV5	122	75	0.01%	0.001%
6	2.717	504	506	509	rBV	190	83	0.01%	0.001%
7	2.872	548	554	556	rBV2	332	271	0.03%	0.003%
8	2.945	574	577	579	rBV2	206	118	0.01%	0.001%
9	3.003	590	595	598	rBV	332	348	0.04%	0.004%
10	3.026	601	602	605	rVB	336	113	0.01%	0.001%
11	3.058	610	612	613	rBV	591	241	0.02%	0.003%
12	3.193	652	654	657	rBV	213	114	0.01%	0.001%
13	3.244	668	670	671	rBV	228	103	0.01%	0.001%
14	3.273	676	679	680	rBV	286	166	0.02%	0.002%
15	3.373	706	710	711	rBV	105	73	0.01%	0.001%
16	3.447	731	733	736	rVB	180	68	0.01%	0.001%
17	3.560	765	768	771	rBV2	146	105	0.01%	0.001%
18	3.643	790	794	801	rVB2	350	411	0.04%	0.005%
19	3.675	801	804	806	rBV	196	130	0.01%	0.002%
20	3.695	806	810	811	rBV2	342	209	0.02%	0.003%
21	3.756	827	829	835	rBV	228	146	0.02%	0.002%
22	3.785	835	838	844	rVB	238	185	0.02%	0.002%
23	3.830	849	852	857	rBV	375	263	0.03%	0.003%
24	3.904	865	875	908	rBV	62460	180058	18.55%	2.263%
25	4.376	1007	1022	1050	rBV	160044	391677	40.35%	4.923%
26	4.611	1092	1095	1097	rBV	298	230	0.02%	0.003%
27	4.672	1112	1114	1117	rBV	289	168	0.02%	0.002%
28	4.730	1129	1132	1134	rBV3	236	148	0.02%	0.002%
29	4.804	1151	1155	1158	rBV2	305	198	0.02%	0.002%
30	4.884	1177	1180	1183	rBV2	138	98	0.01%	0.001%
31	4.933	1192	1195	1198	rBV	219	167	0.02%	0.002%
32	5.071	1220	1238	1270	rBV2	375306	970816	100.00%	12.203%
33	5.392	1335	1338	1342	rVB	518	338	0.03%	0.004%
34	5.412	1342	1344	1349	rBV2	441	414	0.04%	0.005%

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ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3S6

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_V\METHOD\SOMVLM092920WMA.M
Title : VOC Analysis

35	5.463	1358	1360	1363	rVB2	214	122	0.01%	0.002%
36	5.486	1363	1367	1370	rBV	132	117	0.01%	0.001%
37	5.505	1372	1373	1375	rBV2	239	118	0.01%	0.001%
38	5.640	1403	1415	1445	rBV	316111	628868	64.78%	7.905%
39	5.926	1493	1504	1524	rBV2	44574	92872	9.57%	1.167%
40	6.023	1532	1534	1536	rBV	433	244	0.03%	0.003%
41	6.093	1542	1556	1581	rBV	220150	447008	46.04%	5.619%
42	6.270	1608	1611	1613	rVB2	473	276	0.03%	0.003%
43	6.289	1615	1617	1619	rBV	339	214	0.02%	0.003%
44	6.341	1631	1633	1637	rBV2	196	123	0.01%	0.002%
45	6.357	1637	1638	1642	rVV	252	134	0.01%	0.002%
46	6.428	1657	1660	1661	rBV	312	184	0.02%	0.002%
47	6.540	1693	1695	1697	rVB2	205	82	0.01%	0.001%
48	6.563	1697	1702	1705	rBV3	361	335	0.03%	0.004%
49	6.582	1705	1708	1709	rBV2	215	118	0.01%	0.001%
50	6.672	1732	1736	1740	rBV3	499	449	0.05%	0.006%
51	6.707	1744	1747	1748	rBV3	193	105	0.01%	0.001%
52	6.781	1767	1770	1774	rBV	194	160	0.02%	0.002%
53	6.846	1786	1790	1792	rBV2	134	113	0.01%	0.001%
54	6.916	1810	1812	1815	rBV	290	191	0.02%	0.002%
55	6.936	1815	1818	1819	rBV	225	111	0.01%	0.001%
56	7.006	1829	1840	1867	rBV	119941	219060	22.56%	2.754%
57	7.251	1914	1916	1917	rVB	344	80	0.01%	0.001%
58	7.264	1917	1920	1921	rBV	342	152	0.02%	0.002%
59	7.338	1930	1943	1968	rBV	452934	772995	79.62%	9.717%
60	7.595	2021	2023	2026	rBV	307	185	0.02%	0.002%
61	7.640	2027	2037	2061	rBV	87350	151690	15.63%	1.907%
62	7.797	2082	2086	2089	rBV3	651	506	0.05%	0.006%
63	7.862	2102	2106	2109	rBV	461	321	0.03%	0.004%
64	7.958	2130	2136	2137	rBV	435	418	0.04%	0.005%
65	7.997	2138	2148	2167	rVB	52510	88965	9.16%	1.118%
66	8.106	2173	2182	2215	rBV2	174504	378228	38.96%	4.754%
67	8.434	2280	2284	2287	rBV2	318	256	0.03%	0.003%
68	8.627	2341	2344	2345	rBV2	220	102	0.01%	0.001%
69	8.640	2345	2348	2350	rVV	178	108	0.01%	0.001%
70	8.694	2362	2365	2369	rVB2	324	235	0.02%	0.003%
71	8.714	2369	2371	2372	rBV2	179	80	0.01%	0.001%

LSC Area Percent Report

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ClientSampleId : BG3S6

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_V\METHOD\SOMVLM092920WMA.M
Title : VOC Analysis

72	8.775	2387	2390	2393	rVB	334	200	0.02%	0.003%
73	8.871	2409	2420	2449	rBV	491988	803616	82.78%	10.101%
74	9.032	2468	2470	2476	rBV2	290	268	0.03%	0.003%
75	9.071	2479	2482	2484	rBV2	430	238	0.02%	0.003%
76	9.093	2487	2489	2490	rBV	247	80	0.01%	0.001%
77	9.164	2509	2511	2513	rBV2	289	174	0.02%	0.002%
78	9.267	2539	2543	2545	rBV	269	204	0.02%	0.003%
79	9.312	2554	2557	2561	rBV	268	190	0.02%	0.002%
80	9.366	2572	2574	2578	rBV3	272	185	0.02%	0.002%
81	9.395	2581	2583	2589	rVB	342	281	0.03%	0.004%
82	9.421	2589	2591	2593	rBV	185	108	0.01%	0.001%
83	9.572	2635	2638	2642	rBV3	246	214	0.02%	0.003%
84	9.633	2655	2657	2660	rBV2	189	108	0.01%	0.001%
85	9.665	2663	2667	2673	rBV3	426	405	0.04%	0.005%
86	9.801	2706	2709	2710	rBV2	248	119	0.01%	0.001%
87	9.813	2710	2713	2716	rBV2	435	228	0.02%	0.003%
88	9.839	2718	2721	2724	rBV2	397	329	0.03%	0.004%
89	10.083	2795	2797	2800	rVB	388	163	0.02%	0.002%
90	10.112	2804	2806	2809	rVB2	214	99	0.01%	0.001%
91	10.235	2833	2844	2868	rBV	269729	425030	43.78%	5.343%
92	11.270	3155	3166	3190	rBV	562987	861413	88.73%	10.828%
93	11.514	3239	3242	3245	rBV2	566	378	0.04%	0.005%
94	11.556	3248	3255	3268	rBV8	2967	6357	0.65%	0.080%
95	11.646	3272	3283	3302	rVV	561582	881534	90.80%	11.081%
96	11.935	3371	3373	3376	rBV3	527	225	0.02%	0.003%
97	12.350	3500	3502	3504	rBV2	411	254	0.03%	0.003%
98	12.373	3504	3509	3514	rVV5	1919	2428	0.25%	0.031%
99	12.546	3561	3563	3565	rBV	341	154	0.02%	0.002%
100	13.222	3771	3773	3781	rVB	381	297	0.03%	0.004%

Sum of corrected areas: 7955472

LSC Report - Integrated Chromatogram

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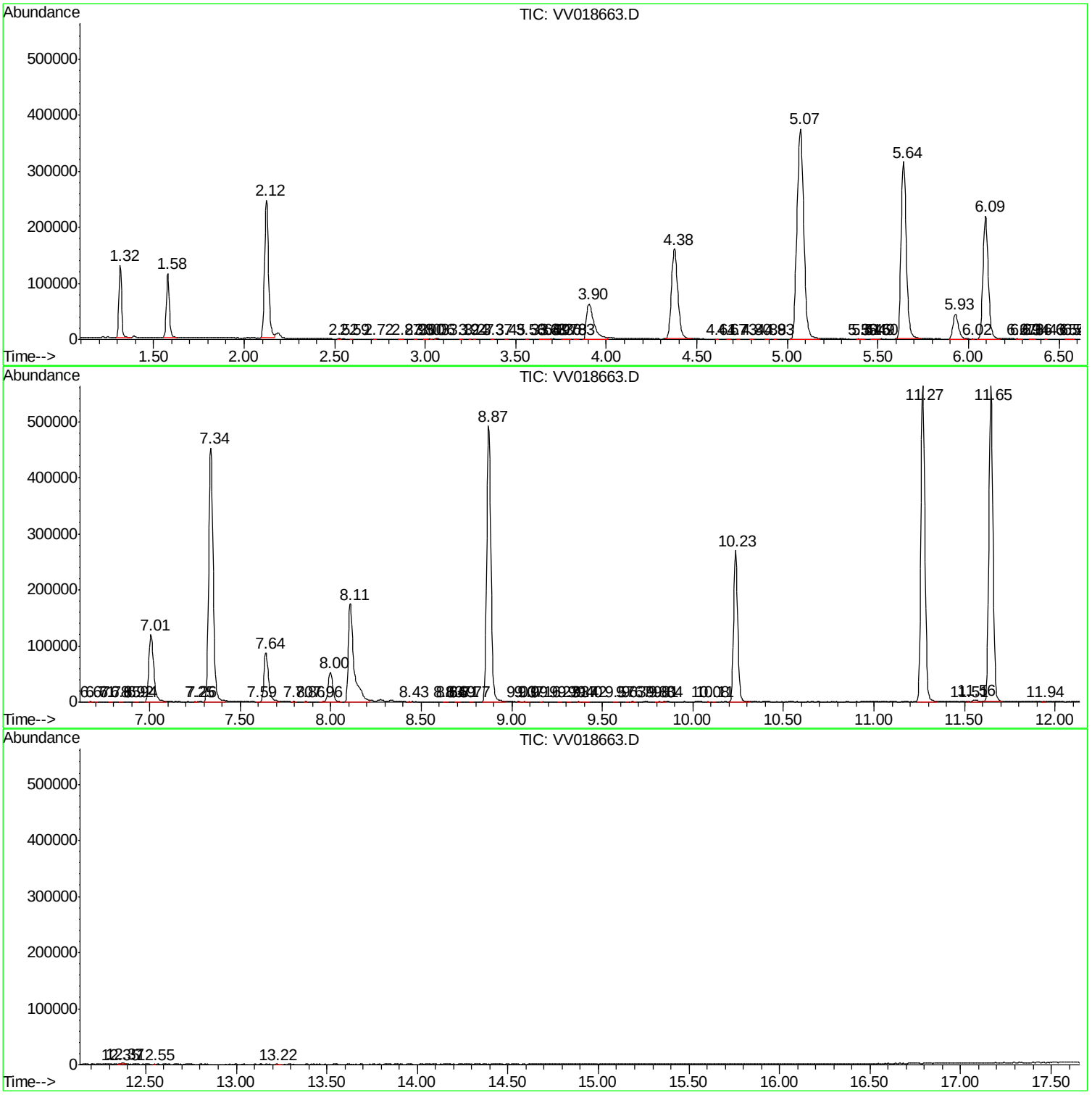
Sample : L4254-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3S6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.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_V\DATA\VV100320\
Data File : VV018663.D
Acq On : 03 Oct 2020 18:31
Operator : SY/MD
Sample : L4254-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3S6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

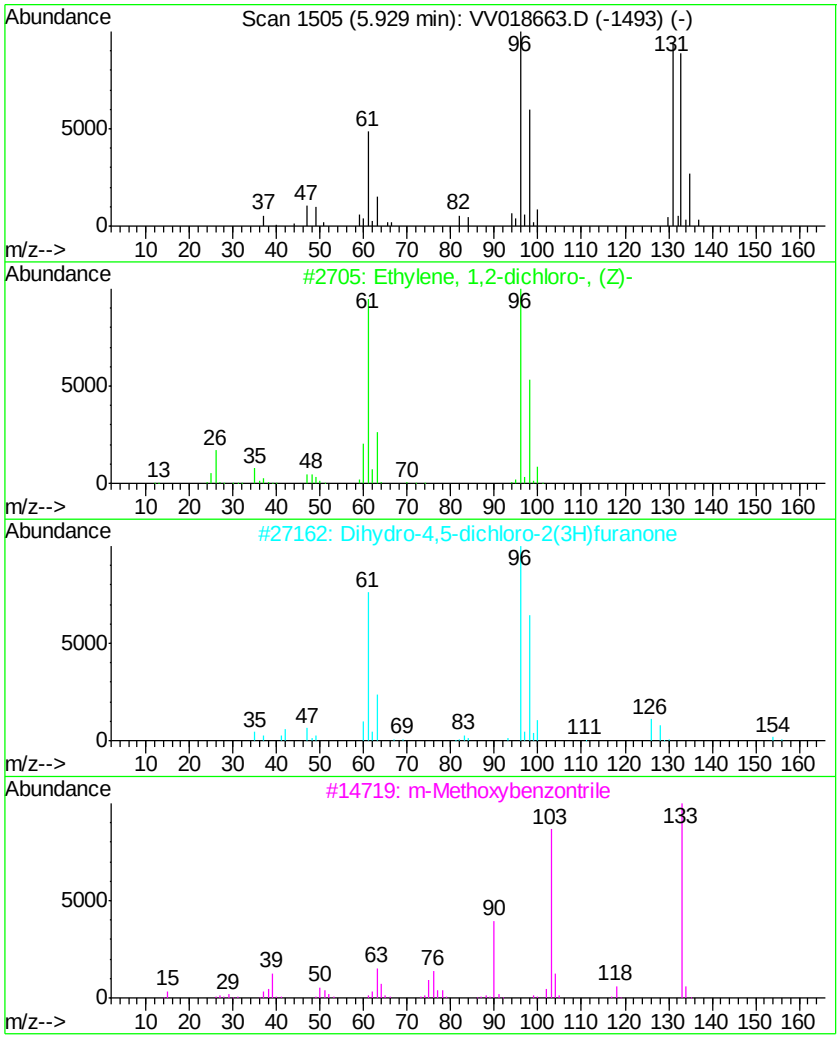
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

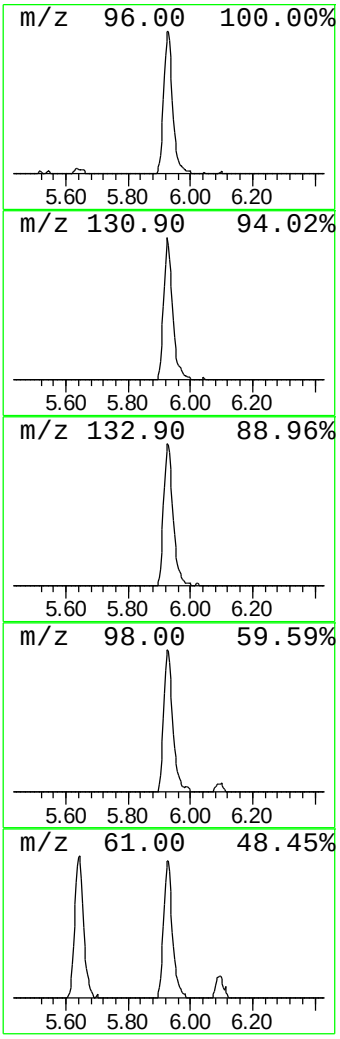
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	7.38 ug/L	92872	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
2	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
3	m-Methoxybenzontrile	133	C8H7NO	001527-89-5	9
4	Benzoxazole, 2-methyl-	133	C8H7NO	000095-21-6	9
5	1H-Imidazole, 1,5-dimethyl-	96	C5H8N2	010447-93-5	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100320\
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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	5.93	7.4	ug/L	92872	1	5.64	628868	50.0