LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
Data File : VV016658.D
Acq On : 08 Jun 2020 14:38
Operator : SY/MD
Sample : L2862-14
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E28

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\SOMVLM060820WMA.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	64	70	82	rVB	205171	203172	13.45%	1.932%
2	1.560	140	146	156	rVB	133603	155797	10.31%	1.481%
3	1.978	274	276	282	rBV7	1993	1495	0.10%	0.014%
4	2.116	309	319	331	rBV	296650	438987	29.06%	4.174%
5	2.721	503	507	511	rBV5	1742	1461	0.10%	0.014%
6	2.849	543	547	550	rBV5	2199	1955	0.13%	0.019%
7	2.910	562	566	570	rBV6	1313	1447	0.10%	0.014%
8	3.110	627	628	635	rVB6	1494	1011	0.07%	0.010%
9	3.139	635	637	641	rVB4	1447	993	0.07%	0.009%
10	3.254	668	673	676	rBV5	1243	1458	0.10%	0.014%
11	3.283	679	682	683	rVV3	1170	639	0.04%	0.006%
12	3.296	684	686	692	rVB6	1355	1203	0.08%	0.011%
13	3.351	701	703	707	rBV5	1219	636	0.04%	0.006%
14	3.383	711	713	714	rBV2	1686	712	0.05%	0.007%
15	3.441	729	731	734	rVB3	1172	611	0.04%	0.006%
16	3.463	734	738	741	rVB6	1136	823	0.05%	0.008%
17	3.653	794	797	799	rVB4	892	485	0.03%	0.005%
18	3.666	799	801	804	rBV5	1448	766	0.05%	0.007%
19	3.692	807	809	816	rVB8	2260	2061	0.14%	0.020%
20	3.759	827	830	833	rBV5	2182	1375	0.09%	0.013%
21	3.798	840	842	845	rBV4	1383	808	0.05%	0.008%
22	3.849	854	858	859	rBV3	898	608	0.04%	0.006%
23	3.894	862	872	897	rBV	115287	301916	19.98%	2.871%
24	4.068	924	926	929	rBV5	1955	1010	0.07%	0.010%
25	4.251	981	983	985	rBV3	1574	944	0.06%	0.009%
26	4.373	1003	1021	1047	rBV	242221	596261	39.47%	5.670%
27	4.528	1066	1069	1070	rBV2	1608	729	0.05%	0.007%
28	4.589	1086	1088	1089	rBV2	1264	598	0.04%	0.006%
29	4.701	1115	1123	1126	rBV8	5157	7881	0.52%	0.075%
30	4.756	1138	1140	1141	rBV2	1737	669	0.04%	0.006%
31	4.804	1154	1155	1159	rVB4	1274	703	0.05%	0.007%
32	4.830	1159	1163	1166	rBV5	1281	968	0.06%	0.009%
33	4.855	1168	1171	1173	rBV4	1685	1099	0.07%	0.010%
34	4.920	1189	1191	1193	rBV3	1668	602	0.04%	0.006%

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Title : VOC Analysis

35	4.933	1193	1195	1200	rVB5	1949	1475	0.10%	0.014%
36	5.071	1221	1238	1259	rBV2	586641	1510726	100.00%	14.365%
37	5.434	1346	1351	1352	rBV3	1783	1154	0.08%	0.011%
38	5.560	1387	1390	1391	rBV3	1302	668	0.04%	0.006%
39	5.640	1401	1415	1440	rBV	308374	626094	41.44%	5.953%
40	5.807	1463	1467	1470	rBV3	1914	1536	0.10%	0.015%
41	5.859	1481	1483	1487	rBV4	1635	1129	0.07%	0.011%
42	5.878	1487	1489	1493	rVB5	1921	1130	0.07%	0.011%
43	6.093	1543	1556	1579	rBV	338753	674634	44.66%	6.415%
44	6.373	1640	1643	1646	rVV4	2031	1544	0.10%	0.015%
45	6.389	1646	1648	1652	rVB4	2588	1731	0.11%	0.016%
46	6.437	1662	1663	1665	rBV2	1327	472	0.03%	0.004%
47	6.502	1680	1683	1685	rBV3	1189	786	0.05%	0.007%
48	6.531	1690	1692	1696	rVB4	1809	1082	0.07%	0.010%
49	6.550	1696	1698	1703	rVB7	1606	1378	0.09%	0.013%
50	6.576	1703	1706	1707	rBV3	1068	613	0.04%	0.006%
51	6.630	1717	1723	1724	rBV4	1963	1657	0.11%	0.016%
52	6.826	1782	1784	1786	rBV3	1104	528	0.03%	0.005%
53	6.929	1813	1816	1819	rBV5	1517	1242	0.08%	0.012%
54	7.007	1828	1840	1859	rBV	196482	353305	23.39%	3.360%
55	7.338	1931	1943	1963	rBV	691578	1198827	79.35%	11.399%
56	7.640	2028	2037	2059	rBV	135652	229247	15.17%	2.180%
57	8.042	2157	2162	2166	rBV8	1639	1459	0.10%	0.014%
58	8.106	2173	2182	2216	rBV	375772	707919	46.86%	6.731%
59	8.502	2303	2305	2310	rBV4	790	475	0.03%	0.005%
60	8.669	2355	2357	2359	rBV3	1293	561	0.04%	0.005%
61	8.682	2359	2361	2364	rVB4	1512	747	0.05%	0.007%
62	8.733	2374	2377	2381	rBV4	1280	973	0.06%	0.009%
63	8.752	2381	2383	2386	rBV2	1622	954	0.06%	0.009%
64	8.875	2410	2421	2445	rBV	462049	751233	49.73%	7.143%
65	9.283	2539	2548	2561	rBV3	22283	40497	2.68%	0.385%
66	9.376	2574	2577	2580	rBV5	1313	697	0.05%	0.007%
67	9.408	2585	2587	2593	rVB6	1352	868	0.06%	0.008%
68	9.624	2650	2654	2657	rVB4	1674	1316	0.09%	0.013%
69	9.643	2657	2660	2662	rVB3	1514	808	0.05%	0.008%
70	9.662	2662	2666	2668	rBV5	1572	1134	0.08%	0.011%
71	9.717	2679	2683	2685	rBV5	2267	1856	0.12%	0.018%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Title : VOC Analysis

72	9.884	2729	2735	2747	rVB10	7187	13143	0.87%	0.125%
73	9.955	2753	2757	2759	rBV4	1755	1352	0.09%	0.013%
74	10.238	2833	2845	2863	rBV	452348	714676	47.31%	6.796%
75	10.666	2975	2978	2980	rBV4	1639	897	0.06%	0.009%
76	10.694	2986	2987	2991	rBV4	1266	588	0.04%	0.006%
77	10.913	3053	3055	3056	rBV2	1225	479	0.03%	0.005%
78	11.064	3101	3102	3103	rBV	1452	505	0.03%	0.005%
79	11.273	3155	3167	3181	rBV	479542	747405	49.47%	7.107%
80	11.646	3273	3283	3301	rVB	734074	1159687	76.76%	11.027%
81	12.074	3414	3416	3418	rBV3	1612	833	0.06%	0.008%
82	12.119	3424	3430	3435	rBV9	2035	3272	0.22%	0.031%
83	12.428	3524	3526	3528	rBV3	1468	650	0.04%	0.006%
84	12.643	3590	3593	3596	rBV4	1329	1107	0.07%	0.011%
85	12.669	3596	3601	3603	rBV5	2929	2600	0.17%	0.025%
86	12.820	3646	3648	3650	rBV3	1676	776	0.05%	0.007%
87	13.354	3811	3814	3815	rBV3	1042	552	0.04%	0.005%
88	13.463	3844	3848	3849	rBV3	1825	980	0.06%	0.009%
89	13.521	3864	3866	3867	rBV2	1481	574	0.04%	0.005%
90	13.833	3961	3963	3964	rBV2	1192	595	0.04%	0.006%
91	13.968	4003	4005	4006	rBV2	1244	499	0.03%	0.005%
92	14.138	4053	4058	4062	rBV8	2435	2828	0.19%	0.027%
93	14.193	4073	4075	4078	rBV2	1423	899	0.06%	0.009%
94	14.325	4114	4116	4118	rBV3	994	473	0.03%	0.004%
95	14.347	4121	4123	4125	rBV3	1933	746	0.05%	0.007%
96	14.389	4133	4136	4140	rBV5	1924	1607	0.11%	0.015%
97	14.408	4140	4142	4147	rVV6	1217	918	0.06%	0.009%
98	14.514	4172	4175	4178	rBV4	1821	790	0.05%	0.008%
99	14.701	4229	4233	4235	rBV5	1319	1015	0.07%	0.010%
100	14.958	4309	4313	4315	rBV3	2009	1735	0.11%	0.016%

Sum of corrected areas: 10516519

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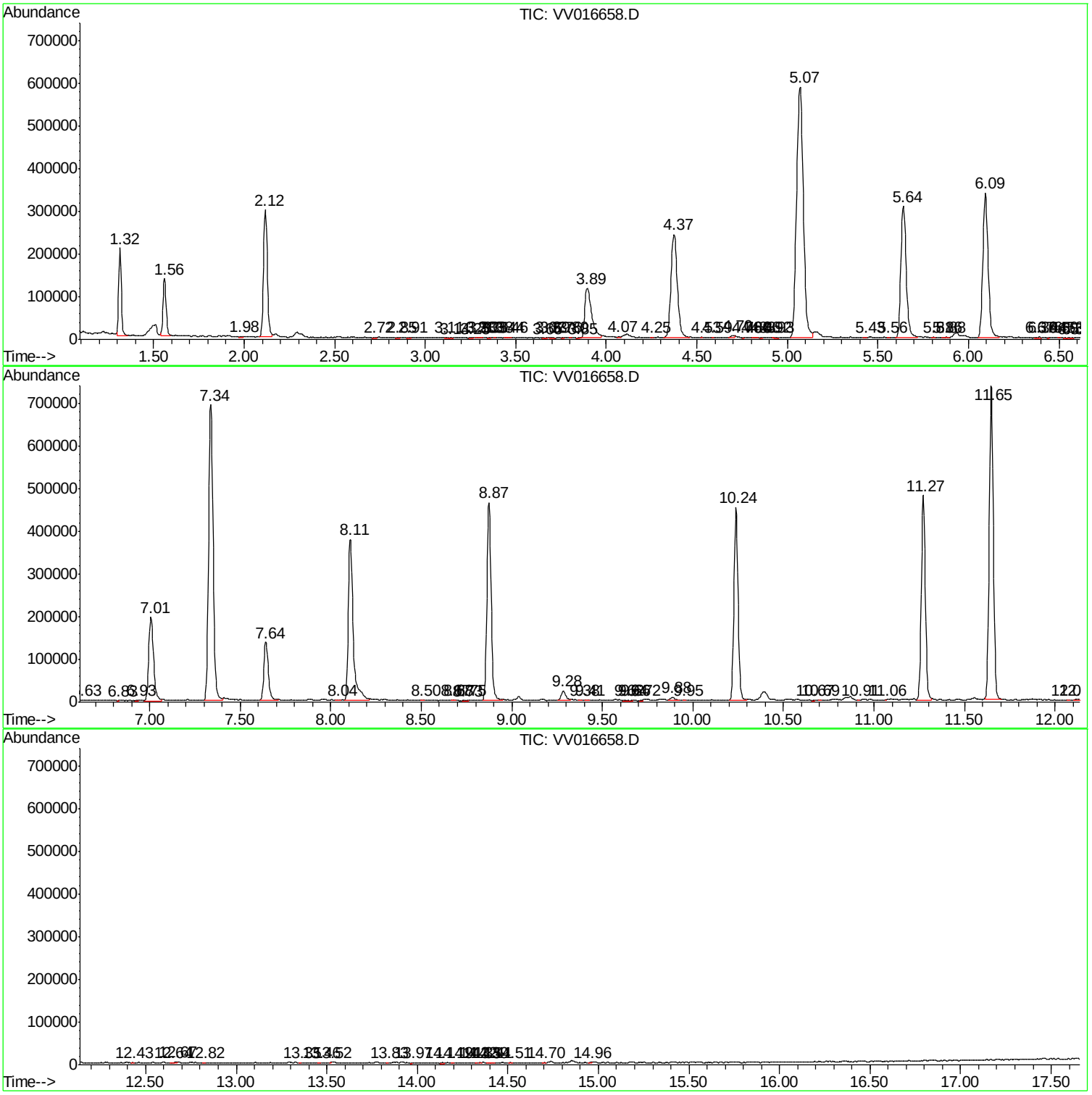
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

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



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Quant Title : VOC Analysis

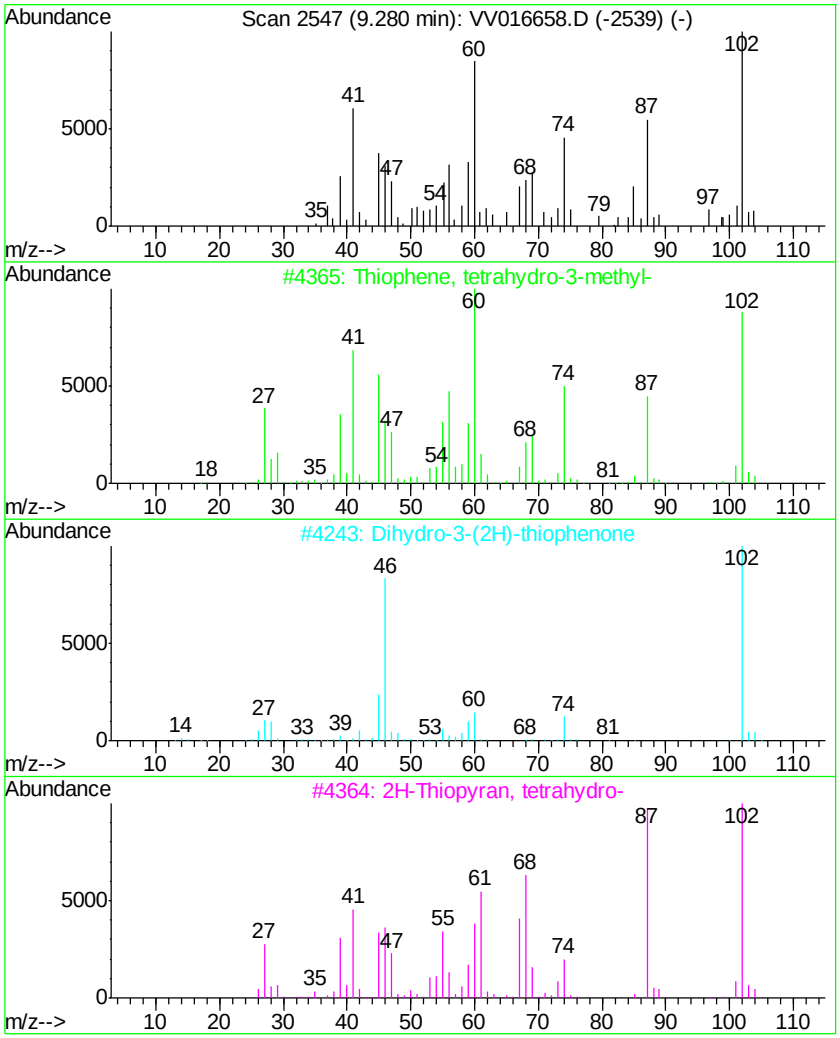
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

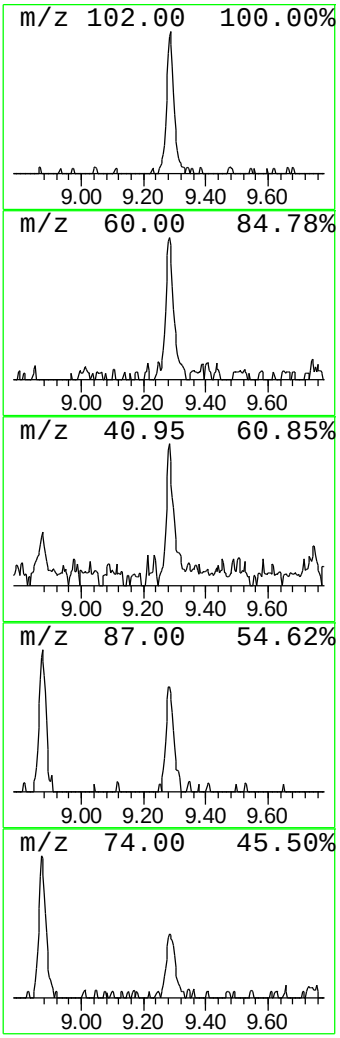
****

Peak Number 2 Thiophene, tetrahydro-3-met... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	2.70 ug/L	40497	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-3-methyl-	102	C5H10S	004740-00-5	91
2	Dihydro-3-(2H)-thiophenone	102	C4H6OS	001003-04-9	43
3	2H-Thiopyran, tetrahydro-	102	C5H10S	001613-51-0	43
4	N-Methoxy-N-acetyl-2-carbomethox...	175	C7H13NO4	078190-90-6	40
5	Cyclopentanethiol	102	C5H10S	001679-07-8	40





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
Thiophene, tetrah...	9.28	2.7	ug/L	40497	2	8.87	751233	50.0