LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
Data File : VV018469.D
Acq On : 25 Sep 2020 20:25
Operator : SY/MD
Sample : L4149-04
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Q3

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\SOMVLM090920WMA.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	85	rVB	212821	216175	15.41%	1.985%
2	1.579	144	152	168	rVB	176761	196300	13.99%	1.802%
3	2.122	310	321	341	rBV	345786	523473	37.31%	4.806%
4	2.338	386	388	392	rBB2	218	140	0.01%	0.001%
5	2.360	392	395	397	rBV	303	198	0.01%	0.002%
6	2.531	440	448	453	rBV4	890	1471	0.10%	0.014%
7	2.627	475	478	485	rBV2	171	253	0.02%	0.002%
8	2.782	518	526	528	rBV3	952	1315	0.09%	0.012%
9	3.068	602	615	629	rVB5	3500	7044	0.50%	0.065%
10	3.222	659	663	668	rBV	157	179	0.01%	0.002%
11	3.708	811	814	819	rVB	199	169	0.01%	0.002%
12	3.827	847	851	854	rBV2	192	149	0.01%	0.001%
13	3.917	868	879	934	rBV	91014	285199	20.33%	2.618%
14	4.376	1004	1022	1052	rBV	219271	535800	38.19%	4.919%
15	4.640	1102	1104	1108	rVB2	327	266	0.02%	0.002%
16	4.666	1108	1112	1117	rVB3	352	346	0.02%	0.003%
17	4.724	1127	1130	1135	rBV3	395	374	0.03%	0.003%
18	5.000	1213	1216	1221	rVB2	170	149	0.01%	0.001%
19	5.074	1221	1239	1271	rBV2	550821	1403141	100.00%	12.882%
20	5.437	1350	1352	1356	rVB2	280	206	0.01%	0.002%
21	5.482	1362	1366	1370	rVB3	208	177	0.01%	0.002%
22	5.515	1370	1376	1379	rBV2	388	311	0.02%	0.003%
23	5.531	1379	1381	1385	rVB3	201	134	0.01%	0.001%
24	5.643	1402	1416	1454	rBV	437018	868297	61.88%	7.971%
25	5.929	1494	1505	1527	rBV	35637	71852	5.12%	0.660%
26	6.093	1543	1556	1582	rBV	309405	622918	44.39%	5.719%
27	6.238	1592	1601	1610	rBV7	755	1451	0.10%	0.013%
28	7.010	1830	1841	1866	rBV	177411	316631	22.57%	2.907%
29	7.338	1929	1943	1964	rBV	666254	1141771	81.37%	10.482%
30	7.643	2026	2038	2061	rBV	126694	215960	15.39%	1.983%
31	7.852	2099	2103	2107	rVB2	378	230	0.02%	0.002%
32	7.920	2120	2124	2127	rBV2	243	159	0.01%	0.001%
33	7.961	2132	2137	2141	rVV2	253	272	0.02%	0.002%
34	8.000	2147	2149	2150	rBV	276	152	0.01%	0.001%

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Integrator: RTE
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Title : VOC Analysis

35	8.029	2154	2158	2164	rBV2	196	224	0.02%	0.002%
36	8.109	2173	2183	2224	rBV2	298084	581921	41.47%	5.342%
37	8.347	2254	2257	2260	rVB3	330	203	0.01%	0.002%
38	8.457	2289	2291	2294	rVB2	266	149	0.01%	0.001%
39	8.476	2294	2297	2300	rBV2	286	234	0.02%	0.002%
40	8.614	2336	2340	2347	rVB2	141	188	0.01%	0.002%
41	8.646	2347	2350	2357	rBV2	124	148	0.01%	0.001%
42	8.875	2404	2421	2460	rBV	658580	1062588	75.73%	9.755%
43	9.167	2506	2512	2522	rBV2	932	1518	0.11%	0.014%
44	9.222	2525	2529	2531	rBV2	325	288	0.02%	0.003%
45	9.270	2539	2544	2549	rBV2	150	144	0.01%	0.001%
46	9.457	2598	2602	2605	rBV2	192	160	0.01%	0.001%
47	9.498	2611	2615	2626	rBV4	324	371	0.03%	0.003%
48	9.575	2633	2639	2642	rBV3	551	621	0.04%	0.006%
49	9.736	2683	2689	2692	rBV4	391	358	0.03%	0.003%
50	9.965	2750	2760	2762	rBV3	282	390	0.03%	0.004%
51	10.039	2777	2783	2791	rVV3	584	745	0.05%	0.007%
52	10.084	2792	2797	2800	rVV2	403	340	0.02%	0.003%
53	10.109	2800	2805	2807	rVV2	944	940	0.07%	0.009%
54	10.141	2810	2815	2826	rVB4	2130	3253	0.23%	0.030%
55	10.238	2831	2845	2873	rBV	367373	571104	40.70%	5.243%
56	10.383	2882	2890	2891	rBV3	990	1150	0.08%	0.011%
57	10.473	2907	2918	2932	rBV3	3191	6845	0.49%	0.063%
58	10.566	2939	2947	2950	rBV4	1504	2023	0.14%	0.019%
59	10.601	2950	2958	2974	rVB	9346	14446	1.03%	0.133%
60	10.672	2974	2980	2983	rVB2	154	144	0.01%	0.001%
61	10.720	2989	2995	3001	rBV4	787	953	0.07%	0.009%
62	10.762	3001	3008	3014	rBV4	688	951	0.07%	0.009%
63	10.788	3014	3016	3017	rBV4	337	163	0.01%	0.001%
64	10.862	3031	3039	3044	rBV4	913	1147	0.08%	0.011%
65	10.900	3044	3051	3057	rVV4	2357	3245	0.23%	0.030%
66	10.942	3057	3064	3074	rVB2	5572	7772	0.55%	0.071%
67	11.048	3092	3097	3105	rBV3	978	1314	0.09%	0.012%
68	11.112	3113	3117	3125	rVB4	835	1062	0.08%	0.010%
69	11.170	3125	3135	3145	rBV6	1596	2699	0.19%	0.025%
70	11.215	3145	3149	3151	rBV3	349	240	0.02%	0.002%
71	11.270	3153	3166	3186	rBV	691055	1061603	75.66%	9.746%

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Integration Parameters: LSCINT.P
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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Title : VOC Analysis

72	11.395	3200	3205	3215	rVB7	3534	5607	0.40%	0.051%
73	11.482	3227	3232	3242	rVB4	2895	3922	0.28%	0.036%
74	11.559	3249	3256	3265	rBV5	1823	3012	0.21%	0.028%
75	11.646	3271	3283	3305	rBV	684033	1078094	76.83%	9.898%
76	11.810	3324	3334	3347	rBV2	18779	27202	1.94%	0.250%
77	11.942	3368	3375	3376	rBV3	678	708	0.05%	0.006%
78	12.000	3389	3393	3395	rBV3	938	863	0.06%	0.008%
79	12.087	3415	3420	3422	rBV3	548	472	0.03%	0.004%
80	12.145	3432	3438	3445	rVB2	1129	1421	0.10%	0.013%
81	12.202	3452	3456	3458	rBV	332	293	0.02%	0.003%
82	12.276	3472	3479	3486	rBV5	772	1150	0.08%	0.011%
83	12.389	3505	3514	3522	rBV5	2390	3901	0.28%	0.036%
84	12.437	3522	3529	3536	rVB4	1383	1914	0.14%	0.018%
85	12.489	3536	3545	3549	rBV5	1191	1633	0.12%	0.015%
86	12.524	3551	3556	3566	rVB6	1486	2107	0.15%	0.019%
87	12.569	3566	3570	3576	rBV2	168	234	0.02%	0.002%
88	12.611	3576	3583	3589	rBV5	1074	1180	0.08%	0.011%
89	12.720	3613	3617	3620	rVB3	225	149	0.01%	0.001%
90	12.759	3627	3629	3637	rVB2	207	202	0.01%	0.002%
91	12.907	3668	3675	3688	rBV4	5992	8584	0.61%	0.079%
92	13.058	3718	3722	3728	rBV5	725	953	0.07%	0.009%
93	13.183	3758	3761	3763	rBV2	262	137	0.01%	0.001%
94	13.427	3835	3837	3840	rVV2	200	136	0.01%	0.001%
95	13.485	3852	3855	3856	rBV2	420	240	0.02%	0.002%
96	13.537	3866	3871	3874	rBV3	470	519	0.04%	0.005%
97	13.662	3906	3910	3917	rVB4	824	1003	0.07%	0.009%
98	13.714	3922	3926	3932	rBV2	223	336	0.02%	0.003%
99	13.923	3982	3991	3998	rBV4	1568	1979	0.14%	0.018%
100	14.070	4032	4037	4039	rBV	324	286	0.02%	0.003%

Sum of corrected areas: 10892543

LSC Report - Integrated Chromatogram

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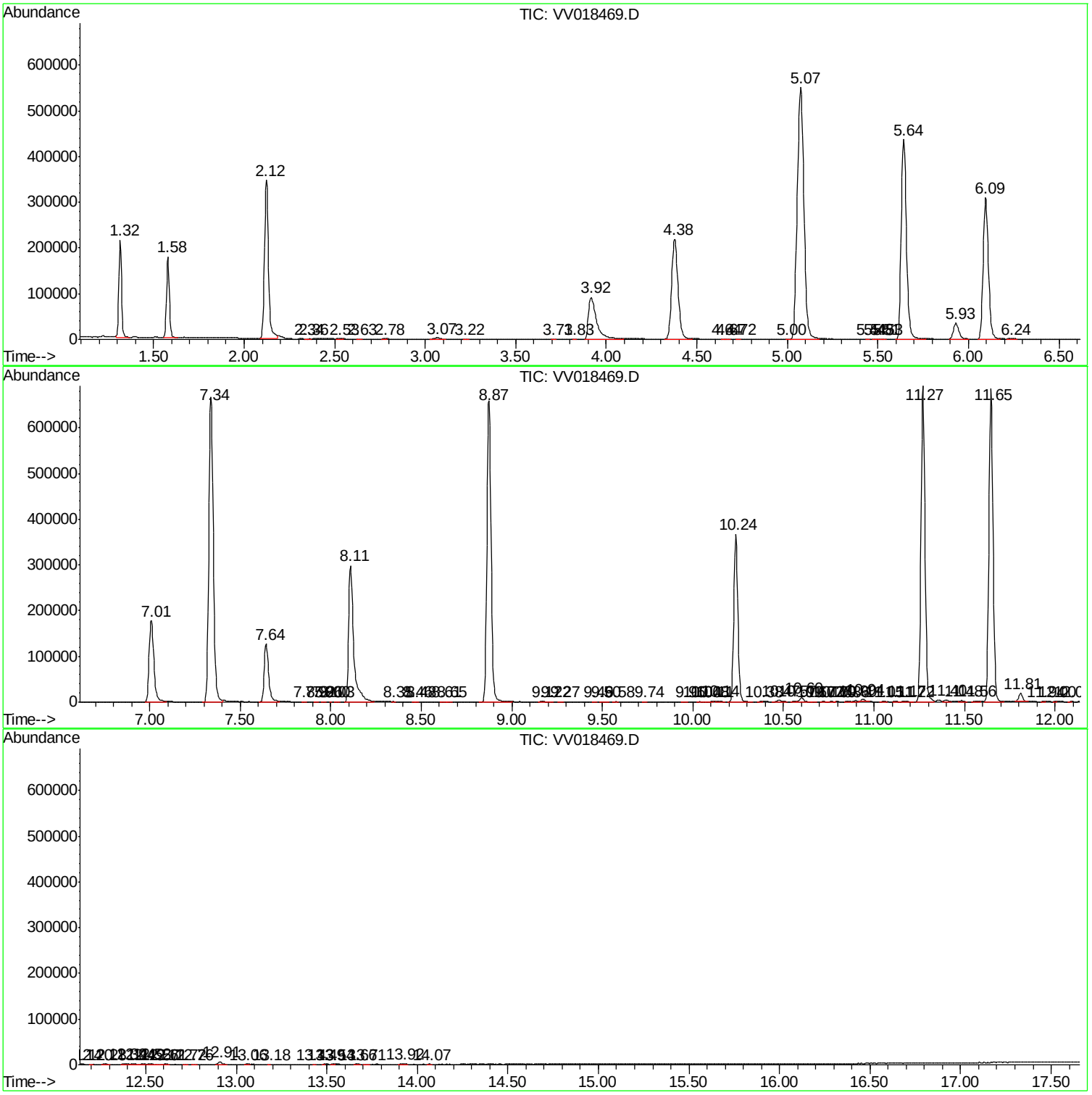
Instrument : MSVOA_V
ClientSampleId : BG3Q3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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



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Quant Title : VOC Analysis

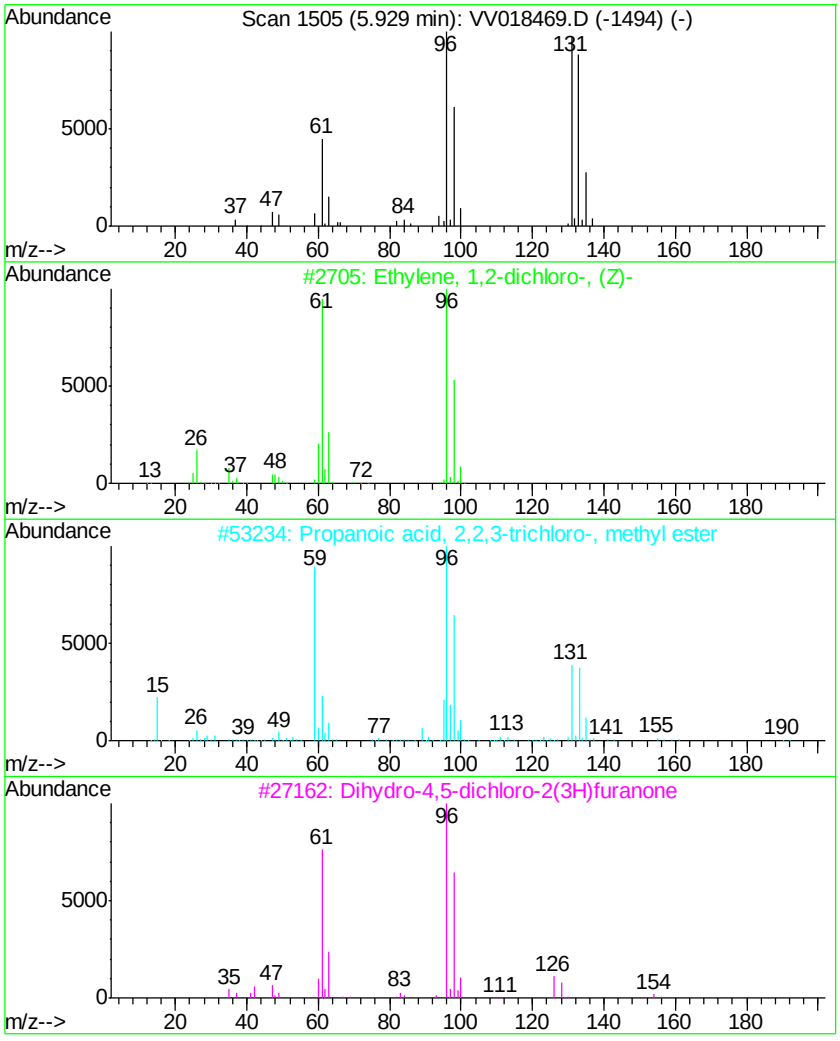
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

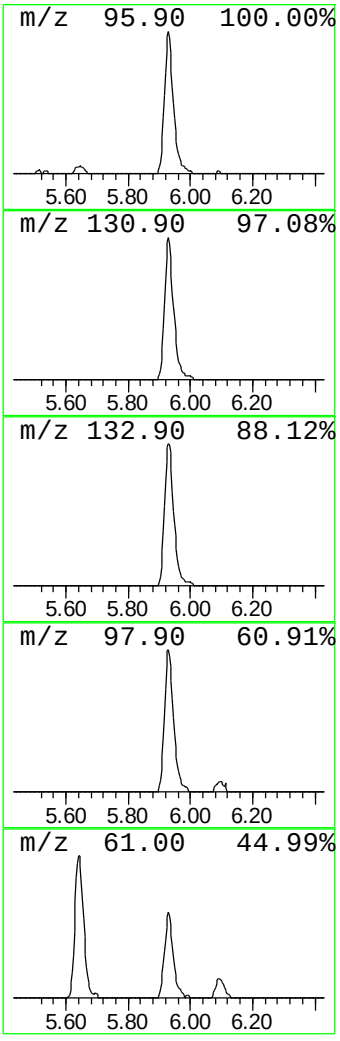
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	4.14 ug/L	71852	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	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	37
3	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	35
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	23
5	2-Cyano-3,5-dimethylpyrazine	133	C7H7N3	124629-52-3	9





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
unknown-01	5.93	4.1	ug/L	71852	1	5.64	868297	50.0