LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
Data File : VV018464.D
Acq On : 25 Sep 2020 18:32
Operator : SY/MD
Sample : L4108-17
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Q8

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	84	rVB	219423	215802	15.34%	1.966%
2	1.579	144	152	164	rBV	178386	196599	13.97%	1.791%
3	2.122	310	321	363	rVB	353639	549015	39.02%	5.001%
4	2.309	375	379	385	rVB	678	784	0.06%	0.007%
5	2.531	441	448	449	rBV3	1300	1483	0.11%	0.014%
6	2.782	518	526	535	rBV3	1692	3005	0.21%	0.027%
7	2.942	573	576	585	rVB2	237	231	0.02%	0.002%
8	3.065	604	614	626	rBV4	4439	9203	0.65%	0.084%
9	3.775	832	835	838	rBV	326	251	0.02%	0.002%
10	3.920	869	880	925	rBV2	86542	280709	19.95%	2.557%
11	4.376	1004	1022	1063	rBV	216505	537031	38.16%	4.892%
12	4.592	1087	1089	1092	rBV4	263	206	0.01%	0.002%
13	4.714	1122	1127	1130	rVB3	319	249	0.02%	0.002%
14	4.946	1195	1199	1206	rVB2	148	193	0.01%	0.002%
15	5.074	1221	1239	1276	rBV2	553430	1407185	100.00%	12.818%
16	5.338	1315	1321	1326	rBV3	275	363	0.03%	0.003%
17	5.431	1347	1350	1354	rBV2	302	226	0.02%	0.002%
18	5.466	1358	1361	1368	rVB3	167	232	0.02%	0.002%
19	5.640	1403	1415	1451	rBV	429353	858303	60.99%	7.818%
20	5.929	1494	1505	1525	rBV	34703	72209	5.13%	0.658%
21	6.093	1543	1556	1589	rVV	304835	620045	44.06%	5.648%
22	6.299	1616	1620	1625	rVB3	448	443	0.03%	0.004%
23	6.900	1801	1807	1812	rBV2	171	261	0.02%	0.002%
24	7.010	1830	1841	1867	rBV	177439	321874	22.87%	2.932%
25	7.241	1906	1913	1919	rBV2	165	197	0.01%	0.002%
26	7.277	1919	1924	1927	rBV3	515	539	0.04%	0.005%
27	7.338	1930	1943	1965	rBV	667075	1144431	81.33%	10.424%
28	7.643	2028	2038	2060	rBV	127548	218059	15.50%	1.986%
29	7.788	2079	2083	2086	rVV3	405	245	0.02%	0.002%
30	7.958	2126	2136	2145	rBV2	606	1160	0.08%	0.011%
31	8.006	2146	2151	2154	rVB3	503	416	0.03%	0.004%
32	8.109	2172	2183	2225	rBV2	298500	581393	41.32%	5.296%
33	8.376	2264	2266	2271	rBV3	255	234	0.02%	0.002%
34	8.482	2295	2299	2303	rBV3	223	245	0.02%	0.002%

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ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
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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_V\METHOD\SOMVLM090920WMA.M
Title : VOC Analysis

35	8.875	2408	2421	2445	rBV	644950	1049801	74.60%	9.562%
36	9.170	2505	2513	2524	rBV2	1257	1988	0.14%	0.018%
37	9.228	2524	2531	2533	rBV2	873	977	0.07%	0.009%
38	9.492	2610	2613	2615	rBV2	505	370	0.03%	0.003%
39	9.572	2631	2638	2643	rBV3	539	678	0.05%	0.006%
40	9.733	2681	2688	2695	rVB3	1016	1246	0.09%	0.011%
41	9.826	2712	2717	2721	rBV3	434	443	0.03%	0.004%
42	9.868	2727	2730	2739	rVB2	461	554	0.04%	0.005%
43	9.961	2753	2759	2763	rBV2	289	396	0.03%	0.004%
44	10.035	2774	2782	2785	rBV3	821	937	0.07%	0.009%
45	10.080	2791	2796	2797	rBV	506	341	0.02%	0.003%
46	10.093	2797	2800	2801	rVV	715	464	0.03%	0.004%
47	10.106	2801	2804	2808	rVV2	1471	1670	0.12%	0.015%
48	10.145	2809	2816	2826	rVB5	3869	6198	0.44%	0.056%
49	10.238	2832	2845	2864	rBV	365413	566446	40.25%	5.160%
50	10.399	2884	2895	2905	rVB5	2570	5244	0.37%	0.048%
51	10.473	2910	2918	2924	rBV	5012	7455	0.53%	0.068%
52	10.540	2934	2939	2940	rBV	404	347	0.02%	0.003%
53	10.563	2942	2946	2949	rVV4	2089	2124	0.15%	0.019%
54	10.601	2950	2958	2972	rVB2	14631	22377	1.59%	0.204%
55	10.720	2987	2995	3000	rBV2	1135	1562	0.11%	0.014%
56	10.762	3003	3008	3015	rBV2	1012	1258	0.09%	0.011%
57	10.797	3015	3019	3029	rVB5	813	967	0.07%	0.009%
58	10.858	3033	3038	3043	rBV4	1072	1265	0.09%	0.012%
59	10.900	3043	3051	3056	rBV4	3514	5001	0.36%	0.046%
60	10.939	3056	3063	3072	rVB3	8452	11932	0.85%	0.109%
61	11.055	3093	3099	3106	rBV6	1603	2529	0.18%	0.023%
62	11.087	3106	3109	3113	rVV2	776	758	0.05%	0.007%
63	11.122	3113	3120	3124	rVV3	1452	1836	0.13%	0.017%
64	11.174	3128	3136	3144	rVV7	2728	4365	0.31%	0.040%
65	11.219	3144	3150	3155	rVV5	981	1140	0.08%	0.010%
66	11.270	3155	3166	3187	rVV	687428	1064136	75.62%	9.693%
67	11.357	3189	3193	3199	rVV4	5172	6835	0.49%	0.062%
68	11.392	3200	3204	3215	rVV4	5077	8328	0.59%	0.076%
69	11.444	3218	3220	3225	rVV4	1541	1474	0.10%	0.013%
70	11.485	3228	3233	3243	rVB2	3951	5248	0.37%	0.048%
71	11.559	3249	3256	3259	rBV3	982	1221	0.09%	0.011%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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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\SOMVLM090920WMA.M
Title : VOC Analysis

72	11.646	3271	3283	3307	rBV	700698	1082056	76.90%	9.856%
73	11.746	3312	3314	3317	rBV3	433	232	0.02%	0.002%
74	11.810	3324	3334	3343	rBV	24065	34537	2.45%	0.315%
75	11.942	3367	3375	3377	rBV3	1261	1319	0.09%	0.012%
76	11.955	3377	3379	3388	rVV6	1832	2569	0.18%	0.023%
77	12.010	3389	3396	3407	rVV8	1613	3578	0.25%	0.033%
78	12.087	3413	3420	3425	rBV5	735	1005	0.07%	0.009%
79	12.145	3429	3438	3445	rBV4	1663	2568	0.18%	0.023%
80	12.206	3452	3457	3459	rBV2	542	445	0.03%	0.004%
81	12.273	3471	3478	3480	rBV3	1311	1349	0.10%	0.012%
82	12.315	3488	3491	3493	rBV2	298	192	0.01%	0.002%
83	12.392	3504	3515	3522	rBV4	3691	6330	0.45%	0.058%
84	12.431	3523	3527	3535	rVV6	1965	3173	0.23%	0.029%
85	12.489	3538	3545	3551	rVV6	2220	3315	0.24%	0.030%
86	12.527	3554	3557	3565	rVV5	1871	1948	0.14%	0.018%
87	12.563	3565	3568	3572	rVB2	466	266	0.02%	0.002%
88	12.611	3578	3583	3590	rVB3	1559	1638	0.12%	0.015%
89	12.656	3594	3597	3599	rBV	460	269	0.02%	0.002%
90	12.752	3624	3627	3631	rVB	414	215	0.02%	0.002%
91	12.910	3667	3676	3687	rBV2	7266	10642	0.76%	0.097%
92	13.064	3717	3724	3726	rBV4	1389	1518	0.11%	0.014%
93	13.292	3789	3795	3800	rVB5	514	686	0.05%	0.006%
94	13.418	3831	3834	3838	rBV2	253	197	0.01%	0.002%
95	13.498	3855	3859	3862	rBV3	1010	774	0.06%	0.007%
96	13.575	3879	3883	3886	rVB3	427	303	0.02%	0.003%
97	13.624	3895	3898	3903	rBV3	245	290	0.02%	0.003%
98	13.665	3907	3911	3915	rVV3	735	707	0.05%	0.006%
99	13.923	3985	3991	3998	rBV3	2139	3271	0.23%	0.030%
100	14.865	4282	4284	4287	rVB3	485	252	0.02%	0.002%

Sum of corrected areas: 10978376

LSC Report - Integrated Chromatogram

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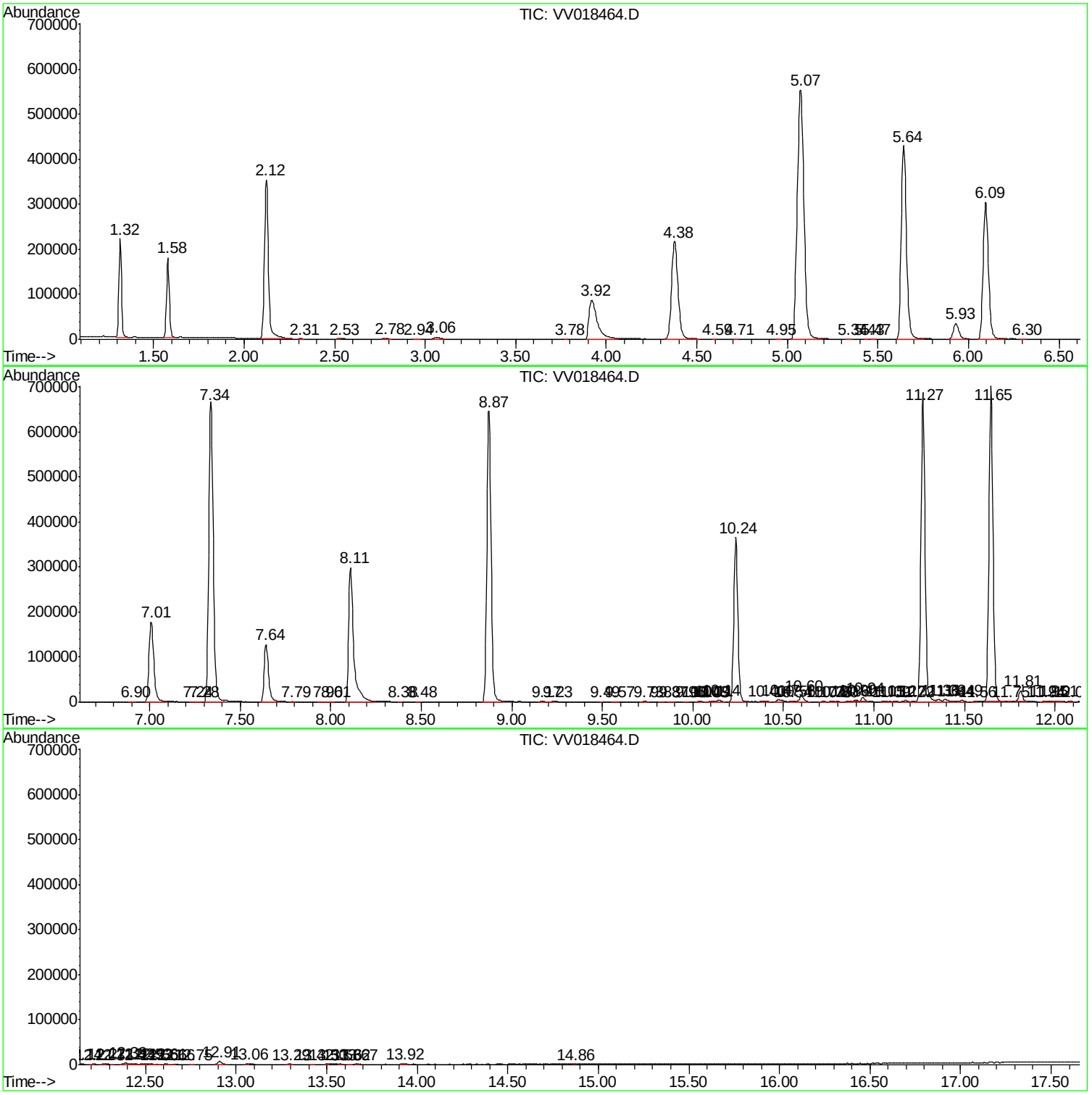
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Q8

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018464.D
Acq On : 25 Sep 2020 18:32
Operator : SY/MD
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Q8

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

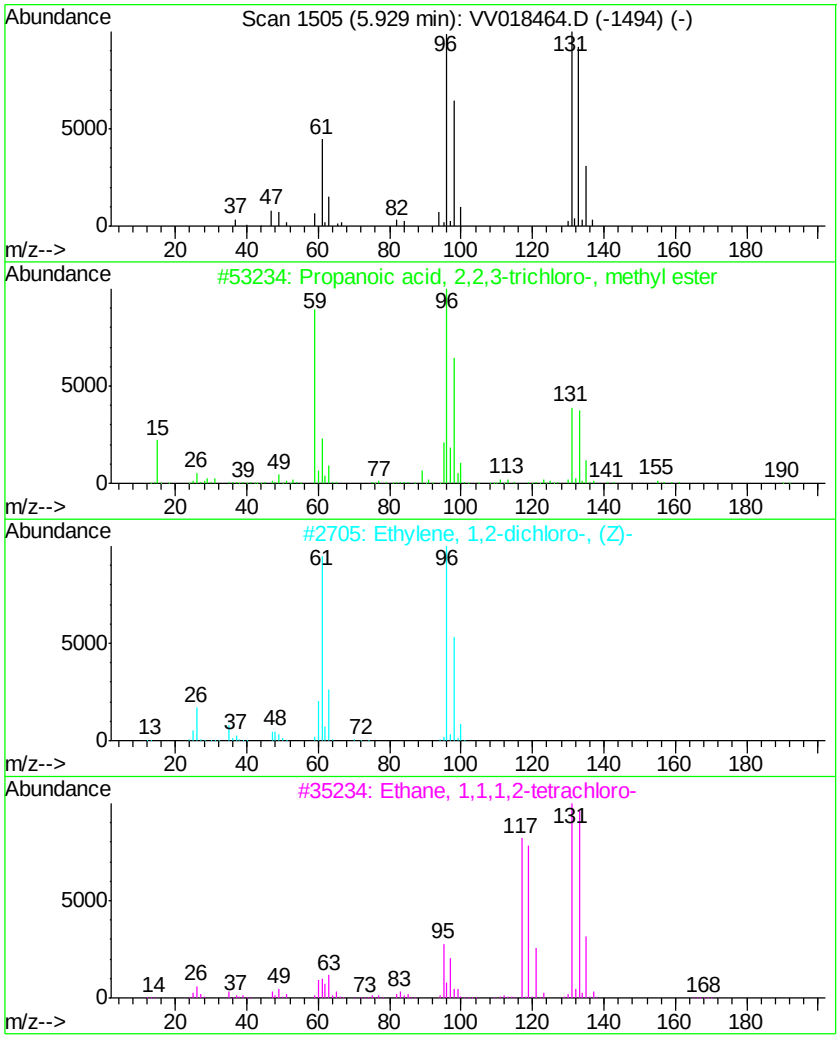
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

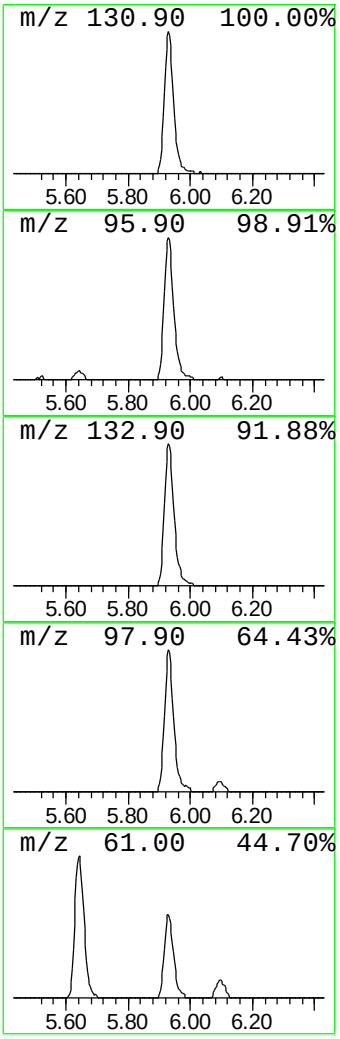
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	4.21 ug/L	72209	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	37
2	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	35
3	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	25
4	Benzoxazole, 2-methyl-	133	C8H7NO	000095-21-6	9
5	2H-Benzotriazole, 2-methyl-	133	C7H7N3	016584-00-2	9





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
unknown-01	5.93	4.2	ug/L	72209	1	5.64	858303	50.0