LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
Data File : VV018463.D
Acq On : 25 Sep 2020 18:09
Operator : SY/MD
Sample : L4108-16
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P9

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	215321	215815	15.45%	1.955%
2	1.579	144	152	167	rBV	171653	194268	13.91%	1.760%
3	2.123	310	321	366	rVB	353112	548506	39.27%	4.969%
4	2.319	373	382	387	rBV2	627	943	0.07%	0.009%
5	2.502	435	439	441	rBV3	346	261	0.02%	0.002%
6	2.531	441	448	449	rBV2	982	992	0.07%	0.009%
7	2.785	518	527	536	rVV4	1405	2882	0.21%	0.026%
8	3.065	603	614	626	rBV3	4620	9248	0.66%	0.084%
9	3.200	650	656	659	rBV2	179	166	0.01%	0.002%
10	3.528	751	758	762	rBV2	147	170	0.01%	0.002%
11	3.791	837	840	843	rVB3	406	283	0.02%	0.003%
12	3.917	868	879	920	rBV	89320	270420	19.36%	2.450%
13	4.376	1005	1022	1059	rBV	215875	535236	38.32%	4.849%
14	4.573	1080	1083	1089	rVB3	365	280	0.02%	0.003%
15	4.672	1109	1114	1117	rVB3	346	325	0.02%	0.003%
16	5.074	1219	1239	1267	rBV2	551017	1396714	100.00%	12.653%
17	5.640	1402	1415	1449	rBV	444840	886896	63.50%	8.034%
18	5.929	1494	1505	1525	rBV	32278	66356	4.75%	0.601%
19	6.093	1539	1556	1585	rBV	304530	618165	44.26%	5.600%
20	6.650	1726	1729	1738	rBV2	146	181	0.01%	0.002%
21	7.007	1829	1840	1873	rBV	177325	321788	23.04%	2.915%
22	7.273	1916	1923	1924	rBV2	547	512	0.04%	0.005%
23	7.338	1931	1943	1979	rBV	666145	1141736	81.74%	10.343%
24	7.579	2015	2018	2024	rVB2	200	209	0.01%	0.002%
25	7.643	2027	2038	2065	rBV	127757	218296	15.63%	1.978%
26	7.820	2091	2093	2097	rVB3	276	190	0.01%	0.002%
27	7.955	2125	2135	2136	rBV3	611	629	0.05%	0.006%
28	7.997	2145	2148	2157	rVB3	500	468	0.03%	0.004%
29	8.109	2172	2183	2227	rBV2	288677	565853	40.51%	5.126%
30	8.380	2264	2267	2270	rVB2	329	231	0.02%	0.002%
31	8.601	2333	2336	2342	rBV2	159	202	0.01%	0.002%
32	8.871	2409	2420	2460	rBV	672305	1088895	77.96%	9.864%
33	9.116	2491	2496	2499	rBV3	280	202	0.01%	0.002%
34	9.164	2505	2511	2512	rBV	1430	1109	0.08%	0.010%

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Instrument : MSVOA_V
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Integrator: RTE
Smoothing : OFF Filtering: 5
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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Title : VOC Analysis

35	9.232	2525	2532	2542	rBV4	1179	1937	0.14%	0.018%
36	9.347	2562	2568	2574	rBV2	182	214	0.02%	0.002%
37	9.495	2611	2614	2620	rVB3	643	649	0.05%	0.006%
38	9.566	2632	2636	2638	rBV3	557	527	0.04%	0.005%
39	9.595	2642	2645	2651	rVB3	393	367	0.03%	0.003%
40	9.650	2661	2662	2665	rVB	392	173	0.01%	0.002%
41	9.736	2682	2689	2693	rVB4	981	1251	0.09%	0.011%
42	9.865	2725	2729	2730	rBV2	442	280	0.02%	0.003%
43	9.955	2753	2757	2763	rBV2	403	439	0.03%	0.004%
44	10.042	2774	2784	2792	rBV4	1007	1354	0.10%	0.012%
45	10.109	2792	2805	2809	rBV4	1789	3040	0.22%	0.028%
46	10.142	2809	2815	2830	rVB3	4113	6395	0.46%	0.058%
47	10.238	2832	2845	2864	rBV	361866	571047	40.89%	5.173%
48	10.379	2885	2889	2890	rBV2	1494	977	0.07%	0.009%
49	10.473	2906	2918	2934	rBV3	5386	12453	0.89%	0.113%
50	10.534	2934	2937	2939	rVV2	794	676	0.05%	0.006%
51	10.563	2941	2946	2950	rVV4	2683	3457	0.25%	0.031%
52	10.601	2950	2958	2972	rVB2	14813	23222	1.66%	0.210%
53	10.685	2980	2984	2987	rBV	356	207	0.01%	0.002%
54	10.717	2987	2994	3001	rBV4	1159	1690	0.12%	0.015%
55	10.762	3004	3008	3012	rBV2	907	938	0.07%	0.008%
56	10.849	3033	3035	3036	rBV	709	272	0.02%	0.002%
57	10.900	3044	3051	3056	rBV3	3905	5200	0.37%	0.047%
58	10.939	3056	3063	3072	rVV2	9898	15169	1.09%	0.137%
59	10.974	3072	3074	3083	rVB6	1640	2009	0.14%	0.018%
60	11.051	3091	3098	3105	rBV4	1666	2303	0.16%	0.021%
61	11.087	3105	3109	3111	rBV3	382	283	0.02%	0.003%
62	11.100	3111	3113	3115	rBV2	303	197	0.01%	0.002%
63	11.122	3115	3120	3127	rVB4	1008	1178	0.08%	0.011%
64	11.174	3128	3136	3144	rVB4	2257	3473	0.25%	0.031%
65	11.219	3147	3150	3155	rVB6	711	720	0.05%	0.007%
66	11.270	3155	3166	3187	rBV	715574	1111305	79.57%	10.067%
67	11.395	3200	3205	3215	rVB5	4338	6412	0.46%	0.058%
68	11.486	3226	3233	3244	rVB4	3993	6166	0.44%	0.056%
69	11.559	3248	3256	3258	rBV5	1664	2258	0.16%	0.020%
70	11.646	3271	3283	3302	rBV	689125	1079705	77.30%	9.781%
71	11.810	3324	3334	3345	rBV	25116	37173	2.66%	0.337%

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ClientSampleId : BG3P9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Title : VOC Analysis

72	11.961	3367	3381	3389	rBV8	2209	4970	0.36%	0.045%
73	12.010	3390	3396	3399	rBV3	1292	1552	0.11%	0.014%
74	12.084	3415	3419	3421	rBV3	614	549	0.04%	0.005%
75	12.141	3432	3437	3445	rVB6	1615	2195	0.16%	0.020%
76	12.215	3456	3460	3466	rVB4	588	555	0.04%	0.005%
77	12.270	3469	3477	3479	rBV2	1573	1652	0.12%	0.015%
78	12.325	3488	3494	3497	rVB4	414	329	0.02%	0.003%
79	12.392	3502	3515	3521	rBV6	2997	5633	0.40%	0.051%
80	12.489	3539	3545	3551	rVV6	2450	3227	0.23%	0.029%
81	12.527	3551	3557	3563	rVV6	1666	2429	0.17%	0.022%
82	12.563	3563	3568	3571	rVB3	340	322	0.02%	0.003%
83	12.614	3578	3584	3594	rVB4	1402	1985	0.14%	0.018%
84	12.656	3594	3597	3598	rBV	452	247	0.02%	0.002%
85	12.666	3598	3600	3602	rBV2	397	256	0.02%	0.002%
86	12.756	3622	3628	3631	rBV4	246	234	0.02%	0.002%
87	12.852	3652	3658	3660	rBV2	263	236	0.02%	0.002%
88	12.910	3666	3676	3687	rBV2	7534	11352	0.81%	0.103%
89	12.987	3695	3700	3703	rBV2	361	317	0.02%	0.003%
90	13.061	3716	3723	3726	rBV4	1349	1514	0.11%	0.014%
91	13.293	3791	3795	3802	rBV3	538	641	0.05%	0.006%
92	13.498	3856	3859	3860	rBV2	478	279	0.02%	0.003%
93	13.624	3895	3898	3900	rBV2	263	174	0.01%	0.002%
94	13.640	3900	3903	3904	rBV3	309	188	0.01%	0.002%
95	13.778	3940	3946	3949	rVB3	534	611	0.04%	0.006%
96	13.858	3966	3971	3976	rVB3	262	293	0.02%	0.003%
97	13.884	3976	3979	3981	rBV2	250	171	0.01%	0.002%
98	13.923	3985	3991	3998	rVB3	2009	2609	0.19%	0.024%
99	14.865	4281	4284	4289	rBV3	632	597	0.04%	0.005%
100	15.698	4542	4543	4546	rBV2	443	178	0.01%	0.002%

Sum of corrected areas: 11038838

LSC Report - Integrated Chromatogram

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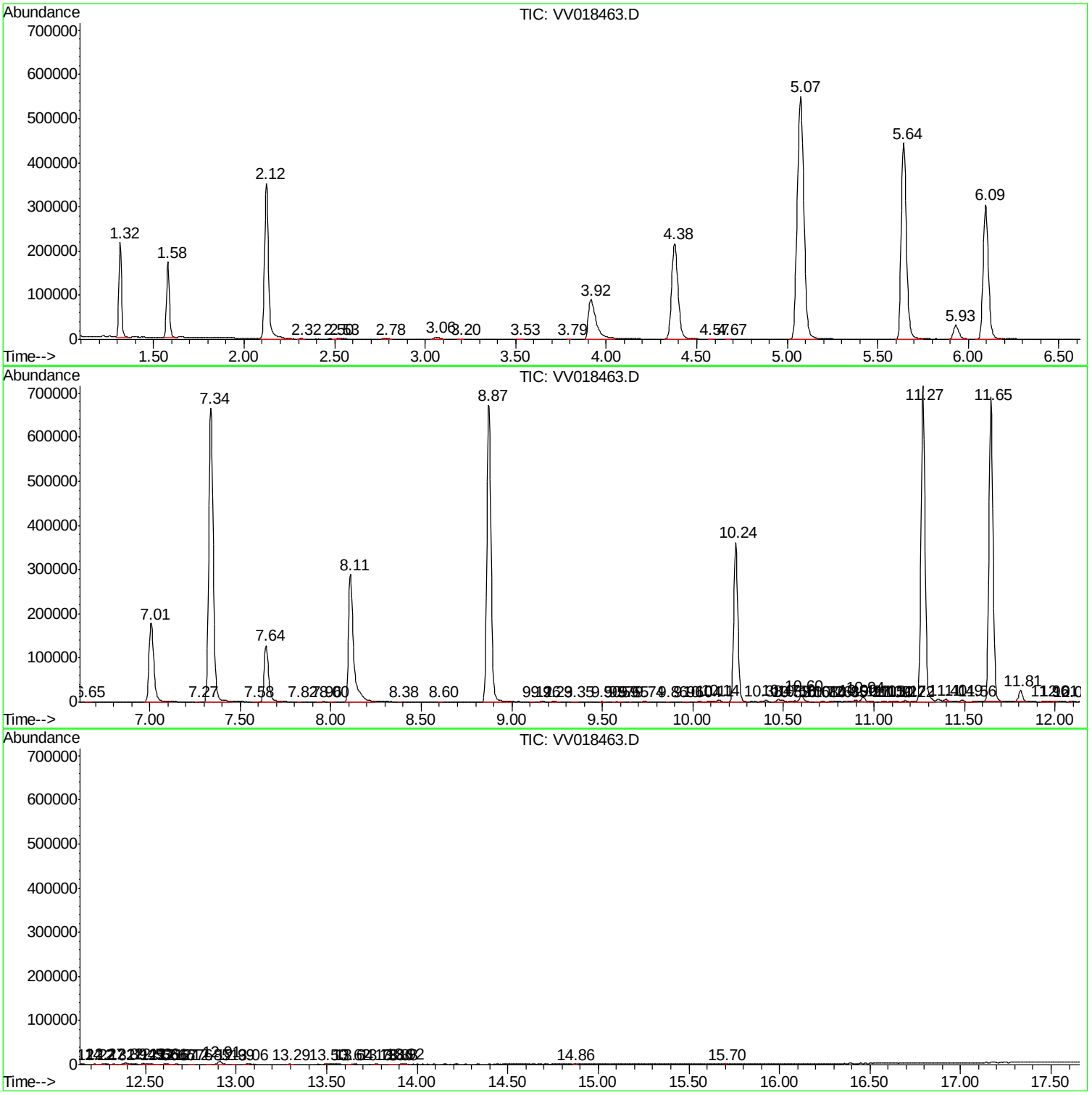
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3P9

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

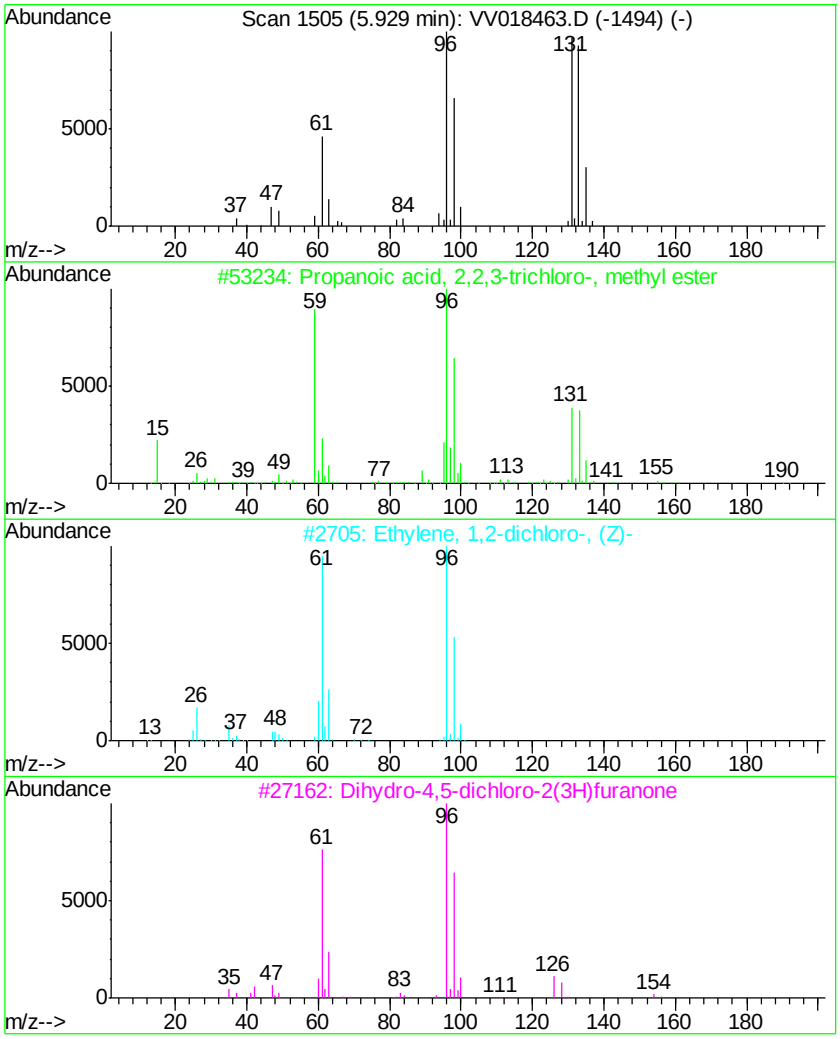
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

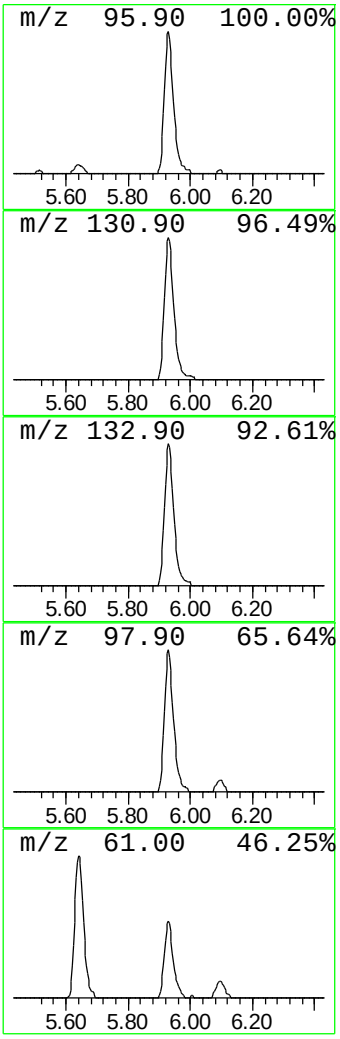
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	3.74 ug/L	66356	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	39
2	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
3	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
4	Benzonitrile, 4-methoxy-	133	C8H7NO	000874-90-8	9
5	2-Cyano-3,5-dimethylpyrazine	133	C7H7N3	124629-52-3	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	3.7	ug/L	66356	1	5.64	886896	50.0