LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
Data File : VV018462.D
Acq On : 25 Sep 2020 17:47
Operator : SY/MD
Sample : L4108-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3M1

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	1.116	4	8	17	rVB3	8673	8248	0.56%	0.077%
2	1.315	63	70	85	rVB	231075	227259	15.47%	2.117%
3	1.579	144	152	167	rBV	183990	206631	14.07%	1.925%
4	2.123	310	321	363	rVB	367622	573109	39.02%	5.338%
5	2.312	373	380	388	rVB2	1116	1762	0.12%	0.016%
6	2.389	402	404	409	rVB3	206	188	0.01%	0.002%
7	2.534	438	449	453	rBV4	1342	2474	0.17%	0.023%
8	2.727	504	509	515	rBV2	121	182	0.01%	0.002%
9	2.782	517	526	535	rVV2	1856	3159	0.22%	0.029%
10	2.987	580	590	598	rBV4	652	1161	0.08%	0.011%
11	3.065	603	614	629	rVB5	4662	9773	0.67%	0.091%
12	3.216	653	661	666	rBV3	686	1055	0.07%	0.010%
13	3.306	685	689	693	rBV	235	185	0.01%	0.002%
14	3.415	717	723	726	rBV2	163	182	0.01%	0.002%
15	3.791	834	840	844	rBV4	415	523	0.04%	0.005%
16	3.917	867	879	924	rBV2	94508	304368	20.72%	2.835%
17	4.376	1005	1022	1050	rBV	227889	557661	37.96%	5.195%
18	4.582	1083	1086	1093	rVB3	206	296	0.02%	0.003%
19	4.647	1102	1106	1110	rBV3	232	189	0.01%	0.002%
20	4.711	1118	1126	1129	rBV3	315	470	0.03%	0.004%
21	5.074	1220	1239	1250	rBV2	579662	1468889	100.00%	13.682%
22	5.386	1332	1336	1339	rBV3	281	276	0.02%	0.003%
23	5.409	1339	1343	1348	rVB3	324	341	0.02%	0.003%
24	5.643	1400	1416	1458	rBV	338547	679661	46.27%	6.331%
25	5.933	1494	1506	1528	rVV4	17290	37515	2.55%	0.349%
26	6.093	1542	1556	1584	rBV	321799	643215	43.79%	5.991%
27	6.277	1611	1613	1618	rVB3	514	323	0.02%	0.003%
28	6.460	1664	1670	1674	rBV	174	197	0.01%	0.002%
29	6.791	1770	1773	1779	rVB2	202	188	0.01%	0.002%
30	6.952	1821	1823	1829	rVB2	202	238	0.02%	0.002%
31	7.010	1829	1841	1866	rBV	185921	335597	22.85%	3.126%
32	7.238	1908	1912	1917	rVB2	299	262	0.02%	0.002%
33	7.267	1917	1921	1923	rBV2	398	321	0.02%	0.003%
34	7.280	1923	1925	1931	rVB2	437	356	0.02%	0.003%

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ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3M1

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
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Peak separation: 5

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

35	7.338	1931	1943	1964	rBV	691117	1187554	80.85%	11.062%
36	7.643	2026	2038	2069	rBV	130756	226956	15.45%	2.114%
37	7.830	2093	2096	2102	rVB2	345	404	0.03%	0.004%
38	7.859	2102	2105	2107	rBV2	266	187	0.01%	0.002%
39	7.962	2128	2137	2142	rVV5	1511	2209	0.15%	0.021%
40	8.000	2142	2149	2159	rVB3	4980	7702	0.52%	0.072%
41	8.109	2168	2183	2228	rBV	315199	598222	40.73%	5.572%
42	8.421	2278	2280	2285	rVB3	249	239	0.02%	0.002%
43	8.511	2305	2308	2312	rVB	268	203	0.01%	0.002%
44	8.695	2360	2365	2367	rBV	383	254	0.02%	0.002%
45	8.871	2409	2420	2451	rBV	508085	828446	56.40%	7.717%
46	9.161	2505	2510	2511	rBV	1131	693	0.05%	0.006%
47	9.228	2525	2531	2532	rBV3	1484	1331	0.09%	0.012%
48	9.392	2573	2582	2588	rVB2	139	223	0.02%	0.002%
49	9.498	2609	2615	2619	rBV4	694	768	0.05%	0.007%
50	9.576	2631	2639	2644	rBV4	649	830	0.06%	0.008%
51	9.730	2684	2687	2696	rVB4	945	1168	0.08%	0.011%
52	9.955	2751	2757	2763	rVB2	395	565	0.04%	0.005%
53	10.039	2777	2783	2789	rBV3	1009	1362	0.09%	0.013%
54	10.109	2793	2805	2809	rBV7	1716	3210	0.22%	0.030%
55	10.145	2810	2816	2827	rVB5	4149	6634	0.45%	0.062%
56	10.238	2832	2845	2863	rBV	411979	641853	43.70%	5.979%
57	10.405	2892	2897	2906	rVB3	3996	5576	0.38%	0.052%
58	10.473	2906	2918	2933	rBV	6894	13905	0.95%	0.130%
59	10.566	2940	2947	2950	rBV3	2648	3370	0.23%	0.031%
60	10.601	2950	2958	2971	rVB2	16125	25145	1.71%	0.234%
61	10.675	2978	2981	2987	rVB3	386	288	0.02%	0.003%
62	10.720	2987	2995	3001	rBV3	1642	2545	0.17%	0.024%
63	10.762	3003	3008	3014	rBV3	1098	1346	0.09%	0.013%
64	10.794	3014	3018	3027	rVB3	1050	1201	0.08%	0.011%
65	10.858	3030	3038	3043	rBV3	1577	2288	0.16%	0.021%
66	10.900	3043	3051	3056	rBV2	3975	5257	0.36%	0.049%
67	10.939	3056	3063	3072	rVB	10133	14018	0.95%	0.131%
68	11.051	3091	3098	3105	rBV5	1973	2958	0.20%	0.028%
69	11.087	3106	3109	3114	rVV2	773	796	0.05%	0.007%
70	11.119	3114	3119	3123	rVV4	1261	1559	0.11%	0.015%
71	11.170	3126	3135	3144	rBV4	3268	5368	0.37%	0.050%

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Instrument : MSVOA_V
ClientSampleId : BG3M1

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

72	11.222	3145	3151	3155	rVB5	768	841	0.06%	0.008%
73	11.270	3155	3166	3187	rBV	550089	843873	57.45%	7.861%
74	11.357	3189	3193	3200	rVV3	4758	6855	0.47%	0.064%
75	11.395	3200	3205	3217	rVB5	4378	6789	0.46%	0.063%
76	11.485	3227	3233	3241	rVB5	4006	5262	0.36%	0.049%
77	11.556	3249	3255	3257	rBV5	2553	2662	0.18%	0.025%
78	11.646	3271	3283	3301	rBV	722159	1121253	76.33%	10.444%
79	11.810	3321	3334	3343	rBV	25564	38766	2.64%	0.361%
80	11.961	3368	3381	3387	rBV7	2149	4390	0.30%	0.041%
81	12.084	3416	3419	3429	rBV6	625	988	0.07%	0.009%
82	12.145	3429	3438	3447	rVB5	1617	2653	0.18%	0.025%
83	12.219	3455	3461	3466	rVB3	646	678	0.05%	0.006%
84	12.267	3472	3476	3478	rBV2	1263	1047	0.07%	0.010%
85	12.321	3491	3493	3495	rVB2	436	185	0.01%	0.002%
86	12.389	3503	3514	3521	rBV6	3032	5581	0.38%	0.052%
87	12.485	3538	3544	3552	rBV6	2366	3449	0.23%	0.032%
88	12.524	3552	3556	3567	rVB4	1909	2441	0.17%	0.023%
89	12.611	3578	3583	3589	rBV2	1454	1755	0.12%	0.016%
90	12.669	3592	3601	3604	rBV6	501	729	0.05%	0.007%
91	12.910	3667	3676	3693	rVB4	7290	11916	0.81%	0.111%
92	13.019	3707	3710	3717	rVB2	372	402	0.03%	0.004%
93	13.064	3717	3724	3730	rBV4	1665	2407	0.16%	0.022%
94	13.289	3791	3794	3800	rVB3	547	596	0.04%	0.006%
95	13.444	3839	3842	3844	rVV	374	223	0.02%	0.002%
96	13.501	3857	3860	3864	rVB4	739	735	0.05%	0.007%
97	13.537	3864	3871	3873	rBV2	1256	1408	0.10%	0.013%
98	13.656	3904	3908	3914	rBV5	792	891	0.06%	0.008%
99	13.923	3984	3991	4005	rVB5	2419	3733	0.25%	0.035%
100	13.977	4005	4008	4009	rBV2	294	205	0.01%	0.002%

Sum of corrected areas: 10735600

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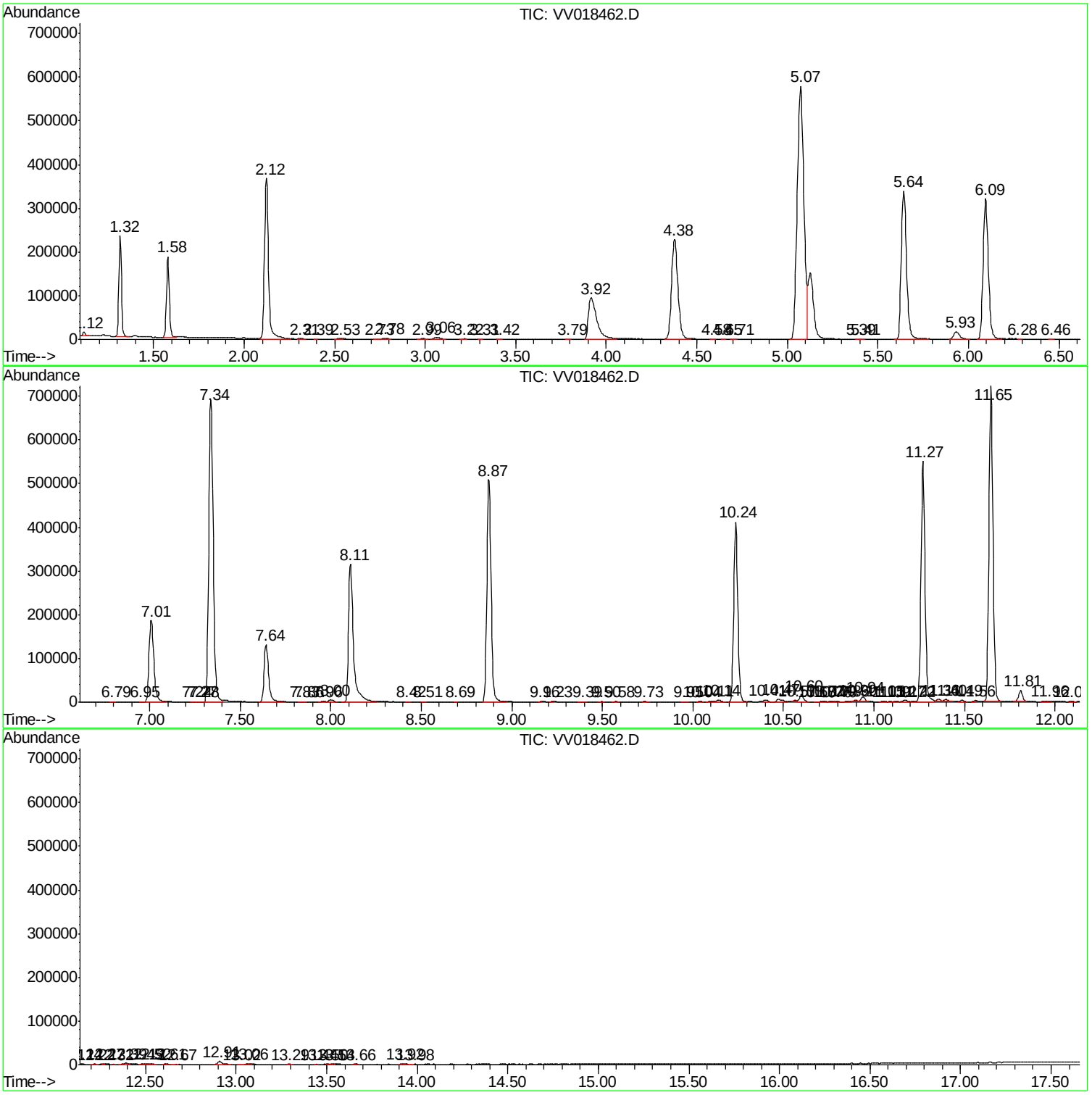
MSVOA_V
ClientSampleId :
BG3M1

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 : VV018462.D
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Instrument : MSVOA_V
ClientSampleId : BG3M1

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

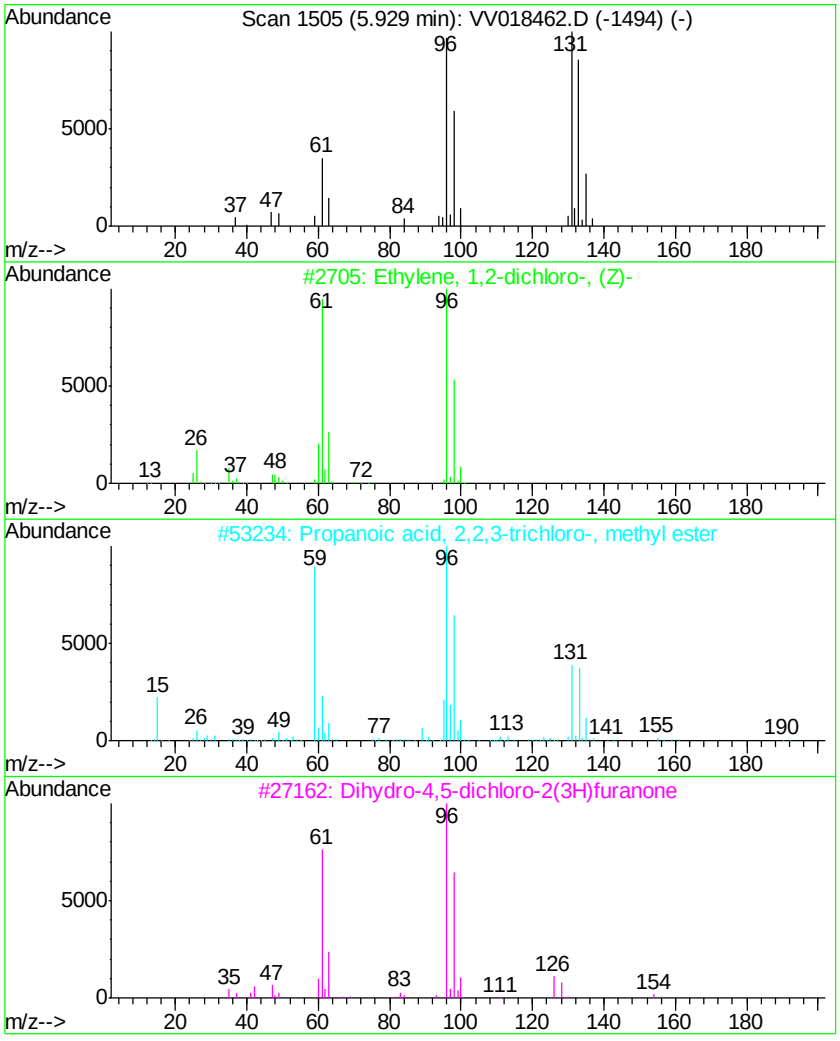
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

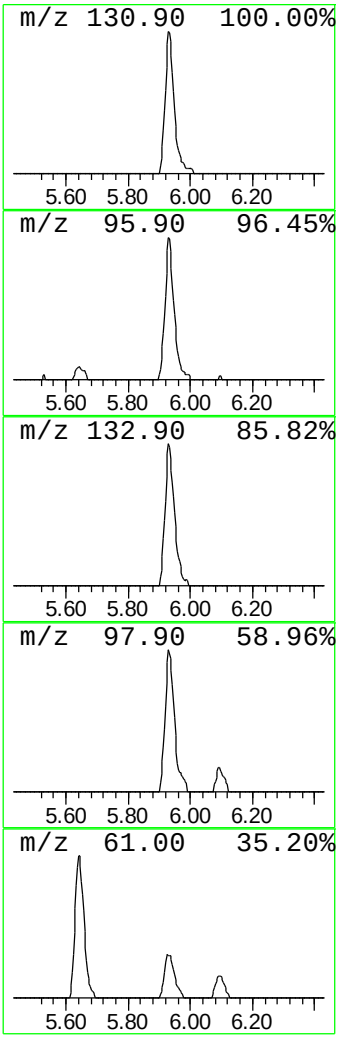
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.76 ug/L	37515	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	27
2	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	25
3	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	16
4	Benzene, fluoro-	96	C6H5F	000462-06-6	9
5	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	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	2.8	ug/L	37515	1	5.64	679661	50.0