LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
Data File : VV018465.D
Acq On : 25 Sep 2020 18:55
Operator : SY/MD
Sample : L4108-18
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Q9

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	87	rVB	213307	215096	15.50%	1.967%
2	1.579	144	152	170	rBV	172664	196905	14.19%	1.801%
3	2.123	310	321	364	rVB	348224	539245	38.85%	4.931%
4	2.360	392	395	399	rBV2	266	236	0.02%	0.002%
5	2.524	440	446	448	rBV3	1101	973	0.07%	0.009%
6	2.778	518	525	535	rVB4	1449	2614	0.19%	0.024%
7	3.000	588	594	597	rBV2	147	179	0.01%	0.002%
8	3.065	604	614	627	rVB3	4500	9038	0.65%	0.083%
9	3.782	833	837	844	rBV3	316	416	0.03%	0.004%
10	3.920	870	880	931	rBV2	83617	277366	19.98%	2.536%
11	4.376	1006	1022	1057	rBV	218080	536793	38.68%	4.909%
12	4.669	1110	1113	1119	rBV	223	244	0.02%	0.002%
13	4.701	1119	1123	1128	rVB4	185	221	0.02%	0.002%
14	5.074	1221	1239	1271	rBV2	546378	1387899	100.00%	12.692%
15	5.245	1290	1292	1295	rBV2	307	204	0.01%	0.002%
16	5.418	1343	1346	1348	rBV	255	201	0.01%	0.002%
17	5.499	1368	1371	1374	rBV2	283	240	0.02%	0.002%
18	5.643	1401	1416	1442	rBV	436540	870222	62.70%	7.958%
19	5.807	1465	1467	1471	rVB	273	215	0.02%	0.002%
20	5.929	1493	1505	1533	rVB2	34308	72959	5.26%	0.667%
21	6.093	1543	1556	1585	rBV	304361	614936	44.31%	5.623%
22	6.495	1677	1681	1684	rBV2	213	176	0.01%	0.002%
23	6.518	1684	1688	1693	rVV2	213	247	0.02%	0.002%
24	6.746	1755	1759	1763	rVB2	180	173	0.01%	0.002%
25	6.781	1763	1770	1772	rBV2	174	201	0.01%	0.002%
26	6.830	1777	1785	1792	rBV2	151	239	0.02%	0.002%
27	7.010	1828	1841	1874	rBV	174388	318507	22.95%	2.913%
28	7.174	1890	1892	1903	rVB3	544	769	0.06%	0.007%
29	7.225	1903	1908	1912	rBV3	315	376	0.03%	0.003%
30	7.261	1916	1919	1920	rBV	382	249	0.02%	0.002%
31	7.283	1924	1926	1929	rVB	410	215	0.02%	0.002%
32	7.338	1930	1943	1964	rBV	664515	1135842	81.84%	10.387%
33	7.643	2028	2038	2071	rBV	126583	215857	15.55%	1.974%
34	7.949	2129	2133	2135	rBV	194	180	0.01%	0.002%

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ALS Vial : 26 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	8.010	2146	2152	2155	rVV2	415	407	0.03%	0.004%
36	8.109	2172	2183	2229	rBV2	285282	573185	41.30%	5.242%
37	8.521	2306	2311	2312	rBV2	264	203	0.01%	0.002%
38	8.582	2324	2330	2334	rBV2	177	225	0.02%	0.002%
39	8.875	2409	2421	2447	rBV	657963	1070252	77.11%	9.787%
40	9.170	2503	2513	2524	rBV4	1311	2324	0.17%	0.021%
41	9.228	2525	2531	2539	rVV3	981	1293	0.09%	0.012%
42	9.492	2610	2613	2617	rVV2	254	235	0.02%	0.002%
43	9.569	2629	2637	2643	rBV3	532	702	0.05%	0.006%
44	9.595	2643	2645	2650	rVB2	405	253	0.02%	0.002%
45	9.733	2684	2688	2699	rVB2	1017	1265	0.09%	0.012%
46	9.823	2713	2716	2719	rVB2	286	191	0.01%	0.002%
47	9.865	2725	2729	2733	rBV5	422	435	0.03%	0.004%
48	9.958	2752	2758	2764	rVB2	420	389	0.03%	0.004%
49	10.039	2776	2783	2792	rVB4	680	1054	0.08%	0.010%
50	10.093	2795	2800	2801	rVV2	900	791	0.06%	0.007%
51	10.109	2802	2805	2809	rVV3	1436	1515	0.11%	0.014%
52	10.145	2809	2816	2827	rVB6	3606	5863	0.42%	0.054%
53	10.238	2833	2845	2862	rBV	357583	563231	40.58%	5.151%
54	10.389	2881	2892	2895	rBV4	1513	2714	0.20%	0.025%
55	10.473	2905	2918	2923	rBV2	4911	7476	0.54%	0.068%
56	10.563	2938	2946	2949	rBV4	1843	2236	0.16%	0.020%
57	10.601	2950	2958	2971	rVB2	12620	19984	1.44%	0.183%
58	10.678	2978	2982	2983	rBV2	309	200	0.01%	0.002%
59	10.720	2988	2995	3001	rBV5	923	1494	0.11%	0.014%
60	10.765	3004	3009	3014	rVV3	906	906	0.07%	0.008%
61	10.801	3014	3020	3025	rVB4	779	897	0.06%	0.008%
62	10.858	3032	3038	3044	rVB6	1154	1500	0.11%	0.014%
63	10.900	3044	3051	3057	rBV3	4001	5551	0.40%	0.051%
64	10.939	3057	3063	3073	rVB2	8266	11633	0.84%	0.106%
65	11.058	3092	3100	3106	rBV5	1514	2324	0.17%	0.021%
66	11.119	3115	3119	3126	rVB5	1119	1161	0.08%	0.011%
67	11.174	3128	3136	3145	rVB6	2480	3864	0.28%	0.035%
68	11.222	3146	3151	3155	rVB5	689	654	0.05%	0.006%
69	11.270	3155	3166	3187	rBV	709556	1083285	78.05%	9.906%
70	11.357	3189	3193	3200	rVV5	4361	6331	0.46%	0.058%
71	11.395	3200	3205	3216	rVV4	4372	7079	0.51%	0.065%

LSC Area Percent Report

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ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Q9

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

72	11.447	3216	3221	3226	rVV4	964	1125	0.08%	0.010%
73	11.482	3226	3232	3244	rVB6	3650	5410	0.39%	0.049%
74	11.556	3251	3255	3256	rBV	831	526	0.04%	0.005%
75	11.595	3265	3267	3270	rBV2	460	233	0.02%	0.002%
76	11.646	3270	3283	3307	rVV	683453	1070877	77.16%	9.793%
77	11.810	3321	3334	3344	rBV	22945	34198	2.46%	0.313%
78	11.939	3368	3374	3376	rBV2	1078	1012	0.07%	0.009%
79	11.961	3376	3381	3389	rVB5	1896	2595	0.19%	0.024%
80	12.016	3389	3398	3412	rVB6	1992	4698	0.34%	0.043%
81	12.074	3412	3416	3418	rBV2	598	471	0.03%	0.004%
82	12.145	3431	3438	3444	rVB5	1585	2354	0.17%	0.022%
83	12.209	3454	3458	3460	rBV2	385	307	0.02%	0.003%
84	12.276	3474	3479	3480	rVV2	907	812	0.06%	0.007%
85	12.321	3490	3493	3498	rVB4	312	223	0.02%	0.002%
86	12.392	3502	3515	3520	rBV5	2651	4550	0.33%	0.042%
87	12.489	3537	3545	3550	rBV6	1822	2495	0.18%	0.023%
88	12.524	3552	3556	3564	rVB5	1722	2178	0.16%	0.020%
89	12.614	3577	3584	3592	rVB4	1275	1644	0.12%	0.015%
90	12.669	3597	3601	3606	rBV3	668	596	0.04%	0.005%
91	12.910	3665	3676	3689	rBV2	6794	10369	0.75%	0.095%
92	12.987	3696	3700	3702	rBV2	284	214	0.02%	0.002%
93	13.064	3719	3724	3727	rBV2	1083	1133	0.08%	0.010%
94	13.466	3846	3849	3852	rVB2	327	183	0.01%	0.002%
95	13.498	3853	3859	3860	rBV2	443	388	0.03%	0.004%
96	13.530	3864	3869	3870	rBV3	744	598	0.04%	0.005%
97	13.566	3878	3880	3884	rVB3	309	211	0.02%	0.002%
98	13.656	3906	3908	3914	rVB2	540	544	0.04%	0.005%
99	13.878	3974	3977	3982	rVB2	307	283	0.02%	0.003%
100	13.923	3985	3991	3998	rBV5	1993	2698	0.19%	0.025%

Sum of corrected areas: 10935260

LSC Report - Integrated Chromatogram

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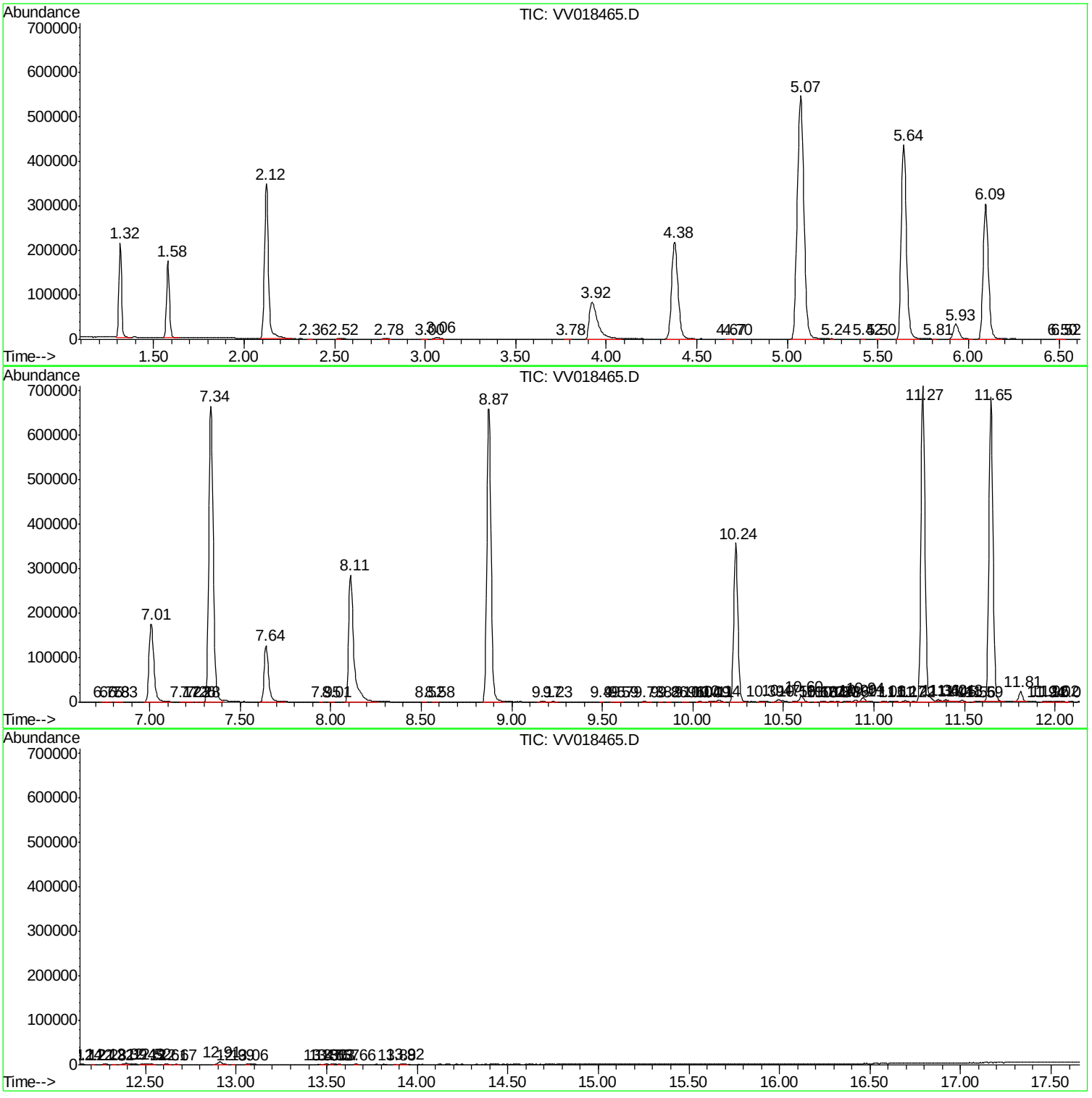
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Q9

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 : VV018465.D
Acq On : 25 Sep 2020 18:55
Operator : SY/MD
Sample : L4108-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Q9

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

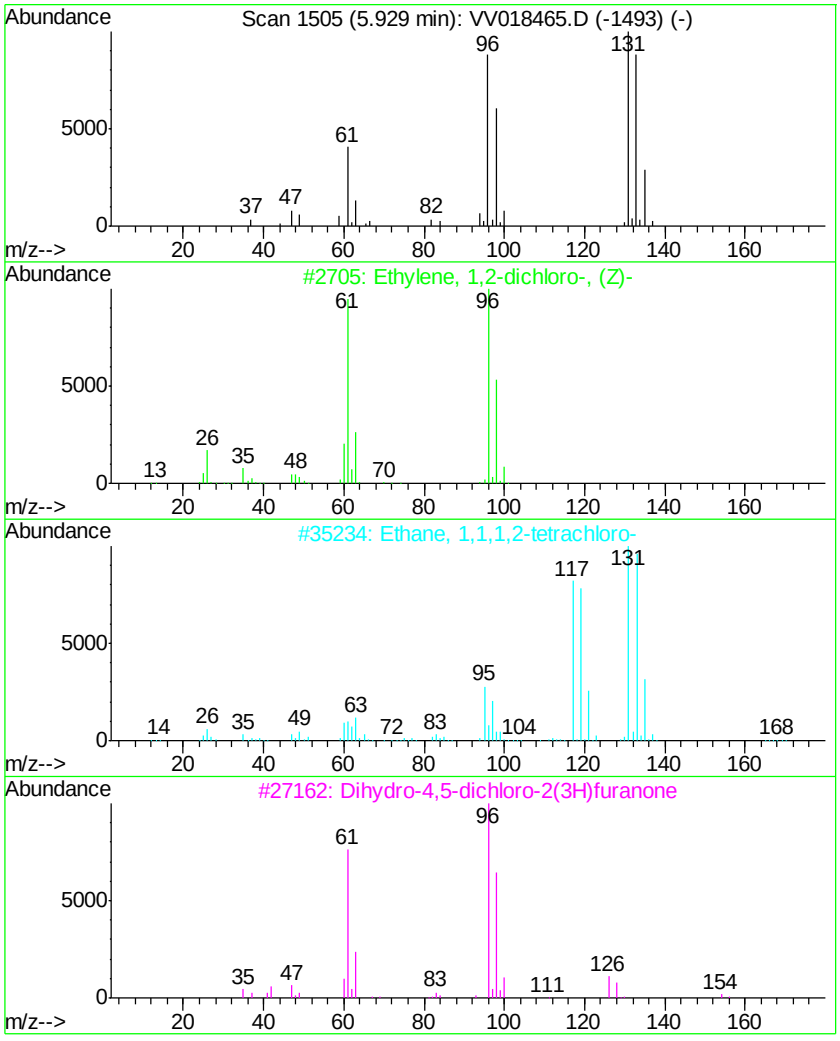
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

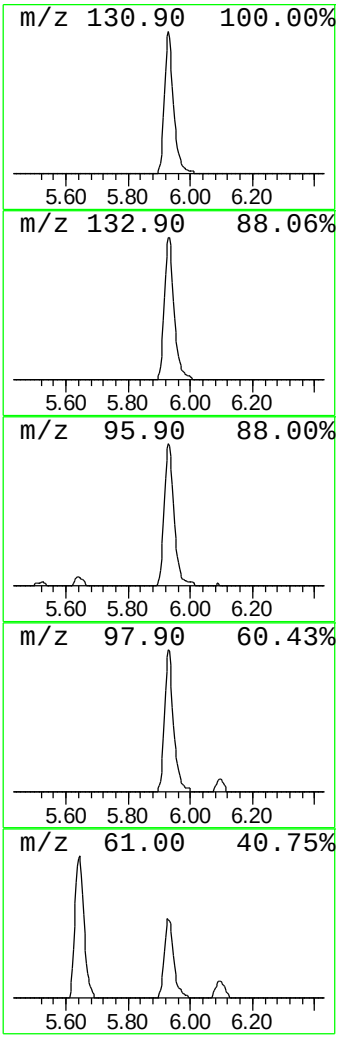
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	4.19 ug/L	72959	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	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	25
3	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
4	2H-Benzotriazole, 2-methyl-	133	C7H7N3	016584-00-2	9
5	Benzonitrile, 4-methoxy-	133	C8H7NO	000874-90-8	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	72959	1	5.64	870222	50.0