LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093020\
Data File : VV018558.D
Acq On : 30 Sep 2020 10:45
Operator : SY/MD
Sample : L4141-05DL 500X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0FG6DL

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\SOMVLM092920WMA.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	64	70	79	rVB	148266	147512	9.20%	1.329%
2	1.579	145	152	166	rVB	147734	161210	10.06%	1.452%
3	2.122	311	321	357	rVB	293326	457655	28.56%	4.122%
4	2.528	439	447	454	rBV7	1670	2819	0.18%	0.025%
5	2.598	465	469	475	rBV2	442	467	0.03%	0.004%
6	2.630	475	479	480	rBV	237	166	0.01%	0.001%
7	2.788	521	528	533	rVB6	911	1273	0.08%	0.011%
8	2.981	584	588	592	rBV	190	198	0.01%	0.002%
9	3.061	606	613	616	rBV6	1550	1964	0.12%	0.018%
10	3.187	646	652	658	rBV2	317	367	0.02%	0.003%
11	3.341	698	700	704	rVB2	170	122	0.01%	0.001%
12	3.389	709	715	718	rBV2	332	325	0.02%	0.003%
13	3.425	723	726	727	rBV	371	190	0.01%	0.002%
14	3.505	749	751	758	rVB2	314	235	0.01%	0.002%
15	3.550	758	765	766	rBV2	246	231	0.01%	0.002%
16	3.579	772	774	779	rVB	288	159	0.01%	0.001%
17	3.685	804	807	810	rVB2	411	261	0.02%	0.002%
18	3.717	810	817	820	rBV	287	277	0.02%	0.002%
19	3.794	836	841	844	rVB	214	167	0.01%	0.002%
20	3.810	844	846	847	rBV	381	118	0.01%	0.001%
21	3.917	868	879	916	rBV	80221	253029	15.79%	2.279%
22	4.376	1004	1022	1053	rBV	198544	490421	30.60%	4.417%
23	4.675	1113	1115	1118	rVB2	223	114	0.01%	0.001%
24	4.753	1136	1139	1143	rBV3	261	241	0.02%	0.002%
25	4.772	1143	1145	1149	rBV	255	212	0.01%	0.002%
26	4.810	1155	1157	1160	rVB	285	133	0.01%	0.001%
27	4.852	1163	1170	1173	rBV3	716	992	0.06%	0.009%
28	4.936	1192	1196	1199	rVB2	347	215	0.01%	0.002%
29	4.955	1199	1202	1204	rBV	233	118	0.01%	0.001%
30	5.071	1221	1238	1252	rBV2	482670	1246566	77.78%	11.228%
31	5.280	1301	1303	1305	rBV	641	438	0.03%	0.004%
32	5.402	1339	1341	1342	rBV	254	124	0.01%	0.001%
33	5.457	1353	1358	1359	rBV2	251	168	0.01%	0.002%
34	5.473	1360	1363	1366	rBV2	277	158	0.01%	0.001%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Title : VOC Analysis

35	5.518	1373	1377	1379	rBV3	330	223	0.01%	0.002%
36	5.531	1379	1381	1383	rVB2	269	120	0.01%	0.001%
37	5.640	1403	1415	1447	rBV	419211	827512	51.63%	7.453%
38	5.929	1495	1505	1528	rVB2	30247	64206	4.01%	0.578%
39	6.016	1528	1532	1535	rBV2	326	262	0.02%	0.002%
40	6.093	1541	1556	1578	rBV	274054	552549	34.48%	4.977%
41	6.296	1617	1619	1625	rVB2	280	284	0.02%	0.003%
42	6.370	1640	1642	1646	rVB	371	171	0.01%	0.002%
43	6.396	1646	1650	1651	rBV	224	130	0.01%	0.001%
44	6.540	1692	1695	1697	rBV2	229	127	0.01%	0.001%
45	6.579	1701	1707	1710	rBV2	361	328	0.02%	0.003%
46	6.643	1725	1727	1730	rBV2	186	110	0.01%	0.001%
47	6.659	1730	1732	1737	rVB2	279	232	0.01%	0.002%
48	6.682	1737	1739	1741	rBV2	307	172	0.01%	0.002%
49	6.826	1782	1784	1786	rBV	273	127	0.01%	0.001%
50	7.006	1829	1840	1859	rBV	158110	287756	17.95%	2.592%
51	7.199	1898	1900	1902	rVB2	271	110	0.01%	0.001%
52	7.235	1909	1911	1916	rBV	352	216	0.01%	0.002%
53	7.273	1916	1923	1926	rBV4	546	614	0.04%	0.006%
54	7.338	1930	1943	1969	rBV	595693	1013077	63.21%	9.125%
55	7.643	2025	2038	2066	rBV	114625	201201	12.55%	1.812%
56	7.936	2126	2129	2131	rBV2	188	136	0.01%	0.001%
57	8.000	2144	2149	2159	rVB5	1734	2592	0.16%	0.023%
58	8.109	2172	2183	2214	rBV2	264915	518011	32.32%	4.666%
59	8.399	2271	2273	2275	rBV	363	156	0.01%	0.001%
60	8.444	2283	2287	2292	rBV4	472	478	0.03%	0.004%
61	8.534	2312	2315	2318	rVB4	261	159	0.01%	0.001%
62	8.569	2324	2326	2331	rVB2	291	145	0.01%	0.001%
63	8.640	2345	2348	2350	rBV	139	114	0.01%	0.001%
64	8.875	2409	2421	2425	rBV	673073	1047075	65.33%	9.431%
65	9.119	2493	2497	2502	rBV2	366	326	0.02%	0.003%
66	9.170	2510	2513	2522	rVB4	966	1169	0.07%	0.011%
67	9.219	2522	2528	2533	rBV2	345	393	0.02%	0.004%
68	9.273	2542	2545	2548	rVB	303	148	0.01%	0.001%
69	9.293	2548	2551	2554	rBV	230	148	0.01%	0.001%
70	9.312	2554	2557	2558	rBV	381	212	0.01%	0.002%
71	9.402	2582	2585	2588	rBV2	219	114	0.01%	0.001%

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ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0FG6DL

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\SOMVLM092920WMA.M
Title : VOC Analysis

72	9.421	2588	2591	2594	rBV2	162	130	0.01%	0.001%
73	9.505	2614	2617	2619	rVV2	238	139	0.01%	0.001%
74	9.611	2648	2650	2656	rVB2	318	216	0.01%	0.002%
75	9.797	2705	2708	2711	rBV2	303	176	0.01%	0.002%
76	9.829	2715	2718	2722	rBV2	386	283	0.02%	0.003%
77	9.855	2725	2726	2731	rVB2	220	139	0.01%	0.001%
78	9.897	2734	2739	2742	rBV2	332	277	0.02%	0.002%
79	10.045	2782	2785	2787	rBV	223	152	0.01%	0.001%
80	10.077	2793	2795	2797	rBV	340	152	0.01%	0.001%
81	10.148	2813	2817	2821	rBV2	304	247	0.02%	0.002%
82	10.238	2833	2845	2866	rBV	333849	529765	33.06%	4.772%
83	10.383	2889	2890	2895	rVV2	377	209	0.01%	0.002%
84	10.411	2897	2899	2902	rVB2	334	152	0.01%	0.001%
85	10.614	2959	2962	2966	rBV2	370	369	0.02%	0.003%
86	10.939	3057	3063	3066	rBV2	1019	1056	0.07%	0.010%
87	11.206	3136	3146	3155	rBV	36653	56665	3.54%	0.510%
88	11.270	3155	3166	3191	rVB2	714212	1493430	93.18%	13.451%
89	11.649	3269	3284	3311	rBV3	748238	1602654	100.00%	14.435%
90	11.849	3344	3346	3349	rBV2	254	142	0.01%	0.001%
91	12.325	3491	3494	3495	rBV2	246	123	0.01%	0.001%
92	12.672	3597	3602	3610	rVB3	939	1270	0.08%	0.011%
93	12.942	3682	3686	3689	rBV2	378	346	0.02%	0.003%
94	13.032	3711	3714	3720	rBV3	382	283	0.02%	0.003%
95	13.196	3763	3765	3766	rBV	236	121	0.01%	0.001%
96	13.286	3783	3793	3807	rBV2	60199	95361	5.95%	0.859%
97	13.357	3813	3815	3816	rBV	281	117	0.01%	0.001%
98	13.771	3935	3944	3959	rVB2	15533	24040	1.50%	0.217%
99	13.852	3965	3969	3972	rBV3	498	445	0.03%	0.004%
100	15.987	4630	4633	4641	rVB	7163	4501	0.28%	0.041%

Sum of corrected areas: 11102508

LSC Report - Integrated Chromatogram

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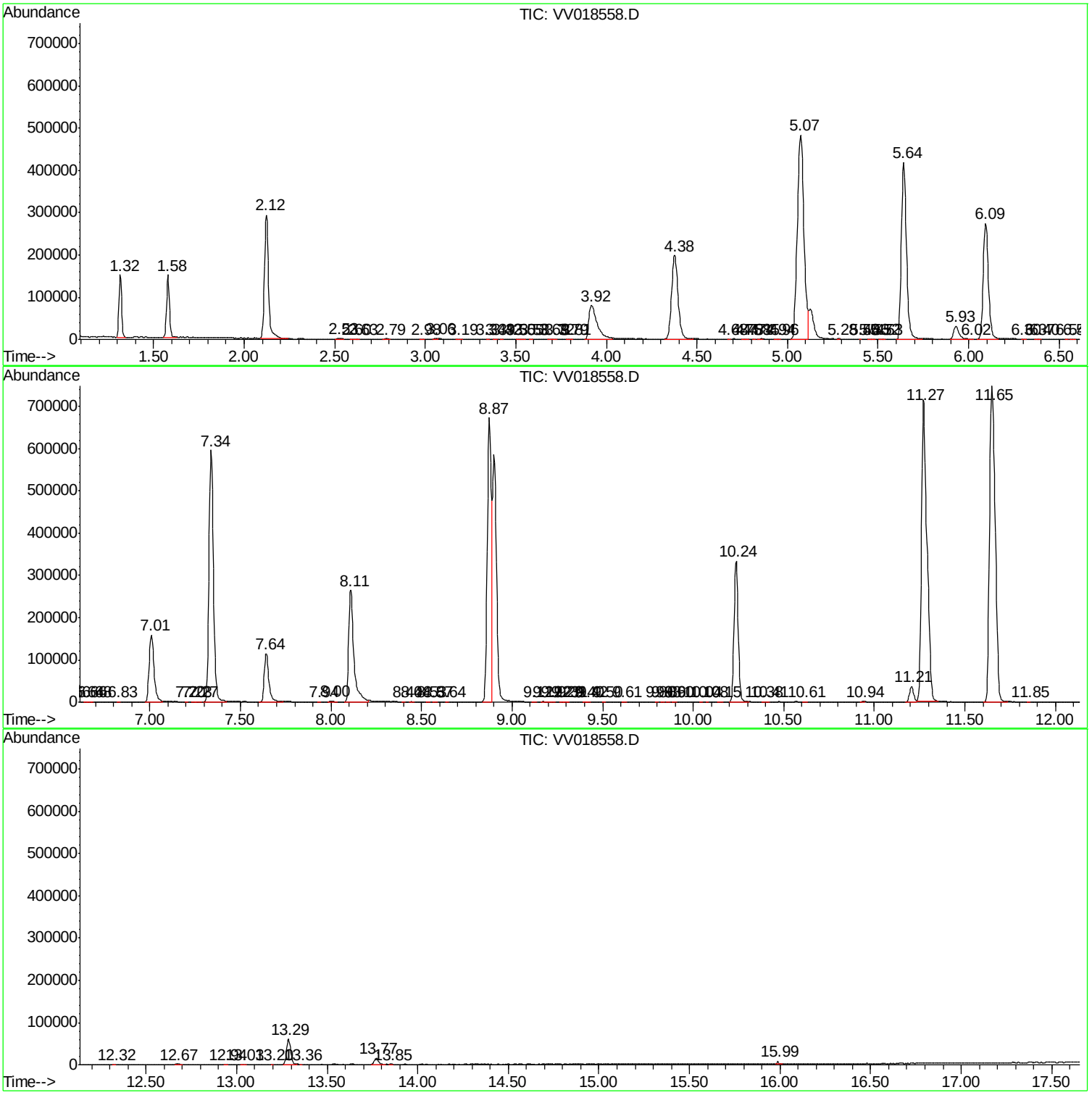
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0FG6DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.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\VV093020\
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Acq On : 30 Sep 2020 10:45
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Sample : L4141-05DL 500X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0FG6DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

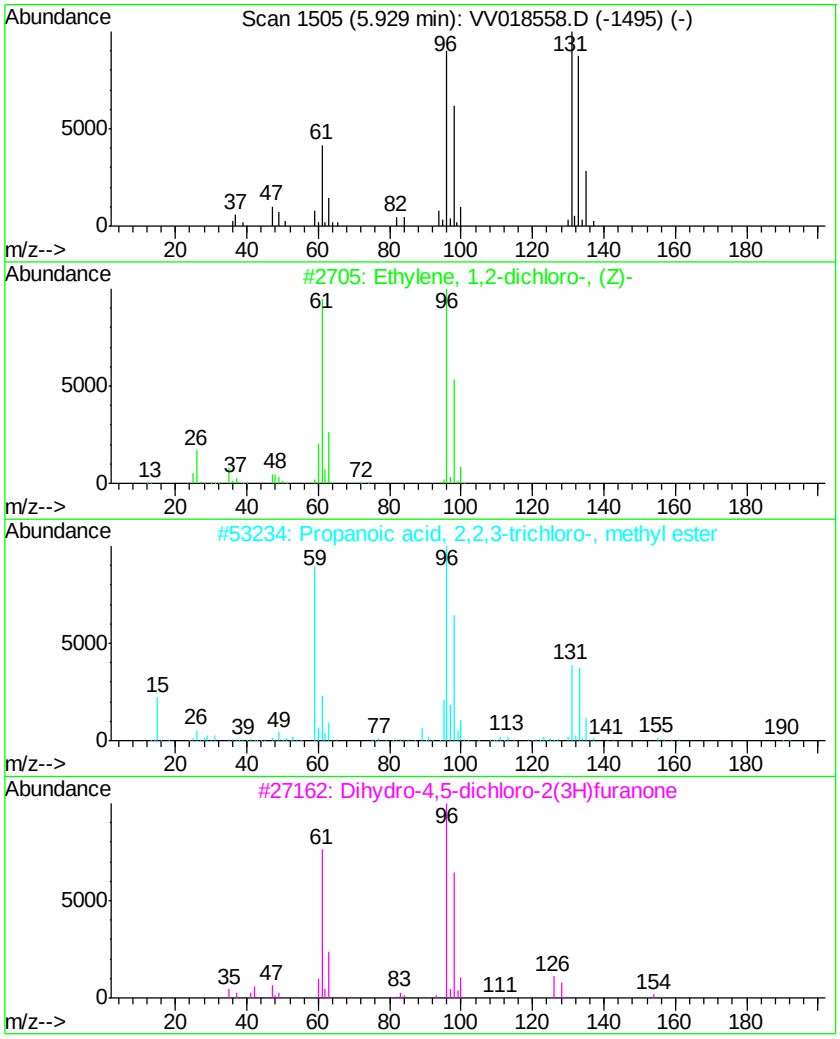
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

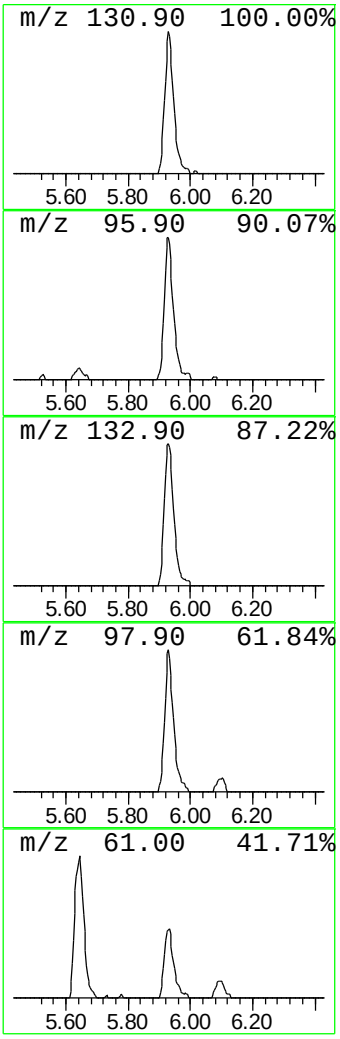
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	3.88 ug/L	64206	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	25
4	Carbamic acid, acetylthio-, O-me...	133	C4H7NO2S	016696-87-0	10
5	Pyrimidine, 4-hydroxy-	96	C4H4N2O	051953-18-5	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	3.9	ug/L	64206	1	5.64	827512	50.0