LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018539.D
Acq On : 30 Sep 2020 00:35
Operator : SY/MD
Sample : L4141-06
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0FG7

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	63	70	85	rVB	171551	171444	12.26%	1.561%
2	1.579	145	152	164	rVB	153985	175035	12.51%	1.593%
3	2.122	311	321	363	rVB	321881	510865	36.52%	4.650%
4	2.692	495	498	501	rBV3	479	275	0.02%	0.003%
5	2.724	507	508	510	rVB	446	138	0.01%	0.001%
6	2.743	510	514	517	rBV2	808	603	0.04%	0.005%
7	2.759	517	519	521	rBV	614	372	0.03%	0.003%
8	2.878	552	556	557	rBV	202	135	0.01%	0.001%
9	2.904	560	564	568	rBV2	362	265	0.02%	0.002%
10	2.930	569	572	574	rBV2	371	256	0.02%	0.002%
11	2.978	586	587	590	rBV2	368	196	0.01%	0.002%
12	3.065	602	614	629	rBV4	4526	9317	0.67%	0.085%
13	3.193	652	654	657	rBV2	368	198	0.01%	0.002%
14	3.338	695	699	701	rBV2	167	131	0.01%	0.001%
15	3.470	737	740	744	rVB	361	180	0.01%	0.002%
16	3.492	745	747	752	rVB2	247	162	0.01%	0.001%
17	3.634	788	791	794	rBV	207	120	0.01%	0.001%
18	3.679	803	805	806	rBV	177	45	0.00%	0.000%
19	3.704	810	813	815	rVV3	689	476	0.03%	0.004%
20	3.730	819	821	822	rVB	165	63	0.00%	0.001%
21	3.849	855	858	861	rBB	219	130	0.01%	0.001%
22	3.865	861	863	866	rVB	393	176	0.01%	0.002%
23	3.917	866	879	922	rBV	94654	294216	21.03%	2.678%
24	4.376	1006	1022	1051	rBV	221927	549133	39.26%	4.999%
25	4.566	1079	1081	1083	rVB2	587	238	0.02%	0.002%
26	4.598	1086	1091	1096	rVB3	529	543	0.04%	0.005%
27	4.685	1116	1118	1121	rVB2	341	178	0.01%	0.002%
28	4.704	1121	1124	1126	rBV	399	275	0.02%	0.003%
29	4.756	1138	1140	1144	rVB	302	198	0.01%	0.002%
30	4.785	1144	1149	1150	rBV2	326	297	0.02%	0.003%
31	4.820	1157	1160	1162	rBV2	137	81	0.01%	0.001%
32	4.839	1162	1166	1170	rVB2	398	338	0.02%	0.003%
33	4.868	1170	1175	1177	rBV	277	208	0.01%	0.002%
34	4.901	1180	1185	1186	rBV	342	234	0.02%	0.002%

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ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0FG7

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\SOMVLM092920WMA.M
Title : VOC Analysis

35	4.933	1191	1195	1200	rVV3	515	485	0.03%	0.004%
36	4.968	1204	1206	1210	rBV2	293	185	0.01%	0.002%
37	4.987	1210	1212	1213	rVB2	183	54	0.00%	0.000%
38	5.071	1220	1238	1269	rBV2	545298	1398863	100.00%	12.733%
39	5.389	1335	1337	1343	rVB2	538	349	0.02%	0.003%
40	5.425	1346	1348	1351	rVB3	396	252	0.02%	0.002%
41	5.521	1375	1378	1381	rVB3	397	301	0.02%	0.003%
42	5.566	1389	1392	1396	rBV2	261	173	0.01%	0.002%
43	5.592	1398	1400	1403	rBV2	314	213	0.02%	0.002%
44	5.640	1403	1415	1453	rBV	445059	893896	63.90%	8.137%
45	5.929	1494	1505	1527	rBV	44926	93751	6.70%	0.853%
46	6.093	1543	1556	1582	rBV	311942	628752	44.95%	5.723%
47	6.347	1633	1635	1636	rBV	329	147	0.01%	0.001%
48	6.392	1647	1649	1652	rVB3	295	145	0.01%	0.001%
49	6.421	1657	1658	1659	rBV	275	72	0.01%	0.001%
50	6.457	1667	1669	1672	rVB	370	132	0.01%	0.001%
51	6.476	1673	1675	1677	rVB2	250	88	0.01%	0.001%
52	6.505	1681	1684	1686	rBV	145	83	0.01%	0.001%
53	6.521	1686	1689	1691	rBV	181	127	0.01%	0.001%
54	6.753	1757	1761	1763	rBV	294	223	0.02%	0.002%
55	6.810	1777	1779	1780	rBV	286	114	0.01%	0.001%
56	6.868	1795	1797	1798	rBV	166	56	0.00%	0.001%
57	6.904	1804	1808	1810	rBV2	334	253	0.02%	0.002%
58	7.007	1829	1840	1860	rBV	174556	314635	22.49%	2.864%
59	7.235	1909	1911	1913	rVB	435	149	0.01%	0.001%
60	7.248	1913	1915	1916	rBV	509	204	0.01%	0.002%
61	7.338	1931	1943	1963	rBV	666513	1143736	81.76%	10.411%
62	7.643	2028	2038	2063	rBV	124393	217791	15.57%	1.982%
63	7.888	2112	2114	2117	rVV2	384	168	0.01%	0.002%
64	7.916	2121	2123	2126	rBV2	272	141	0.01%	0.001%
65	7.958	2131	2136	2140	rBV2	799	798	0.06%	0.007%
66	8.006	2143	2151	2161	rVB6	2808	5046	0.36%	0.046%
67	8.045	2161	2163	2164	rBV	188	63	0.00%	0.001%
68	8.064	2166	2169	2172	rBV2	360	251	0.02%	0.002%
69	8.109	2172	2183	2222	rBV2	298222	607666	43.44%	5.531%
70	8.473	2290	2296	2301	rBV4	512	741	0.05%	0.007%
71	8.585	2328	2331	2332	rBV4	330	129	0.01%	0.001%

LSC Area Percent Report

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Sample : L4141-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0FG7

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	8.656	2350	2353	2355	rBV2	233	116	0.01%	0.001%
73	8.788	2391	2394	2396	rBV2	277	159	0.01%	0.001%
74	8.871	2407	2420	2446	rBV	679137	1114488	79.67%	10.145%
75	9.167	2509	2512	2515	rBV	618	346	0.02%	0.003%
76	9.219	2526	2528	2531	rVB2	327	180	0.01%	0.002%
77	9.354	2565	2570	2576	rBV2	281	422	0.03%	0.004%
78	9.502	2613	2616	2619	rBV2	238	175	0.01%	0.002%
79	9.621	2651	2653	2655	rBV	371	172	0.01%	0.002%
80	9.823	2713	2716	2717	rBV	252	124	0.01%	0.001%
81	9.833	2717	2719	2722	rVV	234	151	0.01%	0.001%
82	9.920	2744	2746	2747	rBV	296	132	0.01%	0.001%
83	10.045	2777	2785	2794	rBV6	2259	3424	0.24%	0.031%
84	10.183	2825	2828	2830	rBV	247	159	0.01%	0.001%
85	10.238	2832	2845	2864	rVV	370385	576059	41.18%	5.244%
86	10.440	2905	2908	2912	rBV	429	370	0.03%	0.003%
87	10.556	2941	2944	2945	rBV2	615	331	0.02%	0.003%
88	10.601	2953	2958	2967	rVB5	2536	3783	0.27%	0.034%
89	10.653	2972	2974	2975	rBV5	186	67	0.00%	0.001%
90	10.723	2991	2996	2997	rBV	377	286	0.02%	0.003%
91	10.756	3003	3006	3007	rBV	163	102	0.01%	0.001%
92	10.939	3057	3063	3073	rBV4	2311	2512	0.18%	0.023%
93	11.116	3116	3118	3121	rBV2	350	236	0.02%	0.002%
94	11.174	3128	3136	3141	rVB6	1326	1673	0.12%	0.015%
95	11.212	3146	3148	3151	rVB2	515	281	0.02%	0.003%
96	11.270	3154	3166	3188	rBV	730365	1120407	80.09%	10.199%
97	11.556	3247	3255	3265	rBV4	4620	8761	0.63%	0.080%
98	11.646	3272	3283	3301	rBV	736053	1122604	80.25%	10.219%
99	11.762	3316	3319	3322	rBV3	806	698	0.05%	0.006%
100	13.289	3790	3794	3797	rBV3	920	977	0.07%	0.009%

Sum of corrected areas: 10985948

LSC Report - Integrated Chromatogram

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Data File : VV018539.D
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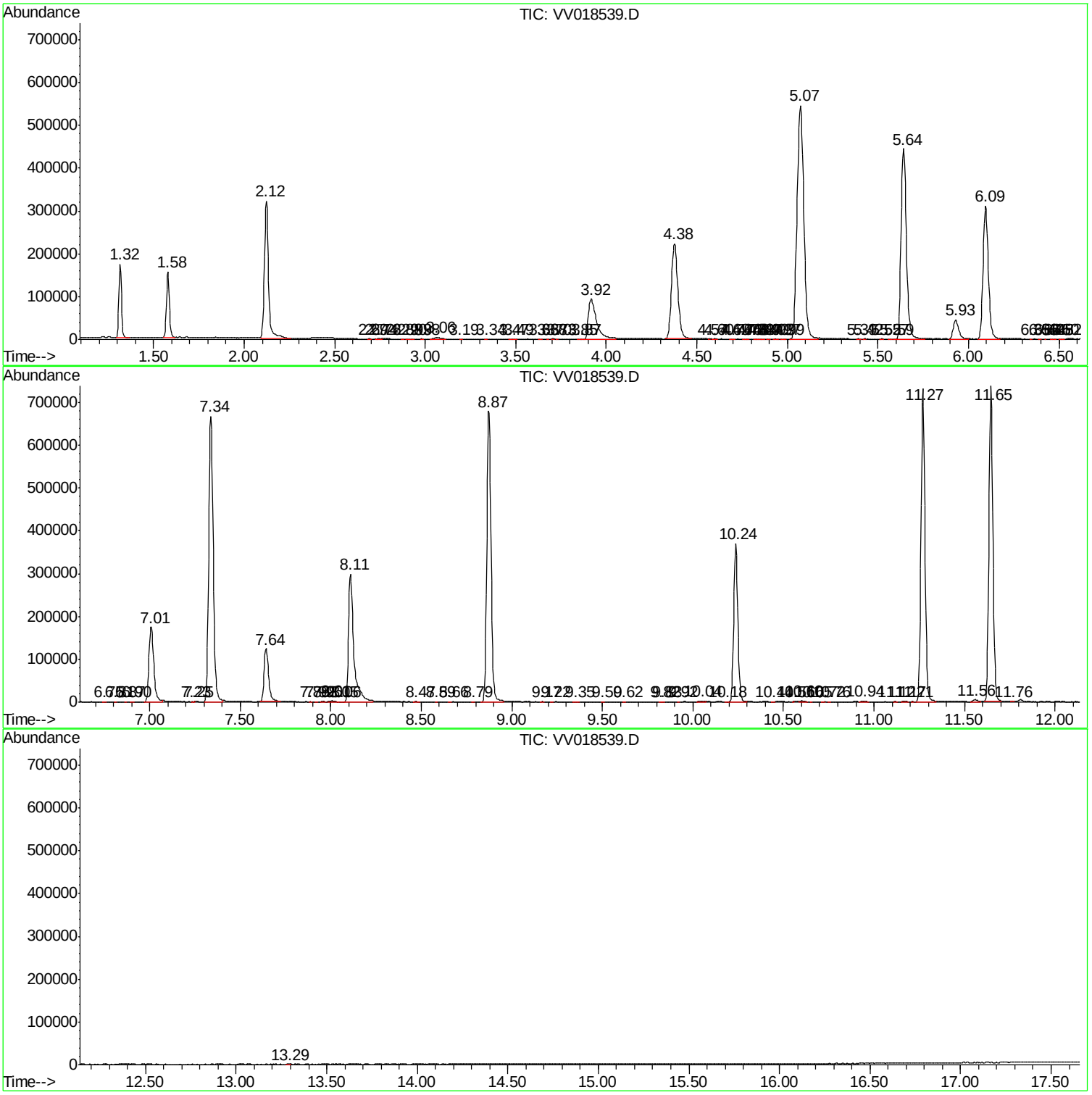
Sample : L4141-06
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0FG7

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
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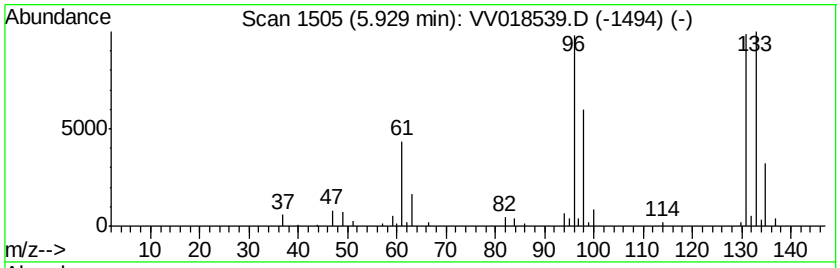
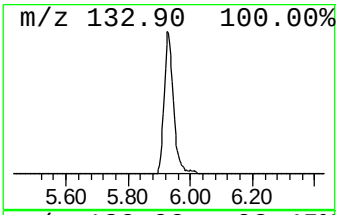
****

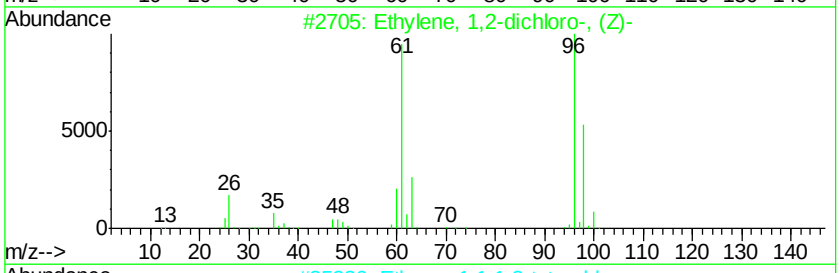
Peak Number 1 unknown-01 Concentration Rank 2

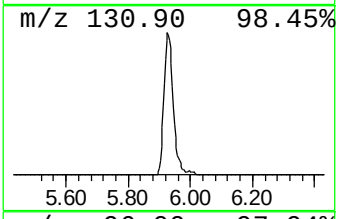
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	5.24 ug/L	93751	1,4-Difluorobenzene	5.64

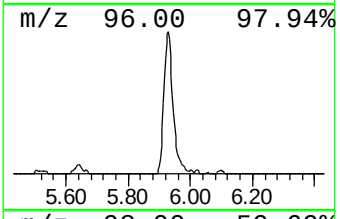
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
2	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	37
3	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	37
4	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	35
5	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	32

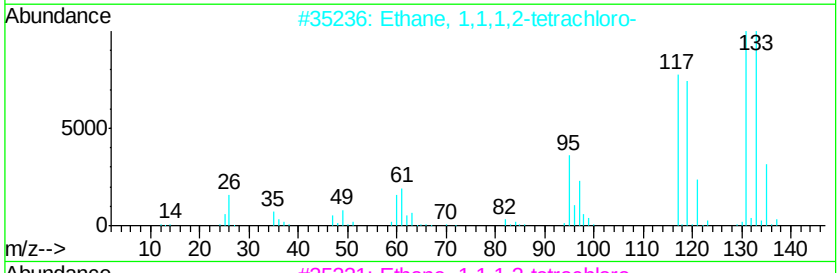


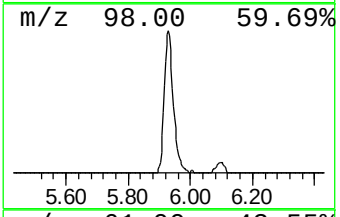


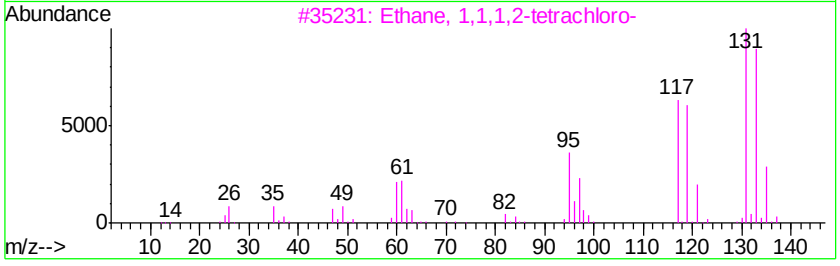


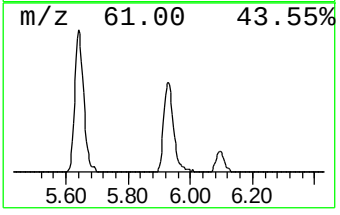












Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	5.93	5.2	ug/L	93751	1	5.64	893896	50.0