LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121418\
Data File : VV008927.D
Acq On : 14 Dec 2018 14:18
Operator : SY/MD
Sample : J6367-13
Misc : 5.0 mL/MSVOA V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0L49

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\SOMVLM121318WMA.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	1.322	66	72	91	rVB	83765	91160	12.62%	1.762%
2	1.566	141	148	165	rVB	64329	75788	10.49%	1.465%
3	2.129	313	323	335	rBV	206594	287972	39.86%	5.566%
4	2.315	375	381	396	rVB4	2282	4471	0.62%	0.086%
5	2.727	508	509	510	rBV	153	34	0.00%	0.001%
6	2.810	532	535	540	rVB2	214	189	0.03%	0.004%
7	2.878	552	556	560	rBV2	248	250	0.03%	0.005%
8	2.936	570	574	579	rVB	182	199	0.03%	0.004%
9	2.965	579	583	586	rVB2	173	116	0.02%	0.002%
10	2.984	587	589	592	rBV2	158	109	0.02%	0.002%
11	3.016	597	599	602	rVB	214	95	0.01%	0.002%
12	3.042	602	607	610	rBV2	185	177	0.02%	0.003%
13	3.106	624	627	629	rBV2	187	109	0.02%	0.002%
14	3.132	633	635	638	rVB2	142	79	0.01%	0.002%
15	3.151	638	641	643	rBV	170	77	0.01%	0.001%
16	3.251	670	672	676	rVB	216	140	0.02%	0.003%
17	3.280	679	681	684	rBV	144	116	0.02%	0.002%
18	3.312	689	691	693	rBV	149	88	0.01%	0.002%
19	3.386	711	714	715	rBV2	264	172	0.02%	0.003%
20	3.437	727	730	732	rBV2	169	123	0.02%	0.002%
21	3.505	748	751	754	rBV	175	166	0.02%	0.003%
22	3.547	760	764	769	rVB	177	211	0.03%	0.004%
23	3.592	774	778	779	rBV2	166	102	0.01%	0.002%
24	3.669	797	802	808	rVB2	194	316	0.04%	0.006%
25	3.708	808	814	819	rBV2	281	343	0.05%	0.007%
26	3.878	866	867	871	rBV2	166	118	0.02%	0.002%
27	3.929	871	883	912	rBV	52155	142037	19.66%	2.745%
28	4.293	993	996	1000	rBV3	328	364	0.05%	0.007%
29	4.405	1013	1031	1059	rBV	119505	287984	39.86%	5.566%
30	4.572	1081	1083	1086	rBV2	317	179	0.02%	0.003%
31	4.740	1132	1135	1140	rVB2	263	251	0.03%	0.005%
32	4.765	1141	1143	1145	rBV	306	181	0.03%	0.003%
33	4.785	1145	1149	1151	rBV	253	202	0.03%	0.004%
34	4.823	1158	1161	1165	rBV	281	309	0.04%	0.006%

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Instrument : MSVOA_V
ClientSampleId : C0L49

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\SOMVLM121318WMA.M
Title : VOC Analysis

35	4.878	1176	1178	1180	rBV2	146	73	0.01%	0.001%
36	4.945	1196	1199	1200	rBV	285	187	0.03%	0.004%
37	5.035	1223	1227	1228	rBV	168	111	0.02%	0.002%
38	5.097	1228	1246	1273	rBV2	286780	722522	100.00%	13.965%
39	5.341	1318	1322	1323	rBV	189	129	0.02%	0.002%
40	5.392	1332	1338	1346	rBV3	211	384	0.05%	0.007%
41	5.460	1355	1359	1364	rBV2	368	328	0.05%	0.006%
42	5.482	1364	1366	1369	rVB	281	200	0.03%	0.004%
43	5.527	1369	1380	1384	rBV2	310	681	0.09%	0.013%
44	5.547	1384	1386	1390	rBV	169	127	0.02%	0.002%
45	5.572	1390	1394	1395	rBV	168	109	0.02%	0.002%
46	5.605	1402	1404	1406	rBV	147	102	0.01%	0.002%
47	5.666	1410	1423	1446	rVV	192620	377810	52.29%	7.302%
48	5.952	1501	1512	1526	rVB4	15403	31128	4.31%	0.602%
49	6.119	1550	1564	1592	rBV	157648	317780	43.98%	6.142%
50	6.302	1617	1621	1624	rBV	349	235	0.03%	0.005%
51	6.357	1634	1638	1642	rBV2	238	289	0.04%	0.006%
52	6.392	1647	1649	1651	rBV	165	72	0.01%	0.001%
53	6.511	1681	1686	1689	rBV2	200	238	0.03%	0.005%
54	6.669	1732	1735	1737	rBV	222	161	0.02%	0.003%
55	6.762	1762	1764	1768	rBV	321	267	0.04%	0.005%
56	6.817	1779	1781	1784	rBV	113	86	0.01%	0.002%
57	6.842	1786	1789	1791	rBV2	190	159	0.02%	0.003%
58	6.961	1823	1826	1827	rBV	157	90	0.01%	0.002%
59	7.032	1833	1848	1874	rBV	95161	168661	23.34%	3.260%
60	7.254	1915	1917	1919	rBV2	136	75	0.01%	0.001%
61	7.360	1937	1950	1971	rBV	340972	597606	82.71%	11.550%
62	7.666	2034	2045	2067	rBV	65219	110566	15.30%	2.137%
63	7.875	2106	2110	2113	rBV	197	217	0.03%	0.004%
64	7.926	2123	2126	2129	rBV	380	277	0.04%	0.005%
65	8.019	2151	2155	2158	rBV2	421	324	0.04%	0.006%
66	8.080	2169	2174	2176	rBV2	195	201	0.03%	0.004%
67	8.135	2179	2191	2223	rBV	152562	315844	43.71%	6.104%
68	8.489	2298	2301	2305	rBV2	218	224	0.03%	0.004%
69	8.608	2333	2338	2341	rBV2	245	254	0.04%	0.005%
70	8.637	2344	2347	2349	rBV2	233	193	0.03%	0.004%
71	8.897	2416	2428	2456	rBV	276383	450354	62.33%	8.704%

LSC Area Percent Report

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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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Title : VOC Analysis

72	9.058	2475	2478	2484	rBV	482	610	0.08%	0.012%
73	9.109	2491	2494	2501	rVB2	331	349	0.05%	0.007%
74	9.148	2502	2506	2507	rBV	292	236	0.03%	0.005%
75	9.653	2658	2663	2668	rBV2	221	281	0.04%	0.005%
76	9.723	2682	2685	2686	rBV2	146	68	0.01%	0.001%
77	9.878	2731	2733	2736	rBV2	168	154	0.02%	0.003%
78	10.016	2772	2776	2777	rBV2	267	128	0.02%	0.002%
79	10.061	2788	2790	2793	rBV	170	108	0.01%	0.002%
80	10.183	2826	2828	2830	rBV	181	61	0.01%	0.001%
81	10.264	2841	2853	2875	rVB	190024	313116	43.34%	6.052%
82	10.341	2875	2877	2879	rVB	143	34	0.00%	0.001%
83	10.370	2881	2886	2888	rBV2	322	293	0.04%	0.006%
84	10.572	2942	2949	2951	rBV	296	356	0.05%	0.007%
85	10.608	2958	2960	2961	rBV	159	61	0.01%	0.001%
86	10.643	2968	2971	2972	rBV	260	162	0.02%	0.003%
87	10.868	3038	3041	3043	rBV2	197	141	0.02%	0.003%
88	10.987	3077	3078	3079	rBV	257	90	0.01%	0.002%
89	11.100	3109	3113	3118	rBV2	263	295	0.04%	0.006%
90	11.119	3118	3119	3120	rBV2	125	41	0.01%	0.001%
91	11.299	3163	3175	3197	rBV	229530	380423	52.65%	7.353%
92	11.675	3280	3292	3313	rVB	285565	482698	66.81%	9.329%
93	11.997	3387	3392	3395	rBV2	265	306	0.04%	0.006%
94	12.177	3444	3448	3451	rBV2	260	264	0.04%	0.005%
95	12.431	3525	3527	3530	rBV	292	165	0.02%	0.003%
96	12.511	3548	3552	3555	rBV2	265	264	0.04%	0.005%
97	12.730	3616	3620	3625	rBV	496	555	0.08%	0.011%
98	12.791	3634	3639	3641	rVB	298	223	0.03%	0.004%
99	12.842	3652	3655	3658	rBV	225	184	0.03%	0.004%

Sum of corrected areas: 5173957

LSC Report - Integrated Chromatogram

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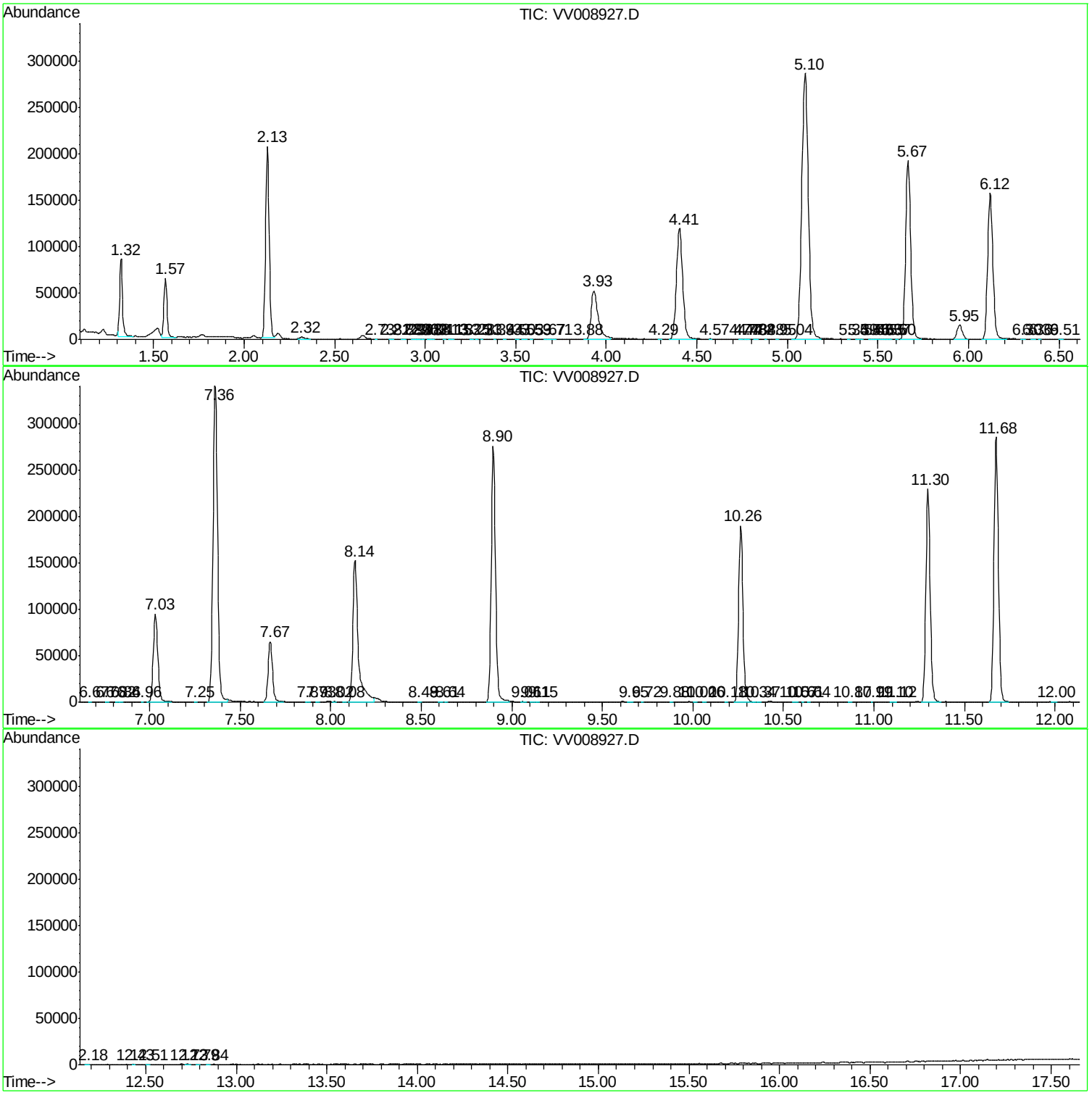
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0L49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.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\VV121418\
Data File : VV008927.D
Acq On : 14 Dec 2018 14:18
Operator : SY/MD
Sample : J6367-13
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0L49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis

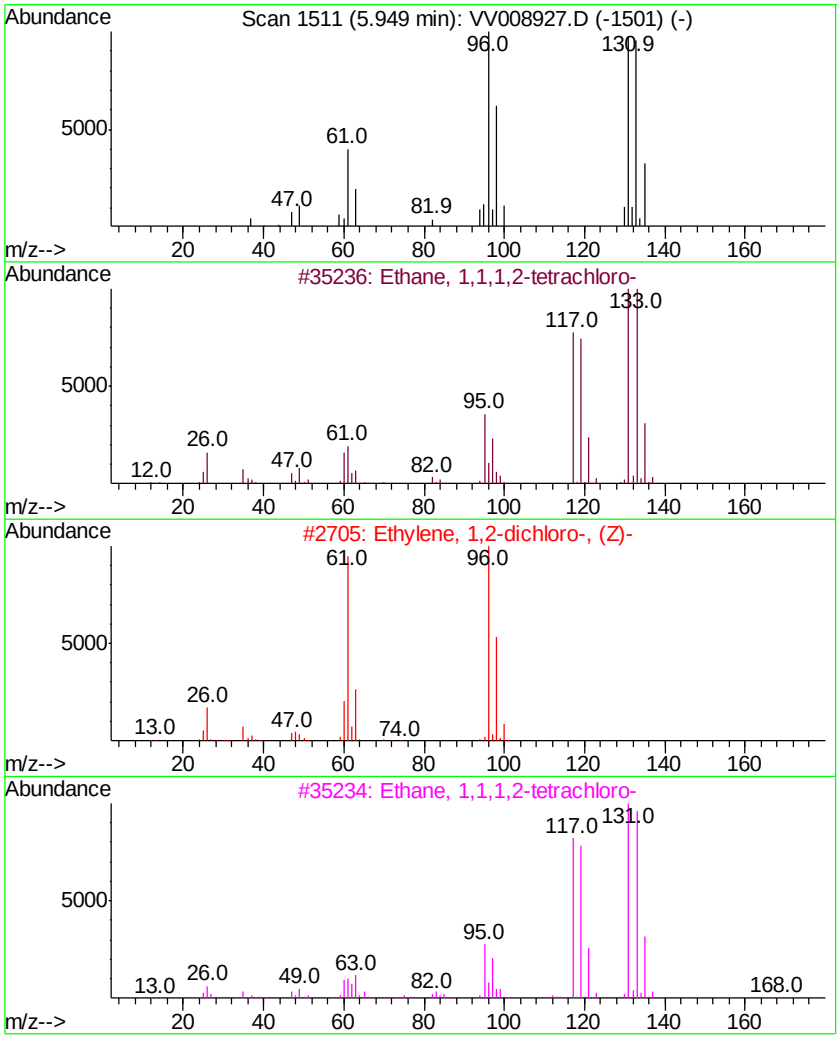
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

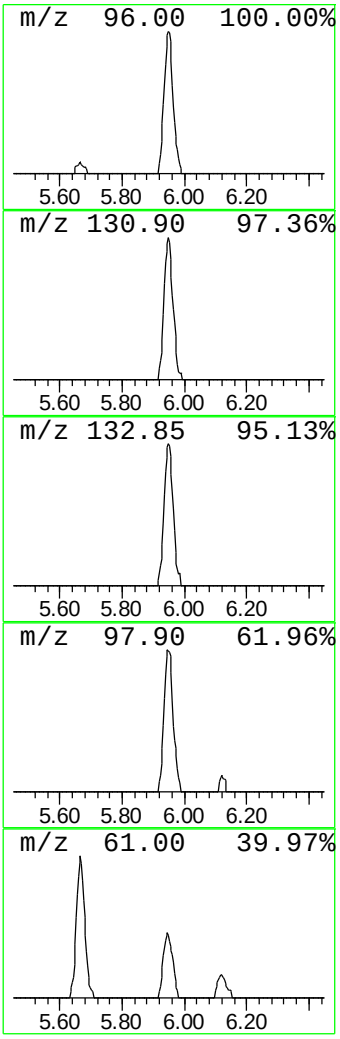
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	4.12 ug/L	31128	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	38
2	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	27
3	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	23
4	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	12
5	Benzene, fluoro-	96	C6H5F	000462-06-6	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	5.95	4.1	ug/L	31128	1	5.67	377810	50.0