LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121718\
Data File : VV008972.D
Acq On : 17 Dec 2018 12:07
Operator : SY/MD
Sample : J6383-03DL 5X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0937DL

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	1.216	33	39	49	rVB	373646	329780	33.34%	4.864%
2	1.322	66	72	90	rVB	70647	82682	8.36%	1.220%
3	1.569	144	149	160	rVB	59473	68133	6.89%	1.005%
4	2.129	313	323	335	rBV	197532	278808	28.19%	4.113%
5	2.322	376	383	390	rBV5	1335	2133	0.22%	0.031%
6	2.534	444	449	457	rVB4	1389	2112	0.21%	0.031%
7	2.646	477	484	488	rBV4	2090	3112	0.31%	0.046%
8	2.875	553	555	558	rBV	185	130	0.01%	0.002%
9	2.907	563	565	572	rVB2	193	176	0.02%	0.003%
10	3.003	593	595	598	rBV2	197	113	0.01%	0.002%
11	3.116	626	630	631	rBV	186	138	0.01%	0.002%
12	3.164	642	645	651	rVB2	211	176	0.02%	0.003%
13	3.370	706	709	712	rBV	140	96	0.01%	0.001%
14	3.447	728	733	737	rBV	150	145	0.01%	0.002%
15	3.502	747	750	756	rBV	103	96	0.01%	0.001%
16	3.746	823	826	828	rBV	154	90	0.01%	0.001%
17	3.820	844	849	852	rBV	203	177	0.02%	0.003%
18	3.865	860	863	865	rBV	214	128	0.01%	0.002%
19	3.933	868	884	915	rBV2	52918	153791	15.55%	2.269%
20	4.254	980	984	986	rBV	154	101	0.01%	0.001%
21	4.402	1012	1030	1055	rBV	124681	299152	30.25%	4.413%
22	4.624	1097	1099	1105	rVB	195	111	0.01%	0.002%
23	4.688	1117	1119	1124	rVB	233	132	0.01%	0.002%
24	4.965	1201	1205	1209	rBV	162	194	0.02%	0.003%
25	5.096	1225	1246	1279	rBV2	296058	741997	75.02%	10.945%
26	5.354	1323	1326	1327	rBV2	218	90	0.01%	0.001%
27	5.514	1373	1376	1380	rVB	220	126	0.01%	0.002%
28	5.543	1380	1385	1388	rBV2	265	248	0.03%	0.004%
29	5.585	1395	1398	1404	rVB	134	97	0.01%	0.001%
30	5.662	1404	1422	1451	rBV	253549	505473	51.11%	7.456%
31	5.868	1481	1486	1490	rVB	249	214	0.02%	0.003%
32	5.891	1490	1493	1496	rBV2	249	178	0.02%	0.003%
33	5.945	1499	1510	1526	rBV2	17693	34469	3.48%	0.508%
34	6.119	1548	1564	1586	rBV	161596	329994	33.36%	4.868%

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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\SOMVLM121318WMA.M
Title : VOC Analysis

35	6.193	1586	1587	1590	rVB	319	131	0.01%	0.002%
36	6.248	1600	1604	1610	rVB4	509	598	0.06%	0.009%
37	6.376	1641	1644	1646	rBV	168	109	0.01%	0.002%
38	6.457	1666	1669	1673	rBV	181	177	0.02%	0.003%
39	6.511	1683	1686	1695	rBV2	251	259	0.03%	0.004%
40	6.566	1701	1703	1708	rVB	240	111	0.01%	0.002%
41	6.601	1708	1714	1717	rBV	141	144	0.01%	0.002%
42	6.711	1745	1748	1753	rVB2	219	186	0.02%	0.003%
43	6.801	1772	1776	1779	rBV	132	128	0.01%	0.002%
44	6.881	1799	1801	1804	rVB	154	81	0.01%	0.001%
45	7.029	1834	1847	1868	rBV	102606	179236	18.12%	2.644%
46	7.154	1884	1886	1889	rVB2	202	115	0.01%	0.002%
47	7.186	1891	1896	1899	rVV2	416	270	0.03%	0.004%
48	7.203	1899	1901	1906	rVB	207	114	0.01%	0.002%
49	7.238	1910	1912	1916	rVB	183	87	0.01%	0.001%
50	7.280	1922	1925	1929	rBV	117	117	0.01%	0.002%
51	7.360	1936	1950	1969	rBV	347711	602672	60.93%	8.890%
52	7.601	2021	2025	2026	rBV	194	103	0.01%	0.002%
53	7.662	2031	2044	2063	rBV	70904	119407	12.07%	1.761%
54	7.759	2070	2074	2079	rVB2	207	175	0.02%	0.003%
55	7.817	2087	2092	2096	rBV	227	151	0.02%	0.002%
56	7.849	2099	2102	2106	rBV	228	183	0.02%	0.003%
57	7.868	2106	2108	2110	rVB	199	81	0.01%	0.001%
58	7.958	2133	2136	2137	rBV	305	142	0.01%	0.002%
59	8.090	2175	2177	2178	rBV	163	81	0.01%	0.001%
60	8.135	2178	2191	2223	rBV	176349	339583	34.33%	5.009%
61	8.354	2256	2259	2262	rVV2	372	221	0.02%	0.003%
62	8.392	2268	2271	2272	rBV	184	93	0.01%	0.001%
63	8.421	2278	2280	2283	rVB	206	97	0.01%	0.001%
64	8.521	2307	2311	2312	rBV	157	113	0.01%	0.002%
65	8.534	2313	2315	2318	rVB2	339	178	0.02%	0.003%
66	8.714	2368	2371	2373	rBV	132	94	0.01%	0.001%
67	8.794	2393	2396	2399	rBV	175	128	0.01%	0.002%
68	8.846	2410	2412	2414	rBV2	178	98	0.01%	0.001%
69	8.897	2415	2428	2453	rVV	368094	649202	65.64%	9.576%
70	9.055	2474	2477	2478	rBV	365	183	0.02%	0.003%
71	9.190	2513	2519	2524	rVB3	504	567	0.06%	0.008%

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Instrument : MSVOA_V
ClientSampleId : C0937DL

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	9.267	2539	2543	2544	rBV3	262	138	0.01%	0.002%
73	9.456	2600	2602	2605	rBV2	177	98	0.01%	0.001%
74	9.768	2695	2699	2703	rVB	185	137	0.01%	0.002%
75	9.981	2758	2765	2768	rVV	278	331	0.03%	0.005%
76	10.003	2768	2772	2775	rVB2	160	113	0.01%	0.002%
77	10.263	2841	2853	2873	rVB	204815	324069	32.76%	4.780%
78	10.418	2898	2901	2909	rVB	529	555	0.06%	0.008%
79	10.492	2920	2924	2926	rBV	182	144	0.01%	0.002%
80	10.508	2926	2929	2931	rVV	155	103	0.01%	0.002%
81	10.874	3040	3043	3049	rBV2	233	254	0.03%	0.004%
82	11.087	3106	3109	3116	rVB	238	235	0.02%	0.003%
83	11.196	3137	3143	3145	rBV	239	257	0.03%	0.004%
84	11.228	3145	3153	3163	rVV2	8641	12350	1.25%	0.182%
85	11.296	3163	3174	3195	rVV	352702	607108	61.38%	8.955%
86	11.543	3248	3251	3257	rVB	278	245	0.02%	0.004%
87	11.678	3277	3293	3317	rBV2	419115	989086	100.00%	14.590%
88	11.916	3364	3367	3371	rBV	254	225	0.02%	0.003%
89	12.659	3596	3598	3599	rBV	231	108	0.01%	0.002%
90	12.691	3599	3608	3619	rVV5	5032	7759	0.78%	0.114%
91	12.980	3696	3698	3701	rVB2	270	151	0.02%	0.002%
92	13.087	3729	3731	3734	rBV	217	99	0.01%	0.001%
93	13.312	3792	3801	3813	rBV	39208	58658	5.93%	0.865%
94	13.505	3858	3861	3864	rVB	323	201	0.02%	0.003%
95	13.556	3870	3877	3882	rBV4	1271	1759	0.18%	0.026%
96	13.672	3910	3913	3914	rBV	202	94	0.01%	0.001%
97	13.717	3925	3927	3928	rBV	309	132	0.01%	0.002%
98	13.797	3942	3952	3964	rVB2	27077	39482	3.99%	0.582%
99	13.932	3992	3994	3995	rBV	350	130	0.01%	0.002%
100	15.456	4462	4468	4476	rVB6	3672	5331	0.54%	0.079%

Sum of corrected areas: 6779359

LSC Report - Integrated Chromatogram

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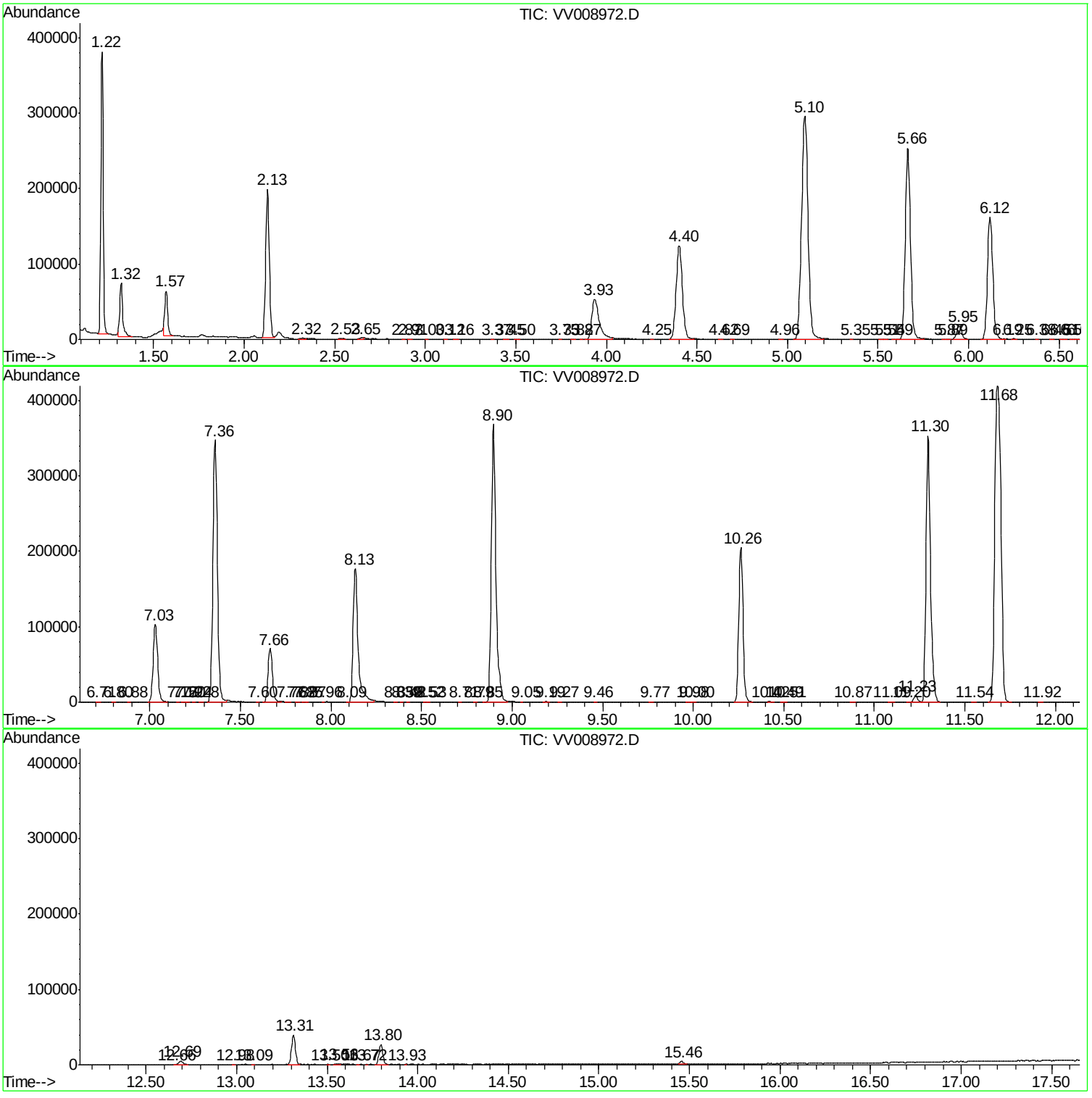
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0937DL

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\VV121718\
Data File : VV008972.D
Acq On : 17 Dec 2018 12:07
Operator : SY/MD
Sample : J6383-03DL 5X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0937DL

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

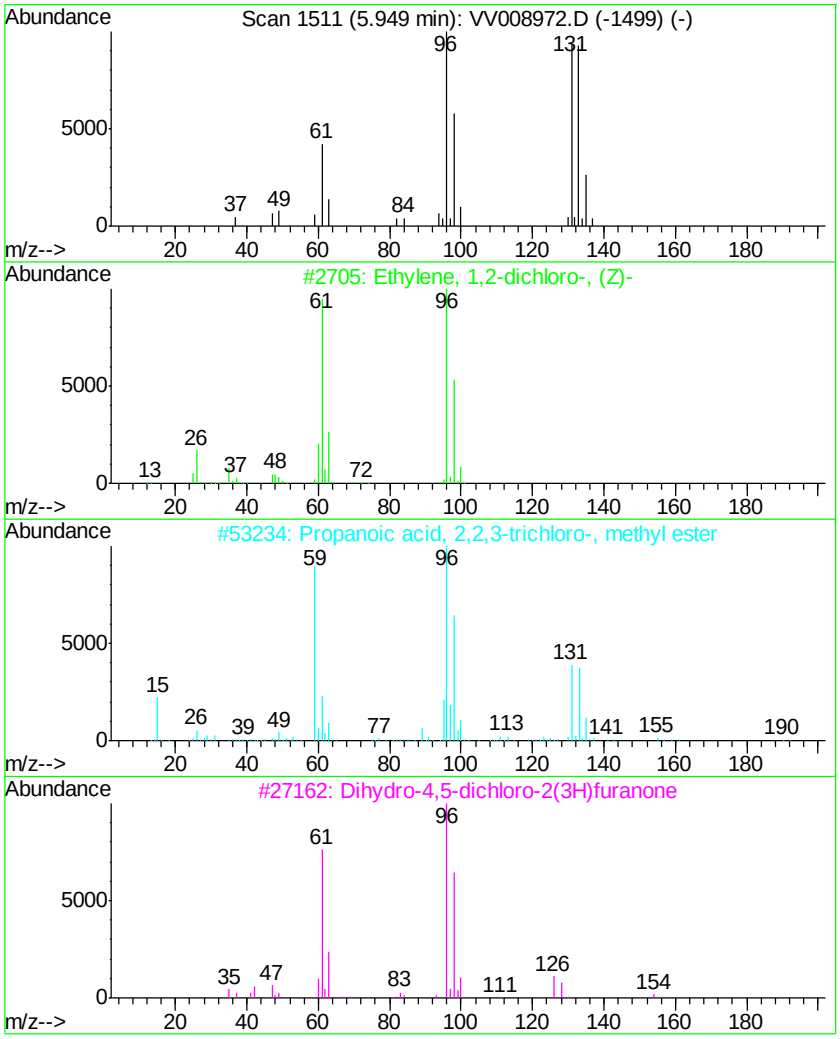
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

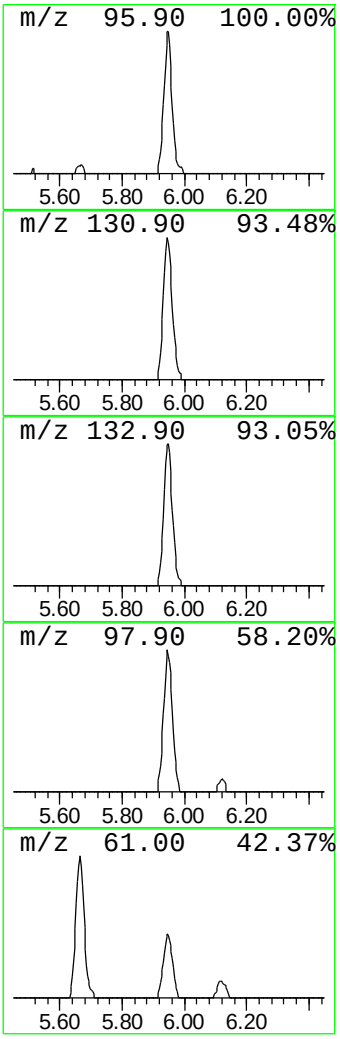
****

Peak Number 2 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	3.41 ug/L	34469	1,4-Difluorobenzene	5.66

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	35
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	23
5	2-Cyano-3,5-dimethylpyrazine	133	C7H7N3	124629-52-3	9





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	5.95	3.4	ug/L	34469	1	5.66	505473	50.0