LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031619\
Data File : VU030107.D
Acq On : 15 Mar 2019 13:40
Operator : JC/SP
Sample : K1936-20 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1B5

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_U\METHOD\SOMULM031319WMA.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	1.399	89	96	107	rBV	163617	163096	8.78%	1.097%
2	1.679	175	183	196	rVB	134728	174640	9.40%	1.175%
3	2.270	357	367	381	rBV	297172	449562	24.20%	3.024%
4	2.515	440	443	445	rBV	977	709	0.04%	0.005%
5	2.543	450	452	453	rBV	520	262	0.01%	0.002%
6	2.888	557	559	565	rBV	1002	1044	0.06%	0.007%
7	2.987	582	590	599	rBV6	2328	5071	0.27%	0.034%
8	3.142	636	638	641	rVB3	561	239	0.01%	0.002%
9	3.161	641	644	649	rBV	1501	1185	0.06%	0.008%
10	3.244	668	670	671	rBV	361	168	0.01%	0.001%
11	3.257	671	674	676	rBV	1477	962	0.05%	0.006%
12	3.389	706	715	717	rBV	1664	2078	0.11%	0.014%
13	3.434	726	729	732	rBV	877	500	0.03%	0.003%
14	3.453	732	735	737	rBV	1258	847	0.05%	0.006%
15	3.502	747	750	753	rBV	1299	1167	0.06%	0.008%
16	3.659	797	799	801	rBV	746	416	0.02%	0.003%
17	3.907	872	876	883	rBV	1203	1569	0.08%	0.011%
18	3.984	895	900	902	rBV2	623	658	0.04%	0.004%
19	4.026	911	913	916	rVB	567	307	0.02%	0.002%
20	4.051	916	921	922	rBV	897	680	0.04%	0.005%
21	4.077	927	929	932	rBV2	779	486	0.03%	0.003%
22	4.125	940	944	947	rVB2	609	424	0.02%	0.003%
23	4.174	947	959	970	rBV	171116	430166	23.15%	2.893%
24	4.489	1054	1057	1060	rBV	1055	591	0.03%	0.004%
25	4.514	1060	1065	1069	rVB	1280	1285	0.07%	0.009%
26	4.556	1069	1078	1083	rBV3	1459	2888	0.16%	0.019%
27	4.646	1091	1106	1126	rBV	256582	602041	32.40%	4.049%
28	5.067	1233	1237	1239	rBV	1143	888	0.05%	0.006%
29	5.122	1247	1254	1257	rBV	1550	1528	0.08%	0.010%
30	5.174	1266	1270	1276	rBV2	1115	918	0.05%	0.006%
31	5.199	1276	1278	1280	rBV	199	103	0.01%	0.001%
32	5.215	1280	1283	1288	rBV2	1127	1107	0.06%	0.007%
33	5.241	1288	1291	1294	rBV	822	438	0.02%	0.003%
34	5.260	1294	1297	1299	rBV	903	593	0.03%	0.004%

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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Title : VOC Analysis

35	5.338	1299	1321	1346	rBV2	509004	1516179	81.60%	10.197%
36	5.582	1395	1397	1398	rBV	239	115	0.01%	0.001%
37	5.598	1400	1402	1405	rVB	1268	735	0.04%	0.005%
38	5.624	1405	1410	1413	rBV	1076	899	0.05%	0.006%
39	5.640	1413	1415	1418	rVB	862	390	0.02%	0.003%
40	5.659	1418	1421	1422	rBV	621	414	0.02%	0.003%
41	5.711	1435	1437	1440	rBV	659	320	0.02%	0.002%
42	5.756	1448	1451	1454	rBV2	773	533	0.03%	0.004%
43	5.778	1454	1458	1461	rVV	1279	1004	0.05%	0.007%
44	5.813	1466	1469	1474	rBV2	987	749	0.04%	0.005%
45	5.884	1478	1491	1531	rVV	542379	1095007	58.94%	7.365%
46	6.119	1562	1564	1567	rBV2	617	427	0.02%	0.003%
47	6.138	1567	1570	1575	rVV	1672	1503	0.08%	0.010%
48	6.186	1575	1585	1600	rVV4	24440	50174	2.70%	0.337%
49	6.328	1615	1629	1648	rBV	346413	700163	37.68%	4.709%
50	6.524	1688	1690	1694	rBV	935	539	0.03%	0.004%
51	6.595	1706	1712	1716	rBV2	1604	2110	0.11%	0.014%
52	6.646	1725	1728	1730	rBV2	782	539	0.03%	0.004%
53	6.756	1757	1762	1765	rBV3	1288	1459	0.08%	0.010%
54	7.010	1838	1841	1844	rBV	876	525	0.03%	0.004%
55	7.048	1850	1853	1855	rBV	1191	785	0.04%	0.005%
56	7.225	1897	1908	1925	rBV	195455	354803	19.10%	2.386%
57	7.563	2001	2013	2053	rBV	669212	1214412	65.36%	8.168%
58	7.849	2092	2102	2124	rBV	135281	234691	12.63%	1.578%
59	8.116	2182	2185	2188	rBV	1053	793	0.04%	0.005%
60	8.180	2194	2205	2208	rBV2	25688	44063	2.37%	0.296%
61	8.225	2209	2219	2235	rVV	1076184	1857977	100.00%	12.496%
62	8.309	2236	2245	2273	rVB	577859	1020510	54.93%	6.864%
63	8.768	2385	2388	2391	rVB	1338	852	0.05%	0.006%
64	8.784	2391	2393	2396	rVB	760	360	0.02%	0.002%
65	8.797	2396	2397	2399	rBV	288	151	0.01%	0.001%
66	9.013	2461	2464	2467	rBV	1397	895	0.05%	0.006%
67	9.087	2471	2487	2512	rBV	795287	1366669	73.56%	9.192%
68	9.308	2553	2556	2563	rVB	2160	2243	0.12%	0.015%
69	9.341	2563	2566	2569	rVB	1516	825	0.04%	0.006%
70	9.366	2571	2574	2577	rBV2	1192	1064	0.06%	0.007%
71	9.440	2591	2597	2600	rBV	1716	2002	0.11%	0.013%

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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Title : VOC Analysis

72	9.643	2657	2660	2661	rBV	908	514	0.03%	0.003%
73	9.736	2686	2689	2691	rBV	1043	785	0.04%	0.005%
74	9.775	2698	2701	2703	rBV3	1322	1039	0.06%	0.007%
75	9.948	2751	2755	2759	rBV	1080	928	0.05%	0.006%
76	10.003	2770	2772	2773	rBV	609	250	0.01%	0.002%
77	10.038	2780	2783	2787	rVB	1494	1113	0.06%	0.007%
78	10.070	2789	2793	2794	rBV2	1014	607	0.03%	0.004%
79	10.231	2839	2843	2844	rBV	745	543	0.03%	0.004%
80	10.370	2881	2886	2892	rBV	971	1426	0.08%	0.010%
81	10.427	2892	2904	2925	rVV	578391	936366	50.40%	6.298%
82	10.730	2996	2998	3004	rVB2	952	570	0.03%	0.004%
83	11.080	3102	3107	3111	rBV	2109	2018	0.11%	0.014%
84	11.151	3126	3129	3130	rBV	1226	729	0.04%	0.005%
85	11.482	3219	3232	3254	rBV	817886	1320087	71.05%	8.878%
86	11.855	3336	3348	3369	rBV	769276	1253380	67.46%	8.430%
87	12.315	3488	3491	3493	rBV2	868	567	0.03%	0.004%
88	12.414	3517	3522	3526	rBV3	1601	1834	0.10%	0.012%
89	12.479	3537	3542	3549	rVB2	5186	6901	0.37%	0.046%
90	12.550	3558	3564	3567	rBV2	1334	1373	0.07%	0.009%
91	12.617	3582	3585	3587	rBV	958	521	0.03%	0.004%
92	12.784	3635	3637	3639	rBV	619	278	0.01%	0.002%
93	12.836	3650	3653	3656	rBV2	1066	726	0.04%	0.005%
94	13.016	3706	3709	3714	rBV	1180	1188	0.06%	0.008%
95	13.173	3755	3758	3761	rBV2	1126	988	0.05%	0.007%
96	13.193	3761	3764	3767	rVV	1175	966	0.05%	0.006%
97	13.533	3864	3870	3879	rBV2	2692	4389	0.24%	0.030%
98	13.758	3935	3940	3944	rBV2	2067	2504	0.13%	0.017%
99	14.193	4072	4075	4077	rBV2	651	369	0.02%	0.002%

Sum of corrected areas: 14868454

LSC Report - Integrated Chromatogram

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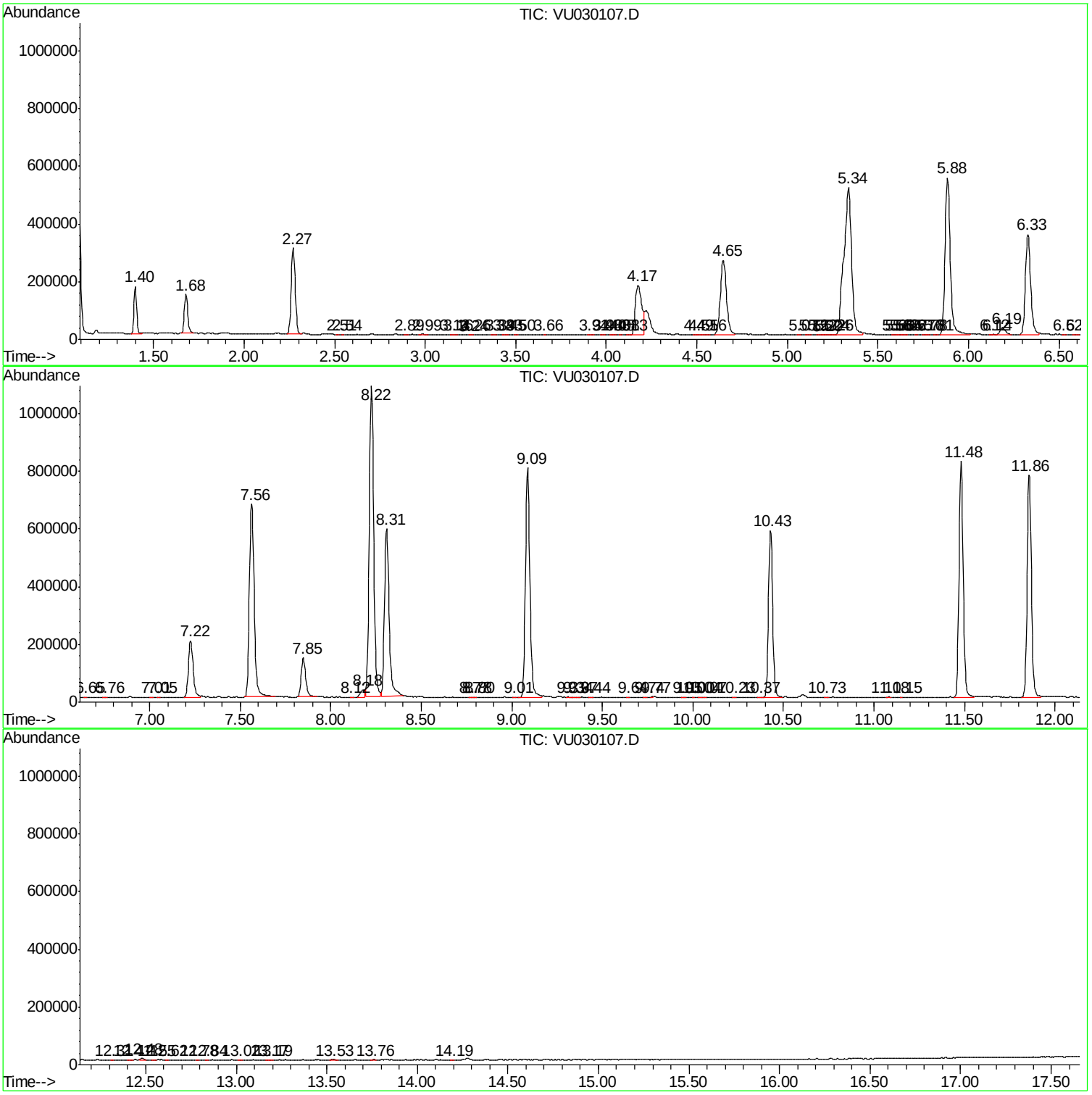
Instrument : MSVOA_U
ClientSampleId : BF1B5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.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_U\DATA\VU031619\
Data File : VU030107.D
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Operator : JC/SP
Sample : K1936-20 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1B5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis

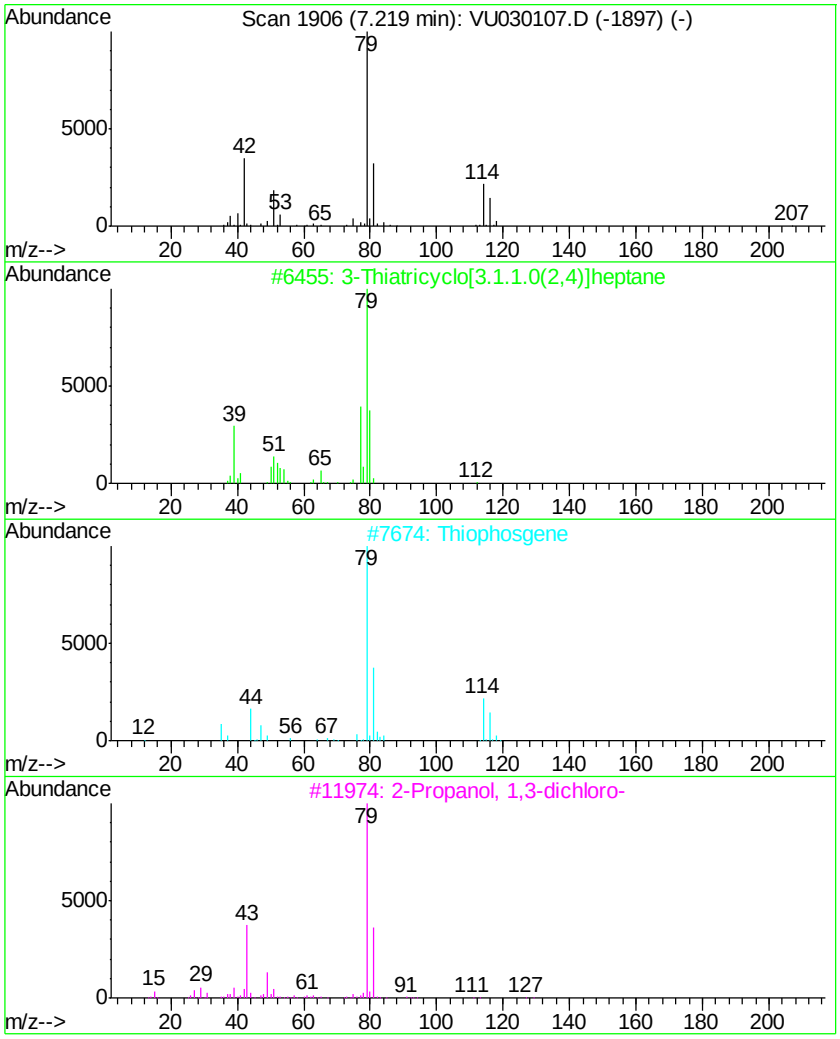
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

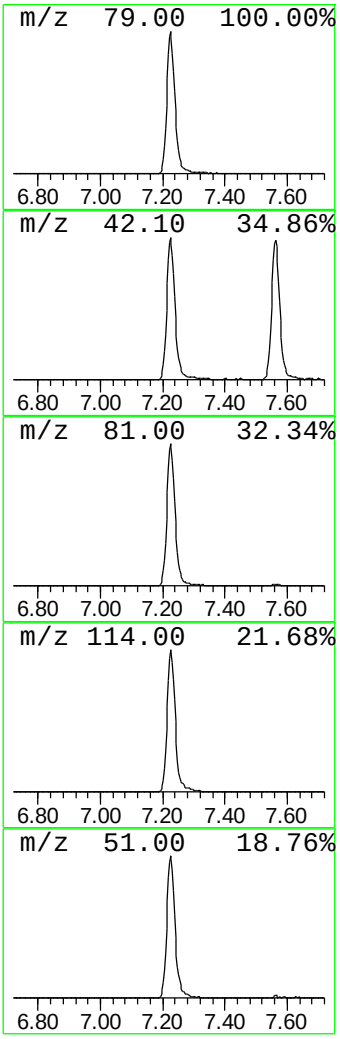
****

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	16.20 ug/L	354803	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Thiatricyclo[3.1.1.0(2,4)]heptane	112	C6H8S	1000221-37-0	38
2	Thiophosgene	114	CCl2S	000463-71-8	36
3	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	9
4	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	9
5	Acetaldehyde, chlorodifluoro-	114	C2HClF2O	000811-96-1	7





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	7.22	16.2	ug/L	354803	1	5.88	1095010	50.0