LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041719\
Data File : VU031240.D
Acq On : 17 Apr 2019 04:02
Operator : JC/SP
Sample : K2428-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0XF4

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\SOMULM041719WMA.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	1.180	24	28	37	rVB	12536	12319	0.65%	0.078%
2	1.396	88	95	113	rBV	242748	273308	14.42%	1.725%
3	1.678	176	183	199	rBV	252451	309259	16.31%	1.951%
4	1.881	239	246	258	rVB	78688	112855	5.95%	0.712%
5	2.270	357	367	380	rVB	486350	740399	39.06%	4.672%
6	2.678	491	494	496	rBV4	973	754	0.04%	0.005%
7	2.836	532	543	563	rVV3	8970	21652	1.14%	0.137%
8	2.939	570	575	577	rBV3	751	608	0.03%	0.004%
9	3.067	611	615	618	rBV3	726	559	0.03%	0.004%
10	3.199	652	656	659	rBV2	580	512	0.03%	0.003%
11	3.360	704	706	710	rVB2	781	574	0.03%	0.004%
12	3.563	765	769	773	rVB3	739	573	0.03%	0.004%
13	3.624	784	788	792	rBV3	759	620	0.03%	0.004%
14	3.678	801	805	806	rBV	703	438	0.02%	0.003%
15	3.720	813	818	819	rBV	559	440	0.02%	0.003%
16	3.781	833	837	841	rBV3	500	427	0.02%	0.003%
17	3.891	868	871	875	rVB2	536	452	0.02%	0.003%
18	3.916	875	879	884	rBV3	670	672	0.04%	0.004%
19	4.186	951	963	997	rBV2	155725	513666	27.10%	3.241%
20	4.540	1069	1073	1081	rBV4	585	814	0.04%	0.005%
21	4.643	1087	1105	1132	rBV	309709	742956	39.19%	4.688%
22	4.823	1159	1161	1165	rVB2	1169	700	0.04%	0.004%
23	4.842	1165	1167	1173	rVB4	901	598	0.03%	0.004%
24	4.878	1175	1178	1181	rBV4	1290	895	0.05%	0.006%
25	5.045	1224	1230	1233	rVB4	881	734	0.04%	0.005%
26	5.071	1233	1238	1241	rBV4	471	500	0.03%	0.003%
27	5.119	1246	1253	1254	rBV3	1453	1260	0.07%	0.008%
28	5.199	1275	1278	1281	rBV	507	388	0.02%	0.002%
29	5.337	1296	1321	1353	rBV2	625527	1895643	100.00%	11.961%
30	5.563	1386	1391	1395	rBV4	1152	1070	0.06%	0.007%
31	5.582	1395	1397	1403	rVB4	835	553	0.03%	0.003%
32	5.608	1403	1405	1407	rVB	949	398	0.02%	0.003%
33	5.636	1407	1414	1419	rBV6	711	1001	0.05%	0.006%
34	5.688	1428	1430	1434	rVB	844	434	0.02%	0.003%

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ALS Vial : 31 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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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Title : VOC Analysis

35	5.768	1451	1455	1463	rVB4	738	845	0.04%	0.005%
36	5.817	1468	1470	1473	rBV2	717	413	0.02%	0.003%
37	5.884	1473	1491	1524	rBV	549093	1169657	61.70%	7.380%
38	6.183	1568	1584	1611	rBV	312482	642057	33.87%	4.051%
39	6.328	1615	1629	1652	rBV	393914	831009	43.84%	5.243%
40	6.546	1695	1697	1701	rBV4	990	902	0.05%	0.006%
41	6.723	1748	1752	1759	rVB3	691	821	0.04%	0.005%
42	6.765	1761	1765	1768	rBV3	615	442	0.02%	0.003%
43	6.878	1798	1800	1806	rVB4	732	616	0.03%	0.004%
44	6.977	1827	1831	1833	rBV3	547	426	0.02%	0.003%
45	7.019	1838	1844	1846	rBV3	448	404	0.02%	0.003%
46	7.083	1859	1864	1868	rVB3	761	621	0.03%	0.004%
47	7.225	1895	1908	1939	rBV	213988	416836	21.99%	2.630%
48	7.562	2000	2013	2054	rBV	729271	1366117	72.07%	8.620%
49	7.804	2085	2088	2091	rBV4	688	476	0.03%	0.003%
50	7.849	2091	2102	2123	rBV	139879	271737	14.33%	1.715%
51	7.990	2144	2146	2150	rVB4	909	521	0.03%	0.003%
52	8.009	2150	2152	2155	rBV3	934	478	0.03%	0.003%
53	8.083	2170	2175	2182	rVB5	1546	1640	0.09%	0.010%
54	8.132	2187	2190	2193	rBV2	875	636	0.03%	0.004%
55	8.173	2193	2203	2207	rBV5	7255	11254	0.59%	0.071%
56	8.225	2207	2219	2235	rVV	365232	636544	33.58%	4.016%
57	8.312	2236	2246	2281	rVB	593154	1080062	56.98%	6.815%
58	8.624	2341	2343	2349	rVB4	1218	798	0.04%	0.005%
59	8.656	2349	2353	2360	rVB4	1021	1138	0.06%	0.007%
60	8.691	2360	2364	2369	rBV6	1124	1223	0.06%	0.008%
61	8.861	2415	2417	2423	rBV5	604	542	0.03%	0.003%
62	8.955	2443	2446	2452	rVV3	921	852	0.04%	0.005%
63	9.087	2473	2487	2513	rBV	901891	1529864	80.70%	9.653%
64	9.292	2548	2551	2552	rBV2	745	445	0.02%	0.003%
65	9.386	2574	2580	2584	rBV4	766	774	0.04%	0.005%
66	9.408	2584	2587	2593	rVB2	1039	939	0.05%	0.006%
67	9.456	2598	2602	2606	rVB5	1121	929	0.05%	0.006%
68	9.508	2616	2618	2624	rBV3	665	639	0.03%	0.004%
69	9.540	2624	2628	2630	rBV	617	435	0.02%	0.003%
70	9.588	2635	2643	2644	rBV2	467	474	0.03%	0.003%
71	9.668	2665	2668	2673	rVV3	439	400	0.02%	0.003%

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ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0XF4

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\SOMULM041719WMA.M
Title : VOC Analysis

72	9.720	2681	2684	2687	rVB3	694	509	0.03%	0.003%
73	9.742	2688	2691	2696	rBV3	925	753	0.04%	0.005%
74	9.874	2729	2732	2735	rBV3	661	501	0.03%	0.003%
75	10.202	2829	2834	2840	rBV5	917	1100	0.06%	0.007%
76	10.427	2892	2904	2925	rVV	573333	930876	49.11%	5.874%
77	10.572	2945	2949	2950	rBV4	705	494	0.03%	0.003%
78	10.601	2950	2958	2972	rVB3	5910	10048	0.53%	0.063%
79	11.070	3101	3104	3106	rBV2	705	532	0.03%	0.003%
80	11.083	3106	3108	3110	rVB	888	446	0.02%	0.003%
81	11.479	3220	3231	3250	rBV	688875	1113529	58.74%	7.026%
82	11.855	3336	3348	3370	rBV	698024	1166095	61.51%	7.358%
83	12.196	3452	3454	3455	rBV2	873	383	0.02%	0.002%
84	12.260	3470	3474	3478	rVB4	656	562	0.03%	0.004%
85	12.463	3531	3537	3539	rBV3	1642	1878	0.10%	0.012%
86	12.485	3542	3544	3548	rVB2	1431	805	0.04%	0.005%
87	12.720	3613	3617	3619	rBV	787	490	0.03%	0.003%
88	12.848	3654	3657	3663	rVB4	973	669	0.04%	0.004%
89	12.893	3668	3671	3673	rVV2	750	432	0.02%	0.003%
90	13.000	3701	3704	3708	rBV3	776	785	0.04%	0.005%
91	13.061	3719	3723	3726	rBV	653	623	0.03%	0.004%
92	13.135	3743	3746	3749	rBV2	739	522	0.03%	0.003%
93	13.241	3775	3779	3780	rBV2	737	482	0.03%	0.003%
94	13.286	3790	3793	3796	rBV2	694	422	0.02%	0.003%
95	13.450	3842	3844	3846	rBV	599	398	0.02%	0.003%
96	13.652	3905	3907	3913	rVB2	1153	953	0.05%	0.006%
97	13.681	3913	3916	3918	rBV2	618	414	0.02%	0.003%
98	13.839	3962	3965	3968	rBV	566	460	0.02%	0.003%
99	14.122	4051	4053	4059	rVB	894	704	0.04%	0.004%
100	15.051	4340	4342	4345	rBV	1067	598	0.03%	0.004%

Sum of corrected areas: 15848460

LSC Report - Integrated Chromatogram

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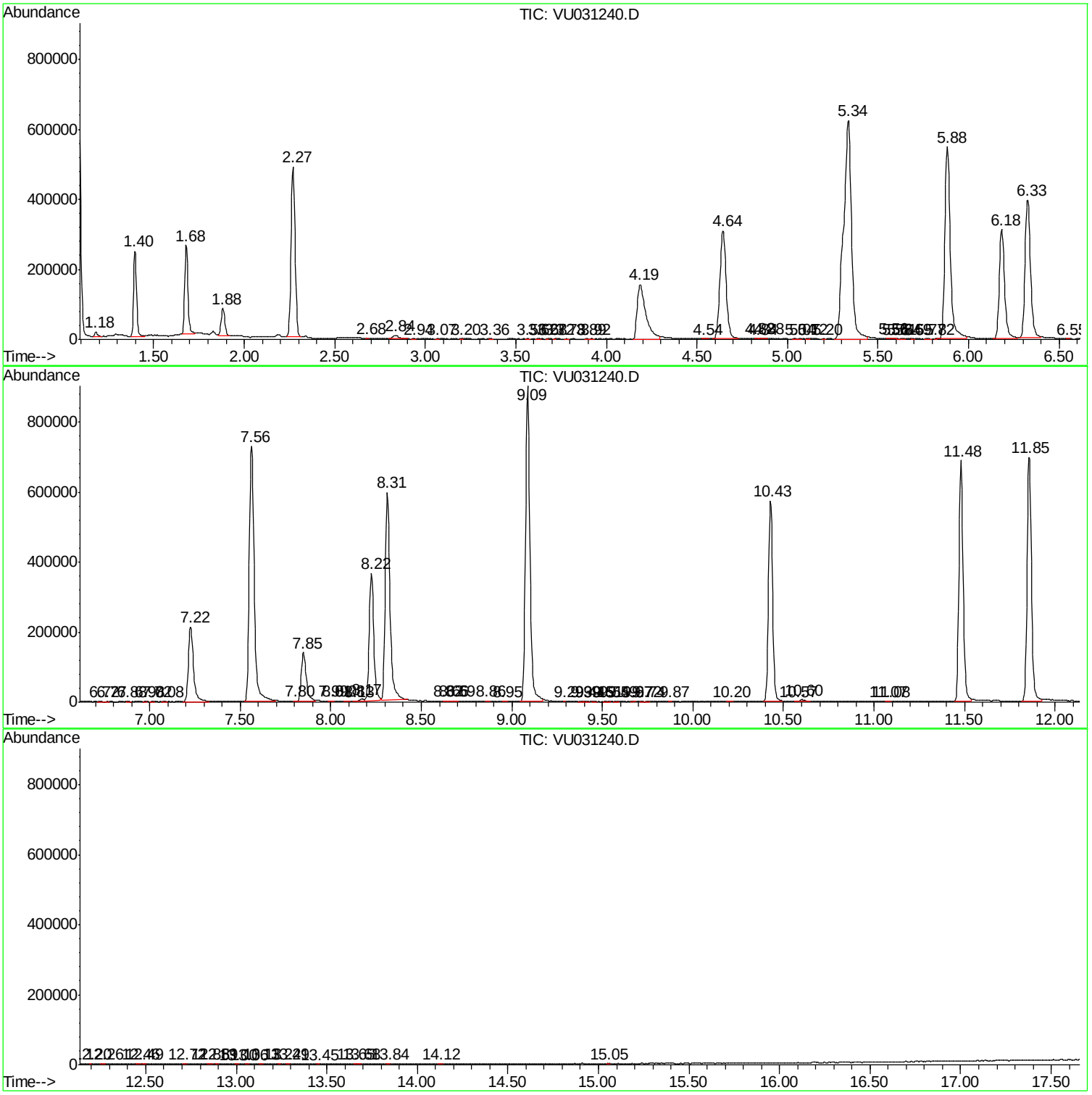
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XF4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.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\VU041719\
Data File : VU031240.D
Acq On : 17 Apr 2019 04:02
Operator : JC/SP
Sample : K2428-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0XF4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

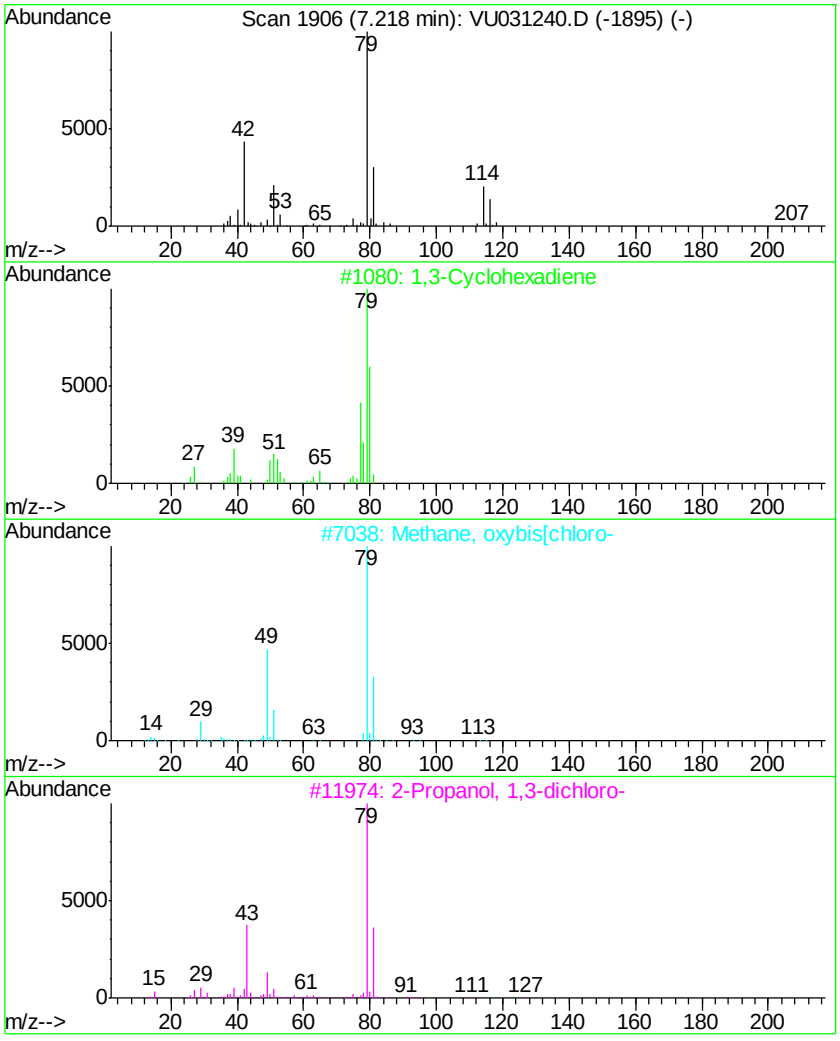
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

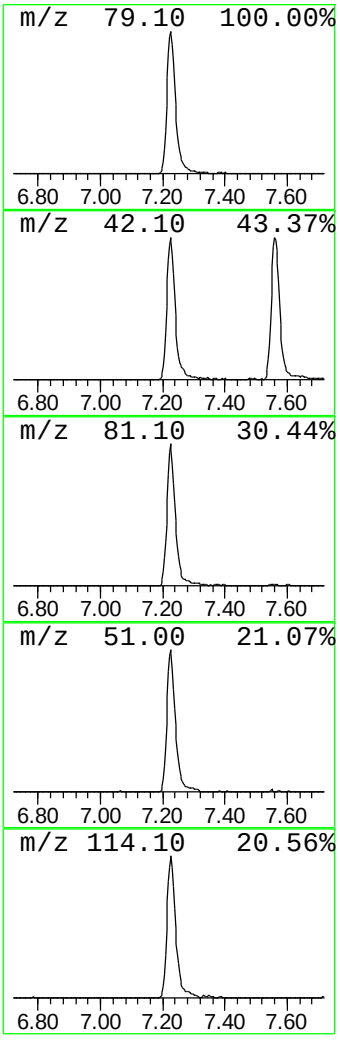
****

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	17.82 ug/L	416836	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclohexadiene	80	C6H8	000592-57-4	25
2	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	25
3	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	23
4	Thiophosgene	114	CCl2S	000463-71-8	16
5	3-Thiatricyclo[3.1.1.0(2,4)]heptane	112	C6H8S	1000221-37-0	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	7.22	17.8	ug/L	416836	1	5.88	1169660	50.0