LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
Data File : VU031618.D
Acq On : 30 Apr 2019 04:19
Operator : JC/SP
Sample : K2593-06 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0XD8

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\SOMULM042719WMA.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	33	rVB2	15810	13855	0.02%	0.012%
2	1.395	88	95	110	rBV	492780	541782	0.61%	0.471%
3	1.682	176	184	195	rBV	357894	448053	0.51%	0.390%
4	1.881	237	246	260	rVB	571756	800293	0.91%	0.696%
5	2.270	356	367	381	rBV	758687	1161341	1.32%	1.010%
6	2.473	427	430	433	rVB3	1431	1115	0.00%	0.001%
7	2.572	458	461	464	rVB4	1473	868	0.00%	0.001%
8	2.611	469	473	474	rBV4	1769	1232	0.00%	0.001%
9	2.701	492	501	508	rBV7	7092	11200	0.01%	0.010%
10	2.768	519	522	529	rVB4	1706	1362	0.00%	0.001%
11	2.804	529	533	535	rBV	1577	1167	0.00%	0.001%
12	2.971	578	585	587	rBV3	2770	2535	0.00%	0.002%
13	2.987	587	590	604	rVB9	3869	5998	0.01%	0.005%
14	3.051	607	610	615	rBV2	1305	1359	0.00%	0.001%
15	3.164	643	645	649	rVB4	1420	955	0.00%	0.001%
16	3.196	649	655	657	rBV	1001	965	0.00%	0.001%
17	3.247	668	671	675	rVB3	1511	1128	0.00%	0.001%
18	3.270	675	678	680	rBV3	1371	1014	0.00%	0.001%
19	3.350	700	703	709	rVB4	1127	1164	0.00%	0.001%
20	3.382	709	713	716	rBV2	1846	1379	0.00%	0.001%
21	3.537	754	761	764	rBV	1032	1031	0.00%	0.001%
22	3.582	769	775	778	rBV4	1214	1070	0.00%	0.001%
23	3.701	805	812	815	rBV4	1270	1518	0.00%	0.001%
24	3.762	827	831	834	rVB3	1300	1078	0.00%	0.001%
25	3.781	834	837	839	rBV3	1187	871	0.00%	0.001%
26	3.810	843	846	849	rBV2	1260	893	0.00%	0.001%
27	4.013	906	909	912	rBV2	1283	1078	0.00%	0.001%
28	4.141	946	949	951	rBV	1462	1008	0.00%	0.001%
29	4.186	951	963	1003	rBV2	279474	924225	1.05%	0.804%
30	4.508	1061	1063	1066	rBV3	1250	823	0.00%	0.001%
31	4.643	1086	1105	1134	rBV	521537	1253848	1.42%	1.091%
32	4.816	1156	1159	1163	rVB3	1505	1132	0.00%	0.001%
33	4.971	1204	1207	1211	rVV5	1377	1191	0.00%	0.001%
34	4.990	1211	1213	1219	rVV6	2320	1873	0.00%	0.002%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0XD8

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_U\METHOD\SOMULM042719WMA.M
Title : VOC Analysis

35	5.029	1221	1225	1229	rVB3	1827	1857	0.00%	0.002%
36	5.128	1244	1256	1257	rBV4	14193	18600	0.02%	0.016%
37	5.244	1288	1292	1296	rVB3	1293	1189	0.00%	0.001%
38	5.334	1296	1320	1348	rBV2	1056473	3177287	3.60%	2.765%
39	5.746	1444	1448	1450	rBV4	1093	834	0.00%	0.001%
40	5.881	1476	1490	1538	rVV	814567	1731067	1.96%	1.506%
41	6.183	1566	1584	1618	rBV	45705058	88234832	100.00%	76.772%
42	6.324	1621	1628	1667	rVB	789354	1816587	2.06%	1.581%
43	7.131	1876	1879	1884	rVB5	1755	1494	0.00%	0.001%
44	7.173	1885	1892	1894	rBV6	1660	1758	0.00%	0.002%
45	7.225	1896	1908	1935	rBV	347685	664861	0.75%	0.578%
46	7.562	2000	2013	2030	rBV	1251237	2265416	2.57%	1.971%
47	7.848	2091	2102	2125	rBV	232955	432614	0.49%	0.376%
48	8.061	2164	2168	2171	rBV4	3707	3388	0.00%	0.003%
49	8.135	2187	2191	2195	rVB4	1691	1458	0.00%	0.001%
50	8.167	2195	2201	2204	rBV4	1473	1771	0.00%	0.002%
51	8.225	2204	2219	2236	rBV	1339821	2363272	2.68%	2.056%
52	8.312	2236	2246	2293	rVB	955027	1957363	2.22%	1.703%
53	8.787	2391	2394	2401	rVB4	1834	1431	0.00%	0.001%
54	8.874	2417	2421	2429	rVB6	2223	3206	0.00%	0.003%
55	8.926	2433	2437	2438	rBV2	1370	1135	0.00%	0.001%
56	9.035	2469	2471	2475	rBV2	1295	880	0.00%	0.001%
57	9.086	2475	2487	2515	rBV	1235463	2149129	2.44%	1.870%
58	9.247	2534	2537	2538	rBV3	4062	2340	0.00%	0.002%
59	9.376	2566	2577	2589	rBV3	24774	46379	0.05%	0.040%
60	9.447	2596	2599	2602	rBV4	1695	1159	0.00%	0.001%
61	9.504	2612	2617	2622	rBV6	1753	1756	0.00%	0.002%
62	9.646	2656	2661	2666	rVB5	1606	1964	0.00%	0.002%
63	9.726	2683	2686	2689	rBV3	1023	819	0.00%	0.001%
64	9.781	2693	2703	2723	rVV3	20182	37225	0.04%	0.032%
65	9.893	2734	2738	2740	rVB2	1536	1009	0.00%	0.001%
66	9.987	2764	2767	2772	rVB5	1769	1498	0.00%	0.001%
67	10.025	2776	2779	2787	rVB3	1710	1623	0.00%	0.001%
68	10.135	2807	2813	2815	rBV3	1483	1437	0.00%	0.001%
69	10.170	2820	2824	2825	rBV3	2205	1733	0.00%	0.002%
70	10.244	2843	2847	2850	rVB3	1240	1077	0.00%	0.001%
71	10.302	2861	2865	2868	rBV3	1460	1181	0.00%	0.001%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0XD8

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\SOMULM042719WMA.M
Title : VOC Analysis

72	10.427	2890	2904	2935	rBV	883102	1434932	1.63%	1.249%
73	10.585	2949	2953	2955	rBV3	2887	2195	0.00%	0.002%
74	10.646	2967	2972	2974	rBV2	1754	1891	0.00%	0.002%
75	10.684	2976	2984	2994	rVV5	8842	15577	0.02%	0.014%
76	10.771	3008	3011	3018	rVB5	2576	3037	0.00%	0.003%
77	10.819	3023	3026	3030	rVB4	1460	1219	0.00%	0.001%
78	10.890	3045	3048	3051	rBV2	1179	1155	0.00%	0.001%
79	10.974	3064	3074	3085	rVB4	8950	15175	0.02%	0.013%
80	11.147	3121	3128	3139	rVB4	12938	20475	0.02%	0.018%
81	11.334	3182	3186	3191	rVB5	1628	1571	0.00%	0.001%
82	11.408	3200	3209	3211	rBV5	2183	2957	0.00%	0.003%
83	11.479	3220	3231	3249	rBV	973496	1586367	1.80%	1.380%
84	11.855	3336	3348	3373	rBV	1007784	1697559	1.92%	1.477%
85	12.205	3454	3457	3460	rBV4	1799	1147	0.00%	0.001%
86	12.276	3475	3479	3480	rBV3	1554	1079	0.00%	0.001%
87	12.311	3487	3490	3493	rBV4	2868	2091	0.00%	0.002%
88	12.482	3540	3543	3545	rBV3	1431	1051	0.00%	0.001%
89	12.636	3586	3591	3597	rBV3	1903	2200	0.00%	0.002%
90	12.713	3612	3615	3617	rBV2	1374	835	0.00%	0.001%
91	12.829	3648	3651	3656	rVB3	1213	1042	0.00%	0.001%
92	13.003	3701	3705	3709	rBV3	1392	974	0.00%	0.001%
93	13.115	3737	3740	3746	rVB5	1415	1215	0.00%	0.001%
94	13.565	3877	3880	3882	rBV3	1422	1106	0.00%	0.001%
95	13.659	3906	3909	3914	rBV4	2127	1809	0.00%	0.002%
96	13.880	3976	3978	3983	rBV3	1210	881	0.00%	0.001%
97	14.154	4060	4063	4067	rBV3	1831	1498	0.00%	0.001%
98	14.279	4099	4102	4107	rBV4	2533	2038	0.00%	0.002%
99	14.678	4219	4226	4228	rBV5	2858	3380	0.00%	0.003%
100	14.974	4316	4318	4321	rBV3	1561	1087	0.00%	0.001%

Sum of corrected areas: 114930576

LSC Report - Integrated Chromatogram

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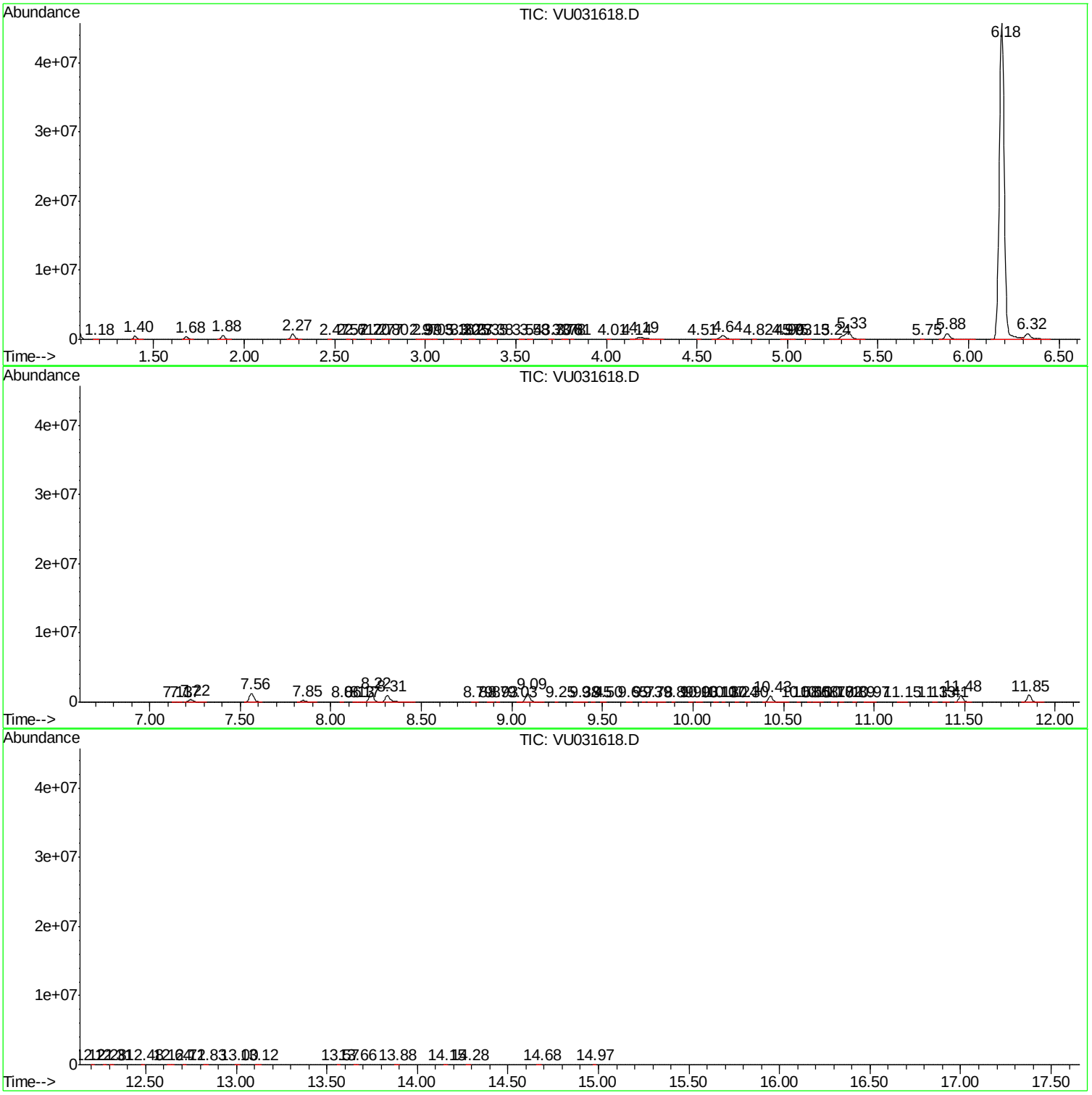
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0XD8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.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\VU042919\
Data File : VU031618.D
Acq On : 30 Apr 2019 04:19
Operator : JC/SP
Sample : K2593-06 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0XD8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

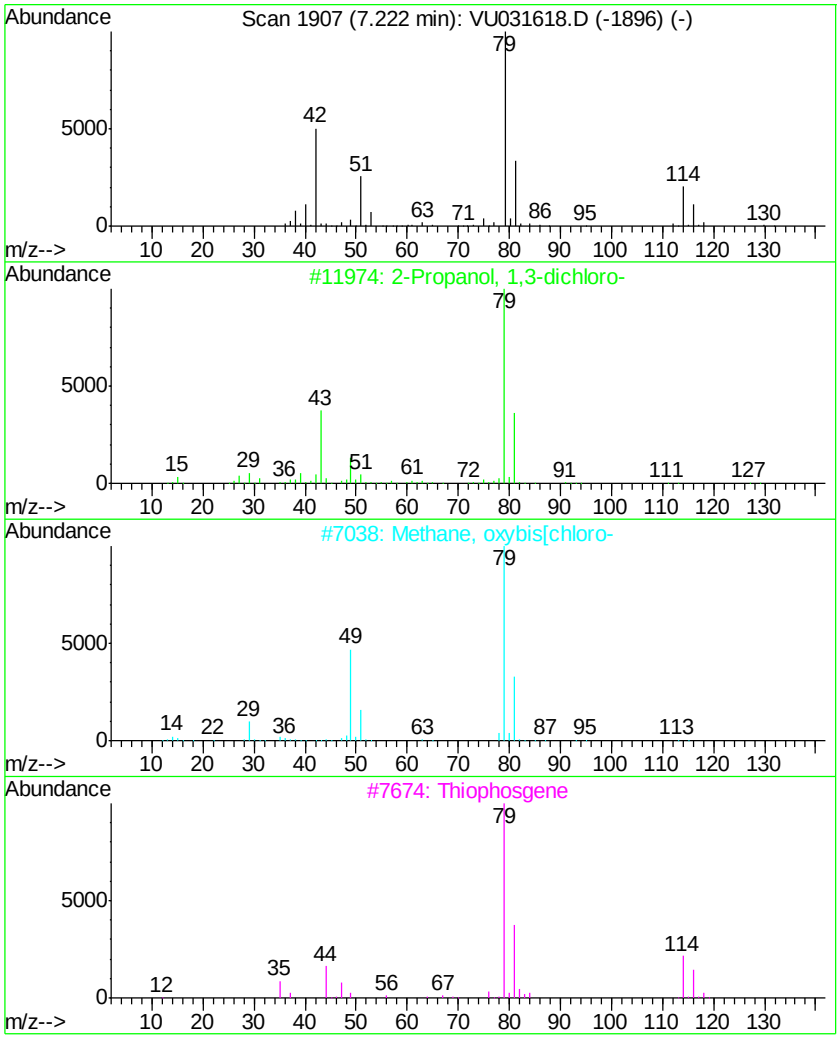
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

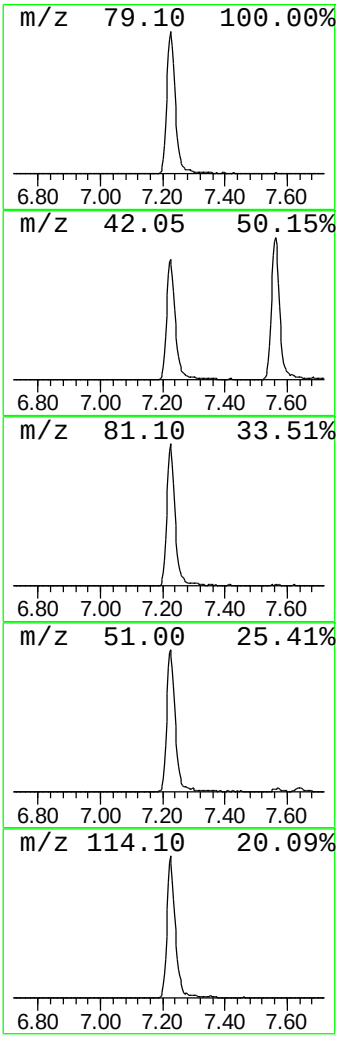
****

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	19.20 ug/L	664861	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	23
2	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	23
3	Thiophosgene	114	CCl2S	000463-71-8	16
4	3-Thiatricyclo[3.1.1.0(2,4)]heptane	112	C6H8S	1000221-37-0	9
5	1,3-Cyclohexadiene	80	C6H8	000592-57-4	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\
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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	19.2	ug/L	664861	1	5.88	1731070	50.0