LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040619\
Data File : VU030770.D
Acq On : 06 Apr 2019 02:35
Operator : JC/SP
Sample : K2269-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0BR6

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\SOMULM040519WMA.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	23	28	35	rBV2	13725	13710	0.70%	0.091%
2	1.396	88	95	107	rBV	313762	334505	17.11%	2.216%
3	1.675	175	182	196	rVB	221344	291861	14.93%	1.934%
4	2.267	356	366	377	rBV	475181	709528	36.30%	4.701%
5	2.441	412	420	433	rBV	16906	30050	1.54%	0.199%
6	2.608	465	472	474	rBV7	1169	1155	0.06%	0.008%
7	2.688	494	497	502	rBV6	954	819	0.04%	0.005%
8	2.714	503	505	513	rVB5	763	860	0.04%	0.006%
9	2.778	520	525	527	rBV3	513	407	0.02%	0.003%
10	2.833	529	542	559	rVV2	14185	32525	1.66%	0.216%
11	2.939	571	575	578	rVB4	724	540	0.03%	0.004%
12	2.978	581	587	590	rBV5	1699	2068	0.11%	0.014%
13	3.068	613	615	620	rVB3	620	440	0.02%	0.003%
14	3.103	623	626	630	rBV	405	368	0.02%	0.002%
15	3.161	642	644	648	rBV2	659	469	0.02%	0.003%
16	3.219	657	662	665	rVB4	874	611	0.03%	0.004%
17	3.235	665	667	675	rVB3	650	482	0.02%	0.003%
18	3.457	732	736	740	rVB4	420	410	0.02%	0.003%
19	3.482	740	744	749	rBV5	866	687	0.04%	0.005%
20	3.531	756	759	761	rBV2	553	388	0.02%	0.003%
21	3.553	764	766	770	rVB3	581	401	0.02%	0.003%
22	3.653	791	797	800	rBV3	674	741	0.04%	0.005%
23	3.691	806	809	815	rVB2	514	421	0.02%	0.003%
24	3.740	820	824	829	rBV2	620	812	0.04%	0.005%
25	3.781	834	837	841	rBV	693	608	0.03%	0.004%
26	3.910	874	877	881	rVV3	819	800	0.04%	0.005%
27	3.933	881	884	887	rVV2	868	642	0.03%	0.004%
28	4.074	923	928	931	rVV3	630	629	0.03%	0.004%
29	4.119	936	942	943	rBV2	524	600	0.03%	0.004%
30	4.174	945	959	1000	rBV3	255402	810862	41.49%	5.373%
31	4.396	1023	1028	1040	rVB3	7594	13696	0.70%	0.091%
32	4.643	1089	1105	1129	rBV	313332	753798	38.57%	4.994%
33	4.994	1207	1214	1218	rVB7	1206	1605	0.08%	0.011%
34	5.029	1218	1225	1227	rBV4	770	712	0.04%	0.005%

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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\SOMULM040519WMA.M
Title : VOC Analysis

35	5.113	1246	1251	1259	rVB6	1120	1883	0.10%	0.012%
36	5.151	1259	1263	1265	rBV2	700	572	0.03%	0.004%
37	5.196	1271	1277	1278	rBV5	574	623	0.03%	0.004%
38	5.225	1283	1286	1291	rVB3	580	493	0.03%	0.003%
39	5.254	1291	1295	1297	rBV3	709	547	0.03%	0.004%
40	5.334	1297	1320	1346	rBV2	662114	1954538	100.00%	12.950%
41	5.598	1400	1402	1405	rVB3	1284	734	0.04%	0.005%
42	5.749	1447	1449	1453	rVV5	811	542	0.03%	0.004%
43	5.817	1466	1470	1476	rVB5	1054	1348	0.07%	0.009%
44	5.881	1476	1490	1517	rBV	562435	1148092	58.74%	7.607%
45	6.190	1575	1586	1600	rVB4	22776	45375	2.32%	0.301%
46	6.264	1605	1609	1611	rBV3	565	372	0.02%	0.002%
47	6.328	1611	1629	1649	rBV2	432748	896015	45.84%	5.937%
48	6.614	1714	1718	1721	rVB3	889	721	0.04%	0.005%
49	6.749	1757	1760	1762	rVB2	721	392	0.02%	0.003%
50	6.765	1762	1765	1772	rBV3	833	992	0.05%	0.007%
51	6.823	1777	1783	1785	rVV2	954	809	0.04%	0.005%
52	6.836	1785	1787	1790	rVV	705	378	0.02%	0.003%
53	6.852	1790	1792	1796	rVB3	649	482	0.02%	0.003%
54	6.884	1796	1802	1807	rBV2	1119	1147	0.06%	0.008%
55	6.939	1816	1819	1822	rBV2	682	461	0.02%	0.003%
56	6.990	1833	1835	1838	rVV2	641	394	0.02%	0.003%
57	7.084	1859	1864	1865	rBV3	551	490	0.03%	0.003%
58	7.225	1896	1908	1940	rBV	209061	397942	20.36%	2.637%
59	7.383	1955	1957	1962	rVB5	2035	1266	0.06%	0.008%
60	7.495	1989	1992	1998	rBV5	885	781	0.04%	0.005%
61	7.563	1998	2013	2036	rBV	833254	1475934	75.51%	9.779%
62	7.849	2091	2102	2124	rBV2	141828	262206	13.42%	1.737%
63	8.177	2194	2204	2210	rVB7	1875	3522	0.18%	0.023%
64	8.309	2232	2245	2284	rBV	572530	1128565	57.74%	7.478%
65	8.694	2359	2365	2367	rBV2	829	824	0.04%	0.005%
66	8.743	2378	2380	2384	rVB2	581	383	0.02%	0.003%
67	8.855	2409	2415	2418	rBV3	911	840	0.04%	0.006%
68	9.087	2474	2487	2518	rBV	828226	1427917	73.06%	9.461%
69	9.334	2562	2564	2567	rBV3	1030	585	0.03%	0.004%
70	9.363	2571	2573	2575	rVB3	1041	399	0.02%	0.003%
71	9.501	2611	2616	2618	rBV3	745	538	0.03%	0.004%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Title : VOC Analysis

72	9.614	2646	2651	2653	rBV2	1423	1343	0.07%	0.009%
73	9.829	2715	2718	2726	rVB5	943	1006	0.05%	0.007%
74	9.890	2735	2737	2741	rBV3	615	449	0.02%	0.003%
75	9.977	2760	2764	2769	rBV2	509	396	0.02%	0.003%
76	10.016	2769	2776	2784	rVB5	897	1569	0.08%	0.010%
77	10.051	2784	2787	2788	rBV	599	391	0.02%	0.003%
78	10.186	2825	2829	2831	rBV2	663	490	0.03%	0.003%
79	10.273	2852	2856	2857	rBV	1076	685	0.04%	0.005%
80	10.302	2862	2865	2867	rBV2	676	487	0.02%	0.003%
81	10.427	2890	2904	2927	rBV	563565	935422	47.86%	6.198%
82	10.601	2950	2958	2963	rBV5	1981	2569	0.13%	0.017%
83	10.874	3040	3043	3048	rBV4	560	510	0.03%	0.003%
84	11.061	3099	3101	3104	rVB	839	434	0.02%	0.003%
85	11.263	3161	3164	3165	rBV2	631	387	0.02%	0.003%
86	11.479	3219	3231	3256	rBV	711821	1184485	60.60%	7.848%
87	11.797	3328	3330	3333	rBV2	856	486	0.02%	0.003%
88	11.858	3336	3349	3373	rBV	694110	1184838	60.62%	7.850%
89	12.173	3443	3447	3452	rVB5	1605	1799	0.09%	0.012%
90	12.199	3452	3455	3460	rBV3	1077	858	0.04%	0.006%
91	12.681	3601	3605	3610	rBV3	1232	1171	0.06%	0.008%
92	12.736	3620	3622	3626	rBV3	735	379	0.02%	0.003%
93	12.849	3655	3657	3659	rBV2	716	431	0.02%	0.003%
94	13.064	3722	3724	3726	rBV3	767	487	0.02%	0.003%
95	13.234	3775	3777	3781	rBV3	523	467	0.02%	0.003%
96	13.392	3822	3826	3831	rVB6	734	818	0.04%	0.005%
97	14.077	4037	4039	4043	rVB5	1191	665	0.03%	0.004%
98	14.527	4177	4179	4182	rBV2	870	471	0.02%	0.003%
99	14.620	4205	4208	4212	rBV3	928	922	0.05%	0.006%
100	15.932	4613	4616	4617	rBV2	1636	908	0.05%	0.006%

Sum of corrected areas: 15092635

LSC Report - Integrated Chromatogram

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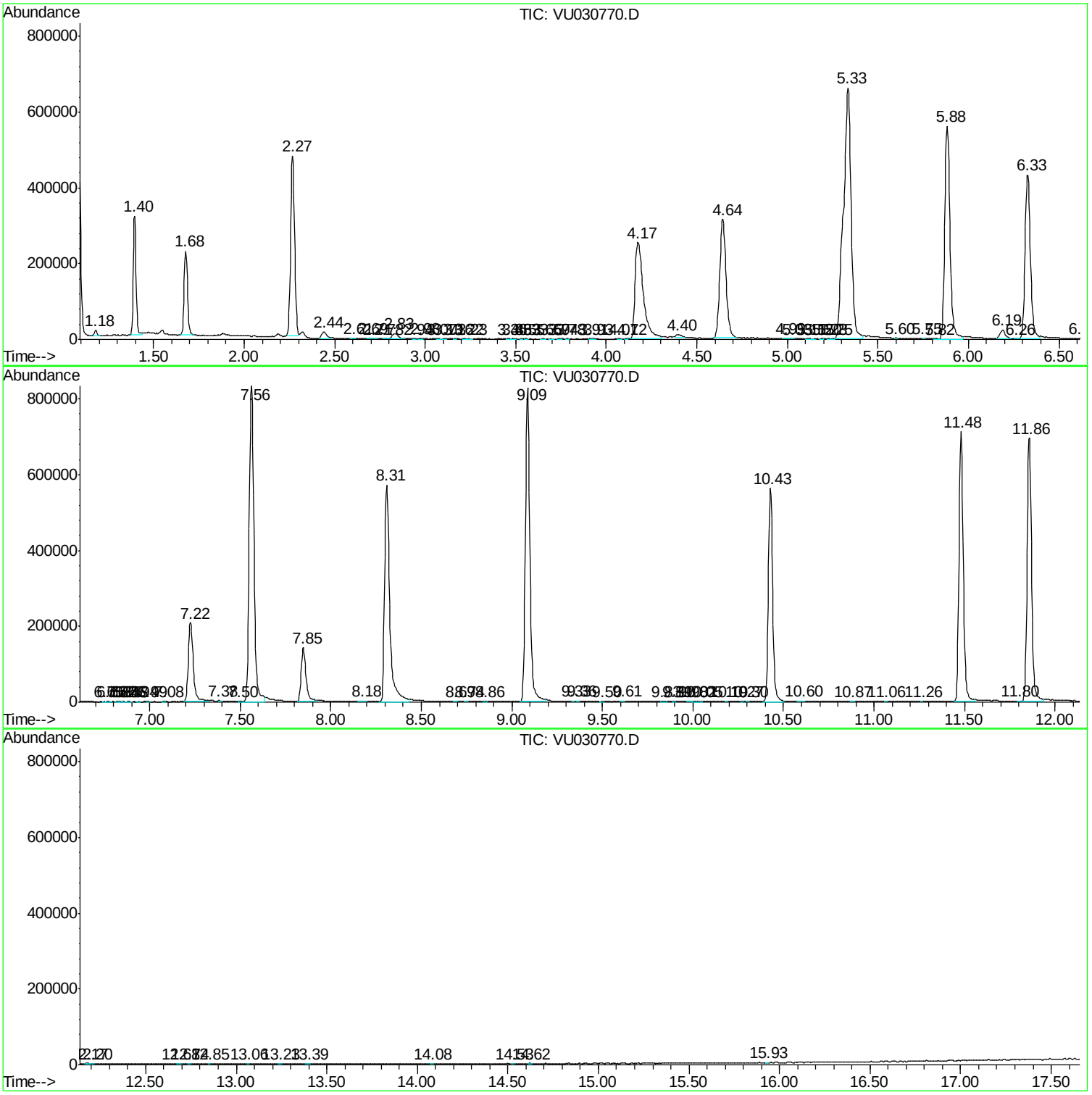
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0BR6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.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\VU040619\
Data File : VU030770.D
Acq On : 06 Apr 2019 02:35
Operator : JC/SP
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ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0BR6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

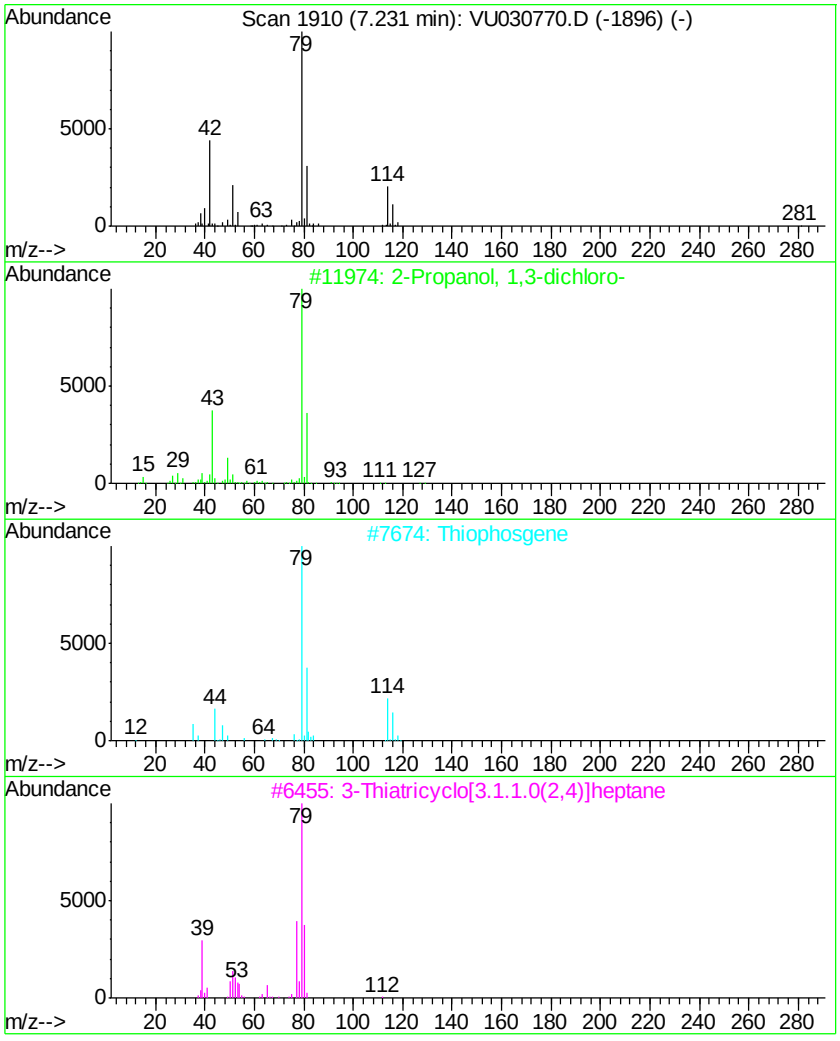
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

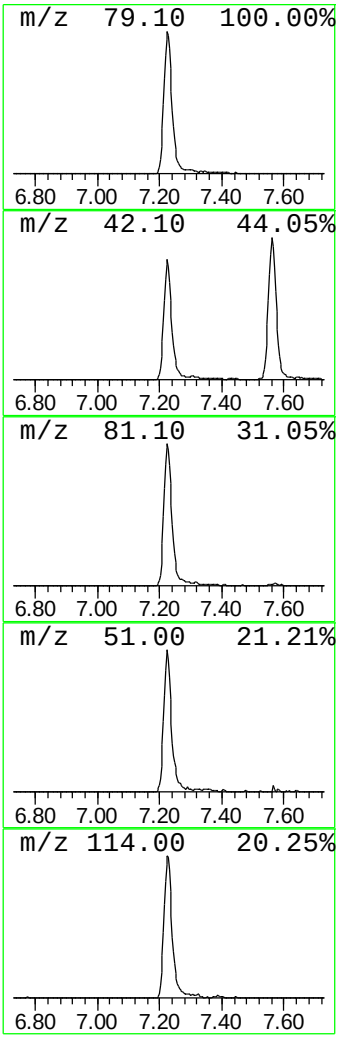
****

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	17.33 ug/L	397942	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	Thiophosgene	114	CCl2S	000463-71-8	16
3	3-Thiatricyclo[3.1.1.0(2,4)]heptane	112	C6H8S	1000221-37-0	9
4	1,3-Cyclohexadiene	80	C6H8	000592-57-4	9
5	.alpha.,.alpha.-Dichloromethyl m...	114	C2H4Cl2O	004885-02-3	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	7.23	17.3	ug/L	397942	1	5.88	1148090	50.0