LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031919\
Data File : VU030194.D
Acq On : 19 Mar 2019 15:14
Operator : JC/SP
Sample : K1918-14
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0971

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\SOMULM031919WMA.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	1.183	25	29	36	rVB	11590	9685	0.18%	0.047%
2	1.399	89	96	106	rBV	303352	307401	5.81%	1.483%
3	1.682	176	184	198	rBV	217244	275437	5.21%	1.329%
4	2.270	357	367	379	rBV	478835	721560	13.64%	3.482%
5	2.444	407	421	465	rBV	3059318	5291556	100.00%	25.532%
6	3.627	787	789	795	rBV	1372	1268	0.02%	0.006%
7	3.736	820	823	825	rBV	1557	996	0.02%	0.005%
8	3.845	851	857	861	rBV	1777	2169	0.04%	0.010%
9	4.173	947	959	987	rBV	169939	444520	8.40%	2.145%
10	4.646	1089	1106	1131	rBV	316812	763482	14.43%	3.684%
11	5.173	1268	1270	1273	rVB	1469	886	0.02%	0.004%
12	5.196	1273	1277	1281	rBV	1032	1149	0.02%	0.006%
13	5.337	1297	1321	1353	rBV2	673753	1970732	37.24%	9.509%
14	5.598	1398	1402	1408	rBV	1953	1981	0.04%	0.010%
15	5.794	1459	1463	1470	rVB	1357	1543	0.03%	0.007%
16	5.884	1477	1491	1525	rBV	574784	1164944	22.02%	5.621%
17	6.170	1576	1580	1584	rBV2	1165	1109	0.02%	0.005%
18	6.254	1601	1606	1610	rVB2	1399	1424	0.03%	0.007%
19	6.328	1612	1629	1664	rBV	419020	871198	16.46%	4.204%
20	6.514	1682	1687	1688	rBV2	1188	986	0.02%	0.005%
21	6.742	1754	1758	1763	rBV2	1072	1372	0.03%	0.007%
22	6.784	1766	1771	1777	rVV3	1660	2075	0.04%	0.010%
23	6.958	1823	1825	1832	rVV	1789	1855	0.04%	0.009%
24	7.000	1835	1838	1843	rVB2	1046	887	0.02%	0.004%
25	7.106	1864	1871	1875	rBV	2272	2695	0.05%	0.013%
26	7.225	1894	1908	1935	rBV	242530	448777	8.48%	2.165%
27	7.389	1954	1959	1968	rVB5	1442	2164	0.04%	0.010%
28	7.456	1977	1980	1982	rBV3	1428	1022	0.02%	0.005%
29	7.562	2000	2013	2035	rBV	930623	1637681	30.95%	7.902%
30	7.845	2090	2101	2122	rBV	165630	300825	5.69%	1.451%
31	8.112	2181	2184	2189	rVB2	1260	1048	0.02%	0.005%
32	8.138	2189	2192	2194	rBV	1562	1089	0.02%	0.005%
33	8.176	2194	2204	2213	rVV2	18507	33426	0.63%	0.161%
34	8.308	2233	2245	2285	rBV	582881	1053802	19.91%	5.085%

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Sample : K1918-14
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0971

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\SOMULM031919WMA.M
Title : VOC Analysis

35	8.469	2291	2295	2306	rVB3	5504	7554	0.14%	0.036%
36	8.572	2324	2327	2329	rBV	1362	821	0.02%	0.004%
37	8.739	2373	2379	2384	rBV2	1053	1387	0.03%	0.007%
38	8.784	2389	2393	2399	rVB2	1790	1436	0.03%	0.007%
39	8.816	2399	2403	2410	rBV2	1308	1278	0.02%	0.006%
40	8.871	2417	2420	2428	rVB	1144	1336	0.03%	0.006%
41	8.910	2428	2432	2439	rBV	1651	1894	0.04%	0.009%
42	9.022	2462	2467	2470	rBV2	1065	811	0.02%	0.004%
43	9.086	2474	2487	2512	rBV	850192	1439982	27.21%	6.948%
44	9.250	2532	2538	2541	rBV3	2300	2725	0.05%	0.013%
45	9.376	2571	2577	2585	rVB2	1855	2501	0.05%	0.012%
46	9.463	2597	2604	2607	rBV3	1091	1416	0.03%	0.007%
47	9.511	2614	2619	2622	rBV	1078	1154	0.02%	0.006%
48	9.598	2642	2646	2652	rVB3	1047	964	0.02%	0.005%
49	9.784	2700	2704	2706	rBV	1171	944	0.02%	0.005%
50	9.926	2743	2748	2753	rBV2	1150	1401	0.03%	0.007%
51	10.019	2772	2777	2780	rBV	1173	1228	0.02%	0.006%
52	10.125	2807	2810	2817	rVB2	969	1080	0.02%	0.005%
53	10.167	2820	2823	2827	rVV2	1797	1236	0.02%	0.006%
54	10.192	2828	2831	2836	rVB3	1034	999	0.02%	0.005%
55	10.234	2840	2844	2848	rVB2	1593	1522	0.03%	0.007%
56	10.270	2849	2855	2859	rBV	1729	1561	0.03%	0.008%
57	10.305	2862	2866	2869	rBV	1140	885	0.02%	0.004%
58	10.427	2890	2904	2924	rVV	630028	1014815	19.18%	4.897%
59	10.607	2949	2960	2969	rBV3	19478	31880	0.60%	0.154%
60	10.700	2986	2989	2994	rBV3	1158	1030	0.02%	0.005%
61	10.755	3003	3006	3008	rBV	1600	1136	0.02%	0.005%
62	10.926	3054	3059	3063	rBV	1473	1465	0.03%	0.007%
63	11.028	3087	3091	3095	rVB2	1085	926	0.02%	0.004%
64	11.073	3100	3105	3108	rBV2	1379	1462	0.03%	0.007%
65	11.131	3120	3123	3129	rVB3	1173	1084	0.02%	0.005%
66	11.176	3129	3137	3140	rBV4	1480	1910	0.04%	0.009%
67	11.221	3149	3151	3156	rVB2	1767	1429	0.03%	0.007%
68	11.254	3156	3161	3163	rBV2	1980	1645	0.03%	0.008%
69	11.376	3194	3199	3201	rBV	1004	814	0.02%	0.004%
70	11.417	3201	3212	3218	rBV7	3764	6419	0.12%	0.031%
71	11.482	3220	3232	3256	rVV	823623	1354996	25.61%	6.538%

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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId : C0971

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\SOMULM031919WMA.M
Title : VOC Analysis

72	11.700	3296	3300	3304	rBV	1795	1714	0.03%	0.008%
73	11.790	3325	3328	3331	rBV	1714	1274	0.02%	0.006%
74	11.858	3335	3349	3370	rBV	886351	1455792	27.51%	7.024%
75	12.070	3411	3415	3419	rVB2	1673	1493	0.03%	0.007%
76	12.112	3425	3428	3437	rBV2	1889	2916	0.06%	0.014%
77	12.170	3443	3446	3452	rVB2	1400	1139	0.02%	0.005%
78	12.237	3462	3467	3470	rBV4	1255	1217	0.02%	0.006%
79	12.273	3474	3478	3479	rBV	1021	789	0.01%	0.004%
80	12.360	3501	3505	3508	rVB	1094	814	0.02%	0.004%
81	12.401	3515	3518	3526	rVB	1945	1769	0.03%	0.009%
82	12.479	3532	3542	3550	rBV4	5879	9547	0.18%	0.046%
83	12.668	3597	3601	3606	rVB	1883	1478	0.03%	0.007%
84	12.697	3606	3610	3616	rBV	1072	1348	0.03%	0.007%
85	12.842	3649	3655	3658	rBV	2000	2312	0.04%	0.011%
86	12.887	3665	3669	3682	rVB6	3831	6414	0.12%	0.031%
87	13.086	3727	3731	3733	rBV	1163	842	0.02%	0.004%
88	13.202	3763	3767	3771	rBV2	958	994	0.02%	0.005%
89	13.253	3779	3783	3788	rBV3	1080	1083	0.02%	0.005%
90	13.279	3788	3791	3793	rBV	1217	867	0.02%	0.004%
91	13.604	3890	3892	3895	rVB	1459	840	0.02%	0.004%
92	13.623	3895	3898	3903	rBV	1114	889	0.02%	0.004%
93	13.945	3994	3998	4003	rBV	1500	1365	0.03%	0.007%
94	14.353	4121	4125	4128	rBV2	1279	1359	0.03%	0.007%
95	14.784	4256	4259	4263	rBV3	1360	1085	0.02%	0.005%
96	15.105	4356	4359	4363	rVB	1650	1337	0.03%	0.006%
97	15.131	4364	4367	4370	rBV2	1621	1125	0.02%	0.005%
98	15.186	4381	4384	4388	rVB2	1621	1034	0.02%	0.005%
99	15.343	4429	4433	4436	rBV	1369	1108	0.02%	0.005%
100	15.871	4595	4597	4600	rBV	1750	1314	0.02%	0.006%

Sum of corrected areas: 20725128

LSC Report - Integrated Chromatogram

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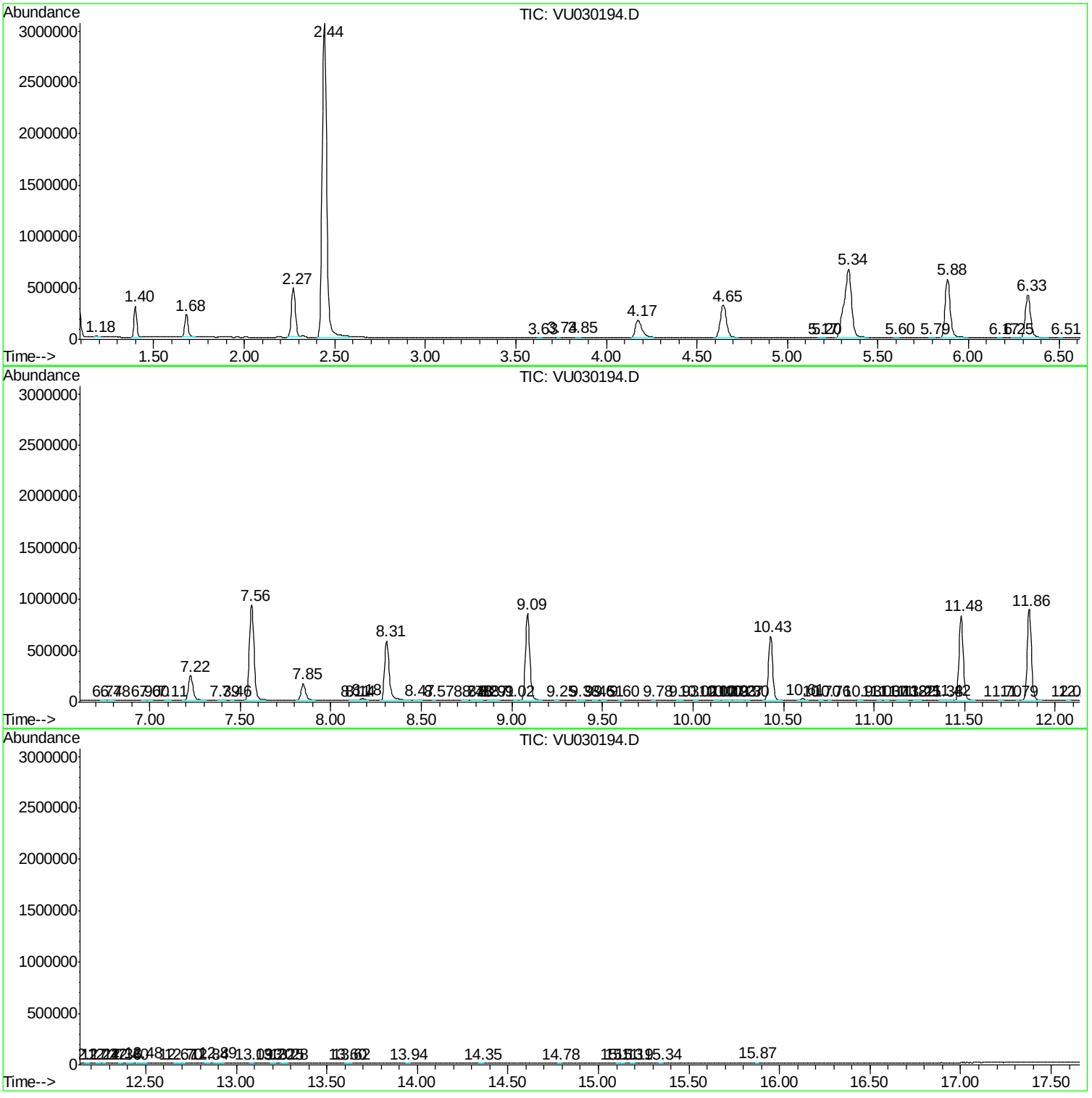
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0971

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.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\VU031919\
Data File : VU030194.D
Acq On : 19 Mar 2019 15:14
Operator : JC/SP
Sample : K1918-14
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0971

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis

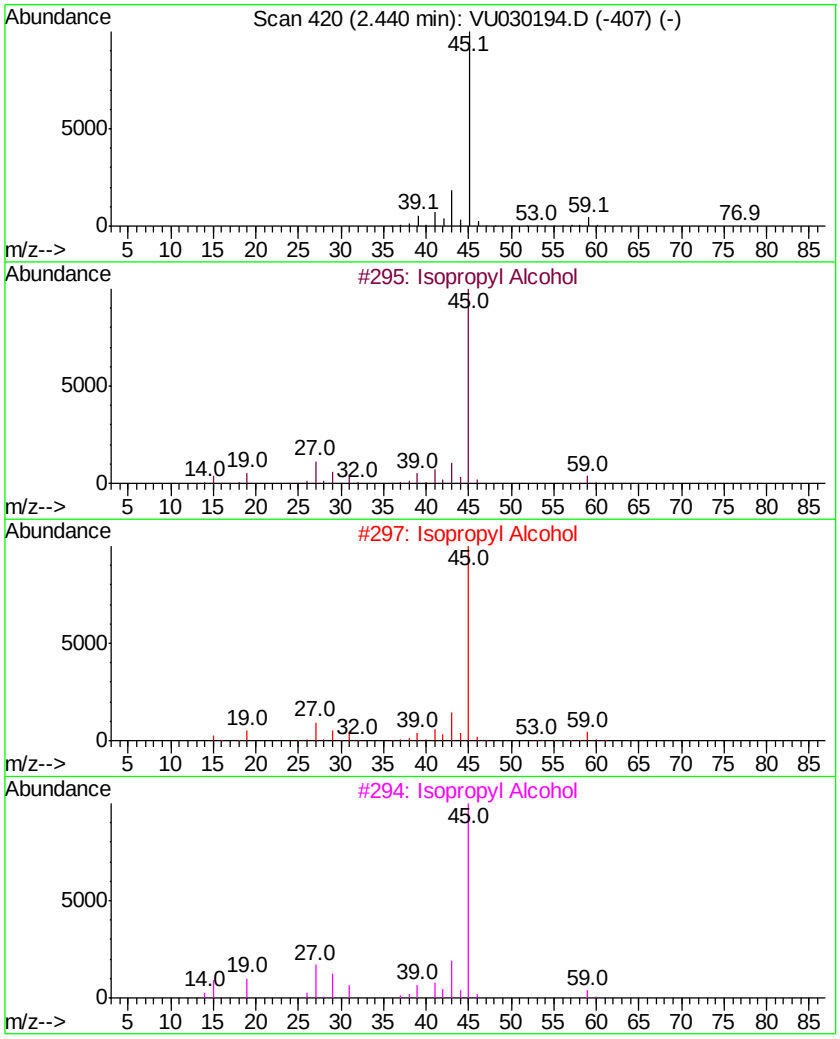
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

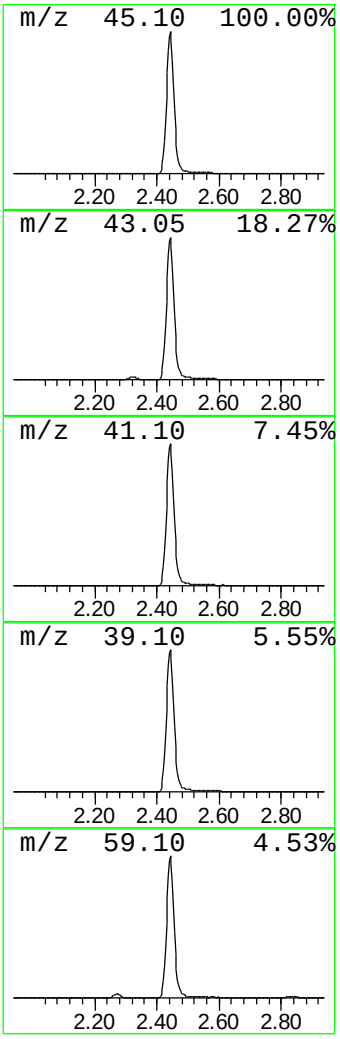
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	227.12 ug/L	5291560	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	4-Penten-2-ol	86	C5H10O	000625-31-0	9
5	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031919\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
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
Isopropyl Alcohol	2.44	227.1	ug/L	5291560	1	5.88	1164940	50.0