LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
Data File : VU032962.D
Acq On : 21 Jun 2019 22:09
Operator : JC/SP
Sample : K3464-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF33

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\SOMULM061719WMA.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	1.395	86	95	107	rBV	79120	81304	12.06%	1.444%
2	1.675	175	182	195	rVB	67623	79644	11.81%	1.415%
3	2.267	356	366	377	rVB	128112	193539	28.71%	3.437%
4	2.440	410	420	437	rBV	25578	47872	7.10%	0.850%
5	2.704	498	502	505	rVB3	328	199	0.03%	0.004%
6	2.829	533	541	555	rVB6	2669	5961	0.88%	0.106%
7	2.977	584	587	592	rVB4	401	305	0.05%	0.005%
8	3.042	603	607	610	rBV3	286	205	0.03%	0.004%
9	3.077	616	618	623	rVB2	419	271	0.04%	0.005%
10	3.112	625	629	633	rVB2	380	354	0.05%	0.006%
11	3.141	633	638	640	rBV	375	348	0.05%	0.006%
12	3.180	640	650	664	rBV3	6955	14934	2.22%	0.265%
13	3.305	684	689	694	rBV2	402	496	0.07%	0.009%
14	3.328	694	696	702	rVB3	446	363	0.05%	0.006%
15	3.360	702	706	710	rBV2	312	264	0.04%	0.005%
16	3.399	714	718	720	rBV2	312	233	0.03%	0.004%
17	3.563	766	769	774	rVB2	431	287	0.04%	0.005%
18	3.598	776	780	785	rBV3	375	355	0.05%	0.006%
19	3.636	790	792	796	rVB2	303	233	0.03%	0.004%
20	3.662	796	800	805	rBV3	233	239	0.04%	0.004%
21	3.698	805	811	817	rBV2	320	438	0.06%	0.008%
22	3.765	830	832	839	rVB2	362	328	0.05%	0.006%
23	3.839	852	855	859	rBV2	242	221	0.03%	0.004%
24	3.936	878	885	888	rBV3	335	372	0.06%	0.007%
25	4.119	938	942	944	rBV2	280	225	0.03%	0.004%
26	4.170	946	958	990	rBV	69634	191926	28.47%	3.409%
27	4.366	1016	1019	1021	rBV2	402	304	0.05%	0.005%
28	4.640	1086	1104	1132	rBV	119410	280597	41.62%	4.984%
29	4.839	1164	1166	1171	rVB	456	281	0.04%	0.005%
30	4.881	1175	1179	1180	rBV	445	344	0.05%	0.006%
31	4.932	1191	1195	1197	rVB	299	208	0.03%	0.004%
32	5.016	1218	1221	1226	rBV2	399	392	0.06%	0.007%
33	5.042	1226	1229	1232	rBV	248	216	0.03%	0.004%
34	5.331	1296	1319	1346	rBV2	223474	674148	100.00%	11.974%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
Data File : VU032962.D
Acq On : 21 Jun 2019 22:09
Operator : JC/SP
Sample : K3464-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF33

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\SOMULM061719WMA.M
Title : VOC Analysis

35	5.681	1423	1428	1430	rVV2	427	335	0.05%	0.006%
36	5.694	1430	1432	1436	rVV2	449	318	0.05%	0.006%
37	5.717	1436	1439	1446	rVV2	362	374	0.06%	0.007%
38	5.784	1456	1460	1463	rBV3	858	807	0.12%	0.014%
39	5.881	1476	1490	1509	rBV	238772	467116	69.29%	8.297%
40	6.173	1569	1581	1589	rBV6	3346	6322	0.94%	0.112%
41	6.324	1609	1628	1650	rBV	159378	320833	47.59%	5.698%
42	6.447	1661	1666	1668	rBV4	479	439	0.07%	0.008%
43	6.498	1679	1682	1685	rBV2	334	244	0.04%	0.004%
44	6.569	1699	1704	1705	rBV2	245	257	0.04%	0.005%
45	6.659	1728	1732	1735	rVB3	266	221	0.03%	0.004%
46	6.685	1735	1740	1745	rVB2	335	332	0.05%	0.006%
47	6.723	1748	1752	1758	rBV2	339	480	0.07%	0.009%
48	6.765	1758	1765	1767	rBV	188	221	0.03%	0.004%
49	6.787	1767	1772	1776	rVB2	300	241	0.04%	0.004%
50	6.816	1776	1781	1784	rBV5	1379	1348	0.20%	0.024%
51	6.874	1797	1799	1803	rVB3	376	267	0.04%	0.005%
52	6.984	1828	1833	1834	rBV2	223	201	0.03%	0.004%
53	7.051	1847	1854	1857	rBV3	285	266	0.04%	0.005%
54	7.132	1876	1879	1881	rBV	359	281	0.04%	0.005%
55	7.170	1886	1891	1894	rBV2	329	310	0.05%	0.006%
56	7.222	1896	1907	1931	rBV	86516	155893	23.12%	2.769%
57	7.328	1938	1940	1946	rVB2	422	284	0.04%	0.005%
58	7.389	1948	1959	1970	rVV4	7257	13291	1.97%	0.236%
59	7.559	1999	2012	2033	rBV	287369	499478	74.09%	8.871%
60	7.845	2090	2101	2123	rBV2	60670	107593	15.96%	1.911%
61	8.138	2189	2192	2195	rVV	253	202	0.03%	0.004%
62	8.170	2195	2202	2216	rVB3	3427	6258	0.93%	0.111%
63	8.305	2233	2244	2278	rBV	204863	382187	56.69%	6.788%
64	8.572	2323	2327	2330	rVB4	379	332	0.05%	0.006%
65	8.598	2330	2335	2340	rVB3	446	418	0.06%	0.007%
66	8.646	2345	2350	2352	rBV3	330	311	0.05%	0.006%
67	8.697	2361	2366	2371	rBV2	240	324	0.05%	0.006%
68	8.984	2447	2455	2458	rVV2	397	515	0.08%	0.009%
69	9.003	2458	2461	2465	rBV2	280	244	0.04%	0.004%
70	9.083	2474	2486	2505	rBV	360347	597384	88.61%	10.610%
71	9.279	2543	2547	2552	rBV2	199	209	0.03%	0.004%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
Data File : VU032962.D
Acq On : 21 Jun 2019 22:09
Operator : JC/SP
Sample : K3464-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF33

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\SOMULM061719WMA.M
Title : VOC Analysis

72	9.305	2552	2555	2560	rVB2	355	297	0.04%	0.005%
73	9.360	2566	2572	2579	rBV5	1809	2673	0.40%	0.047%
74	9.421	2586	2591	2599	rVB6	1023	1345	0.20%	0.024%
75	9.662	2663	2666	2673	rVV3	285	372	0.06%	0.007%
76	9.736	2686	2689	2692	rBV2	342	230	0.03%	0.004%
77	9.778	2699	2702	2706	rVB2	312	229	0.03%	0.004%
78	9.852	2722	2725	2730	rVB3	249	213	0.03%	0.004%
79	10.022	2774	2778	2781	rBV2	294	257	0.04%	0.005%
80	10.218	2833	2839	2848	rBV4	1182	1788	0.27%	0.032%
81	10.270	2849	2855	2857	rBV2	367	404	0.06%	0.007%
82	10.427	2891	2904	2923	rBV	241786	390891	57.98%	6.943%
83	10.604	2951	2959	2973	rVB3	4592	8048	1.19%	0.143%
84	10.733	2996	2999	3002	rBV2	309	220	0.03%	0.004%
85	10.755	3002	3006	3009	rBV	361	323	0.05%	0.006%
86	10.826	3024	3028	3032	rVB3	255	211	0.03%	0.004%
87	10.913	3052	3055	3059	rBV2	240	210	0.03%	0.004%
88	11.057	3096	3100	3105	rBV2	329	390	0.06%	0.007%
89	11.228	3148	3153	3156	rBV2	333	373	0.06%	0.007%
90	11.305	3174	3177	3181	rVB2	333	219	0.03%	0.004%
91	11.408	3208	3209	3216	rBV2	302	281	0.04%	0.005%
92	11.479	3219	3231	3257	rBV	351604	563599	83.60%	10.010%
93	11.649	3282	3284	3289	rBV3	395	293	0.04%	0.005%
94	11.855	3335	3348	3372	rBV	305191	510137	75.67%	9.061%
95	12.157	3439	3442	3447	rVB4	716	470	0.07%	0.008%
96	12.479	3533	3542	3547	rBV3	1056	1643	0.24%	0.029%
97	12.771	3631	3633	3640	rVB2	406	381	0.06%	0.007%
98	13.353	3809	3814	3816	rBV2	398	401	0.06%	0.007%
99	14.157	4062	4064	4068	rVB2	519	219	0.03%	0.004%
100	14.286	4100	4104	4109	rBV2	542	599	0.09%	0.011%

Sum of corrected areas: 5630258

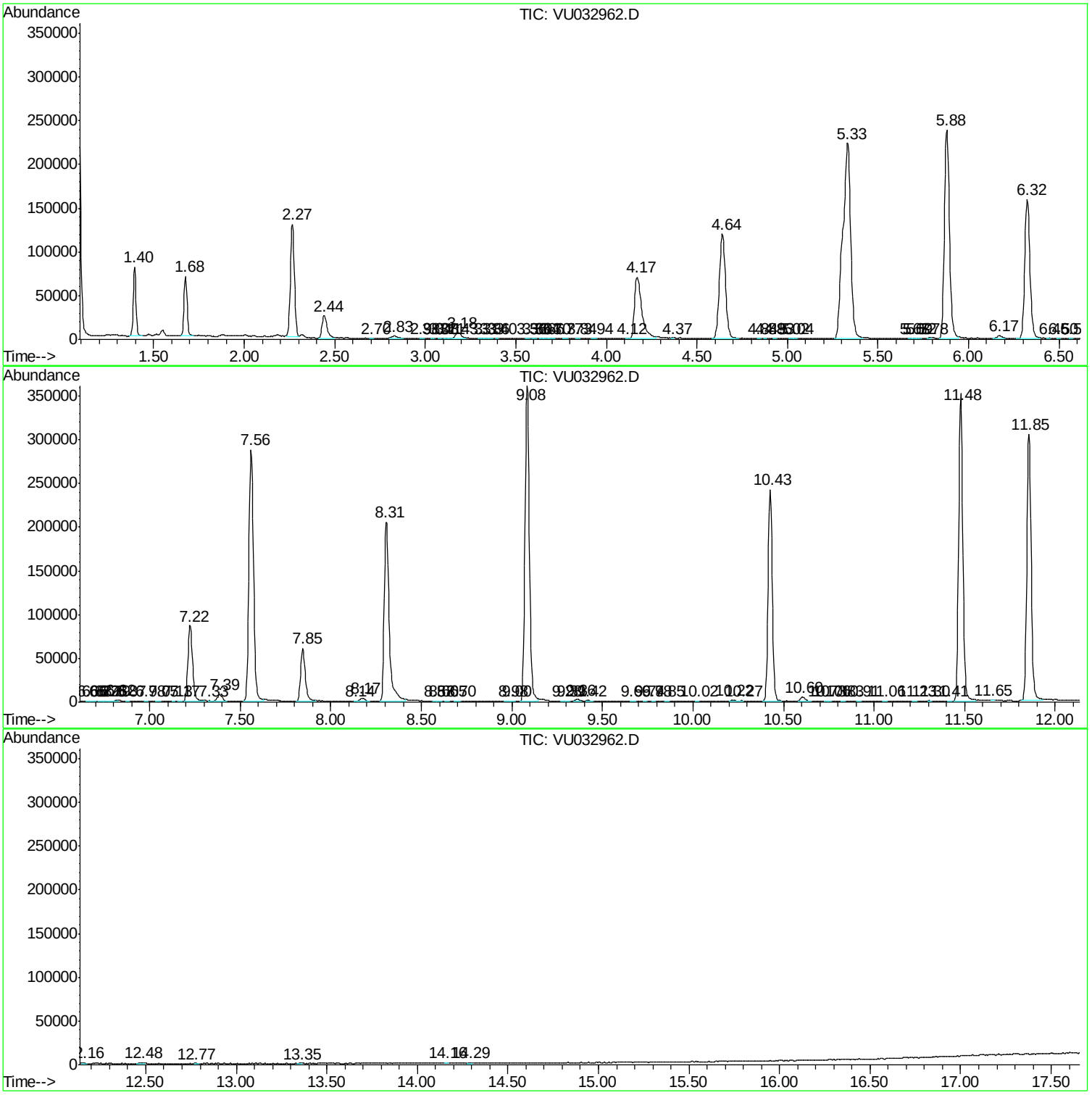
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
Data File : VU032962.D
Acq On : 21 Jun 2019 22:09
Operator : JC/SP
Sample : K3464-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF33

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.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\VU062219\
Data File : VU032962.D
Acq On : 21 Jun 2019 22:09
Operator : JC/SP
Sample : K3464-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF33

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

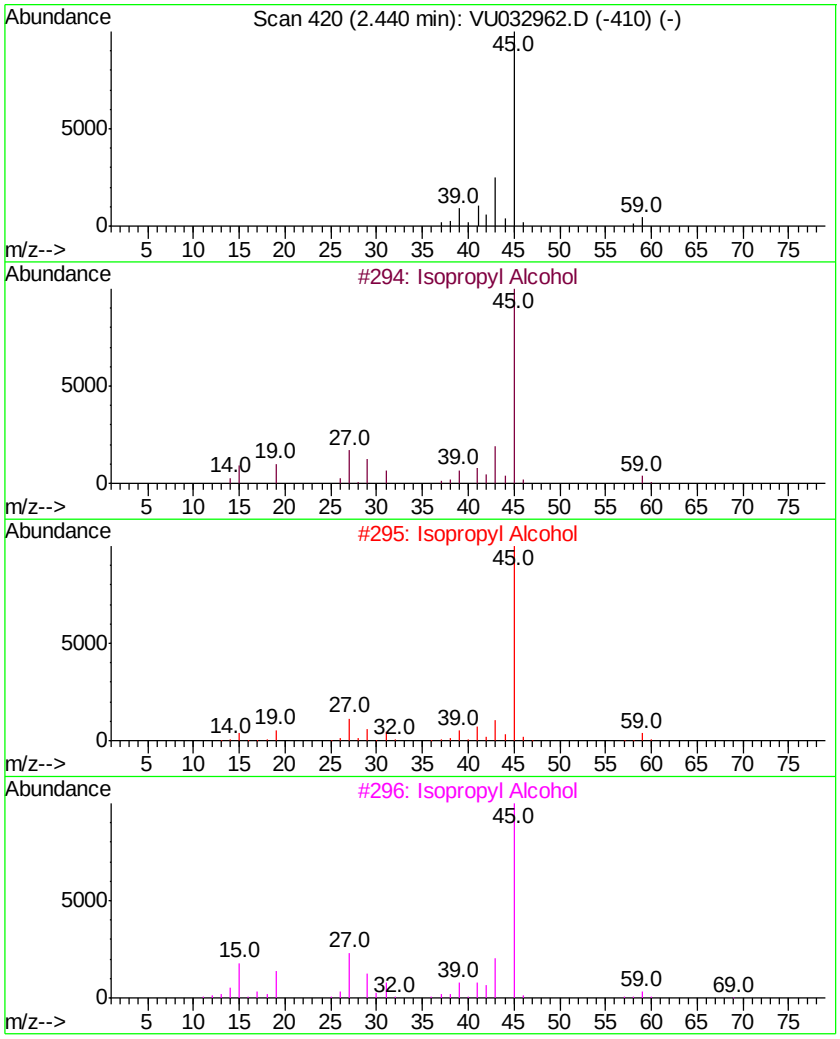
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

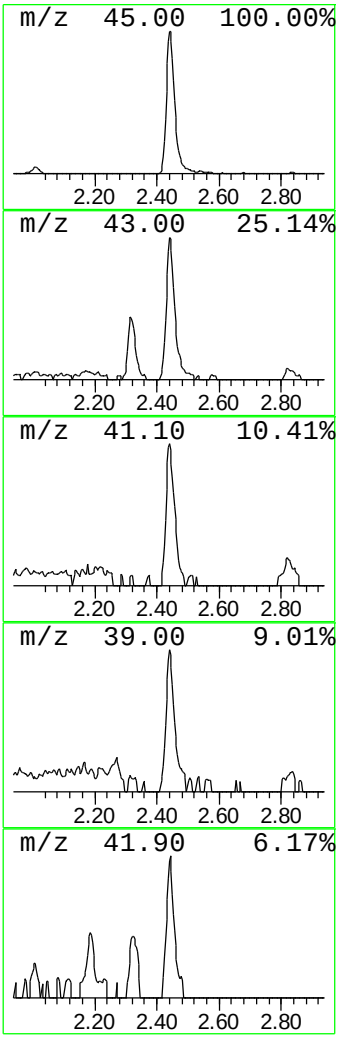
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	5.12 ug/L	47872	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	74
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Ethylamine	45	C2H7N	000075-04-7	5





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062219\
Data File : VU032962.D
Acq On : 21 Jun 2019 22:09
Operator : JC/SP
Sample : K3464-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF33

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.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	5.1	ug/L	47872	1	5.88	467116	50.0