LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031020\
Data File : VV014804.D
Acq On : 10 Mar 2020 15:44
Operator : SY/MD
Sample : L1858-04
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFRF5

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_V\METHOD\SOMVLM030620WMA.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	1.116	4	8	21	rVB2	31622	34780	2.53%	0.312%
2	1.315	64	70	82	rVB	164109	169919	12.35%	1.524%
3	1.396	89	95	117	rBV	58374	105871	7.70%	0.950%
4	1.579	145	152	168	rVB	123917	156810	11.40%	1.407%
5	2.119	311	320	336	rVB	261403	374163	27.20%	3.357%
6	2.974	581	586	589	rBV3	2401	2715	0.20%	0.024%
7	3.154	641	642	647	rVB2	609	349	0.03%	0.003%
8	3.180	647	650	652	rBV2	798	426	0.03%	0.004%
9	3.399	715	718	720	rBV3	724	429	0.03%	0.004%
10	3.460	734	737	741	rVB3	738	633	0.05%	0.006%
11	3.486	741	745	747	rBV2	592	435	0.03%	0.004%
12	3.540	759	762	764	rVB	526	282	0.02%	0.003%
13	3.556	764	767	769	rBV2	485	274	0.02%	0.002%
14	3.569	769	771	774	rVV	532	314	0.02%	0.003%
15	3.585	774	776	779	rVB2	548	301	0.02%	0.003%
16	3.749	817	827	842	rVV7	4949	13912	1.01%	0.125%
17	3.891	867	871	872	rBV2	741	421	0.03%	0.004%
18	3.942	873	887	921	rBV	65945	324017	23.55%	2.907%
19	4.380	1008	1023	1049	rVB	218998	542880	39.46%	4.871%
20	4.560	1076	1079	1083	rVB3	810	566	0.04%	0.005%
21	4.656	1106	1109	1112	rBV3	1016	787	0.06%	0.007%
22	4.714	1124	1127	1130	rVB3	619	415	0.03%	0.004%
23	4.746	1135	1137	1142	rVB2	521	327	0.02%	0.003%
24	4.778	1142	1147	1149	rBV3	547	505	0.04%	0.005%
25	5.074	1221	1239	1265	rBV2	546011	1375715	100.00%	12.343%
26	5.434	1347	1351	1359	rVB5	1095	1387	0.10%	0.012%
27	5.470	1359	1362	1366	rVB	951	555	0.04%	0.005%
28	5.495	1367	1370	1371	rBV2	991	448	0.03%	0.004%
29	5.643	1402	1416	1444	rBV	465877	921987	67.02%	8.272%
30	5.801	1460	1465	1467	rBV2	637	591	0.04%	0.005%
31	5.994	1521	1525	1529	rVB2	582	530	0.04%	0.005%
32	6.016	1529	1532	1535	rBV3	505	406	0.03%	0.004%
33	6.096	1541	1557	1579	rBV	302042	619787	45.05%	5.561%
34	6.331	1621	1630	1639	rBV9	3633	7898	0.57%	0.071%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031020\
Data File : VV014804.D
Acq On : 10 Mar 2020 15:44
Operator : SY/MD
Sample : L1858-04
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFRF5

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_V\METHOD\SOMVLM030620WMA.M
Title : VOC Analysis

35	6.405	1651	1653	1657	rBV3	701	478	0.03%	0.004%
36	6.762	1762	1764	1768	rBV	460	336	0.02%	0.003%
37	6.823	1779	1783	1786	rVB	595	429	0.03%	0.004%
38	6.923	1812	1814	1821	rBV5	542	567	0.04%	0.005%
39	6.968	1825	1828	1829	rBV2	676	270	0.02%	0.002%
40	7.010	1829	1841	1860	rVV	173194	307031	22.32%	2.755%
41	7.251	1914	1916	1917	rBV2	1114	444	0.03%	0.004%
42	7.338	1931	1943	1959	rBV	668899	1154360	83.91%	10.357%
43	7.531	2001	2003	2007	rBV3	1083	735	0.05%	0.007%
44	7.585	2017	2020	2021	rVB2	673	287	0.02%	0.003%
45	7.643	2026	2038	2056	rVV	121722	206710	15.03%	1.855%
46	7.858	2100	2105	2109	rBV3	397	391	0.03%	0.004%
47	7.907	2117	2120	2125	rBV5	400	442	0.03%	0.004%
48	7.939	2125	2130	2131	rBV3	459	406	0.03%	0.004%
49	7.961	2131	2137	2138	rBV3	2206	2117	0.15%	0.019%
50	8.119	2174	2186	2219	rBV	356011	727634	52.89%	6.528%
51	8.489	2298	2301	2305	rBV2	1157	780	0.06%	0.007%
52	8.717	2369	2372	2374	rBV	570	343	0.02%	0.003%
53	8.791	2393	2395	2401	rBV3	632	522	0.04%	0.005%
54	8.820	2401	2404	2406	rBV3	570	283	0.02%	0.003%
55	8.833	2406	2408	2409	rBV2	786	375	0.03%	0.003%
56	8.874	2409	2421	2441	rBV	703007	1141014	82.94%	10.237%
57	9.010	2460	2463	2465	rBV3	1189	840	0.06%	0.008%
58	9.334	2561	2564	2566	rBV3	937	642	0.05%	0.006%
59	9.476	2601	2608	2609	rBV4	2015	1509	0.11%	0.014%
60	9.569	2630	2637	2648	rVB	9154	15125	1.10%	0.136%
61	9.682	2671	2672	2676	rBV3	597	295	0.02%	0.003%
62	9.723	2681	2685	2686	rBV3	1123	886	0.06%	0.008%
63	9.794	2701	2707	2709	rBV3	1148	1038	0.08%	0.009%
64	9.833	2710	2719	2728	rVV7	8500	15636	1.14%	0.140%
65	10.145	2812	2816	2817	rBV2	974	608	0.04%	0.005%
66	10.186	2827	2829	2832	rBV3	510	344	0.03%	0.003%
67	10.238	2832	2845	2862	rVV	445605	705206	51.26%	6.327%
68	10.444	2906	2909	2910	rBV2	818	459	0.03%	0.004%
69	10.505	2926	2928	2930	rBV3	616	259	0.02%	0.002%
70	10.672	2978	2980	2983	rBV2	453	286	0.02%	0.003%
71	10.730	2996	2998	2999	rBV2	670	361	0.03%	0.003%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031020\
Data File : VV014804.D
Acq On : 10 Mar 2020 15:44
Operator : SY/MD
Sample : L1858-04
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFRF5

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_V\METHOD\SOMVLM030620WMA.M
Title : VOC Analysis

72	10.829	3025	3029	3030	rBV2	487	384	0.03%	0.003%
73	10.939	3057	3063	3067	rVV5	1251	1669	0.12%	0.015%
74	11.009	3083	3085	3088	rBV	645	414	0.03%	0.004%
75	11.054	3095	3099	3101	rBV	529	472	0.03%	0.004%
76	11.112	3115	3117	3121	rBV3	547	388	0.03%	0.003%
77	11.138	3122	3125	3128	rBV4	384	292	0.02%	0.003%
78	11.173	3128	3136	3145	rBV7	7614	12404	0.90%	0.111%
79	11.270	3154	3166	3185	rBV	716962	1097725	79.79%	9.849%
80	11.556	3247	3255	3264	rBV6	3511	6536	0.48%	0.059%
81	11.646	3271	3283	3298	rBV	682672	1059417	77.01%	9.505%
82	11.862	3347	3350	3351	rBV	657	310	0.02%	0.003%
83	11.919	3365	3368	3369	rBV	551	283	0.02%	0.003%
84	12.000	3390	3393	3396	rBV	780	638	0.05%	0.006%
85	12.260	3466	3474	3476	rBV5	1019	1286	0.09%	0.012%
86	12.366	3499	3507	3515	rBV7	4703	7287	0.53%	0.065%
87	12.649	3590	3595	3596	rBV3	614	569	0.04%	0.005%
88	12.736	3619	3622	3623	rBV	560	289	0.02%	0.003%
89	12.781	3634	3636	3639	rBV	715	502	0.04%	0.005%
90	12.894	3666	3671	3673	rBV3	553	439	0.03%	0.004%
91	12.916	3673	3678	3681	rBV4	748	575	0.04%	0.005%
92	12.945	3685	3687	3691	rVB2	672	386	0.03%	0.003%
93	12.968	3691	3694	3696	rBV2	412	263	0.02%	0.002%
94	13.077	3725	3728	3732	rVB2	532	318	0.02%	0.003%
95	13.099	3732	3735	3740	rBV5	674	582	0.04%	0.005%
96	13.135	3740	3746	3748	rBV4	971	849	0.06%	0.008%
97	13.321	3801	3804	3808	rBV2	573	415	0.03%	0.004%
98	13.624	3897	3898	3901	rBV3	547	305	0.02%	0.003%
99	13.807	3953	3955	3960	rBV3	717	400	0.03%	0.004%
100	14.032	4023	4025	4028	rBV	628	407	0.03%	0.004%

Sum of corrected areas: 11146087

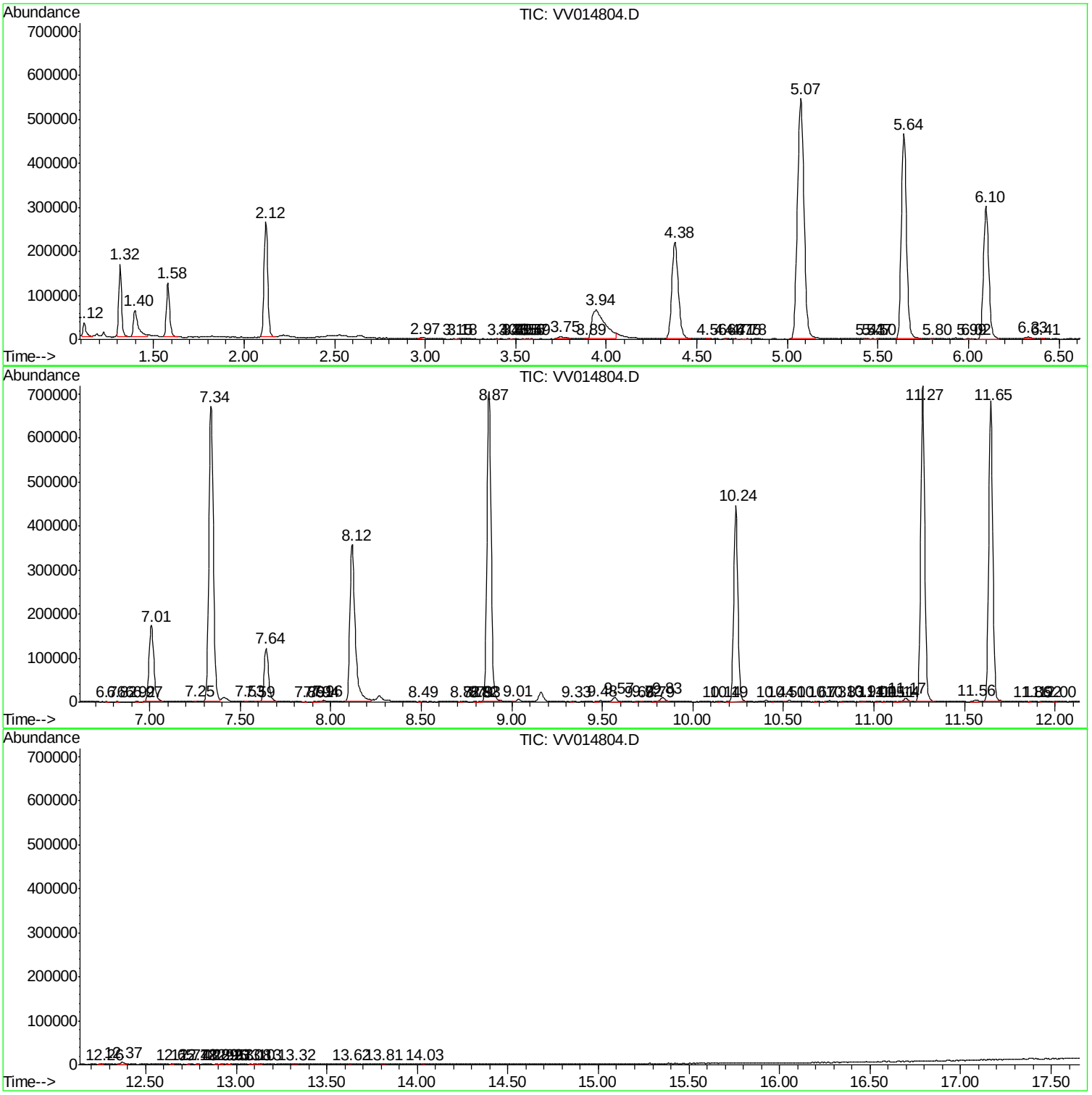
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031020\
Data File : VV014804.D
Acq On : 10 Mar 2020 15:44
Operator : SY/MD
Sample : L1858-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFRF5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.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_V\DATA\VV031020\
Data File : VV014804.D
Acq On : 10 Mar 2020 15:44
Operator : SY/MD
Sample : L1858-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFRF5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis

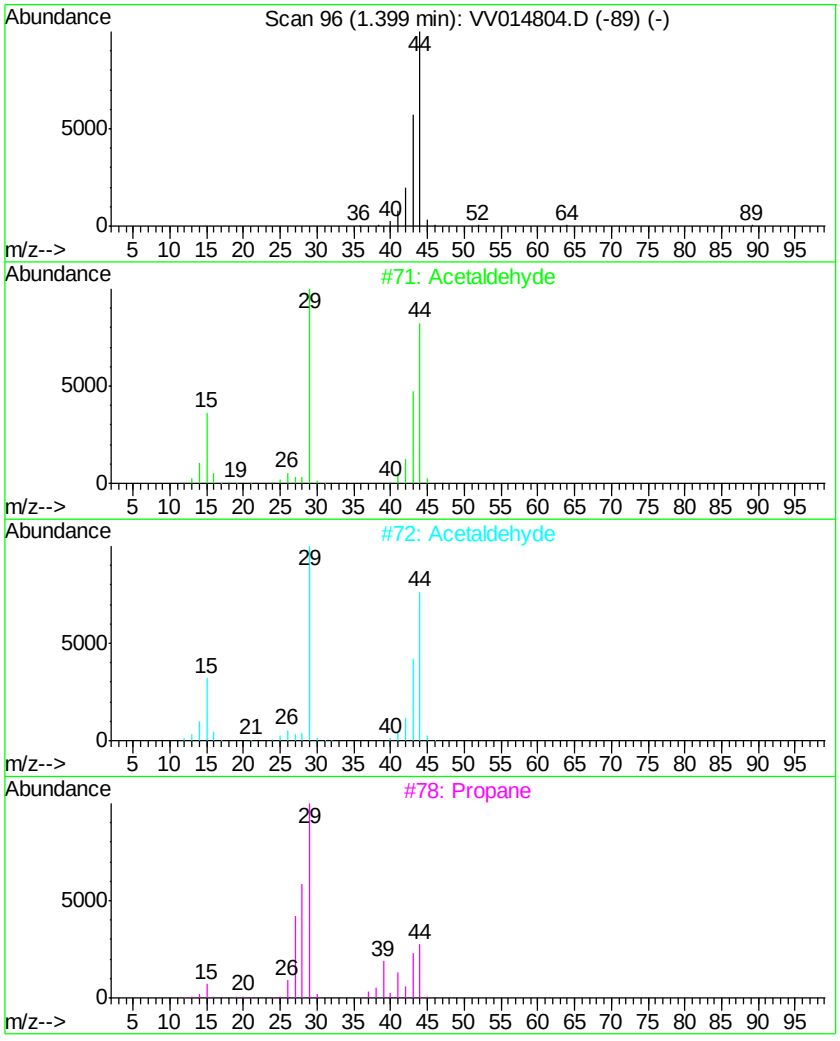
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

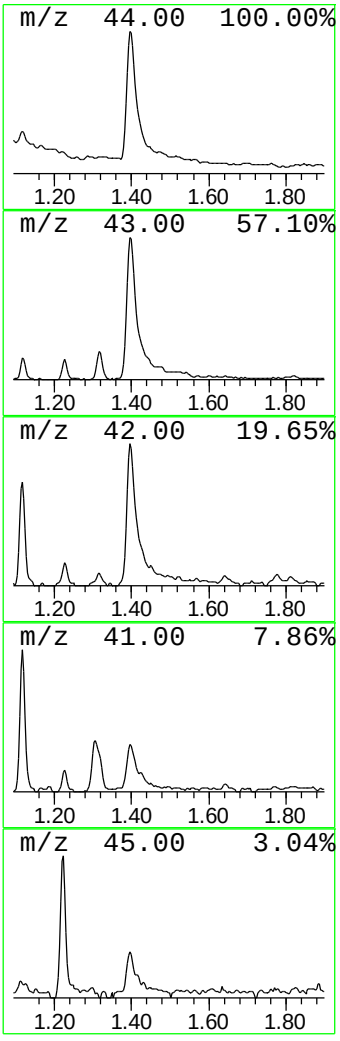
****

Peak Number 1 Acetaldehyde Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.40	5.74 ug/L	105871	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	64
2	Acetaldehyde	44	C2H4O	000075-07-0	64
3	Propane	44	C3H8	000074-98-6	5
4	Ethylene oxide	44	C2H4O	000075-21-8	5
5	Ethylene oxide	44	C2H4O	000075-21-8	5





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031020\
Data File : VV014804.D
Acq On : 10 Mar 2020 15:44
Operator : SY/MD
Sample : L1858-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFRF5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.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
Acetaldehyde	1.40	5.7	ug/L	105871	1	5.64	921987	50.0