LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031619\
Data File : VU030114.D
Acq On : 15 Mar 2019 16:35
Operator : JC/SP
Sample : K1949-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1F2

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\SOMULM031319WMA.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	39	rVB	13065	12542	0.84%	0.096%
2	1.331	71	75	89	rVB2	7653	9223	0.62%	0.070%
3	1.399	89	96	106	rBV	156860	163974	11.01%	1.250%
4	1.682	176	184	198	rVB	132190	169949	11.41%	1.296%
5	2.273	357	368	378	rBV	286007	437372	29.37%	3.334%
6	2.447	411	422	440	rBV	125924	223713	15.02%	1.706%
7	2.569	458	460	465	rVB	1576	1040	0.07%	0.008%
8	2.704	494	502	510	rVB3	4716	7376	0.50%	0.056%
9	2.839	532	544	555	rVB4	6784	15347	1.03%	0.117%
10	2.942	571	576	579	rVB	1366	1066	0.07%	0.008%
11	2.981	579	588	590	rBV2	2280	3026	0.20%	0.023%
12	3.090	619	622	626	rVB	1223	984	0.07%	0.008%
13	3.193	640	654	656	rBV3	2607	5421	0.36%	0.041%
14	3.682	802	806	808	rBV2	1471	1224	0.08%	0.009%
15	3.752	826	828	832	rVB	1508	969	0.07%	0.007%
16	3.862	855	862	865	rBV2	1179	1457	0.10%	0.011%
17	4.003	902	906	912	rVB2	1297	1161	0.08%	0.009%
18	4.177	948	960	987	rBV	169483	452199	30.37%	3.447%
19	4.527	1065	1069	1073	rBV3	884	891	0.06%	0.007%
20	4.553	1073	1077	1080	rBV	1337	1059	0.07%	0.008%
21	4.646	1088	1106	1128	rBV2	255332	611374	41.06%	4.661%
22	4.823	1158	1161	1164	rVB	1674	1201	0.08%	0.009%
23	5.071	1236	1238	1242	rBV2	941	827	0.06%	0.006%
24	5.167	1265	1268	1271	rVB	1437	820	0.06%	0.006%
25	5.199	1274	1278	1280	rBV	1144	832	0.06%	0.006%
26	5.241	1285	1291	1296	rBV	932	1379	0.09%	0.011%
27	5.337	1298	1321	1345	rBV2	495216	1489084	100.00%	11.352%
28	5.546	1384	1386	1395	rBV	1054	1361	0.09%	0.010%
29	5.749	1444	1449	1453	rBV2	1750	1846	0.12%	0.014%
30	5.884	1477	1491	1527	rBV	532952	1082500	72.70%	8.253%
31	6.061	1542	1546	1549	rVB2	1195	988	0.07%	0.008%
32	6.080	1549	1552	1556	rBV2	1235	1222	0.08%	0.009%
33	6.173	1578	1581	1586	rBV4	1420	1608	0.11%	0.012%
34	6.328	1616	1629	1653	rBV	336849	693936	46.60%	5.290%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031619\
Data File : VU030114.D
Acq On : 15 Mar 2019 16:35
Operator : JC/SP
Sample : K1949-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1F2

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\SOMULM031319WMA.M
Title : VOC Analysis

35	6.826	1779	1784	1790	rBV4	1832	2506	0.17%	0.019%
36	6.878	1794	1800	1806	rBV	1608	2269	0.15%	0.017%
37	6.939	1816	1819	1824	rVB	1257	1082	0.07%	0.008%
38	7.225	1894	1908	1928	rBV	188298	351054	23.58%	2.676%
39	7.476	1979	1986	1993	rVB5	2237	3087	0.21%	0.024%
40	7.562	1999	2013	2037	rBV	650825	1176683	79.02%	8.971%
41	7.849	2091	2102	2124	rBV	134993	235347	15.80%	1.794%
42	8.177	2191	2204	2215	rBV	28368	55250	3.71%	0.421%
43	8.308	2234	2245	2277	rBV	571143	1012601	68.00%	7.720%
44	8.572	2323	2327	2329	rBV	1104	863	0.06%	0.007%
45	8.585	2329	2331	2337	rVB3	1754	1275	0.09%	0.010%
46	8.656	2350	2353	2355	rBV	1173	823	0.06%	0.006%
47	8.675	2355	2359	2363	rVB3	1595	1406	0.09%	0.011%
48	8.755	2381	2384	2391	rVB2	1179	1002	0.07%	0.008%
49	8.977	2450	2453	2457	rBV	1252	1170	0.08%	0.009%
50	9.022	2463	2467	2472	rVB2	974	951	0.06%	0.007%
51	9.087	2472	2487	2514	rBV	769525	1336290	89.74%	10.188%
52	9.247	2533	2537	2540	rBV3	1463	1344	0.09%	0.010%
53	9.263	2540	2542	2545	rVB2	1991	1066	0.07%	0.008%
54	9.373	2571	2576	2578	rBV3	2370	1973	0.13%	0.015%
55	9.546	2627	2630	2636	rVB2	1554	1482	0.10%	0.011%
56	9.578	2636	2640	2644	rBV2	1450	1415	0.10%	0.011%
57	9.749	2689	2693	2696	rVB2	1484	1030	0.07%	0.008%
58	9.784	2696	2704	2706	rBV4	2874	3655	0.25%	0.028%
59	9.887	2733	2736	2743	rVB2	1037	1021	0.07%	0.008%
60	10.041	2781	2784	2787	rBV	1881	1221	0.08%	0.009%
61	10.160	2817	2821	2827	rVV3	1502	1730	0.12%	0.013%
62	10.270	2852	2855	2860	rVB	1090	870	0.06%	0.007%
63	10.299	2860	2864	2869	rBV2	1346	1438	0.10%	0.011%
64	10.427	2891	2904	2928	rBV	573124	934694	62.77%	7.126%
65	10.604	2952	2959	2969	rVB3	7781	12574	0.84%	0.096%
66	10.681	2979	2983	2989	rBV4	1372	1702	0.11%	0.013%
67	10.733	2994	2999	3003	rBV	1166	1415	0.10%	0.011%
68	10.781	3011	3014	3018	rVV2	1366	1013	0.07%	0.008%
69	10.816	3021	3025	3029	rVB2	1050	824	0.06%	0.006%
70	10.929	3056	3060	3063	rVV2	1406	1100	0.07%	0.008%
71	11.086	3106	3109	3116	rVB4	1553	1539	0.10%	0.012%

LSC Area Percent Report

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Operator : JC/SP
Sample : K1949-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1F2

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\SOMULM031319WMA.M
Title : VOC Analysis

72	11.119	3116	3119	3124	rBV	1088	823	0.06%	0.006%
73	11.189	3134	3141	3145	rBV2	1048	1580	0.11%	0.012%
74	11.250	3157	3160	3163	rBV2	1576	972	0.07%	0.007%
75	11.276	3163	3168	3172	rBV2	1325	1280	0.09%	0.010%
76	11.302	3172	3176	3179	rBV	986	985	0.07%	0.008%
77	11.418	3205	3212	3220	rBV5	3579	5271	0.35%	0.040%
78	11.482	3220	3232	3250	rBV	803224	1281509	86.06%	9.770%
79	11.858	3336	3349	3373	rBV	737204	1231328	82.69%	9.387%
80	12.122	3427	3431	3433	rBV2	1367	1192	0.08%	0.009%
81	12.176	3444	3448	3450	rBV	1482	1149	0.08%	0.009%
82	12.250	3464	3471	3474	rVB2	1245	1431	0.10%	0.011%
83	12.485	3540	3544	3547	rBV2	1359	1303	0.09%	0.010%
84	12.675	3599	3603	3605	rBV	1073	877	0.06%	0.007%
85	12.762	3626	3630	3636	rBV	1269	1266	0.09%	0.010%
86	12.832	3646	3652	3657	rBV2	1494	1620	0.11%	0.012%
87	12.890	3664	3670	3672	rBV4	3295	3245	0.22%	0.025%
88	13.106	3732	3737	3740	rBV2	820	874	0.06%	0.007%
89	13.639	3899	3903	3906	rBV	1673	1131	0.08%	0.009%
90	13.765	3934	3942	3944	rBV4	2104	2795	0.19%	0.021%
91	13.855	3966	3970	3979	rVB2	1850	2370	0.16%	0.018%
92	13.974	3995	4007	4008	rBV	1896	3133	0.21%	0.024%
93	14.106	4046	4048	4053	rBV2	1107	944	0.06%	0.007%
94	14.276	4092	4101	4111	rVB2	3773	7275	0.49%	0.055%
95	14.340	4117	4121	4122	rBV	1357	958	0.06%	0.007%
96	14.546	4183	4185	4191	rBV2	1014	1015	0.07%	0.008%
97	14.893	4290	4293	4298	rBV	1503	1141	0.08%	0.009%
98	15.106	4355	4359	4361	rBV2	1463	1270	0.09%	0.010%
99	15.643	4521	4526	4529	rBV3	1411	1594	0.11%	0.012%
100	16.102	4667	4669	4671	rBV3	1405	825	0.06%	0.006%

Sum of corrected areas: 13116892

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031619\
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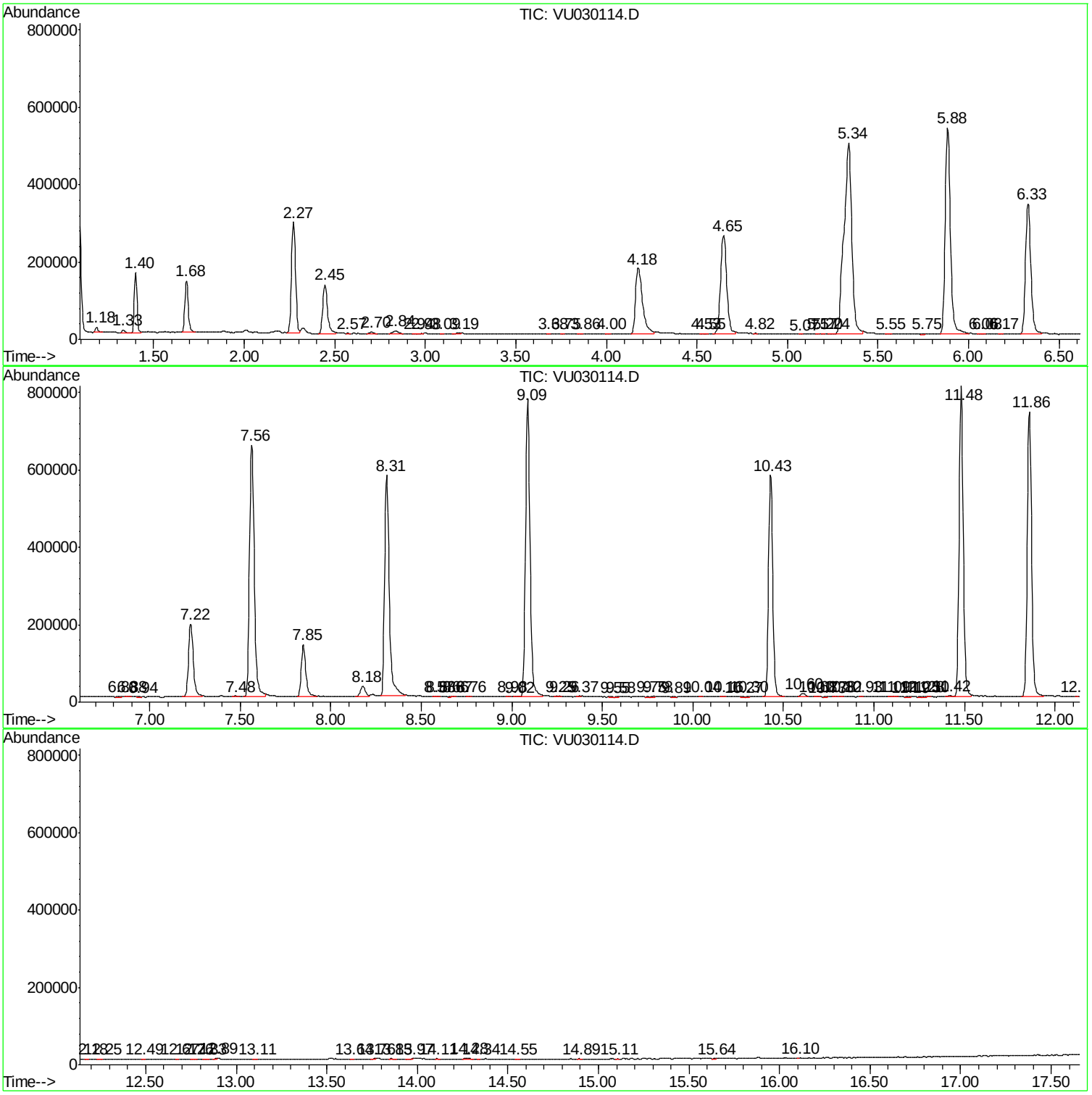
Sample : K1949-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1F2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.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\VU031619\
Data File : VU030114.D
Acq On : 15 Mar 2019 16:35
Operator : JC/SP
Sample : K1949-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1F2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis

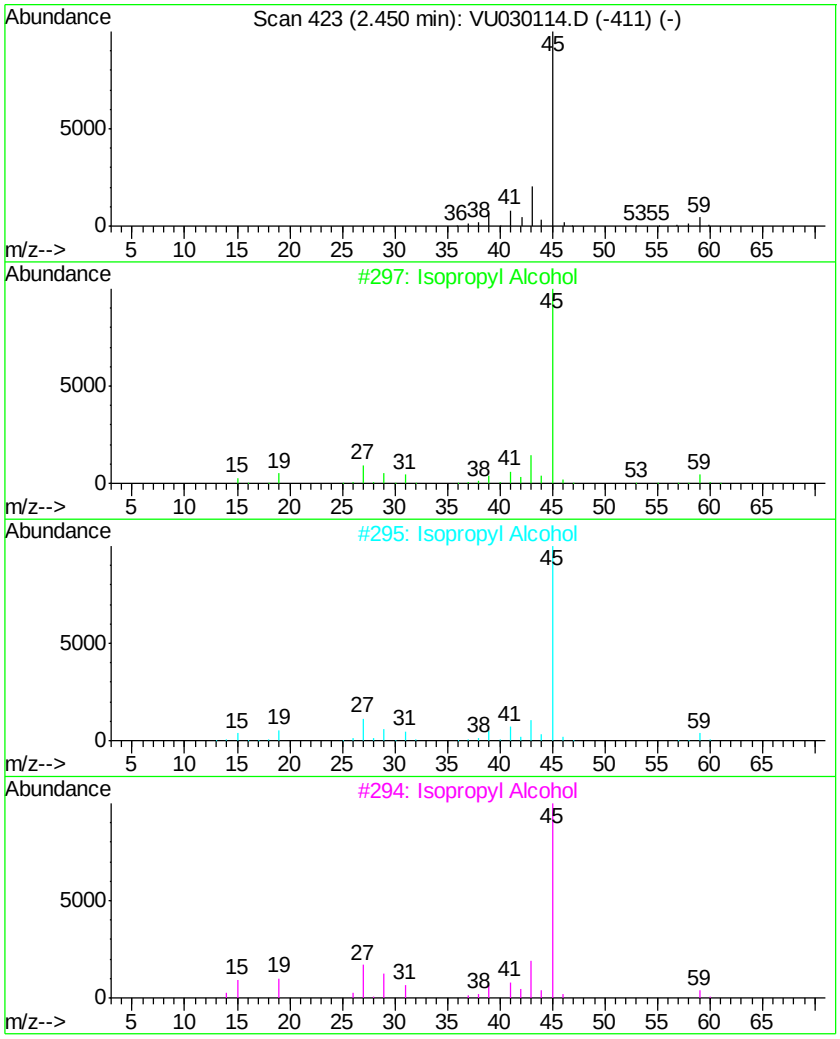
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

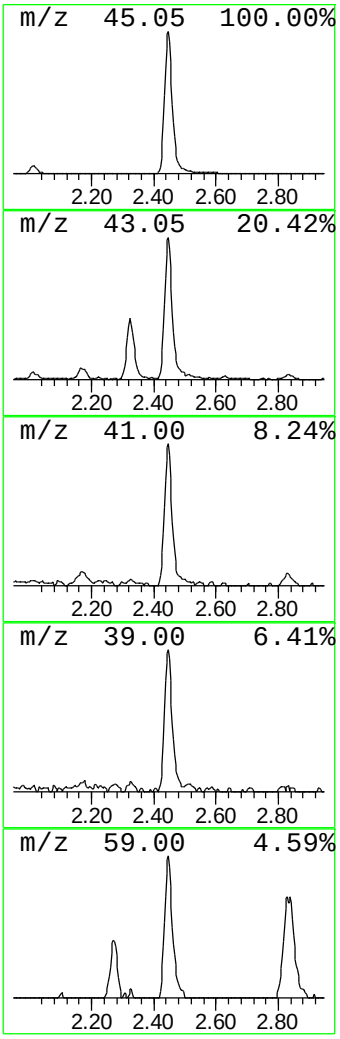
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	10.33 ug/L	223713	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	40
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031619\
Data File : VU030114.D
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ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1F2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.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	2.45	10.3	ug/L	223713	1	5.88	1082500	50.0