LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032719\
Data File : VU030484.D
Acq On : 27 Mar 2019 15:30
Operator : JC/SP
Sample : K2022-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09C7

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\SOMULM032319WMA.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	24	29	35	rBV2	25623	24020	0.80%	0.127%
2	1.399	89	96	108	rVB	244758	255225	8.55%	1.351%
3	1.675	176	182	202	rVB	193797	261976	8.77%	1.387%
4	2.270	357	367	378	rBV	381546	583761	19.55%	3.090%
5	2.444	413	421	442	rVB	42691	77517	2.60%	0.410%
6	3.701	809	812	814	rBV2	1667	1122	0.04%	0.006%
7	3.778	832	836	843	rBV	1938	2849	0.10%	0.015%
8	3.929	880	883	888	rBV	1164	1279	0.04%	0.007%
9	4.174	947	959	984	rBV	187896	493369	16.52%	2.612%
10	4.646	1090	1106	1125	rBV	290575	681139	22.81%	3.605%
11	5.116	1249	1252	1257	rVB	1897	1368	0.05%	0.007%
12	5.161	1263	1266	1270	rBV	1193	985	0.03%	0.005%
13	5.186	1270	1274	1276	rBV	1537	1429	0.05%	0.008%
14	5.338	1298	1321	1360	rBV2	602067	1831378	61.34%	9.694%
15	5.826	1469	1473	1477	rBV2	1674	1300	0.04%	0.007%
16	5.884	1477	1491	1519	rBV	521417	1060361	35.51%	5.613%
17	6.264	1605	1609	1612	rBV	1700	1202	0.04%	0.006%
18	6.328	1615	1629	1646	rBV	405867	830419	27.81%	4.396%
19	6.550	1695	1698	1701	rBV	1349	1176	0.04%	0.006%
20	6.633	1721	1724	1728	rBV2	1106	1151	0.04%	0.006%
21	6.675	1733	1737	1739	rBV	1320	1150	0.04%	0.006%
22	6.707	1744	1747	1752	rBV	1060	1011	0.03%	0.005%
23	6.746	1752	1759	1762	rVV	1907	2441	0.08%	0.013%
24	6.778	1766	1769	1776	rVB	1771	1626	0.05%	0.009%
25	6.984	1828	1833	1837	rBV3	1077	1239	0.04%	0.007%
26	7.009	1837	1841	1846	rBV	1214	1173	0.04%	0.006%
27	7.038	1846	1850	1856	rVB2	1097	1248	0.04%	0.007%
28	7.225	1897	1908	1934	rBV	222837	413824	13.86%	2.191%
29	7.386	1953	1958	1959	rBV3	1625	1382	0.05%	0.007%
30	7.418	1965	1968	1973	rVB3	1577	1468	0.05%	0.008%
31	7.444	1973	1976	1982	rBV2	1691	1700	0.06%	0.009%
32	7.489	1988	1990	1998	rVB3	1052	1151	0.04%	0.006%
33	7.563	1998	2013	2032	rBV	749068	1342617	44.97%	7.107%
34	7.845	2091	2101	2124	rBV	150547	273957	9.18%	1.450%

LSC Area Percent Report

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Sample : K2022-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09C7

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\SOMULM032319WMA.M
Title : VOC Analysis

35	7.952	2132	2134	2137	rVB3	1699	997	0.03%	0.005%
36	8.058	2164	2167	2171	rVB2	1561	1009	0.03%	0.005%
37	8.116	2181	2185	2194	rBV	1688	1955	0.07%	0.010%
38	8.170	2195	2202	2204	rBV2	2092	2552	0.09%	0.014%
39	8.186	2204	2207	2212	rVV3	1444	1114	0.04%	0.006%
40	8.308	2232	2245	2279	rBV	574646	1077903	36.10%	5.706%
41	8.633	2343	2346	2349	rBV	1180	1057	0.04%	0.006%
42	8.759	2379	2385	2388	rVB	2476	2942	0.10%	0.016%
43	8.788	2388	2394	2397	rBV2	1201	1226	0.04%	0.006%
44	8.839	2406	2410	2413	rBV	1914	1485	0.05%	0.008%
45	9.016	2459	2465	2467	rBV2	1204	1374	0.05%	0.007%
46	9.090	2475	2488	2489	rBV	839264	1049459	35.15%	5.555%
47	9.379	2570	2578	2588	rBV3	6773	9966	0.33%	0.053%
48	9.508	2615	2618	2621	rVB	1793	1107	0.04%	0.006%
49	9.556	2626	2633	2638	rBV2	1573	2531	0.08%	0.013%
50	9.585	2638	2642	2646	rVB2	1759	1685	0.06%	0.009%
51	9.617	2646	2652	2654	rBV	1337	1333	0.04%	0.007%
52	9.652	2658	2663	2671	rVB	1629	2393	0.08%	0.013%
53	9.784	2697	2704	2711	rVB5	3022	4695	0.16%	0.025%
54	9.820	2711	2715	2723	rVB	1992	2295	0.08%	0.012%
55	9.861	2724	2728	2735	rBV	2223	2054	0.07%	0.011%
56	9.923	2743	2747	2749	rBV	1554	1224	0.04%	0.006%
57	10.016	2771	2776	2779	rBV	1350	1233	0.04%	0.007%
58	10.234	2838	2844	2849	rBV	1493	1715	0.06%	0.009%
59	10.315	2864	2869	2872	rBV	1502	1539	0.05%	0.008%
60	10.427	2886	2904	2930	rBV	556319	907993	30.41%	4.806%
61	10.575	2944	2950	2951	rBV2	1284	1156	0.04%	0.006%
62	10.659	2969	2976	2987	rBV4	13327	23024	0.77%	0.122%
63	10.704	2987	2990	2993	rBV	1617	1518	0.05%	0.008%
64	10.858	3033	3038	3044	rVB2	1637	1900	0.06%	0.010%
65	10.913	3050	3055	3058	rBV	1692	1474	0.05%	0.008%
66	10.971	3070	3073	3077	rBV3	1705	1375	0.05%	0.007%
67	11.151	3125	3129	3132	rBV3	2538	2152	0.07%	0.011%
68	11.193	3138	3142	3145	rVB	1339	1106	0.04%	0.006%
69	11.228	3150	3153	3156	rVB	1463	1008	0.03%	0.005%
70	11.270	3161	3166	3171	rVB2	1328	1666	0.06%	0.009%
71	11.308	3171	3178	3182	rVB	2062	1900	0.06%	0.010%

LSC Area Percent Report

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Sample : K2022-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09C7

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\SOMULM032319WMA.M
Title : VOC Analysis

72	11.334	3182	3186	3193	rBV	1952	2381	0.08%	0.013%
73	11.414	3193	3211	3222	rBV	940803	1516346	50.79%	8.027%
74	11.501	3222	3238	3264	rVB2	1211097	2985807	100.00%	15.805%
75	11.726	3306	3308	3311	rBV3	1382	944	0.03%	0.005%
76	11.858	3337	3349	3371	rBV2	751482	1456113	48.77%	7.708%
77	12.450	3528	3533	3536	rBV	1827	1616	0.05%	0.009%
78	12.643	3587	3593	3603	rVB6	4504	7849	0.26%	0.042%
79	12.697	3603	3610	3613	rBV	2551	2947	0.10%	0.016%
80	12.829	3636	3651	3660	rVV5	13534	32124	1.08%	0.170%
81	12.884	3662	3668	3676	rVV3	13549	19101	0.64%	0.101%
82	12.961	3688	3692	3696	rBV	1612	1415	0.05%	0.007%
83	13.025	3708	3712	3714	rBV	1148	963	0.03%	0.005%
84	13.074	3719	3727	3730	rBV	1715	2089	0.07%	0.011%
85	13.225	3770	3774	3776	rBV2	1272	1016	0.03%	0.005%
86	13.241	3776	3779	3782	rVB2	1877	1143	0.04%	0.006%
87	13.337	3806	3809	3812	rBV	1163	972	0.03%	0.005%
88	13.498	3847	3859	3892	rBV	790385	1328174	44.48%	7.030%
89	13.887	3977	3980	3984	rBV	1374	1143	0.04%	0.006%
90	13.983	4000	4010	4028	rBV	117691	220901	7.40%	1.169%
91	14.257	4090	4095	4098	rBV	1644	1831	0.06%	0.010%
92	14.334	4113	4119	4121	rBV	1866	1942	0.07%	0.010%
93	14.446	4151	4154	4157	rBV	1374	986	0.03%	0.005%
94	14.627	4205	4210	4211	rBV	2426	1955	0.07%	0.010%
95	15.086	4345	4353	4367	rBV3	4297	11889	0.40%	0.063%
96	15.405	4449	4452	4454	rBV	2054	1244	0.04%	0.007%
97	15.430	4454	4460	4462	rBV2	1463	1619	0.05%	0.009%
98	15.520	4484	4488	4493	rBV2	1857	2069	0.07%	0.011%
99	15.874	4595	4598	4601	rBV3	1844	1384	0.05%	0.007%
100	16.028	4642	4646	4649	rVB2	2220	1618	0.05%	0.009%

Sum of corrected areas: 18891709

LSC Report - Integrated Chromatogram

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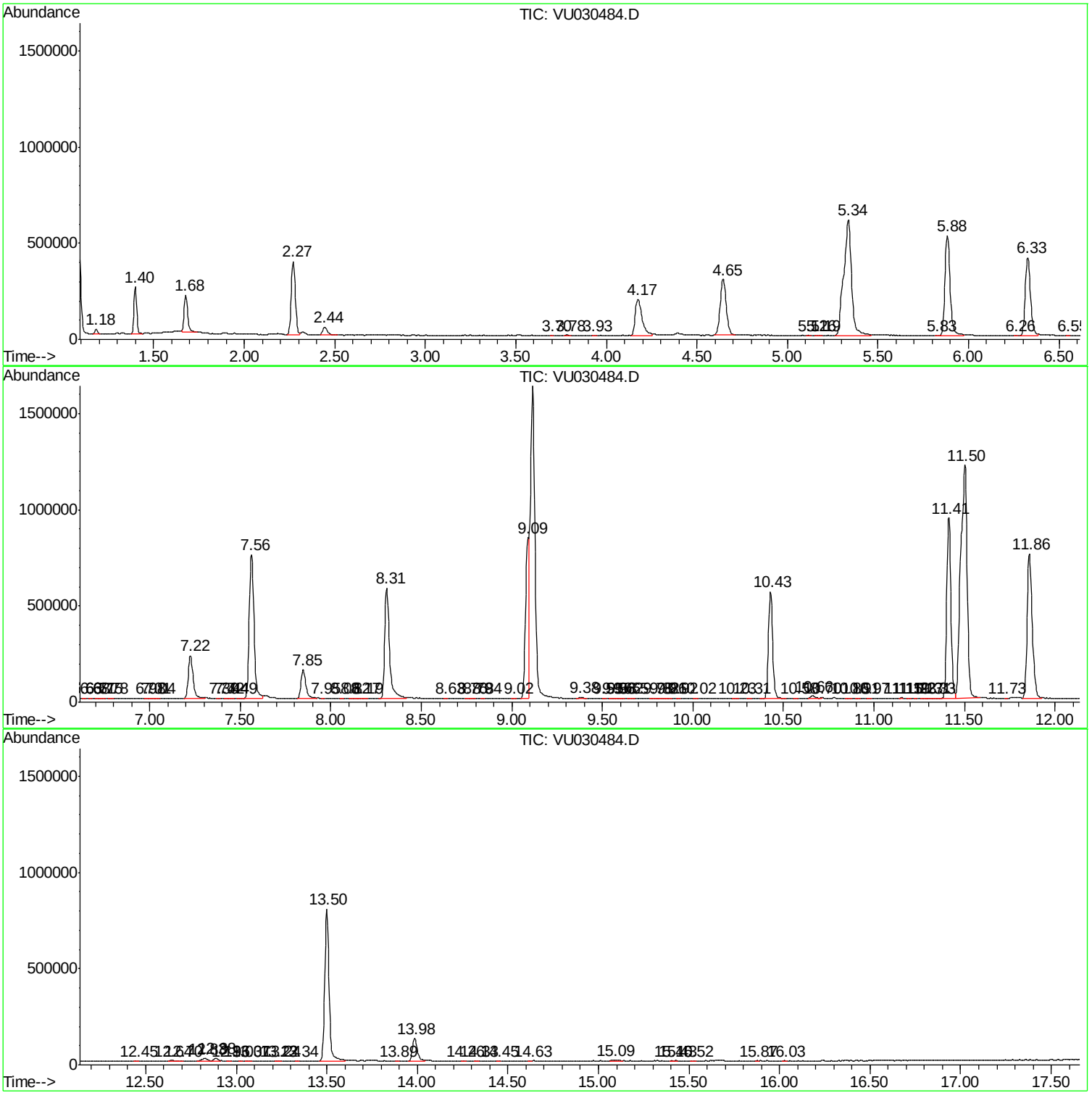
Sample : K2022-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09C7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.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\VU032719\
Data File : VU030484.D
Acq On : 27 Mar 2019 15:30
Operator : JC/SP
Sample : K2022-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09C7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

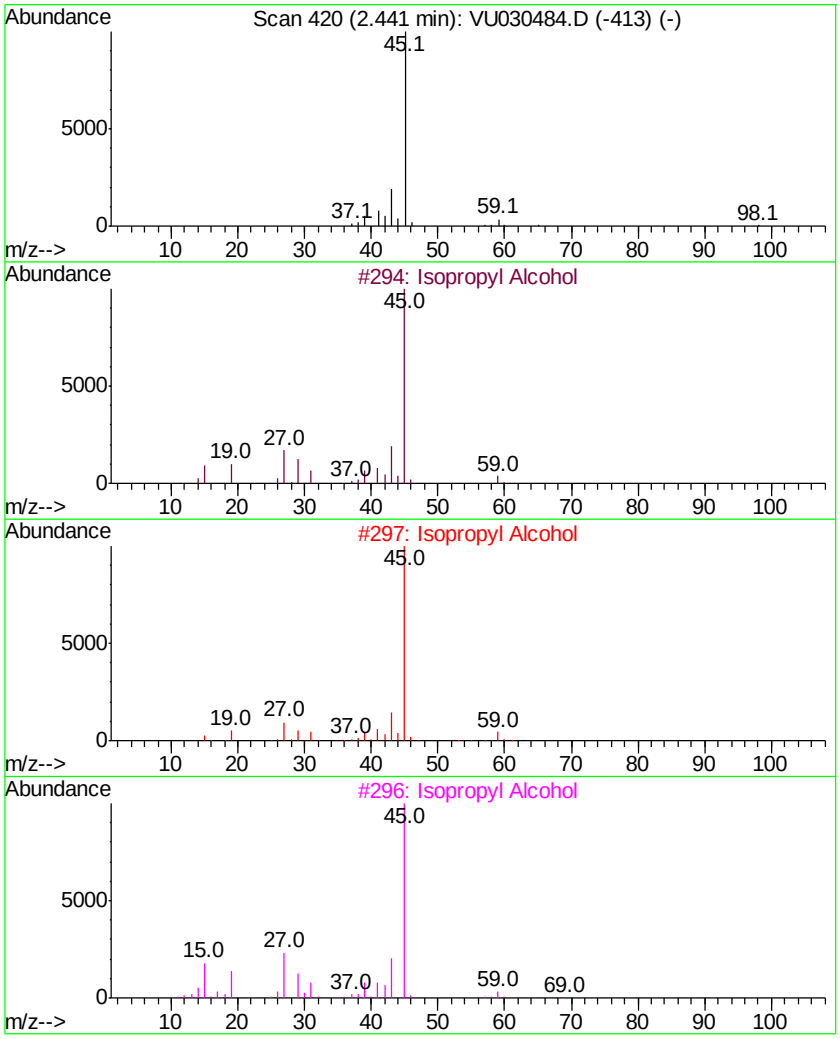
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

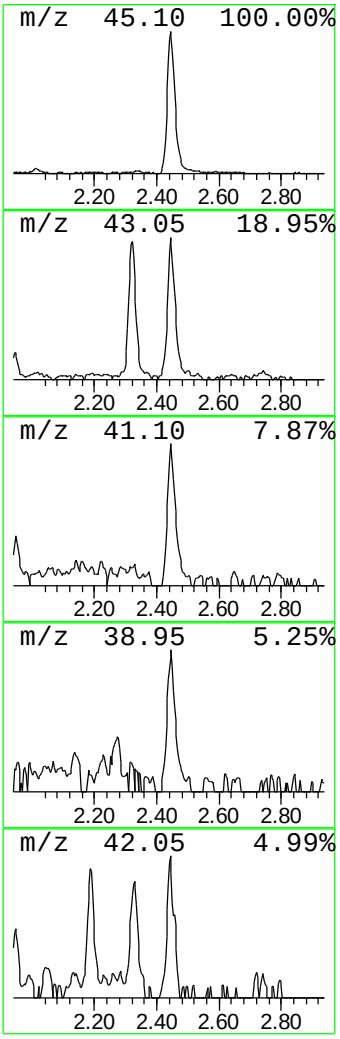
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	3.66 ug/L	77517	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	2-Propanone, 1-methoxy-	88	C4H8O2	005878-19-3	4





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032719\
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Instrument : MSVOA_U
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.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	3.7	ug/L	77517	1	5.88	1060360	50.0