LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070119\
Data File : VU033113.D
Acq On : 01 Jul 2019 14:21
Operator : JC/SP
Sample : K3599-02
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAM11

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	1.283	55	60	68	rBV	25510	27807	3.31%	0.396%
2	1.389	86	93	111	rBV	70477	90515	10.77%	1.289%
3	1.572	130	150	151	rBV6	19406	45377	5.40%	0.646%
4	1.637	165	170	179	rVB	55425	58762	6.99%	0.837%
5	2.219	341	351	366	rVB	176246	264330	31.46%	3.765%
6	2.283	366	371	378	rVB3	1664	1997	0.24%	0.028%
7	2.575	460	462	464	rBV2	274	179	0.02%	0.003%
8	2.672	488	492	500	rVB5	1016	1450	0.17%	0.021%
9	2.736	506	512	513	rBV	287	237	0.03%	0.003%
10	2.826	529	540	549	rBV2	938	2109	0.25%	0.030%
11	2.862	549	551	555	rVB2	502	318	0.04%	0.005%
12	2.929	568	572	577	rVB2	332	373	0.04%	0.005%
13	2.952	577	579	583	rBV	264	193	0.02%	0.003%
14	2.990	588	591	594	rVV	413	280	0.03%	0.004%
15	3.180	646	650	655	rVB	298	336	0.04%	0.005%
16	3.280	676	681	683	rBV2	184	190	0.02%	0.003%
17	3.309	688	690	696	rVB2	299	286	0.03%	0.004%
18	3.392	713	716	719	rVV	194	174	0.02%	0.002%
19	3.588	773	777	783	rVB2	310	288	0.03%	0.004%
20	3.624	783	788	796	rVB2	302	398	0.05%	0.006%
21	3.665	796	801	804	rBV2	291	211	0.03%	0.003%
22	3.698	808	811	814	rBV	333	243	0.03%	0.003%
23	3.862	858	862	867	rBV2	169	205	0.02%	0.003%
24	4.071	922	927	929	rBV	231	184	0.02%	0.003%
25	4.193	952	965	991	rBV	60387	214699	25.55%	3.058%
26	4.633	1086	1102	1134	rBV	138835	347971	41.41%	4.956%
27	5.032	1223	1226	1230	rBV2	223	199	0.02%	0.003%
28	5.116	1248	1252	1256	rVB2	202	202	0.02%	0.003%
29	5.141	1256	1260	1264	rBV2	276	198	0.02%	0.003%
30	5.209	1278	1281	1285	rVB	243	172	0.02%	0.002%
31	5.251	1285	1294	1295	rBV	398	342	0.04%	0.005%
32	5.321	1295	1316	1341	rBV2	294853	840267	100.00%	11.969%
33	5.431	1347	1350	1358	rVB4	468	434	0.05%	0.006%
34	5.611	1401	1406	1407	rBV2	590	490	0.06%	0.007%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070119\
Data File : VU033113.D
Acq On : 01 Jul 2019 14:21
Operator : JC/SP
Sample : K3599-02
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAM11

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	5.662	1418	1422	1429	rVB2	312	289	0.03%	0.004%
36	5.804	1461	1466	1469	rBV3	378	307	0.04%	0.004%
37	5.874	1473	1488	1514	rBV	264117	546556	65.05%	7.785%
38	6.032	1535	1537	1540	rVB2	313	202	0.02%	0.003%
39	6.064	1540	1547	1550	rBV3	315	440	0.05%	0.006%
40	6.112	1558	1562	1566	rVB3	281	262	0.03%	0.004%
41	6.173	1569	1581	1597	rVV8	6507	14622	1.74%	0.208%
42	6.260	1604	1608	1609	rVV2	367	300	0.04%	0.004%
43	6.321	1613	1627	1653	rBV	184368	391781	46.63%	5.580%
44	6.540	1693	1695	1699	rBV2	270	178	0.02%	0.003%
45	6.611	1710	1717	1719	rBV3	381	360	0.04%	0.005%
46	6.723	1748	1752	1755	rBV	292	173	0.02%	0.002%
47	6.871	1789	1798	1800	rBV4	2007	2221	0.26%	0.032%
48	7.222	1895	1907	1928	rVV	98222	192222	22.88%	2.738%
49	7.305	1931	1933	1939	rVV3	781	704	0.08%	0.010%
50	7.337	1940	1943	1945	rVB3	325	177	0.02%	0.003%
51	7.386	1954	1958	1962	rBV4	251	285	0.03%	0.004%
52	7.408	1962	1965	1968	rBV3	410	269	0.03%	0.004%
53	7.427	1968	1971	1977	rVB3	787	695	0.08%	0.010%
54	7.556	1998	2011	2033	rBV	359629	645061	76.77%	9.188%
55	7.845	2088	2101	2129	rBV2	69948	137100	16.32%	1.953%
56	7.987	2142	2145	2148	rBV2	263	186	0.02%	0.003%
57	8.058	2163	2167	2172	rVB2	266	307	0.04%	0.004%
58	8.125	2184	2188	2193	rVB2	175	181	0.02%	0.003%
59	8.218	2206	2217	2232	rVB2	80032	135544	16.13%	1.931%
60	8.321	2237	2249	2283	rBV	206576	468424	55.75%	6.672%
61	8.546	2316	2319	2322	rVB2	310	189	0.02%	0.003%
62	8.726	2372	2375	2377	rBV3	300	171	0.02%	0.002%
63	8.810	2397	2401	2403	rBV2	308	271	0.03%	0.004%
64	9.086	2473	2487	2510	rBV	393485	709764	84.47%	10.110%
65	9.273	2542	2545	2550	rBV3	402	333	0.04%	0.005%
66	9.299	2550	2553	2556	rBV2	315	263	0.03%	0.004%
67	9.379	2575	2578	2584	rVV5	695	660	0.08%	0.009%
68	9.437	2588	2596	2605	rVV5	5621	8740	1.04%	0.124%
69	9.601	2639	2647	2652	rVB3	457	792	0.09%	0.011%
70	9.633	2652	2657	2661	rBV2	199	261	0.03%	0.004%
71	9.778	2698	2702	2705	rBV2	275	188	0.02%	0.003%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070119\
Data File : VU033113.D
Acq On : 01 Jul 2019 14:21
Operator : JC/SP
Sample : K3599-02
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAM11

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	9.807	2705	2711	2713	rBV2	269	304	0.04%	0.004%
73	9.865	2727	2729	2733	rVB2	239	175	0.02%	0.002%
74	9.897	2736	2739	2741	rBV	242	192	0.02%	0.003%
75	10.038	2777	2783	2785	rBV2	222	277	0.03%	0.004%
76	10.260	2849	2852	2857	rVB	387	264	0.03%	0.004%
77	10.289	2859	2861	2864	rBV2	308	222	0.03%	0.003%
78	10.324	2869	2872	2874	rBV2	321	195	0.02%	0.003%
79	10.337	2874	2876	2877	rVV2	418	209	0.02%	0.003%
80	10.353	2877	2881	2888	rVB5	804	837	0.10%	0.012%
81	10.430	2893	2905	2924	rBV	295411	483832	57.58%	6.892%
82	10.546	2937	2941	2944	rBV2	396	326	0.04%	0.005%
83	10.604	2951	2959	2966	rBV2	1045	1616	0.19%	0.023%
84	10.636	2966	2969	2974	rVB2	309	292	0.03%	0.004%
85	10.752	3003	3005	3009	rVB2	355	213	0.03%	0.003%
86	10.810	3013	3023	3034	rBV2	23734	34706	4.13%	0.494%
87	10.893	3044	3049	3052	rBV2	368	383	0.05%	0.005%
88	10.916	3052	3056	3059	rVV2	247	271	0.03%	0.004%
89	11.032	3087	3092	3094	rBV2	258	232	0.03%	0.003%
90	11.080	3104	3107	3109	rBV	291	192	0.02%	0.003%
91	11.170	3131	3135	3137	rBV	247	191	0.02%	0.003%
92	11.250	3156	3160	3162	rBV	234	201	0.02%	0.003%
93	11.385	3198	3202	3205	rBV2	299	244	0.03%	0.003%
94	11.408	3206	3209	3211	rBV2	394	283	0.03%	0.004%
95	11.482	3220	3232	3254	rBV	437051	694295	82.63%	9.889%
96	11.858	3336	3349	3376	rBV	374741	633413	75.38%	9.022%
97	12.475	3533	3541	3548	rBV4	1289	2131	0.25%	0.030%
98	12.736	3620	3622	3626	rBV2	319	175	0.02%	0.002%
99	12.929	3674	3682	3684	rBV2	489	663	0.08%	0.009%
100	14.270	4097	4099	4111	rVB3	1903	2401	0.29%	0.034%

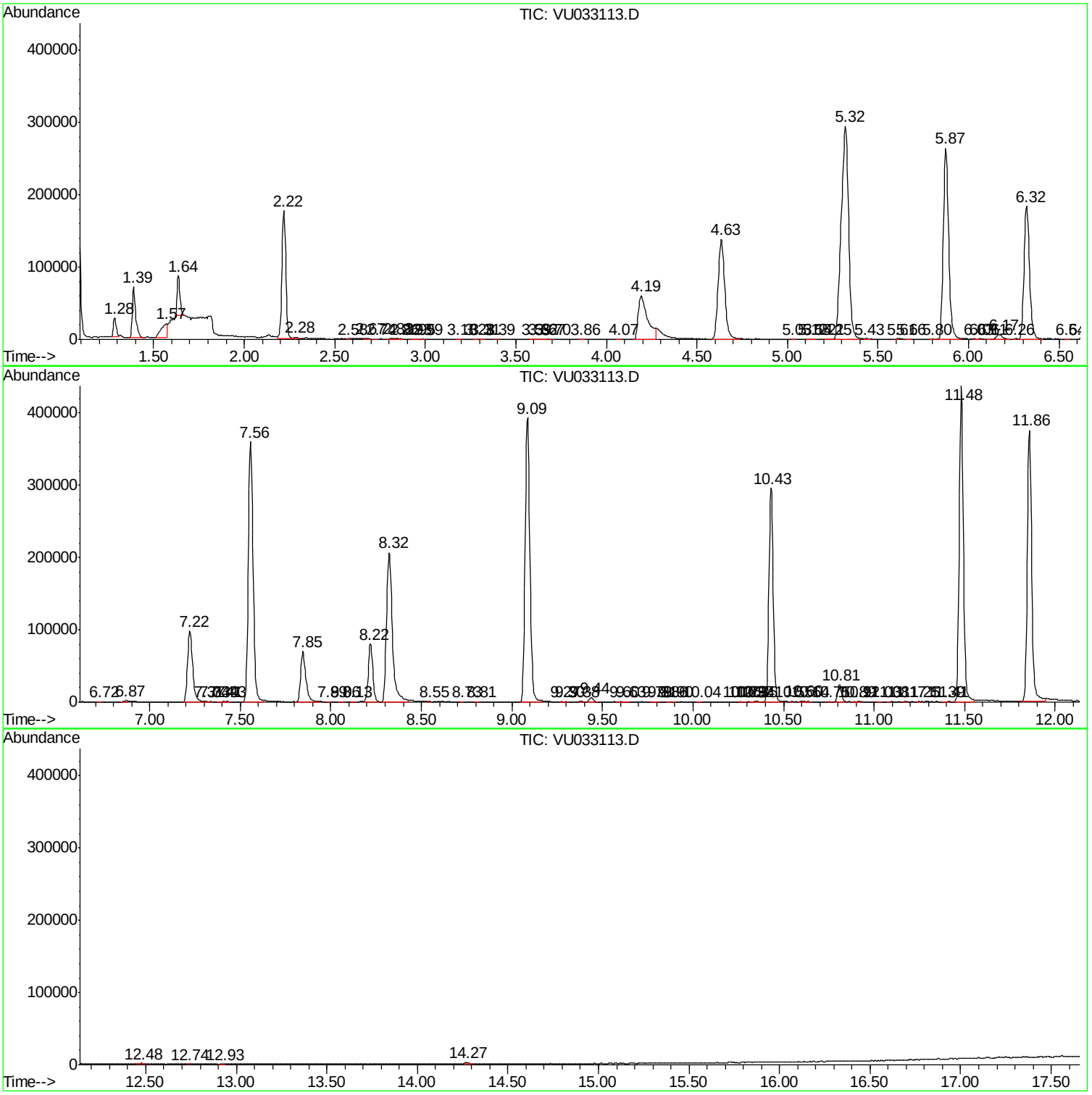
Sum of corrected areas: 7020629

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070119\
Data File : VU033113.D
Acq On : 01 Jul 2019 14:21
Operator : JC/SP
Sample : K3599-02
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAM11

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070119\
Data File : VU033113.D
Acq On : 01 Jul 2019 14:21
Operator : JC/SP
Sample : K3599-02
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAM11

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

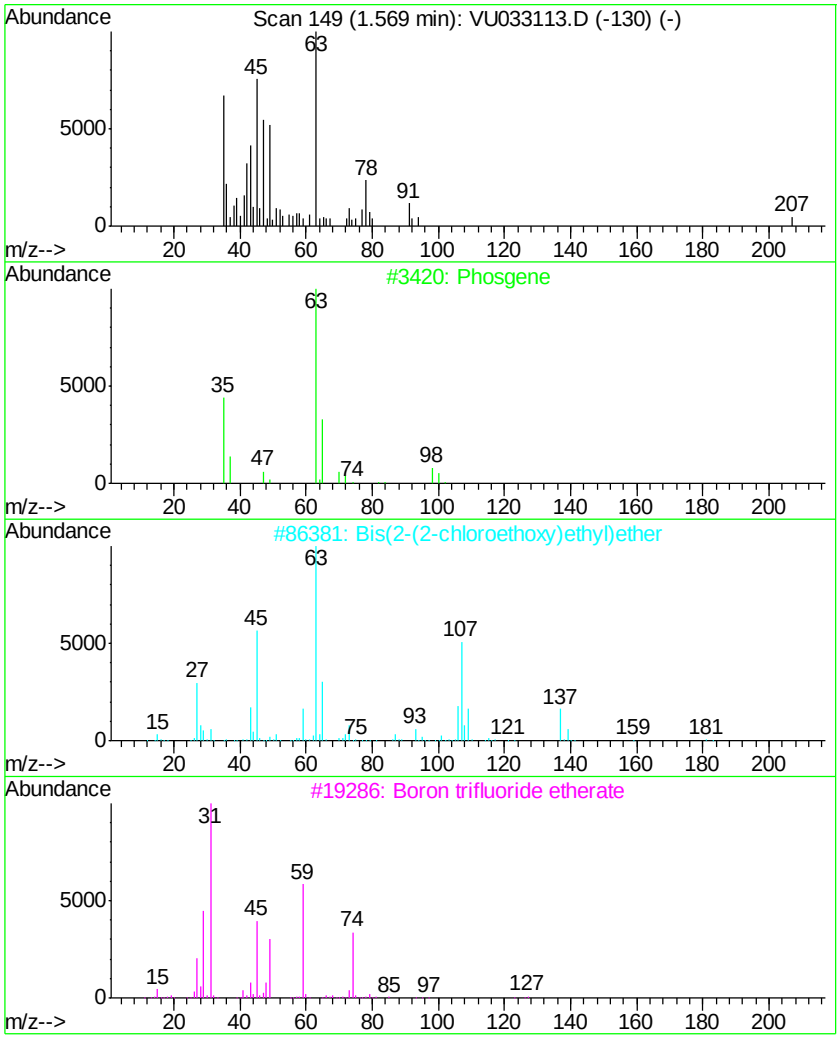
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

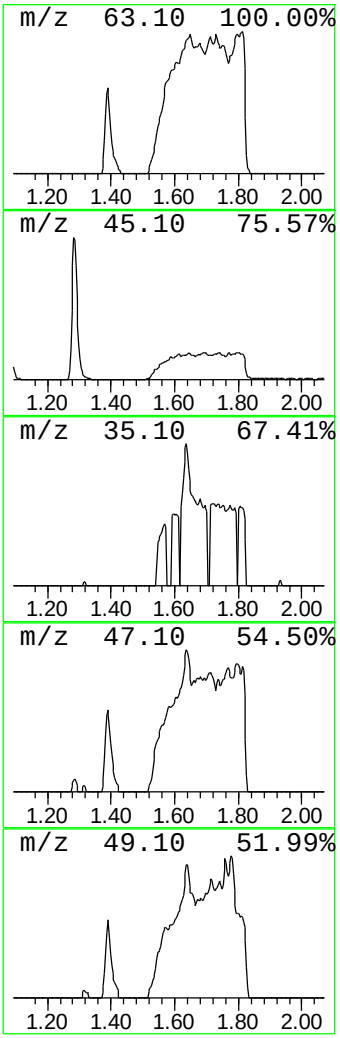
****

Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.57	4.15 ug/L	45377	1,4-Difluorobenzene	5.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosgene	98	CCl2O	000075-44-5	25
2	Bis(2-(2-chloroethoxy)ethyl)ether	230	C8H16Cl2O3	000638-56-2	9
3	Boron trifluoride etherate	142	C4H10BF3O	000109-63-7	9
4	Ethene, (2-chloroethoxy)-	106	C4H7ClO	000110-75-8	4
5	Ethanol, 2-(2-chloroethoxy)-	124	C4H9ClO2	000628-89-7	4





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070119\
Data File : VU033113.D
Acq On : 01 Jul 2019 14:21
Operator : JC/SP
Sample : K3599-02
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAM11

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
unknown-01	1.57	4.2	ug/L	45377	1	5.87	546556	50.0