LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111419\
Data File : VW014027.D
Acq On : 14 Nov 2019 18:05
Operator : SY/VA
Sample : K5810-02
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFLY1

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_W\METHOD\SOM2WLM111119S.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	2.153	36	41	53	rBV	22678	57573	3.45%	0.496%
2	2.348	67	73	83	rVB	111463	197307	11.81%	1.700%
3	2.885	154	161	175	rVB	78250	185873	11.13%	1.602%
4	3.300	228	229	231	rBV	457	294	0.02%	0.003%
5	3.464	254	256	257	rBV	628	457	0.03%	0.004%
6	3.525	263	266	267	rBV2	568	698	0.04%	0.006%
7	3.610	278	280	283	rVB2	379	384	0.02%	0.003%
8	3.684	291	292	294	rVB2	543	280	0.02%	0.002%
9	3.940	331	334	335	rBV2	299	376	0.02%	0.003%
10	4.019	335	347	362	rBV	171720	553830	33.16%	4.773%
11	4.251	382	385	391	rVB2	325	604	0.04%	0.005%
12	4.391	403	408	412	rBV3	957	2046	0.12%	0.018%
13	4.598	439	442	444	rVV2	384	479	0.03%	0.004%
14	4.647	448	450	451	rVB	370	247	0.01%	0.002%
15	4.714	460	461	463	rBV2	378	268	0.02%	0.002%
16	4.744	463	466	467	rBV	237	229	0.01%	0.002%
17	4.763	467	469	471	rBV2	296	301	0.02%	0.003%
18	4.781	471	472	475	rVB	328	282	0.02%	0.002%
19	4.915	481	494	510	rBV6	6879	26731	1.60%	0.230%
20	5.153	531	533	536	rBV3	718	747	0.04%	0.006%
21	5.397	571	573	574	rVB2	416	237	0.01%	0.002%
22	5.537	594	596	599	rVV	407	314	0.02%	0.003%
23	5.580	599	603	605	rVB2	421	427	0.03%	0.004%
24	5.689	619	621	624	rBV3	325	294	0.02%	0.003%
25	5.726	624	627	630	rBV2	452	685	0.04%	0.006%
26	5.842	642	646	649	rBV	347	455	0.03%	0.004%
27	5.927	652	660	670	rVV4	3540	9995	0.60%	0.086%
28	6.086	684	686	689	rVB2	386	405	0.02%	0.003%
29	6.122	689	692	694	rBV2	423	502	0.03%	0.004%
30	6.159	694	698	703	rBV2	295	441	0.03%	0.004%
31	6.208	703	706	709	rBV2	322	354	0.02%	0.003%
32	6.232	709	710	712	rBV	295	235	0.01%	0.002%
33	6.622	770	774	776	rVB2	251	359	0.02%	0.003%
34	6.829	805	808	809	rBV	320	248	0.01%	0.002%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111419\
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Operator : SY/VA
Sample : K5810-02
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFLY1

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_W\METHOD\SOM2WLM111119S.M
Title : VOC Analysis

35	6.909	815	821	822	rBV4	594	849	0.05%	0.007%
36	7.073	837	848	853	rBV	51008	143250	8.58%	1.235%
37	7.439	906	908	911	rBV3	440	433	0.03%	0.004%
38	7.549	924	926	929	rVB2	499	451	0.03%	0.004%
39	7.640	930	941	956	rVB	258902	666373	39.90%	5.743%
40	7.750	956	959	962	rVB2	578	579	0.03%	0.005%
41	7.902	982	984	986	rBV2	367	342	0.02%	0.003%
42	7.945	989	991	994	rVV3	484	480	0.03%	0.004%
43	8.036	1002	1006	1007	rBV	327	359	0.02%	0.003%
44	8.140	1021	1023	1025	rBV2	370	399	0.02%	0.003%
45	8.274	1032	1045	1062	rBV2	575634	1670087	100.00%	14.393%
46	8.482	1078	1079	1082	rVV	459	288	0.02%	0.002%
47	8.536	1086	1088	1091	rBV3	241	271	0.02%	0.002%
48	8.622	1098	1102	1103	rBV3	888	901	0.05%	0.008%
49	8.683	1109	1112	1115	rBV3	550	716	0.04%	0.006%
50	8.841	1129	1138	1148	rBV	410378	827143	49.53%	7.128%
51	9.030	1163	1169	1171	rBV2	4463	7600	0.46%	0.065%
52	9.091	1172	1179	1188	rVV2	93607	195172	11.69%	1.682%
53	9.177	1191	1193	1195	rVB2	482	378	0.02%	0.003%
54	9.274	1200	1209	1225	rBV	364106	754307	45.17%	6.501%
55	9.451	1236	1238	1240	rBV2	272	261	0.02%	0.002%
56	9.500	1242	1246	1248	rBV3	794	1255	0.08%	0.011%
57	9.646	1266	1270	1277	rBV7	2278	5242	0.31%	0.045%
58	9.725	1281	1283	1285	rBV	242	291	0.02%	0.003%
59	9.756	1285	1288	1294	rBV2	1010	1283	0.08%	0.011%
60	9.804	1294	1296	1297	rBV	547	356	0.02%	0.003%
61	9.884	1305	1309	1316	rVB6	2723	4560	0.27%	0.039%
62	9.963	1320	1322	1323	rBV6	332	241	0.01%	0.002%
63	10.030	1326	1333	1345	rVB	196644	352750	21.12%	3.040%
64	10.213	1358	1363	1366	rBV2	2452	4426	0.27%	0.038%
65	10.323	1373	1381	1389	rBV	801414	1416631	84.82%	12.209%
66	10.481	1402	1407	1409	rBV4	1413	2509	0.15%	0.022%
67	10.579	1415	1423	1434	rVB	124435	223001	13.35%	1.922%
68	10.707	1437	1444	1451	rVB	42309	75089	4.50%	0.647%
69	10.859	1464	1469	1473	rBV2	10353	15534	0.93%	0.134%
70	10.920	1473	1479	1489	rVV	195816	330715	19.80%	2.850%
71	11.060	1497	1502	1509	rVB2	25695	43523	2.61%	0.375%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111419\
Data File : VW014027.D
Acq On : 14 Nov 2019 18:05
Operator : SY/VA
Sample : K5810-02
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFLY1

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_W\METHOD\SOM2WLM111119S.M
Title : VOC Analysis

72	11.231	1528	1530	1531	rBV	554	328	0.02%	0.003%
73	11.438	1559	1564	1570	rVB2	19518	34608	2.07%	0.298%
74	11.627	1589	1595	1609	rVB	609711	1020065	61.08%	8.791%
75	12.463	1730	1732	1738	rVB4	1286	1924	0.12%	0.017%
76	12.511	1738	1740	1742	rVB	579	336	0.02%	0.003%
77	12.542	1744	1745	1746	rBV	469	241	0.01%	0.002%
78	12.609	1749	1756	1762	rBV	57282	94440	5.65%	0.814%
79	12.688	1762	1769	1777	rBV	280427	470914	28.20%	4.058%
80	12.761	1777	1781	1785	rVB5	1470	2395	0.14%	0.021%
81	12.865	1793	1798	1800	rBV3	672	810	0.05%	0.007%
82	12.932	1803	1809	1815	rVV	12530	18727	1.12%	0.161%
83	13.029	1822	1825	1830	rBV3	1093	1934	0.12%	0.017%
84	13.078	1830	1833	1837	rBV4	1227	1697	0.10%	0.015%
85	13.292	1865	1868	1874	rVB2	8167	13626	0.82%	0.117%
86	13.407	1881	1887	1892	rVB3	4671	8397	0.50%	0.072%
87	13.456	1893	1895	1896	rBV2	821	600	0.04%	0.005%
88	13.511	1900	1904	1905	rBV2	1656	2239	0.13%	0.019%
89	13.554	1905	1911	1918	rBV	613997	1015571	60.81%	8.752%
90	13.761	1940	1945	1948	rBV4	4214	7335	0.44%	0.063%
91	13.852	1953	1960	1967	rBV	646582	1060281	63.49%	9.138%
92	14.072	1991	1996	2003	rVB	19683	31915	1.91%	0.275%
93	14.200	2012	2017	2023	rBV6	1755	3516	0.21%	0.030%
94	14.279	2029	2030	2031	rBV	602	399	0.02%	0.003%
95	14.304	2032	2034	2036	rBV2	1186	1272	0.08%	0.011%
96	14.791	2110	2114	2116	rBV3	1036	1396	0.08%	0.012%
97	15.041	2153	2155	2158	rBV2	763	628	0.04%	0.005%
98	15.072	2158	2160	2162	rVB	1002	630	0.04%	0.005%
99	15.291	2194	2196	2197	rBV	908	466	0.03%	0.004%
100	15.438	2216	2220	2225	rVB4	9359	14815	0.89%	0.128%

Sum of corrected areas: 11603507

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111419\
Data File : VW014027.D
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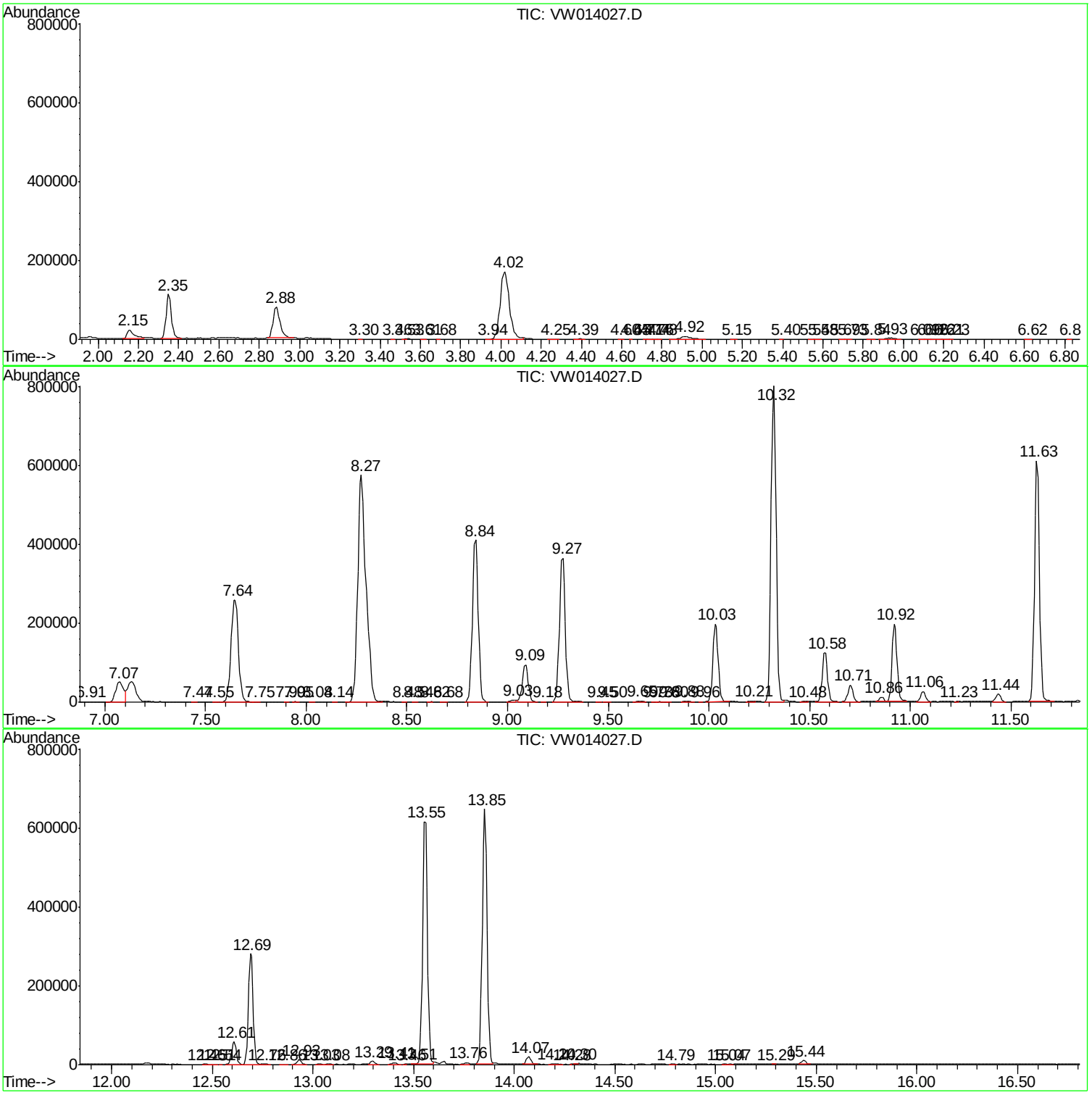
Operator : SY/VA
Sample : K5810-02
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFLY1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.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_W\DATA\VW111419\
Data File : VW014027.D
Acq On : 14 Nov 2019 18:05
Operator : SY/VA
Sample : K5810-02
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFLY1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

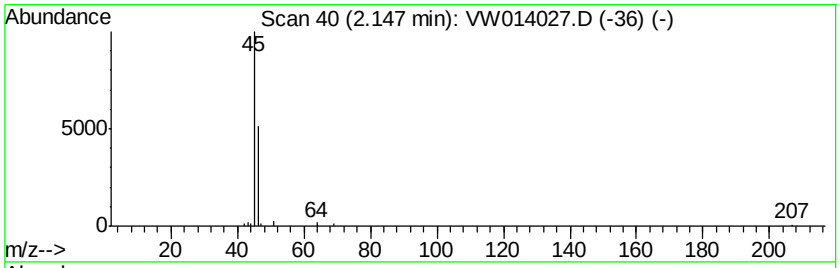
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

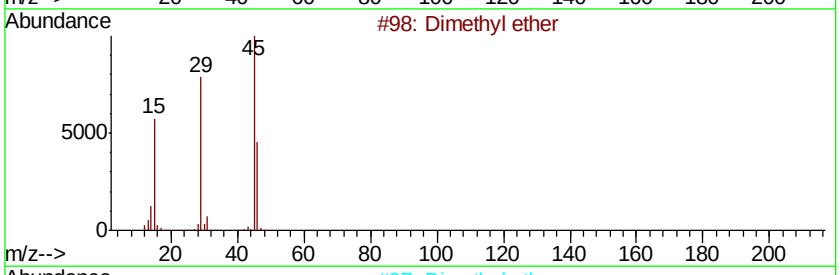
****

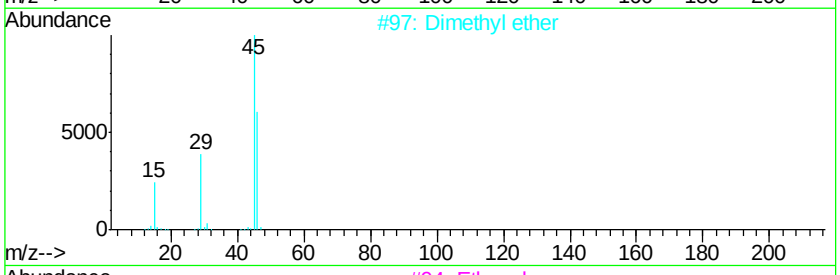
Peak Number 1 Dimethyl ether Concentration Rank 4

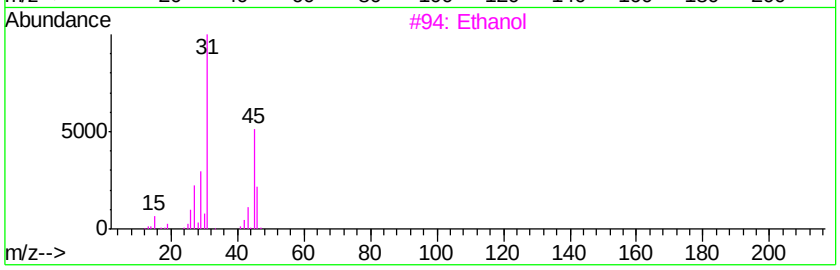
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	1.74 ug/L	57573	1,4-Difluorobenzene	8.84

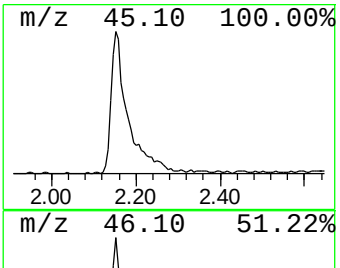
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	86
2	Dimethyl ether	46	C2H6O	000115-10-6	64
3	Ethanol	46	C2H6O	000064-17-5	7
4	Ethanol	46	C2H6O	000064-17-5	7
5	Ethanol	46	C2H6O	000064-17-5	7

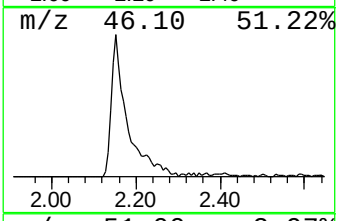


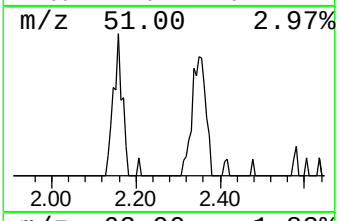


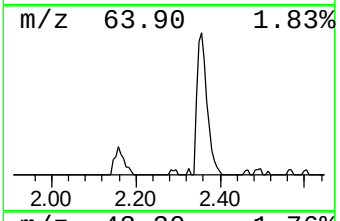


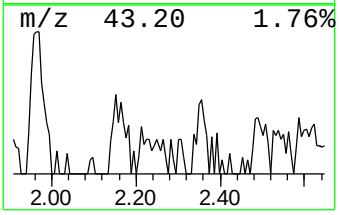












Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111419\
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Instrument : MSVOA_W
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.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
Dimethyl ether	2.15	1.7	ug/L	57573	1	8.84	827143	25.0