LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072018\
Data File : VW004070.D
Acq On : 20 Jul 2018 12:25
Operator : SY/AP
Sample : J4023-18
Misc : 4.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB1M9

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\SOM2WLM071818S.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	1.746	17	26	27	rBV	11474	17898	0.32%	0.138%
2	1.807	28	36	57	rVB	2561174	5564718	100.00%	42.895%
3	2.349	120	125	134	rVB	60430	104432	1.88%	0.805%
4	2.892	207	214	227	rVB	36873	93534	1.68%	0.721%
5	4.008	387	397	409	rBV	91900	268226	4.82%	2.068%
6	4.318	447	448	449	rVB	658	240	0.00%	0.002%
7	4.355	452	454	456	rBV2	669	802	0.01%	0.006%
8	4.770	520	522	526	rVB4	349	327	0.01%	0.003%
9	4.910	534	545	557	rBV3	7966	25392	0.46%	0.196%
10	5.111	574	578	580	rBV3	408	646	0.01%	0.005%
11	5.129	580	581	582	rBV	410	217	0.00%	0.002%
12	5.257	601	602	606	rVB2	314	293	0.01%	0.002%
13	5.398	623	625	626	rBV	346	212	0.00%	0.002%
14	5.574	652	654	657	rBV3	273	360	0.01%	0.003%
15	5.769	684	686	687	rBV	494	396	0.01%	0.003%
16	5.928	704	712	713	rBV2	2848	4567	0.08%	0.035%
17	6.111	740	742	744	rBV2	465	429	0.01%	0.003%
18	6.221	758	760	762	rBV2	252	313	0.01%	0.002%
19	6.294	770	772	775	rVB2	240	261	0.00%	0.002%
20	6.324	775	777	780	rBV	236	245	0.00%	0.002%
21	6.483	799	803	808	rBV3	279	522	0.01%	0.004%
22	6.556	814	815	817	rBV	226	227	0.00%	0.002%
23	6.611	820	824	826	rBV2	291	332	0.01%	0.003%
24	6.720	840	842	844	rBV	390	277	0.00%	0.002%
25	7.080	892	901	910	rBV	40396	116724	2.10%	0.900%
26	7.239	925	927	930	rVV2	448	398	0.01%	0.003%
27	7.269	930	932	933	rVB2	361	213	0.00%	0.002%
28	7.403	951	954	956	rBV2	650	778	0.01%	0.006%
29	7.647	983	994	1005	rBV	182017	449283	8.07%	3.463%
30	7.860	1026	1029	1031	rVB3	376	386	0.01%	0.003%
31	7.921	1034	1039	1040	rBV3	813	1011	0.02%	0.008%
32	8.019	1053	1055	1058	rBV3	319	493	0.01%	0.004%
33	8.110	1067	1070	1071	rBV	324	272	0.00%	0.002%
34	8.153	1074	1077	1078	rBV	457	494	0.01%	0.004%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072018\
Data File : VW004070.D
Acq On : 20 Jul 2018 12:25
Operator : SY/AP
Sample : J4023-18
Misc : 4.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB1M9

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\SOM2WLM071818S.M
Title : VOC Analysis

35	8.281	1088	1098	1114	rBV2	327147	1016013	18.26%	7.832%
36	8.488	1131	1132	1135	rBV	456	300	0.01%	0.002%
37	8.562	1138	1144	1146	rBV2	608	811	0.01%	0.006%
38	8.616	1151	1153	1156	rBV2	252	302	0.01%	0.002%
39	8.702	1160	1167	1174	rVB5	2599	6063	0.11%	0.047%
40	8.848	1182	1191	1201	rBV	416015	803316	14.44%	6.192%
41	8.970	1209	1211	1212	rVB2	414	209	0.00%	0.002%
42	8.994	1212	1215	1216	rBV	318	270	0.00%	0.002%
43	9.043	1218	1223	1224	rBV2	1977	2838	0.05%	0.022%
44	9.281	1252	1262	1276	rVV	251409	514927	9.25%	3.969%
45	9.476	1289	1294	1298	rVB5	1195	2292	0.04%	0.018%
46	9.555	1304	1307	1308	rBV2	252	278	0.00%	0.002%
47	9.604	1312	1315	1317	rBV3	324	309	0.01%	0.002%
48	9.659	1320	1324	1325	rBV3	828	1032	0.02%	0.008%
49	9.763	1334	1341	1350	rVB3	11271	23378	0.42%	0.180%
50	9.842	1350	1354	1355	rBV2	303	306	0.01%	0.002%
51	9.897	1355	1363	1372	rBV2	25456	50658	0.91%	0.390%
52	10.037	1378	1386	1394	rBV	115337	213565	3.84%	1.646%
53	10.208	1411	1414	1415	rBV2	410	366	0.01%	0.003%
54	10.250	1416	1421	1426	rBV2	6127	10557	0.19%	0.081%
55	10.330	1426	1434	1441	rBV	427096	742983	13.35%	5.727%
56	10.391	1441	1444	1449	rVB	11752	17383	0.31%	0.134%
57	10.512	1460	1464	1469	rVB4	3918	6344	0.11%	0.049%
58	10.580	1469	1475	1487	rVB	86208	150682	2.71%	1.162%
59	10.708	1491	1496	1504	rVV3	3089	7034	0.13%	0.054%
60	10.781	1505	1508	1513	rVB4	2556	3679	0.07%	0.028%
61	10.933	1526	1533	1544	rBV	139003	237717	4.27%	1.832%
62	11.079	1553	1557	1568	rVB5	3142	7055	0.13%	0.054%
63	11.214	1578	1579	1582	rVB3	517	436	0.01%	0.003%
64	11.275	1588	1589	1594	rVB	379	334	0.01%	0.003%
65	11.342	1598	1600	1602	rVB2	364	257	0.00%	0.002%
66	11.384	1606	1607	1609	rBV2	277	220	0.00%	0.002%
67	11.476	1619	1622	1627	rVB4	410	707	0.01%	0.005%
68	11.543	1631	1633	1634	rVB	369	225	0.00%	0.002%
69	11.634	1640	1648	1656	rBV	540632	908358	16.32%	7.002%
70	11.720	1656	1662	1672	rVB	24398	41043	0.74%	0.316%
71	11.793	1672	1674	1676	rVB	855	650	0.01%	0.005%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072018\
Data File : VW004070.D
Acq On : 20 Jul 2018 12:25
Operator : SY/AP
Sample : J4023-18
Misc : 4.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB1M9

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\SOM2WLM071818S.M
Title : VOC Analysis

72	11.848	1676	1683	1686	rBV5	1756	3549	0.06%	0.027%
73	12.012	1707	1710	1712	rBV	355	339	0.01%	0.003%
74	12.189	1733	1739	1743	rBV4	1365	2826	0.05%	0.022%
75	12.256	1749	1750	1752	rVB	556	326	0.01%	0.003%
76	12.390	1770	1772	1774	rBV2	347	298	0.01%	0.002%
77	12.476	1782	1786	1790	rBV3	483	709	0.01%	0.005%
78	12.555	1796	1799	1804	rBV5	1238	2250	0.04%	0.017%
79	12.616	1805	1809	1816	rVB2	6105	9743	0.18%	0.075%
80	12.701	1816	1823	1830	rBV	214131	349963	6.29%	2.698%
81	12.902	1854	1856	1858	rVV3	567	605	0.01%	0.005%
82	12.939	1859	1862	1867	rVV5	1258	2135	0.04%	0.016%
83	13.049	1876	1880	1885	rVB2	1430	2262	0.04%	0.017%
84	13.158	1895	1898	1902	rBV2	1691	2337	0.04%	0.018%
85	13.225	1903	1909	1914	rVV	17351	27022	0.49%	0.208%
86	13.481	1948	1951	1953	rBV2	493	785	0.01%	0.006%
87	13.567	1958	1965	1974	rVV	395712	625385	11.24%	4.821%
88	13.658	1976	1980	1985	rVB2	6407	10494	0.19%	0.081%
89	13.859	2006	2013	2024	rBV	284373	481124	8.65%	3.709%
90	14.024	2038	2040	2041	rBV2	481	250	0.00%	0.002%
91	14.085	2046	2050	2055	rVB3	2913	4541	0.08%	0.035%
92	14.170	2061	2064	2066	rBV3	429	553	0.01%	0.004%
93	14.274	2079	2081	2083	rBV3	309	269	0.00%	0.002%
94	14.341	2089	2092	2097	rVB2	1320	1750	0.03%	0.013%
95	14.536	2121	2124	2132	rVB2	4950	7558	0.14%	0.058%
96	14.737	2154	2157	2161	rVB2	4003	4900	0.09%	0.038%
97	15.310	2248	2251	2252	rBV3	674	472	0.01%	0.004%
98	15.573	2290	2294	2299	rVB3	1253	1972	0.04%	0.015%
99	15.920	2349	2351	2352	rBV	403	219	0.00%	0.002%
100	16.664	2471	2473	2474	rBV2	554	303	0.01%	0.002%

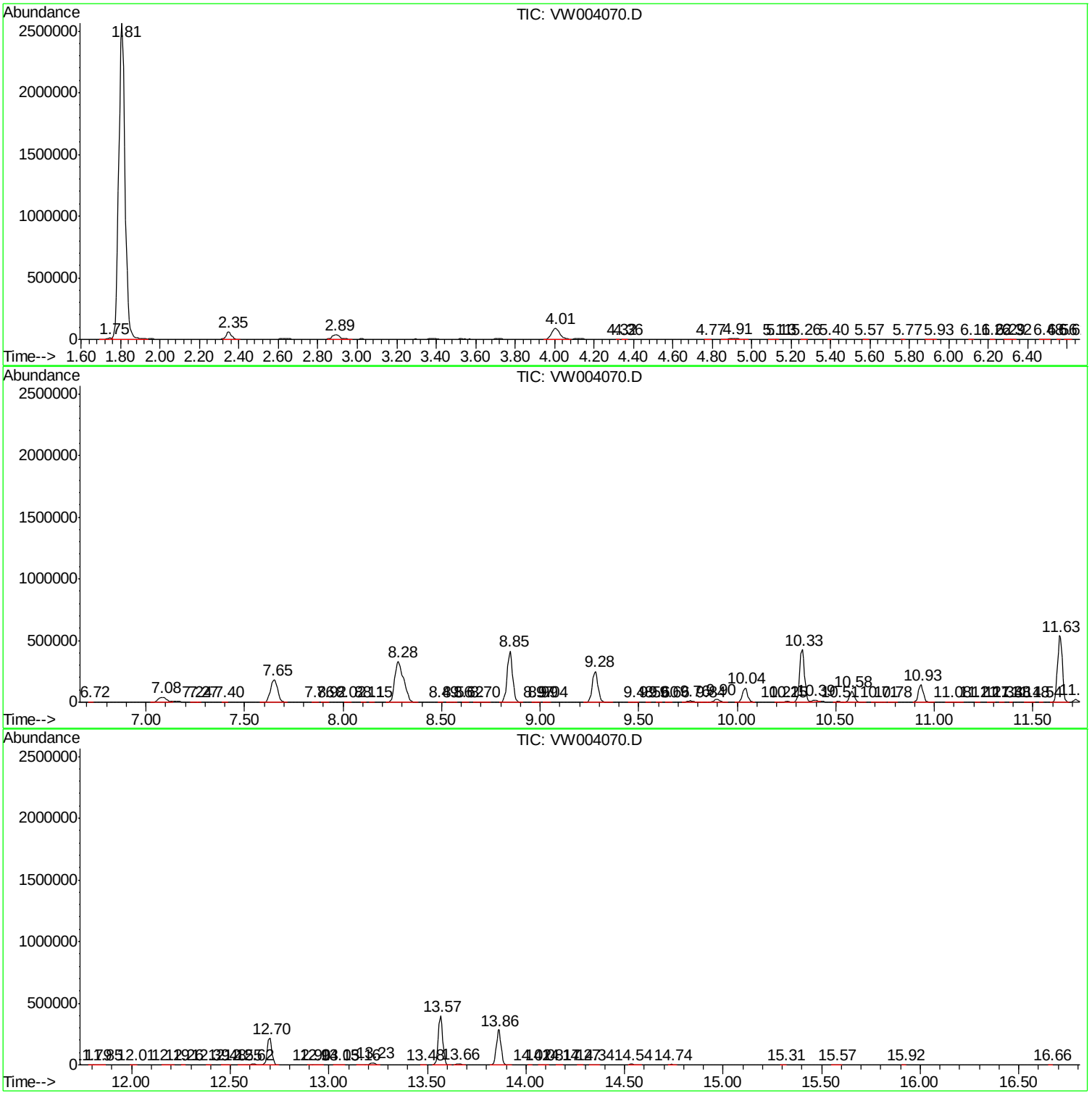
Sum of corrected areas: 12972754

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072018\
Data File : VW004070.D
Acq On : 20 Jul 2018 12:25
Operator : SY/AP
Sample : J4023-18
Misc : 4.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB1M9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.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\VW072018\
Data File : VW004070.D
Acq On : 20 Jul 2018 12:25
Operator : SY/AP
Sample : J4023-18
Misc : 4.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB1M9

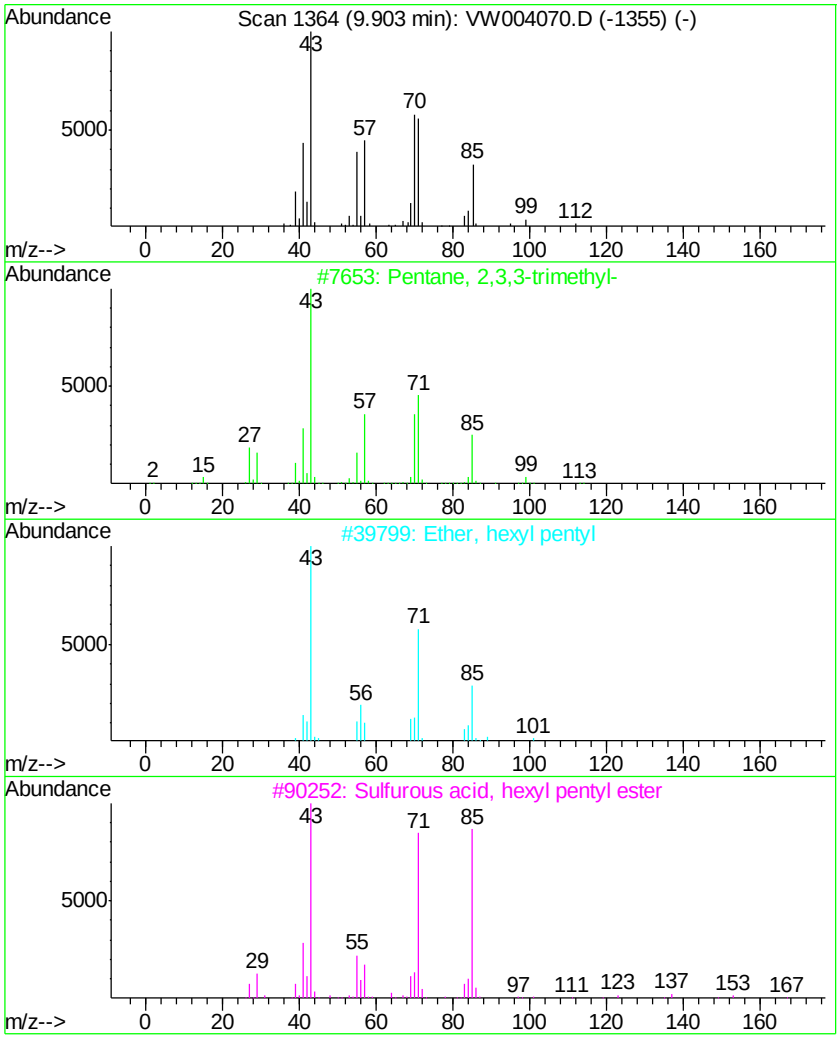
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
Quant Title : VOC Analysis

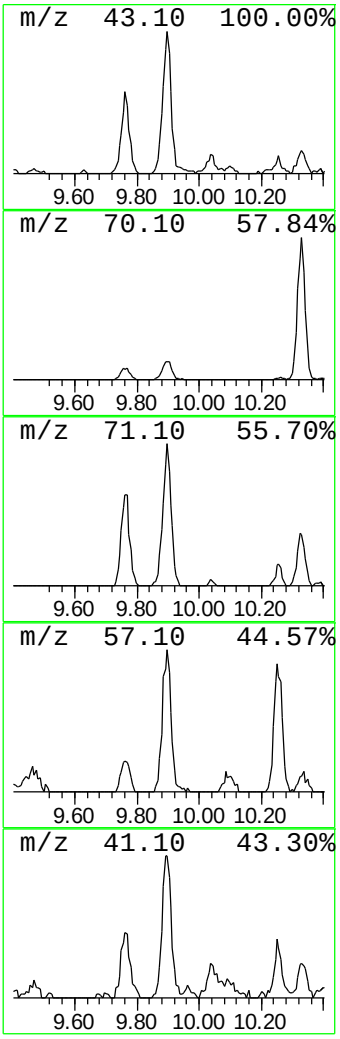
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	1.58 ug/L	50658	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	78
2	Ether, hexyl pentyl	172	C11H24O	032357-83-8	59
3	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	59
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	59
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072018\
Data File : VW004070.D
Acq On : 20 Jul 2018 12:25
Operator : SY/AP
Sample : J4023-18
Misc : 4.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB1M9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.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
(DEL) Alkane: Str...	9.90	1.6	ug/L	50658	1	8.85	803316	25.0