LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031619\
Data File : VW009214.D
Acq On : 16 Mar 2019 17:05
Operator : SY/VA
Sample : VIBLK71
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK71

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\SOM2WLM031419S.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	2.361	70	75	89	rVB	90584	222659	14.07%	1.829%
2	2.891	157	162	176	rVB2	89855	241825	15.28%	1.986%
3	4.013	337	346	363	rBV2	167812	551184	34.83%	4.527%
4	4.562	434	436	440	rBV	2370	3420	0.22%	0.028%
5	4.623	444	446	447	rVB	2812	1459	0.09%	0.012%
6	4.720	461	462	464	rVB	1882	1176	0.07%	0.010%
7	5.342	562	564	566	rVB	2607	1617	0.10%	0.013%
8	5.470	583	585	587	rVB	3021	2258	0.14%	0.019%
9	5.507	589	591	593	rVV	1419	1208	0.08%	0.010%
10	5.751	630	631	634	rBV	1684	1243	0.08%	0.010%
11	5.787	634	637	638	rVB	1985	1701	0.11%	0.014%
12	5.818	641	642	645	rBV	2479	2799	0.18%	0.023%
13	5.872	648	651	654	rVB2	1599	2075	0.13%	0.017%
14	5.915	654	658	660	rBV3	3342	4698	0.30%	0.039%
15	6.025	674	676	678	rBV2	1876	1733	0.11%	0.014%
16	6.074	680	684	686	rBV3	1582	2720	0.17%	0.022%
17	6.244	710	712	715	rBV2	1640	1760	0.11%	0.014%
18	6.348	725	729	734	rBV2	2060	3821	0.24%	0.031%
19	6.397	734	737	740	rBV	1999	2795	0.18%	0.023%
20	6.580	765	767	770	rVB2	1983	1368	0.09%	0.011%
21	6.671	779	782	784	rBV	1959	2531	0.16%	0.021%
22	6.750	794	795	798	rBV2	1760	1547	0.10%	0.013%
23	6.775	798	799	801	rVB	2328	1178	0.07%	0.010%
24	6.805	801	804	806	rBV	1611	2046	0.13%	0.017%
25	6.994	833	835	837	rBV	1914	2055	0.13%	0.017%
26	7.080	840	849	862	rVV	59637	180434	11.40%	1.482%
27	7.299	883	885	889	rBV2	1609	1832	0.12%	0.015%
28	7.336	889	891	896	rBV2	1127	1296	0.08%	0.011%
29	7.409	901	903	906	rBV	1863	1768	0.11%	0.015%
30	7.500	915	918	919	rBV	1934	1703	0.11%	0.014%
31	7.647	932	942	955	rVV	274024	681909	43.09%	5.601%
32	7.939	988	990	994	rVB4	1700	1386	0.09%	0.011%
33	8.000	997	1000	1002	rVV	1450	1246	0.08%	0.010%
34	8.073	1010	1012	1016	rVB	2063	1833	0.12%	0.015%

LSC Area Percent Report

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Acq On : 16 Mar 2019 17:05
Operator : SY/VA
Sample : VIBLK71
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK71

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\SOM2WLM031419S.M
Title : VOC Analysis

35	8.110	1016	1018	1020	rBV2	1476	1635	0.10%	0.013%
36	8.153	1023	1025	1026	rBV	2460	1791	0.11%	0.015%
37	8.274	1034	1045	1058	rBV2	525978	1582399	100.00%	12.998%
38	8.421	1068	1069	1072	rBV	2412	2262	0.14%	0.019%
39	8.470	1075	1077	1079	rBV	2163	1789	0.11%	0.015%
40	8.610	1098	1100	1102	rBV3	1487	1165	0.07%	0.010%
41	8.671	1107	1110	1111	rBV	2392	2023	0.13%	0.017%
42	8.756	1122	1124	1125	rVB	2162	1154	0.07%	0.009%
43	8.841	1127	1138	1147	rBV	521242	1015783	64.19%	8.344%
44	8.969	1157	1159	1162	rVB	2522	2123	0.13%	0.017%
45	9.073	1172	1176	1179	rBV5	2883	5121	0.32%	0.042%
46	9.140	1185	1187	1192	rBV	2173	3220	0.20%	0.026%
47	9.274	1199	1209	1218	rBV	358121	744894	47.07%	6.118%
48	9.463	1238	1240	1245	rBV4	2779	4528	0.29%	0.037%
49	9.536	1251	1252	1257	rVB3	2981	3884	0.25%	0.032%
50	9.591	1257	1261	1264	rBV2	2564	4570	0.29%	0.038%
51	9.622	1264	1266	1268	rVB2	1944	1413	0.09%	0.012%
52	9.664	1268	1273	1275	rBV	1785	2846	0.18%	0.023%
53	9.756	1282	1288	1295	rBV4	21111	46072	2.91%	0.378%
54	9.890	1304	1310	1319	rVV3	49795	106487	6.73%	0.875%
55	10.036	1325	1334	1341	rBV	203570	375581	23.73%	3.085%
56	10.158	1352	1354	1359	rVB	2404	2744	0.17%	0.023%
57	10.201	1359	1361	1362	rVB	2567	1613	0.10%	0.013%
58	10.250	1362	1369	1374	rBV3	25645	50062	3.16%	0.411%
59	10.323	1374	1381	1389	rVV	727439	1265815	79.99%	10.397%
60	10.469	1404	1405	1408	rBV	1720	1510	0.10%	0.012%
61	10.579	1416	1423	1431	rBV	143974	246514	15.58%	2.025%
62	10.658	1434	1436	1438	rVB3	1556	1303	0.08%	0.011%
63	10.701	1438	1443	1448	rBV2	8815	16416	1.04%	0.135%
64	10.853	1463	1468	1469	rBV4	3283	5418	0.34%	0.045%
65	10.926	1473	1480	1490	rBV	257500	432202	27.31%	3.550%
66	11.146	1512	1516	1518	rBV3	1752	2411	0.15%	0.020%
67	11.280	1536	1538	1540	rBV2	2087	2233	0.14%	0.018%
68	11.304	1540	1542	1544	rVV	1771	1526	0.10%	0.013%
69	11.378	1552	1554	1555	rBV	1975	1696	0.11%	0.014%
70	11.518	1574	1577	1582	rBV	1670	2357	0.15%	0.019%
71	11.634	1588	1596	1603	rBV	742487	1270914	80.32%	10.439%

LSC Area Percent Report

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Sample : VIBLK71
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK71

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\SOM2WLM031419S.M
Title : VOC Analysis

72	11.780	1617	1620	1622	rVB	1839	1819	0.11%	0.015%
73	11.835	1625	1629	1632	rBV3	2944	5215	0.33%	0.043%
74	12.097	1669	1672	1673	rBV	1537	1322	0.08%	0.011%
75	12.182	1684	1686	1688	rVB	1952	1226	0.08%	0.010%
76	12.335	1709	1711	1715	rBV2	1951	1999	0.13%	0.016%
77	12.444	1727	1729	1730	rBV	2251	1902	0.12%	0.016%
78	12.572	1748	1750	1752	rVV	1734	1760	0.11%	0.014%
79	12.609	1752	1756	1762	rVB4	17841	30139	1.90%	0.248%
80	12.694	1763	1770	1778	rVB	348632	564736	35.69%	4.639%
81	12.847	1793	1795	1796	rBV	1741	1791	0.11%	0.015%
82	13.237	1857	1859	1860	rBV	1724	1155	0.07%	0.009%
83	13.286	1865	1867	1869	rBV	2091	1470	0.09%	0.012%
84	13.396	1882	1885	1886	rBV	2501	2288	0.14%	0.019%
85	13.481	1896	1899	1900	rBV2	2772	2842	0.18%	0.023%
86	13.560	1906	1912	1927	rVB	760670	1207298	76.30%	9.917%
87	13.719	1936	1938	1940	rBV2	1697	1584	0.10%	0.013%
88	13.755	1942	1944	1946	rBV	2563	2545	0.16%	0.021%
89	13.859	1954	1961	1969	rBV	676125	1129240	71.36%	9.275%
90	14.072	1992	1996	2004	rVB2	15382	27794	1.76%	0.228%
91	14.316	2035	2036	2037	rBV	1913	1303	0.08%	0.011%
92	14.487	2063	2064	2067	rVB	2502	1214	0.08%	0.010%
93	14.523	2067	2070	2073	rBV	2264	3016	0.19%	0.025%
94	14.962	2139	2142	2143	rBV	2086	1565	0.10%	0.013%
95	15.115	2165	2167	2172	rVB	2195	3052	0.19%	0.025%
96	15.499	2227	2230	2236	rBV2	6248	11767	0.74%	0.097%
97	15.804	2278	2280	2285	rVB2	3947	5567	0.35%	0.046%
98	15.883	2291	2293	2294	rBV	2698	2032	0.13%	0.017%
99	16.035	2316	2318	2320	rBV	2791	2329	0.15%	0.019%
100	16.413	2378	2380	2382	rBV2	2514	2760	0.17%	0.023%

Sum of corrected areas: 12174487

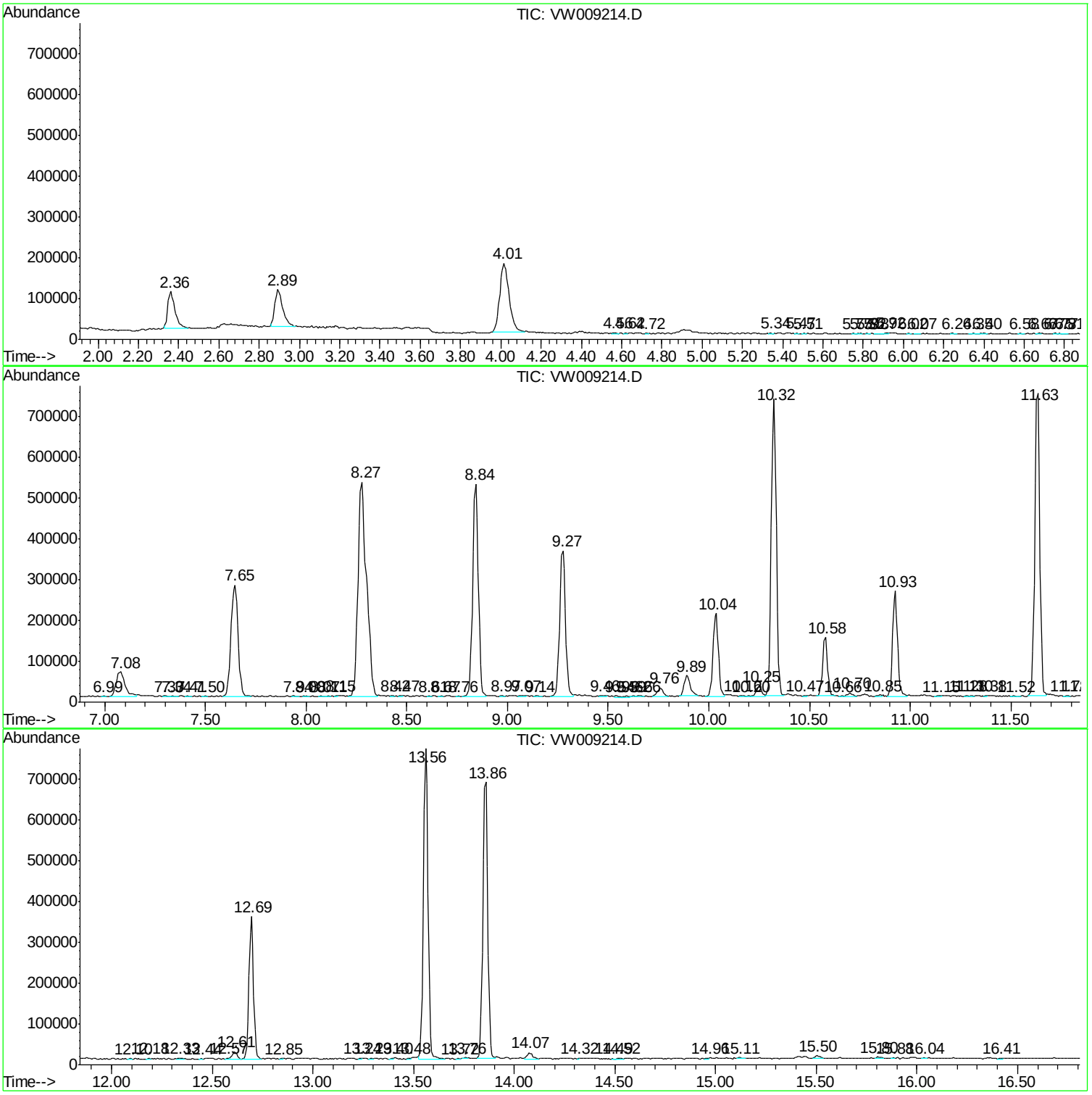
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031619\
Data File : VW009214.D
Acq On : 16 Mar 2019 17:05
Operator : SY/VA
Sample : VIBLK71
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK71

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.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\VW031619\
Data File : VW009214.D
Acq On : 16 Mar 2019 17:05
Operator : SY/VA
Sample : VIBLK71
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK71

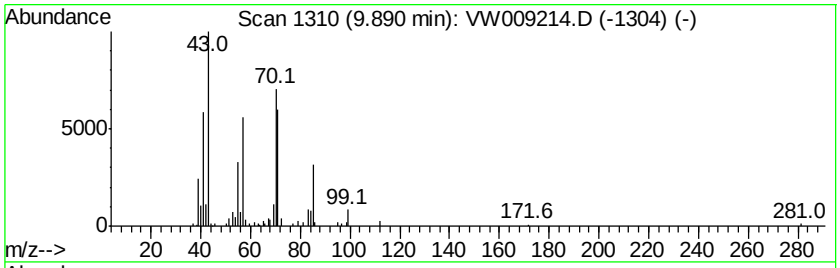
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

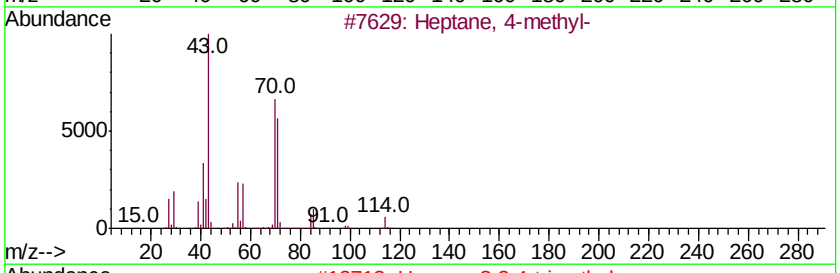
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

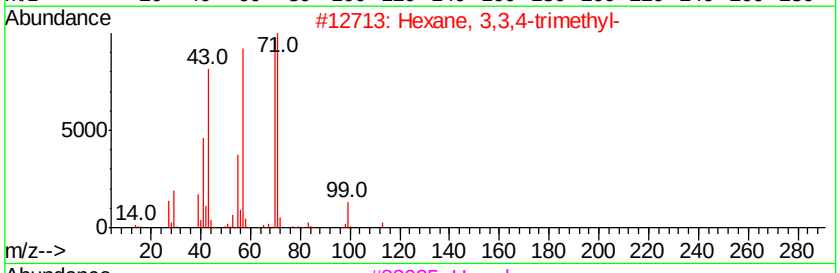
****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

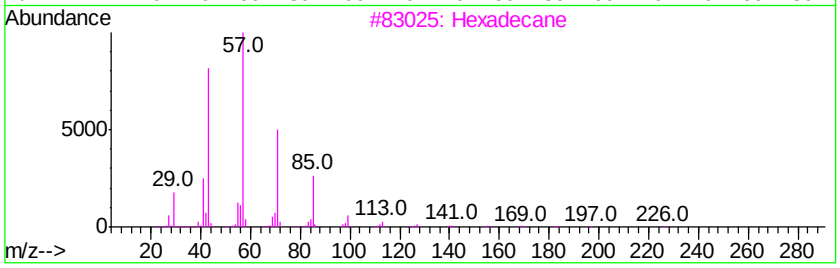
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	2.62 ug/L	106487	1,4-Difluorobenzene	8.84

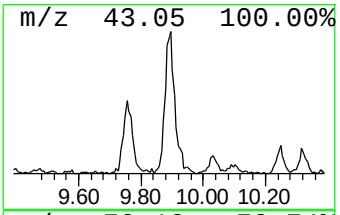
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-methyl-	114	C8H18	000589-53-7	59
2	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	59
3	Hexadecane	226	C16H34	000544-76-3	53
4	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	53
5	Heneicosane	296	C21H44	000629-94-7	53

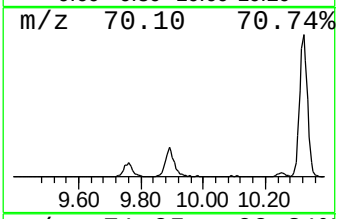


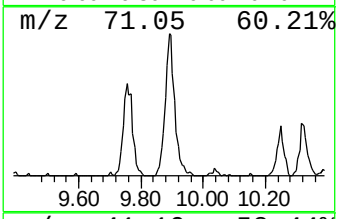


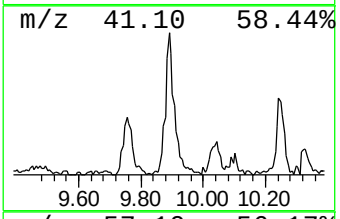


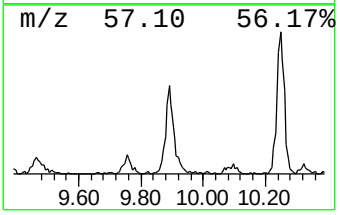












Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031619\
Data File : VW009214.D
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Operator : SY/VA
Sample : VIBLK71
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Instrument : MSVOA_W
ClientSampleId : VIBLK71

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.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...	9.89	2.6	ug/L	106487	1	8.84	1015780	25.0