LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
Data File : VW009376.D
Acq On : 23 Mar 2019 06:11
Operator : SY/VA
Sample : K2031-20
Misc : 6.24G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5T0

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	2.355	69	74	88	rBV	53185	137070	12.59%	1.934%
2	3.849	316	319	321	rBV2	1981	2396	0.22%	0.034%
3	4.013	337	346	357	rBV	90830	313402	28.78%	4.421%
4	4.348	399	401	402	rBV2	2391	2340	0.21%	0.033%
5	4.537	430	432	435	rBV2	1626	1632	0.15%	0.023%
6	4.580	437	439	442	rVB	2385	2585	0.24%	0.036%
7	4.604	442	443	444	rBV	2303	1131	0.10%	0.016%
8	4.623	444	446	448	rBV2	793	909	0.08%	0.013%
9	4.787	472	473	476	rBV2	1841	1477	0.14%	0.021%
10	4.903	483	492	494	rBV2	21893	44143	4.05%	0.623%
11	5.117	525	527	529	rBV	1571	1831	0.17%	0.026%
12	5.178	535	537	540	rBV2	1298	1366	0.13%	0.019%
13	5.257	549	550	553	rBV	1877	1750	0.16%	0.025%
14	5.391	570	572	575	rBV	1856	1891	0.17%	0.027%
15	5.495	587	589	592	rBV2	1469	1314	0.12%	0.019%
16	5.586	602	604	606	rVB	2291	2070	0.19%	0.029%
17	5.659	612	616	618	rBV	1426	1914	0.18%	0.027%
18	5.757	630	632	636	rVV2	1216	1551	0.14%	0.022%
19	5.806	639	640	642	rBV	1347	873	0.08%	0.012%
20	5.885	650	653	654	rBV2	2012	2653	0.24%	0.037%
21	5.934	654	661	668	rVB4	9708	27949	2.57%	0.394%
22	6.092	685	687	689	rBV2	1466	1296	0.12%	0.018%
23	6.202	702	705	706	rBV2	1239	1342	0.12%	0.019%
24	6.299	720	721	722	rBV	2301	1261	0.12%	0.018%
25	6.440	740	744	746	rBV2	1879	2264	0.21%	0.032%
26	6.470	747	749	751	rVV	1787	1279	0.12%	0.018%
27	6.513	754	756	758	rVV	2100	1565	0.14%	0.022%
28	6.543	759	761	763	rVB	1889	1291	0.12%	0.018%
29	6.568	763	765	766	rBV	1146	908	0.08%	0.013%
30	6.586	766	768	772	rBV	1757	1946	0.18%	0.027%
31	6.647	777	778	781	rBV	1926	2124	0.20%	0.030%
32	6.903	818	820	821	rVB	2043	1064	0.10%	0.015%
33	7.080	841	849	859	rBV2	46370	148019	13.59%	2.088%
34	7.403	901	902	903	rBV	1519	958	0.09%	0.014%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
Data File : VW009376.D
Acq On : 23 Mar 2019 06:11
Operator : SY/VA
Sample : K2031-20
Misc : 6.24G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5T0

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	7.647	933	942	955	rVB	213948	518594	47.62%	7.316%
36	7.830	967	972	975	rVB	2183	3602	0.33%	0.051%
37	7.860	975	977	979	rBV2	1614	1309	0.12%	0.018%
38	7.994	997	999	1000	rBV	2106	1514	0.14%	0.021%
39	8.153	1020	1025	1026	rBV2	2123	3568	0.33%	0.050%
40	8.275	1035	1045	1060	rBV2	340114	1088925	100.00%	15.361%
41	8.470	1075	1077	1082	rVB	1852	2677	0.25%	0.038%
42	8.512	1082	1084	1086	rBV	2090	1710	0.16%	0.024%
43	8.537	1086	1088	1092	rVB	2197	2541	0.23%	0.036%
44	8.573	1092	1094	1097	rBV2	1942	1915	0.18%	0.027%
45	8.665	1107	1109	1110	rBV	2513	2239	0.21%	0.032%
46	8.689	1110	1113	1117	rVV5	4116	6458	0.59%	0.091%
47	8.842	1130	1138	1147	rBV	376554	732634	67.28%	10.335%
48	9.171	1191	1192	1196	rVB	2964	2957	0.27%	0.042%
49	9.213	1196	1199	1200	rBV2	1569	1865	0.17%	0.026%
50	9.274	1201	1209	1218	rVB	260916	543790	49.94%	7.671%
51	9.457	1236	1239	1243	rBV3	1908	3153	0.29%	0.044%
52	9.506	1245	1247	1249	rBV2	2624	2228	0.20%	0.031%
53	9.549	1252	1254	1255	rBV	1892	1264	0.12%	0.018%
54	9.567	1255	1257	1260	rVB	2604	2396	0.22%	0.034%
55	9.591	1260	1261	1262	rBV	2249	1389	0.13%	0.020%
56	9.689	1275	1277	1278	rBV	1510	1157	0.11%	0.016%
57	9.744	1284	1286	1287	rBV	1941	1249	0.11%	0.018%
58	9.817	1296	1298	1299	rBV	2124	1376	0.13%	0.019%
59	9.890	1302	1310	1314	rBV3	7022	15585	1.43%	0.220%
60	10.030	1326	1333	1342	rBV	110905	207823	19.09%	2.932%
61	10.164	1353	1355	1356	rVB	1776	1180	0.11%	0.017%
62	10.244	1367	1368	1372	rVB4	3584	3482	0.32%	0.049%
63	10.323	1374	1381	1388	rBV	390359	683356	62.76%	9.640%
64	10.579	1417	1423	1431	rVB	79147	133676	12.28%	1.886%
65	10.927	1474	1480	1493	rBV2	162346	317408	29.15%	4.478%
66	11.536	1577	1580	1581	rBV2	3657	4270	0.39%	0.060%
67	11.628	1589	1595	1602	rBV	431285	739475	67.91%	10.432%
68	11.829	1626	1628	1629	rBV	2663	2108	0.19%	0.030%
69	12.140	1677	1679	1680	rBV2	2175	1820	0.17%	0.026%
70	12.353	1712	1714	1715	rVB	1894	858	0.08%	0.012%
71	12.469	1727	1733	1739	rBV2	40332	71580	6.57%	1.010%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
Data File : VW009376.D
Acq On : 23 Mar 2019 06:11
Operator : SY/VA
Sample : K2031-20
Misc : 6.24G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5T0

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	12.615	1753	1757	1761	rVB3	12408	19687	1.81%	0.278%
73	12.695	1761	1770	1779	rBV	218333	380099	34.91%	5.362%
74	12.798	1785	1787	1789	rBV	2374	1896	0.17%	0.027%
75	12.877	1795	1800	1802	rBV3	2483	4469	0.41%	0.063%
76	12.938	1808	1810	1813	rBV2	2154	1513	0.14%	0.021%
77	13.133	1841	1842	1844	rBV	1341	1026	0.09%	0.014%
78	13.158	1844	1846	1848	rBV	2684	2402	0.22%	0.034%
79	13.249	1859	1861	1865	rBV	1550	1604	0.15%	0.023%
80	13.353	1876	1878	1879	rVB2	2367	1327	0.12%	0.019%
81	13.377	1879	1882	1883	rBV2	3158	3264	0.30%	0.046%
82	13.469	1894	1897	1898	rBV2	7002	6288	0.58%	0.089%
83	13.560	1906	1912	1919	rBV	261947	413212	37.95%	5.829%
84	13.719	1937	1938	1940	rVB	1921	1182	0.11%	0.017%
85	13.853	1954	1960	1966	rBV	221916	376970	34.62%	5.318%
86	14.078	1992	1997	2002	rVB2	6564	11909	1.09%	0.168%
87	14.158	2007	2010	2012	rBV2	2000	2354	0.22%	0.033%
88	14.237	2020	2023	2028	rBV2	2098	4168	0.38%	0.059%
89	14.322	2035	2037	2038	rBV2	2231	2238	0.21%	0.032%
90	14.426	2053	2054	2056	rVB	1658	958	0.09%	0.014%
91	14.475	2058	2062	2064	rBV	1581	2450	0.22%	0.035%
92	14.578	2078	2079	2082	rBV	1781	1411	0.13%	0.020%
93	14.798	2112	2115	2118	rBV3	2010	3025	0.28%	0.043%
94	14.956	2139	2141	2142	rBV2	1927	1050	0.10%	0.015%
95	15.060	2155	2158	2160	rBV2	2905	3105	0.29%	0.044%
96	15.249	2188	2189	2192	rBV	2484	2355	0.22%	0.033%
97	15.365	2205	2208	2210	rBV	2374	3081	0.28%	0.043%
98	16.194	2341	2344	2345	rBV	1974	1793	0.16%	0.025%
99	16.212	2345	2347	2351	rVV	1823	1665	0.15%	0.023%
100	16.602	2409	2411	2412	rBV	1965	1533	0.14%	0.022%

Sum of corrected areas: 7088729

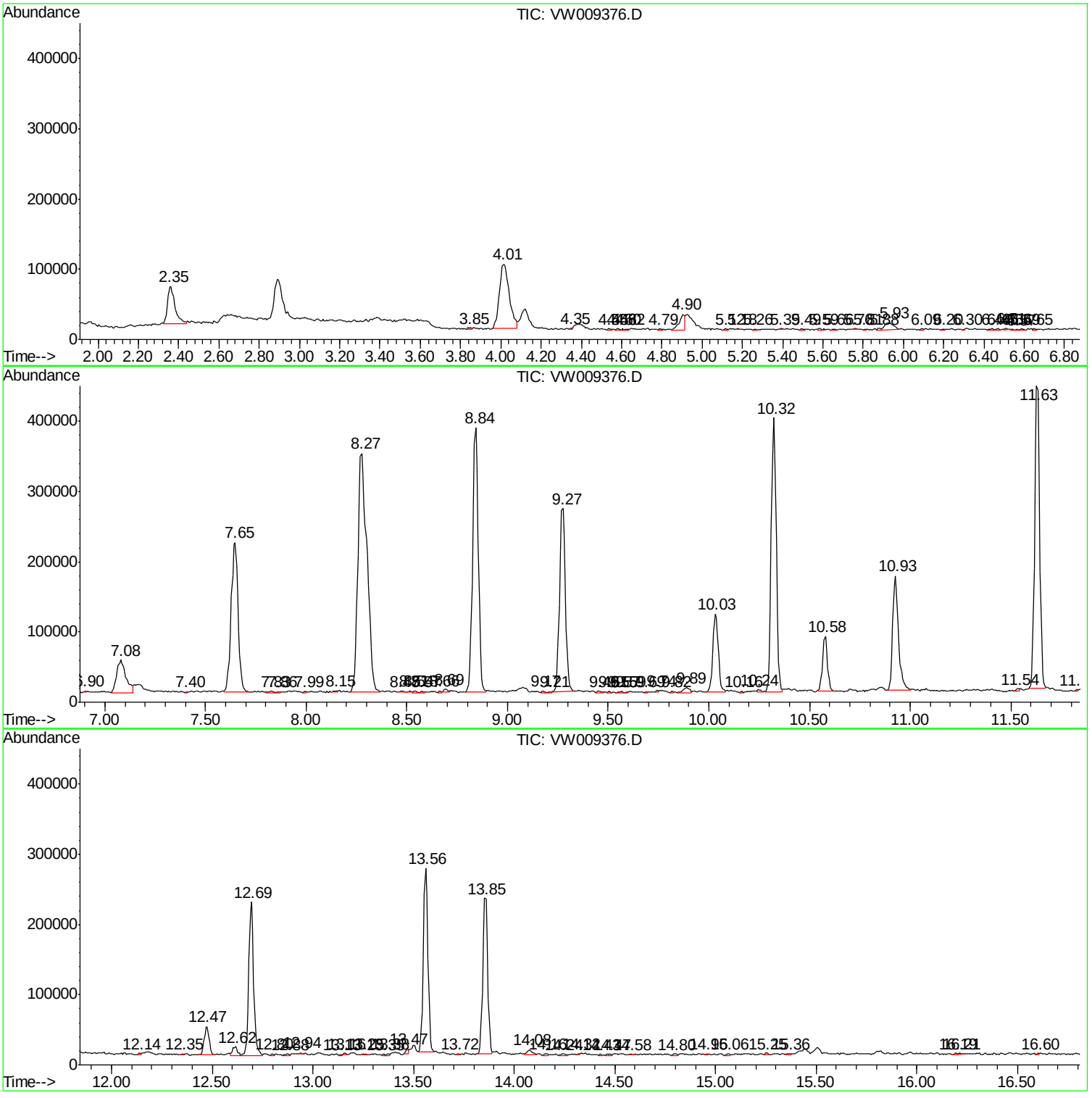
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032219\
Data File : VW009376.D
Acq On : 23 Mar 2019 06:11
Operator : SY/VA
Sample : K2031-20
Misc : 6.24G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5T0

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\VW032219\
Data File : VW009376.D
Acq On : 23 Mar 2019 06:11
Operator : SY/VA
Sample : K2031-20
Misc : 6.24G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5T0

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

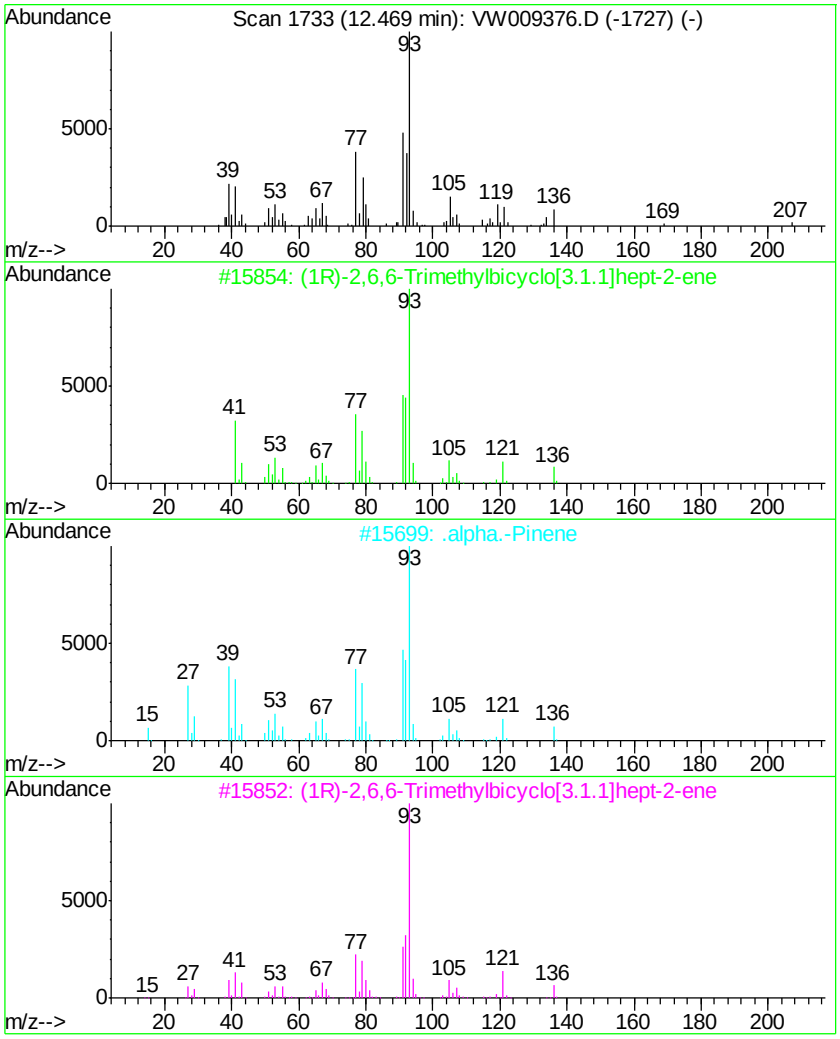
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

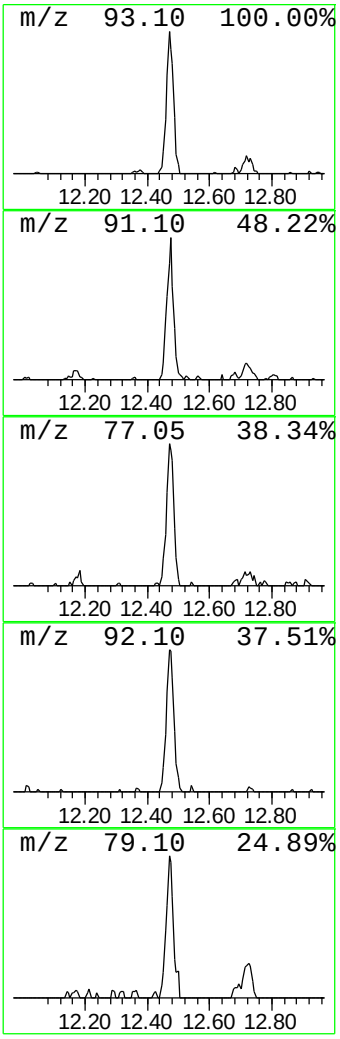
****

Peak Number 2 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	2.42 ug/L	71580	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	97
2	.alpha.-Pinene	136	C10H16	000080-56-8	90
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	90
4	.alpha.-Pinene	136	C10H16	000080-56-8	87
5	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032219\
Data File : VW009376.D
Acq On : 23 Mar 2019 06:11
Operator : SY/VA
Sample : K2031-20
Misc : 6.24G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5T0

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
(1R)-2,6,6-Trimet...	12.47	2.4	ug/L	71580	2	11.63	739475	25.0