LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121119\
Data File : VV014014.D
Acq On : 11 Dec 2019 15:51
Operator : SY/MD
Sample : K6200-13
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFF43

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_V\METHOD\SOMVLM120219WMA.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	1.319	65	71	83	rVB	306533	296658	13.42%	1.713%
2	1.556	141	145	161	rVB	294464	328538	14.86%	1.897%
3	2.119	312	320	333	rVB	574716	783336	35.44%	4.524%
4	2.933	571	573	578	rBV6	1704	1394	0.06%	0.008%
5	2.962	578	582	587	rBV7	1352	1655	0.07%	0.010%
6	3.036	602	605	606	rBV3	1603	875	0.04%	0.005%
7	3.103	623	626	630	rBV3	1301	773	0.03%	0.004%
8	3.200	654	656	660	rVB2	1204	641	0.03%	0.004%
9	3.245	667	670	674	rVB4	1014	859	0.04%	0.005%
10	3.273	677	679	681	rBV2	1167	727	0.03%	0.004%
11	3.389	712	715	719	rBV4	1620	1526	0.07%	0.009%
12	3.482	743	744	748	rVB5	1152	532	0.02%	0.003%
13	3.518	751	755	758	rBV4	1137	768	0.03%	0.004%
14	3.531	758	759	764	rVB3	1285	869	0.04%	0.005%
15	3.579	771	774	776	rVB4	1060	493	0.02%	0.003%
16	3.601	776	781	782	rBV4	974	833	0.04%	0.005%
17	3.618	782	786	787	rBV3	1249	820	0.04%	0.005%
18	3.733	818	822	824	rBV5	1132	667	0.03%	0.004%
19	3.801	840	843	844	rBV3	953	610	0.03%	0.004%
20	3.865	862	863	865	rVB2	1490	507	0.02%	0.003%
21	3.923	871	881	917	rBV	140277	400361	18.11%	2.312%
22	4.219	971	973	975	rVB2	1662	702	0.03%	0.004%
23	4.286	992	994	996	rBV3	1334	840	0.04%	0.005%
24	4.315	1001	1003	1006	rVB3	1392	724	0.03%	0.004%
25	4.392	1006	1027	1052	rBV	327744	828208	37.47%	4.783%
26	4.547	1071	1075	1080	rBV7	1659	1647	0.07%	0.010%
27	4.595	1087	1090	1091	rBV3	993	526	0.02%	0.003%
28	4.621	1096	1098	1100	rBV3	1131	773	0.03%	0.004%
29	4.672	1109	1114	1115	rBV4	1485	1205	0.05%	0.007%
30	4.717	1125	1128	1129	rBV3	1297	617	0.03%	0.004%
31	4.894	1181	1183	1186	rVB4	1159	720	0.03%	0.004%
32	4.939	1194	1197	1202	rVB6	1383	1309	0.06%	0.008%
33	4.965	1202	1205	1207	rBV2	1153	722	0.03%	0.004%
34	5.007	1215	1218	1220	rBV4	598	500	0.02%	0.003%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121119\
Data File : VV014014.D
Acq On : 11 Dec 2019 15:51
Operator : SY/MD
Sample : K6200-13
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFF43

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_V\METHOD\SOMVLM120219WMA.M
Title : VOC Analysis

35	5.087	1226	1243	1268	rVV2	816490	2035024	92.07%	11.752%
36	5.379	1331	1334	1336	rBV5	1442	837	0.04%	0.005%
37	5.515	1370	1376	1378	rVB8	1115	1169	0.05%	0.007%
38	5.601	1398	1403	1405	rBV6	1581	1418	0.06%	0.008%
39	5.656	1407	1420	1445	rVV	893497	1760927	79.67%	10.169%
40	5.942	1500	1509	1525	rVB2	50749	99870	4.52%	0.577%
41	6.113	1544	1562	1583	rBV	465156	932809	42.20%	5.387%
42	6.354	1634	1637	1639	rBV4	1478	815	0.04%	0.005%
43	6.399	1648	1651	1657	rBV7	1428	1342	0.06%	0.008%
44	6.424	1657	1659	1664	rBV4	1616	1072	0.05%	0.006%
45	6.457	1667	1669	1673	rBV4	840	596	0.03%	0.003%
46	6.514	1685	1687	1691	rVB4	1738	1058	0.05%	0.006%
47	6.543	1694	1696	1697	rBV	1335	541	0.02%	0.003%
48	6.653	1722	1730	1735	rBV6	3790	6407	0.29%	0.037%
49	6.865	1794	1796	1798	rVB3	1097	506	0.02%	0.003%
50	6.958	1822	1825	1829	rVB3	2013	1587	0.07%	0.009%
51	7.026	1829	1846	1865	rBV	224919	412875	18.68%	2.384%
52	7.180	1890	1894	1897	rBV6	2551	2351	0.11%	0.014%
53	7.277	1918	1924	1931	rBV10	2703	4502	0.20%	0.026%
54	7.354	1936	1948	1969	rBV	952813	1608648	72.78%	9.290%
55	7.585	2018	2020	2024	rVB4	1988	1180	0.05%	0.007%
56	7.659	2031	2043	2062	rBV2	168476	288065	13.03%	1.664%
57	7.887	2110	2114	2119	rBV8	1080	941	0.04%	0.005%
58	8.129	2178	2189	2221	rBV2	419872	965708	43.69%	5.577%
59	8.752	2381	2383	2386	rVB3	987	612	0.03%	0.004%
60	8.775	2386	2390	2392	rBV4	1897	1444	0.07%	0.008%
61	8.891	2413	2426	2448	rBV	1373384	2210268	100.00%	12.764%
62	9.305	2552	2555	2557	rBV4	1162	689	0.03%	0.004%
63	9.440	2595	2597	2598	rBV2	1132	500	0.02%	0.003%
64	9.521	2619	2622	2625	rBV2	2001	1123	0.05%	0.006%
65	9.743	2689	2691	2692	rBV2	1033	583	0.03%	0.003%
66	9.804	2708	2710	2713	rBV3	1393	965	0.04%	0.006%
67	9.868	2727	2730	2732	rBV4	1241	584	0.03%	0.003%
68	9.878	2732	2733	2735	rBV2	870	480	0.02%	0.003%
69	9.945	2748	2754	2755	rBV5	1485	1372	0.06%	0.008%
70	9.977	2762	2764	2767	rVB4	1347	658	0.03%	0.004%
71	10.003	2770	2772	2775	rVV3	1215	604	0.03%	0.003%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121119\
Data File : VV014014.D
Acq On : 11 Dec 2019 15:51
Operator : SY/MD
Sample : K6200-13
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFF43

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_V\METHOD\SOMVLM120219WMA.M
Title : VOC Analysis

72	10.032	2779	2781	2784	rVB3	933	496	0.02%	0.003%
73	10.051	2784	2787	2789	rBV3	1469	905	0.04%	0.005%
74	10.109	2802	2805	2807	rVV3	1086	668	0.03%	0.004%
75	10.257	2838	2851	2868	rBV	605920	967786	43.79%	5.589%
76	10.360	2880	2883	2887	rBV6	1217	1072	0.05%	0.006%
77	10.511	2927	2930	2933	rVV4	1401	820	0.04%	0.005%
78	10.527	2933	2935	2937	rVB3	1477	554	0.03%	0.003%
79	10.685	2980	2984	2987	rVB4	1325	897	0.04%	0.005%
80	10.736	2996	3000	3006	rBV8	1525	1813	0.08%	0.010%
81	10.765	3006	3009	3011	rBV3	1081	693	0.03%	0.004%
82	10.810	3018	3023	3027	rBV8	1642	1799	0.08%	0.010%
83	10.829	3027	3029	3032	rBV3	1048	845	0.04%	0.005%
84	11.122	3118	3120	3122	rBV3	1052	566	0.03%	0.003%
85	11.289	3160	3172	3192	rBV	1205781	1847893	83.60%	10.671%
86	11.665	3278	3289	3306	rBV	921544	1461756	66.13%	8.442%
87	12.064	3410	3413	3414	rBV3	1852	855	0.04%	0.005%
88	12.196	3452	3454	3458	rBV4	1247	855	0.04%	0.005%
89	12.251	3468	3471	3473	rBV4	1670	1347	0.06%	0.008%
90	12.553	3563	3565	3568	rBV3	1723	1090	0.05%	0.006%
91	12.852	3656	3658	3662	rBV5	1871	1052	0.05%	0.006%
92	12.887	3667	3669	3672	rBV5	1790	1011	0.05%	0.006%
93	12.997	3701	3703	3706	rVB2	1675	793	0.04%	0.005%
94	13.016	3706	3709	3710	rBV3	1739	948	0.04%	0.005%
95	13.077	3727	3728	3730	rBV3	1198	516	0.02%	0.003%
96	13.234	3775	3777	3778	rBV2	1459	567	0.03%	0.003%
97	13.472	3848	3851	3853	rBV3	1792	1109	0.05%	0.006%
98	14.260	4092	4096	4100	rBV6	1905	1657	0.07%	0.010%
99	14.376	4129	4132	4134	rBV3	2493	1805	0.08%	0.010%
100	14.601	4199	4202	4207	rBV7	2112	1999	0.09%	0.012%

Sum of corrected areas: 17316232

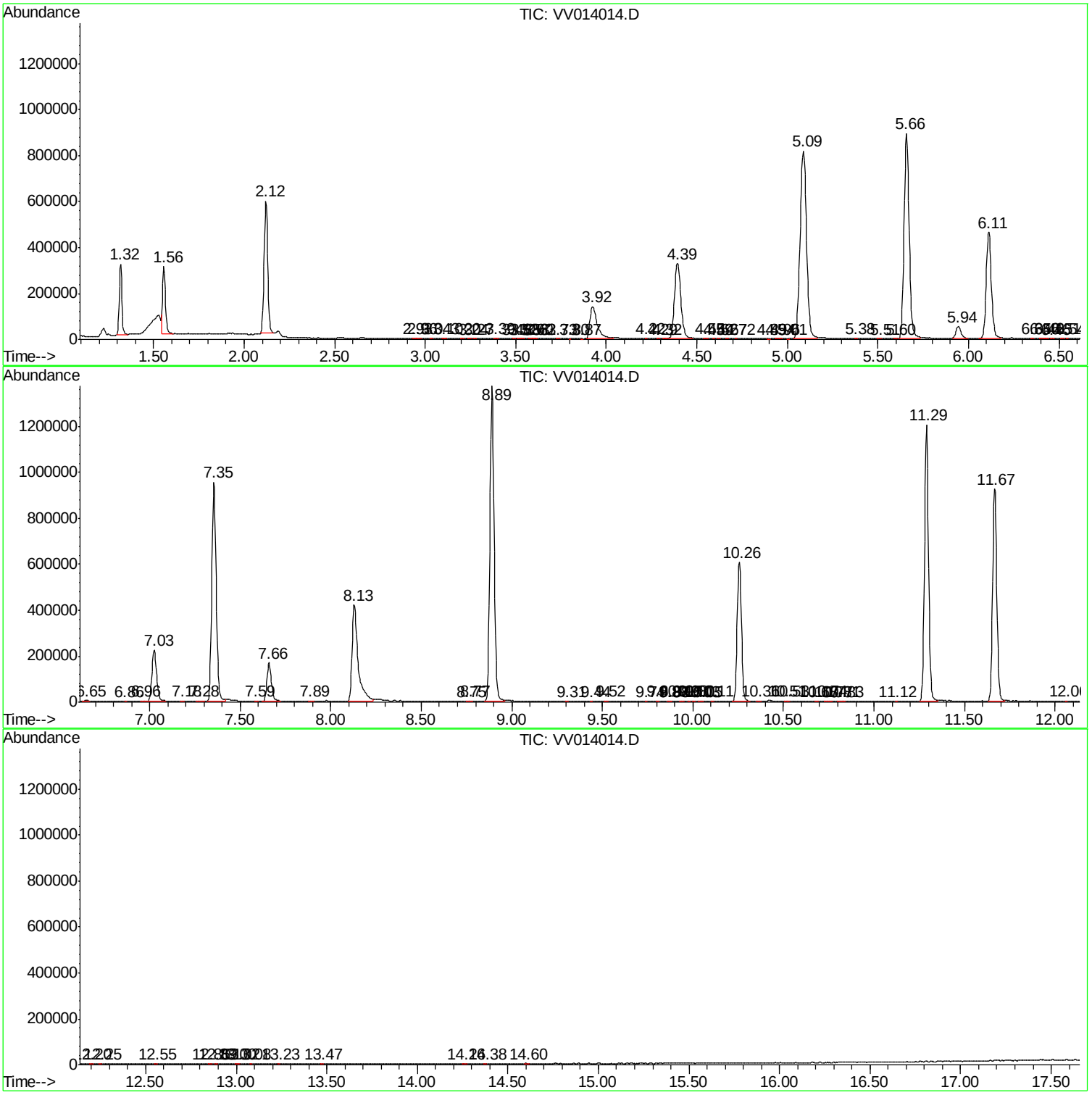
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121119\
Data File : VV014014.D
Acq On : 11 Dec 2019 15:51
Operator : SY/MD
Sample : K6200-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFF43

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.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_V\DATA\VV121119\
Data File : VV014014.D
Acq On : 11 Dec 2019 15:51
Operator : SY/MD
Sample : K6200-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFF43

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

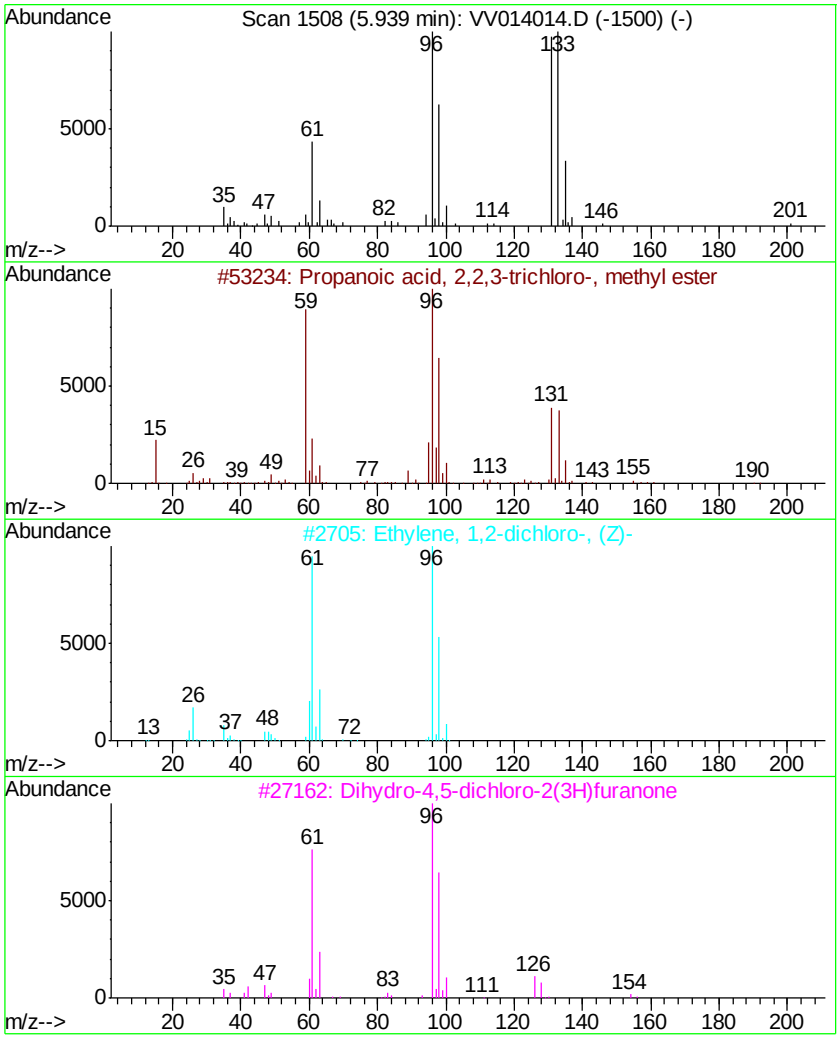
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

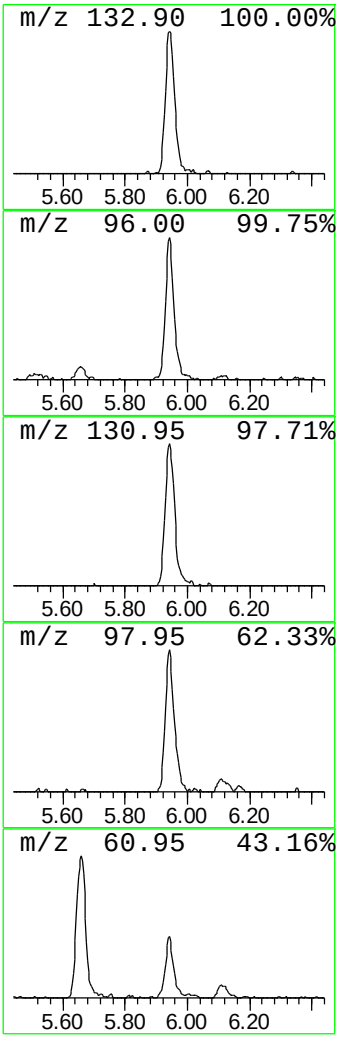
****

Peak Number 1 Propanoic acid, 2,2,3-trich... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	2.84 ug/L	99870	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	56
2	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
3	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	25
5	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121119\
Data File : VV014014.D
Acq On : 11 Dec 2019 15:51
Operator : SY/MD
Sample : K6200-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFF43

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.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
Propanoic acid, 2...	5.94	2.8	ug/L	99870	1	5.66	1760930	50.0