LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092019\
Data File : VU034687.D
Acq On : 20 Sep 2019 14:34
Operator : JC/SP
Sample : K4982-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK01

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_U\METHOD\SOMULM091919WMA.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	1.392	87	94	105	rBV	340723	361664	15.55%	2.018%
2	1.672	173	181	197	rVB	268483	344486	14.81%	1.922%
3	2.257	354	363	383	rVB	498844	780337	33.55%	4.355%
4	2.531	447	448	452	rVB3	2506	1290	0.06%	0.007%
5	2.553	453	455	458	rBV4	1038	814	0.03%	0.005%
6	2.595	466	468	471	rBV3	1523	932	0.04%	0.005%
7	2.685	487	496	500	rBV10	4033	5919	0.25%	0.033%
8	2.817	527	537	551	rVB3	25605	54811	2.36%	0.306%
9	2.942	573	576	579	rVB4	1399	842	0.04%	0.005%
10	3.167	642	646	648	rBV3	1796	1220	0.05%	0.007%
11	3.177	648	649	655	rVV3	1321	974	0.04%	0.005%
12	3.254	669	673	674	rBV3	1534	843	0.04%	0.005%
13	3.318	688	693	695	rVB5	1359	1013	0.04%	0.006%
14	3.338	695	699	702	rBV5	1446	1229	0.05%	0.007%
15	3.392	713	716	719	rBV4	1167	765	0.03%	0.004%
16	3.466	737	739	744	rVB3	1689	1091	0.05%	0.006%
17	3.695	806	810	812	rVB5	1199	800	0.03%	0.004%
18	3.756	824	829	833	rBV7	1374	1407	0.06%	0.008%
19	3.965	892	894	898	rBV4	1258	962	0.04%	0.005%
20	4.010	905	908	911	rVB4	1405	1017	0.04%	0.006%
21	4.029	911	914	917	rBV4	1584	965	0.04%	0.005%
22	4.106	934	938	940	rBV5	1284	954	0.04%	0.005%
23	4.151	940	952	977	rBV2	229495	649174	27.91%	3.623%
24	4.424	1034	1037	1043	rVB7	1632	1524	0.07%	0.009%
25	4.463	1047	1049	1052	rBV4	1403	819	0.04%	0.005%
26	4.559	1074	1079	1080	rBV4	2062	1754	0.08%	0.010%
27	4.620	1083	1098	1123	rVV	371085	894334	38.45%	4.991%
28	4.784	1147	1149	1153	rVB4	2299	1606	0.07%	0.009%
29	4.807	1153	1156	1159	rBV5	1652	1461	0.06%	0.008%
30	4.984	1209	1211	1216	rVB5	2405	2161	0.09%	0.012%
31	5.019	1218	1222	1224	rBV4	1075	937	0.04%	0.005%
32	5.064	1234	1236	1239	rVB2	1616	767	0.03%	0.004%
33	5.315	1290	1314	1337	rBV2	779261	2325869	100.00%	12.980%
34	5.730	1438	1443	1445	rBV6	1157	1054	0.05%	0.006%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092019\
Data File : VU034687.D
Acq On : 20 Sep 2019 14:34
Operator : JC/SP
Sample : K4982-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK01

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_U\METHOD\SOMULM091919WMA.M
Title : VOC Analysis

35	5.865	1470	1485	1505	rBV	661389	1381141	59.38%	7.708%
36	6.309	1609	1623	1641	rBV	545265	1097886	47.20%	6.127%
37	6.611	1715	1717	1721	rVB4	1722	1031	0.04%	0.006%
38	6.968	1825	1828	1831	rBV4	1515	1258	0.05%	0.007%
39	7.061	1855	1857	1863	rVB6	1112	1021	0.04%	0.006%
40	7.141	1879	1882	1885	rBV3	1142	846	0.04%	0.005%
41	7.206	1890	1902	1923	rBV	319465	595528	25.60%	3.323%
42	7.543	1993	2007	2030	rBV	1035107	1833446	78.83%	10.232%
43	7.829	2086	2096	2114	rBV2	211497	387804	16.67%	2.164%
44	8.051	2161	2165	2168	rBV3	920	840	0.04%	0.005%
45	8.209	2208	2214	2222	rVB3	3563	5405	0.23%	0.030%
46	8.289	2226	2239	2284	rBV	716386	1407282	60.51%	7.854%
47	8.595	2331	2334	2335	rBV3	2430	1398	0.06%	0.008%
48	8.733	2375	2377	2382	rBV5	1613	1223	0.05%	0.007%
49	8.788	2390	2394	2397	rBV4	1812	1271	0.05%	0.007%
50	8.977	2451	2453	2455	rBV2	1451	806	0.03%	0.004%
51	9.025	2464	2468	2469	rBV4	2054	1231	0.05%	0.007%
52	9.067	2469	2481	2504	rBV	954336	1637265	70.39%	9.137%
53	9.270	2541	2544	2546	rBV5	1759	1372	0.06%	0.008%
54	9.357	2568	2571	2573	rBV3	1871	1316	0.06%	0.007%
55	9.453	2598	2601	2604	rBV4	1722	1321	0.06%	0.007%
56	9.582	2638	2641	2646	rVB4	909	1069	0.05%	0.006%
57	9.649	2658	2662	2664	rBV5	1554	1082	0.05%	0.006%
58	9.665	2664	2667	2669	rVB2	2137	1197	0.05%	0.007%
59	9.685	2669	2673	2675	rBV2	1454	876	0.04%	0.005%
60	9.720	2680	2684	2686	rBV3	1123	958	0.04%	0.005%
61	9.762	2694	2697	2703	rVB6	1649	1566	0.07%	0.009%
62	9.884	2732	2735	2736	rBV3	1484	869	0.04%	0.005%
63	9.971	2758	2762	2766	rBV6	1843	1425	0.06%	0.008%
64	10.032	2778	2781	2787	rBV7	1428	1392	0.06%	0.008%
65	10.064	2788	2791	2795	rBV3	1082	1099	0.05%	0.006%
66	10.109	2803	2805	2808	rBV3	1096	915	0.04%	0.005%
67	10.144	2813	2816	2817	rBV2	1965	1120	0.05%	0.006%
68	10.341	2873	2877	2880	rBV6	1193	911	0.04%	0.005%
69	10.408	2886	2898	2922	rBV	666188	1100567	47.32%	6.142%
70	10.559	2940	2945	2946	rBV3	1778	1240	0.05%	0.007%
71	10.582	2950	2952	2957	rVV6	1711	1527	0.07%	0.009%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092019\
Data File : VU034687.D
Acq On : 20 Sep 2019 14:34
Operator : JC/SP
Sample : K4982-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK01

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_U\METHOD\SOMULM091919WMA.M
Title : VOC Analysis

72	10.659	2972	2976	2978	rBV4	2040	1586	0.07%	0.009%
73	10.759	3002	3007	3011	rBV7	2075	2059	0.09%	0.011%
74	10.855	3035	3037	3042	rVB4	1501	923	0.04%	0.005%
75	10.948	3063	3066	3068	rVV4	1234	808	0.03%	0.005%
76	11.128	3110	3122	3124	rBV8	3687	4857	0.21%	0.027%
77	11.250	3157	3160	3163	rBV5	1140	786	0.03%	0.004%
78	11.318	3179	3181	3185	rVB4	1655	935	0.04%	0.005%
79	11.344	3185	3189	3190	rBV3	1551	882	0.04%	0.005%
80	11.398	3203	3206	3213	rVB8	3058	3019	0.13%	0.017%
81	11.459	3213	3225	3248	rBV	874690	1462096	62.86%	8.160%
82	11.697	3296	3299	3304	rVB5	1840	1188	0.05%	0.007%
83	11.836	3330	3342	3366	rBV	876310	1491358	64.12%	8.323%
84	12.173	3444	3447	3448	rBV2	1961	948	0.04%	0.005%
85	12.302	3485	3487	3490	rBV4	1479	1043	0.04%	0.006%
86	12.321	3490	3493	3496	rBV4	1397	1032	0.04%	0.006%
87	12.414	3520	3522	3526	rBV4	1619	1067	0.05%	0.006%
88	12.450	3529	3533	3536	rBV6	1868	1361	0.06%	0.008%
89	12.820	3645	3648	3650	rBV2	1102	791	0.03%	0.004%
90	12.881	3663	3667	3671	rVB7	1391	1166	0.05%	0.007%
91	12.964	3686	3693	3695	rBV8	2140	1767	0.08%	0.010%
92	13.061	3718	3723	3727	rBV6	3060	2837	0.12%	0.016%
93	13.279	3784	3791	3795	rBV8	2237	2803	0.12%	0.016%
94	13.418	3832	3834	3837	rBV4	1581	890	0.04%	0.005%
95	13.508	3860	3862	3865	rBV3	1826	867	0.04%	0.005%
96	13.620	3892	3897	3899	rBV5	1987	1818	0.08%	0.010%
97	13.996	4011	4014	4016	rBV4	1810	1190	0.05%	0.007%
98	14.093	4041	4044	4046	rBV3	1470	1143	0.05%	0.006%
99	14.315	4109	4113	4114	rBV3	1627	1124	0.05%	0.006%
100	14.852	4274	4280	4284	rBV8	1796	2158	0.09%	0.012%

Sum of corrected areas: 17918801

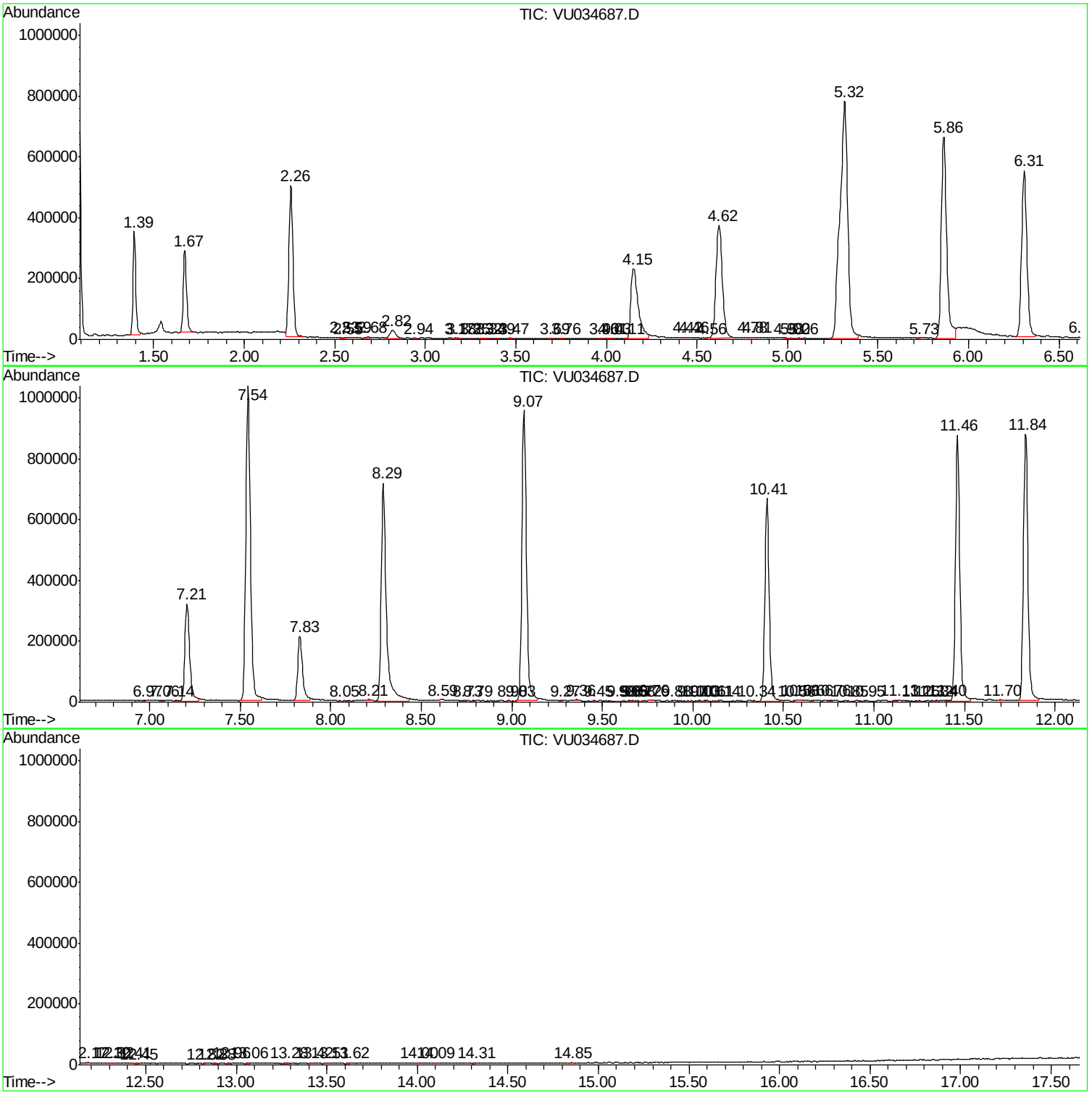
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092019\
Data File : VU034687.D
Acq On : 20 Sep 2019 14:34
Operator : JC/SP
Sample : K4982-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.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_U\DATA\VU092019\
Data File : VU034687.D
Acq On : 20 Sep 2019 14:34
Operator : JC/SP
Sample : K4982-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

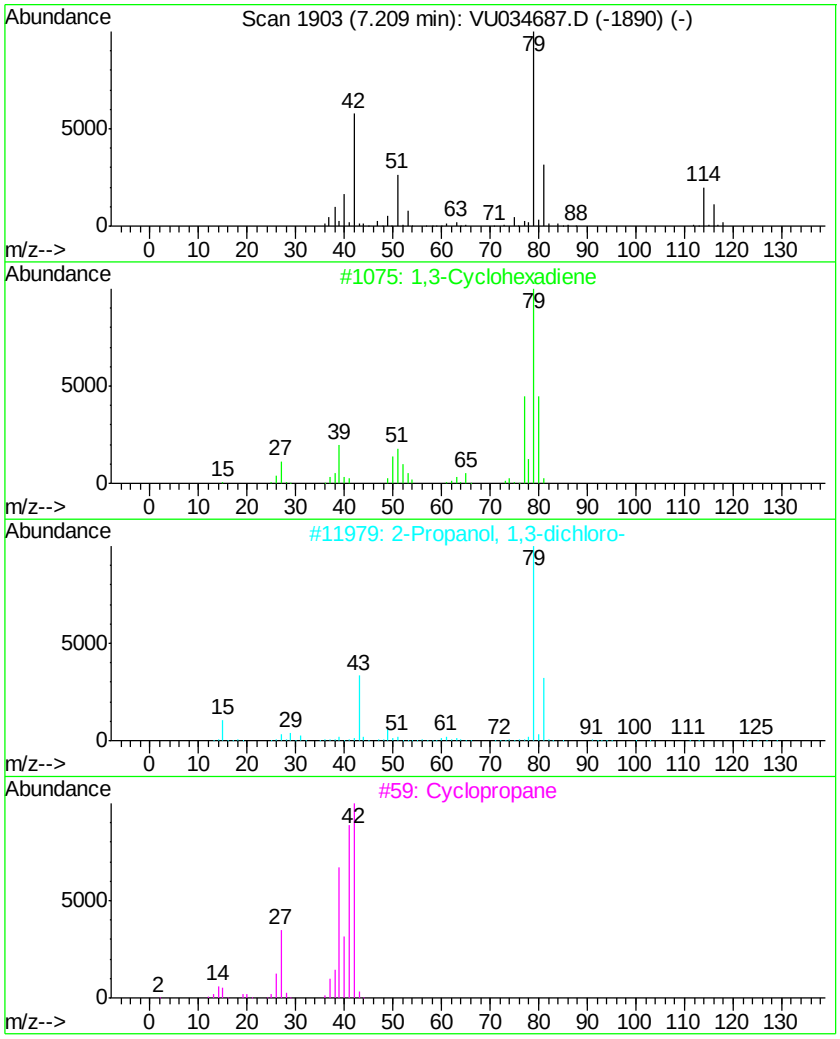
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

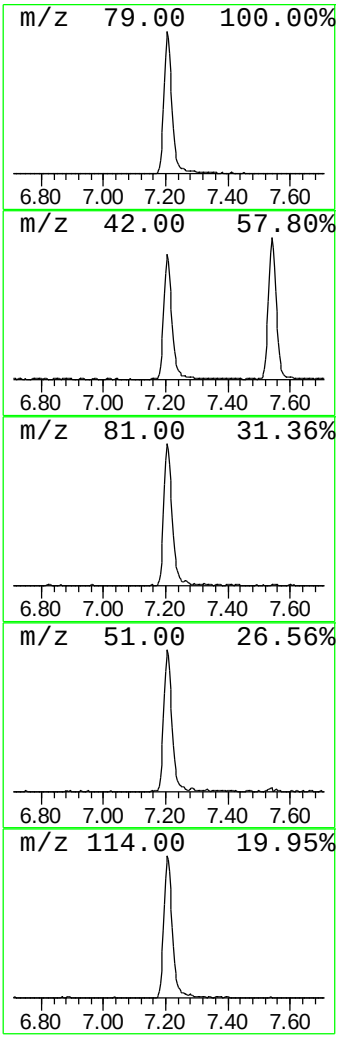
****

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	21.56 ug/L	595528	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclohexadiene	80	C6H8	000592-57-4	28
2	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	17
3	Cyclopropane	42	C3H6	000075-19-4	10
4	Thiophosgene	114	CCl2S	000463-71-8	9
5	1,4-Cyclohexadiene	80	C6H8	000628-41-1	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092019\
Data File : VU034687.D
Acq On : 20 Sep 2019 14:34
Operator : JC/SP
Sample : K4982-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.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
unknown-01	7.21	21.6	ug/L	595528	1	5.86	1381140	50.0