LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032519\
Data File : VU030410.D
Acq On : 25 Mar 2019 18:19
Operator : JC/SP
Sample : K2062-07DL 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1A2DL

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\SOMULM032319WMA.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	1.183	25	29	38	rVB	16706	16035	0.82%	0.103%
2	1.399	89	96	110	rVB	309566	314052	16.09%	2.010%
3	1.672	174	181	201	rVB	216584	283270	14.52%	1.813%
4	2.270	356	367	380	rBV	447193	685370	35.12%	4.386%
5	2.456	418	425	430	rVB2	5044	6946	0.36%	0.044%
6	2.659	484	488	492	rVB	2326	1783	0.09%	0.011%
7	2.685	492	496	498	rBV	2233	1817	0.09%	0.012%
8	2.929	567	572	576	rBV2	1099	1395	0.07%	0.009%
9	2.974	582	586	588	rBV	1385	1142	0.06%	0.007%
10	3.090	618	622	623	rBV	1468	971	0.05%	0.006%
11	3.170	643	647	649	rBV	2126	1707	0.09%	0.011%
12	3.264	671	676	679	rBV	2498	2237	0.11%	0.014%
13	3.363	704	707	710	rVB	1786	1104	0.06%	0.007%
14	3.382	710	713	716	rBV	1585	995	0.05%	0.006%
15	3.501	747	750	755	rBV	1882	1991	0.10%	0.013%
16	3.524	755	757	759	rVV	1800	1042	0.05%	0.007%
17	3.540	759	762	766	rVB	1853	1408	0.07%	0.009%
18	3.768	828	833	838	rVB	1524	1959	0.10%	0.013%
19	3.881	865	868	872	rVB	1612	1074	0.06%	0.007%
20	3.907	872	876	881	rBV	1024	1188	0.06%	0.008%
21	3.958	887	892	898	rBV	1192	1519	0.08%	0.010%
22	4.009	905	908	913	rVB	1172	995	0.05%	0.006%
23	4.035	913	916	917	rBV	1448	839	0.04%	0.005%
24	4.067	923	926	934	rVB	1871	1860	0.10%	0.012%
25	4.173	948	959	989	rBV	190596	518767	26.58%	3.320%
26	4.415	1031	1034	1040	rVB	2515	2065	0.11%	0.013%
27	4.643	1088	1105	1127	rBV	307663	728452	37.33%	4.662%
28	4.865	1172	1174	1177	rBV	1990	1346	0.07%	0.009%
29	4.929	1191	1194	1198	rBV	1146	906	0.05%	0.006%
30	5.173	1263	1270	1272	rBV	1525	1595	0.08%	0.010%
31	5.228	1283	1287	1297	rBV	1879	2736	0.14%	0.018%
32	5.337	1297	1321	1356	rBV2	656592	1951358	100.00%	12.487%
33	5.636	1411	1414	1415	rBV	1579	860	0.04%	0.006%
34	5.884	1477	1491	1517	rBV	578487	1179678	60.45%	7.549%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032519\
Data File : VU030410.D
Acq On : 25 Mar 2019 18:19
Operator : JC/SP
Sample : K2062-07DL 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1A2DL

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\SOMULM032319WMA.M
Title : VOC Analysis

35	6.183	1567	1584	1608	rBV	496208	973162	49.87%	6.228%
36	6.328	1616	1629	1654	rBV	426836	865622	44.36%	5.539%
37	6.508	1683	1685	1688	rVB	1789	978	0.05%	0.006%
38	6.569	1701	1704	1707	rBV2	1673	1227	0.06%	0.008%
39	6.633	1721	1724	1730	rVB	1659	1801	0.09%	0.012%
40	6.733	1752	1755	1758	rVV	1861	1480	0.08%	0.009%
41	6.816	1777	1781	1786	rBV2	1047	1436	0.07%	0.009%
42	6.913	1809	1811	1816	rVV2	1547	1369	0.07%	0.009%
43	7.103	1864	1870	1873	rBV	1388	1261	0.06%	0.008%
44	7.225	1896	1908	1930	rBV	241492	438837	22.49%	2.808%
45	7.440	1971	1975	1978	rBV2	1848	1465	0.08%	0.009%
46	7.456	1978	1980	1986	rVB	1234	831	0.04%	0.005%
47	7.514	1995	1998	1999	rBV	1458	855	0.04%	0.005%
48	7.562	2000	2013	2034	rVV	822982	1461513	74.90%	9.353%
49	7.845	2091	2101	2122	rBV	164322	295224	15.13%	1.889%
50	8.003	2146	2150	2157	rVB2	1521	1883	0.10%	0.012%
51	8.090	2172	2177	2180	rBV	1644	1476	0.08%	0.009%
52	8.125	2184	2188	2190	rBV	1651	1172	0.06%	0.007%
53	8.231	2219	2221	2225	rVB	1728	1054	0.05%	0.007%
54	8.308	2234	2245	2281	rBV	612388	1140223	58.43%	7.297%
55	8.537	2313	2316	2320	rVB	1407	949	0.05%	0.006%
56	8.575	2325	2328	2332	rBV2	1812	1141	0.06%	0.007%
57	8.640	2344	2348	2351	rBV	1543	1132	0.06%	0.007%
58	8.800	2395	2398	2404	rVB	1964	2283	0.12%	0.015%
59	8.829	2404	2407	2414	rBV	1725	1541	0.08%	0.010%
60	8.861	2414	2417	2421	rVB	3374	2388	0.12%	0.015%
61	8.890	2421	2426	2429	rBV2	2262	2399	0.12%	0.015%
62	8.951	2442	2445	2450	rBV	1913	2091	0.11%	0.013%
63	9.086	2474	2487	2511	rBV	828355	1435630	73.57%	9.187%
64	9.225	2527	2530	2532	rVB	1955	1251	0.06%	0.008%
65	9.263	2536	2542	2549	rVB	1857	2846	0.15%	0.018%
66	9.328	2560	2562	2568	rVB2	1102	1053	0.05%	0.007%
67	9.376	2573	2577	2580	rBV2	1218	1274	0.07%	0.008%
68	9.421	2588	2591	2597	rBV	1459	1375	0.07%	0.009%
69	9.537	2623	2627	2630	rVV	2192	1759	0.09%	0.011%
70	9.903	2737	2741	2743	rBV	1079	983	0.05%	0.006%
71	9.935	2748	2751	2753	rVV	1408	1053	0.05%	0.007%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032519\
Data File : VU030410.D
Acq On : 25 Mar 2019 18:19
Operator : JC/SP
Sample : K2062-07DL 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1A2DL

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\SOMULM032319WMA.M
Title : VOC Analysis

72	9.983	2761	2766	2769	rBV2	1360	1150	0.06%	0.007%
73	10.032	2778	2781	2784	rVB	1351	821	0.04%	0.005%
74	10.061	2784	2790	2794	rBV	1584	2116	0.11%	0.014%
75	10.167	2820	2823	2828	rVB	2088	1610	0.08%	0.010%
76	10.196	2828	2832	2834	rBV	1749	1344	0.07%	0.009%
77	10.257	2847	2851	2856	rBV	1829	2142	0.11%	0.014%
78	10.379	2886	2889	2891	rBV	1349	1022	0.05%	0.007%
79	10.427	2893	2904	2923	rVV	563375	904357	46.35%	5.787%
80	10.585	2950	2953	2959	rVB	1865	1870	0.10%	0.012%
81	10.649	2970	2973	2978	rVB	2233	1851	0.09%	0.012%
82	10.733	2996	2999	3003	rBV	1130	978	0.05%	0.006%
83	10.858	3034	3038	3041	rVB	1656	1340	0.07%	0.009%
84	10.887	3041	3047	3057	rVB	2406	4094	0.21%	0.026%
85	11.373	3195	3198	3201	rBV	1377	878	0.04%	0.006%
86	11.482	3220	3232	3250	rBV	688206	1147074	58.78%	7.340%
87	11.710	3300	3303	3307	rVB	2212	1335	0.07%	0.009%
88	11.752	3314	3316	3324	rVB	2389	2576	0.13%	0.016%
89	11.791	3324	3328	3331	rBV	2027	1900	0.10%	0.012%
90	11.858	3336	3349	3372	rBV	667605	1158303	59.36%	7.412%
91	12.131	3429	3434	3436	rBV	1843	1930	0.10%	0.012%
92	12.186	3448	3451	3453	rBV2	1685	1049	0.05%	0.007%
93	12.218	3458	3461	3464	rVB	1741	1199	0.06%	0.008%
94	12.270	3475	3477	3481	rVB	1464	918	0.05%	0.006%
95	12.424	3522	3525	3528	rBV	1464	994	0.05%	0.006%
96	12.553	3562	3565	3569	rBV2	1130	993	0.05%	0.006%
97	12.749	3621	3626	3629	rBV	2758	2612	0.13%	0.017%
98	12.974	3694	3696	3699	rBV	1563	1076	0.06%	0.007%
99	14.970	4313	4317	4321	rBV	2607	2860	0.15%	0.018%
100	15.655	4526	4530	4534	rBV2	2075	1827	0.09%	0.012%

Sum of corrected areas: 15626698

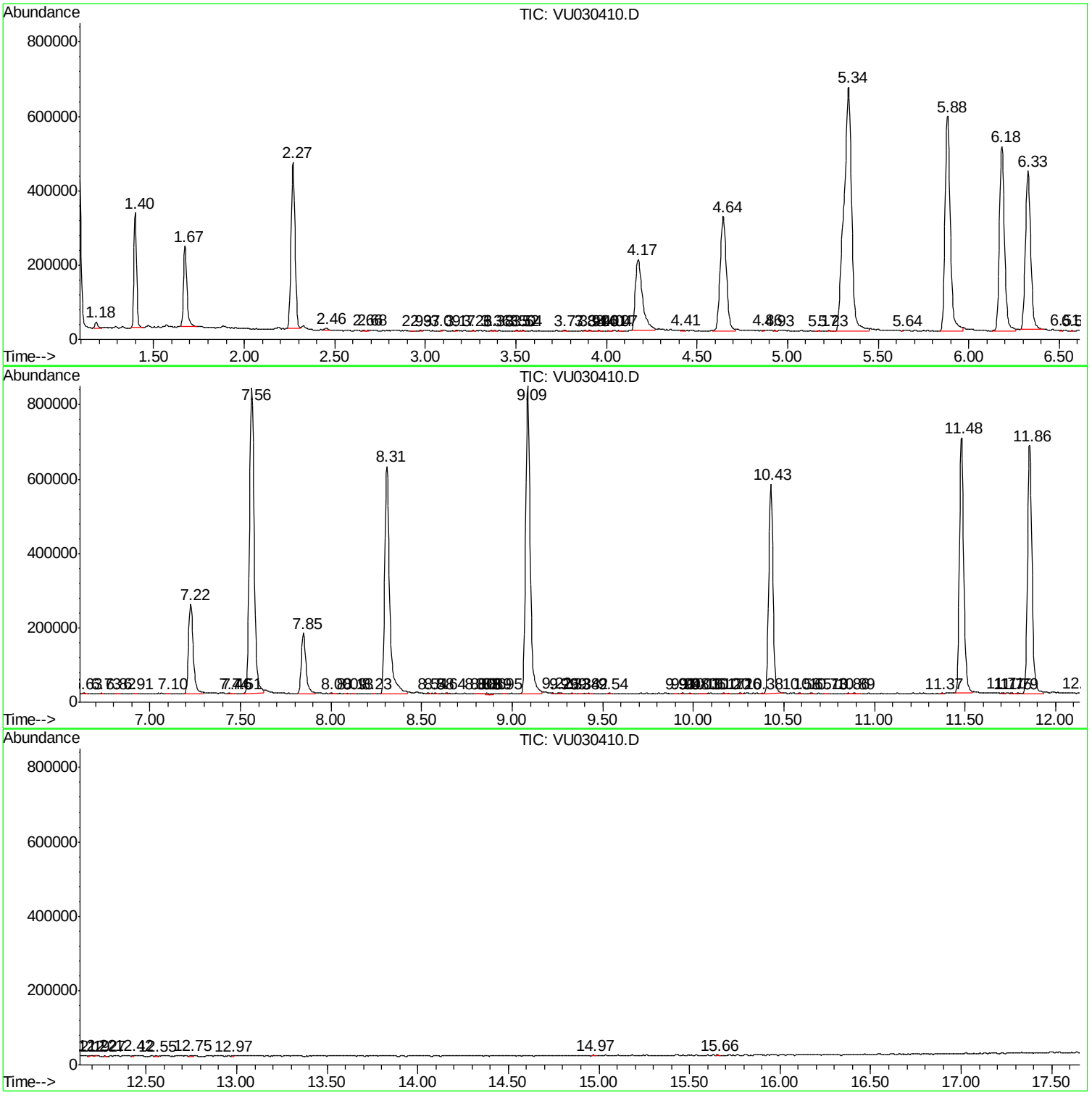
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032519\
Data File : VU030410.D
Acq On : 25 Mar 2019 18:19
Operator : JC/SP
Sample : K2062-07DL 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1A2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.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\VU032519\
Data File : VU030410.D
Acq On : 25 Mar 2019 18:19
Operator : JC/SP
Sample : K2062-07DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1A2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

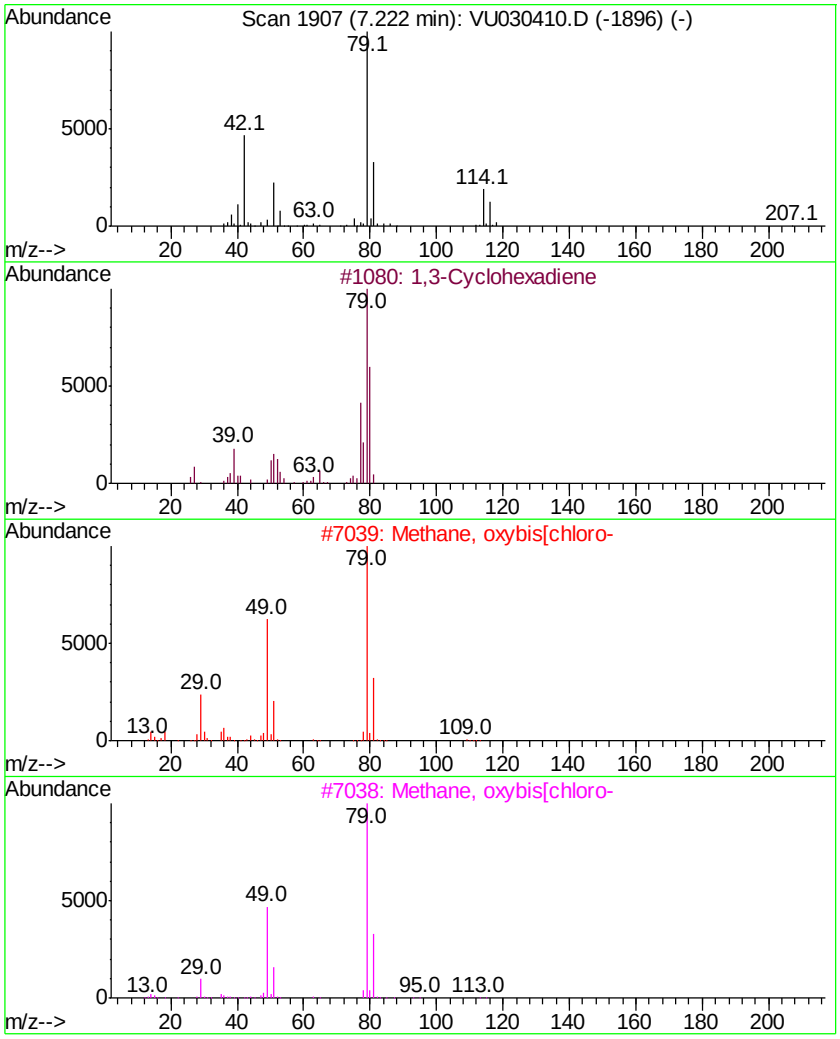
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

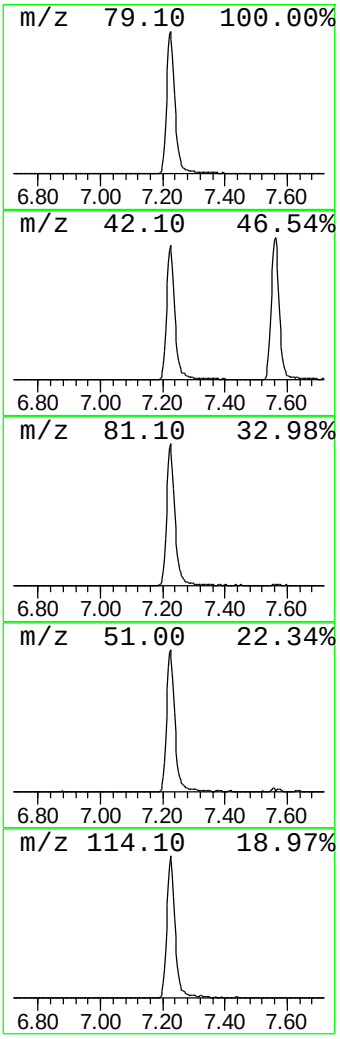
****

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	18.60 ug/L	438837	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclohexadiene	80	C6H8	000592-57-4	25
2	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	25
3	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	23
4	Thiophosgene	114	CCl2S	000463-71-8	16
5	3-Thiatricyclo[3.1.1.0(2,4)]heptane	112	C6H8S	1000221-37-0	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032519\
Data File : VU030410.D
Acq On : 25 Mar 2019 18:19
Operator : JC/SP
Sample : K2062-07DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1A2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.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	7.22	18.6	ug/L	438837	1	5.88	1179680	50.0