LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091319\
Data File : VV012763.D
Acq On : 14 Sep 2019 12:52
Operator : SY/MD
Sample : K4707-07
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
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_V\METHOD\SOMVLM091319WMA.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	64	71	83	rVB	298784	299292	10.88%	1.419%
2	1.579	144	152	169	rVB	270138	317141	11.53%	1.504%
3	2.129	313	323	335	rBV	531818	743798	27.05%	3.527%
4	2.540	441	451	460	rBV6	4645	8270	0.30%	0.039%
5	2.618	472	475	476	rBV2	926	554	0.02%	0.003%
6	2.650	477	485	495	rVB3	9167	16713	0.61%	0.079%
7	2.749	514	516	524	rVB6	826	723	0.03%	0.003%
8	2.794	526	530	531	rBV3	1007	724	0.03%	0.003%
9	2.852	543	548	550	rBV3	930	775	0.03%	0.004%
10	2.875	551	555	561	rVB5	815	1004	0.04%	0.005%
11	2.974	583	586	590	rBV3	813	739	0.03%	0.004%
12	3.081	616	619	624	rVB5	1457	1310	0.05%	0.006%
13	3.106	624	627	631	rBV3	817	715	0.03%	0.003%
14	3.145	631	639	641	rBV3	797	846	0.03%	0.004%
15	3.164	641	645	646	rBV2	914	652	0.02%	0.003%
16	3.241	666	669	674	rBV4	1063	829	0.03%	0.004%
17	3.418	718	724	730	rVB7	1012	1155	0.04%	0.005%
18	3.534	756	760	763	rBV2	756	651	0.02%	0.003%
19	3.646	792	795	799	rVB2	1052	844	0.03%	0.004%
20	3.698	808	811	815	rVB3	928	662	0.02%	0.003%
21	3.724	815	819	824	rBV4	957	915	0.03%	0.004%
22	3.798	838	842	847	rVB4	643	611	0.02%	0.003%
23	3.923	869	881	920	rBV	278224	755054	27.46%	3.580%
24	4.244	978	981	984	rBV2	1213	942	0.03%	0.004%
25	4.399	1010	1029	1059	rBV	480323	1175959	42.77%	5.576%
26	4.798	1149	1153	1156	rBV5	969	834	0.03%	0.004%
27	4.859	1169	1172	1174	rBV2	1311	805	0.03%	0.004%
28	4.926	1188	1193	1196	rBV4	853	657	0.02%	0.003%
29	5.016	1216	1221	1224	rBV5	847	722	0.03%	0.003%
30	5.093	1224	1245	1270	rBV2	1076165	2749741	100.00%	13.038%
31	5.325	1315	1317	1321	rBV5	635	609	0.02%	0.003%
32	5.396	1337	1339	1344	rVB3	1513	1047	0.04%	0.005%
33	5.421	1344	1347	1351	rBV4	1247	1074	0.04%	0.005%
34	5.444	1351	1354	1359	rBV5	1628	1613	0.06%	0.008%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091319\
Data File : VV012763.D
Acq On : 14 Sep 2019 12:52
Operator : SY/MD
Sample : K4707-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
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_V\METHOD\SOMVLM091319WMA.M
Title : VOC Analysis

35	5.524	1374	1379	1380	rBV4	1175	1048	0.04%	0.005%
36	5.556	1384	1389	1391	rBV4	683	635	0.02%	0.003%
37	5.588	1396	1399	1400	rBV2	1307	695	0.03%	0.003%
38	5.662	1408	1422	1451	rBV	858860	1706630	62.07%	8.092%
39	5.945	1497	1510	1532	rBV2	135392	273975	9.96%	1.299%
40	6.116	1546	1563	1592	rBV	688787	1388556	50.50%	6.584%
41	6.498	1679	1682	1687	rVB4	1172	1123	0.04%	0.005%
42	6.534	1687	1693	1695	rBV4	908	815	0.03%	0.004%
43	6.559	1695	1701	1705	rVB8	1064	1247	0.05%	0.006%
44	6.646	1720	1728	1745	rBV4	5801	14330	0.52%	0.068%
45	6.871	1791	1798	1802	rBV4	1596	1568	0.06%	0.007%
46	7.029	1832	1847	1864	rBV	328474	590701	21.48%	2.801%
47	7.231	1908	1910	1917	rVB5	1441	1600	0.06%	0.008%
48	7.357	1936	1949	1979	rBV	1207308	2082278	75.73%	9.873%
49	7.662	2033	2044	2065	rBV	233575	397826	14.47%	1.886%
50	7.878	2108	2111	2115	rVB5	799	681	0.02%	0.003%
51	7.904	2115	2119	2121	rBV4	950	805	0.03%	0.004%
52	7.936	2126	2129	2134	rVB6	800	567	0.02%	0.003%
53	8.019	2153	2155	2159	rVB3	1227	748	0.03%	0.004%
54	8.129	2177	2189	2236	rBV2	681950	1510555	54.93%	7.163%
55	8.813	2398	2402	2405	rBV2	940	782	0.03%	0.004%
56	8.833	2405	2408	2413	rBV5	1299	1127	0.04%	0.005%
57	8.894	2413	2427	2448	rBV	1273856	2075537	75.48%	9.841%
58	9.186	2514	2518	2520	rBV3	1073	796	0.03%	0.004%
59	9.231	2529	2532	2536	rBV5	1003	878	0.03%	0.004%
60	9.328	2559	2562	2567	rVB5	770	577	0.02%	0.003%
61	9.370	2574	2575	2579	rVB3	1217	622	0.02%	0.003%
62	9.514	2617	2620	2624	rBV3	822	673	0.02%	0.003%
63	9.566	2633	2636	2640	rBV3	926	841	0.03%	0.004%
64	9.588	2640	2643	2646	rVV3	953	775	0.03%	0.004%
65	9.675	2667	2670	2675	rBV4	755	546	0.02%	0.003%
66	9.797	2704	2708	2715	rVB6	1032	1270	0.05%	0.006%
67	9.839	2715	2721	2723	rBV5	1229	1364	0.05%	0.006%
68	9.907	2739	2742	2746	rVV3	547	563	0.02%	0.003%
69	9.974	2759	2763	2767	rVB4	1007	1006	0.04%	0.005%
70	10.087	2794	2798	2800	rBV4	833	625	0.02%	0.003%
71	10.119	2804	2808	2810	rVV4	736	636	0.02%	0.003%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091319\
Data File : VV012763.D
Acq On : 14 Sep 2019 12:52
Operator : SY/MD
Sample : K4707-07
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
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_V\METHOD\SOMVLM091319WMA.M
Title : VOC Analysis

72	10.177	2821	2826	2829	rBV3	731	702	0.03%	0.003%
73	10.257	2835	2851	2874	rBV	793272	1255445	45.66%	5.953%
74	10.514	2925	2931	2933	rBV3	1110	1151	0.04%	0.005%
75	10.585	2948	2953	2958	rVB5	1420	1318	0.05%	0.006%
76	10.662	2973	2977	2978	rBV	826	567	0.02%	0.003%
77	10.839	3030	3032	3040	rVB7	1193	1100	0.04%	0.005%
78	10.894	3046	3049	3050	rBV2	918	590	0.02%	0.003%
79	11.141	3121	3126	3129	rBV4	873	868	0.03%	0.004%
80	11.228	3145	3153	3159	rVB8	2650	3634	0.13%	0.017%
81	11.292	3160	3173	3190	rBV	1035336	1617549	58.83%	7.670%
82	11.492	3230	3235	3237	rVB3	915	796	0.03%	0.004%
83	11.540	3247	3250	3255	rBV3	1122	921	0.03%	0.004%
84	11.669	3276	3290	3313	rBV	1270140	2030150	73.83%	9.626%
85	11.897	3357	3361	3364	rBV3	983	745	0.03%	0.004%
86	12.058	3405	3411	3416	rBV5	975	1529	0.06%	0.007%
87	12.228	3459	3464	3467	rVB4	1050	1002	0.04%	0.005%
88	12.698	3606	3610	3616	rVV5	1645	1886	0.07%	0.009%
89	12.807	3642	3644	3651	rVB3	887	755	0.03%	0.004%
90	12.900	3670	3673	3674	rBV	1041	585	0.02%	0.003%
91	13.087	3728	3731	3734	rBV2	812	695	0.03%	0.003%
92	13.218	3769	3772	3775	rBV3	961	742	0.03%	0.004%
93	13.312	3795	3801	3810	rBV10	4958	7669	0.28%	0.036%
94	13.421	3832	3835	3841	rBV5	1402	1355	0.05%	0.006%
95	13.450	3841	3844	3849	rVV3	1074	893	0.03%	0.004%
96	13.508	3859	3862	3865	rBV3	945	687	0.02%	0.003%
97	13.717	3924	3927	3931	rBV3	1196	839	0.03%	0.004%
98	13.749	3935	3937	3943	rVB4	794	767	0.03%	0.004%
99	13.791	3946	3950	3951	rBV2	1417	1037	0.04%	0.005%
100	15.369	4439	4441	4443	rBV2	1220	697	0.03%	0.003%

Sum of corrected areas: 21089655

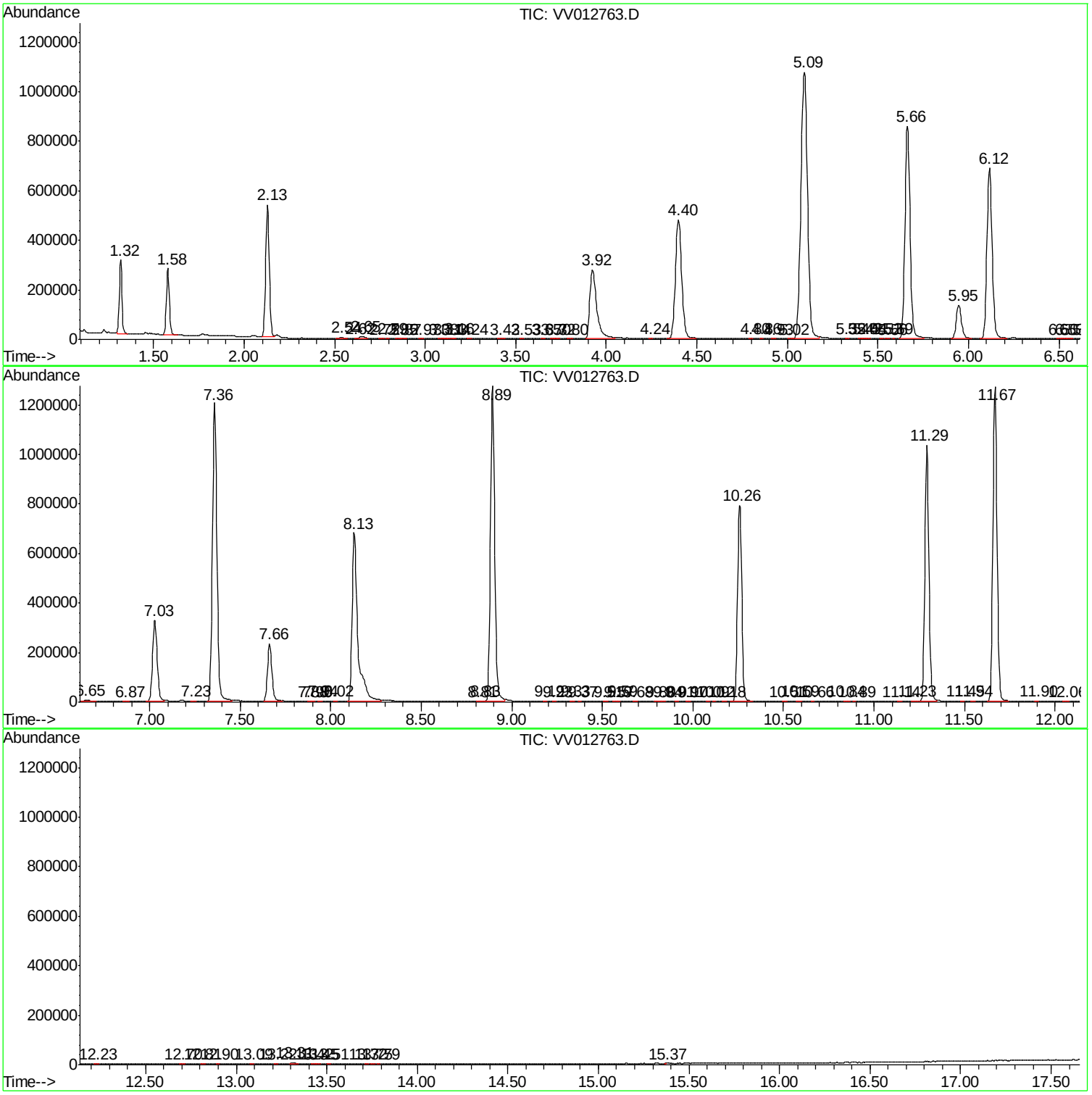
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091319\
Data File : VV012763.D
Acq On : 14 Sep 2019 12:52
Operator : SY/MD
Sample : K4707-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.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\VV091319\
Data File : VV012763.D
Acq On : 14 Sep 2019 12:52
Operator : SY/MD
Sample : K4707-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
Quant Title : VOC Analysis

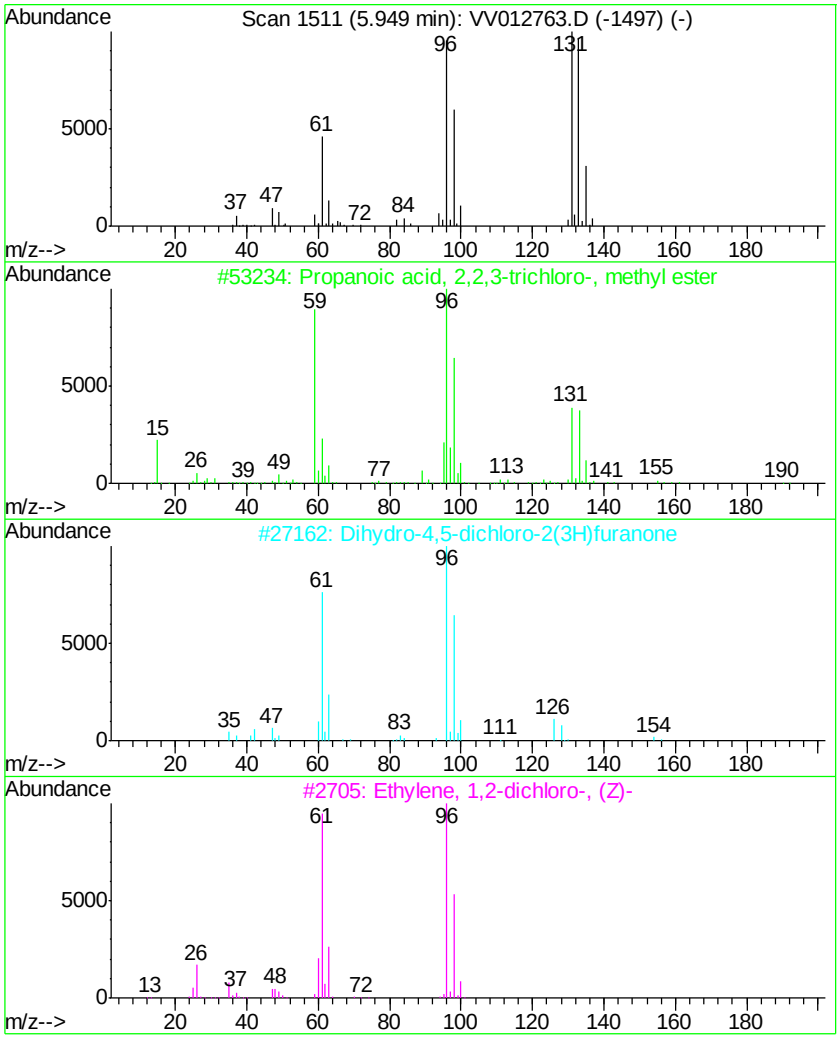
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

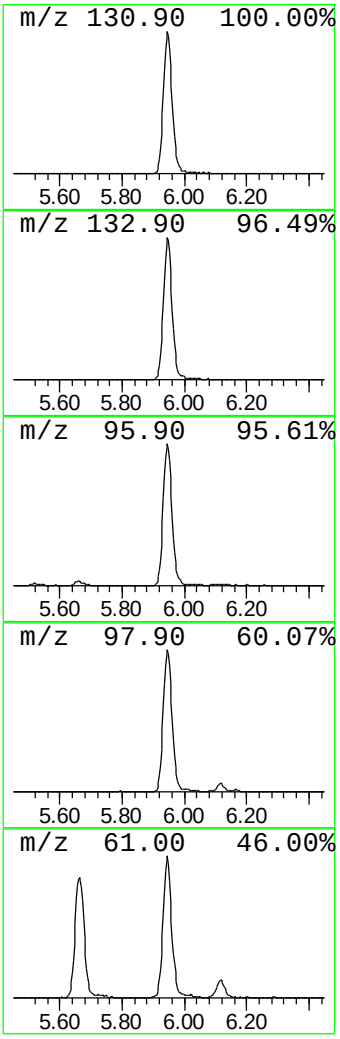
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	8.03 ug/L	273975	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	37
2	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
3	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	12
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	12
5	Difluoro(methylamino)phosphine s...	131	CH4F2NPS	1000306-16-8	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091319\
Data File : VV012763.D
Acq On : 14 Sep 2019 12:52
Operator : SY/MD
Sample : K4707-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.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	5.95	8.0	ug/L	273975	1	5.66	1706630	50.0