LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040319\
Data File : VV010100.D
Acq On : 03 Apr 2019 19:22
Operator : SY/MD
Sample : K2148-09RE
Misc : 2.87G/10mL/MSVOA V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5G8RE

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\SOM2VLM040219S.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	1.209	33	37	48	rVB2	17792	21093	2.59%	0.417%
2	1.319	65	71	81	rVB	126781	125947	15.45%	2.489%
3	1.569	143	149	158	rVB	109437	125872	15.44%	2.488%
4	2.126	314	322	334	rVB	280695	390913	47.96%	7.726%
5	2.302	371	377	378	rBV3	1504	1484	0.18%	0.029%
6	2.534	440	449	466	rVB	56374	94181	11.55%	1.861%
7	2.643	479	483	485	rBV4	884	747	0.09%	0.015%
8	2.698	498	500	503	rVB2	734	392	0.05%	0.008%
9	2.785	523	527	532	rVB3	741	497	0.06%	0.010%
10	2.868	549	553	556	rBV	437	432	0.05%	0.009%
11	2.965	579	583	585	rBV2	371	288	0.04%	0.006%
12	2.987	587	590	592	rBV	730	421	0.05%	0.008%
13	3.000	592	594	598	rBV2	469	305	0.04%	0.006%
14	3.074	601	617	627	rBV5	9213	19517	2.39%	0.386%
15	3.228	662	665	666	rVB	789	287	0.04%	0.006%
16	3.270	674	678	681	rVB2	507	391	0.05%	0.008%
17	3.293	681	685	690	rBV3	730	712	0.09%	0.014%
18	3.357	701	705	708	rVB3	383	282	0.03%	0.006%
19	3.425	723	726	728	rBV	622	316	0.04%	0.006%
20	3.511	747	753	754	rBV2	703	561	0.07%	0.011%
21	3.598	778	780	783	rBV2	559	347	0.04%	0.007%
22	3.775	832	835	836	rBV	536	277	0.03%	0.005%
23	3.859	859	861	865	rBV2	474	283	0.03%	0.006%
24	3.933	875	884	900	rBV2	13666	38960	4.78%	0.770%
25	4.219	970	973	975	rBV3	503	333	0.04%	0.007%
26	4.402	1013	1030	1059	rBV3	132961	363198	44.56%	7.178%
27	4.711	1119	1126	1127	rBV3	956	1105	0.14%	0.022%
28	4.826	1160	1162	1166	rVV2	637	465	0.06%	0.009%
29	4.904	1184	1186	1192	rVB2	554	383	0.05%	0.008%
30	5.029	1220	1225	1227	rBV2	380	275	0.03%	0.005%
31	5.097	1227	1246	1270	rBV2	325267	815114	100.00%	16.110%
32	5.357	1323	1327	1329	rVB2	736	532	0.07%	0.011%
33	5.540	1381	1384	1389	rBV2	615	406	0.05%	0.008%
34	5.566	1389	1392	1394	rVV3	796	510	0.06%	0.010%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040319\
Data File : VV010100.D
Acq On : 03 Apr 2019 19:22
Operator : SY/MD
Sample : K2148-09RE
Misc : 2.87G/10mL/MSVOA V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5G8RE

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\SOM2VLM040219S.M
Title : VOC Analysis

35	5.662	1408	1422	1443	rBV	280703	567957	69.68%	11.225%
36	5.913	1497	1500	1502	rBV	581	322	0.04%	0.006%
37	5.942	1502	1509	1510	rBV4	2291	2108	0.26%	0.042%
38	6.116	1548	1563	1585	rBV	185729	375652	46.09%	7.424%
39	6.354	1634	1637	1638	rBV2	526	297	0.04%	0.006%
40	6.685	1734	1740	1743	rBV6	1738	2042	0.25%	0.040%
41	6.817	1772	1781	1782	rBV5	2746	2855	0.35%	0.056%
42	6.910	1808	1810	1813	rVB	683	367	0.05%	0.007%
43	7.029	1835	1847	1864	rBV2	58605	105094	12.89%	2.077%
44	7.199	1897	1900	1903	rBV3	472	338	0.04%	0.007%
45	7.283	1922	1926	1927	rBV	896	400	0.05%	0.008%
46	7.360	1937	1950	1969	rBV	352325	624784	76.65%	12.348%
47	7.604	2024	2026	2034	rVB5	500	507	0.06%	0.010%
48	7.662	2034	2044	2059	rBV2	35617	62299	7.64%	1.231%
49	7.810	2086	2090	2091	rBV	567	405	0.05%	0.008%
50	7.977	2135	2142	2146	rBV6	1224	1504	0.18%	0.030%
51	8.132	2181	2190	2214	rBV3	43485	97964	12.02%	1.936%
52	8.366	2261	2263	2267	rBV3	646	372	0.05%	0.007%
53	8.418	2276	2279	2282	rBV2	599	403	0.05%	0.008%
54	8.457	2289	2291	2295	rBV3	428	325	0.04%	0.006%
55	8.897	2414	2428	2448	rBV	312551	534213	65.54%	10.558%
56	9.055	2472	2477	2486	rVB6	1288	1508	0.19%	0.030%
57	9.183	2515	2517	2519	rBV2	573	298	0.04%	0.006%
58	9.338	2560	2565	2566	rVV	458	292	0.04%	0.006%
59	9.482	2606	2610	2612	rBV	437	311	0.04%	0.006%
60	9.678	2667	2671	2674	rBV2	860	628	0.08%	0.012%
61	9.710	2678	2681	2687	rVB2	595	529	0.06%	0.010%
62	9.784	2701	2704	2706	rVV3	636	326	0.04%	0.006%
63	9.820	2711	2715	2717	rBV	429	272	0.03%	0.005%
64	9.871	2728	2731	2734	rBV3	421	276	0.03%	0.005%
65	9.932	2748	2750	2754	rBV3	477	412	0.05%	0.008%
66	10.161	2818	2821	2822	rBV	751	390	0.05%	0.008%
67	10.260	2841	2852	2868	rBV	101548	161267	19.78%	3.187%
68	10.331	2872	2874	2879	rBV2	615	451	0.06%	0.009%
69	10.424	2893	2903	2911	rBV6	5541	9110	1.12%	0.180%
70	10.495	2923	2925	2929	rVB3	841	470	0.06%	0.009%
71	10.550	2939	2942	2947	rVB	504	422	0.05%	0.008%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040319\
Data File : VV010100.D
Acq On : 03 Apr 2019 19:22
Operator : SY/MD
Sample : K2148-09RE
Misc : 2.87G/10mL/MSVOA V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5G8RE

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\SOM2VLM040219S.M
Title : VOC Analysis

72	10.727	2992	2997	2999	rBV3	717	521	0.06%	0.010%
73	10.955	3063	3068	3071	rBV4	906	1016	0.12%	0.020%
74	11.080	3103	3107	3109	rBV3	903	769	0.09%	0.015%
75	11.116	3115	3118	3119	rBV2	543	275	0.03%	0.005%
76	11.164	3132	3133	3135	rBV	718	352	0.04%	0.007%
77	11.251	3157	3160	3162	rVB2	693	335	0.04%	0.007%
78	11.299	3163	3175	3191	rBV	139534	248037	30.43%	4.902%
79	11.411	3207	3210	3211	rBV3	1063	482	0.06%	0.010%
80	11.672	3280	3291	3308	rBV2	118052	213487	26.19%	4.219%
81	11.829	3337	3340	3343	rBV3	829	757	0.09%	0.015%
82	11.878	3350	3355	3356	rBV4	1459	1242	0.15%	0.025%
83	12.032	3400	3403	3405	rBV	486	379	0.05%	0.007%
84	12.058	3408	3411	3414	rBV3	653	548	0.07%	0.011%
85	12.296	3479	3485	3495	rVB2	5659	8321	1.02%	0.164%
86	12.440	3526	3530	3534	rVB2	563	461	0.06%	0.009%
87	12.643	3590	3593	3595	rBV	648	319	0.04%	0.006%
88	12.919	3676	3679	3681	rBV2	790	333	0.04%	0.007%
89	13.077	3725	3728	3732	rBV2	568	542	0.07%	0.011%
90	13.225	3771	3774	3777	rBV2	361	310	0.04%	0.006%
91	13.505	3858	3861	3863	rVV	553	319	0.04%	0.006%
92	13.797	3944	3952	3963	rVB2	9681	13627	1.67%	0.269%
93	13.845	3963	3967	3968	rBV3	497	371	0.05%	0.007%
94	14.022	4018	4022	4024	rBV2	848	547	0.07%	0.011%
95	14.479	4162	4164	4165	rBV	1168	383	0.05%	0.008%
96	14.562	4188	4190	4194	rBV2	692	558	0.07%	0.011%
97	14.617	4205	4207	4209	rBV2	587	275	0.03%	0.005%
98	15.093	4353	4355	4358	rBV	759	420	0.05%	0.008%
99	15.241	4399	4401	4403	rBV	712	380	0.05%	0.008%
100	15.488	4475	4478	4479	rBV2	811	384	0.05%	0.008%

Sum of corrected areas: 5059746

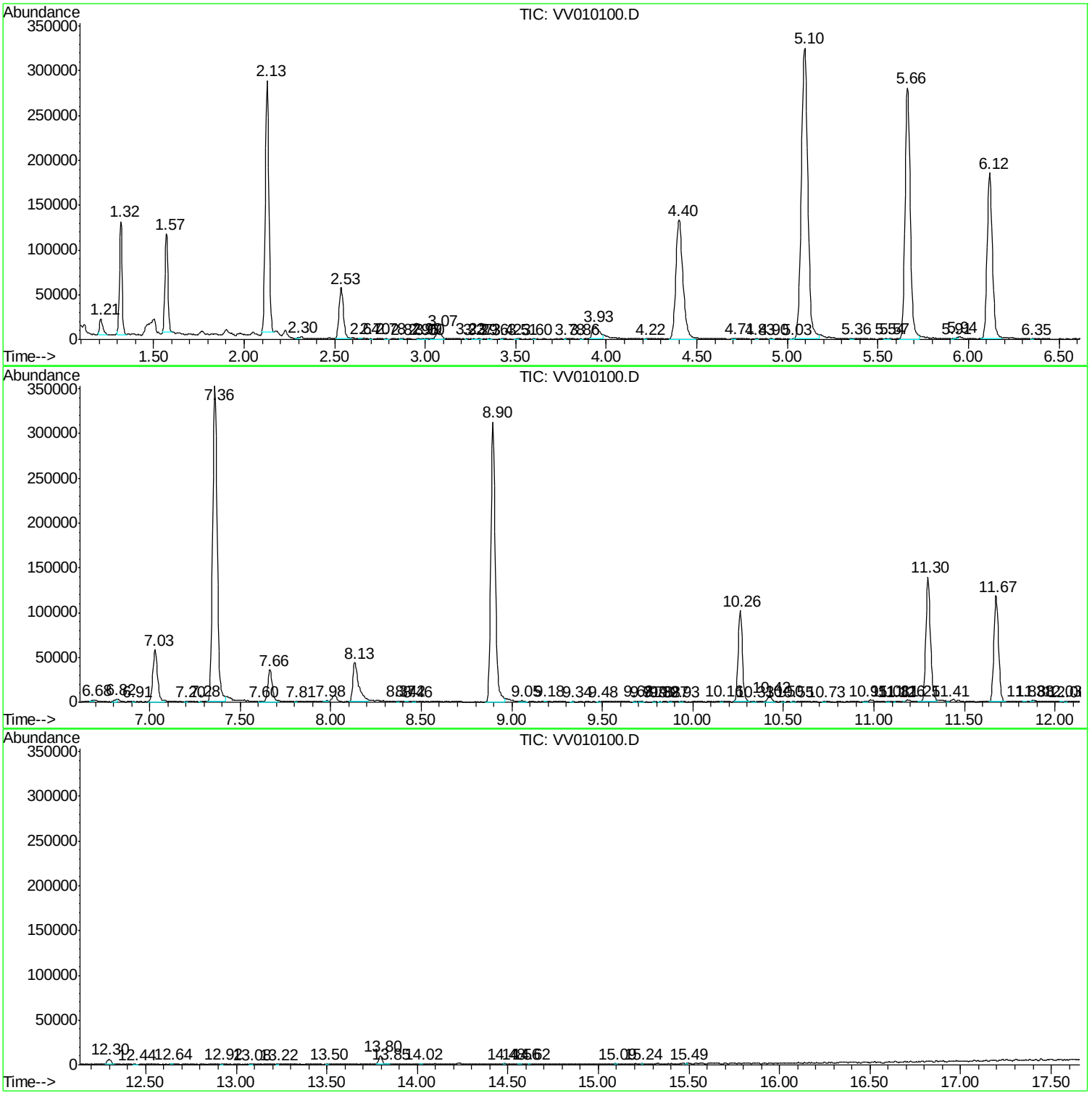
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040319\
Data File : VV010100.D
Acq On : 03 Apr 2019 19:22
Operator : SY/MD
Sample : K2148-09RE
Misc : 2.87G/10mL/MSVOA_V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5G8RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.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\VV040319\
Data File : VV010100.D
Acq On : 03 Apr 2019 19:22
Operator : SY/MD
Sample : K2148-09RE
Misc : 2.87G/10mL/MSVOA_V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5G8RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

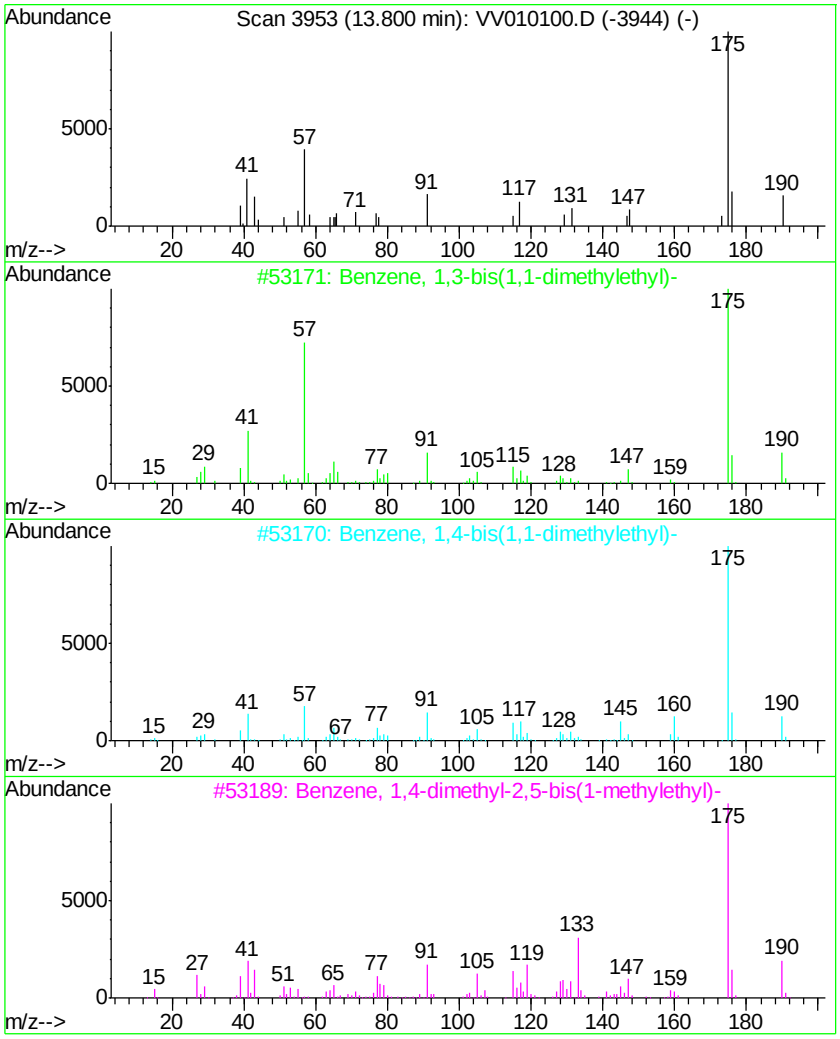
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

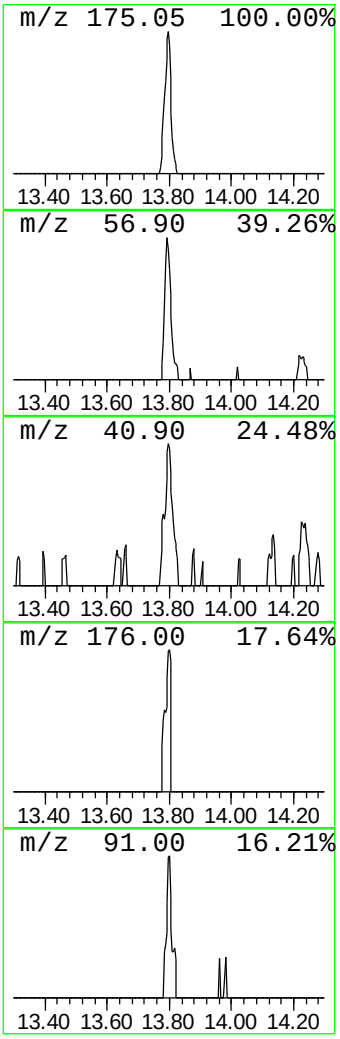
****

Peak Number 2 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	1.37 ug/L	13627	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	83
2	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	80
3	Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	78
4	4(3H)-Quinazolinone, 3-amino-2-m...	175	C9H9N3O	001898-06-2	64
5	3,4-Dihydro-4-imino-3-methoxyqui...	175	C9H9N3O	015018-64-1	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040319\
Data File : VV010100.D
Acq On : 03 Apr 2019 19:22
Operator : SY/MD
Sample : K2148-09RE
Misc : 2.87G/10mL/MSVOA_V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5G8RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.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
Benzene, 1,3-bis(...	13.80	1.4	ug/L	13627	3	11.30	248037	25.0