

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036152.D
 Acq On : 20 Jun 2024 09:39
 Operator : SY/MD
 Sample : VV0620SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK326

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\SFAMVLM053024SMA.M
 Title : VOC Analysis

Signal : TIC: VV036152.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.272	66	72	87	rVB	182171	194754	16.69%	2.367%
2	1.526	145	151	166	rVB	159449	186284	15.97%	2.264%
3	2.050	305	314	339	rVB	335084	499639	42.83%	6.074%
4	2.442	427	436	453	rVB2	29282	50256	4.31%	0.611%
5	2.780	537	541	542	rBV2	314	253	0.02%	0.003%
6	2.822	551	554	555	rBV2	262	154	0.01%	0.002%
7	2.960	587	597	613	rBV4	11893	25090	2.15%	0.305%
8	3.240	680	684	686	rVB2	266	130	0.01%	0.002%
9	3.256	687	689	690	rBV2	143	45	0.00%	0.001%
10	3.275	693	695	698	rVB2	264	167	0.01%	0.002%
11	3.291	698	700	705	rBV2	323	293	0.03%	0.004%
12	3.346	712	717	718	rBV	371	289	0.02%	0.004%
13	3.410	734	737	740	rVB	336	204	0.02%	0.002%
14	3.429	740	743	750	rVB2	385	369	0.03%	0.004%
15	3.458	750	752	754	rBV	281	143	0.01%	0.002%
16	3.510	765	768	774	rVB2	251	224	0.02%	0.003%
17	3.539	774	777	781	rBV3	309	289	0.02%	0.004%
18	3.613	797	800	801	rBV3	99	57	0.00%	0.001%
19	3.619	801	802	803	rBV	162	56	0.00%	0.001%
20	3.751	840	843	845	rBV	92	69	0.01%	0.001%
21	3.789	853	855	857	rBV	208	113	0.01%	0.001%
22	3.841	860	871	895	rBV2	18667	76367	6.55%	0.928%
23	4.243	982	996	1030	rBV	193672	511259	43.83%	6.215%
24	4.616	1110	1112	1114	rBV3	436	207	0.02%	0.003%
25	4.683	1130	1133	1135	rBV3	284	133	0.01%	0.002%
26	4.712	1139	1142	1144	rBV3	773	558	0.05%	0.007%
27	4.796	1166	1168	1171	rBV2	330	181	0.02%	0.002%
28	4.873	1190	1192	1193	rBV2	280	129	0.01%	0.002%
29	4.950	1201	1216	1251	rBV2	453633	1166585	100.00%	14.181%
30	5.378	1348	1349	1351	rBV	209	102	0.01%	0.001%
31	5.410	1356	1359	1363	rBV2	301	251	0.02%	0.003%
32	5.474	1375	1379	1385	rBV4	432	417	0.04%	0.005%
33	5.529	1385	1396	1429	rBV	317115	682894	58.54%	8.301%
34	5.825	1479	1488	1512	rVB3	18443	45345	3.89%	0.551%
35	5.985	1525	1538	1573	rBV	265781	569696	48.83%	6.925%
36	6.349	1649	1651	1656	rVB2	295	191	0.02%	0.002%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036152.D
 Acq On : 20 Jun 2024 09:39
 Operator : SY/MD
 Sample : VV0620SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK326

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\SFAMVLM053024SMA.M
 Title : VOC Analysis

37	6.374	1656	1659	1662	rBV	256	202	0.02%	0.002%
38	6.403	1662	1668	1672	rVB2	398	376	0.03%	0.005%
39	6.429	1674	1676	1678	rBV2	262	185	0.02%	0.002%
40	6.535	1706	1709	1713	rVV2	339	241	0.02%	0.003%
41	6.590	1721	1726	1729	rBV3	334	308	0.03%	0.004%
42	6.654	1738	1746	1750	rBV3	409	463	0.04%	0.006%
43	6.680	1750	1754	1756	rBV2	323	217	0.02%	0.003%
44	6.690	1756	1757	1762	rVB	346	168	0.01%	0.002%
45	6.709	1762	1763	1764	rBV	171	46	0.00%	0.001%
46	6.738	1770	1772	1777	rVB2	257	143	0.01%	0.002%
47	6.770	1778	1782	1785	rBV3	283	219	0.02%	0.003%
48	6.815	1794	1796	1799	rBV	280	158	0.01%	0.002%
49	6.831	1799	1801	1804	rVB	289	149	0.01%	0.002%
50	6.857	1805	1809	1816	rBV3	323	335	0.03%	0.004%
51	6.911	1816	1826	1855	rBV	112343	229696	19.69%	2.792%
52	7.111	1885	1888	1891	rBV3	515	431	0.04%	0.005%
53	7.172	1903	1907	1909	rBV2	452	403	0.03%	0.005%
54	7.239	1916	1928	1956	rBV	465547	853987	73.20%	10.381%
55	7.555	2017	2026	2051	rBV2	75162	150090	12.87%	1.824%
56	7.873	2113	2125	2135	rBV2	12835	24145	2.07%	0.294%
57	8.030	2166	2174	2210	rBV	81838	197189	16.90%	2.397%
58	8.477	2312	2313	2316	rBV	317	155	0.01%	0.002%
59	8.538	2329	2332	2334	rBV	398	278	0.02%	0.003%
60	8.680	2374	2376	2379	rBV2	242	135	0.01%	0.002%
61	8.728	2388	2391	2393	rBV3	361	216	0.02%	0.003%
62	8.741	2393	2395	2396	rBV	172	81	0.01%	0.001%
63	8.783	2396	2408	2437	rBV	514857	865948	74.23%	10.526%
64	9.140	2518	2519	2523	rVB3	559	264	0.02%	0.003%
65	9.207	2537	2540	2543	rVB2	638	367	0.03%	0.004%
66	9.223	2543	2545	2549	rBV3	296	224	0.02%	0.003%
67	9.243	2549	2551	2552	rBV	251	98	0.01%	0.001%
68	9.297	2565	2568	2572	rBV3	446	333	0.03%	0.004%
69	9.384	2593	2595	2597	rVB2	416	183	0.02%	0.002%
70	9.487	2621	2627	2634	rBV5	1733	2750	0.24%	0.033%
71	9.628	2668	2671	2673	rBV3	288	202	0.02%	0.002%
72	9.683	2685	2688	2692	rVB3	414	296	0.03%	0.004%
73	9.738	2704	2705	2707	rBV2	304	119	0.01%	0.001%
74	9.876	2741	2748	2757	rVB6	1995	3194	0.27%	0.039%
75	9.956	2771	2773	2774	rBV6	168	63	0.01%	0.001%
76	9.995	2784	2785	2786	rBV6	165	46	0.00%	0.001%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036152.D
 Acq On : 20 Jun 2024 09:39
 Operator : SY/MD
 Sample : VV0620SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK326

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\SFAMVLM053024SMA.M
 Title : VOC Analysis

77	10.030	2791	2796	2799	rBV2	283	350	0.03%	0.004%
78	10.059	2803	2805	2806	rBV	213	86	0.01%	0.001%
79	10.091	2811	2815	2817	rBV2	303	210	0.02%	0.003%
80	10.152	2821	2834	2852	rBV	215490	352370	30.21%	4.283%
81	10.323	2877	2887	2900	rVB	15199	25205	2.16%	0.306%
82	10.439	2921	2923	2925	rBV	188	118	0.01%	0.001%
83	10.484	2929	2937	2945	rVV5	2022	3240	0.28%	0.039%
84	10.702	2999	3005	3009	rBV4	392	487	0.04%	0.006%
85	10.860	3046	3054	3061	rBV5	2452	3911	0.34%	0.048%
86	11.005	3093	3099	3102	rBV4	442	392	0.03%	0.005%
87	11.024	3102	3105	3108	rVB	238	147	0.01%	0.002%
88	11.050	3108	3113	3114	rBV	191	151	0.01%	0.002%
89	11.127	3131	3137	3144	rBV5	4486	6280	0.54%	0.076%
90	11.181	3144	3154	3176	rBV	436752	706737	60.58%	8.591%
91	11.558	3259	3271	3293	rBV	430566	699453	59.96%	8.503%
92	11.857	3362	3364	3370	rBV	535	441	0.04%	0.005%
93	12.191	3460	3468	3483	rVB2	15293	24497	2.10%	0.298%
94	12.381	3523	3527	3532	rBV3	491	588	0.05%	0.007%
95	12.590	3586	3592	3599	rVB4	3744	4921	0.42%	0.060%
96	12.821	3658	3664	3674	rBV6	1447	2767	0.24%	0.034%
97	12.992	3713	3717	3720	rBV3	488	405	0.03%	0.005%
98	13.207	3773	3784	3791	rBV4	5409	9205	0.79%	0.112%
99	13.445	3851	3858	3871	rBV2	8139	13608	1.17%	0.165%
100	13.683	3925	3932	3945	rVB4	16327	23546	2.02%	0.286%

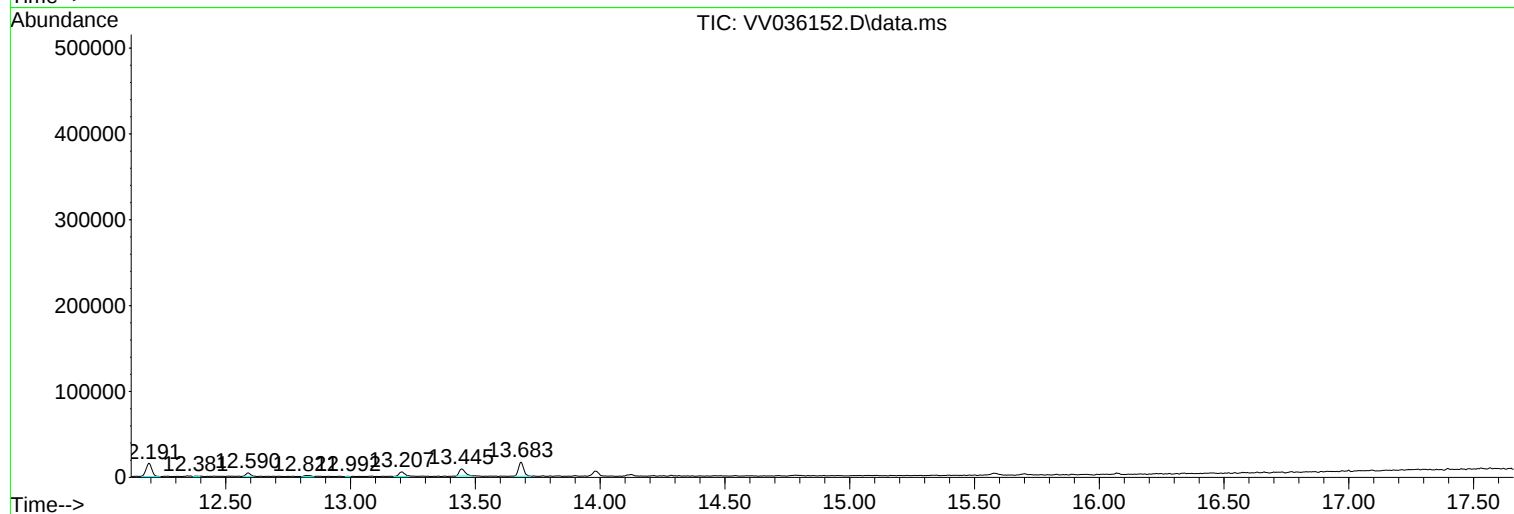
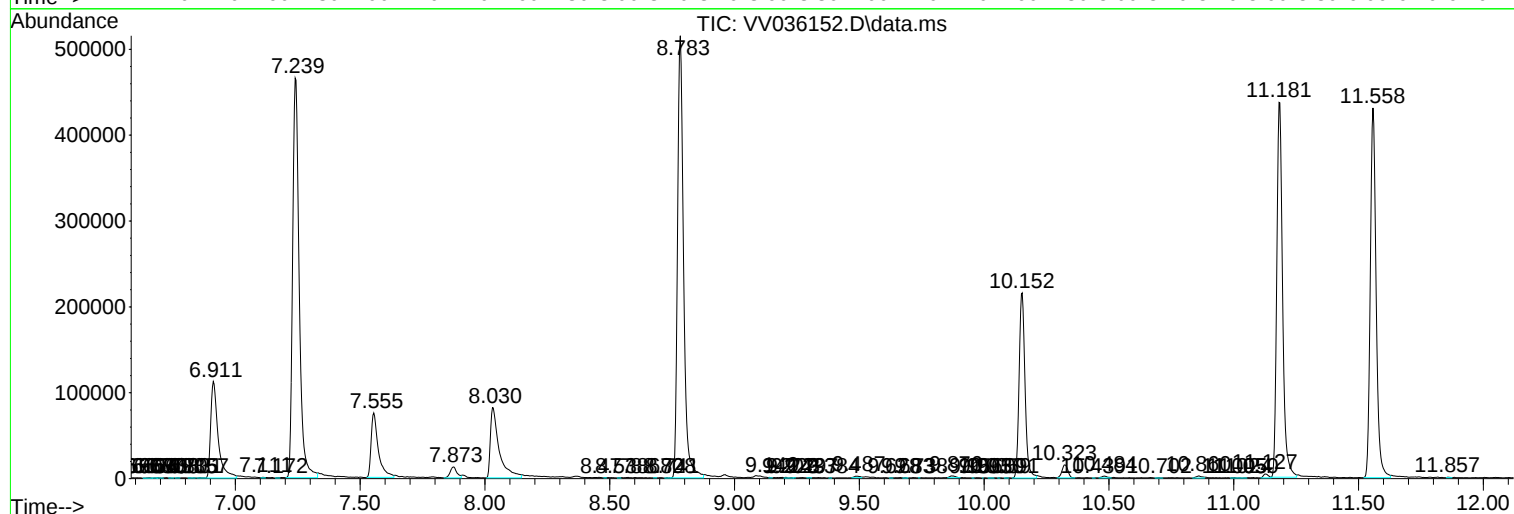
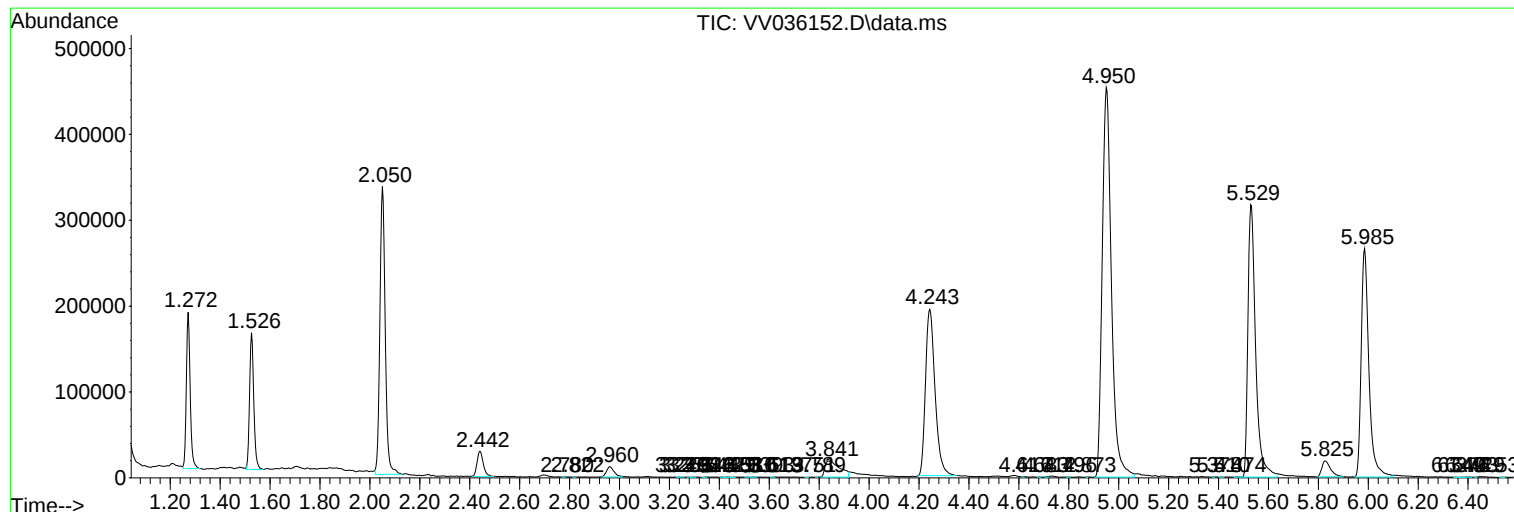
Sum of corrected areas: 8226411

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036152.D
Acq On : 20 Jun 2024 09:39
Operator : SY/MD
Sample : VV0620SBL01
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK326

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036152.D
Acq On : 20 Jun 2024 09:39
Operator : SY/MD
Sample : VV0620SBL01
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK326

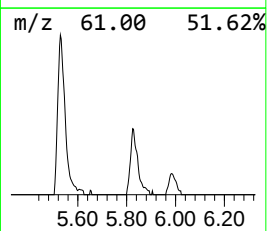
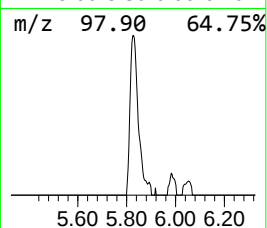
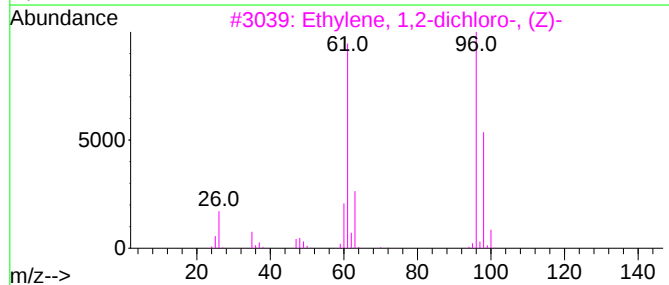
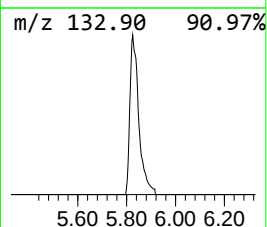
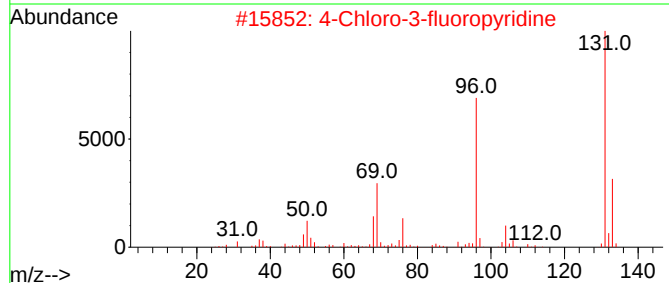
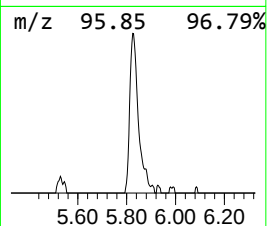
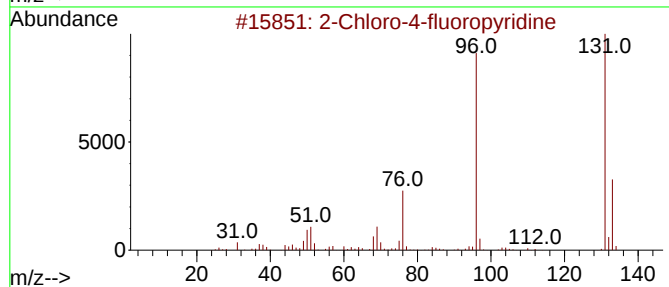
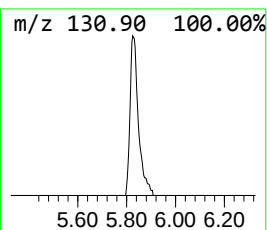
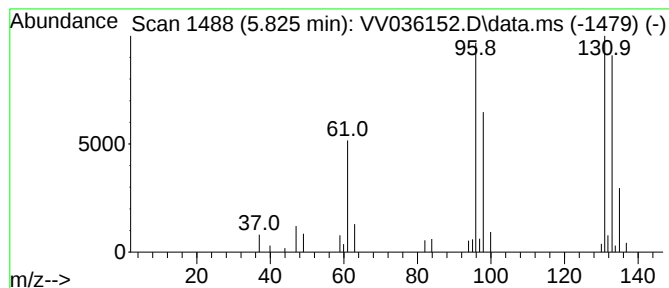
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.825	1.66 ug/L	45345	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Chloro-4-fluoropyridine	131	C5H3ClFN	1000484-44-8	43
2			4-Chloro-3-fluoropyridine	131	C5H3ClFN	002546-56-7	38
3			Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	35
4			Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	27
5			Ethene, 1,1-dichloro-	96	C2H2Cl2	000075-35-4	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036152.D
Acq On : 20 Jun 2024 09:39
Operator : SY/MD
Sample : VV0620SBL01
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK326

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	5.825	1.7	ug/L	45345	1	5.529	682894	25.0