

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062724\
 Data File : VV036311.D
 Acq On : 27 Jun 2024 16:09
 Operator : SY/MD
 Sample : P3035-07
 Misc : 5.39g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4CX3

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\SFAMVLM062724SMA.M
 Title : VOC Analysis

Signal : TIC: VV036311.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	89	rVB	300735	323216	14.81%	2.138%
2	1.526	144	151	164	rVB	259048	301244	13.80%	1.993%
3	2.050	304	314	334	rVB	567533	813452	37.27%	5.381%
4	2.307	392	394	396	rBV2	506	324	0.01%	0.002%
5	2.439	425	435	454	rVB	73457	126363	5.79%	0.836%
6	2.629	487	494	497	rBV4	603	558	0.03%	0.004%
7	2.648	497	500	504	rVB3	665	475	0.02%	0.003%
8	2.687	505	512	514	rBV4	722	659	0.03%	0.004%
9	2.699	514	516	522	rVB3	579	430	0.02%	0.003%
10	2.773	537	539	546	rVB3	375	349	0.02%	0.002%
11	2.960	586	597	610	rVV4	13297	26573	1.22%	0.176%
12	3.024	615	617	624	rVB4	834	737	0.03%	0.005%
13	3.121	642	647	653	rVB2	344	294	0.01%	0.002%
14	3.291	695	700	705	rBV3	346	348	0.02%	0.002%
15	3.352	713	719	722	rBV2	382	393	0.02%	0.003%
16	3.651	810	812	818	rVV3	335	315	0.01%	0.002%
17	3.831	855	868	921	rBV2	29889	156471	7.17%	1.035%
18	4.243	979	996	1034	rBV	357133	938633	43.01%	6.209%
19	4.474	1066	1068	1073	rVB2	431	301	0.01%	0.002%
20	4.577	1097	1100	1104	rBV4	497	358	0.02%	0.002%
21	4.838	1178	1181	1184	rVB2	608	392	0.02%	0.003%
22	4.879	1191	1194	1198	rBV2	370	316	0.01%	0.002%
23	4.950	1199	1216	1259	rBV2	855403	2182586	100.00%	14.438%
24	5.278	1315	1318	1324	rBV3	465	487	0.02%	0.003%
25	5.410	1357	1359	1363	rVB3	767	495	0.02%	0.003%
26	5.529	1383	1396	1436	rBV	732284	1510890	69.22%	9.994%
27	5.760	1465	1468	1471	rBV3	669	396	0.02%	0.003%
28	5.825	1477	1488	1512	rBV2	36214	80852	3.70%	0.535%
29	5.985	1523	1538	1577	rBV	478134	1002160	45.92%	6.629%
30	6.378	1657	1660	1664	rVB4	671	569	0.03%	0.004%
31	6.522	1699	1705	1709	rBV4	434	387	0.02%	0.003%
32	6.558	1711	1716	1719	rBV2	331	295	0.01%	0.002%
33	6.651	1743	1745	1749	rVB3	699	407	0.02%	0.003%
34	6.680	1749	1754	1756	rBV	543	414	0.02%	0.003%
35	6.873	1809	1814	1815	rBV3	466	322	0.01%	0.002%
36	6.911	1815	1826	1853	rBV	225707	435617	19.96%	2.882%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062724\
 Data File : VV036311.D
 Acq On : 27 Jun 2024 16:09
 Operator : SY/MD
 Sample : P3035-07
 Misc : 5.39g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4CX3

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\SFAMVLM062724SMA.M
 Title : VOC Analysis

37	7.239	1916	1928	1962	rBV	949974	1680964	77.02%	11.119%
38	7.551	2013	2025	2055	rBV	150000	284441	13.03%	1.882%
39	7.821	2106	2109	2111	rVB3	951	548	0.03%	0.004%
40	7.873	2111	2125	2133	rBV	14246	25438	1.17%	0.168%
41	7.950	2146	2149	2151	rBV3	481	298	0.01%	0.002%
42	8.030	2165	2174	2218	rBV	150443	351059	16.08%	2.322%
43	8.397	2286	2288	2291	rVB2	1001	643	0.03%	0.004%
44	8.419	2291	2295	2299	rBV3	821	832	0.04%	0.006%
45	8.497	2316	2319	2322	rBV3	574	329	0.02%	0.002%
46	8.513	2322	2324	2329	rVB3	527	382	0.02%	0.003%
47	8.554	2332	2337	2346	rVB5	896	1384	0.06%	0.009%
48	8.596	2346	2350	2360	rBV5	913	1313	0.06%	0.009%
49	8.664	2369	2371	2374	rVB2	689	421	0.02%	0.003%
50	8.783	2396	2408	2439	rBV	988369	1656812	75.91%	10.960%
51	9.136	2515	2518	2519	rBV3	517	312	0.01%	0.002%
52	9.149	2519	2522	2524	rBV4	1033	769	0.04%	0.005%
53	9.288	2562	2565	2569	rVB3	473	342	0.02%	0.002%
54	9.345	2580	2583	2586	rBV	454	356	0.02%	0.002%
55	9.413	2600	2604	2609	rBV3	781	820	0.04%	0.005%
56	9.734	2701	2704	2711	rVB5	664	700	0.03%	0.005%
57	9.767	2711	2714	2717	rBV3	543	399	0.02%	0.003%
58	9.834	2728	2735	2742	rBV8	2440	2959	0.14%	0.020%
59	9.918	2757	2761	2763	rBV3	423	326	0.01%	0.002%
60	10.062	2799	2806	2813	rVB5	2583	3690	0.17%	0.024%
61	10.149	2818	2833	2859	rBV	335155	543810	24.92%	3.597%
62	10.323	2875	2887	2899	rVB	39071	66266	3.04%	0.438%
63	10.468	2929	2932	2934	rBV4	691	422	0.02%	0.003%
64	10.516	2945	2947	2958	rVB7	2765	3640	0.17%	0.024%
65	10.574	2961	2965	2970	rBV6	663	567	0.03%	0.004%
66	10.599	2971	2973	2978	rVB3	686	460	0.02%	0.003%
67	10.718	3006	3010	3012	rBV2	1041	750	0.03%	0.005%
68	10.767	3016	3025	3026	rBV4	1088	1096	0.05%	0.007%
69	10.815	3037	3040	3042	rBV4	742	494	0.02%	0.003%
70	10.853	3045	3052	3064	rVB4	7869	12567	0.58%	0.083%
71	10.972	3080	3089	3100	rVB6	4239	6690	0.31%	0.044%
72	11.024	3100	3105	3107	rBV4	858	642	0.03%	0.004%
73	11.082	3112	3123	3131	rBV3	15076	24683	1.13%	0.163%
74	11.185	3144	3155	3176	rBV	713648	1127864	51.68%	7.461%
75	11.326	3191	3199	3205	rBV3	11394	18165	0.83%	0.120%
76	11.490	3242	3250	3260	rBV4	15445	36666	1.68%	0.243%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062724\
 Data File : VV036311.D
 Acq On : 27 Jun 2024 16:09
 Operator : SY/MD
 Sample : P3035-07
 Misc : 5.39g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4CX3

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\SFAMVLM062724SMA.M

Title : VOC Analysis

77	11.558	3261	3271	3297	rVB	643110	1027338	47.07%	6.796%
78	12.152	3454	3456	3459	rBV3	558	427	0.02%	0.003%
79	12.194	3459	3469	3481	rVB2	26013	42443	1.94%	0.281%
80	12.297	3495	3501	3504	rBV5	4051	4926	0.23%	0.033%
81	12.403	3529	3534	3541	rBV7	2116	3196	0.15%	0.021%
82	12.525	3570	3572	3574	rBV4	822	459	0.02%	0.003%
83	12.583	3587	3590	3592	rBV2	993	668	0.03%	0.004%
84	12.619	3592	3601	3612	rVV5	11481	20779	0.95%	0.137%
85	12.773	3646	3649	3652	rBV5	1152	1000	0.05%	0.007%
86	12.824	3659	3665	3679	rVB5	4444	7706	0.35%	0.051%
87	12.908	3689	3691	3694	rVB4	956	507	0.02%	0.003%
88	13.265	3799	3802	3807	rBV5	1176	1061	0.05%	0.007%
89	13.291	3808	3810	3812	rBV3	1113	535	0.02%	0.004%
90	14.287	4114	4120	4121	rBV4	1528	1615	0.07%	0.011%
91	14.474	4175	4178	4181	rBV3	1251	843	0.04%	0.006%
92	14.590	4208	4214	4226	rVB8	7078	11457	0.52%	0.076%
93	14.673	4238	4240	4243	rBV4	1306	895	0.04%	0.006%
94	14.757	4260	4266	4278	rBV3	10494	17411	0.80%	0.115%
95	15.104	4371	4374	4376	rBV4	1835	1271	0.06%	0.008%
96	15.355	4446	4452	4462	rVB2	22828	32375	1.48%	0.214%
97	15.493	4489	4495	4501	rBV8	9219	15068	0.69%	0.100%
98	15.606	4524	4530	4542	rVB2	26548	44797	2.05%	0.296%
99	15.747	4568	4574	4580	rBV2	24248	35487	1.63%	0.235%
100	16.911	4930	4936	4948	rBV2	48443	76655	3.51%	0.507%

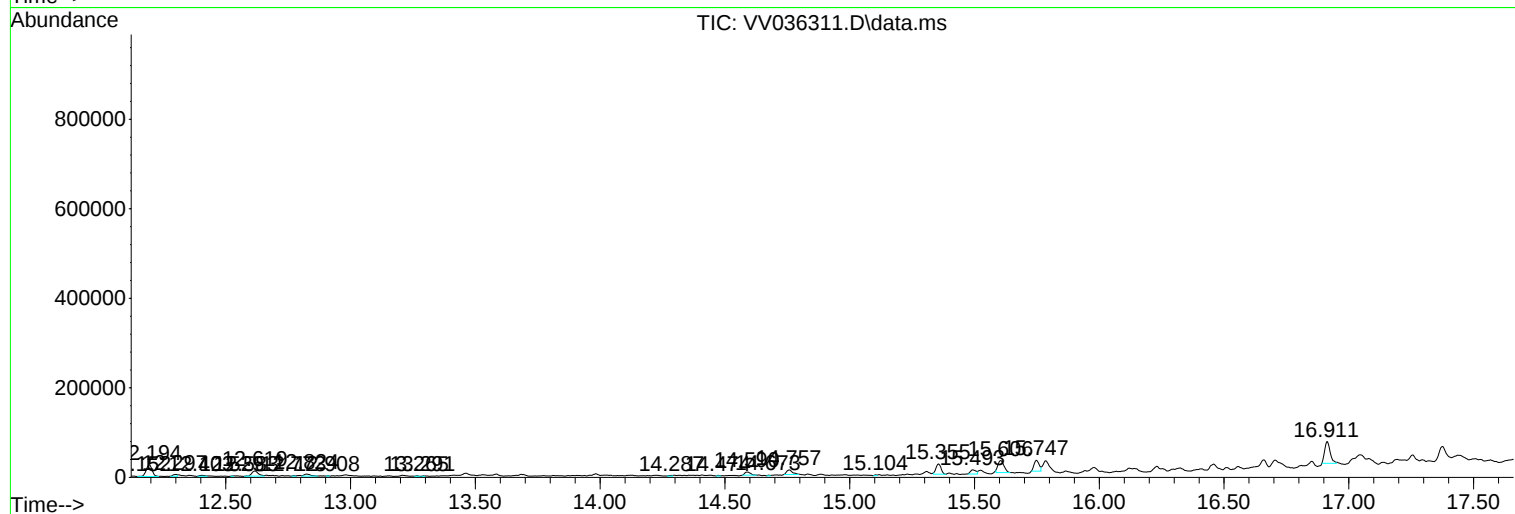
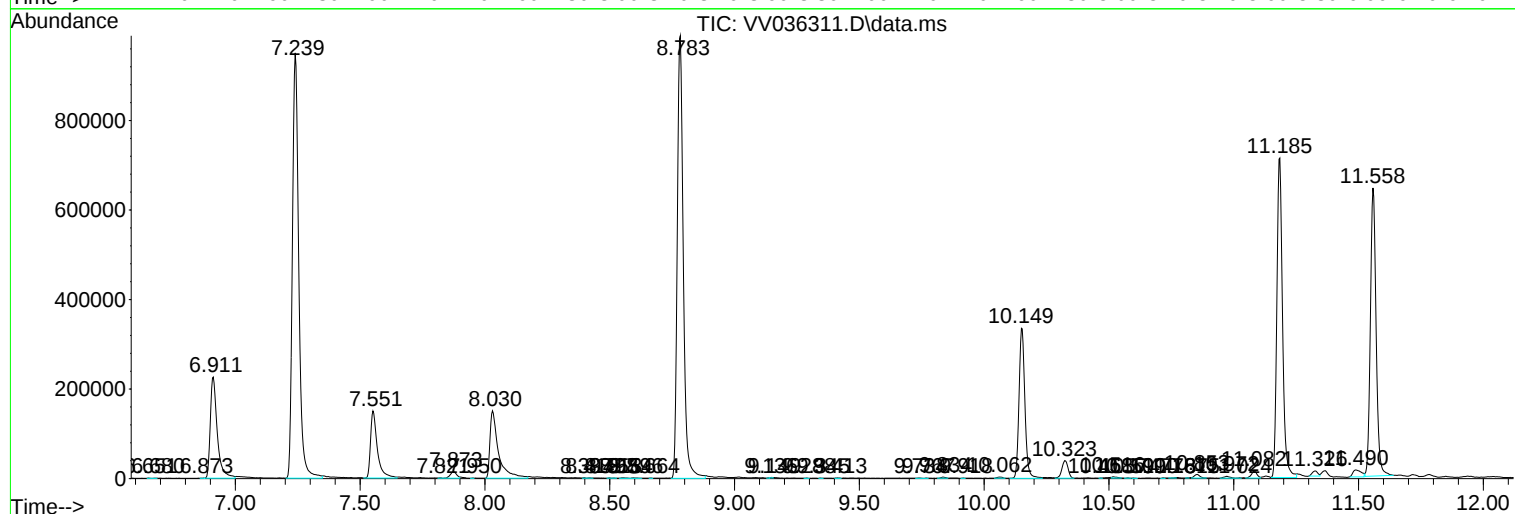
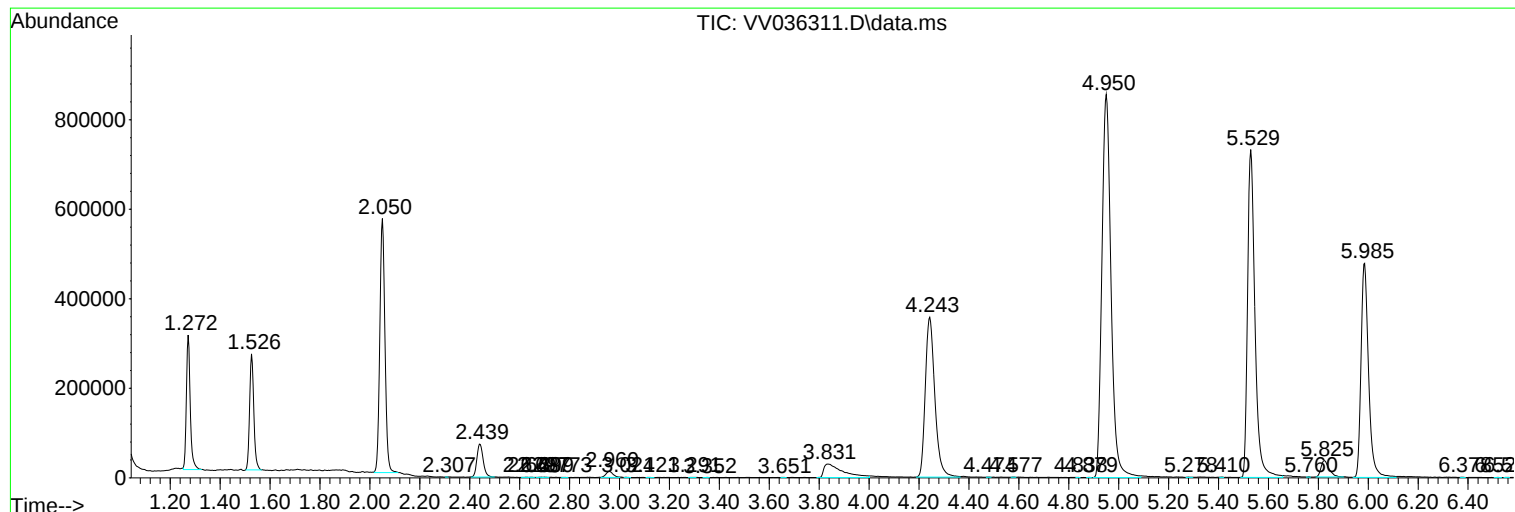
Sum of corrected areas: 15117316

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062724\
Data File : VV036311.D
Acq On : 27 Jun 2024 16:09
Operator : SY/MD
Sample : P3035-07
Misc : 5.39g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4CX3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062724\
Data File : VV036311.D
Acq On : 27 Jun 2024 16:09
Operator : SY/MD
Sample : P3035-07
Misc : 5.39g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4CX3

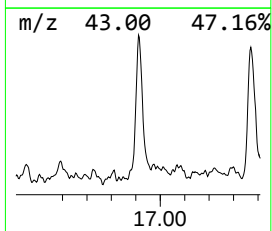
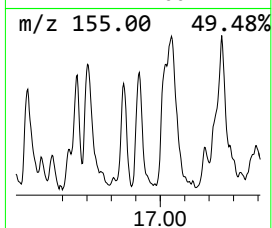
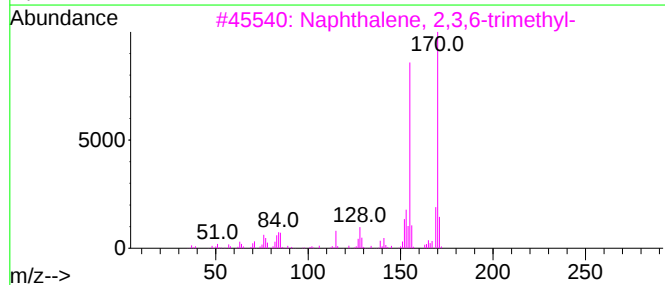
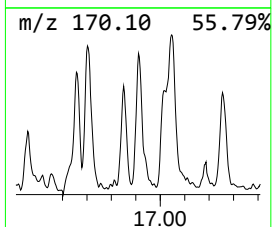
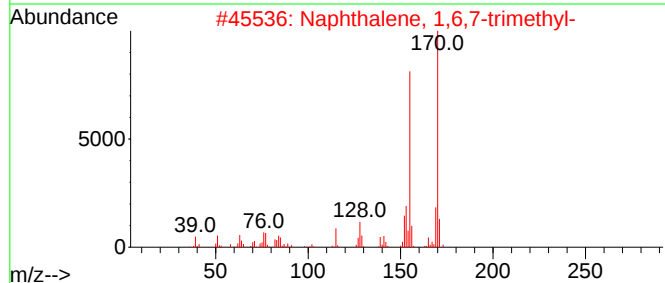
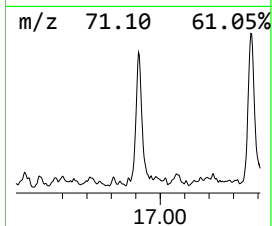
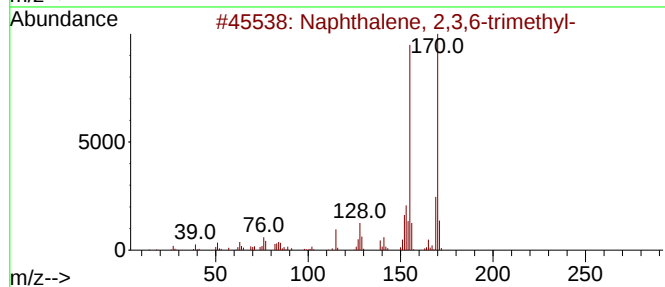
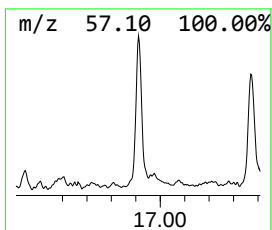
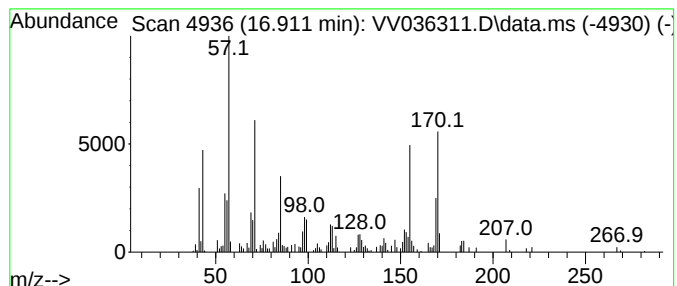
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Naphthalene, 2,3,6-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.911	1.70 ug/L	76655	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	55
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	55
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	53
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	50
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062724\
Data File : VV036311.D
Acq On : 27 Jun 2024 16:09
Operator : SY/MD
Sample : P3035-07
Misc : 5.39g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4CX3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.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
Naphthalene, 2,...	16.911	1.7	ug/L	76655	3	11.185	1127860	25.0