

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050818\
 Data File : VU023743.D
 Acq On : 08 May 2018 17:51
 Operator : MD/SY
 Sample : J2725-03DL 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.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	0.674	21	26	29	rBV	242	195	0.001%	0.0001%
2	0.773	53	57	63	rBV2	135	171	0.001%	0.0001%
3	0.953	109	113	116	rBV2	174	158	0.000%	0.0001%
4	0.989	121	124	133	rVB2	162	236	0.001%	0.0001%
5	1.089	133	155	177	rBV	1742076	1971587	58.40%	10.902%
6	1.182	180	184	191	rVV2	6562	6830	0.20%	0.0038%
7	1.291	209	218	232	rBV	21311	57128	1.69%	0.316%
8	1.397	245	251	283	rVB	215980	252805	7.49%	1.398%
9	1.680	331	339	356	rVB	149802	191835	5.68%	1.061%
10	2.185	492	496	505	rVB8	4675	7039	0.21%	0.0039%
11	2.272	512	523	536	rBV	349682	526633	15.60%	2.912%
12	2.452	573	579	581	rBV3	417	476	0.001%	0.0003%
13	2.616	624	630	631	rBV	351	372	0.001%	0.0002%
14	2.706	651	658	662	rBV3	915	1137	0.003%	0.0006%
15	2.844	691	701	705	rBV2	756	1264	0.004%	0.0007%
16	3.098	776	780	785	rVB2	240	249	0.001%	0.0001%
17	3.127	785	789	792	rBV2	170	139	0.000%	0.0001%
18	3.378	864	867	869	rBV	296	209	0.001%	0.0001%
19	3.445	885	888	891	rVB	195	149	0.000%	0.0001%
20	3.548	918	920	926	rVB2	247	146	0.000%	0.0001%
21	3.577	926	929	935	rVB	212	165	0.000%	0.0001%
22	3.680	956	961	966	rVB2	172	179	0.001%	0.0001%
23	3.732	972	977	980	rVB2	181	172	0.001%	0.0001%
24	3.889	1020	1026	1034	rVB2	232	389	0.001%	0.0002%
25	3.934	1034	1040	1045	rBV2	183	274	0.001%	0.0002%
26	4.066	1077	1081	1085	rBV	181	131	0.000%	0.0001%
27	4.178	1098	1116	1147	rBV2	140338	368789	10.92%	2.039%
28	4.391	1179	1182	1188	rBV3	445	462	0.001%	0.0003%
29	4.445	1197	1199	1203	rVB	284	206	0.001%	0.0001%
30	4.468	1203	1206	1209	rBV	239	162	0.000%	0.0001%
31	4.651	1245	1263	1285	rBV	234884	556439	16.48%	3.077%
32	4.883	1330	1335	1336	rBV	574	399	0.001%	0.0002%
33	5.211	1431	1437	1442	rBV2	148	223	0.001%	0.0001%
34	5.342	1454	1478	1487	rBV2	495589	1466583	43.44%	8.110%

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 Title : VOC Analysis

35	5.648	1561	1573	1584	rVB3	5195	10529	0.31%	0.058%
36	5.728	1594	1598	1600	rBV	249	165	0.00%	0.001%
37	5.760	1605	1608	1611	rBV2	191	135	0.00%	0.001%
38	5.796	1615	1619	1624	rVB2	305	333	0.01%	0.002%
39	5.889	1633	1648	1687	rBV	385091	781156	23.14%	4.320%
40	6.175	1732	1737	1738	rBV3	864	730	0.02%	0.004%
41	6.230	1751	1754	1757	rVB3	365	193	0.01%	0.001%
42	6.336	1771	1787	1821	rBV	328265	671815	19.90%	3.715%
43	6.699	1893	1900	1903	rBV2	155	166	0.00%	0.001%
44	6.776	1920	1924	1931	rBV	151	159	0.00%	0.001%
45	6.873	1947	1954	1960	rVB3	427	562	0.02%	0.003%
46	6.944	1970	1976	1980	rBV2	153	161	0.00%	0.001%
47	7.091	2018	2022	2025	rBV	177	138	0.00%	0.001%
48	7.233	2053	2066	2095	rBV	178246	321045	9.51%	1.775%
49	7.391	2111	2115	2117	rBV3	298	206	0.01%	0.001%
50	7.445	2126	2132	2135	rVB3	274	315	0.01%	0.002%
51	7.567	2156	2170	2184	rBV	672255	1183938	35.07%	6.547%
52	7.641	2185	2193	2225	rVB	114218	212931	6.31%	1.177%
53	7.854	2246	2259	2283	rBV	124604	212887	6.31%	1.177%
54	8.120	2339	2342	2346	rVB	205	130	0.00%	0.001%
55	8.172	2355	2358	2364	rVB3	213	238	0.01%	0.001%
56	8.214	2368	2371	2376	rVB	168	146	0.00%	0.001%
57	8.313	2390	2402	2439	rBV	472149	811093	24.02%	4.485%
58	8.715	2524	2527	2533	rVB2	182	148	0.00%	0.001%
59	8.783	2543	2548	2550	rBV	270	154	0.00%	0.001%
60	9.030	2620	2625	2627	rBV	153	152	0.00%	0.001%
61	9.095	2632	2645	2684	rVV	560367	947714	28.07%	5.241%
62	9.255	2684	2695	2711	rVB	24043	38773	1.15%	0.214%
63	9.378	2721	2733	2750	rBV	47640	79818	2.36%	0.441%
64	9.509	2771	2774	2777	rVB	229	144	0.00%	0.001%
65	9.699	2830	2833	2837	rVB	231	160	0.00%	0.001%
66	9.783	2849	2859	2876	rBV2	30538	53285	1.58%	0.295%
67	9.905	2893	2897	2902	rBV	324	414	0.01%	0.002%
68	10.030	2932	2936	2939	rBV2	307	261	0.01%	0.001%
69	10.072	2946	2949	2952	rBV	191	144	0.00%	0.001%
70	10.172	2973	2980	2988	rBV3	650	1039	0.03%	0.006%
71	10.435	3049	3062	3082	rBV	449356	718577	21.28%	3.974%

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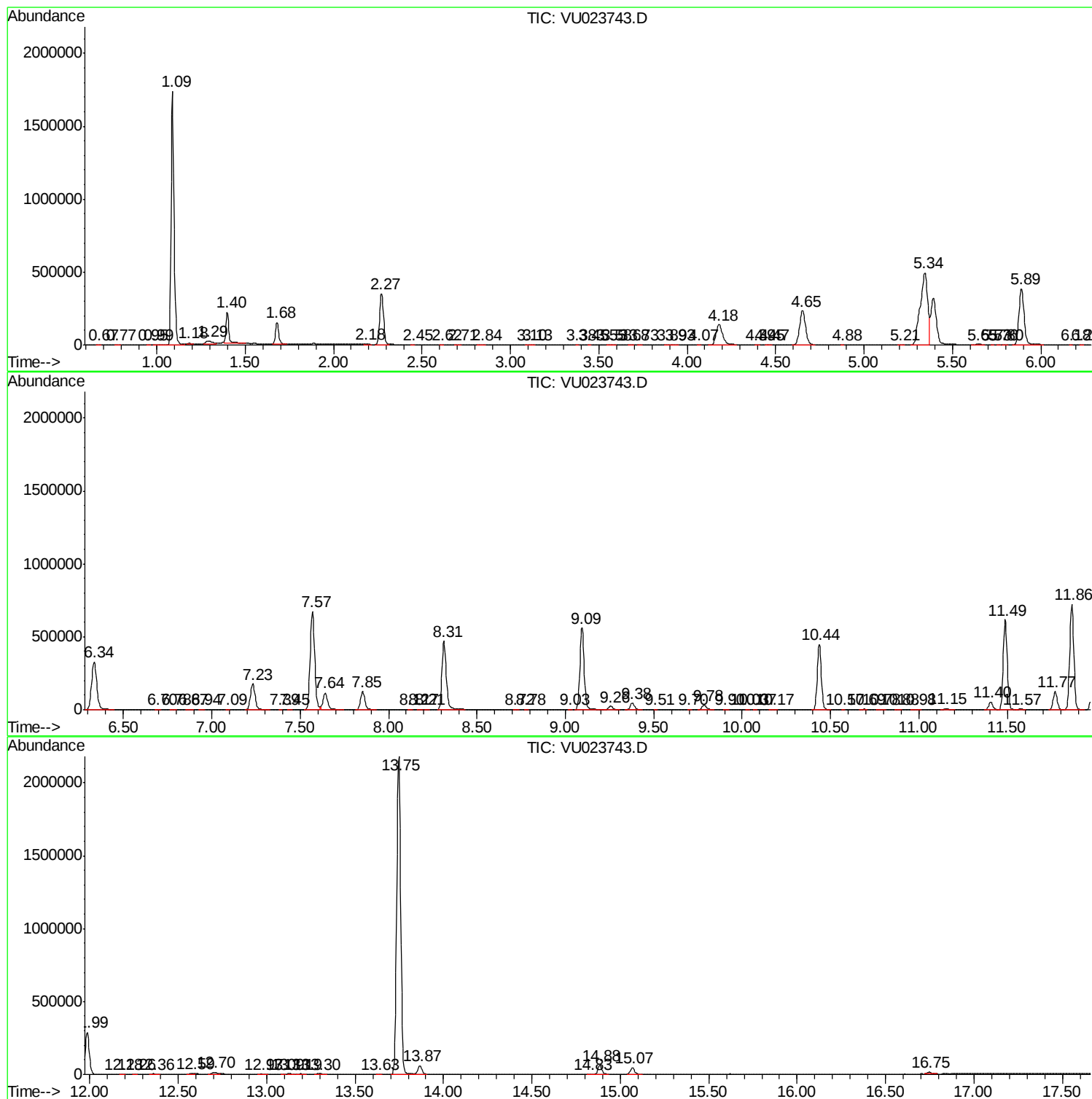
72	10.570	3101	3104	3107	rBV2	252	245	0.01%	0.001%
73	10.689	3133	3141	3145	rBV2	2918	4168	0.12%	0.023%
74	10.776	3162	3168	3179	rVB3	2587	3419	0.10%	0.019%
75	10.882	3195	3201	3206	rBV	800	875	0.03%	0.005%
76	10.979	3223	3231	3241	rBV	932	1303	0.04%	0.007%
77	11.152	3276	3285	3300	rVB2	8152	11793	0.35%	0.065%
78	11.403	3352	3363	3377	rBV	52930	85594	2.54%	0.473%
79	11.487	3377	3389	3409	rVV	619015	977316	28.95%	5.404%
80	11.574	3409	3416	3424	rVB2	3841	5841	0.17%	0.032%
81	11.770	3465	3477	3493	rBV	124109	190787	5.65%	1.055%
82	11.863	3493	3506	3528	rBV	724798	1146420	33.96%	6.339%
83	11.985	3531	3544	3565	rBV	290084	460688	13.65%	2.547%
84	12.178	3600	3604	3610	rBV2	426	600	0.02%	0.003%
85	12.255	3624	3628	3631	rBV	503	458	0.01%	0.003%
86	12.358	3653	3660	3671	rVB3	3612	4596	0.14%	0.025%
87	12.586	3719	3731	3733	rBV3	8101	13440	0.40%	0.074%
88	12.702	3757	3767	3777	rBV2	14600	27630	0.82%	0.153%
89	12.969	3844	3850	3861	rVB5	2517	3357	0.10%	0.019%
90	13.094	3884	3889	3892	rBV5	1412	1557	0.05%	0.009%
91	13.127	3895	3899	3909	rVB3	5064	6397	0.19%	0.035%
92	13.191	3911	3919	3928	rVB5	2634	4078	0.12%	0.023%
93	13.297	3944	3952	3964	rVB5	5165	8290	0.25%	0.046%
94	13.631	4051	4056	4061	rBV3	605	734	0.02%	0.004%
95	13.747	4078	4092	4117	rBV	2179947	3376139	100.00%	18.669%
96	13.866	4119	4129	4140	rVB	58166	91530	2.71%	0.506%
97	14.834	4422	4430	4435	rBV4	1183	2042	0.06%	0.011%
98	14.882	4435	4445	4461	rVV	61228	98025	2.90%	0.542%
99	15.069	4493	4503	4520	rVB2	44893	72213	2.14%	0.399%
100	16.747	5017	5025	5038	rVB2	12955	21400	0.63%	0.118%

Sum of corrected areas: 18084220

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Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Quant Title : VOC Analysis

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



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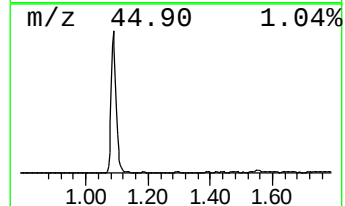
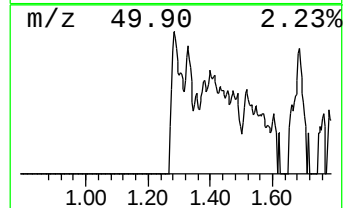
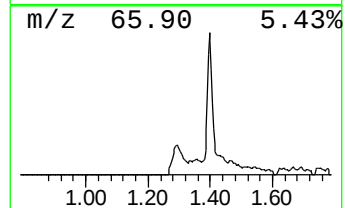
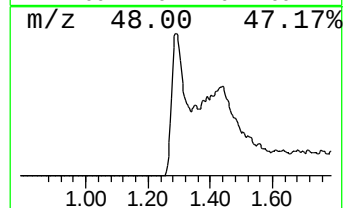
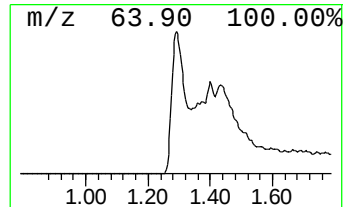
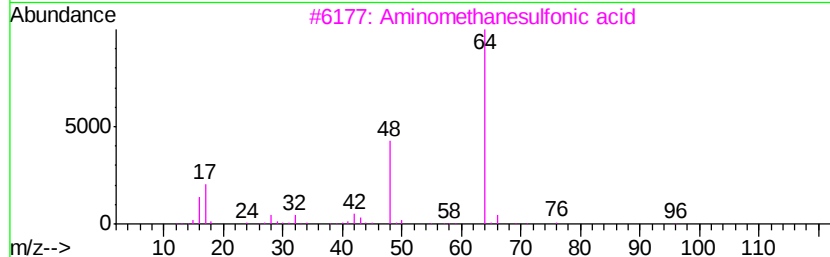
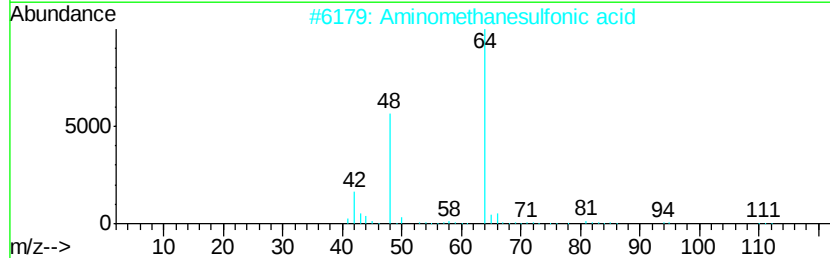
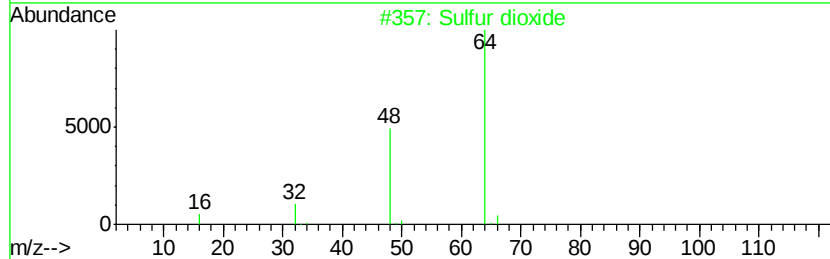
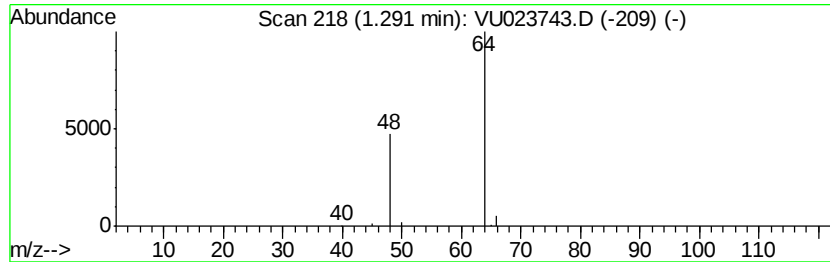
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Sulfur dioxide Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.29	3.66 ug/L	57128	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfur dioxide	64	O2S	007446-09-5	90
2		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
3		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
4		L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5		Sulfur dioxide	64	O2S	007446-09-5	5



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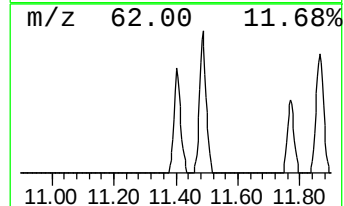
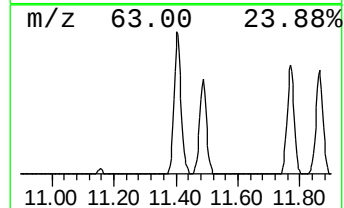
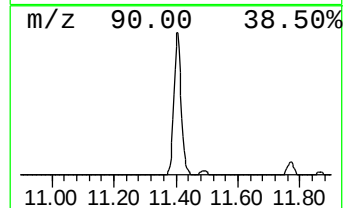
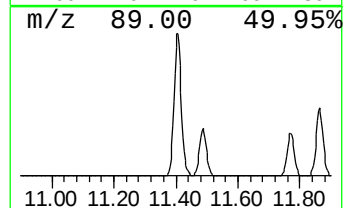
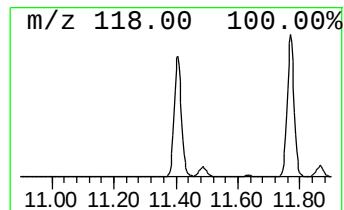
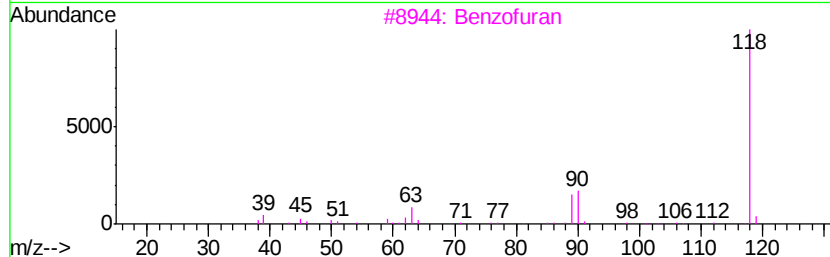
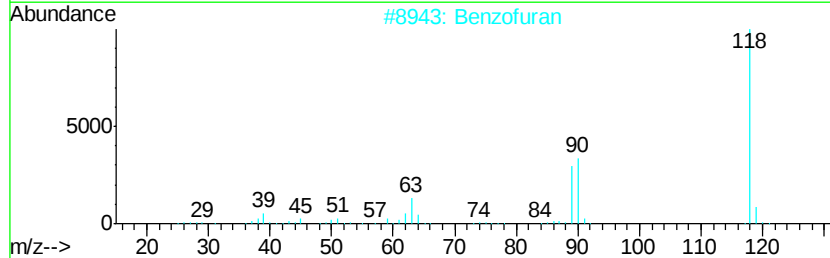
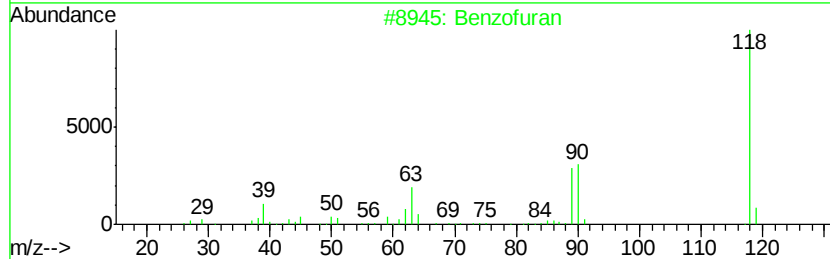
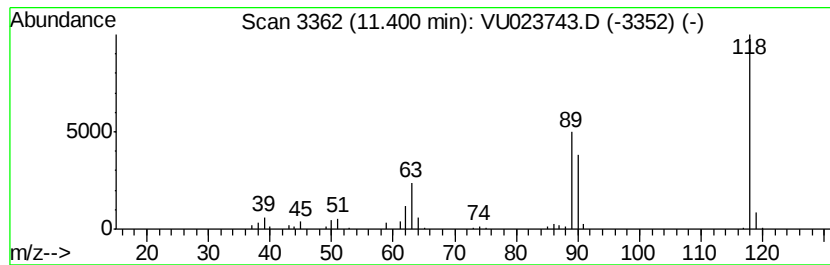
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Benzofuran Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	4.38 ug/L	85594	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran	118	C8H6O	000271-89-6	90
2		Benzofuran	118	C8H6O	000271-89-6	87
3		Benzofuran	118	C8H6O	000271-89-6	80
4		3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	64
5		1H-Pyrrolo[2,3-b]pyridine	118	C7H6N2	000271-63-6	35



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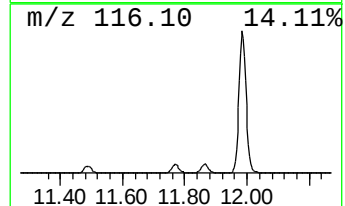
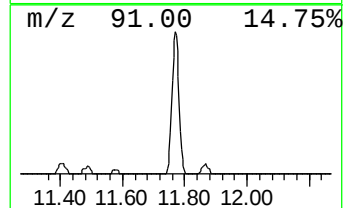
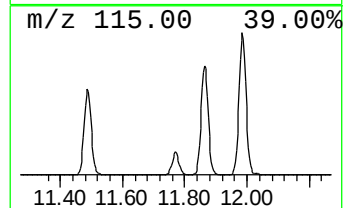
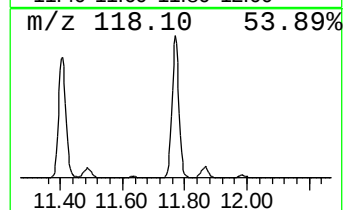
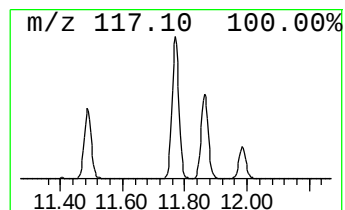
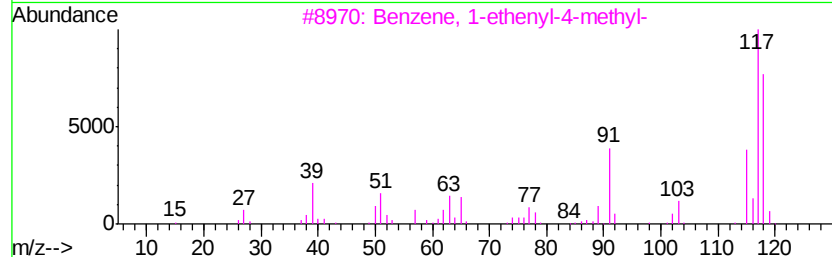
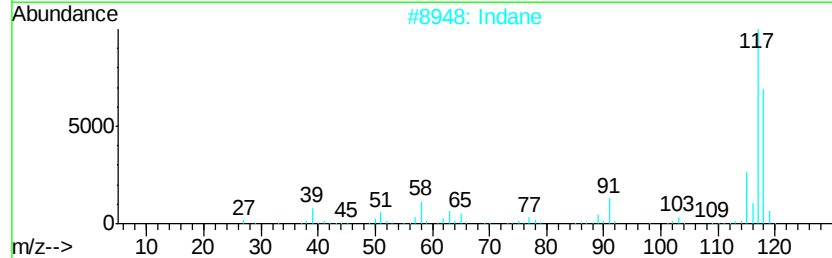
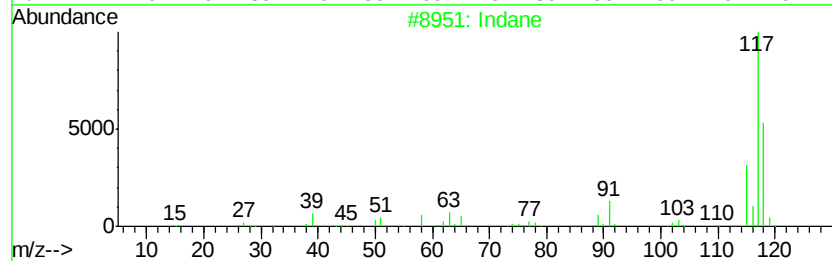
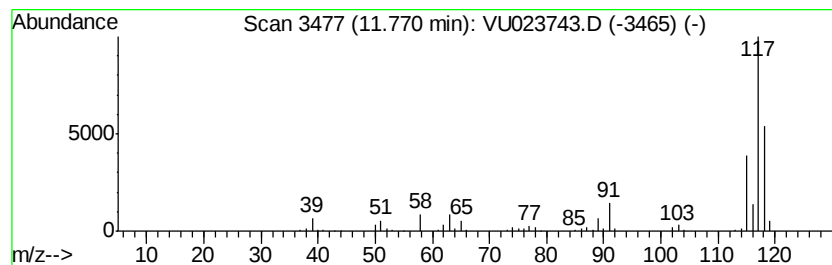
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Quant Title : VOC Analysis

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

Peak Number 5 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	9.76 ug/L	190787	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	95
2		Indane	118	C9H10	000496-11-7	94
3		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	68
4		trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	64
5		7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	64



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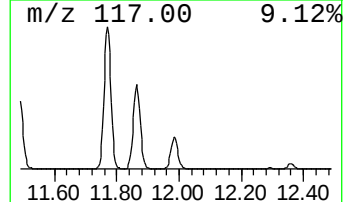
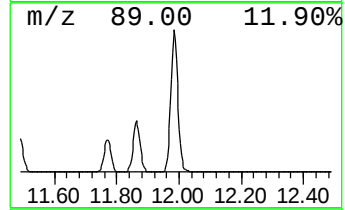
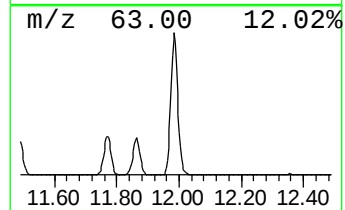
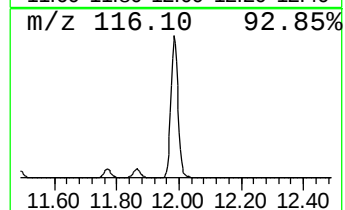
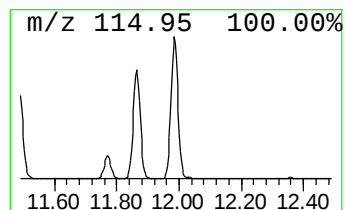
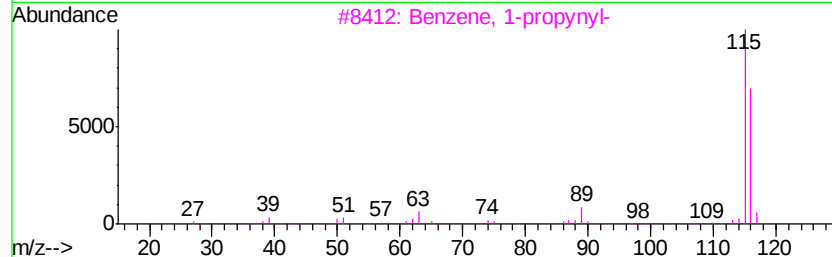
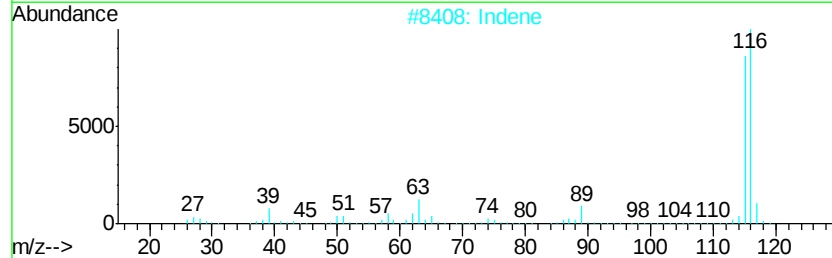
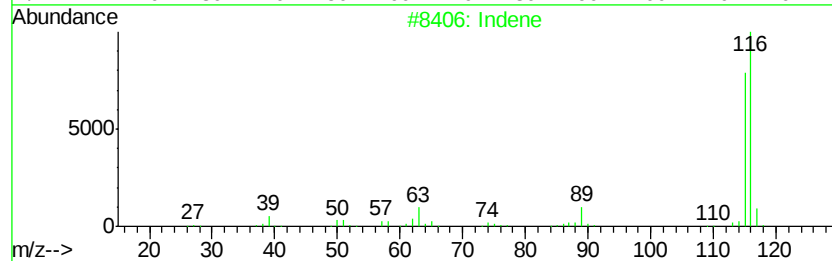
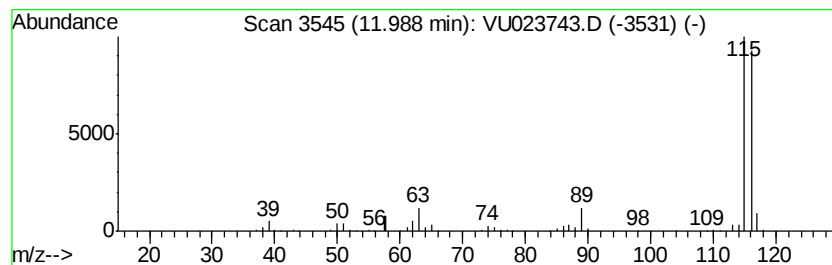
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Quant Title : VOC Analysis

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

Peak Number 6 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	23.57 ug/L	460688	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	97
2		Indene	116	C9H8	000095-13-6	95
3		Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4		Indene	116	C9H8	000095-13-6	94
5		3-Methylphenylacetylene	116	C9H8	000766-82-5	91



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050818\
Data File : VU023743.D
Acq On : 08 May 2018 17:51
Operator : MD/SY
Sample : J2725-03DL 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

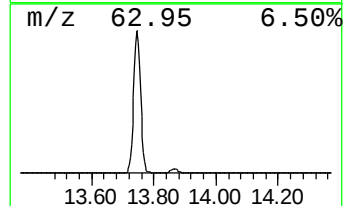
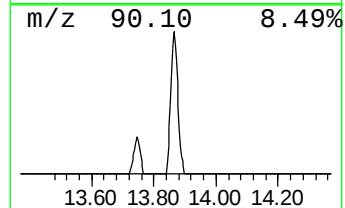
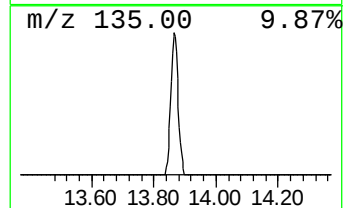
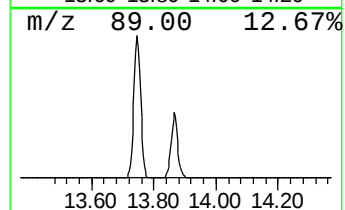
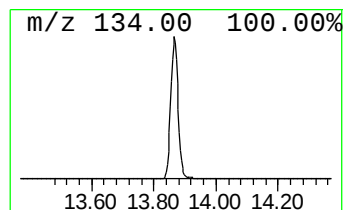
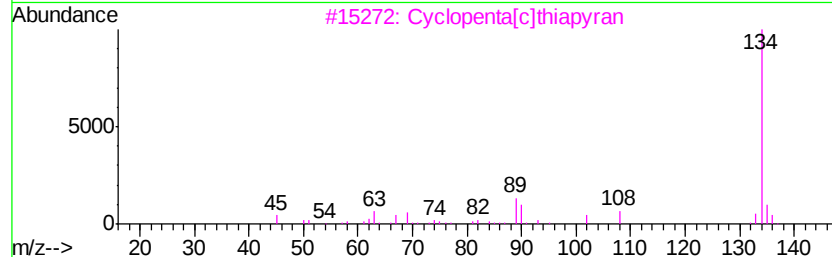
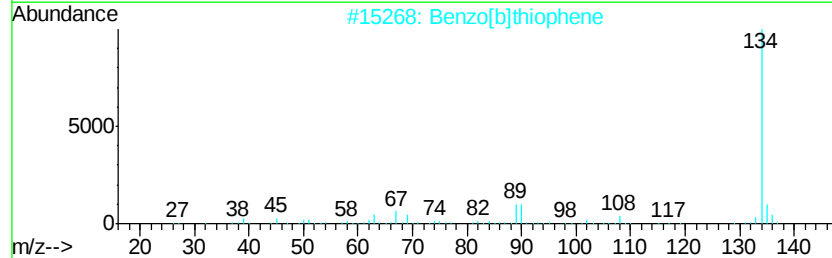
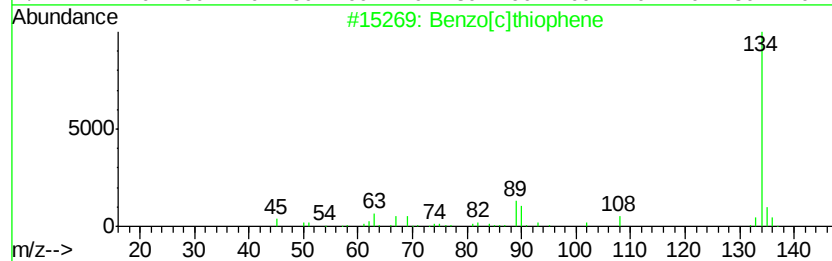
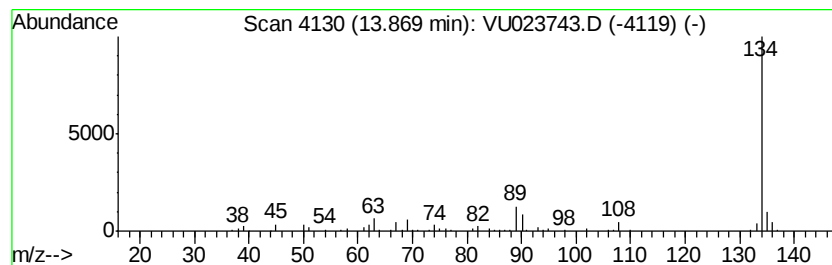
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Quant Title : VOC Analysis

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

Peak Number 8 Benzo[c]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	4.68 ug/L	91530	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2		Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3		Cyclopenta[c]thiopyran	134	C8H6S	000270-63-3	94
4		Benzo[b]thiophene	134	C8H6S	000095-15-8	94
5		Benzo[b]thiophene	134	C8H6S	000095-15-8	49



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050818\
Data File : VU023743.D
Acq On : 08 May 2018 17:51
Operator : MD/SY
Sample : J2725-03DL 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

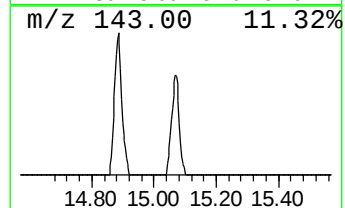
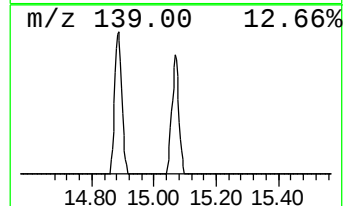
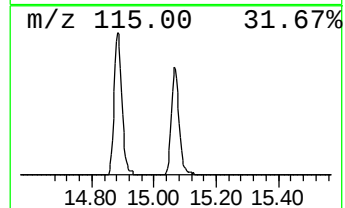
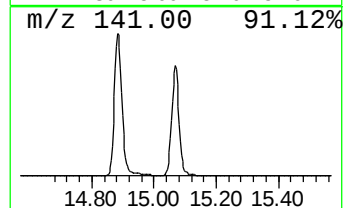
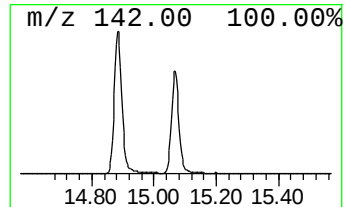
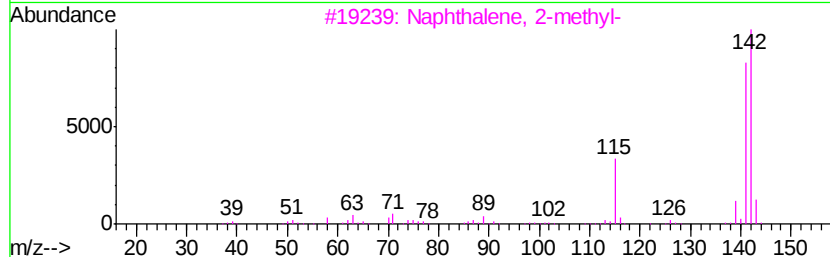
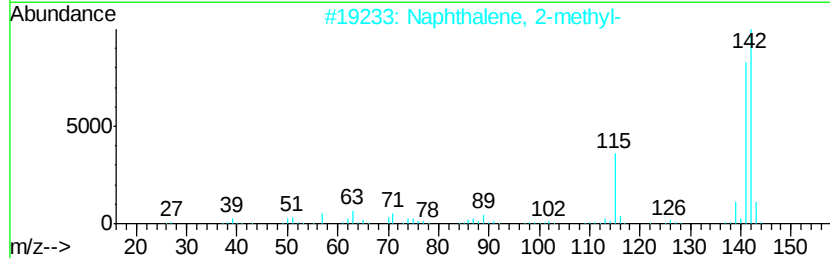
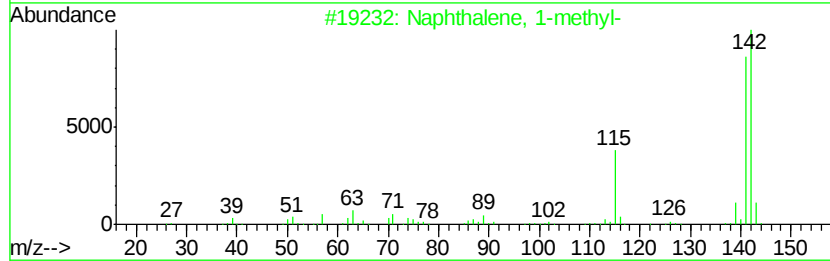
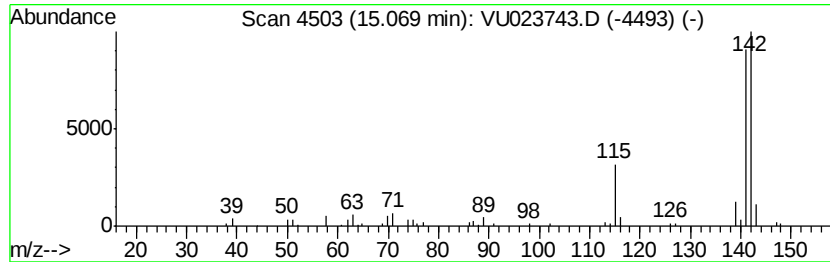
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Quant Title : VOC Analysis

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	3.69 ug/L	72213	1,4-Dichlorobenzene-d4	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91
5			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050818\
Data File : VU023743.D
Acq On : 08 May 2018 17:51
Operator : MD/SY
Sample : J2725-03DL 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.29	3.7	ug/L	57128	1	5.89	781156	50.0
Benzofuran	11.40	4.4	ug/L	85594	3	11.49	977316	50.0
Indane	11.77	9.8	ug/L	190787	3	11.49	977316	50.0
Indene	11.99	23.6	ug/L	460688	3	11.49	977316	50.0
Benzo[c]thiophene	13.87	4.7	ug/L	91530	3	11.49	977316	50.0
Naphthalene, 1-me...	15.07	3.7	ug/L	72213	3	11.49	977316	50.0