

Data Path : W:\HPCHEM1\MSVOA U\Data\VU050818\
 Data File : VU023744.D
 Acq On : 08 May 2018 18:17
 Operator : MD/SY
 Sample : J2725-05DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 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	0.670	19	25	28	rVB2	164	161	0.00%	0.000%
2	1.088	137	155	179	rBV	869520	989498	3.72%	2.148%
3	1.182	180	184	196	rVV2	7474	10770	0.04%	0.023%
4	1.294	209	219	227	rBV	23119	52925	0.20%	0.115%
5	1.397	245	251	278	rVB	192540	223933	0.84%	0.486%
6	1.680	332	339	359	rVB	137282	176310	0.66%	0.383%
7	2.272	511	523	536	rBV	312095	474400	1.78%	1.030%
8	2.455	573	580	581	rBV4	595	670	0.00%	0.001%
9	2.477	581	587	596	rVB2	2014	3591	0.01%	0.008%
10	2.699	652	656	664	rVB5	1284	1641	0.01%	0.004%
11	3.420	877	880	885	rVB2	216	212	0.00%	0.000%
12	3.805	996	1000	1004	rVV4	411	375	0.00%	0.001%
13	4.053	1072	1077	1083	rBV2	201	207	0.00%	0.000%
14	4.178	1100	1116	1145	rBV	126561	329339	1.24%	0.715%
15	4.381	1175	1179	1181	rBV	436	365	0.00%	0.001%
16	4.506	1216	1218	1222	rVB2	306	213	0.00%	0.000%
17	4.535	1222	1227	1231	rBV2	288	350	0.00%	0.001%
18	4.651	1245	1263	1290	rBV	213549	504486	1.89%	1.095%
19	4.882	1330	1335	1342	rBV2	674	1090	0.00%	0.002%
20	4.979	1363	1365	1366	rBV	421	179	0.00%	0.000%
21	5.111	1398	1406	1414	rBV2	216	359	0.00%	0.001%
22	5.156	1414	1420	1423	rBV	297	262	0.00%	0.001%
23	5.342	1454	1478	1487	rBV2	446643	1323422	4.97%	2.873%
24	5.648	1563	1573	1587	rVB3	3871	8550	0.03%	0.019%
25	5.889	1633	1648	1669	rBV	400684	796540	2.99%	1.729%
26	6.233	1751	1755	1758	rVB3	261	185	0.00%	0.000%
27	6.336	1771	1787	1812	rBV	295706	601651	2.26%	1.306%
28	6.513	1839	1842	1847	rVB3	481	364	0.00%	0.001%
29	6.542	1848	1851	1857	rVB	159	165	0.00%	0.000%
30	6.619	1870	1875	1878	rVV2	155	162	0.00%	0.000%
31	6.654	1883	1886	1894	rVB2	241	316	0.00%	0.001%
32	6.770	1918	1922	1926	rBV2	210	215	0.00%	0.000%
33	6.943	1972	1976	1979	rBV	190	165	0.00%	0.000%
34	7.130	2027	2034	2040	rBV2	182	224	0.00%	0.000%

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

35	7.172	2044	2047	2053	rBV2	181	212	0.00%	0.000%
36	7.230	2053	2065	2096	rBV	160202	288800	1.08%	0.627%
37	7.390	2113	2115	2122	rVB2	333	256	0.00%	0.001%
38	7.570	2152	2171	2182	rBV	606722	1055324	3.96%	2.291%
39	7.641	2182	2193	2226	rVB	542343	980546	3.68%	2.129%
40	7.853	2248	2259	2279	rBV	110725	185411	0.70%	0.403%
41	7.943	2284	2287	2299	rVB3	3480	4867	0.02%	0.011%
42	8.313	2389	2402	2441	rBV	419150	726986	2.73%	1.578%
43	8.828	2558	2562	2564	rBV	320	247	0.00%	0.001%
44	9.095	2631	2645	2683	rBV	584698	987633	3.71%	2.144%
45	9.255	2683	2695	2716	rVV	102866	168421	0.63%	0.366%
46	9.377	2719	2733	2762	rVB	262749	436279	1.64%	0.947%
47	9.541	2780	2784	2785	rBV2	1140	772	0.00%	0.002%
48	9.664	2818	2822	2825	rBV2	188	176	0.00%	0.000%
49	9.738	2841	2845	2849	rBV3	710	915	0.00%	0.002%
50	9.783	2849	2859	2877	rVB	137689	221461	0.83%	0.481%
51	9.873	2884	2887	2893	rVB2	214	158	0.00%	0.000%
52	10.017	2927	2932	2936	rBV2	572	516	0.00%	0.001%
53	10.062	2941	2946	2949	rBV2	249	265	0.00%	0.001%
54	10.172	2971	2980	2990	rVB2	5126	7366	0.03%	0.016%
55	10.435	3049	3062	3082	rBV	411611	647602	2.43%	1.406%
56	10.596	3103	3112	3121	rBV2	2028	3511	0.01%	0.008%
57	10.686	3129	3140	3158	rBV	26233	59530	0.22%	0.129%
58	10.776	3158	3168	3183	rVB	21429	32595	0.12%	0.071%
59	10.979	3222	3231	3242	rVB	6803	10164	0.04%	0.022%
60	11.030	3242	3247	3252	rBV2	617	791	0.00%	0.002%
61	11.152	3275	3285	3301	rBV	50968	76927	0.29%	0.167%
62	11.403	3351	3363	3377	rBV	270645	425743	1.60%	0.924%
63	11.487	3377	3389	3407	rVV	688102	1068854	4.01%	2.320%
64	11.574	3407	3416	3426	rVV	22752	33578	0.13%	0.073%
65	11.770	3464	3477	3493	rBV	654781	1009729	3.79%	2.192%
66	11.863	3494	3506	3526	rVB	674005	1059545	3.98%	2.300%
67	11.985	3531	3544	3563	rBV	537335	834421	3.13%	1.811%
68	12.146	3591	3594	3596	rBV3	652	470	0.00%	0.001%
69	12.255	3622	3628	3634	rBV2	3220	4009	0.02%	0.009%
70	12.291	3634	3639	3647	rVV5	2178	3033	0.01%	0.007%
71	12.358	3651	3660	3672	rVB	23262	35052	0.13%	0.076%

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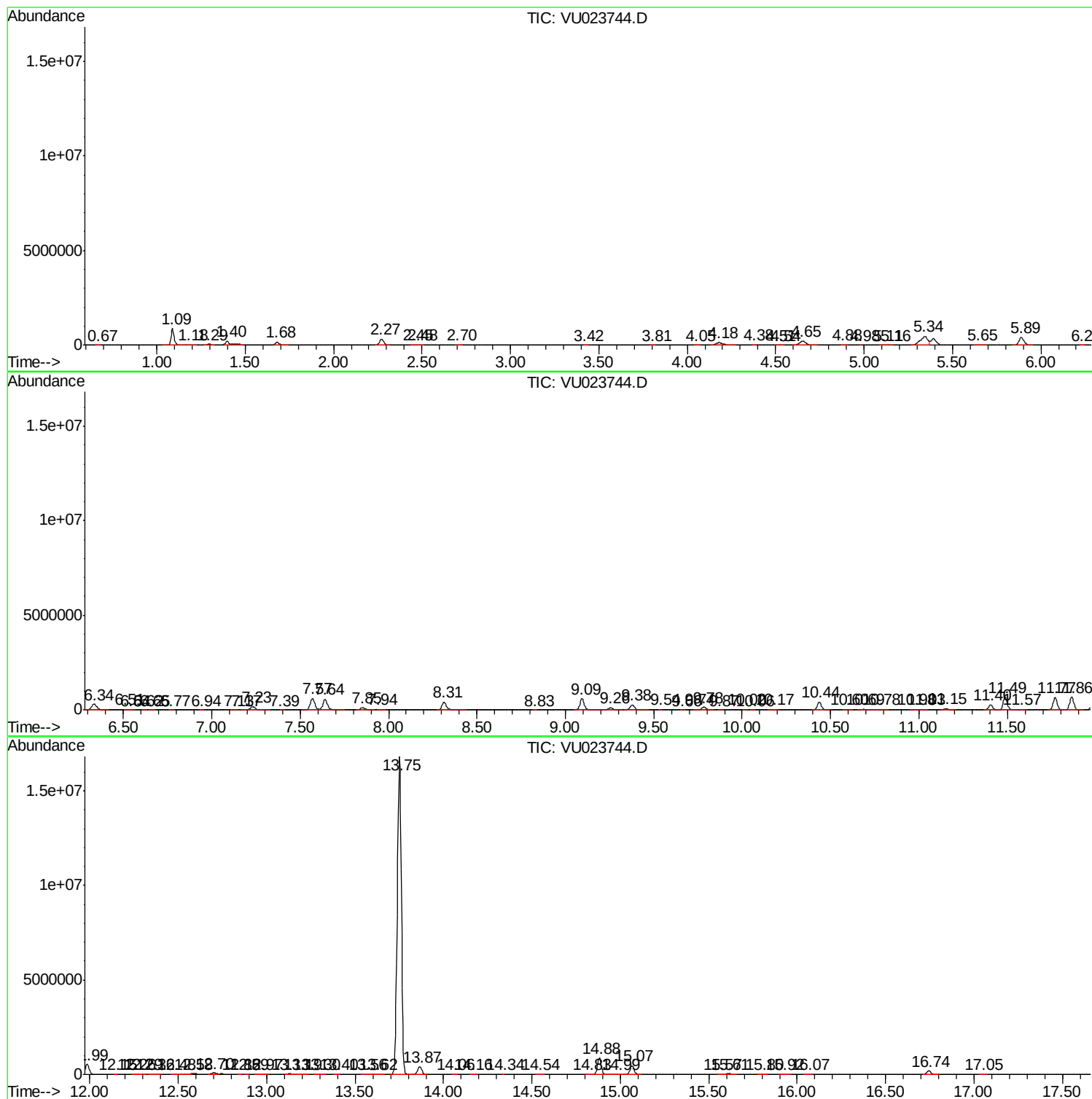
72	12.480	3690	3698	3715	rVB5	3149	5296	0.02%	0.011%
73	12.577	3716	3728	3729	rBV	27564	34900	0.13%	0.076%
74	12.699	3756	3766	3775	rBV	79658	148345	0.56%	0.322%
75	12.847	3809	3812	3815	rBV	322	219	0.00%	0.000%
76	12.892	3821	3826	3829	rBV3	660	726	0.00%	0.002%
77	12.969	3839	3850	3861	rBV	21828	32460	0.12%	0.070%
78	13.127	3891	3899	3910	rVB2	33658	51424	0.19%	0.112%
79	13.191	3911	3919	3933	rVB2	9156	13521	0.05%	0.029%
80	13.297	3942	3952	3963	rBV3	21543	33390	0.13%	0.072%
81	13.397	3976	3983	3988	rBV5	702	1003	0.00%	0.002%
82	13.561	4025	4034	4045	rBV5	1663	3488	0.01%	0.008%
83	13.618	4045	4052	4066	rVB6	2075	3945	0.01%	0.009%
84	13.750	4077	4093	4115	rBV	16825549	26628246	100.00%	57.808%
85	13.866	4118	4129	4140	rBV	414119	653665	2.45%	1.419%
86	14.059	4185	4189	4195	rVB6	1240	1529	0.01%	0.003%
87	14.159	4216	4220	4229	rVB4	1695	2138	0.01%	0.005%
88	14.339	4273	4276	4277	rBV2	694	469	0.00%	0.001%
89	14.541	4332	4339	4347	rVB4	3379	4224	0.02%	0.009%
90	14.827	4420	4428	4433	rBV2	8583	11365	0.04%	0.025%
91	14.882	4433	4445	4470	rVB	883177	1328994	4.99%	2.885%
92	14.995	4472	4480	4490	rVB2	10699	16400	0.06%	0.036%
93	15.065	4490	4502	4517	rBV	464704	726147	2.73%	1.576%
94	15.567	4653	4658	4662	rBV3	2291	2902	0.01%	0.006%
95	15.612	4664	4672	4685	rVB	47457	71744	0.27%	0.156%
96	15.805	4723	4732	4740	rBV2	17914	28046	0.11%	0.061%
97	15.921	4760	4768	4780	rVB3	15020	25038	0.09%	0.054%
98	16.065	4804	4813	4819	rBV2	21313	32141	0.12%	0.070%
99	16.744	5013	5024	5041	rBV	190704	308150	1.16%	0.669%
100	17.046	5112	5118	5127	rVB2	11964	17826	0.07%	0.039%

Sum of corrected areas: 46063201

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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



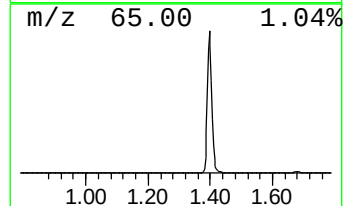
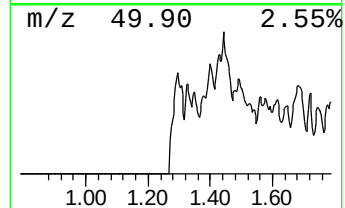
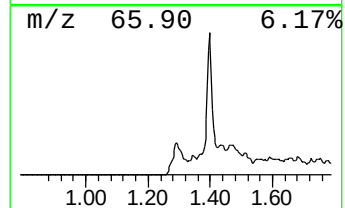
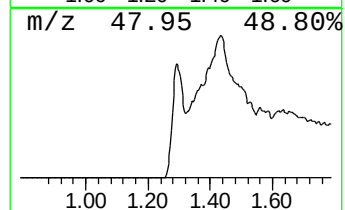
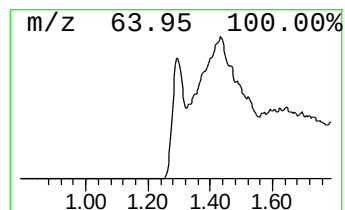
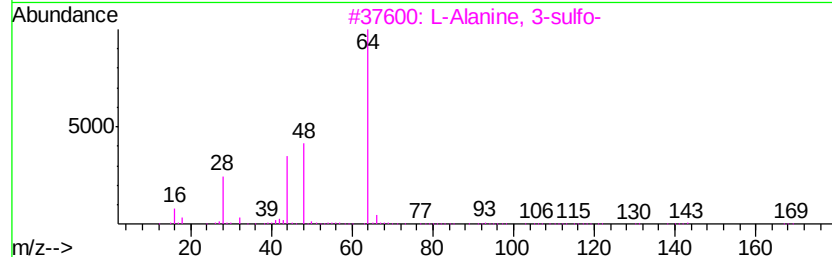
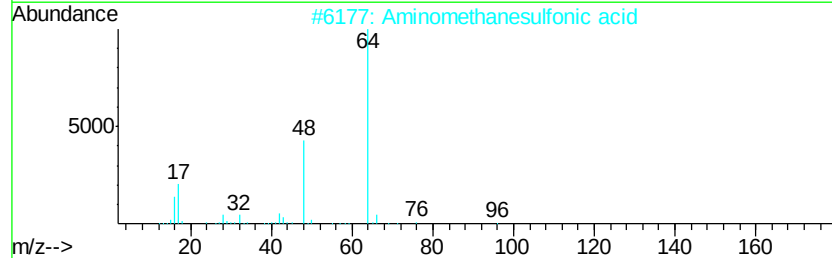
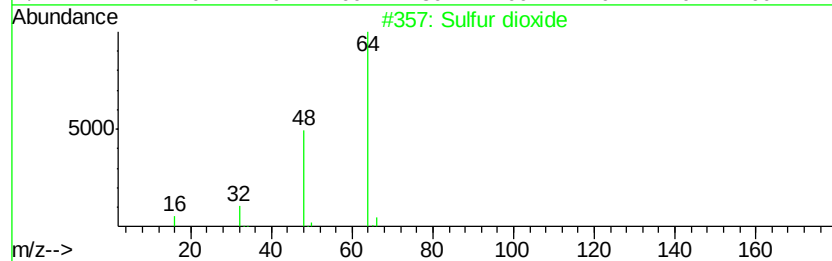
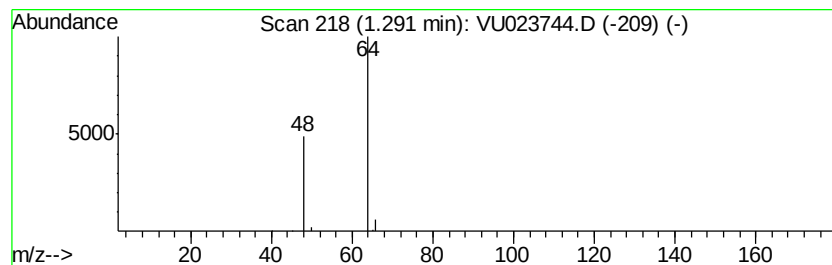
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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

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

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

Peak Number 2 Sulfur dioxide Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.29	3.32 ug/L	52925	1,4-Difluorobenzene	5.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Sulfur dioxide	64 O2S	007446-09-5	90
2	Aminomethanesulfonic acid	111 CH5NO3S	013881-91-9	64
3	L-Alanine, 3-sulfo-	169 C3H7NO5S	000498-40-8	9
4	Sulfur dioxide	64 O2S	007446-09-5	5
5	Ethene, 1,1-difluoro-	64 C2H2F2	000075-38-7	4



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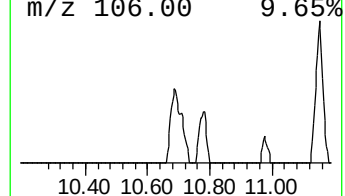
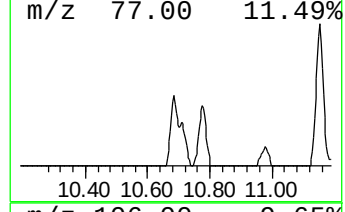
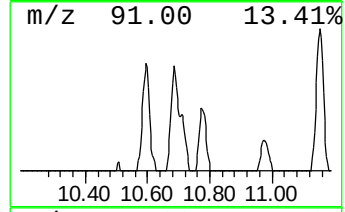
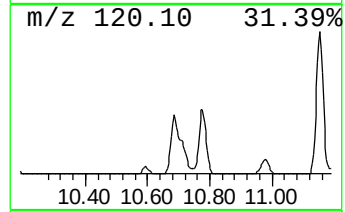
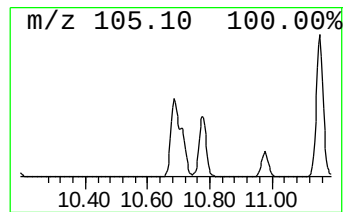
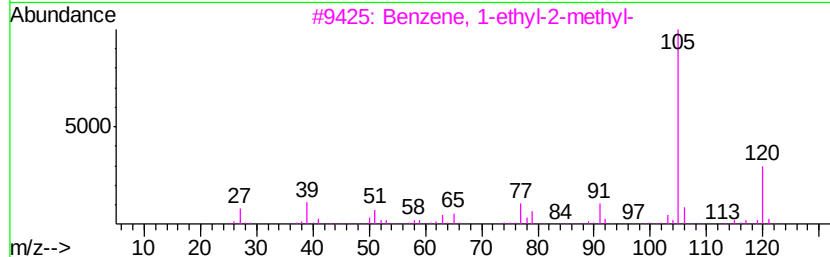
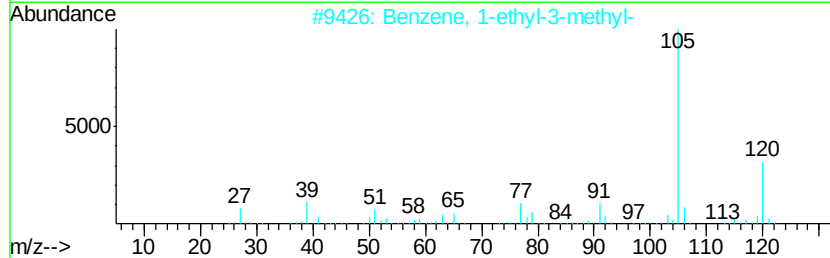
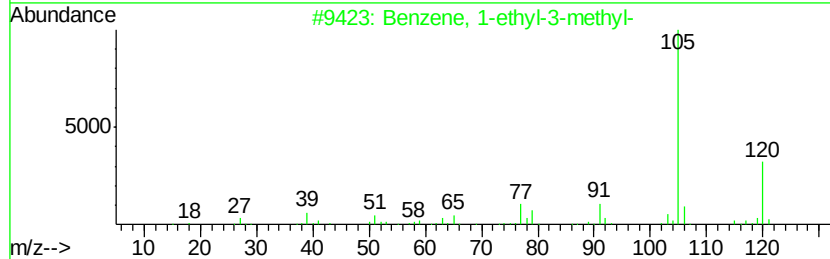
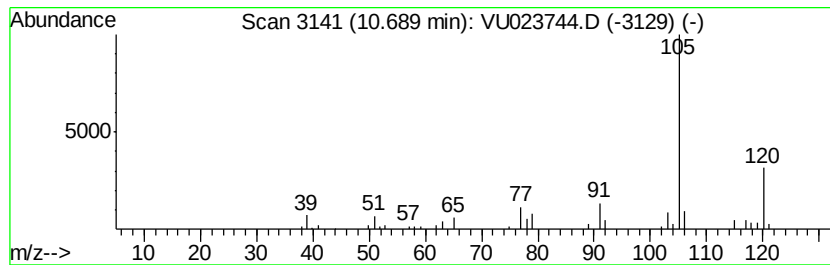
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	2.78 ug/L	59530	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



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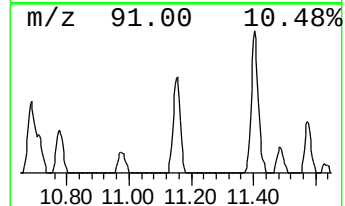
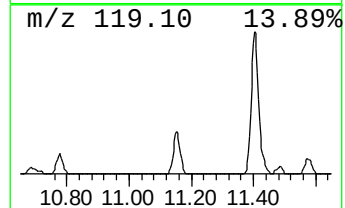
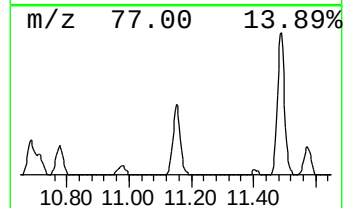
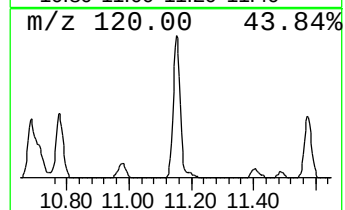
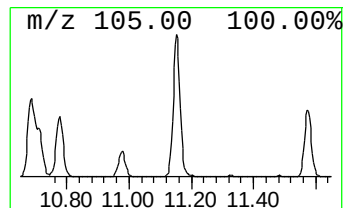
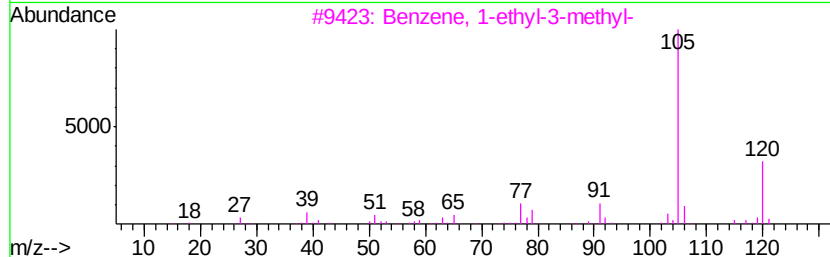
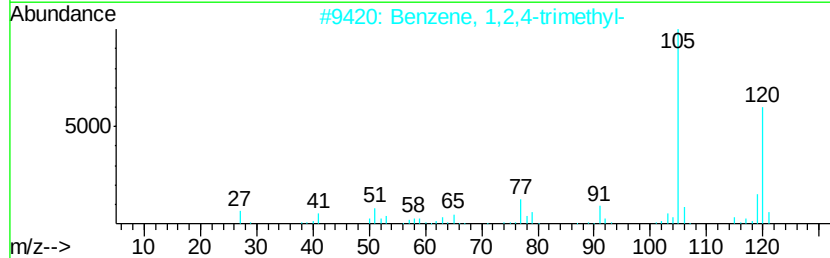
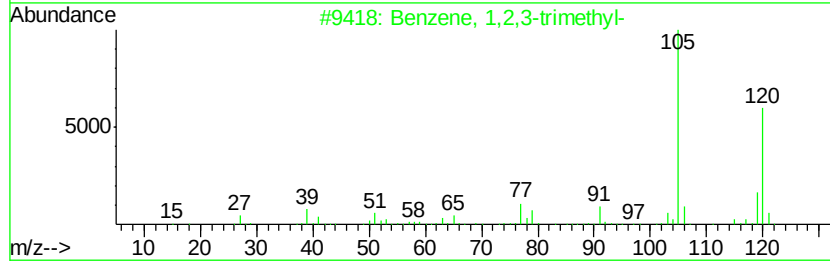
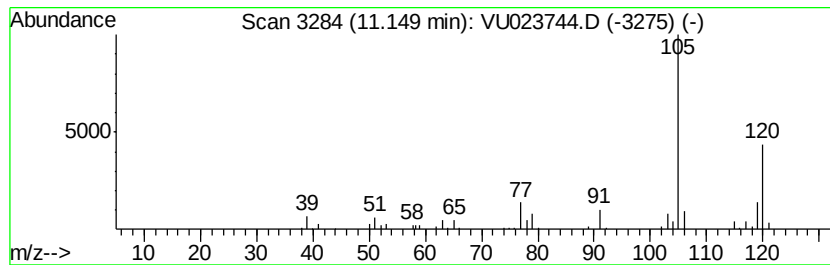
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Quant Title : VOC Analysis

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

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	3.60 ug/L	76927	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5		Mesitylene	120	C9H12	000108-67-8	91



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ALS Vial : 20 Sample Multiplier: 1

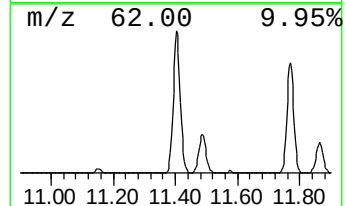
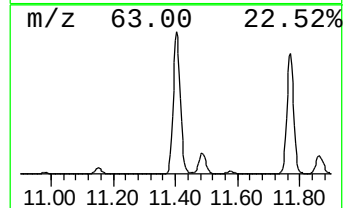
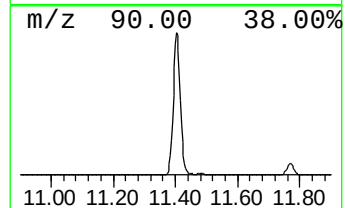
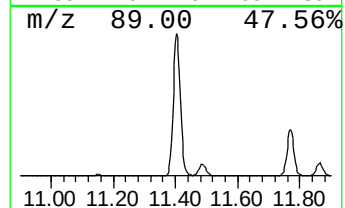
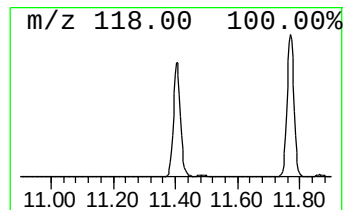
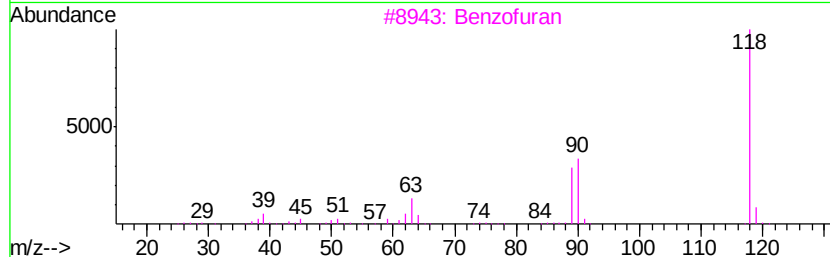
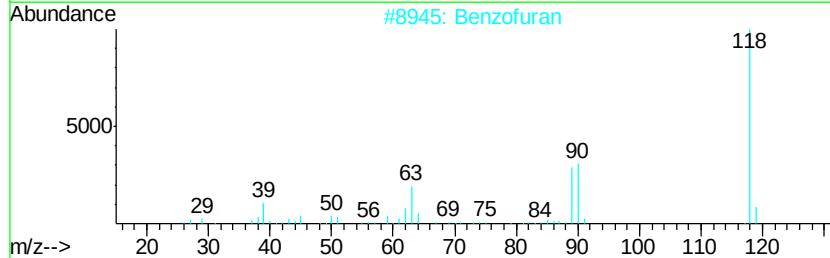
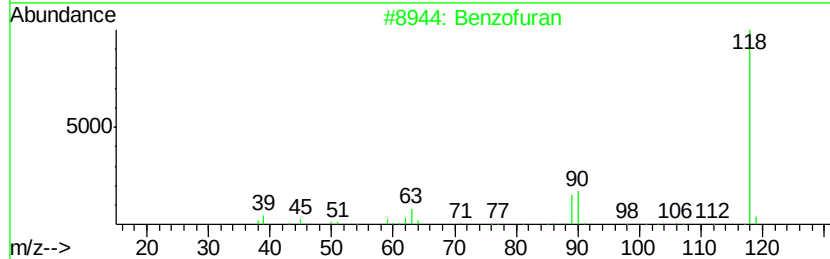
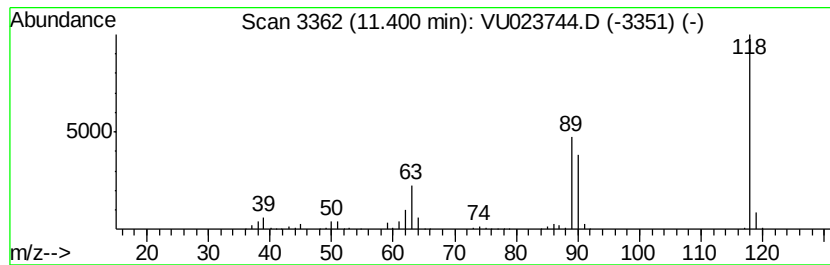
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Quant Title : VOC Analysis

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

Peak Number 6 Benzofuran Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	19.92 ug/L	425743	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran	118	C8H6O	000271-89-6	91
2		Benzofuran	118	C8H6O	000271-89-6	90
3		Benzofuran	118	C8H6O	000271-89-6	87
4		3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	87
5		2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	64



Data Path : W:\HPCHEM1\MSVOA U\Data\VU050818\
Data File : VU023744.D
Acq On : 08 May 2018 18:17
Operator : MD/SY
Sample : J2725-05DL 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

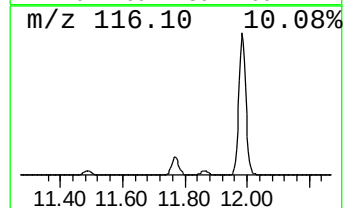
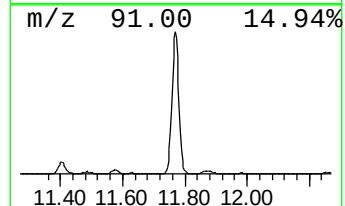
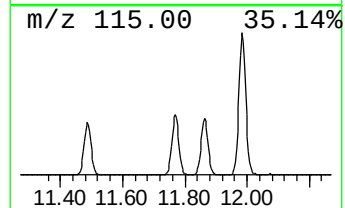
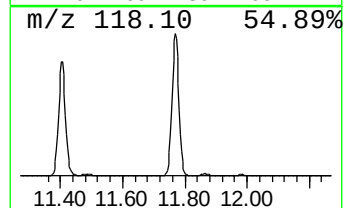
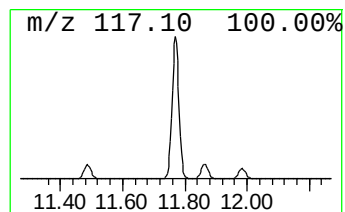
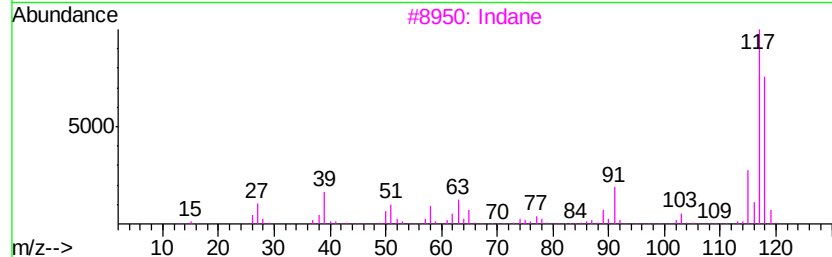
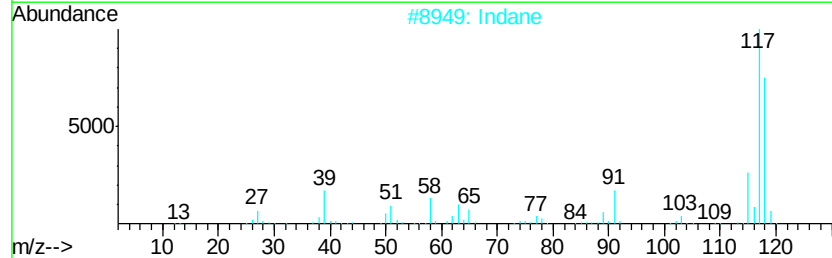
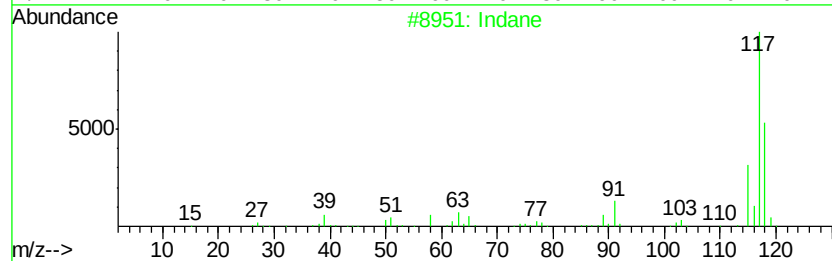
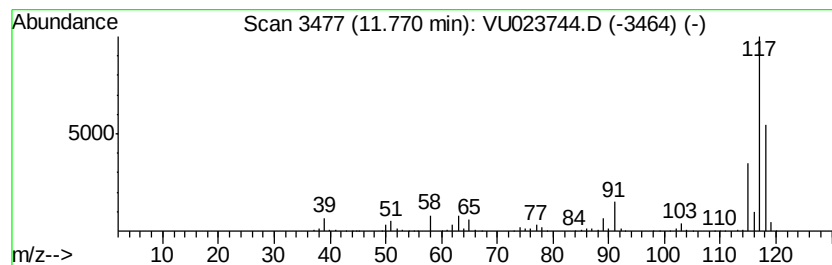
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Quant Title : VOC Analysis

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

Peak Number 7 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	47.23 ug/L	1009730	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	91
3		Indane	118	C9H10	000496-11-7	90
4		Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	83
5		Benzene, 2-propenyl-	118	C9H10	000300-57-2	83



Data Path : W:\HPCHEM1\MSVOA U\Data\VU050818\
Data File : VU023744.D
Acq On : 08 May 2018 18:17
Operator : MD/SY
Sample : J2725-05DL 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

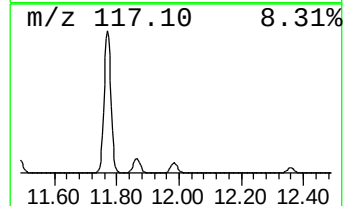
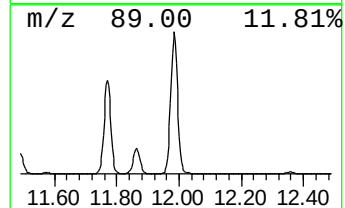
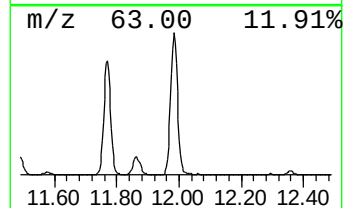
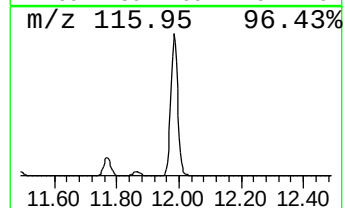
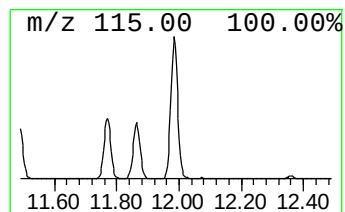
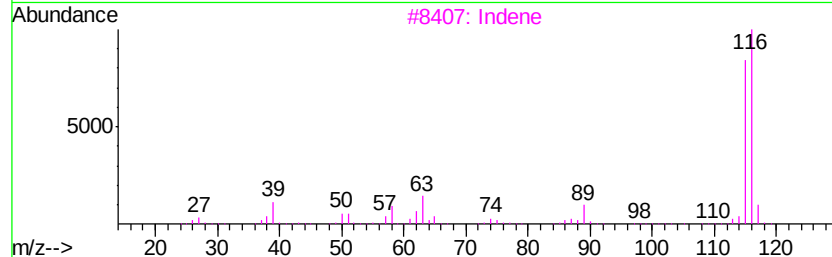
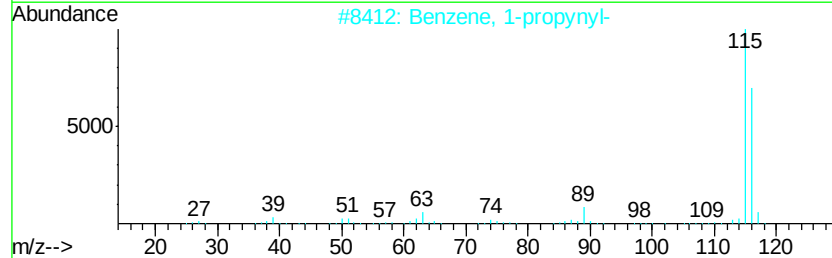
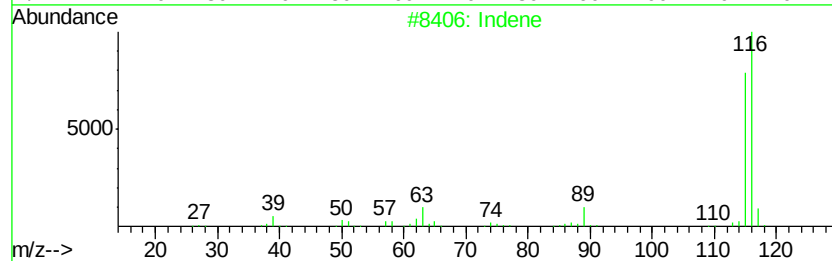
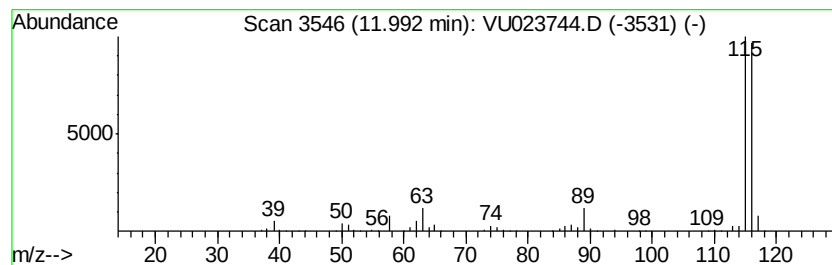
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Quant Title : VOC Analysis

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

Peak Number 8 Indene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	39.03 ug/L	834421	1,4-Dichlorobenzene-d4	11.49

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



Data Path : W:\HPCHEM1\MSVOA U\Data\VU050818\
Data File : VU023744.D
Acq On : 08 May 2018 18:17
Operator : MD/SY
Sample : J2725-05DL 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

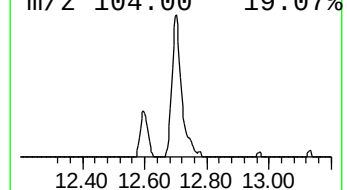
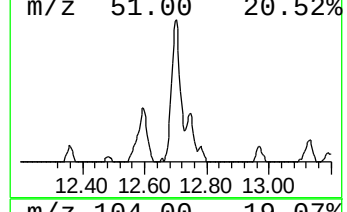
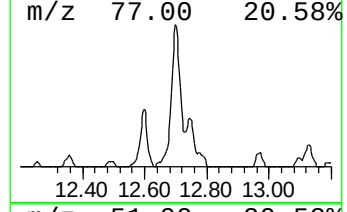
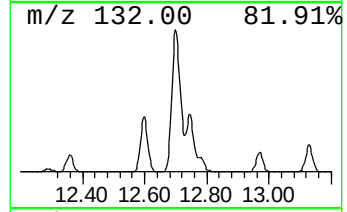
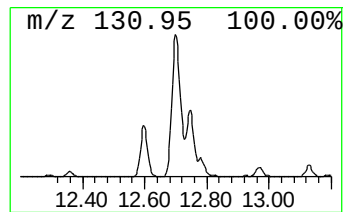
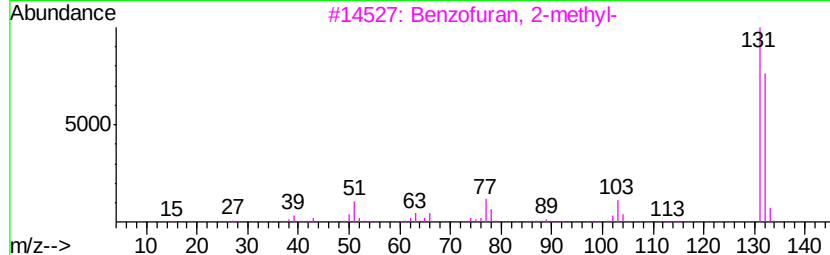
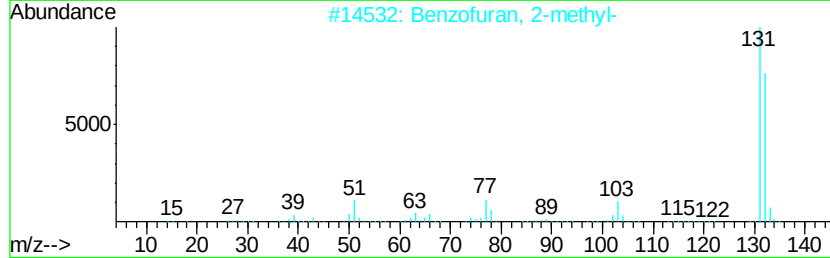
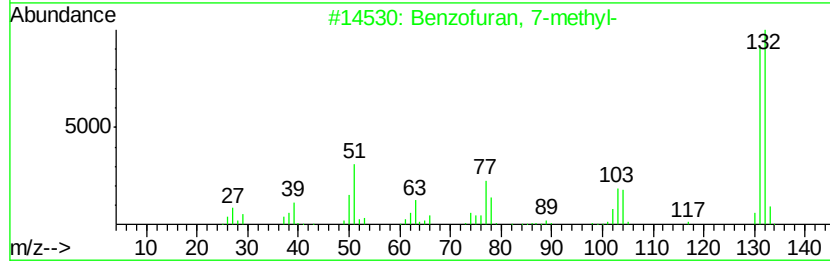
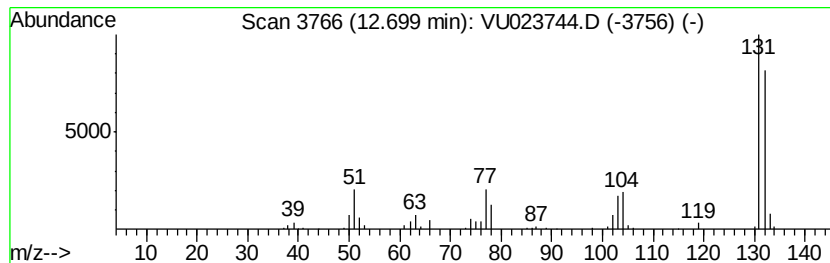
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Quant Title : VOC Analysis

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

Peak Number 9 Benzofuran, 7-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	6.94 ug/L	148345	1,4-Dichlorobenzene-d4	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	91
2		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4		3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
5		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90



Data Path : W:\HPCHEM1\MSVOA U\Data\VU050818\
Data File : VU023744.D
Acq On : 08 May 2018 18:17
Operator : MD/SY
Sample : J2725-05DL 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

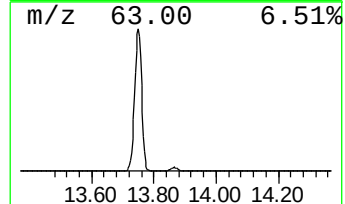
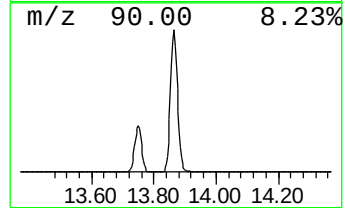
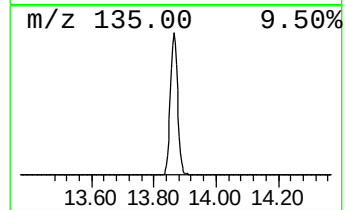
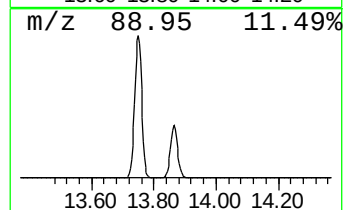
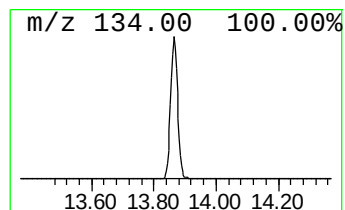
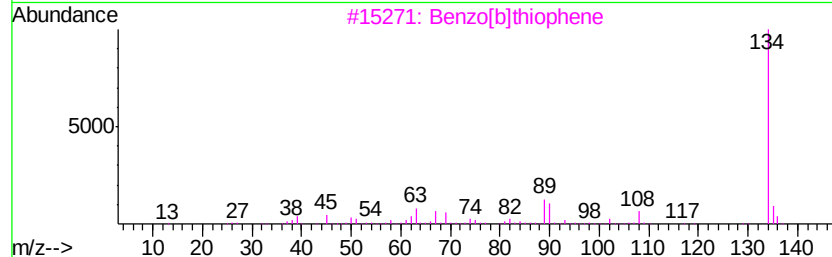
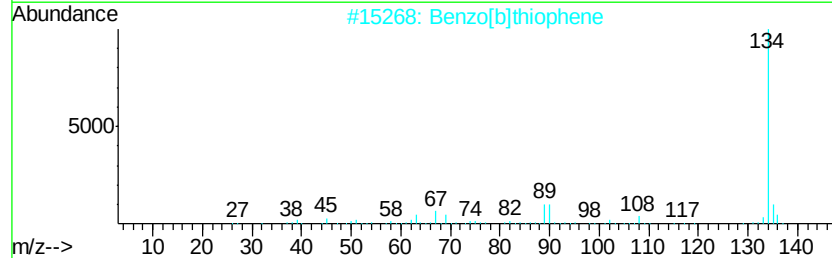
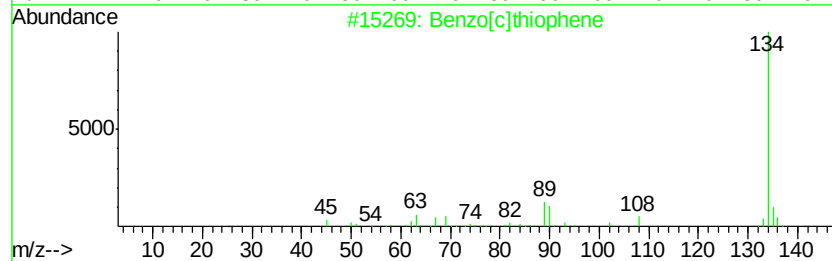
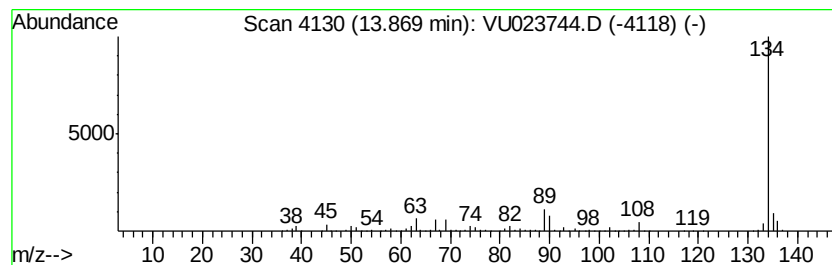
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Quant Title : VOC Analysis

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

Peak Number 11 Benzo[c]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	30.58 ug/L	653665	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2		Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3		Benzo[b]thiophene	134	C8H6S	000095-15-8	95
4		Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5		Benzo[b]thiophene	134	C8H6S	000095-15-8	91



Data Path : W:\HPCHEM1\MSVOA U\Data\VU050818\
Data File : VU023744.D
Acq On : 08 May 2018 18:17
Operator : MD/SY
Sample : J2725-05DL 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

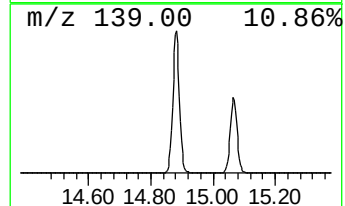
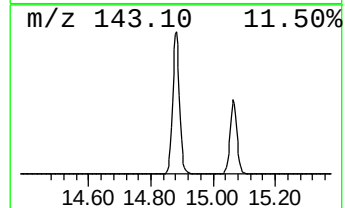
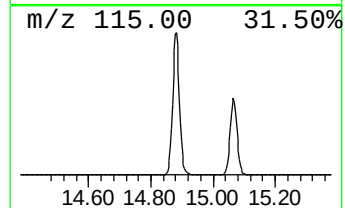
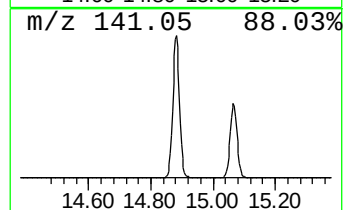
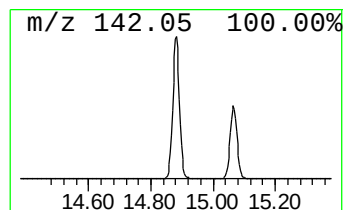
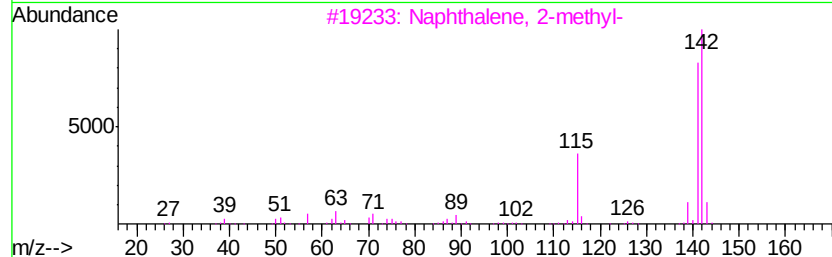
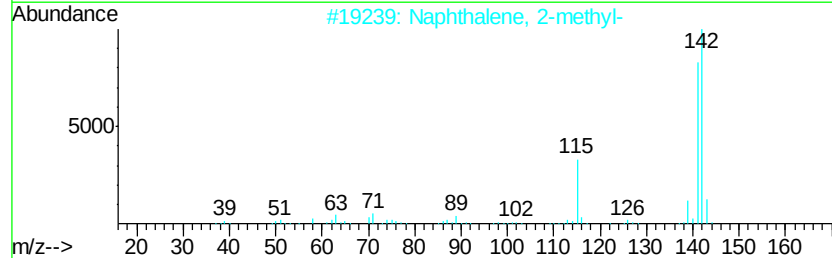
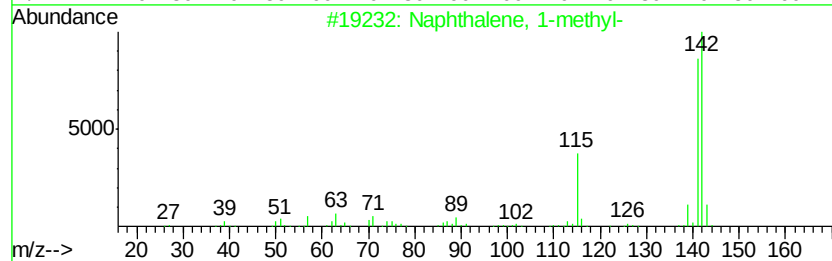
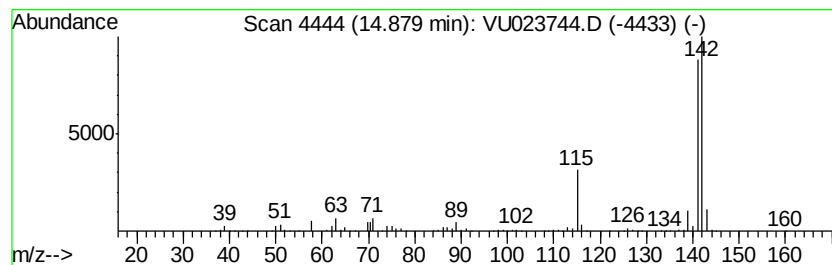
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Quant Title : VOC Analysis

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

Peak Number 12 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	62.17 ug/L	1328990	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050818\
Data File : VU023744.D
Acq On : 08 May 2018 18:17
Operator : MD/SY
Sample : J2725-05DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 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	3.3	ug/L	52925	1	5.89	796540	50.0
Benzene, 1-ethyl-...	10.69	2.8	ug/L	59530	3	11.49	1068850	50.0
Benzene, 1,2,3-tr...	11.15	3.6	ug/L	76927	3	11.49	1068850	50.0
Benzofuran	11.40	19.9	ug/L	425743	3	11.49	1068850	50.0
Indane	11.77	47.2	ug/L	1009730	3	11.49	1068850	50.0
Indene	11.99	39.0	ug/L	834421	3	11.49	1068850	50.0
Benzofuran, 7-met...	12.70	6.9	ug/L	148345	3	11.49	1068850	50.0
Benzo[c]thiophene	13.87	30.6	ug/L	653665	3	11.49	1068850	50.0
Naphthalene, 1-me...	14.88	62.2	ug/L	1328990	3	11.49	1068850	50.0