

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050818\
 Data File : VU023742.D
 Acq On : 08 May 2018 17:24
 Operator : MD/SY
 Sample : J2725-13 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 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	0.735	39	45	50	rVB2	179	220	0.00%	0.001%
2	0.789	57	62	69	rBV2	127	160	0.00%	0.001%
3	1.088	137	155	178	rBV	1639124	1842045	31.65%	7.716%
4	1.182	180	184	195	rVB2	7134	10337	0.18%	0.043%
5	1.397	245	251	271	rBV	255846	285618	4.91%	1.196%
6	1.680	332	339	362	rVB	183737	239796	4.12%	1.004%
7	2.272	512	523	536	rBV	413843	623550	10.71%	2.612%
8	2.371	551	554	558	rBV4	664	622	0.01%	0.003%
9	2.436	572	574	575	rBV4	341	150	0.00%	0.001%
10	2.477	581	587	597	rVB3	1471	1859	0.03%	0.008%
11	3.394	865	872	879	rVB3	731	1161	0.02%	0.005%
12	3.500	899	905	908	rVB2	142	133	0.00%	0.001%
13	3.667	953	957	962	rVB2	143	134	0.00%	0.001%
14	3.792	993	996	1000	rVB2	219	162	0.00%	0.001%
15	4.178	1101	1116	1155	rBV	170131	449773	7.73%	1.884%
16	4.471	1204	1207	1212	rVB2	285	234	0.00%	0.001%
17	4.651	1245	1263	1297	rBV	285807	670632	11.52%	2.809%
18	4.886	1330	1336	1341	rBV3	693	1006	0.02%	0.004%
19	4.992	1362	1369	1373	rVB	272	360	0.01%	0.002%
20	5.018	1373	1377	1381	rVB	192	146	0.00%	0.001%
21	5.056	1384	1389	1393	rBV2	689	714	0.01%	0.003%
22	5.217	1435	1439	1443	rBV2	144	150	0.00%	0.001%
23	5.342	1453	1478	1486	rBV2	603473	1751896	30.10%	7.339%
24	5.648	1561	1573	1589	rVB	14669	32147	0.55%	0.135%
25	5.744	1600	1603	1606	rBV3	306	244	0.00%	0.001%
26	5.783	1612	1615	1617	rBV	299	166	0.00%	0.001%
27	5.889	1634	1648	1687	rBV	307783	629317	10.81%	2.636%
28	6.072	1703	1705	1710	rVB2	375	273	0.00%	0.001%
29	6.133	1722	1724	1731	rVB2	273	204	0.00%	0.001%
30	6.181	1731	1739	1741	rBV3	1388	1777	0.03%	0.007%
31	6.226	1750	1753	1760	rVB	173	157	0.00%	0.001%
32	6.268	1762	1766	1769	rBV2	220	156	0.00%	0.001%
33	6.336	1772	1787	1813	rBV	395379	802536	13.79%	3.362%
34	6.850	1943	1947	1948	rBV	228	146	0.00%	0.001%

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 Title : VOC Analysis

35	6.866	1950	1952	1956	rVB2	407	262	0.00%	0.001%
36	7.072	2012	2016	2020	rBV2	158	136	0.00%	0.001%
37	7.146	2033	2039	2042	rVB3	194	227	0.00%	0.001%
38	7.230	2052	2065	2095	rBV	213441	385669	6.63%	1.616%
39	7.329	2095	2096	2100	rVV2	953	427	0.01%	0.002%
40	7.345	2100	2101	2106	rVB2	301	162	0.00%	0.001%
41	7.448	2128	2133	2135	rBV2	291	255	0.00%	0.001%
42	7.570	2156	2171	2183	rBV	809078	1419510	24.39%	5.946%
43	7.641	2184	2193	2225	rVB	320057	582866	10.02%	2.442%
44	7.853	2246	2259	2278	rBV	150714	255264	4.39%	1.069%
45	7.943	2284	2287	2299	rVB2	4952	7074	0.12%	0.030%
46	8.175	2356	2359	2362	rBV	292	171	0.00%	0.001%
47	8.226	2373	2375	2377	rVV	269	129	0.00%	0.001%
48	8.313	2390	2402	2440	rBV	585184	992489	17.05%	4.157%
49	8.622	2493	2498	2502	rBV2	529	589	0.01%	0.002%
50	8.953	2598	2601	2604	rVV	204	133	0.00%	0.001%
51	8.982	2607	2610	2614	rVB	163	140	0.00%	0.001%
52	9.014	2617	2620	2624	rBV	164	131	0.00%	0.001%
53	9.095	2631	2645	2676	rBV	449129	764908	13.14%	3.204%
54	9.255	2684	2695	2715	rVB	75439	123327	2.12%	0.517%
55	9.377	2721	2733	2755	rBV	195634	324371	5.57%	1.359%
56	9.545	2778	2785	2787	rBV2	1608	1750	0.03%	0.007%
57	9.638	2810	2814	2817	rBV	169	134	0.00%	0.001%
58	9.738	2839	2845	2848	rVV2	1131	1467	0.03%	0.006%
59	9.783	2848	2859	2888	rVB	111862	186078	3.20%	0.779%
60	9.918	2898	2901	2907	rVB2	175	200	0.00%	0.001%
61	10.014	2926	2931	2937	rBV2	544	639	0.01%	0.003%
62	10.172	2971	2980	2990	rBV2	4555	6302	0.11%	0.026%
63	10.435	3049	3062	3084	rBV	542811	868128	14.92%	3.637%
64	10.529	3088	3091	3097	rVB2	327	255	0.00%	0.001%
65	10.561	3097	3101	3105	rBV2	133	149	0.00%	0.001%
66	10.590	3105	3110	3112	rBV2	806	701	0.01%	0.003%
67	10.686	3131	3140	3145	rBV2	12569	19374	0.33%	0.081%
68	10.776	3158	3168	3177	rBV	14635	20875	0.36%	0.087%
69	10.975	3222	3230	3245	rBV2	2862	4942	0.08%	0.021%
70	11.091	3263	3266	3269	rVB	408	255	0.00%	0.001%
71	11.152	3275	3285	3303	rVB	47696	71535	1.23%	0.300%

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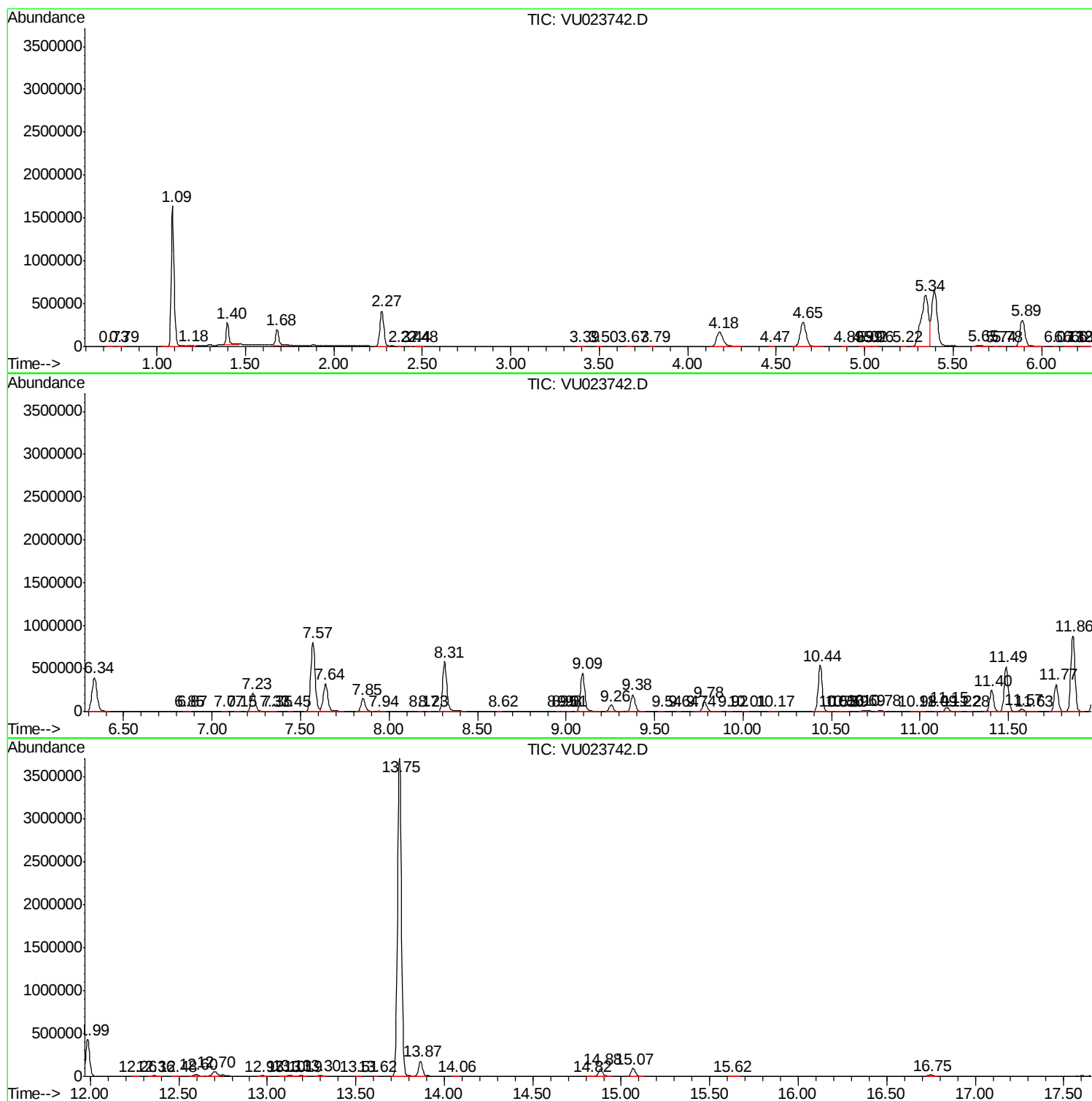
72	11.223	3303	3307	3310	rBV3	484	423	0.01%	0.002%
73	11.278	3321	3324	3329	rBV2	269	172	0.00%	0.001%
74	11.403	3351	3363	3377	rVV	248279	393724	6.77%	1.649%
75	11.487	3377	3389	3406	rVV	525331	830719	14.27%	3.480%
76	11.574	3407	3416	3427	rVV	26916	40856	0.70%	0.171%
77	11.631	3429	3434	3443	rVB2	1472	1881	0.03%	0.008%
78	11.770	3465	3477	3493	rBV	317243	487256	8.37%	2.041%
79	11.863	3493	3506	3526	rVB	883492	1408611	24.21%	5.901%
80	11.985	3531	3544	3567	rBV	429965	675849	11.61%	2.831%
81	12.255	3622	3628	3634	rBV2	1529	1842	0.03%	0.008%
82	12.358	3651	3660	3673	rBV	8796	13112	0.23%	0.055%
83	12.483	3691	3699	3707	rBV7	1728	2747	0.05%	0.012%
84	12.599	3722	3735	3748	rVB3	23085	38674	0.66%	0.162%
85	12.702	3752	3767	3777	rBV2	56456	112861	1.94%	0.473%
86	12.969	3842	3850	3862	rBV2	7785	10770	0.19%	0.045%
87	13.098	3881	3890	3892	rBV4	4284	5517	0.09%	0.023%
88	13.127	3893	3899	3910	rVV2	13530	20791	0.36%	0.087%
89	13.191	3911	3919	3928	rVB4	8862	13666	0.23%	0.057%
90	13.297	3942	3952	3963	rBV4	10761	16695	0.29%	0.070%
91	13.509	4013	4018	4025	rVB5	1015	1370	0.02%	0.006%
92	13.615	4048	4051	4052	rBV	508	283	0.00%	0.001%
93	13.747	4078	4092	4116	rBV	3710762	5819500	100.00%	24.378%
94	13.866	4118	4129	4140	rBV	171381	266785	4.58%	1.118%
95	14.059	4185	4189	4197	rBV6	847	820	0.01%	0.003%
96	14.824	4421	4427	4435	rBV2	2261	3296	0.06%	0.014%
97	14.882	4435	4445	4465	rVB	85501	137779	2.37%	0.577%
98	15.065	4492	4502	4521	rVB	91166	149556	2.57%	0.626%
99	15.618	4669	4674	4690	rVB4	2827	4856	0.08%	0.020%
100	16.747	5017	5025	5036	rBV	15056	23007	0.40%	0.096%

Sum of corrected areas: 23872423

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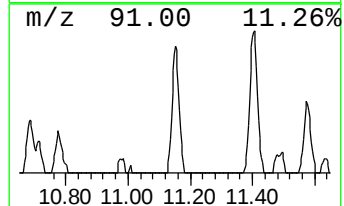
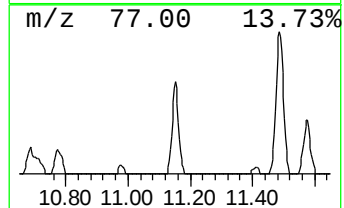
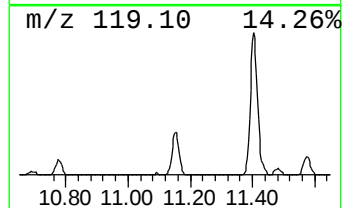
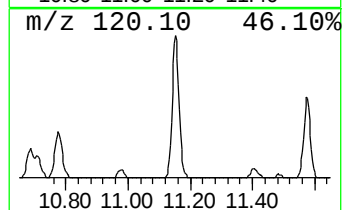
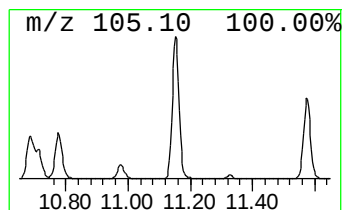
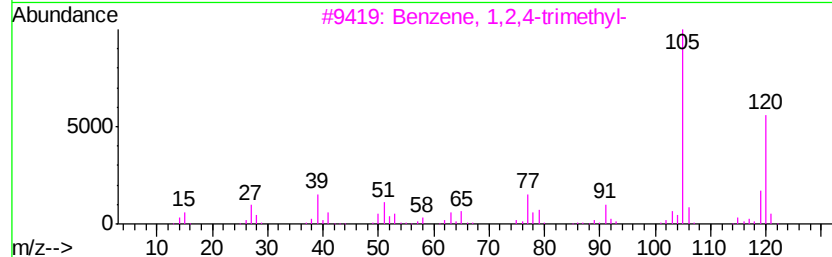
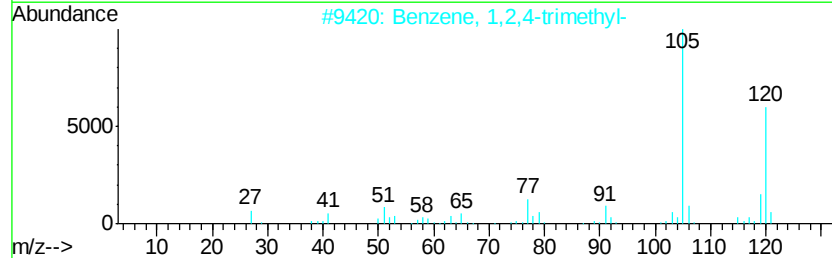
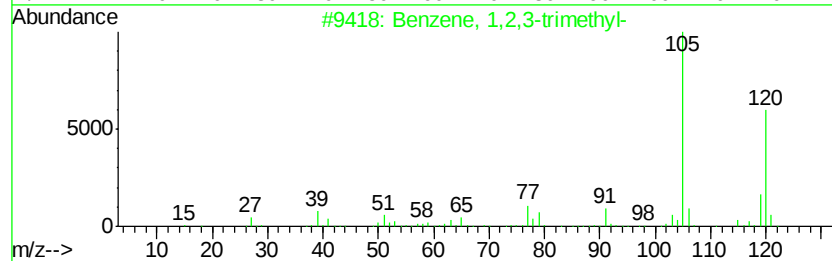
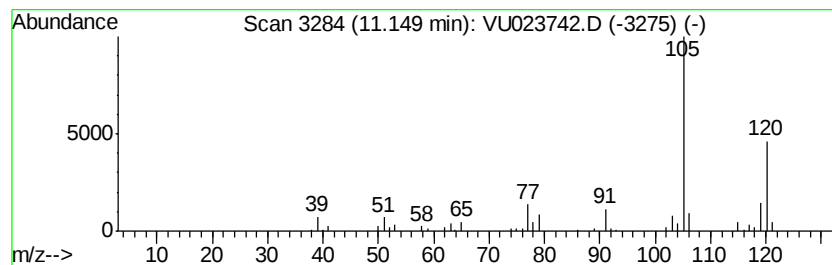
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	4.31 ug/L	71535	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	95
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



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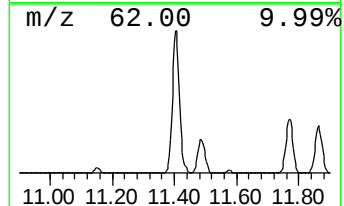
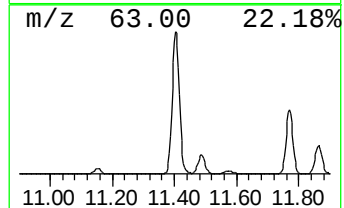
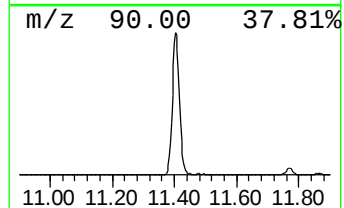
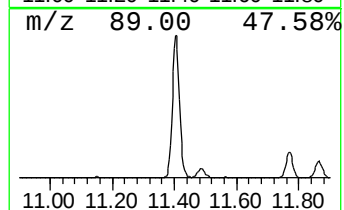
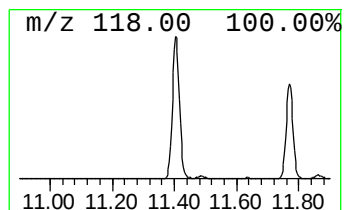
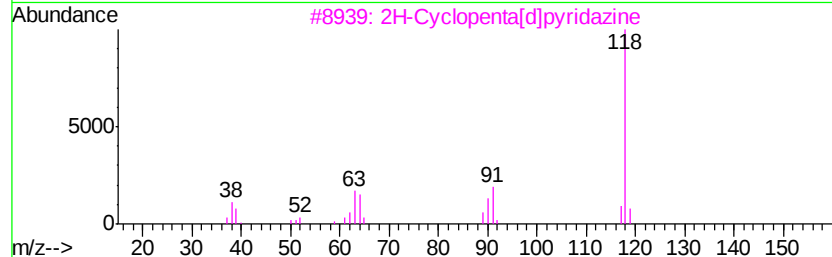
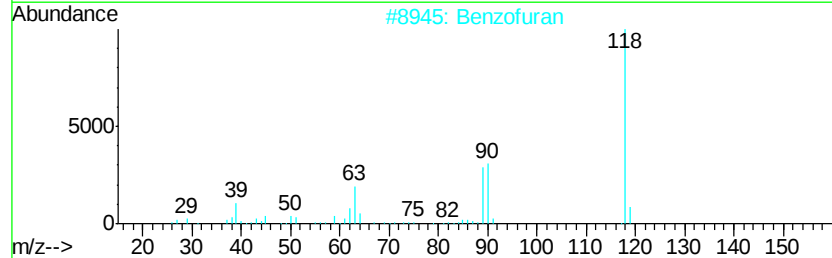
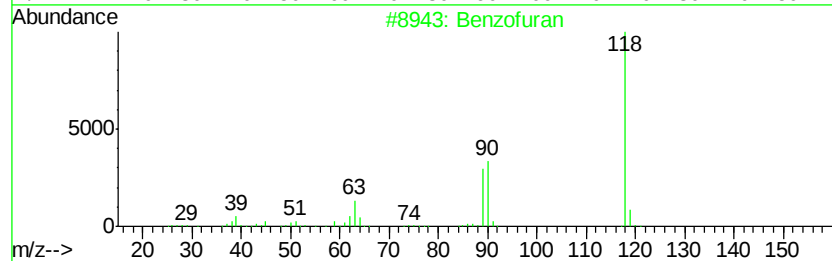
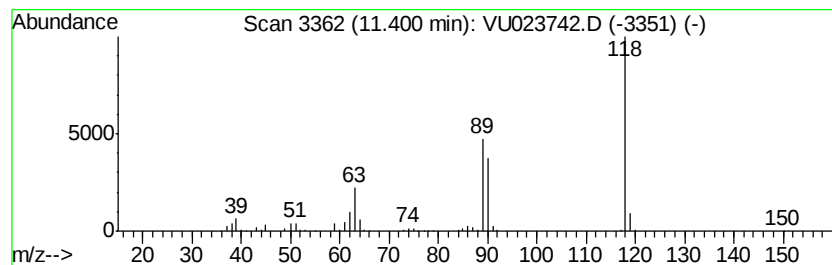
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Quant Title : VOC Analysis

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

Peak Number 5 Benzofuran Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	23.70 ug/L	393724	1,4-Dichlorobenzene-d4	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran		118	C8H6O	000271-89-6	90
2	Benzofuran		118	C8H6O	000271-89-6	90
3	2H-Cyclopenta[d]pyridazine		118	C7H6N2	000270-64-4	64
4	1H-Pyrrolo[2,3-b]pyridine		118	C7H6N2	000271-63-6	59
5	Benzofuran		118	C8H6O	000271-89-6	50



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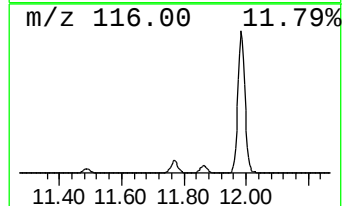
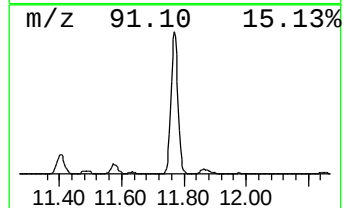
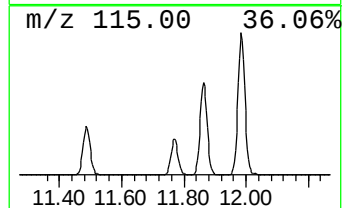
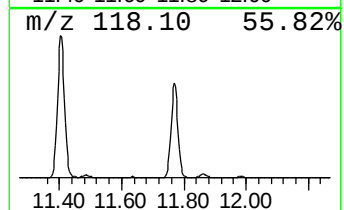
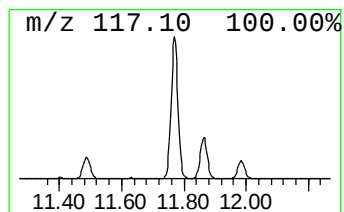
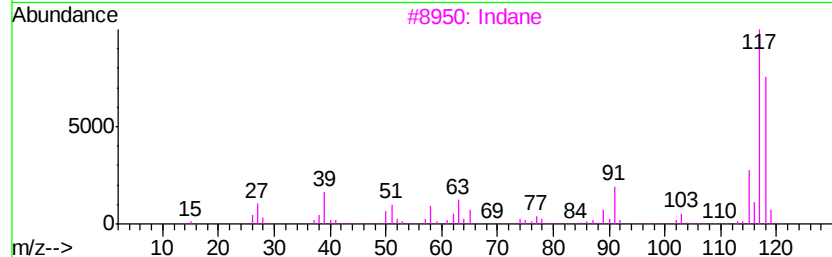
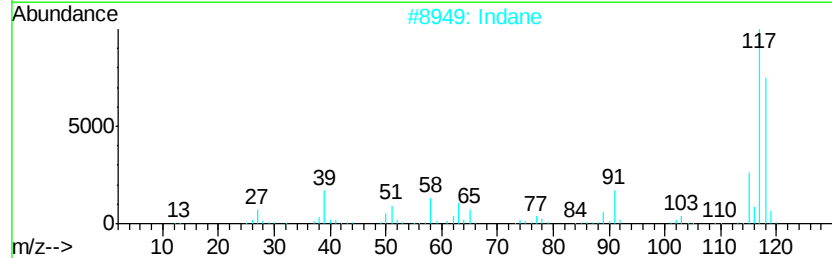
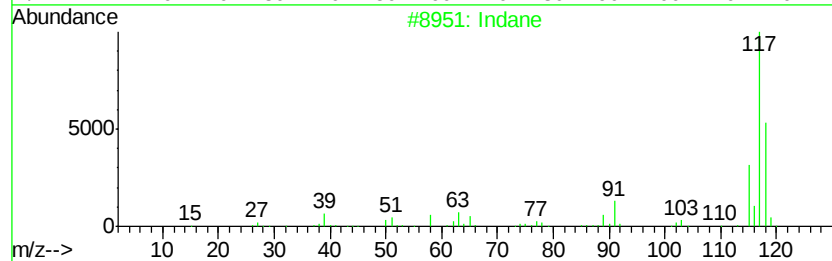
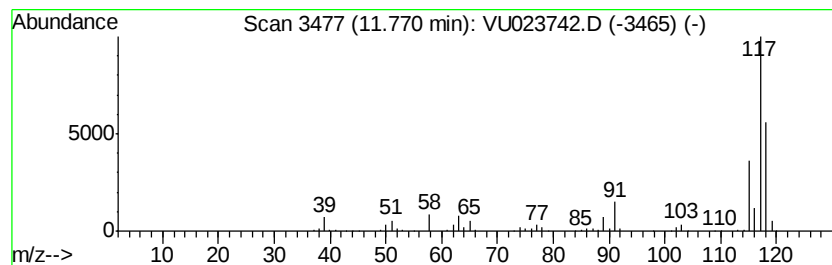
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Quant Title : VOC Analysis

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

Peak Number 6 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	29.33 ug/L	487256	1,4-Dichlorobenzene-d4	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	95
2	Indane		118	C9H10	000496-11-7	91
3	Indane		118	C9H10	000496-11-7	90
4	Benzene, 1-ethenyl-4-methyl-		118	C9H10	000622-97-9	74
5	Deltacyclene		118	C9H10	007785-10-6	72



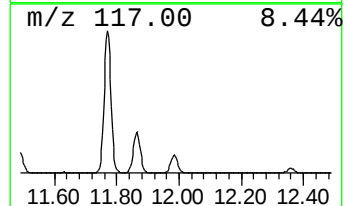
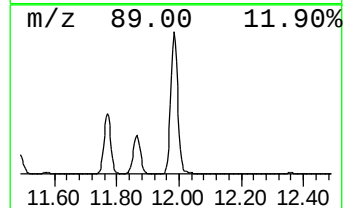
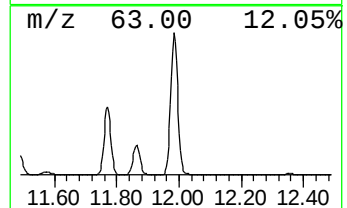
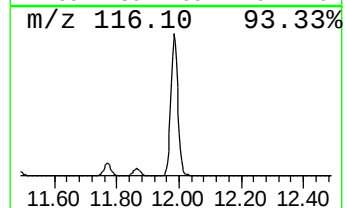
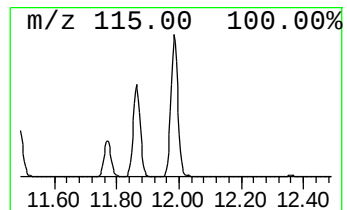
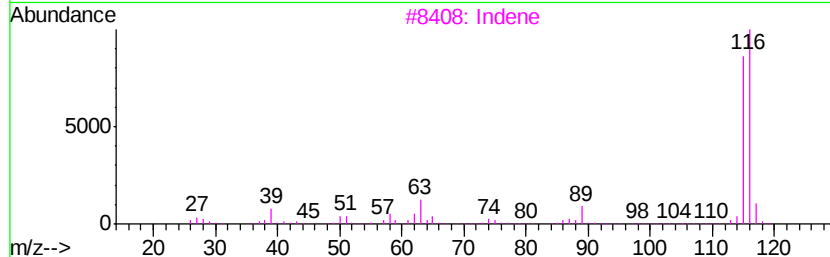
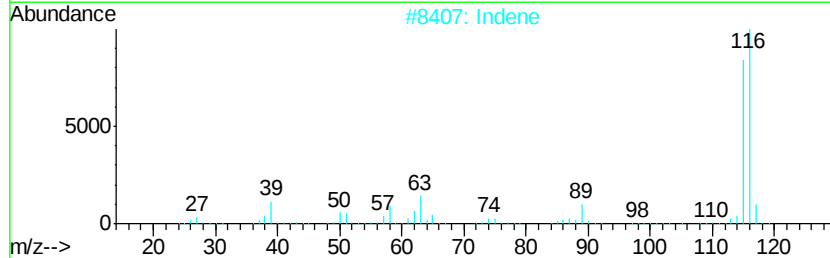
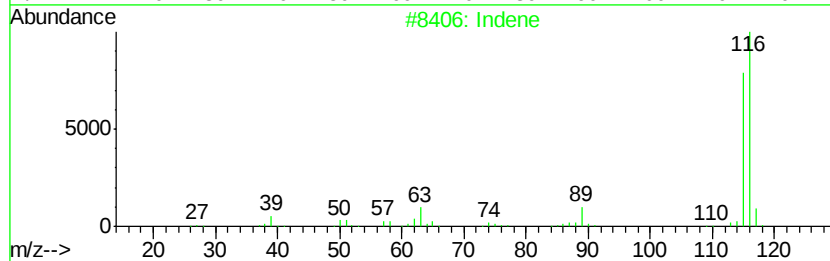
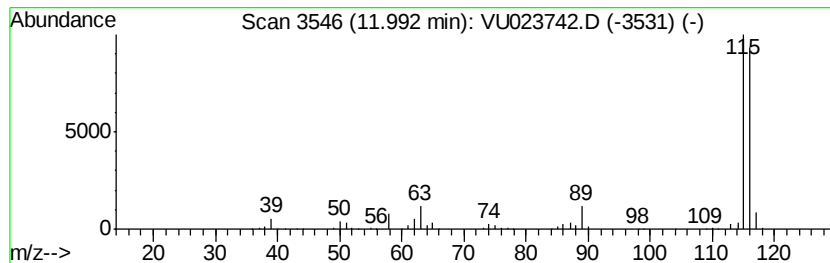
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Data File : VU023742.D
Acq On : 08 May 2018 17:24
Operator : MD/SY
Sample : J2725-13 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

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 7 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	40.68 ug/L	675849	1,4-Dichlorobenzene-d4	11.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Indene		116 C9H8	000095-13-6 97
2	Indene		116 C9H8	000095-13-6 96
3	Indene		116 C9H8	000095-13-6 95
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 : VU023742.D
Acq On : 08 May 2018 17:24
Operator : MD/SY
Sample : J2725-13 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

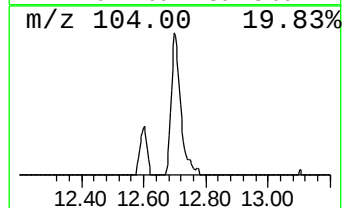
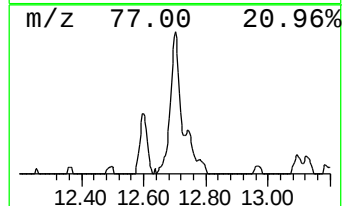
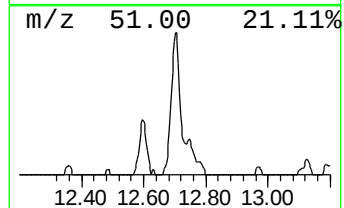
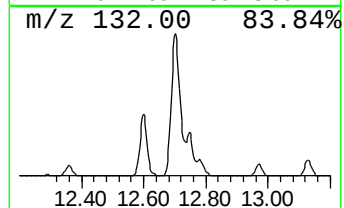
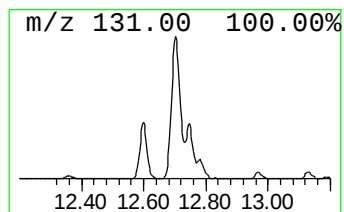
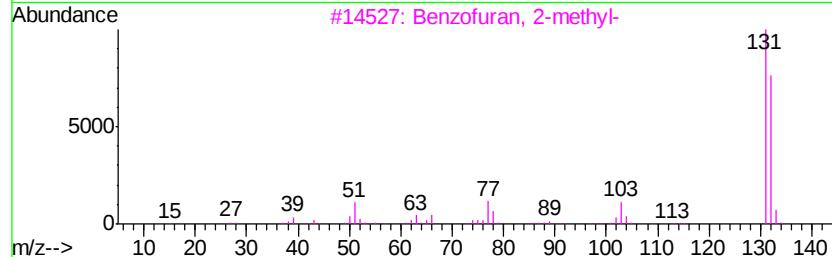
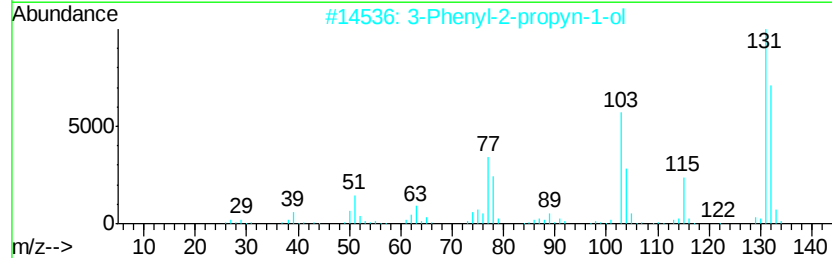
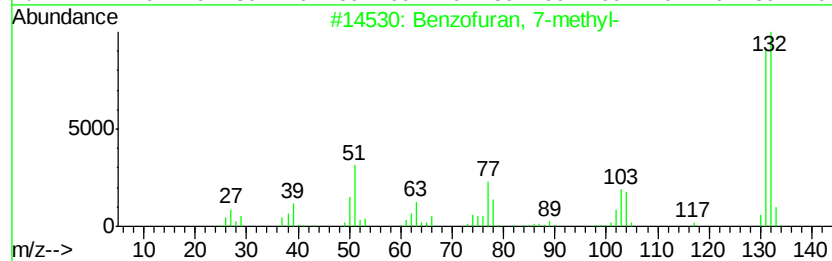
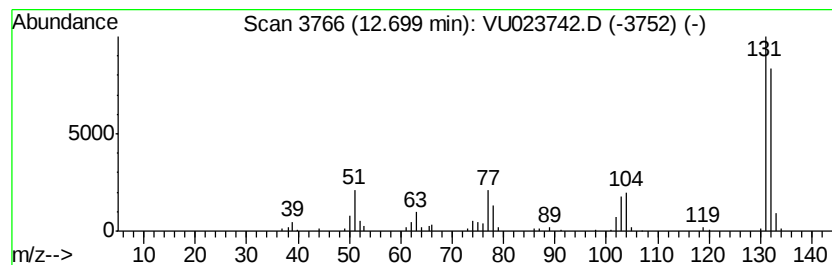
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Quant Title : VOC Analysis

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

Peak Number 8 Benzofuran, 7-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	6.79 ug/L	112861	1,4-Dichlorobenzene-d4	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	96
2		3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	94
3		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
4		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
5		Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050818\
Data File : VU023742.D
Acq On : 08 May 2018 17:24
Operator : MD/SY
Sample : J2725-13 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

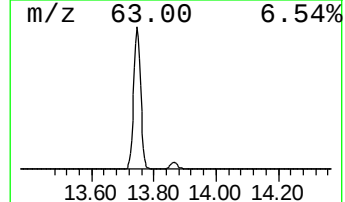
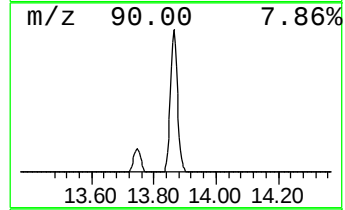
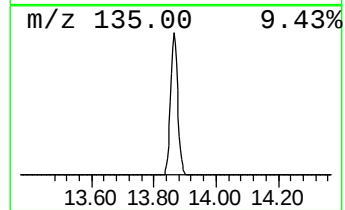
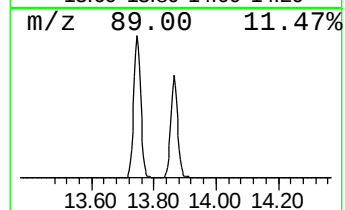
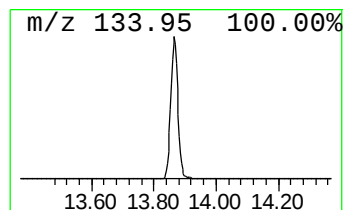
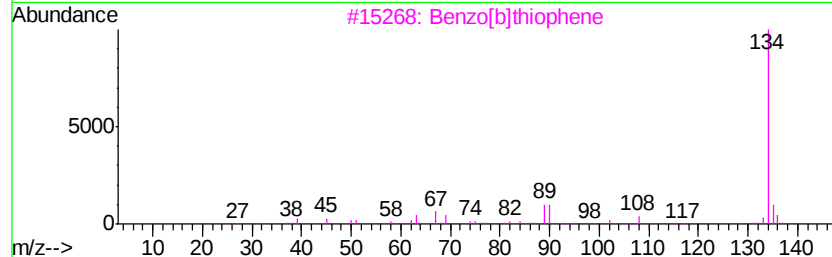
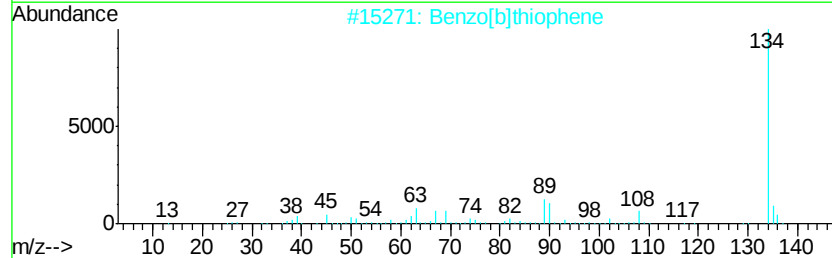
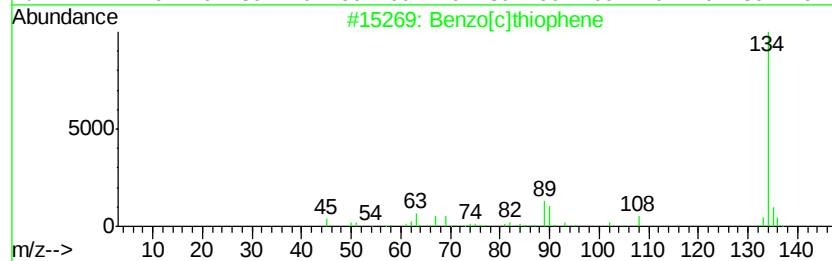
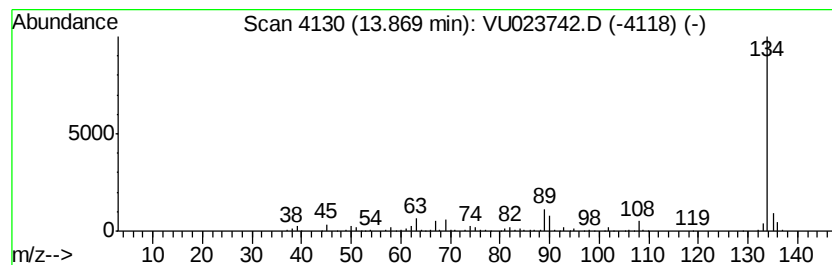
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Quant Title : VOC Analysis

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

Peak Number 10 Benzo[c]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	16.06 ug/L	266785	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 : VU023742.D
Acq On : 08 May 2018 17:24
Operator : MD/SY
Sample : J2725-13 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

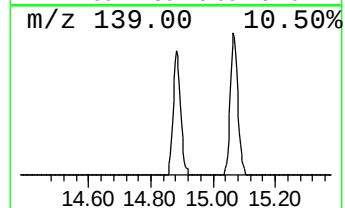
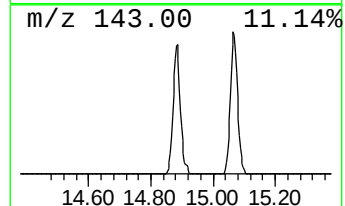
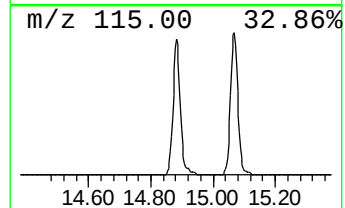
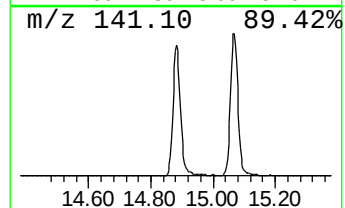
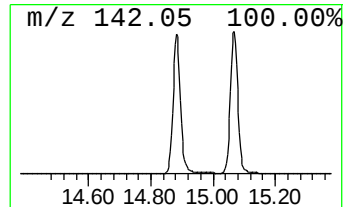
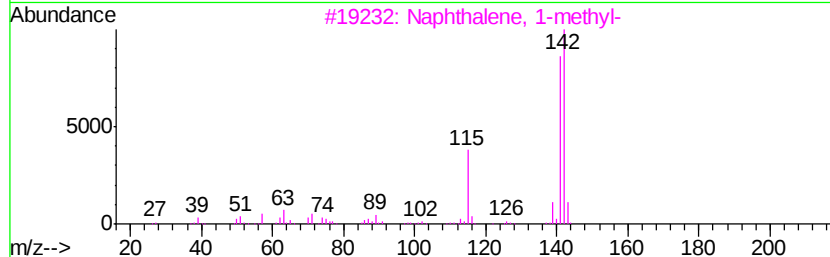
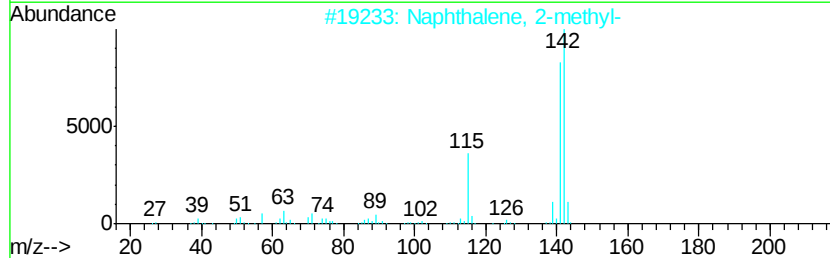
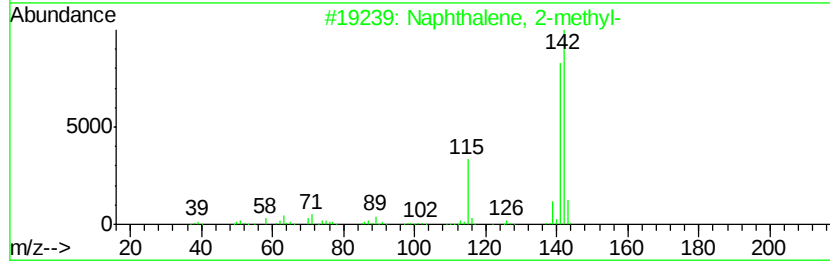
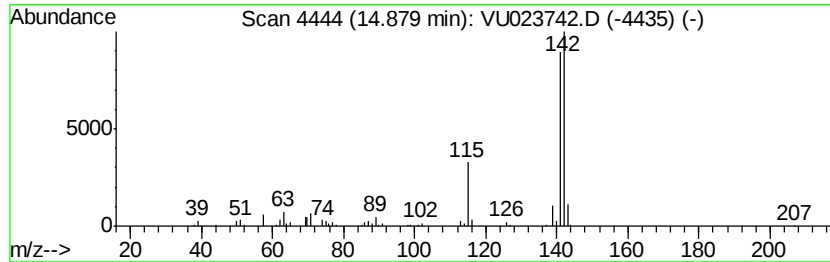
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Quant Title : VOC Analysis

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

Peak Number 11 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	8.29 ug/L	137779	1,4-Dichlorobenzene-d4	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94



Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050818\
Data File : VU023742.D
Acq On : 08 May 2018 17:24
Operator : MD/SY
Sample : J2725-13 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 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
Benzene, 1,2,3-tr...	11.15	4.3	ug/L	71535	3	11.49	830719	50.0
Benzofuran	11.40	23.7	ug/L	393724	3	11.49	830719	50.0
Indane	11.77	29.3	ug/L	487256	3	11.49	830719	50.0
Indene	11.99	40.7	ug/L	675849	3	11.49	830719	50.0
Benzofuran, 7-met...	12.70	6.8	ug/L	112861	3	11.49	830719	50.0
Benzo[c]thiophene	13.87	16.1	ug/L	266785	3	11.49	830719	50.0
Naphthalene, 1-me...	14.88	8.3	ug/L	137779	3	11.49	830719	50.0