

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050718\
 Data File : VU023712.D
 Acq On : 07 May 2018 13:43
 Operator : MD/SY
 Sample : J2691-22MEDL 50X
 Misc : 2.94g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

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 : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.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	1.088	136	155	176	rBV	1366272	1529558	71.78%	7.011%
2	1.182	180	184	190	rVB	6678	6264	0.29%	0.029%
3	1.397	245	251	270	rVB	153458	159723	7.50%	0.732%
4	1.680	330	339	356	rVB	114959	149207	7.00%	0.684%
5	1.886	400	403	410	rVB3	3251	3171	0.15%	0.015%
6	2.272	512	523	537	rBV	269041	407161	19.11%	1.866%
7	2.841	688	700	713	rVB	2094	4128	0.19%	0.019%
8	2.998	740	749	758	rVB2	1834	3750	0.18%	0.017%
9	3.304	833	844	861	rVB3	5120	10378	0.49%	0.048%
10	4.098	1079	1091	1101	rBV4	2709	6115	0.29%	0.028%
11	4.178	1102	1116	1145	rBV	112797	295920	13.89%	1.356%
12	4.651	1245	1263	1285	rBV	194313	463398	21.75%	2.124%
13	4.992	1357	1369	1384	rBV4	10665	25227	1.18%	0.116%
14	5.082	1384	1397	1411	rVB5	2852	6366	0.30%	0.029%
15	5.223	1426	1441	1454	rBV2	10007	23635	1.11%	0.108%
16	5.342	1455	1478	1514	rVV2	397163	1193396	56.00%	5.470%
17	5.554	1538	1544	1555	rVB6	3119	5826	0.27%	0.027%
18	5.628	1556	1567	1580	rVB7	6658	13772	0.65%	0.063%
19	5.789	1599	1617	1634	rBV3	36834	74131	3.48%	0.340%
20	5.889	1634	1648	1694	rBV	398644	821113	38.53%	3.764%
21	6.185	1731	1740	1748	rBV5	2131	3562	0.17%	0.016%
22	6.336	1773	1787	1801	rBV	267771	543854	25.52%	2.493%
23	6.419	1804	1813	1826	rVB2	64441	132111	6.20%	0.606%
24	6.532	1843	1848	1861	rVB6	5186	10007	0.47%	0.046%
25	6.644	1874	1883	1892	rVB4	3922	7274	0.34%	0.033%
26	6.741	1900	1913	1925	rBV7	7368	15540	0.73%	0.071%
27	6.905	1955	1964	1982	rVB5	7867	14859	0.70%	0.068%
28	7.111	2015	2028	2035	rBV4	4111	7827	0.37%	0.036%
29	7.185	2036	2051	2056	rBV3	18259	32432	1.52%	0.149%
30	7.230	2056	2065	2084	rVB	145762	263920	12.39%	1.210%
31	7.345	2093	2101	2123	rVB	15058	33568	1.58%	0.154%
32	7.570	2147	2171	2182	rBV	559646	1019662	47.85%	4.674%
33	7.641	2182	2193	2208	rVB	492012	851201	39.95%	3.902%
34	7.824	2241	2250	2253	rBV	57587	80820	3.79%	0.370%

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050718\
 Data File : VU023712.D
 Acq On : 07 May 2018 13:43
 Operator : MD/SY
 Sample : J2691-22MEDL 50X
 Misc : 2.94g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 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\SOMULM050118WMA.M
 Title : VOC Analysis

35	7.921	2272	2280	2292	rVB3	17049	32085	1.51%	0.147%
36	8.050	2311	2320	2333	rVB5	7587	13193	0.62%	0.060%
37	8.233	2369	2377	2383	rBV4	3223	4758	0.22%	0.022%
38	8.313	2389	2402	2436	rBV	389699	675978	31.72%	3.098%
39	8.548	2466	2475	2486	rVB2	19063	32549	1.53%	0.149%
40	8.612	2486	2495	2505	rBV3	8774	16987	0.80%	0.078%
41	8.757	2535	2540	2550	rVB5	1732	2794	0.13%	0.013%
42	8.818	2550	2559	2564	rBV2	5488	8666	0.41%	0.040%
43	8.911	2582	2588	2600	rVB3	15434	25186	1.18%	0.115%
44	9.037	2617	2627	2633	rBV2	11961	19678	0.92%	0.090%
45	9.095	2633	2645	2667	rVV	597150	980411	46.01%	4.494%
46	9.252	2682	2694	2711	rBV	580705	930912	43.69%	4.267%
47	9.377	2719	2733	2748	rBV	1299612	2130902	100.00%	9.767%
48	9.448	2749	2755	2774	rVB2	33837	54622	2.56%	0.250%
49	9.722	2827	2840	2848	rBV7	9982	19490	0.91%	0.089%
50	9.783	2848	2859	2883	rVB	447356	703840	33.03%	3.226%
51	9.956	2895	2913	2923	rVB6	12533	25342	1.19%	0.116%
52	10.049	2934	2942	2950	rBV6	9749	16296	0.76%	0.075%
53	10.172	2968	2980	2991	rBV	15199	25418	1.19%	0.117%
54	10.226	2991	2997	3001	rBV3	2106	2948	0.14%	0.014%
55	10.258	3002	3007	3015	rVB6	4069	6046	0.28%	0.028%
56	10.435	3050	3062	3075	rBV	385615	617354	28.97%	2.830%
57	10.593	3101	3111	3119	rBV	18252	27766	1.30%	0.127%
58	10.686	3131	3140	3155	rBV	58370	123415	5.79%	0.566%
59	10.776	3157	3168	3174	rVV2	42354	71586	3.36%	0.328%
60	10.818	3175	3181	3192	rVB	45290	64202	3.01%	0.294%
61	10.975	3221	3230	3238	rBV	27289	43741	2.05%	0.200%
62	11.078	3255	3262	3267	rBV7	3665	4998	0.23%	0.023%
63	11.117	3267	3274	3276	rBV	13668	14277	0.67%	0.065%
64	11.152	3277	3285	3310	rVB	144778	239612	11.24%	1.098%
65	11.287	3312	3327	3328	rBV7	7991	12208	0.57%	0.056%
66	11.403	3354	3363	3366	rBV5	9152	13427	0.63%	0.062%
67	11.487	3378	3389	3403	rBV	662709	1044273	49.01%	4.787%
68	11.574	3408	3416	3425	rVV	71971	102236	4.80%	0.469%
69	11.783	3468	3481	3483	rBV5	52101	78471	3.68%	0.360%
70	11.811	3486	3490	3497	rVV	129721	175441	8.23%	0.804%
71	11.866	3497	3507	3527	rVB4	754493	1436552	67.42%	6.585%

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050718\
 Data File : VU023712.D
 Acq On : 07 May 2018 13:43
 Operator : MD/SY
 Sample : J2691-22MEDL 50X
 Misc : 2.94g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 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\SOMULM050118WMA.M
 Title : VOC Analysis

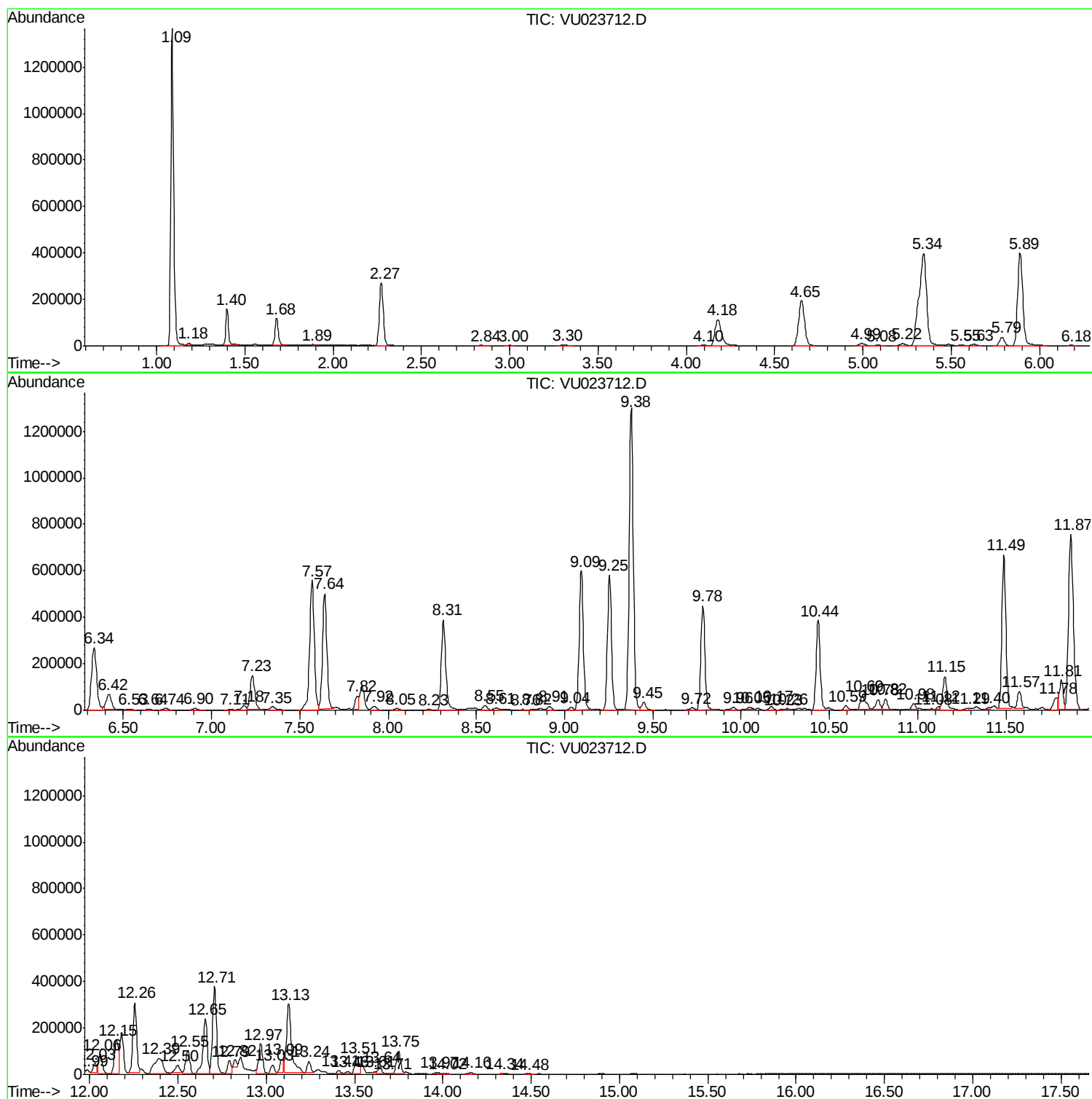
72	11.985	3537	3544	3550	rBV3	14030	19923	0.93%	0.091%
73	12.027	3550	3557	3561	rBV	37854	50940	2.39%	0.233%
74	12.059	3562	3567	3584	rVB	82840	124169	5.83%	0.569%
75	12.149	3585	3595	3600	rBV	146112	230075	10.80%	1.055%
76	12.255	3617	3628	3637	rBV	300033	443450	20.81%	2.033%
77	12.393	3651	3671	3690	rBV7	64839	231851	10.88%	1.063%
78	12.496	3692	3703	3712	rBV4	31975	59316	2.78%	0.272%
79	12.554	3712	3721	3732	rVB	100943	162005	7.60%	0.743%
80	12.654	3732	3752	3760	rBV	236618	406282	19.07%	1.862%
81	12.705	3760	3768	3786	rVB	375444	572745	26.88%	2.625%
82	12.789	3786	3794	3799	rBV	55132	80210	3.76%	0.368%
83	12.824	3800	3805	3809	rBV	30439	33680	1.58%	0.154%
84	12.969	3842	3850	3862	rVB2	125748	189823	8.91%	0.870%
85	13.033	3862	3870	3878	rBV2	34765	50239	2.36%	0.230%
86	13.088	3878	3887	3890	rBV2	58614	83332	3.91%	0.382%
87	13.127	3891	3899	3926	rVB4	296237	596464	27.99%	2.734%
88	13.242	3927	3935	3943	rBV	50047	74242	3.48%	0.340%
89	13.409	3979	3987	3996	rBV3	15015	24153	1.13%	0.111%
90	13.461	3998	4003	4009	rVB4	7205	9130	0.43%	0.042%
91	13.512	4009	4019	4025	rBV3	68521	115808	5.43%	0.531%
92	13.612	4046	4050	4053	rBV2	5592	5566	0.26%	0.026%
93	13.644	4054	4060	4070	rVB	30103	43383	2.04%	0.199%
94	13.705	4073	4079	4081	rBV4	3313	3614	0.17%	0.017%
95	13.747	4082	4092	4103	rBV	96182	154459	7.25%	0.708%
96	13.969	4152	4161	4170	rBV4	6259	12158	0.57%	0.056%
97	14.017	4171	4176	4183	rVB3	3271	4387	0.21%	0.020%
98	14.155	4209	4219	4228	rBV4	7815	11912	0.56%	0.055%
99	14.339	4269	4276	4277	rBV3	3430	3135	0.15%	0.014%
100	14.480	4315	4320	4330	rVB3	2598	3877	0.18%	0.018%

Sum of corrected areas: 21816864

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050718\
Data File : VU023712.D
Acq On : 07 May 2018 13:43
Operator : MD/SY
Sample : J2691-22MEDL 50X
Misc : 2.94uL/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

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



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050718\
Data File : VU023712.D
Acq On : 07 May 2018 13:43
Operator : MD/SY
Sample : J2691-22MEDL 50X
Misc : 2.94g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

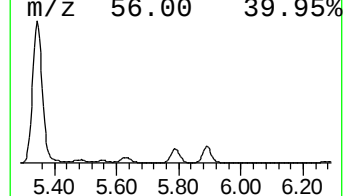
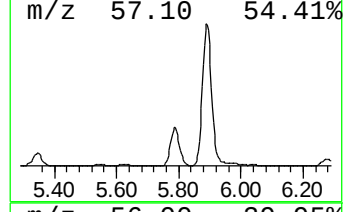
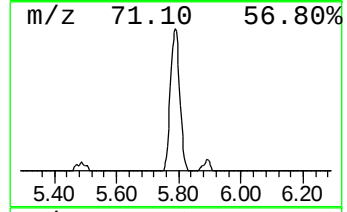
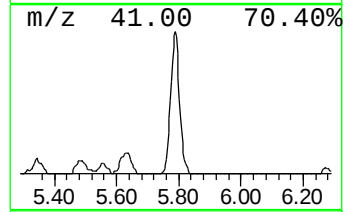
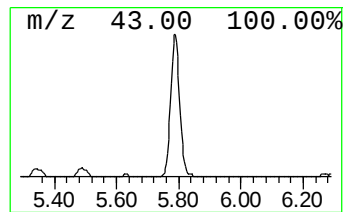
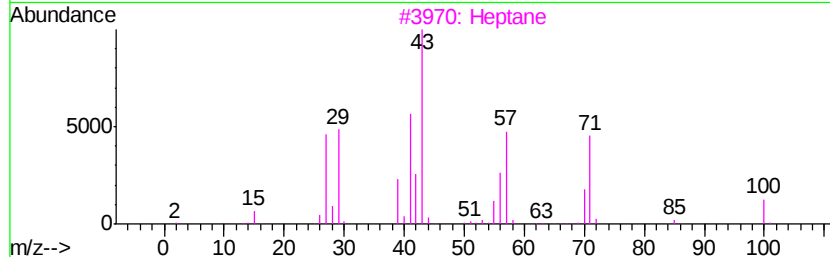
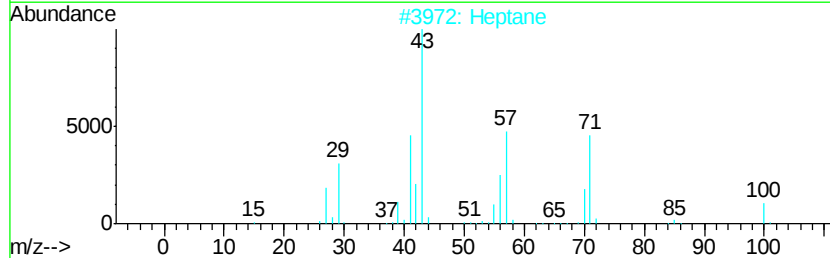
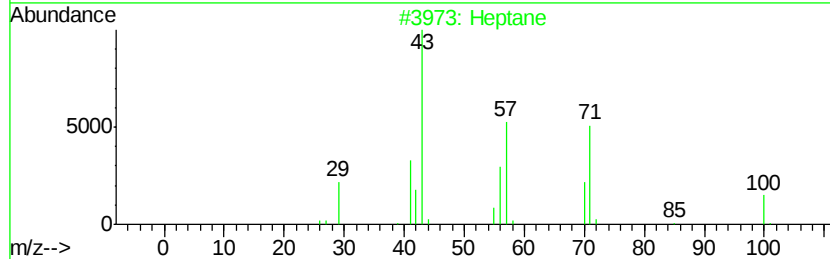
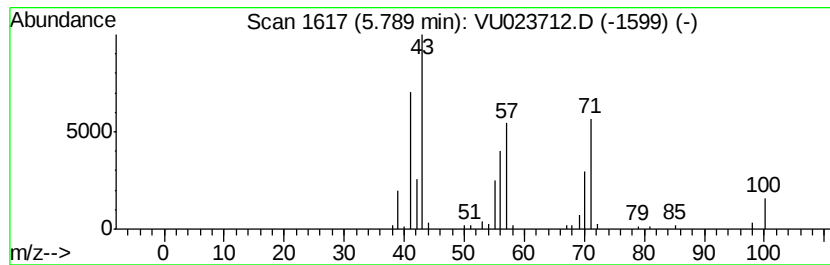
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	4.51 ug/L	74131	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	91
2		Heptane	100	C7H16	000142-82-5	83
3		Heptane	100	C7H16	000142-82-5	72
4		Heptane	100	C7H16	000142-82-5	72
5		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	50



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050718\
Data File : VU023712.D
Acq On : 07 May 2018 13:43
Operator : MD/SY
Sample : J2691-22MEDL 50X
Misc : 2.94g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

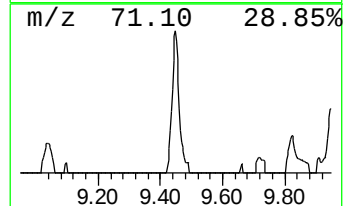
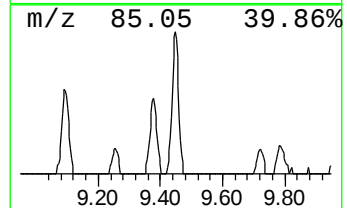
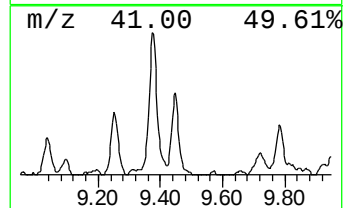
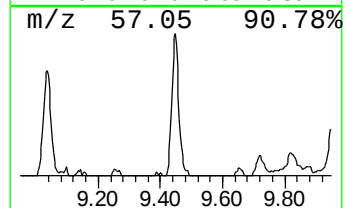
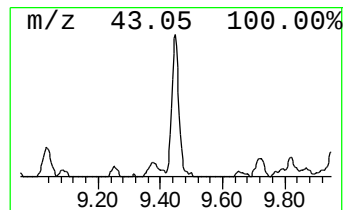
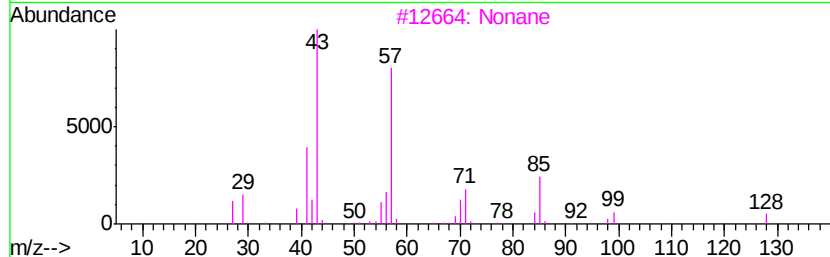
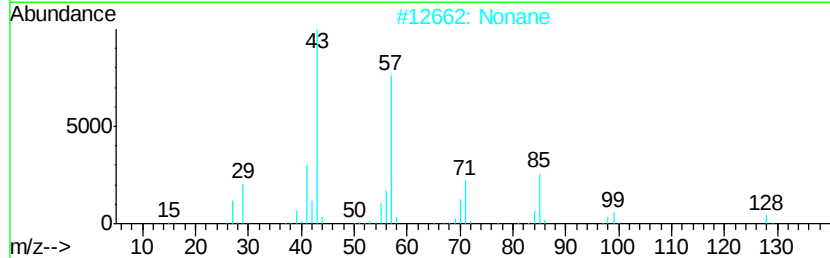
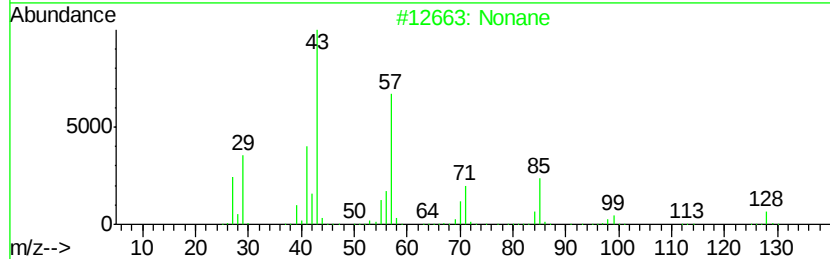
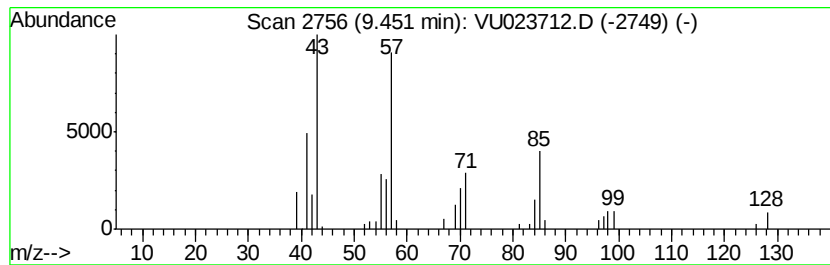
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	2.79 ug/L	54622	Chlorobenzene-d5	9.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane			128	C9H20	000111-84-2	90
2	Nonane			128	C9H20	000111-84-2	90
3	Nonane			128	C9H20	000111-84-2	68
4	Ether, heptyl hexyl			200	C13H28O	007289-40-9	53
5	Tetradecane			198	C14H30	000629-59-4	50



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050718\
Data File : VU023712.D
Acq On : 07 May 2018 13:43
Operator : MD/SY
Sample : J2691-22MEDL 50X
Misc : 2.94g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

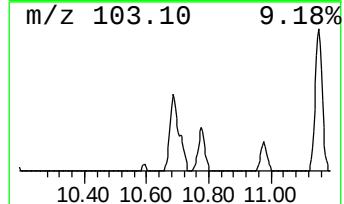
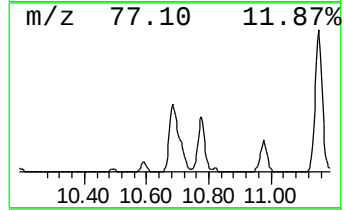
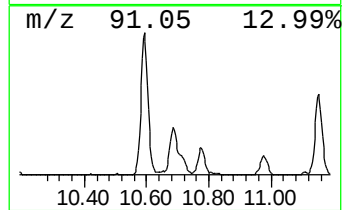
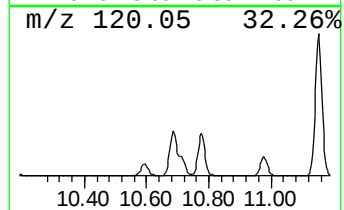
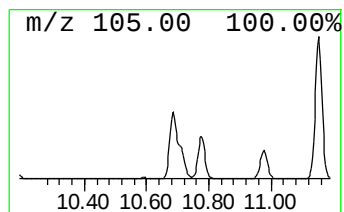
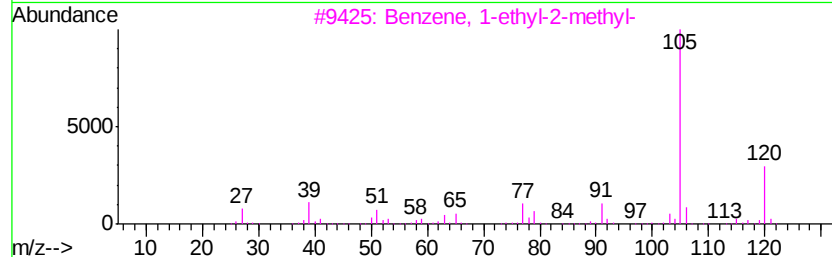
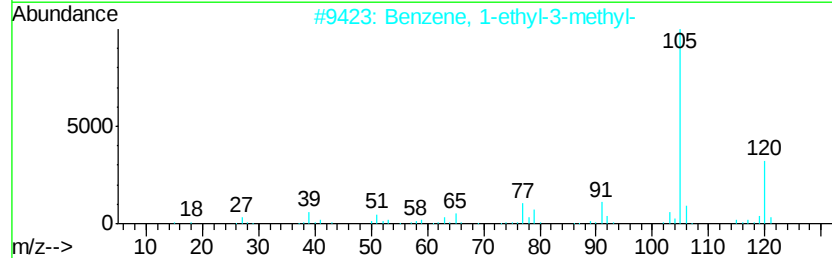
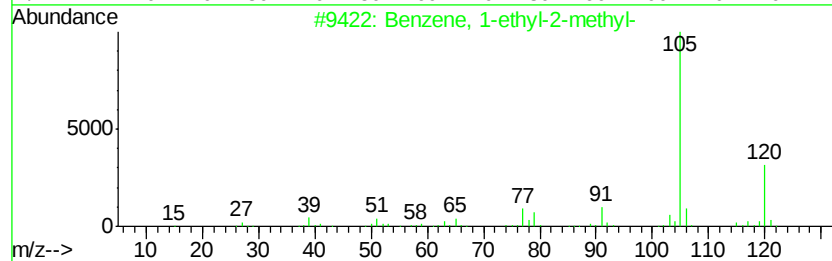
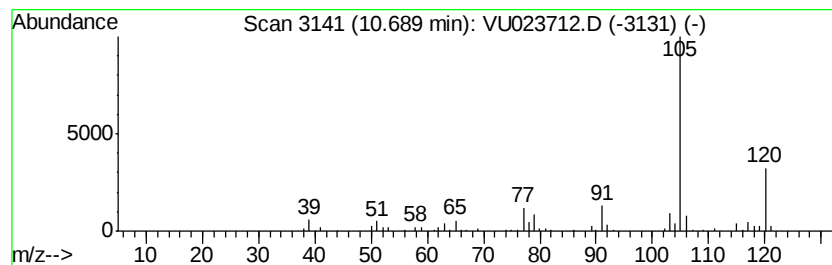
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

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

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	5.91 ug/L	123415	1,4-Dichlorobenzene-d4	11.49

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



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050718\
Data File : VU023712.D
Acq On : 07 May 2018 13:43
Operator : MD/SY
Sample : J2691-22MEDL 50X
Misc : 2.94g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

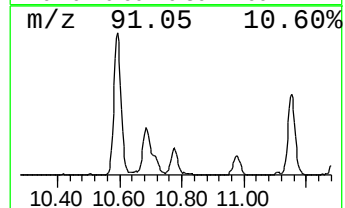
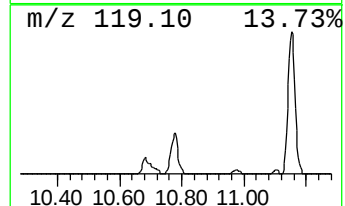
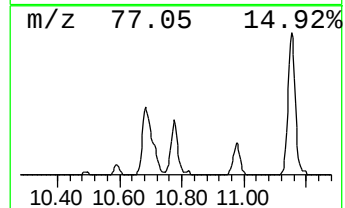
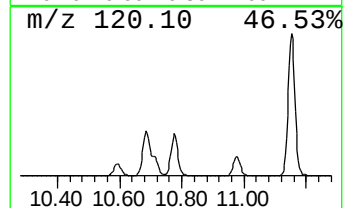
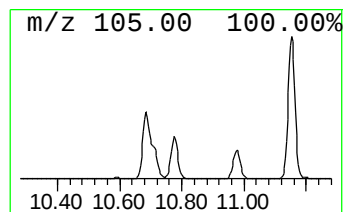
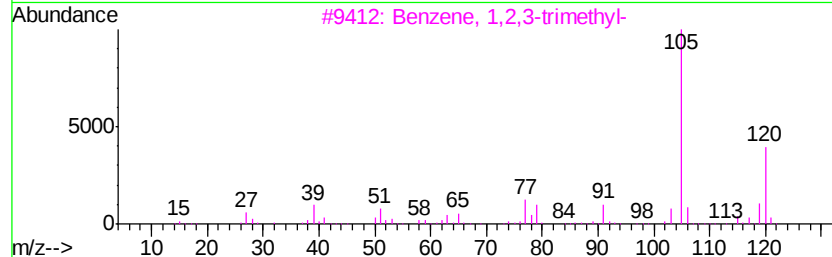
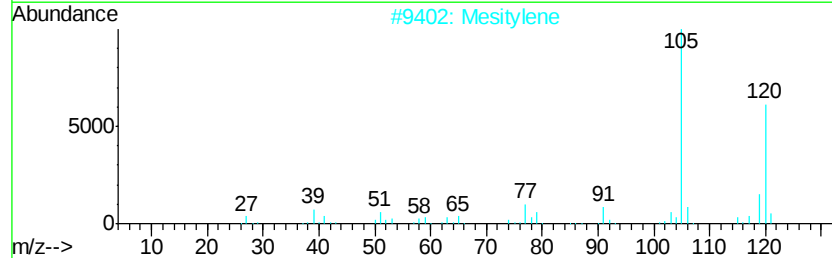
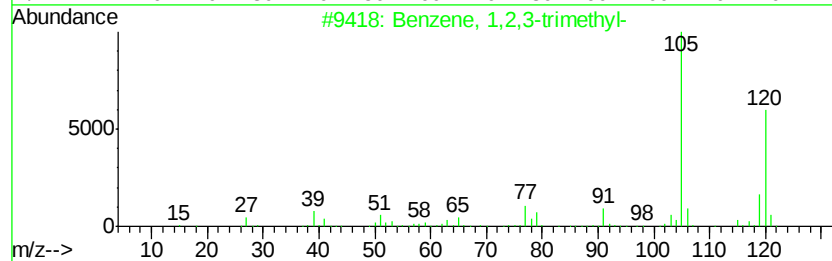
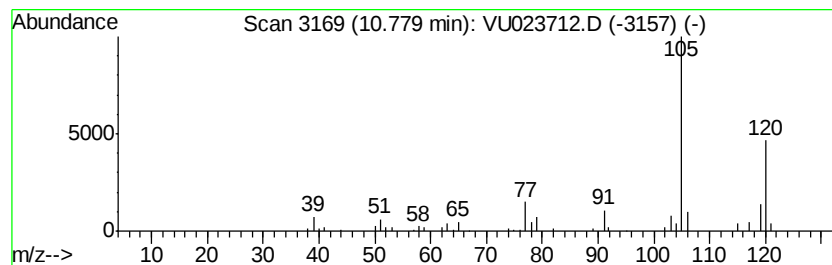
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	3.43 ug/L	71586	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		Mesitylene	120	C9H12	000108-67-8	95
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4		Mesitylene	120	C9H12	000108-67-8	91
5		Mesitylene	120	C9H12	000108-67-8	91



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050718\
Data File : VU023712.D
Acq On : 07 May 2018 13:43
Operator : MD/SY
Sample : J2691-22MEDL 50X
Misc : 2.94g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

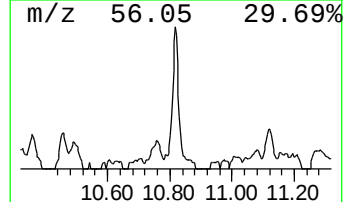
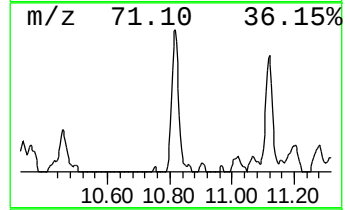
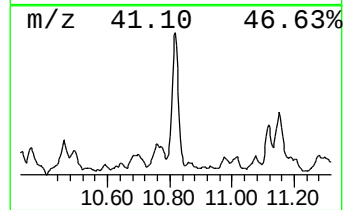
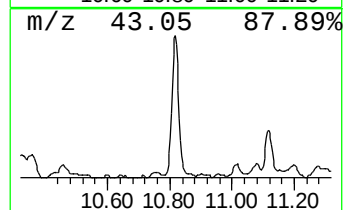
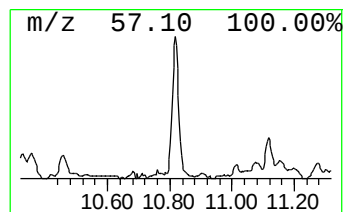
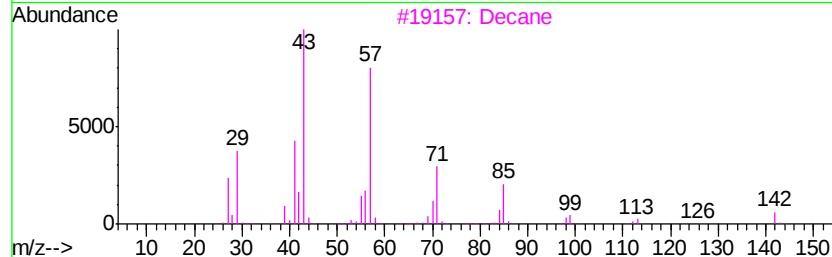
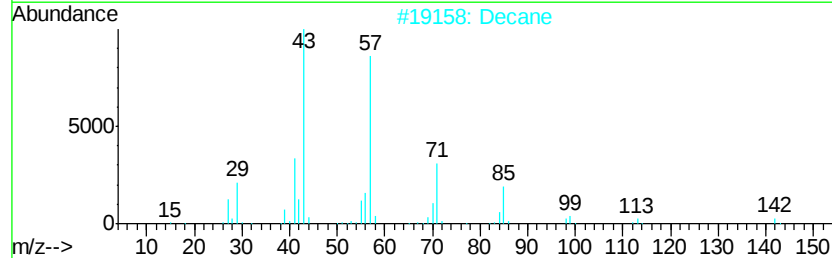
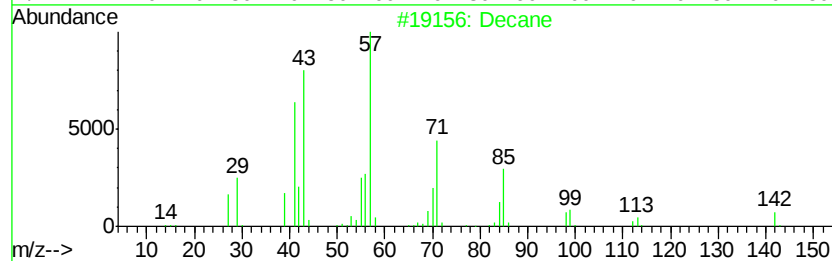
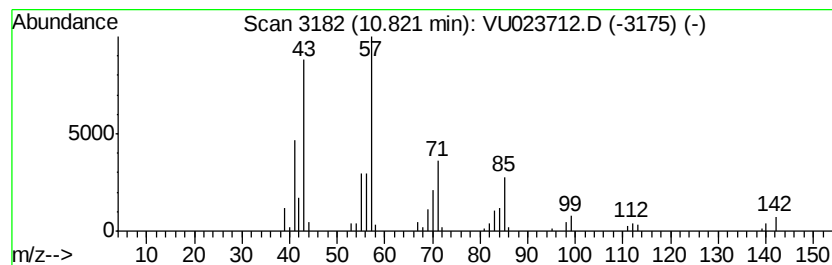
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	3.07 ug/L	64202	1,4-Dichlorobenzene-d4	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane			142	C10H22	000124-18-5	93
2	Decane			142	C10H22	000124-18-5	76
3	Decane			142	C10H22	000124-18-5	76
4	Decane			142	C10H22	000124-18-5	70
5	Decane, 3,6-dimethyl-			170	C12H26	017312-53-7	53



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050718\
Data File : VU023712.D
Acq On : 07 May 2018 13:43
Operator : MD/SY
Sample : J2691-22MEDL 50X
Misc : 2.94uL/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

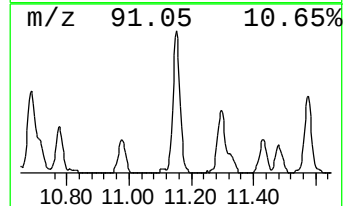
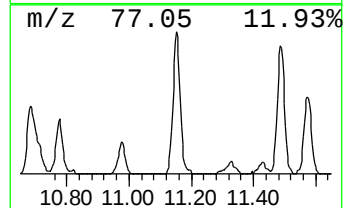
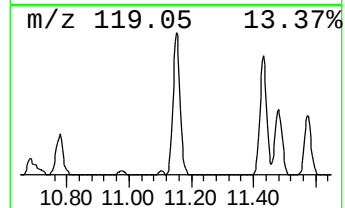
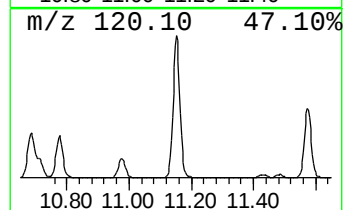
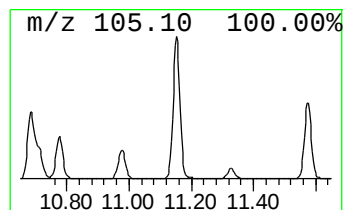
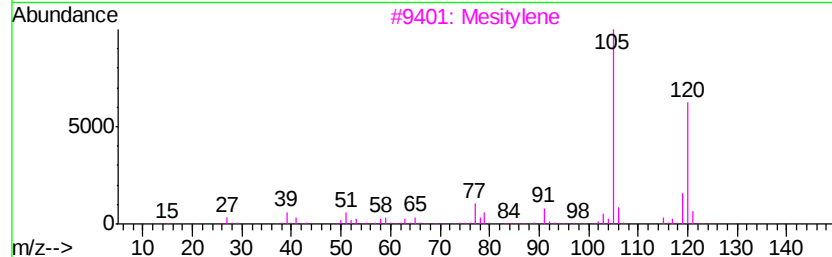
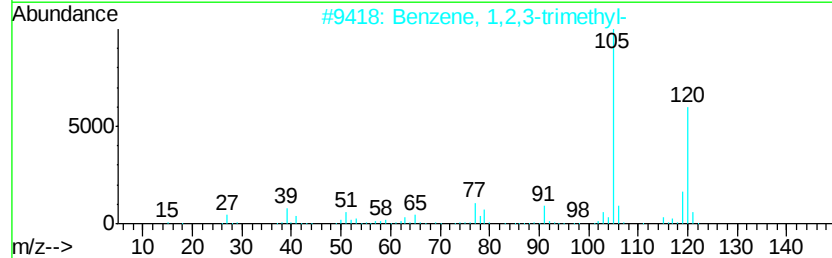
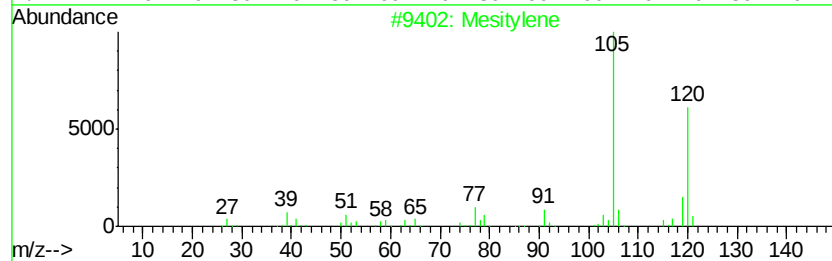
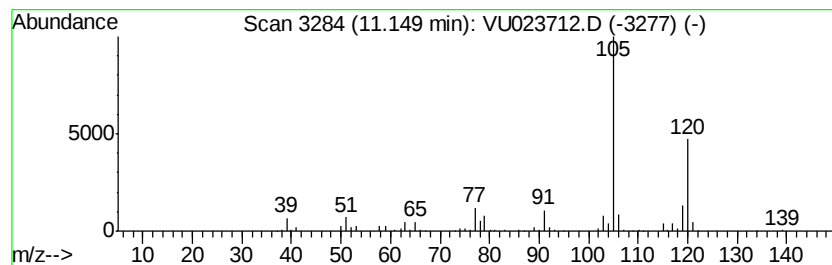
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

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

Peak Number 8 Mesitylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	11.47 ug/L	239612	1,4-Dichlorobenzene-d4	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene		120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-		120	C9H12	000526-73-8	97
3	Mesitylene		120	C9H12	000108-67-8	95
4	Benzene, 1,2,4-trimethyl-		120	C9H12	000095-63-6	95
5	Mesitylene		120	C9H12	000108-67-8	94



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050718\
Data File : VU023712.D
Acq On : 07 May 2018 13:43
Operator : MD/SY
Sample : J2691-22MEDL 50X
Misc : 2.94g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

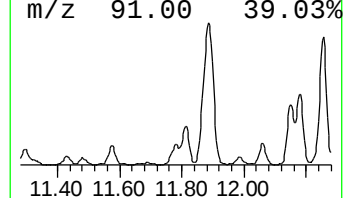
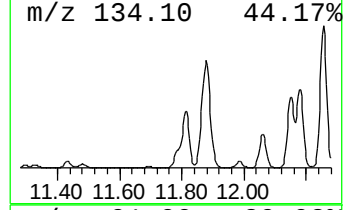
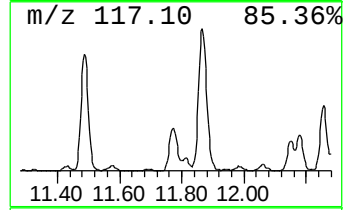
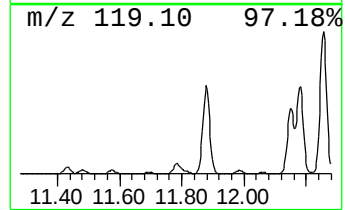
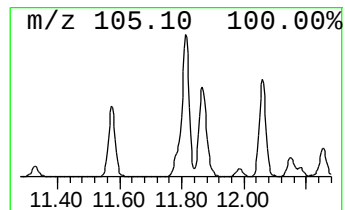
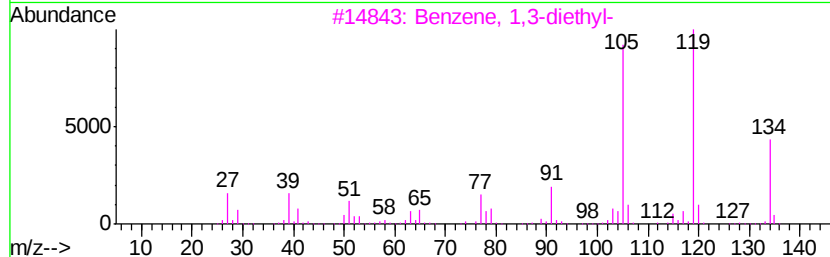
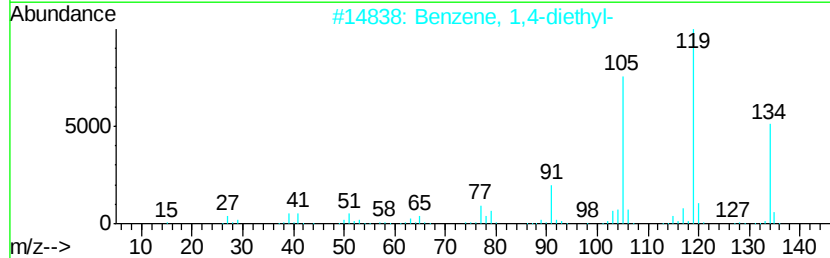
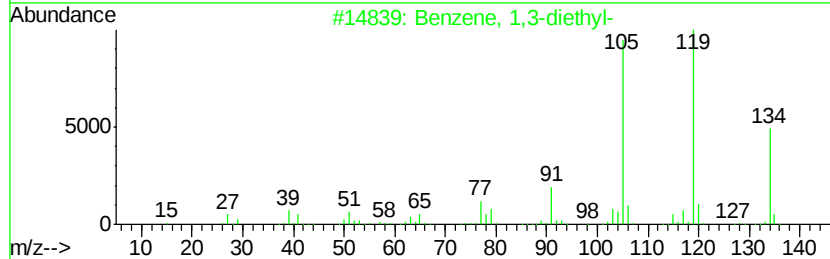
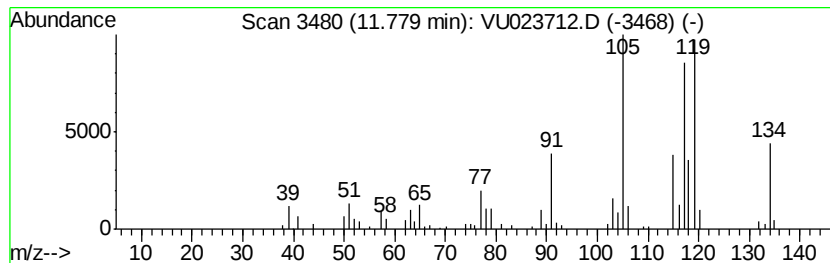
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

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

Peak Number 10 Benzene, 1,3-diethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	3.76 ug/L	78471	1,4-Dichlorobenzene-d4	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	70
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70
5			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	70



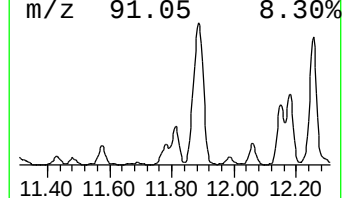
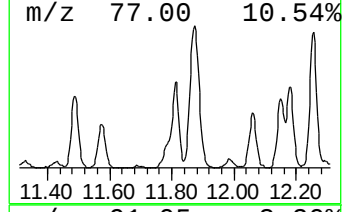
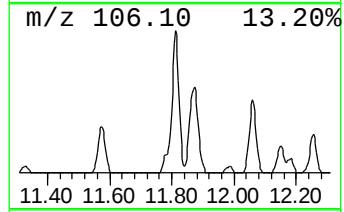
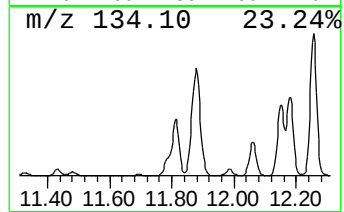
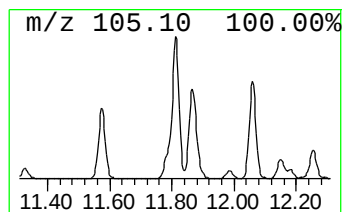
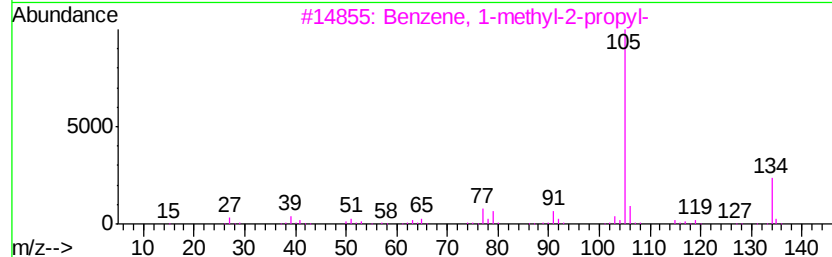
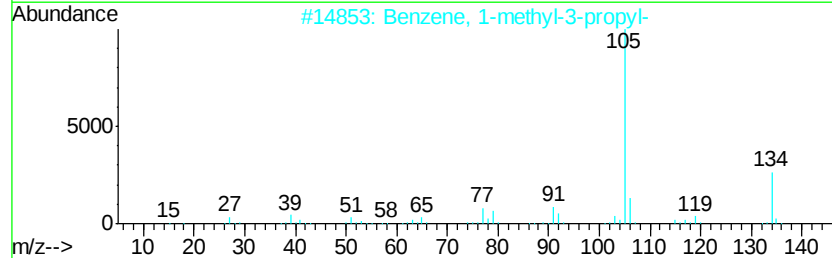
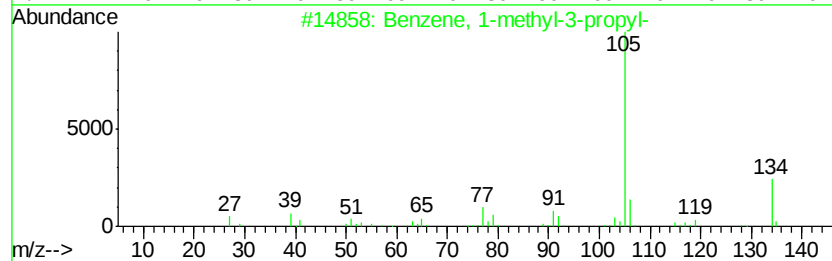
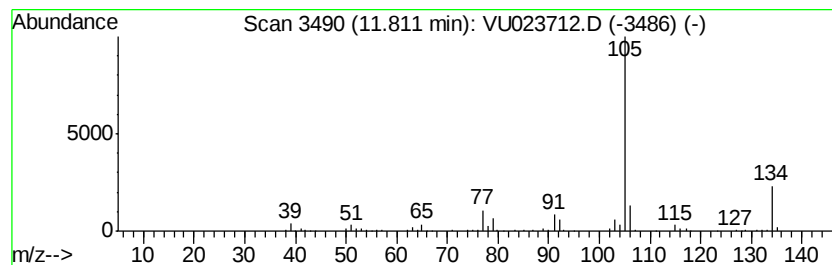
Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050718\
Data File : VU023712.D
Acq On : 07 May 2018 13:43
Operator : MD/SY
Sample : J2691-22MEDL 50X
Misc : 2.94uL/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

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

Peak Number 11 Benzene, 1-methyl-3-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.81	8.40 ug/L	175441	1,4-Dichlorobenzene-d4	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	94
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050718\
Data File : VU023712.D
Acq On : 07 May 2018 13:43
Operator : MD/SY
Sample : J2691-22MEDL 50X
Misc : 2.94g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

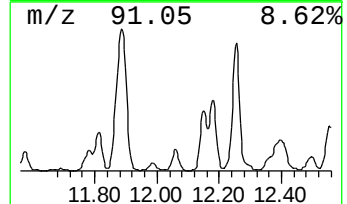
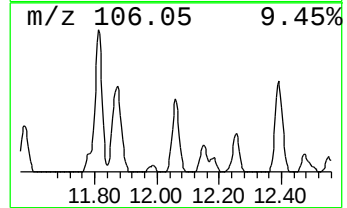
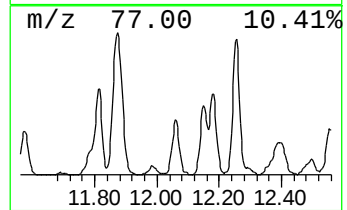
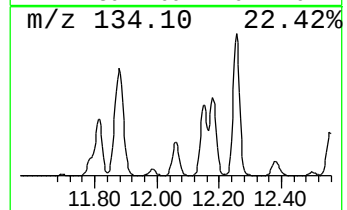
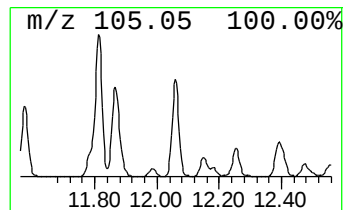
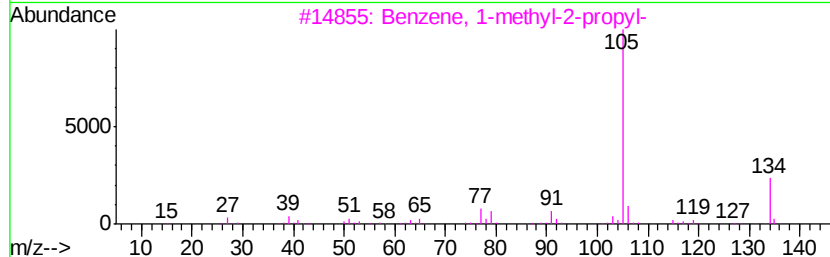
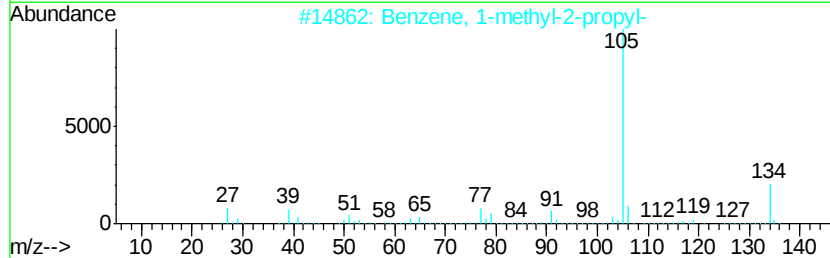
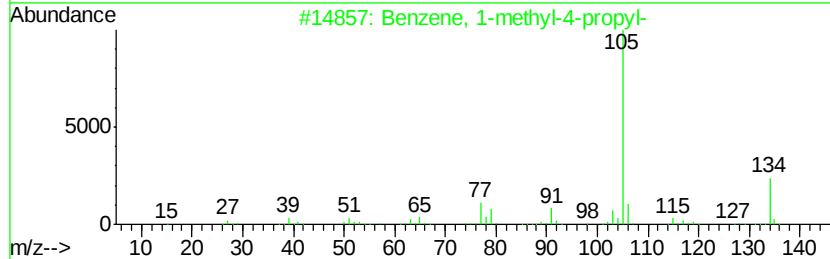
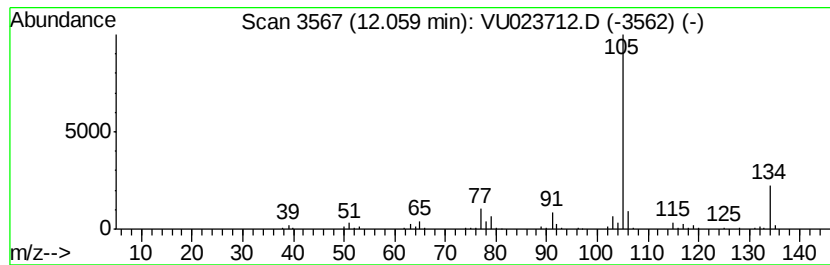
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

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

Peak Number 12 Benzene, 1-methyl-4-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	5.95 ug/L	124169	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
5		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050718\
Data File : VU023712.D
Acq On : 07 May 2018 13:43
Operator : MD/SY
Sample : J2691-22MEDL 50X
Misc : 2.94uL/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

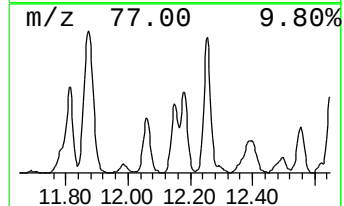
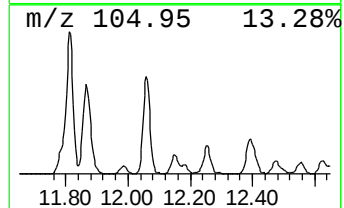
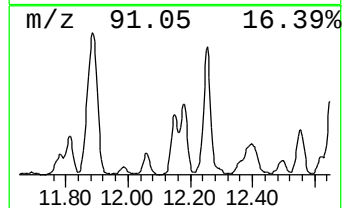
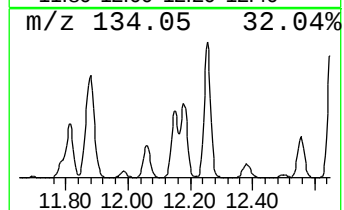
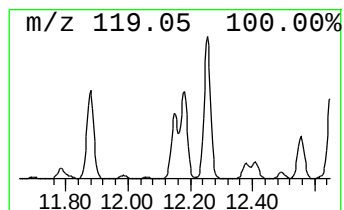
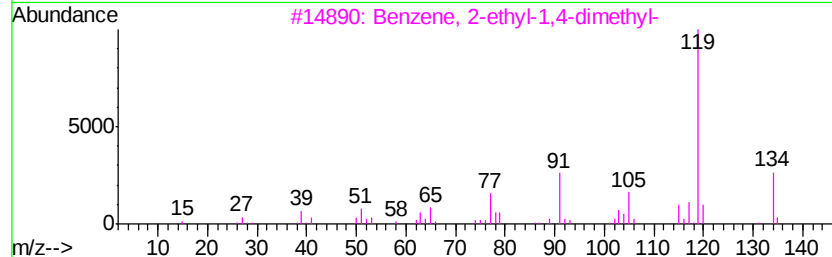
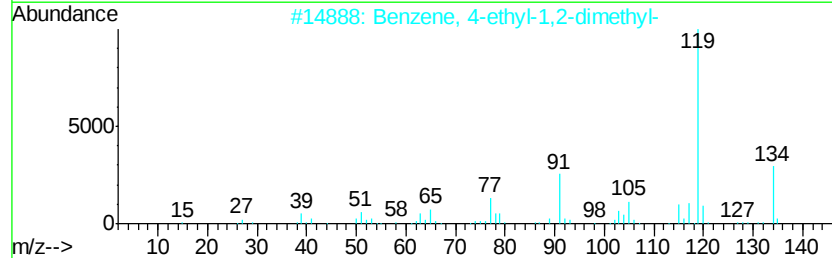
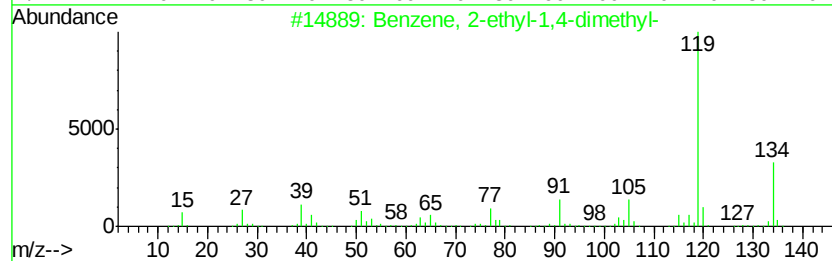
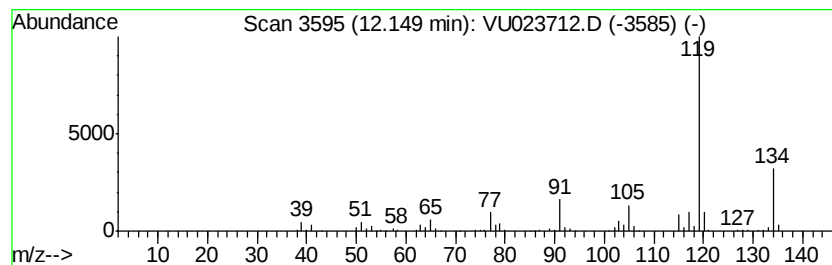
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

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

Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	11.02 ug/L	230075	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050718\
Data File : VU023712.D
Acq On : 07 May 2018 13:43
Operator : MD/SY
Sample : J2691-22MEDL 50X
Misc : 2.94uL/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

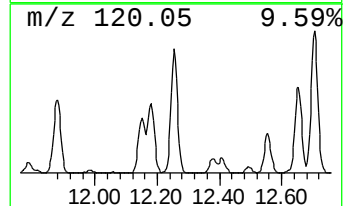
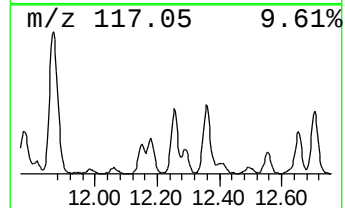
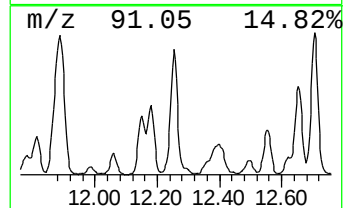
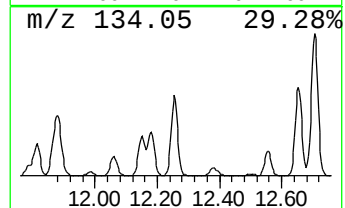
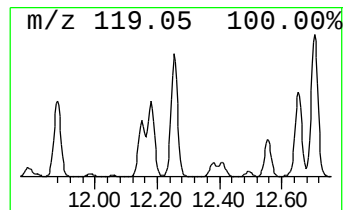
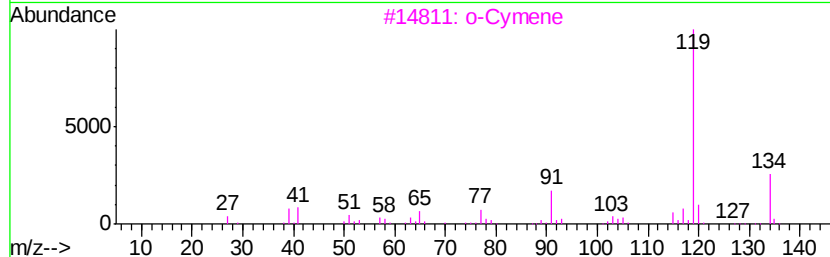
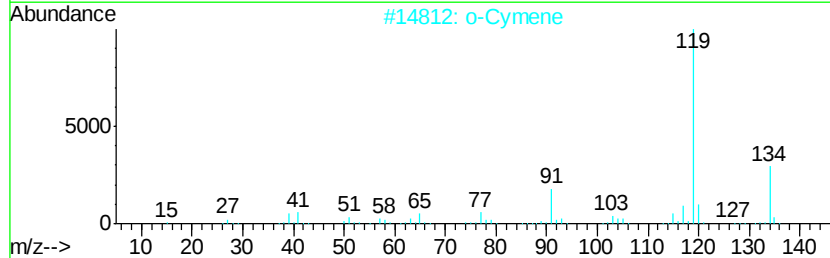
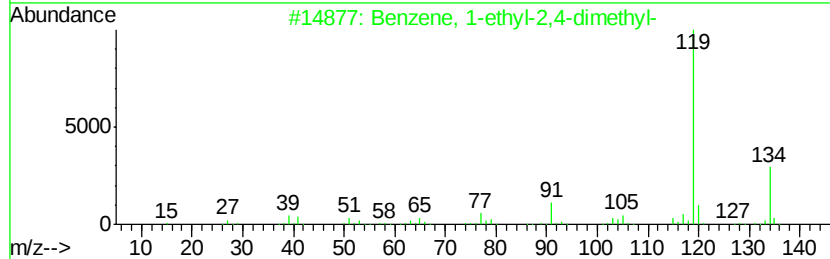
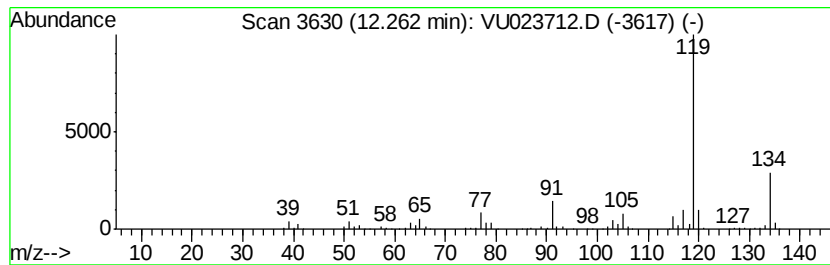
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

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

Peak Number 14 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	21.23 ug/L	443450	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2		o-Cymene	134	C10H14	000527-84-4	95
3		o-Cymene	134	C10H14	000527-84-4	95
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050718\
Data File : VU023712.D
Acq On : 07 May 2018 13:43
Operator : MD/SY
Sample : J2691-22MEDL 50X
Misc : 2.94g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

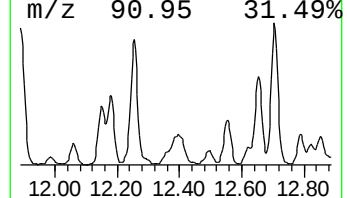
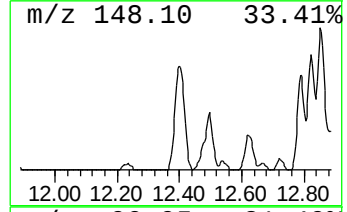
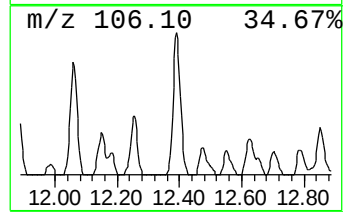
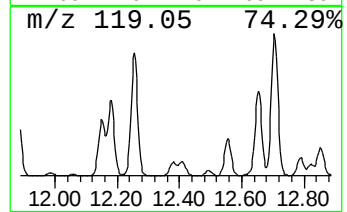
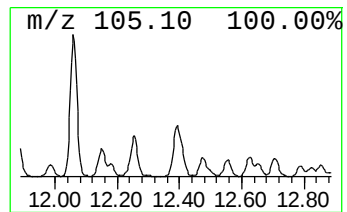
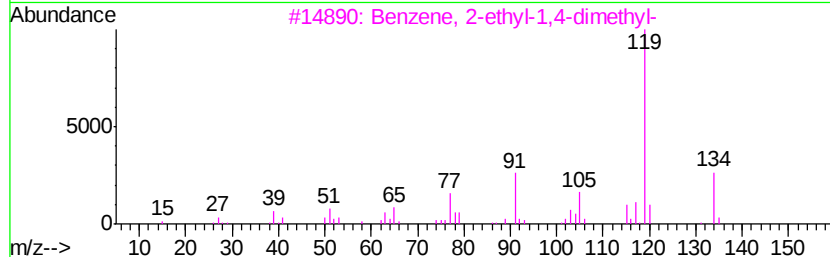
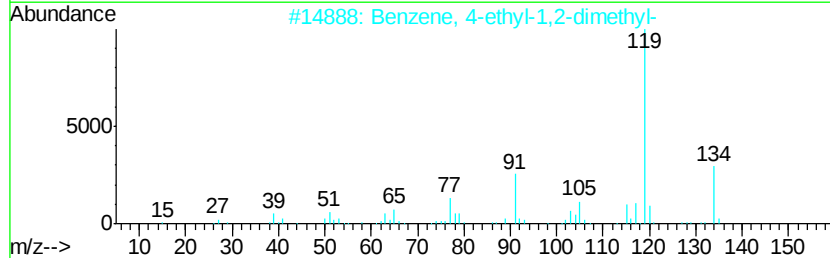
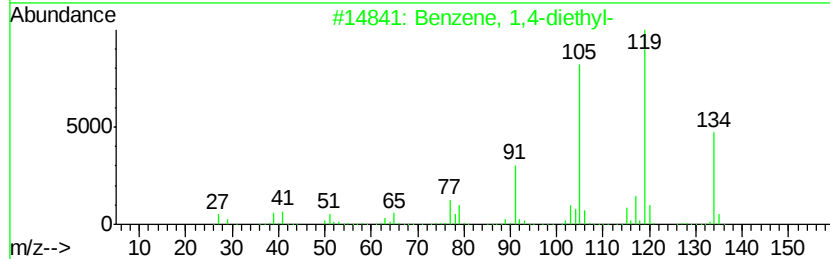
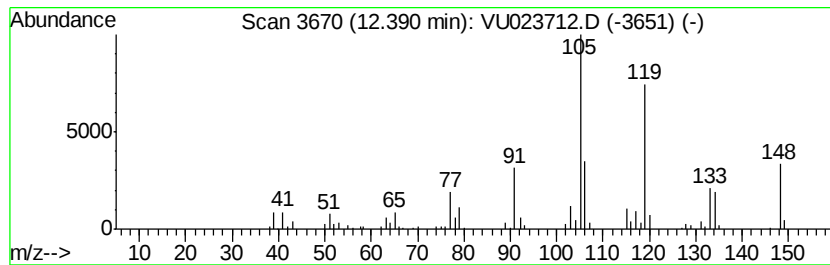
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 1,4-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	11.10 ug/L	231851	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	53
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	50
4		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	49
5		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	45



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050718\
Data File : VU023712.D
Acq On : 07 May 2018 13:43
Operator : MD/SY
Sample : J2691-22MEDL 50X
Misc : 2.94g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

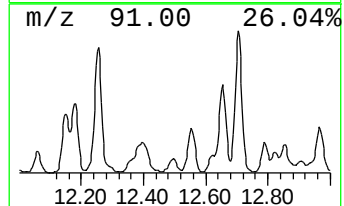
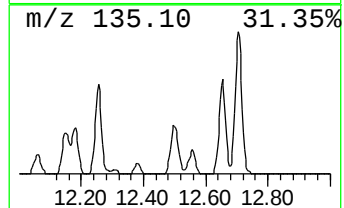
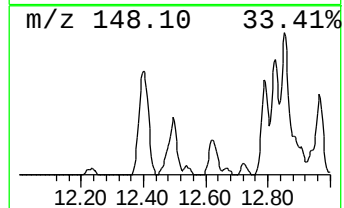
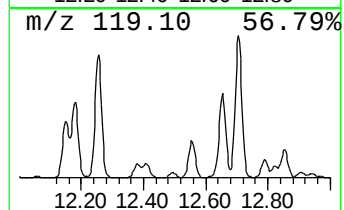
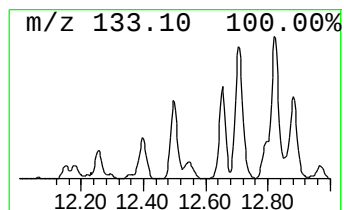
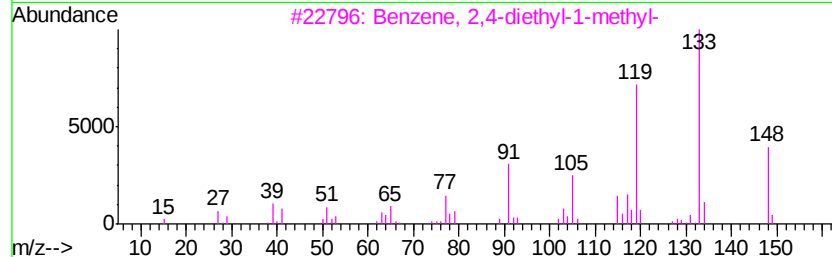
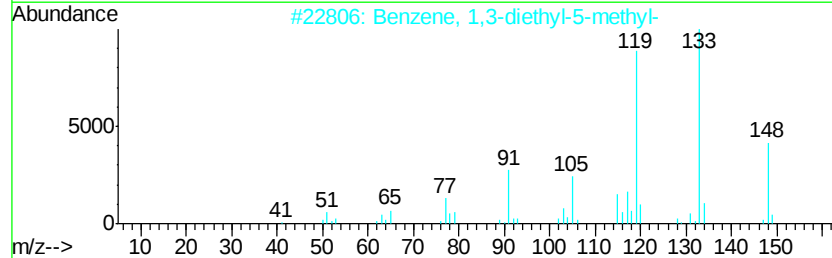
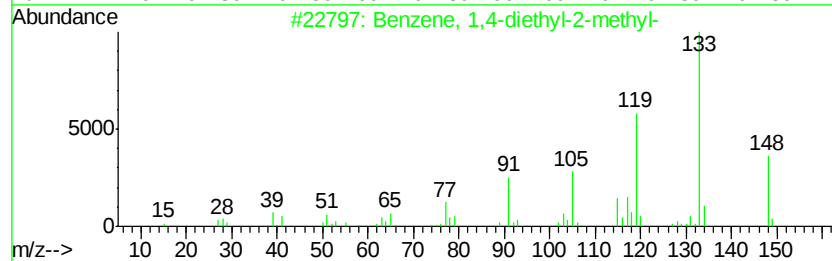
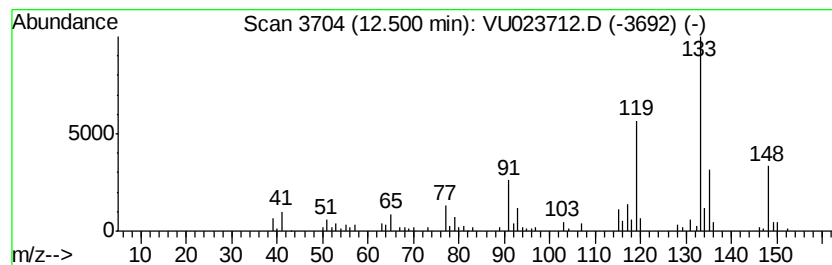
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

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

Peak Number 16 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	2.84 ug/L	59316	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	93
2		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	92
3		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	91
4		Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	62
5		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	62



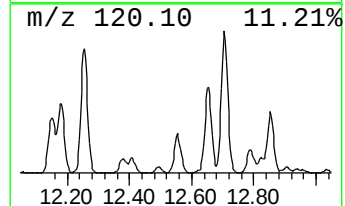
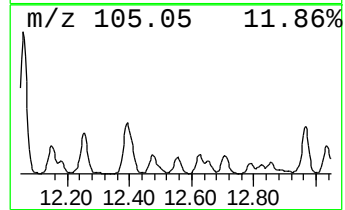
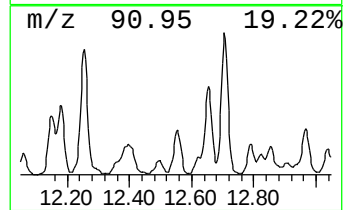
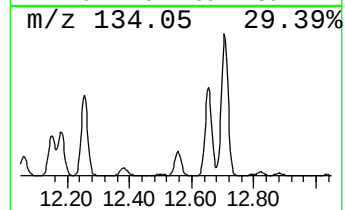
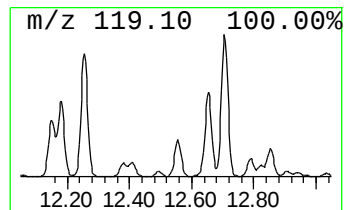
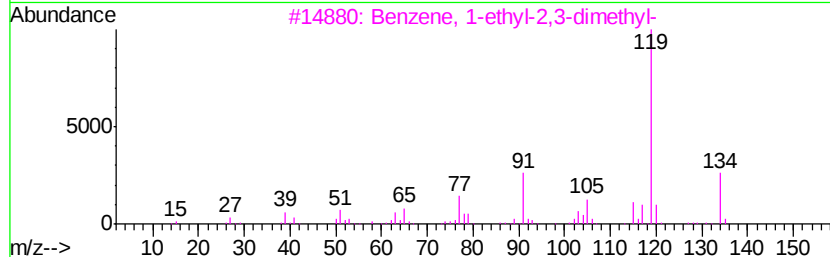
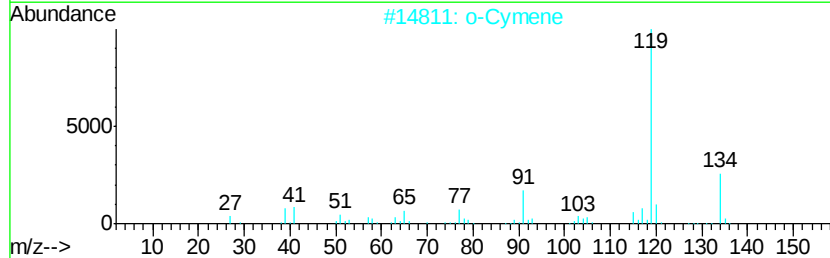
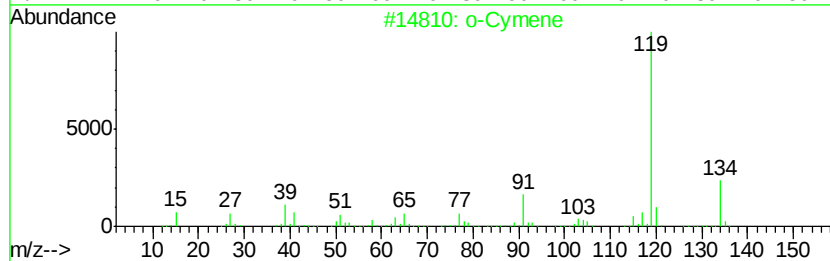
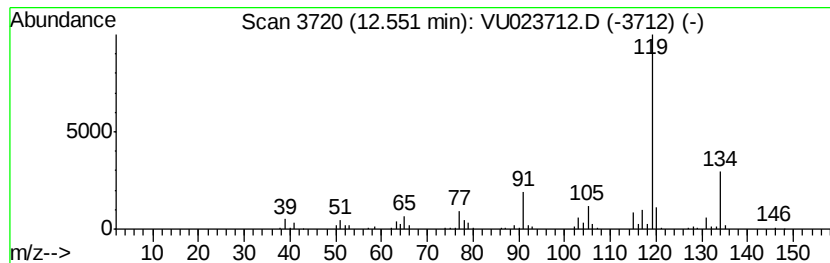
Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050718\
Data File : VU023712.D
Acq On : 07 May 2018 13:43
Operator : MD/SY
Sample : J2691-22MEDL 50X
Misc : 2.94uL/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

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

Peak Number 17 o-Cymene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.55	7.76 ug/L	162005	1,4-Dichlorobenzene-d4	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	o-Cymene	134	C10H14	000527-84-4	94



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050718\
Data File : VU023712.D
Acq On : 07 May 2018 13:43
Operator : MD/SY
Sample : J2691-22MEDL 50X
Misc : 2.94u/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

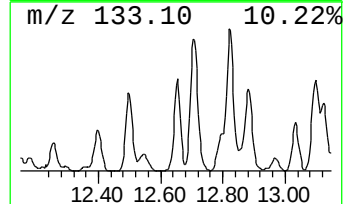
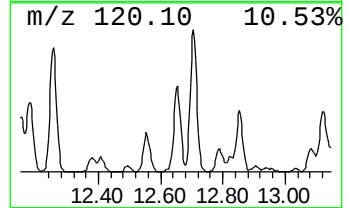
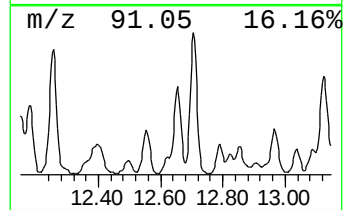
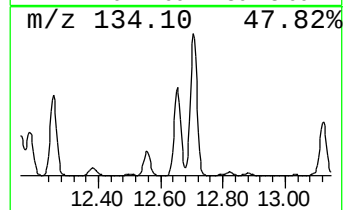
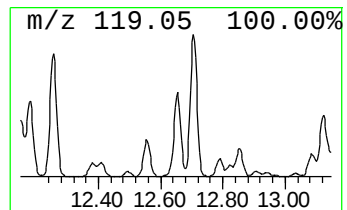
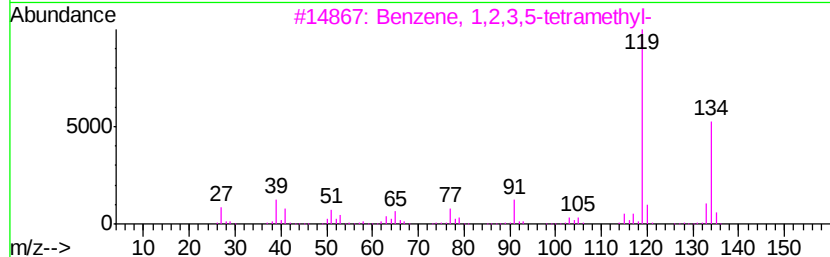
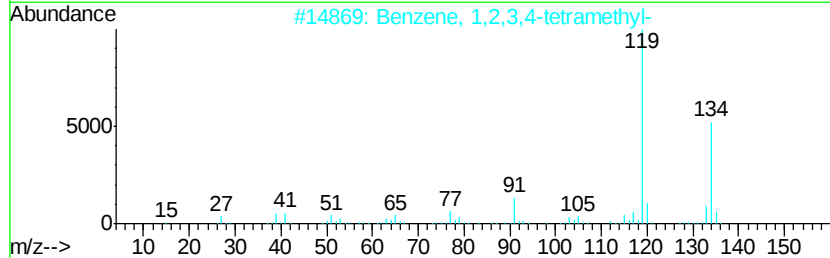
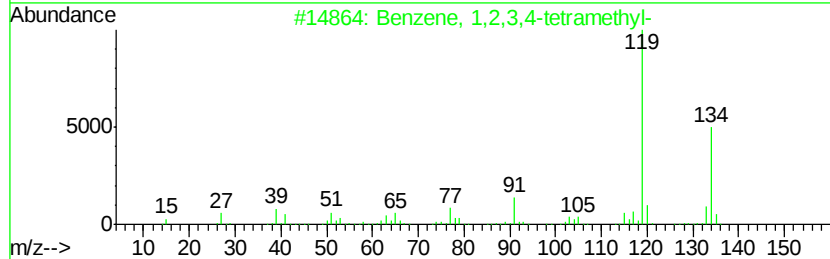
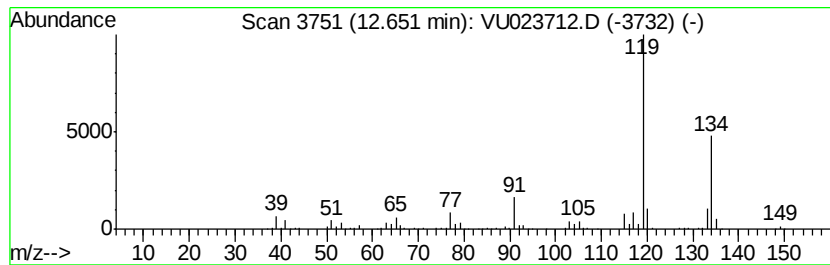
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

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

Peak Number 18 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	19.45 ug/L	406282	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050718\
Data File : VU023712.D
Acq On : 07 May 2018 13:43
Operator : MD/SY
Sample : J2691-22MEDL 50X
Misc : 2.94g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

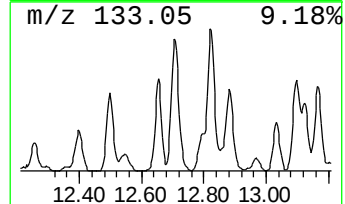
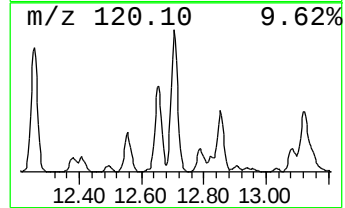
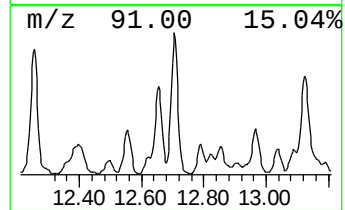
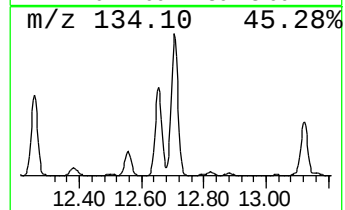
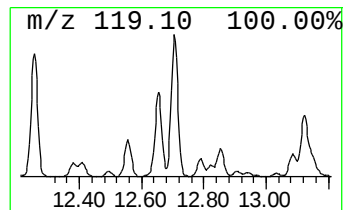
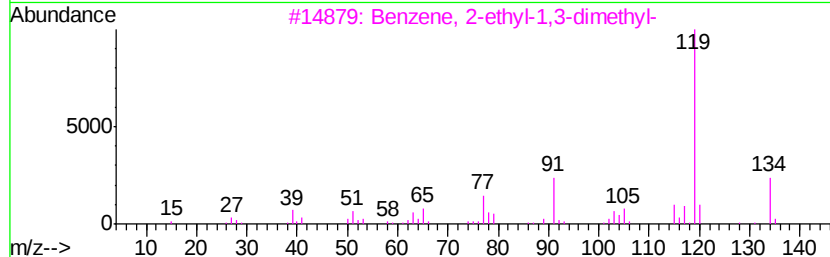
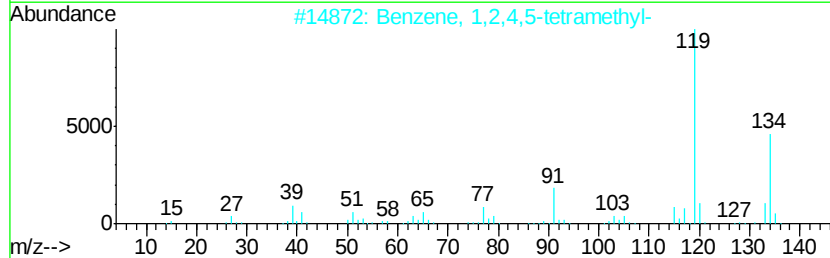
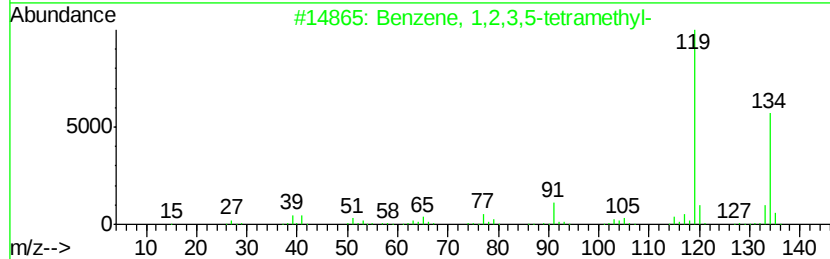
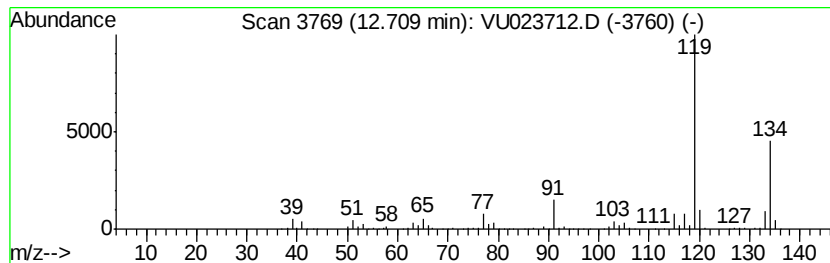
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

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

Peak Number 19 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	27.42 ug/L	572745	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050718\
Data File : VU023712.D
Acq On : 07 May 2018 13:43
Operator : MD/SY
Sample : J2691-22MEDL 50X
Misc : 2.94g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

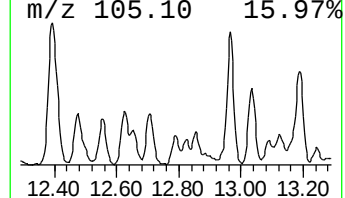
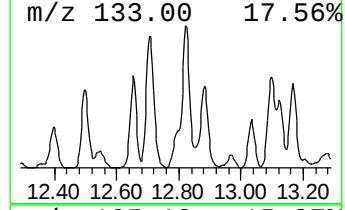
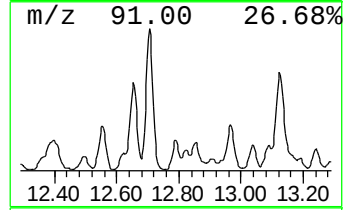
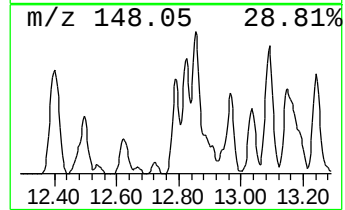
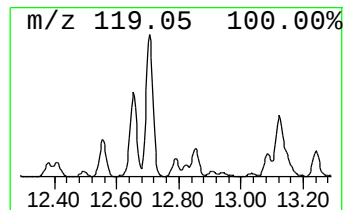
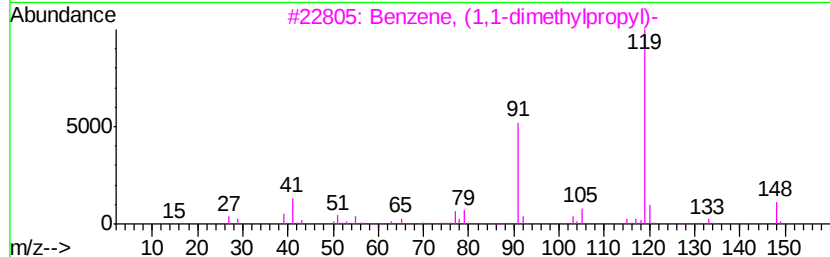
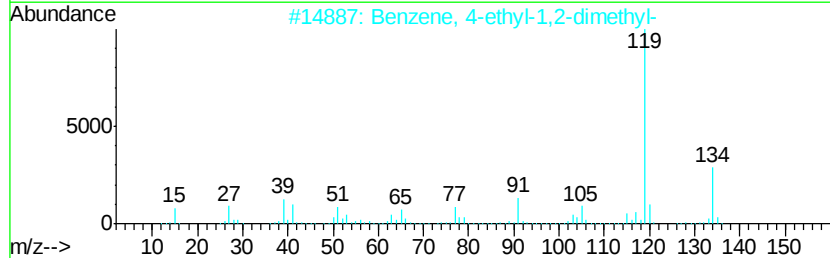
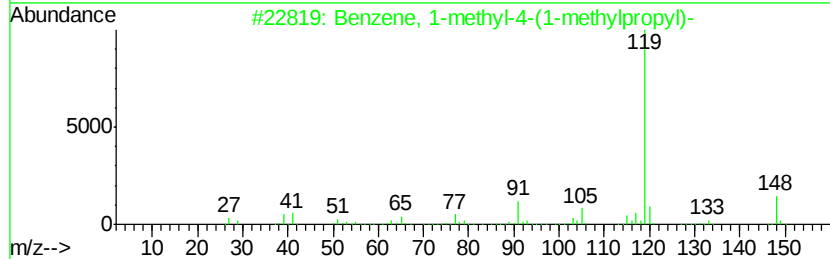
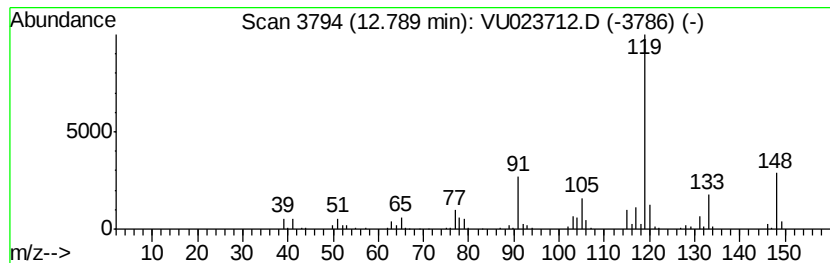
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

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

Peak Number 20 Benzene, 1-methyl-4-(1-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	3.84 ug/L	80210	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	87
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	68
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
5		o-Cymene	134	C10H14	000527-84-4	64



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050718\
Data File : VU023712.D
Acq On : 07 May 2018 13:43
Operator : MD/SY
Sample : J2691-22MEDL 50X
Misc : 2.94g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

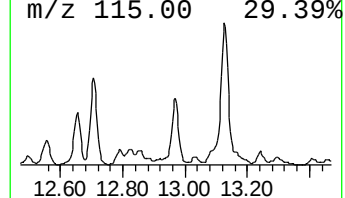
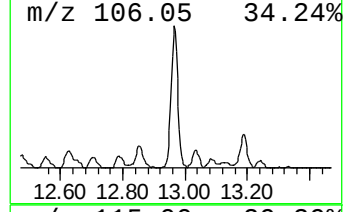
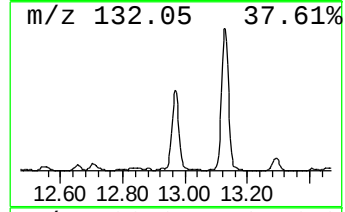
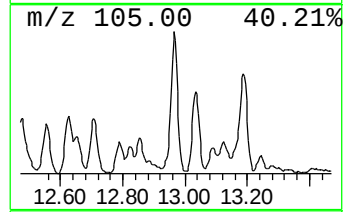
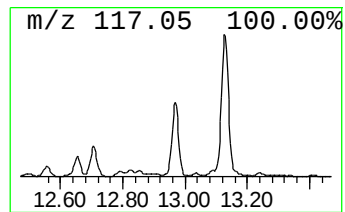
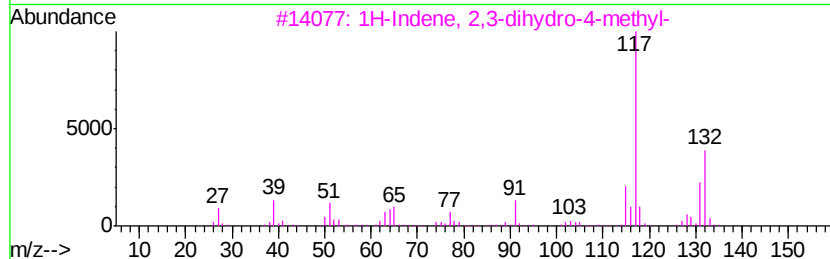
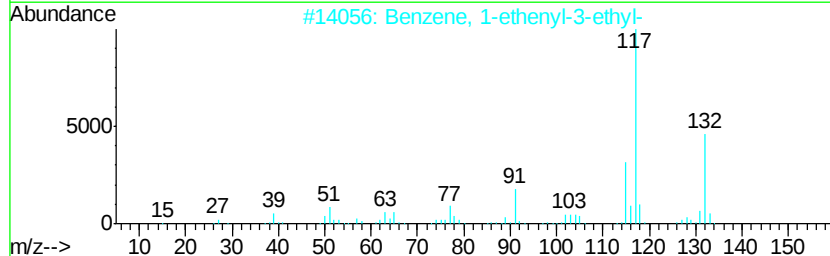
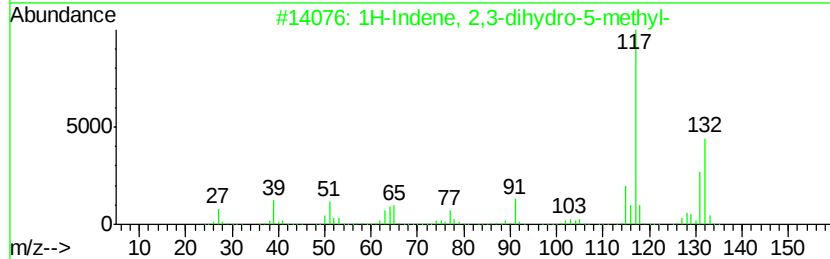
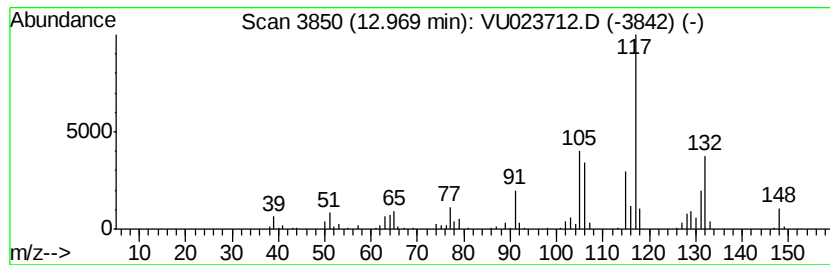
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

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

Peak Number 21 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	9.09 ug/L	189823	1,4-Dichlorobenzene-d4	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76
2			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76
3			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
4			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	76
5			Benzene, 2-butenyl-	132	C10H12	001560-06-1	76



Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050718\
 Data File : VU023712.D
 Acq On : 07 May 2018 13:43
 Operator : MD/SY
 Sample : J2691-22MEDL 50X
 Misc : 2.94g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.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
(DEL) Alkane: Str...	5.79	4.5	ug/L	74131	1	5.89	821113	50.0
(DEL) Alkane: Str...	9.45	2.8	ug/L	54622	2	9.09	980411	50.0
Benzene, 1-ethyl-...	10.69	5.9	ug/L	123415	3	11.49	1044270	50.0
Benzene, 1,2,3-tr...	10.78	3.4	ug/L	71586	3	11.49	1044270	50.0
(DEL) Alkane: Str...	10.82	3.1	ug/L	64202	3	11.49	1044270	50.0
Mesitylene	11.15	11.5	ug/L	239612	3	11.49	1044270	50.0
Benzene, 1,3-diet...	11.78	3.8	ug/L	78471	3	11.49	1044270	50.0
Benzene, 1-methyl...	11.81	8.4	ug/L	175441	3	11.49	1044270	50.0
Benzene, 1-methyl...	12.06	6.0	ug/L	124169	3	11.49	1044270	50.0
Benzene, 2-ethyl-...	12.15	11.0	ug/L	230075	3	11.49	1044270	50.0
Benzene, 1-ethyl-...	12.26	21.2	ug/L	443450	3	11.49	1044270	50.0
Benzene, 1,4-diet...	12.39	11.1	ug/L	231851	3	11.49	1044270	50.0
Benzene, 1,4-diet...	12.50	2.8	ug/L	59316	3	11.49	1044270	50.0
o-Cymene	12.55	7.8	ug/L	162005	3	11.49	1044270	50.0
Benzene, 1,2,3,4-...	12.65	19.4	ug/L	406282	3	11.49	1044270	50.0
Benzene, 1,2,3,5-...	12.71	27.4	ug/L	572745	3	11.49	1044270	50.0
Benzene, 1-methyl...	12.79	3.8	ug/L	80210	3	11.49	1044270	50.0
1H-Indene, 2,3-di...	12.97	9.1	ug/L	189823	3	11.49	1044270	50.0