

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050618\
 Data File : VU023689.D
 Acq On : 06 May 2018 14:38
 Operator : MD/SY
 Sample : J2721-18DL 20X
 Misc : 3.72g/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	137	155	175	rBV	1318007	1507982	77.47%	6.150%
2	1.182	180	184	191	rVB	8184	8639	0.44%	0.035%
3	1.397	245	251	263	rBV	172352	177523	9.12%	0.724%
4	1.674	329	337	355	rVB	125657	166650	8.56%	0.680%
5	2.188	491	497	506	rVB5	3669	5202	0.27%	0.021%
6	2.272	512	523	537	rBV	276661	417471	21.45%	1.702%
7	2.442	570	576	583	rBV3	348	604	0.03%	0.002%
8	2.706	650	658	663	rVV5	924	1322	0.07%	0.005%
9	2.837	688	699	715	rVB2	3070	5815	0.30%	0.024%
10	4.175	1100	1115	1150	rBV	114545	302106	15.52%	1.232%
11	4.651	1245	1263	1292	rBV	205198	484644	24.90%	1.976%
12	4.886	1330	1336	1348	rVB4	543	1109	0.06%	0.005%
13	4.989	1359	1368	1378	rBV5	1774	3215	0.17%	0.013%
14	5.220	1429	1440	1451	rVB6	2277	4760	0.24%	0.019%
15	5.342	1454	1478	1513	rBV2	436135	1292583	66.40%	5.271%
16	5.786	1607	1616	1633	rVB3	4968	9677	0.50%	0.039%
17	5.889	1633	1648	1678	rBV	458994	918741	47.20%	3.747%
18	6.178	1731	1738	1744	rBV3	1597	2565	0.13%	0.010%
19	6.252	1755	1761	1763	rBV2	378	426	0.02%	0.002%
20	6.333	1772	1786	1805	rBV	283259	576279	29.60%	2.350%
21	6.532	1843	1848	1850	rBV3	833	693	0.04%	0.003%
22	6.741	1904	1913	1917	rVV5	622	813	0.04%	0.003%
23	6.860	1943	1950	1955	rBV3	659	857	0.04%	0.003%
24	7.107	2021	2027	2031	rBV2	715	848	0.04%	0.003%
25	7.185	2042	2051	2054	rVV5	3754	5697	0.29%	0.023%
26	7.230	2054	2065	2085	rVB2	151191	270353	13.89%	1.103%
27	7.349	2092	2102	2111	rVB4	3284	5305	0.27%	0.022%
28	7.567	2150	2170	2183	rBV	587167	1043179	53.59%	4.254%
29	7.641	2184	2193	2209	rVB	100248	181700	9.33%	0.741%
30	7.853	2241	2259	2273	rBV	105619	195777	10.06%	0.798%
31	8.050	2311	2320	2329	rBV4	2608	4209	0.22%	0.017%
32	8.165	2347	2356	2366	rBV3	824	1393	0.07%	0.006%
33	8.233	2370	2377	2387	rVB5	4640	6762	0.35%	0.028%
34	8.313	2390	2402	2431	rBV	386969	666644	34.25%	2.719%

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

35	8.548	2466	2475	2486	rVB3	8632	14952	0.77%	0.061%
36	8.615	2486	2496	2507	rBV7	4132	8155	0.42%	0.033%
37	8.818	2550	2559	2564	rBV4	3077	5096	0.26%	0.021%
38	8.853	2564	2570	2580	rVV7	3554	6761	0.35%	0.028%
39	8.911	2580	2588	2602	rVB2	11022	18480	0.95%	0.075%
40	9.037	2617	2627	2633	rBV	8291	13012	0.67%	0.053%
41	9.091	2633	2644	2682	rVB	659930	1117193	57.39%	4.556%
42	9.252	2683	2694	2709	rBV	167256	271424	13.94%	1.107%
43	9.377	2720	2733	2747	rBV	838365	1391224	71.47%	5.673%
44	9.448	2748	2755	2772	rVB2	37934	61641	3.17%	0.251%
45	9.567	2787	2792	2793	rBV3	621	542	0.03%	0.002%
46	9.718	2824	2839	2847	rBV7	7377	14202	0.73%	0.058%
47	9.783	2848	2859	2884	rVB	338111	545164	28.01%	2.223%
48	9.953	2896	2912	2924	rVB5	9489	19344	0.99%	0.079%
49	10.011	2924	2930	2933	rBV3	1263	1701	0.09%	0.007%
50	10.046	2933	2941	2949	rBV5	8352	13111	0.67%	0.053%
51	10.172	2969	2980	2990	rBV2	10587	16971	0.87%	0.069%
52	10.217	2990	2994	2995	rBV2	642	440	0.02%	0.002%
53	10.262	3002	3008	3015	rVB6	3023	3946	0.20%	0.016%
54	10.435	3050	3062	3077	rBV	388472	627748	32.25%	2.560%
55	10.593	3101	3111	3121	rBV	13942	22025	1.13%	0.090%
56	10.683	3130	3139	3156	rBV	56129	123913	6.37%	0.505%
57	10.776	3157	3168	3174	rVV	34707	57917	2.98%	0.236%
58	10.818	3174	3181	3194	rVB	50220	74217	3.81%	0.303%
59	10.975	3221	3230	3238	rBV2	25647	39057	2.01%	0.159%
60	11.078	3256	3262	3267	rBV6	2848	3897	0.20%	0.016%
61	11.120	3268	3275	3276	rVV2	11597	12044	0.62%	0.049%
62	11.152	3276	3285	3297	rVB	180666	274922	14.12%	1.121%
63	11.297	3314	3330	3334	rBV4	8570	19009	0.98%	0.078%
64	11.397	3352	3361	3365	rBV5	8202	12863	0.66%	0.052%
65	11.432	3366	3372	3378	rVV	19173	25822	1.33%	0.105%
66	11.487	3378	3389	3407	rVV	763912	1200016	61.65%	4.894%
67	11.573	3407	3416	3425	rBV	137488	200019	10.28%	0.816%
68	11.782	3467	3481	3484	rBV3	117127	206165	10.59%	0.841%
69	11.811	3485	3490	3497	rVV	268735	389110	19.99%	1.587%
70	11.866	3497	3507	3529	rVB4	962907	1946644	100.00%	7.939%
71	11.985	3535	3544	3550	rBV	22530	34267	1.76%	0.140%

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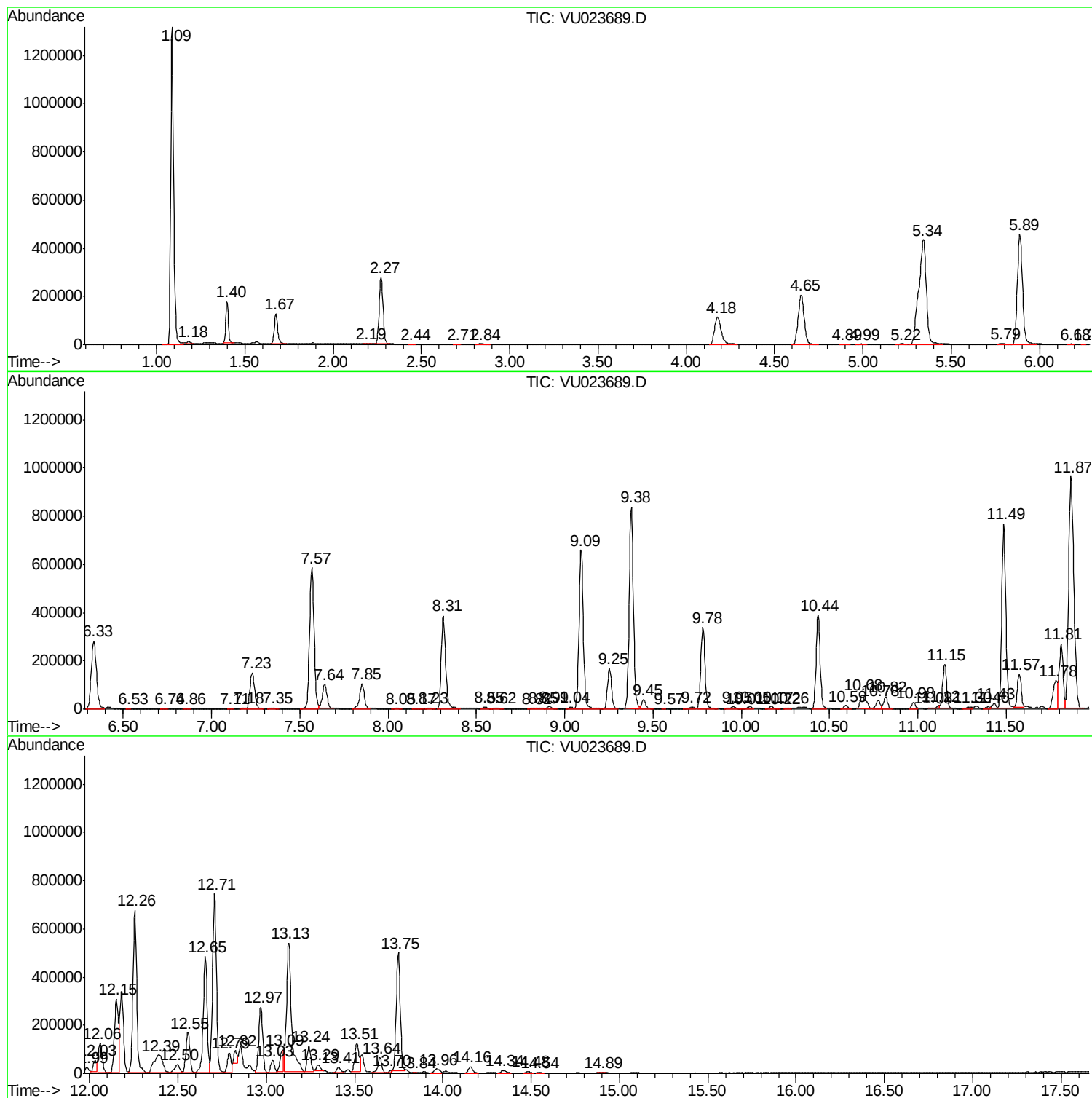
72	12.030	3550	3558	3561	rBV	46085	61807	3.18%	0.252%
73	12.059	3562	3567	3584	rVB	124157	183785	9.44%	0.749%
74	12.149	3584	3595	3600	rBV	308374	478631	24.59%	1.952%
75	12.255	3616	3628	3651	rVB	673192	1017908	52.29%	4.151%
76	12.390	3651	3670	3690	rBV7	73351	254477	13.07%	1.038%
77	12.496	3690	3703	3711	rBV4	34610	64312	3.30%	0.262%
78	12.554	3711	3721	3732	rVB	167019	260055	13.36%	1.061%
79	12.654	3733	3752	3760	rBV	484323	762400	39.16%	3.109%
80	12.705	3760	3768	3785	rVB	738958	1095446	56.27%	4.467%
81	12.789	3785	3794	3799	rBV	79697	116122	5.97%	0.474%
82	12.824	3800	3805	3809	rBV	53955	62836	3.23%	0.256%
83	12.969	3840	3850	3862	rVB	272926	416569	21.40%	1.699%
84	13.033	3862	3870	3878	rBV3	50256	75280	3.87%	0.307%
85	13.091	3878	3888	3890	rVV2	92066	128525	6.60%	0.524%
86	13.126	3891	3899	3926	rVB2	535664	1055846	54.24%	4.306%
87	13.242	3926	3935	3944	rBV	105542	156155	8.02%	0.637%
88	13.294	3945	3951	3960	rVB5	23399	37219	1.91%	0.152%
89	13.409	3978	3987	3996	rBV3	22245	37310	1.92%	0.152%
90	13.512	4009	4019	4025	rBV2	119596	202262	10.39%	0.825%
91	13.641	4045	4059	4070	rVB	61447	98244	5.05%	0.401%
92	13.702	4071	4078	4080	rBV2	9080	9286	0.48%	0.038%
93	13.747	4081	4092	4104	rVV	490654	756119	38.84%	3.083%
94	13.843	4118	4122	4124	rBV4	1716	1583	0.08%	0.006%
95	13.962	4148	4159	4169	rBV3	16979	38183	1.96%	0.156%
96	14.155	4209	4219	4233	rBV4	26155	45551	2.34%	0.186%
97	14.339	4266	4276	4290	rBV4	10525	22258	1.14%	0.091%
98	14.483	4313	4321	4329	rBV2	6684	9719	0.50%	0.040%
99	14.538	4334	4338	4349	rVB5	3123	4405	0.23%	0.018%
100	14.895	4443	4449	4457	rVB6	3015	4692	0.24%	0.019%

Sum of corrected areas: 24521542

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

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



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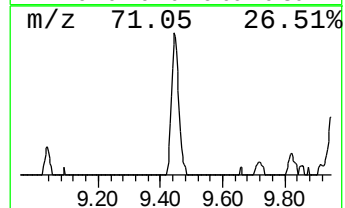
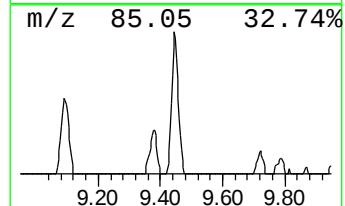
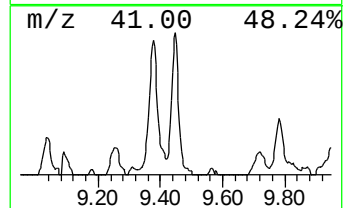
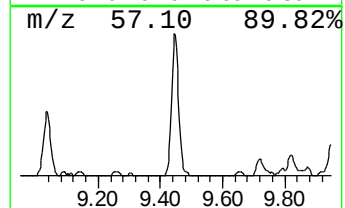
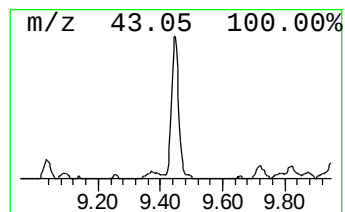
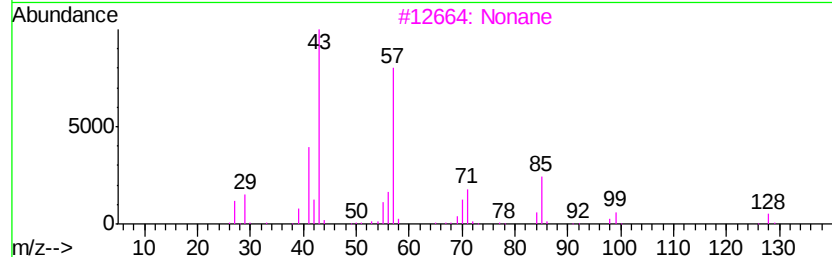
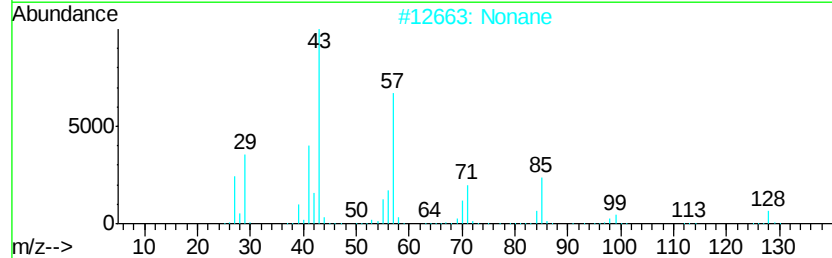
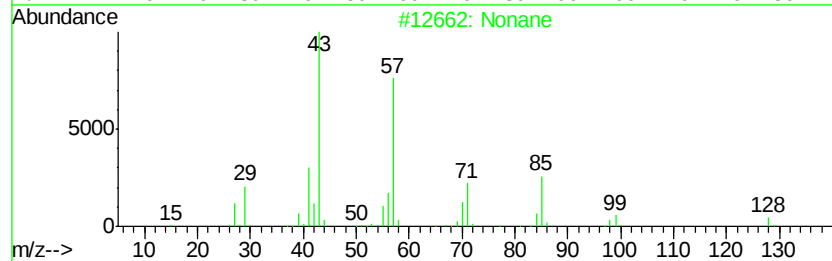
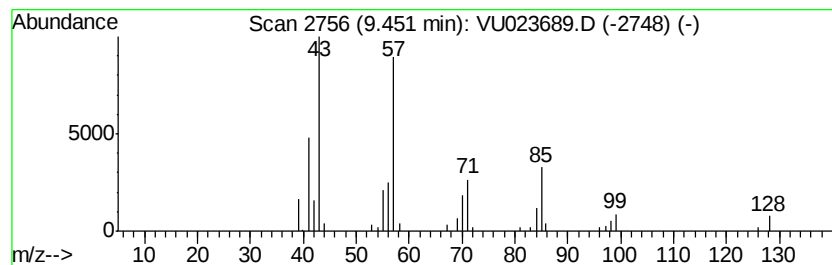
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	2.76 ug/L	61641	Chlorobenzene-d5	9.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane			128	C9H20	000111-84-2	93
2	Nonane			128	C9H20	000111-84-2	87
3	Nonane			128	C9H20	000111-84-2	81
4	Hexane, 2,4-dimethyl-			114	C8H18	000589-43-5	64
5	Octane			114	C8H18	000111-65-9	64



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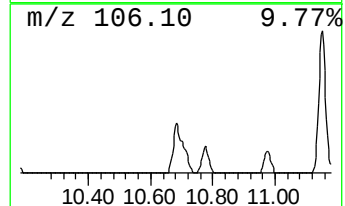
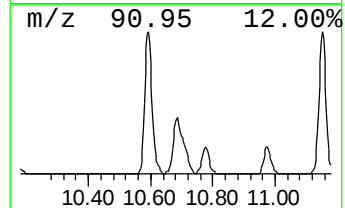
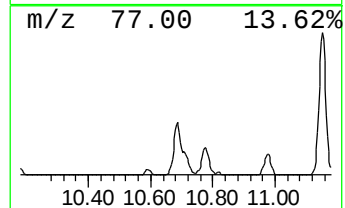
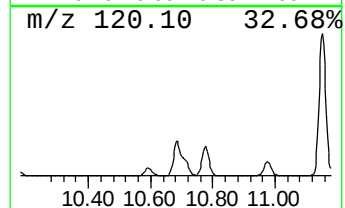
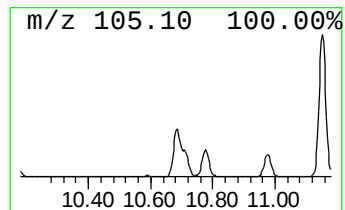
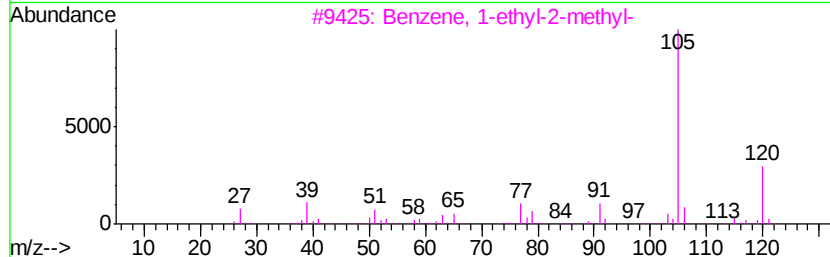
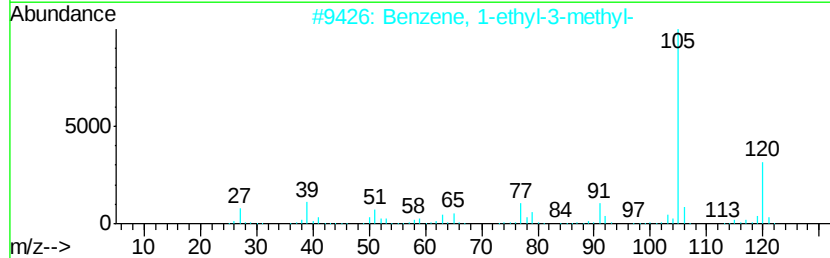
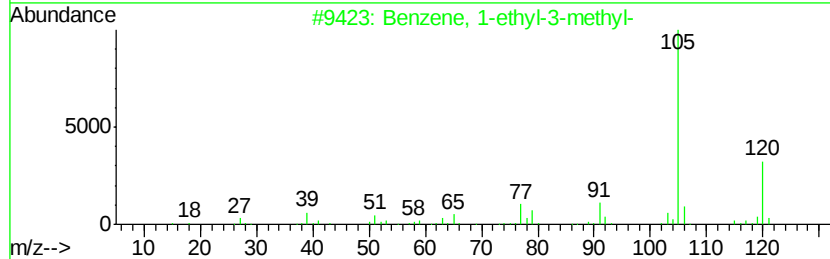
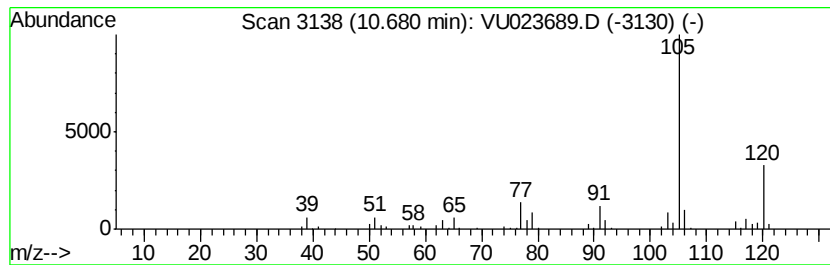
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	5.16 ug/L	123913	1,4-Dichlorobenzene-d4	11.49

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



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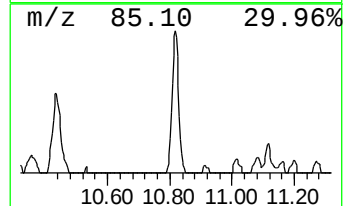
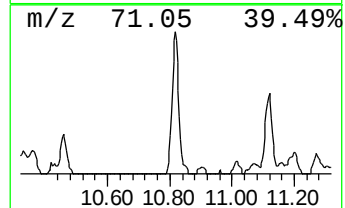
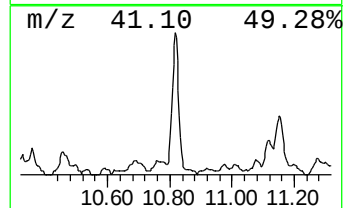
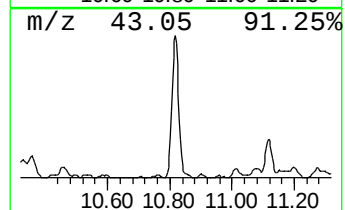
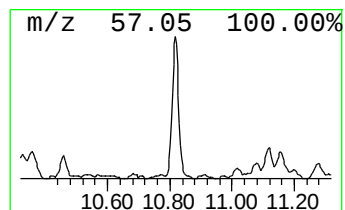
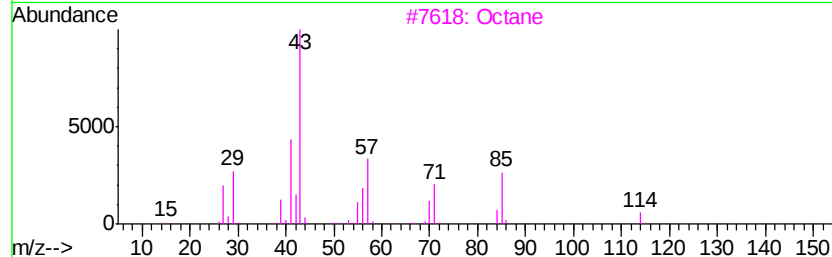
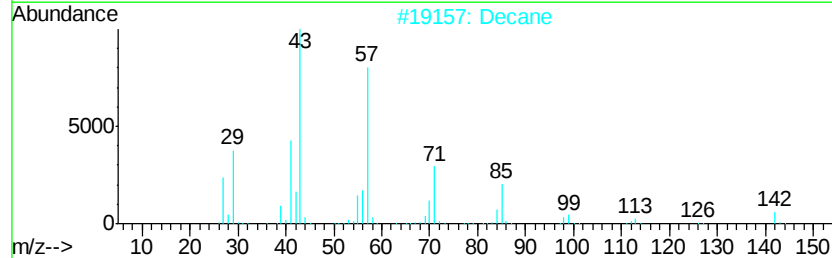
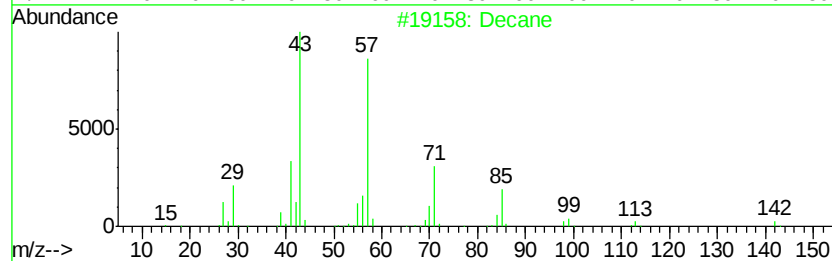
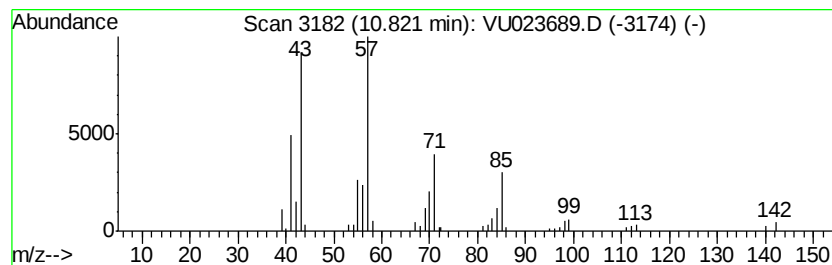
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	3.09 ug/L	74217	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	87
2		Decane	142	C10H22	000124-18-5	86
3		Octane	114	C8H18	000111-65-9	64
4		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
5		1-Decene, 3,4-dimethyl-	168	C12H24	050871-03-9	59



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050618\
Data File : VU023689.D
Acq On : 06 May 2018 14:38
Operator : MD/SY
Sample : J2721-18DL 20X
Misc : 3.72g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

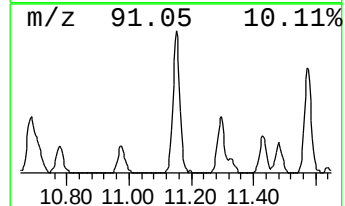
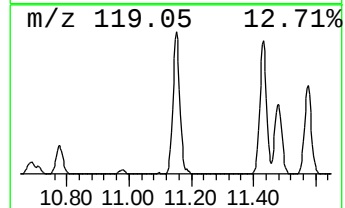
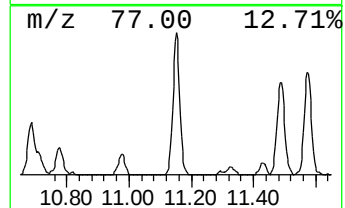
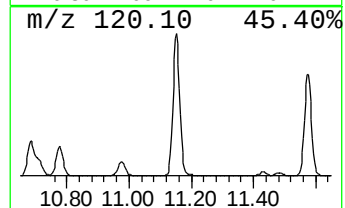
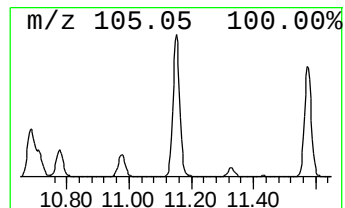
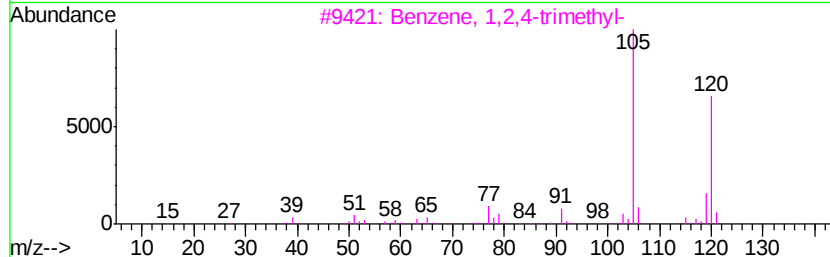
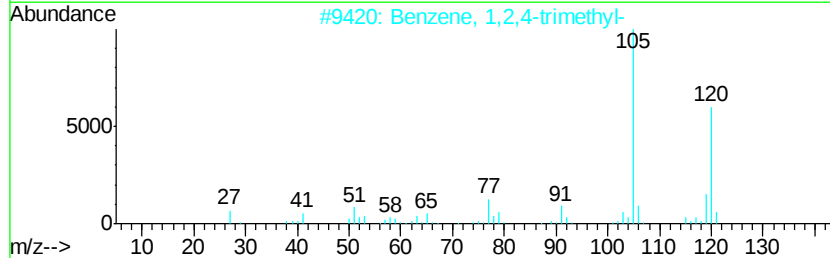
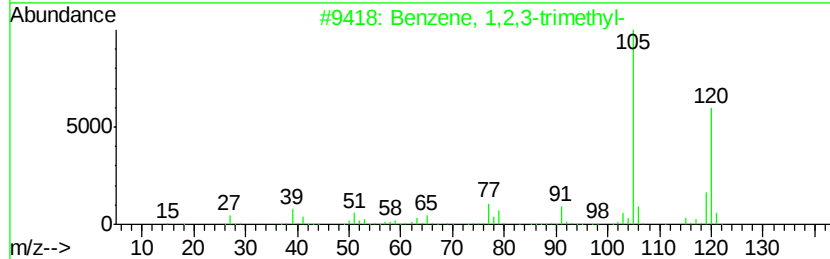
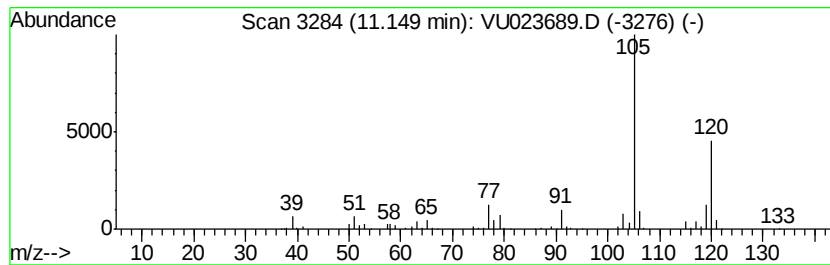
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Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	11.45 ug/L	274922	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	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050618\
Data File : VU023689.D
Acq On : 06 May 2018 14:38
Operator : MD/SY
Sample : J2721-18DL 20X
Misc : 3.72g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

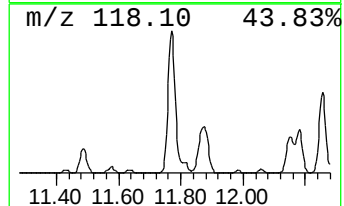
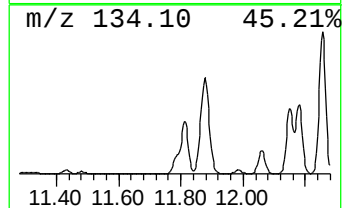
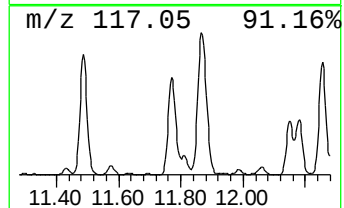
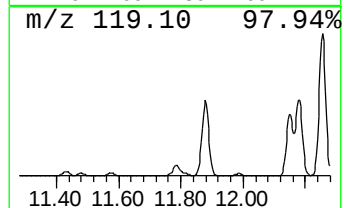
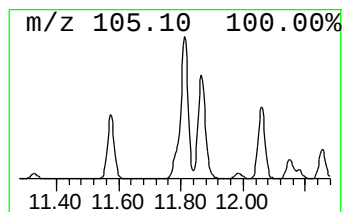
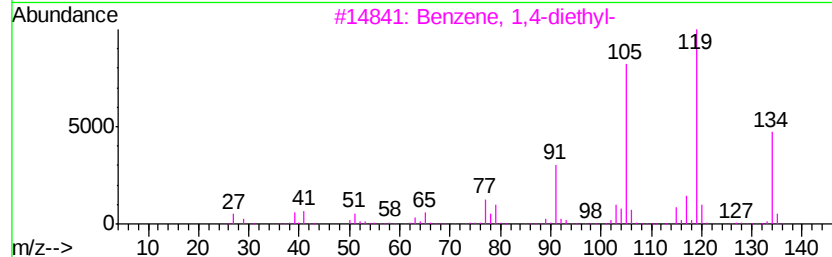
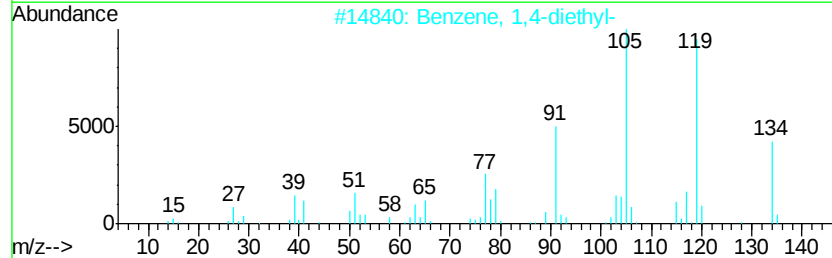
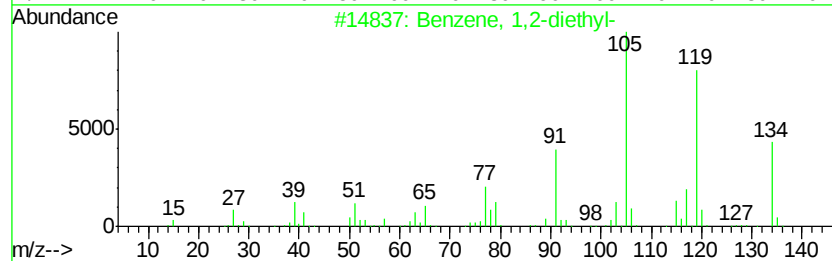
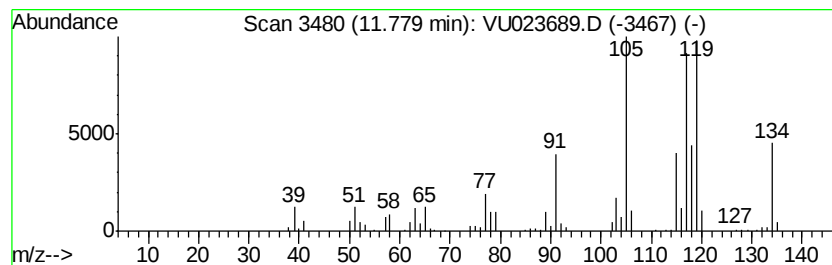
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Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 1,2-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	8.59 ug/L	206165	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	76
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	76
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	76
4		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	76
5		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050618\
Data File : VU023689.D
Acq On : 06 May 2018 14:38
Operator : MD/SY
Sample : J2721-18DL 20X
Misc : 3.72g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

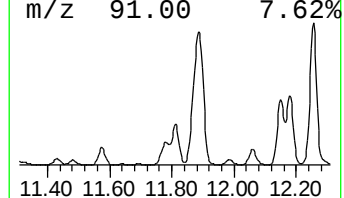
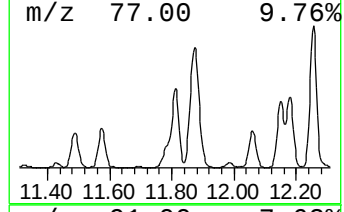
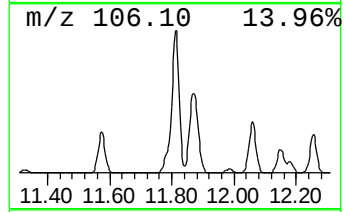
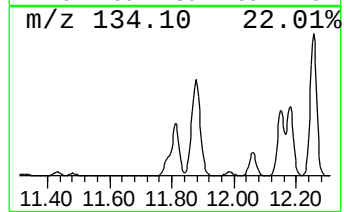
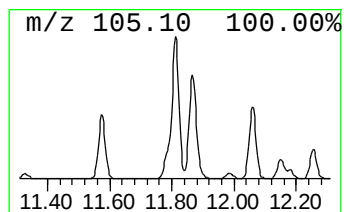
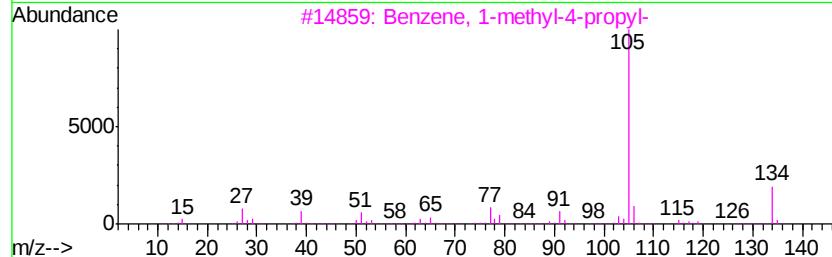
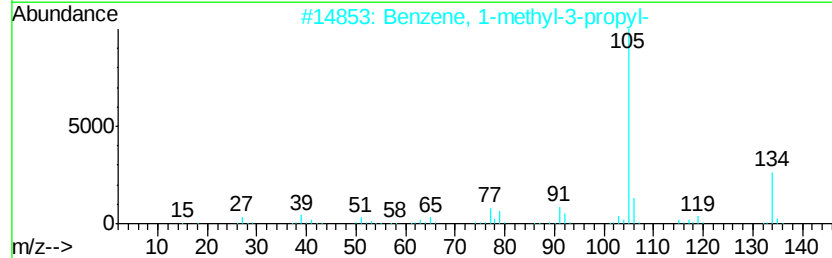
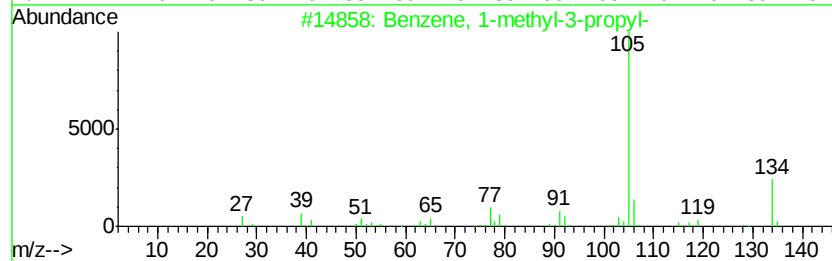
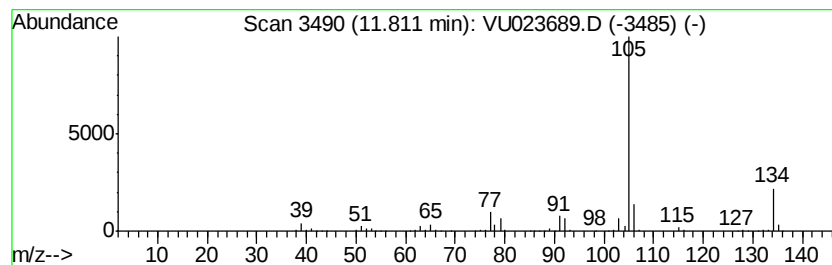
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Quant Title : VOC Analysis

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

Peak Number 9 Benzene, 1-methyl-3-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	16.21 ug/L	389110	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
5		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050618\
Data File : VU023689.D
Acq On : 06 May 2018 14:38
Operator : MD/SY
Sample : J2721-18DL 20X
Misc : 3.72u/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

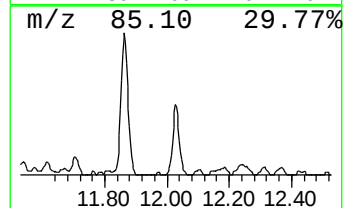
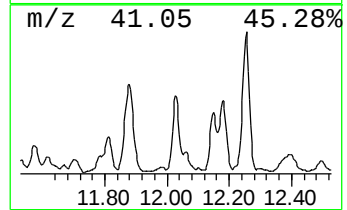
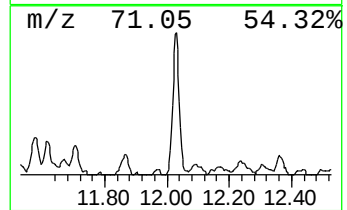
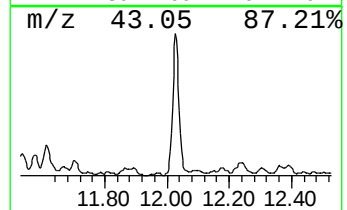
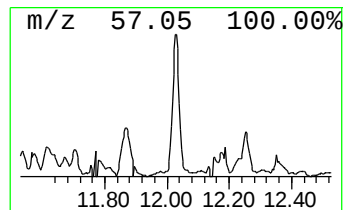
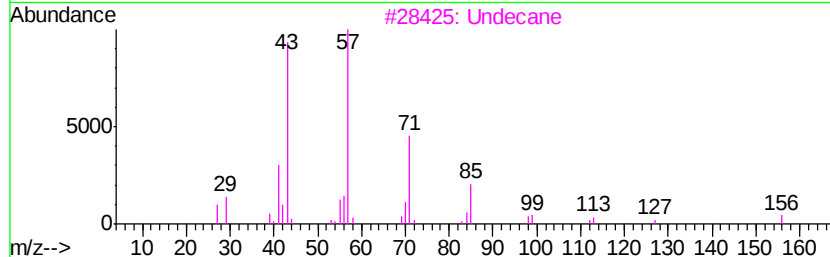
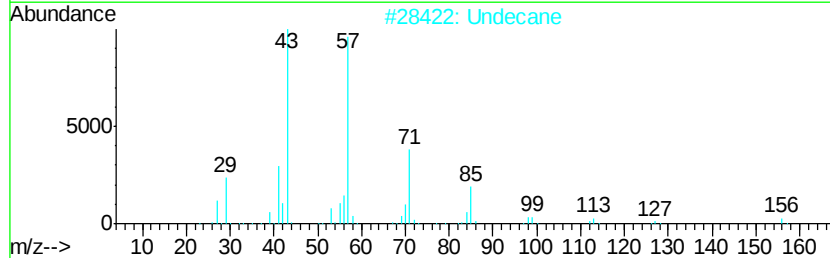
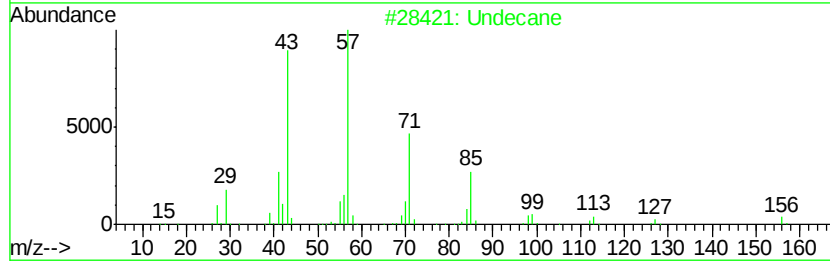
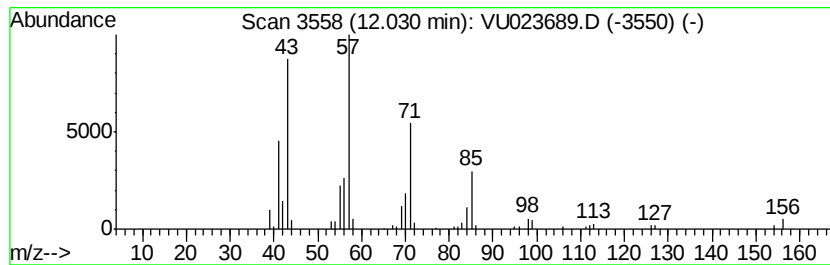
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.58 ug/L	61807	1,4-Dichlorobenzene-d4	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	83
2	Undecane			156	C11H24	001120-21-4	81
3	Undecane			156	C11H24	001120-21-4	76
4	Tetradecane			198	C14H30	000629-59-4	72
5	Tridecane			184	C13H28	000629-50-5	64



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050618\
Data File : VU023689.D
Acq On : 06 May 2018 14:38
Operator : MD/SY
Sample : J2721-18DL 20X
Misc : 3.72g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

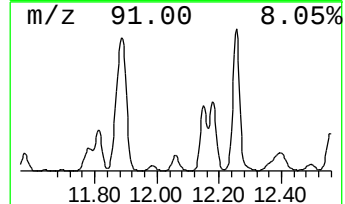
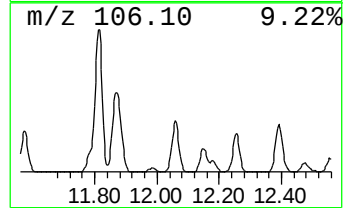
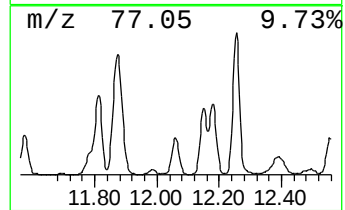
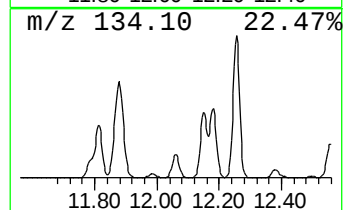
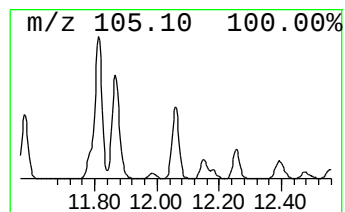
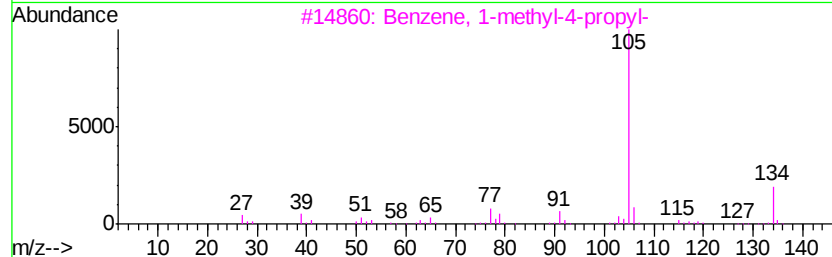
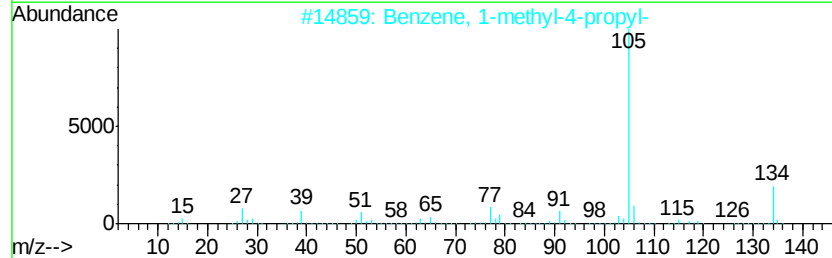
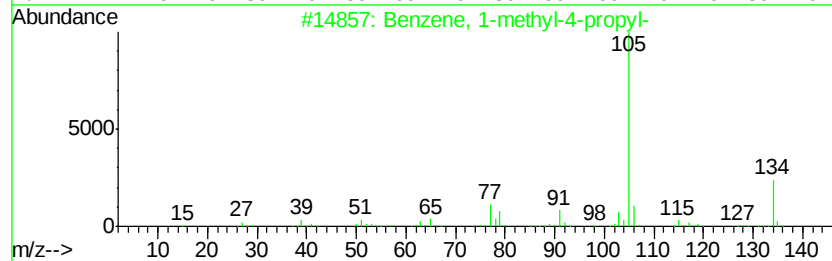
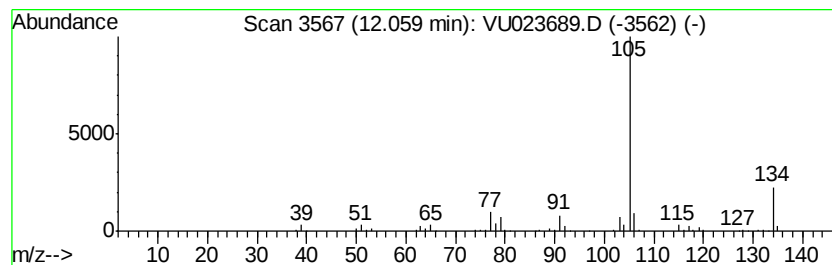
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Quant Title : VOC Analysis

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

Peak Number 11 Benzene, 1-methyl-4-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	7.66 ug/L	183785	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-4-propyl-	134	C10H14	001074-55-1	91
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	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\VU050618\
Data File : VU023689.D
Acq On : 06 May 2018 14:38
Operator : MD/SY
Sample : J2721-18DL 20X
Misc : 3.72g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

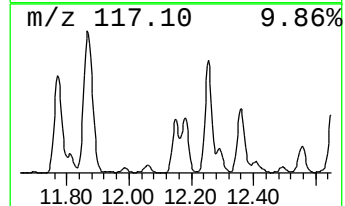
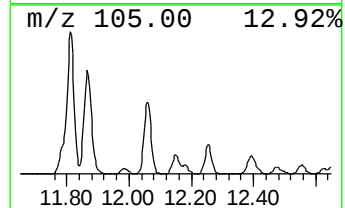
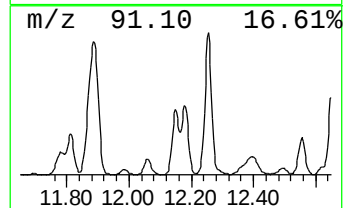
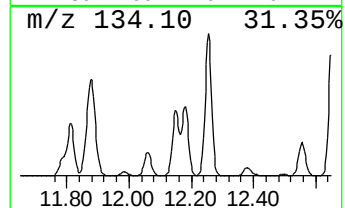
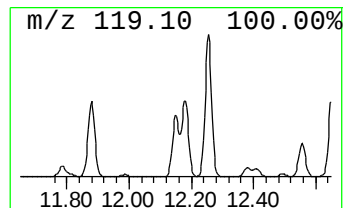
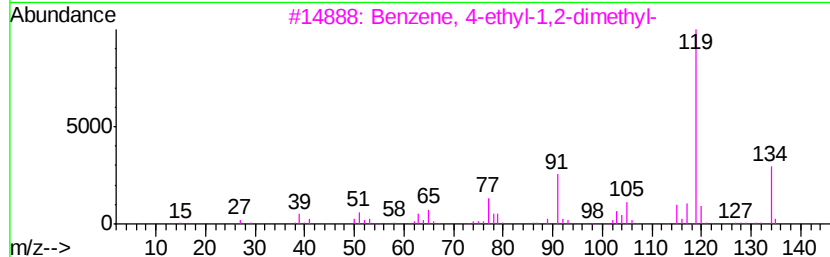
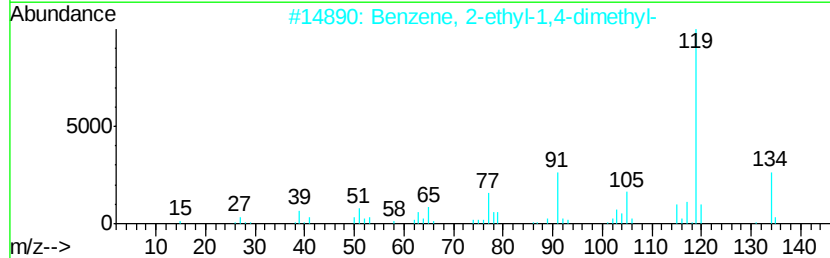
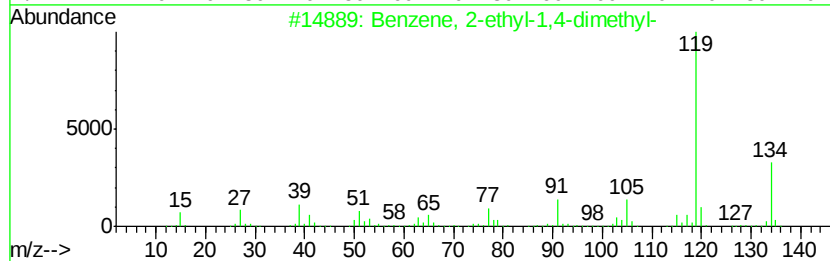
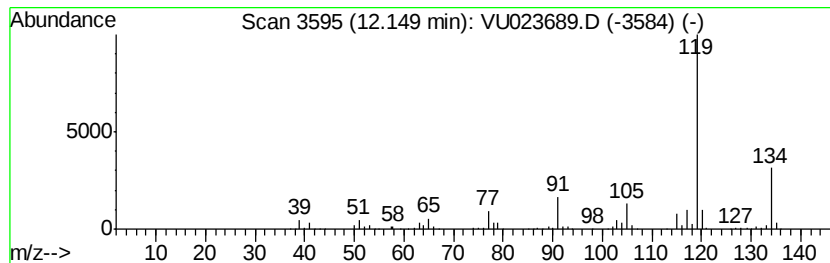
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Quant Title : VOC Analysis

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

Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	19.94 ug/L	478631	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, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050618\
Data File : VU023689.D
Acq On : 06 May 2018 14:38
Operator : MD/SY
Sample : J2721-18DL 20X
Misc : 3.72g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

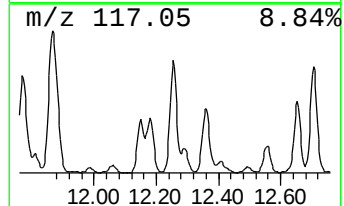
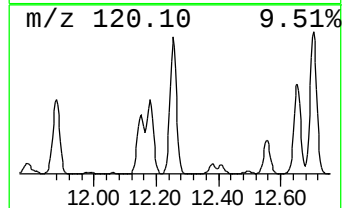
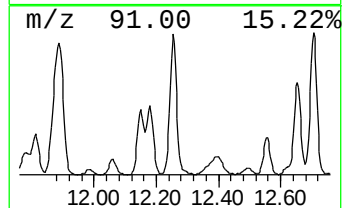
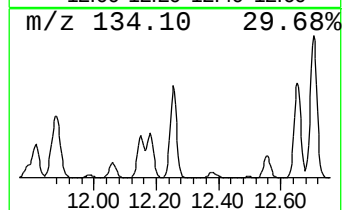
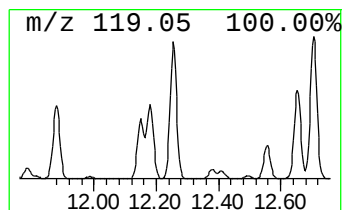
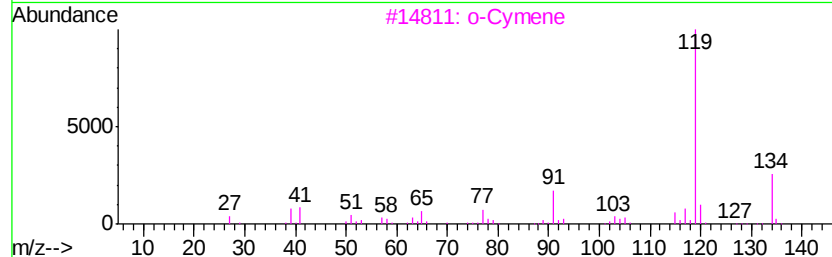
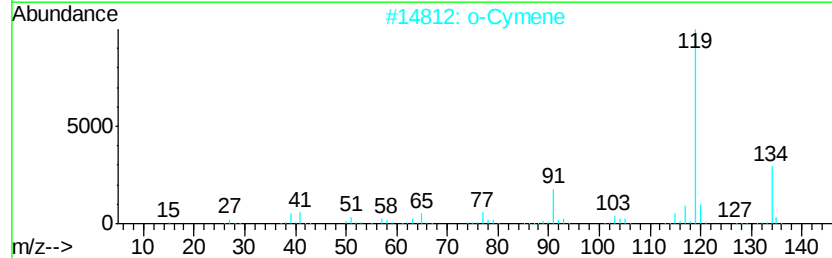
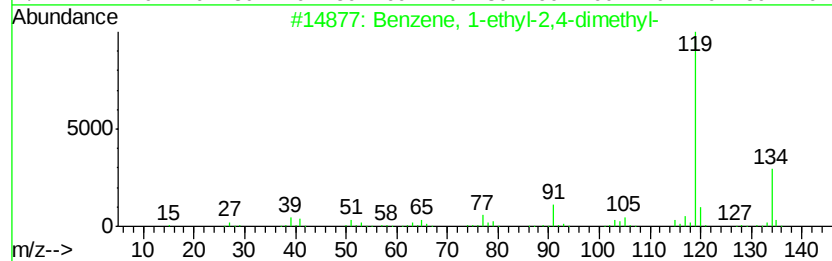
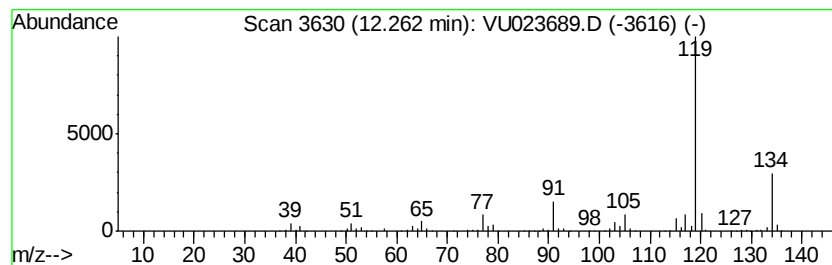
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	42.41 ug/L	1017910	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	97
3		o-Cymene	134	C10H14	000527-84-4	97
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95



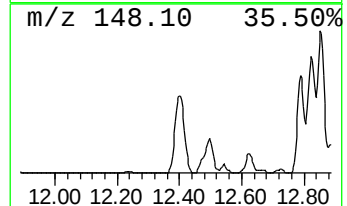
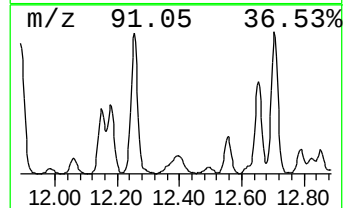
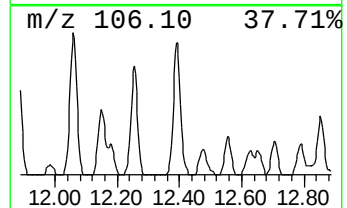
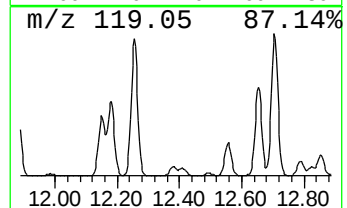
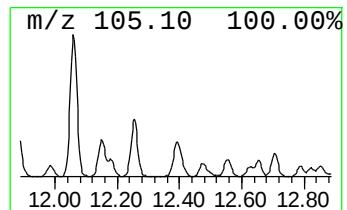
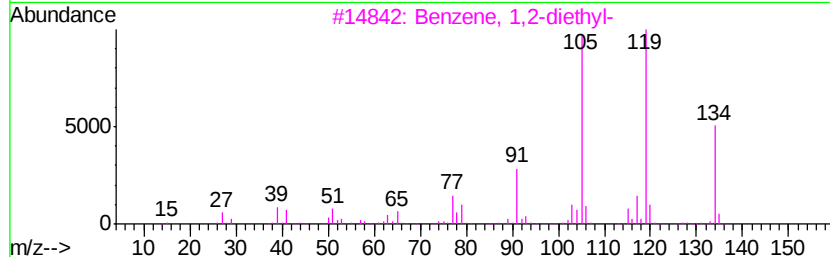
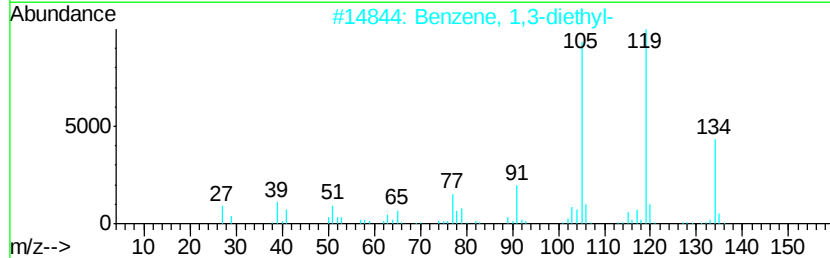
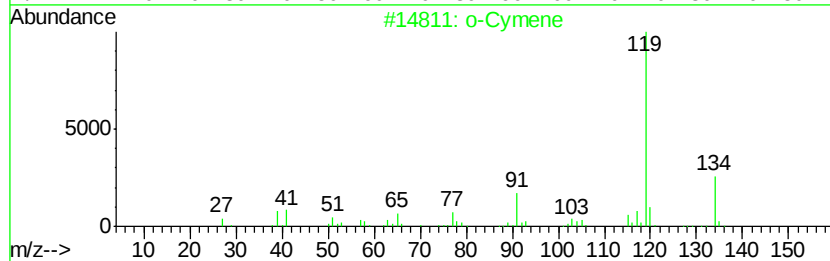
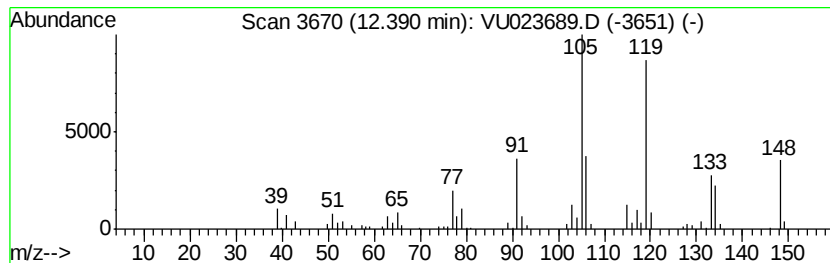
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Acq On : 06 May 2018 14:38
Operator : MD/SY
Sample : J2721-18DL 20X
Misc : 3.72g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

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 o-Cymene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.39	10.60 ug/L	254477	1,4-Dichlorobenzene-d4	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	78
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	68
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	64
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	60
5	o-Cymene	134	C10H14	000527-84-4	60



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050618\
Data File : VU023689.D
Acq On : 06 May 2018 14:38
Operator : MD/SY
Sample : J2721-18DL 20X
Misc : 3.72g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

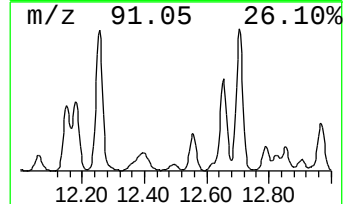
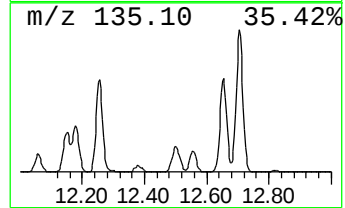
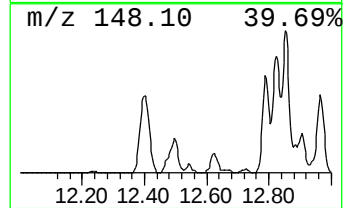
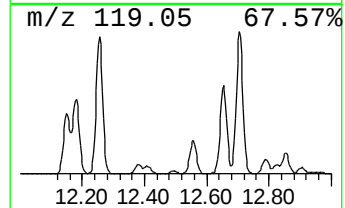
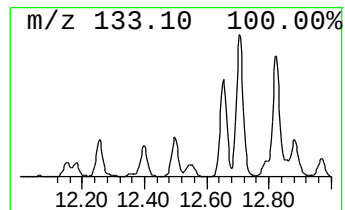
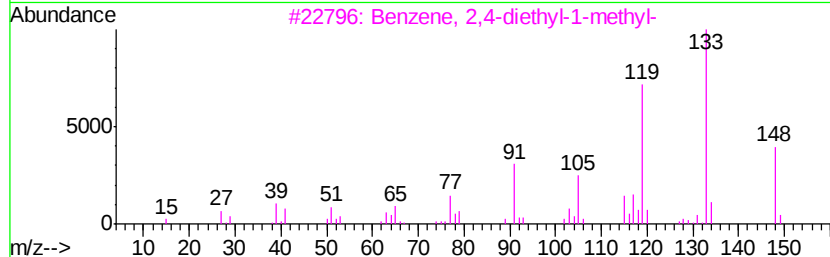
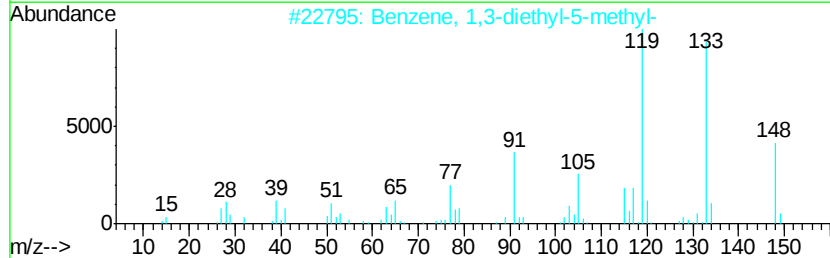
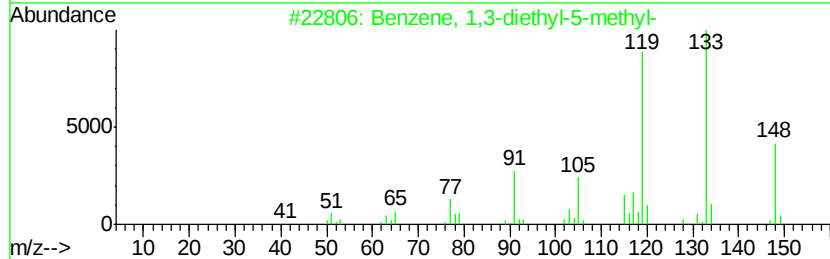
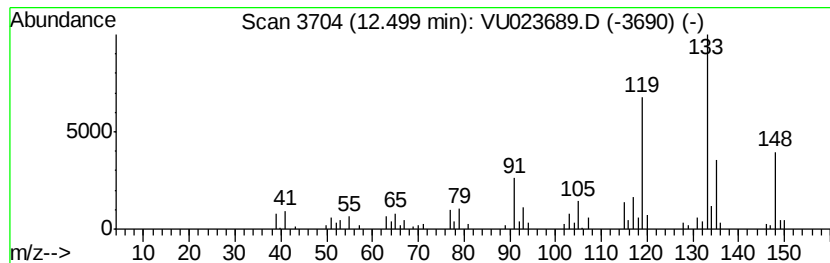
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Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	2.68 ug/L	64312	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	98
2		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	95
3		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	95
4		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	91
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	55



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050618\
Data File : VU023689.D
Acq On : 06 May 2018 14:38
Operator : MD/SY
Sample : J2721-18DL 20X
Misc : 3.72g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

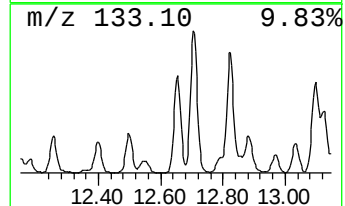
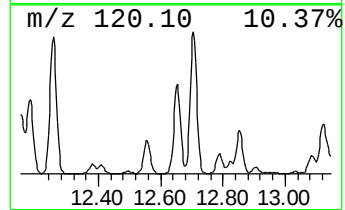
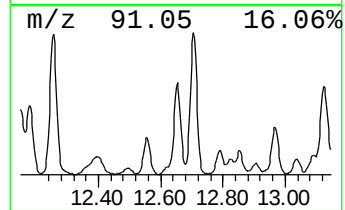
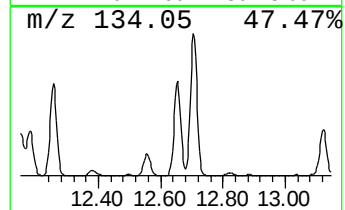
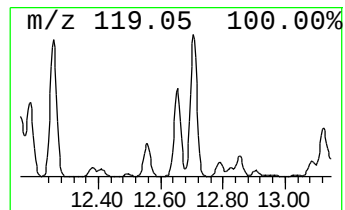
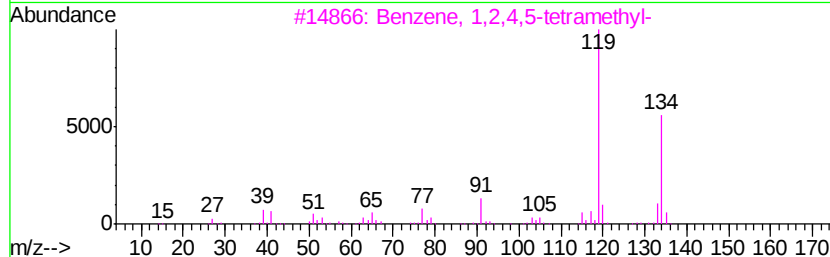
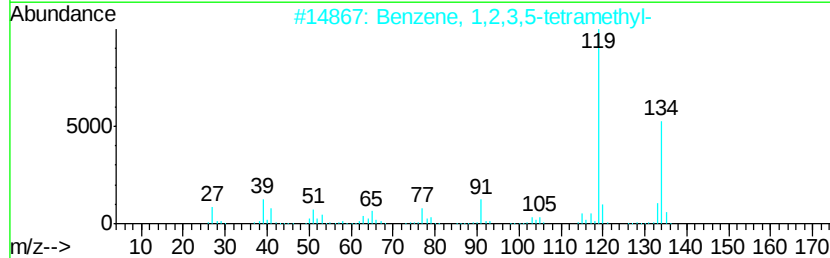
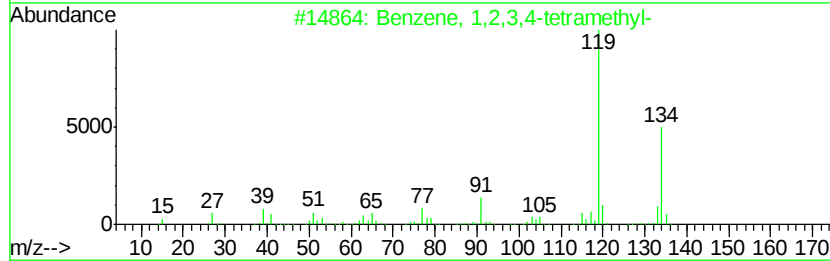
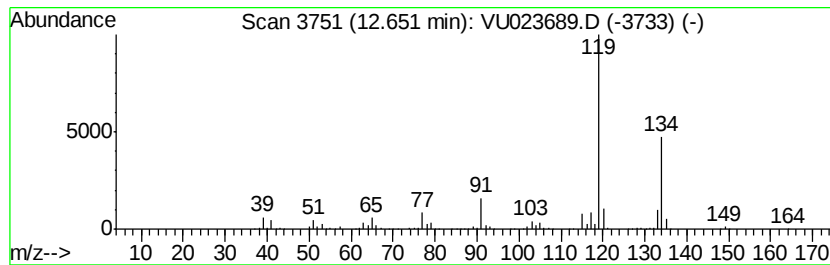
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Quant Title : VOC Analysis

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

Peak Number 17 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	31.77 ug/L	762400	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, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050618\
Data File : VU023689.D
Acq On : 06 May 2018 14:38
Operator : MD/SY
Sample : J2721-18DL 20X
Misc : 3.72g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

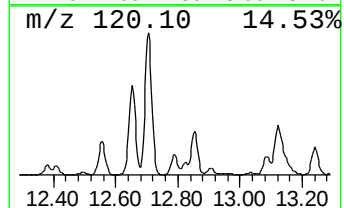
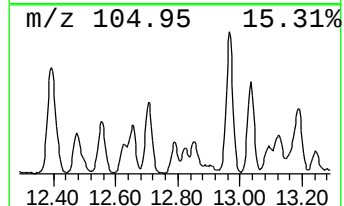
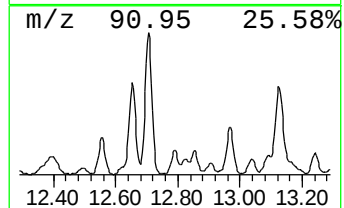
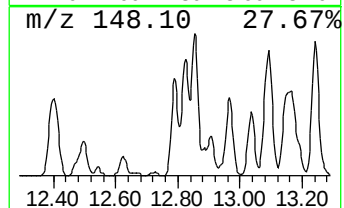
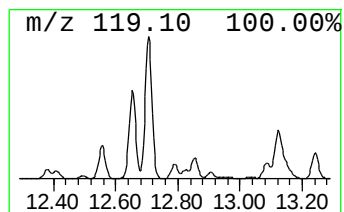
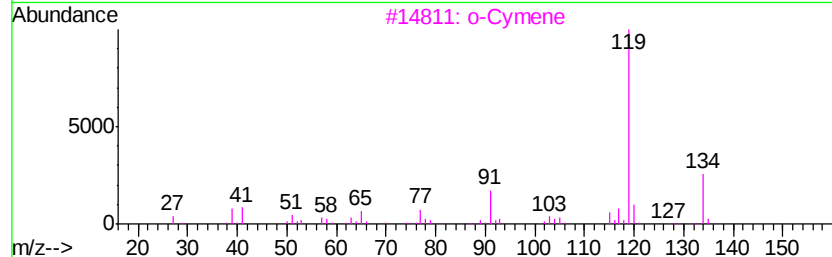
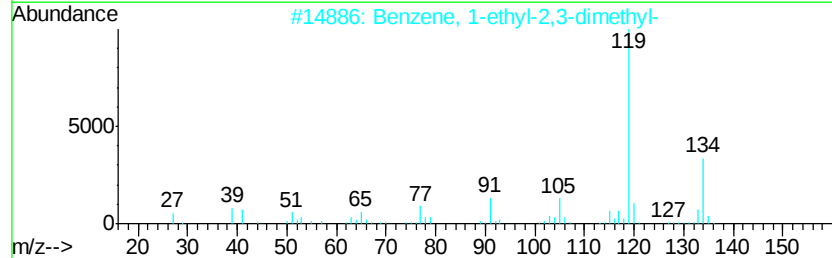
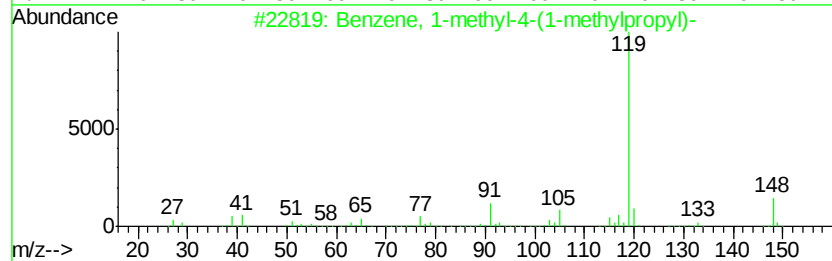
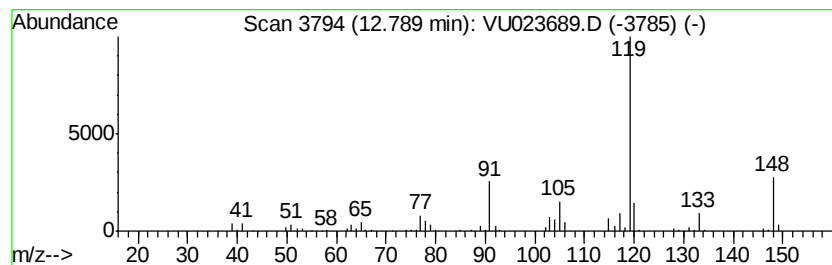
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Quant Title : VOC Analysis

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

Peak Number 19 Benzene, 1-methyl-4-(1-meth... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	4.84 ug/L	116122	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	90
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	72
3		o-Cymene	134	C10H14	000527-84-4	70
4		p-Cymene	134	C10H14	000099-87-6	70
5		o-Cymene	134	C10H14	000527-84-4	70



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050618\
Data File : VU023689.D
Acq On : 06 May 2018 14:38
Operator : MD/SY
Sample : J2721-18DL 20X
Misc : 3.72g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

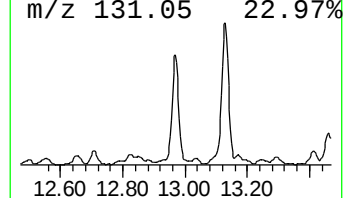
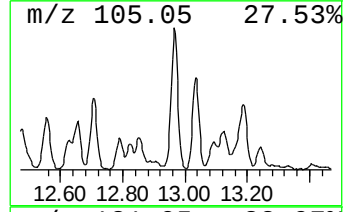
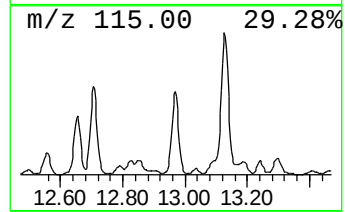
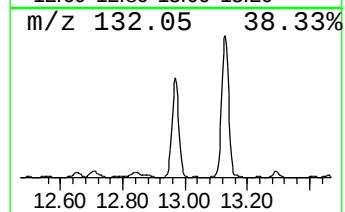
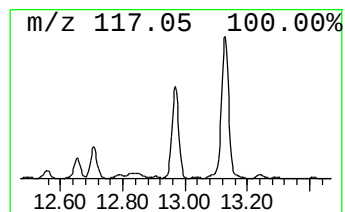
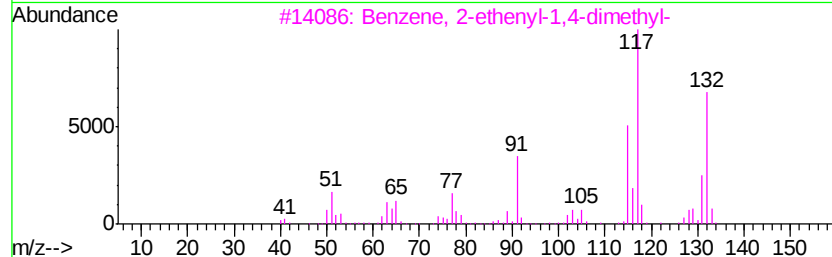
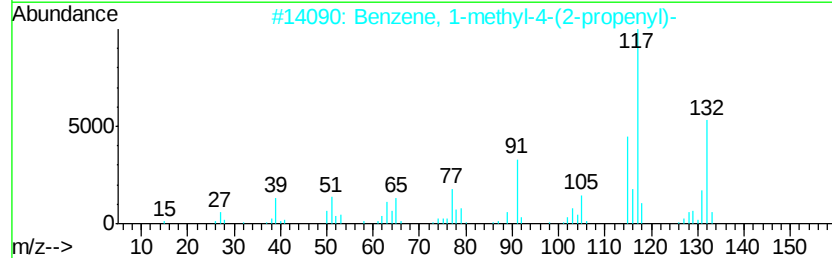
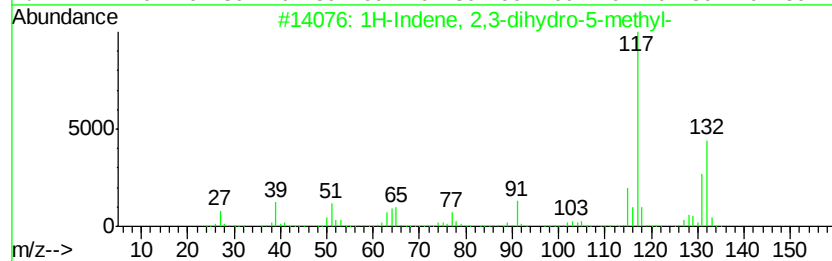
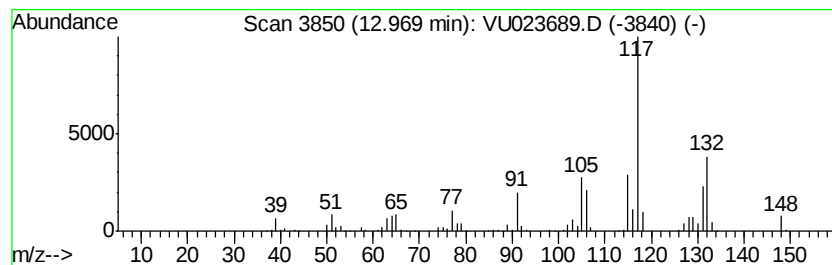
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Quant Title : VOC Analysis

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

Peak Number 21 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	17.36 ug/L	416569	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	93
2			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	90
3			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
4			2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
5			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050618\
Data File : VU023689.D
Acq On : 06 May 2018 14:38
Operator : MD/SY
Sample : J2721-18DL 20X
Misc : 3.72g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

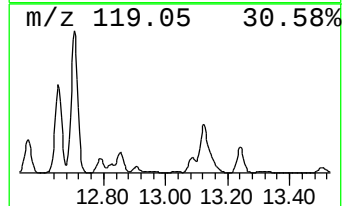
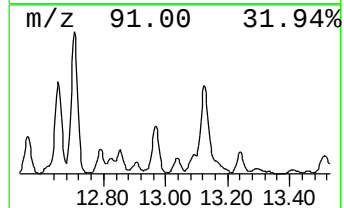
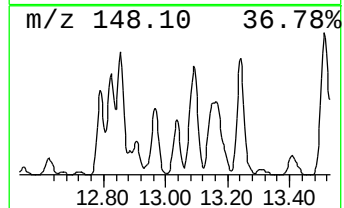
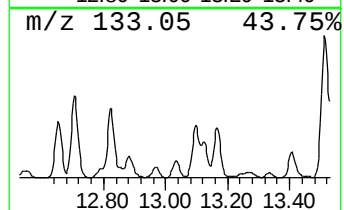
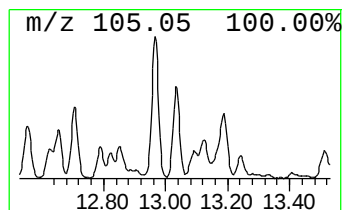
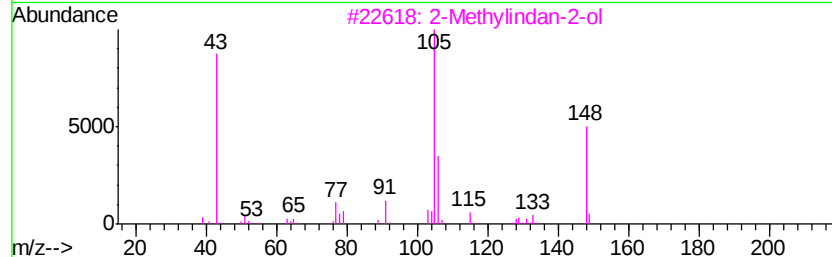
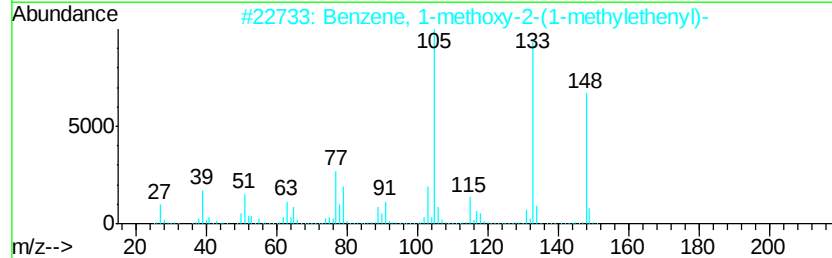
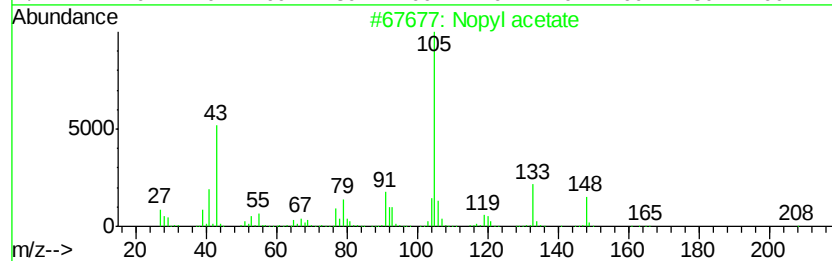
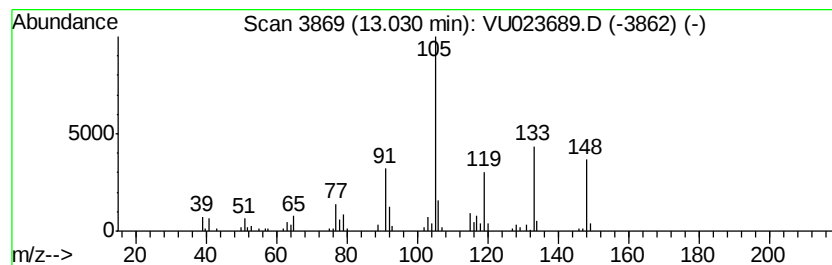
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Quant Title : VOC Analysis

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

Peak Number 22 Nopyl acetate Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	3.14 ug/L	75280	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nopvl acetate	208	C13H20O2	000128-51-8	64
2		Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	58
3		2-Methylindan-2-ol	148	C10H12O	033223-84-6	35
4		Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	35
5		Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	35



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050618\
Data File : VU023689.D
Acq On : 06 May 2018 14:38
Operator : MD/SY
Sample : J2721-18DL 20X
Misc : 3.72g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

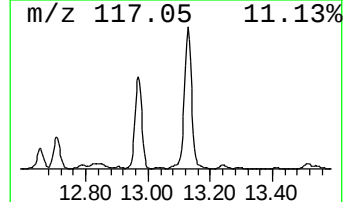
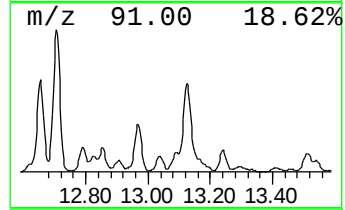
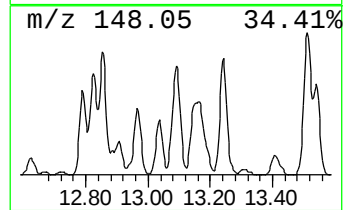
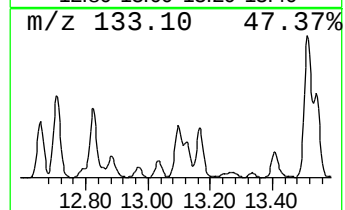
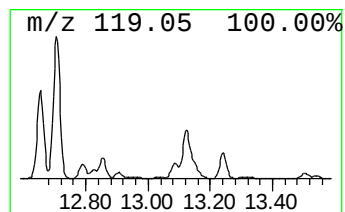
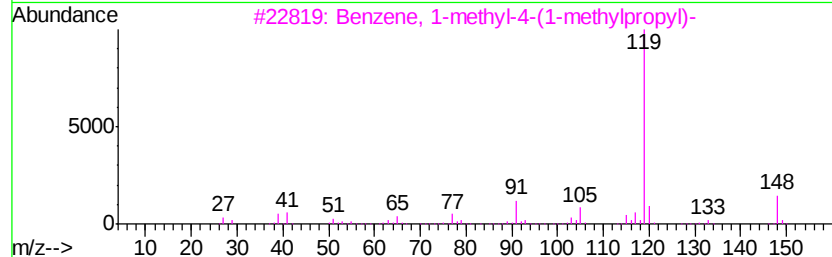
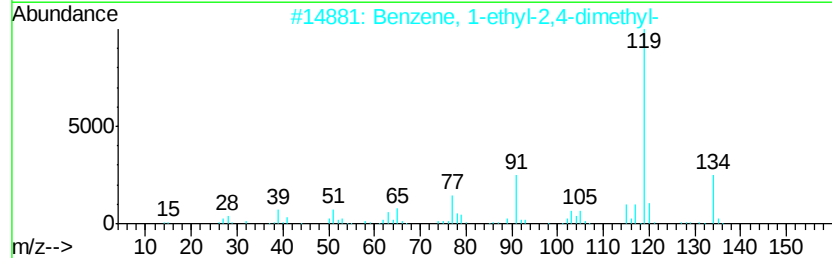
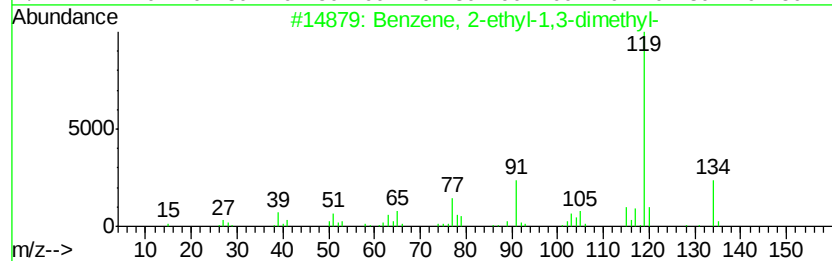
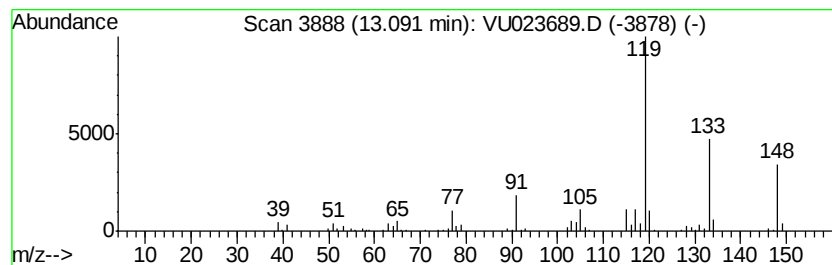
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Quant Title : VOC Analysis

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

Peak Number 23 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	5.36 ug/L	128525	1,4-Dichlorobenzene-d4	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	60
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60
3			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	58
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	53
5			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	52



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050618\
Data File : VU023689.D
Acq On : 06 May 2018 14:38
Operator : MD/SY
Sample : J2721-18DL 20X
Misc : 3.72g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

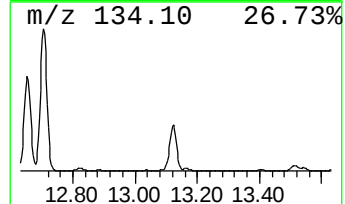
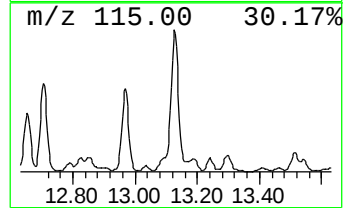
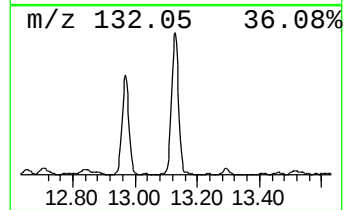
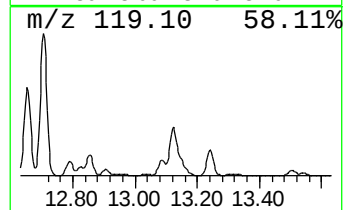
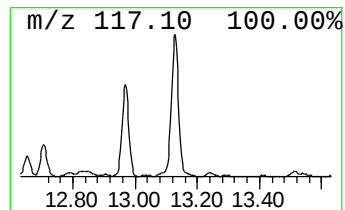
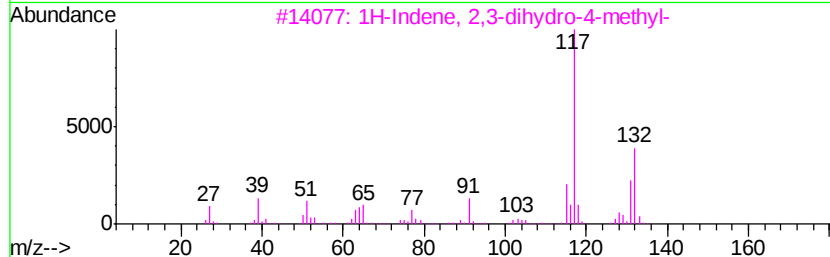
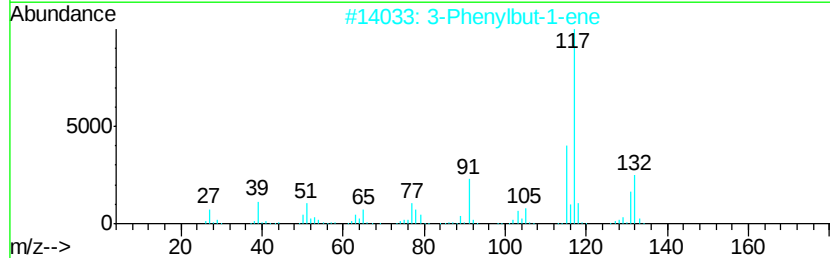
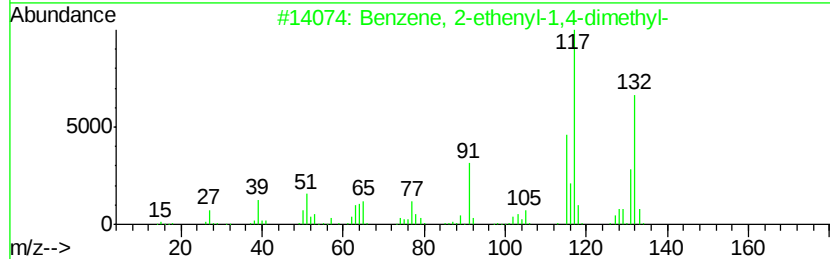
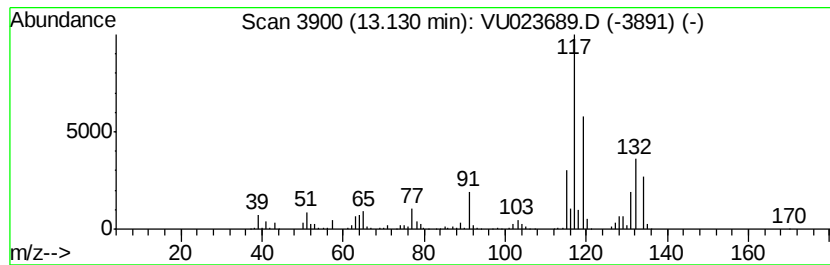
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Quant Title : VOC Analysis

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

Peak Number 24 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	43.99 ug/L	1055850	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64
4		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	64



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050618\
Data File : VU023689.D
Acq On : 06 May 2018 14:38
Operator : MD/SY
Sample : J2721-18DL 20X
Misc : 3.72g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

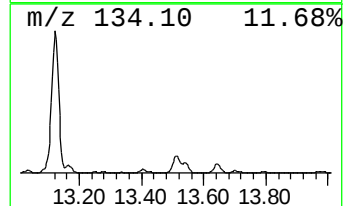
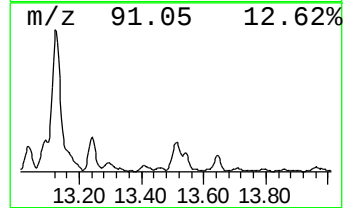
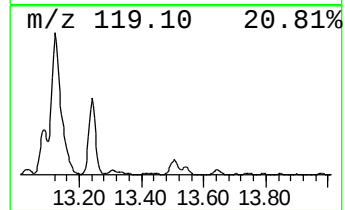
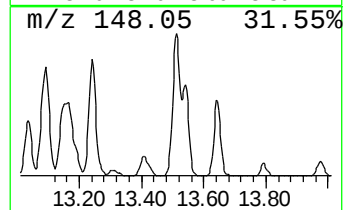
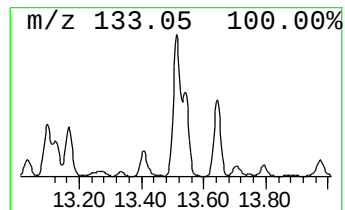
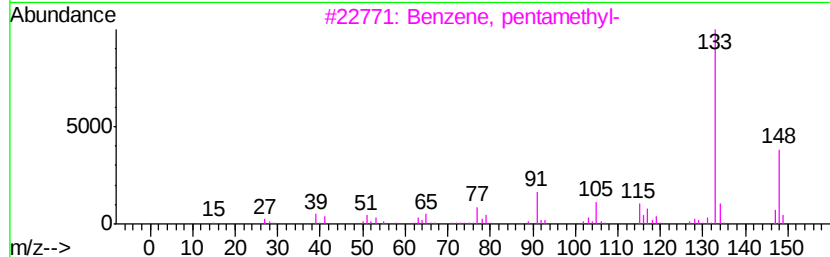
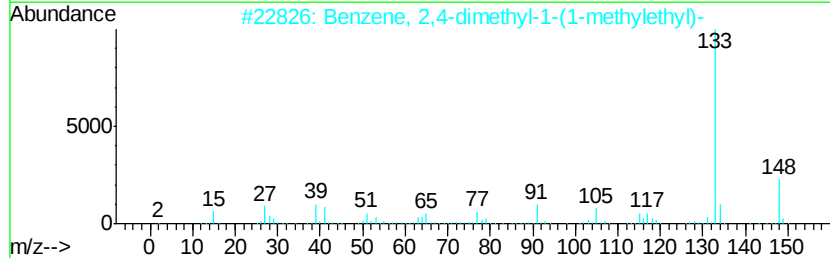
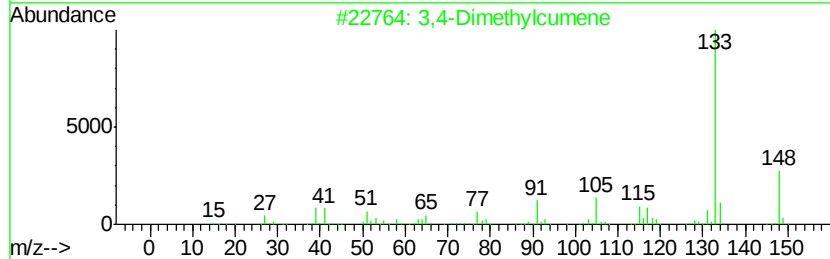
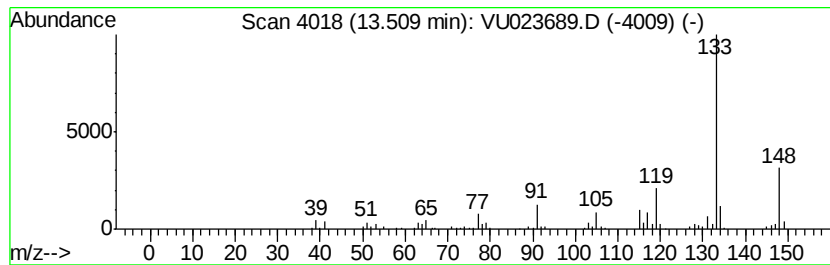
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Quant Title : VOC Analysis

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

Peak Number 26 3,4-Dimethylcumene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	8.43 ug/L	202262	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	91
2		Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	90
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	90
4		Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	90
5		Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	90



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050618\
Data File : VU023689.D
Acq On : 06 May 2018 14:38
Operator : MD/SY
Sample : J2721-18DL 20X
Misc : 3.72g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

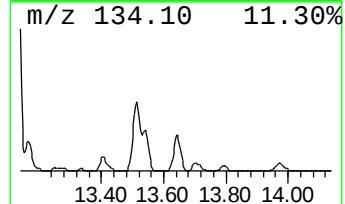
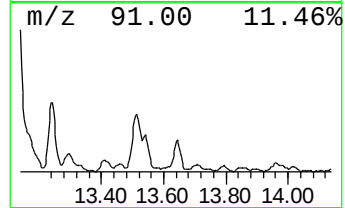
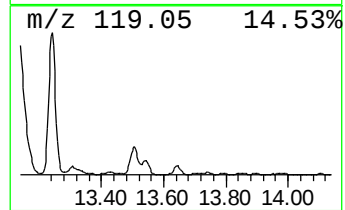
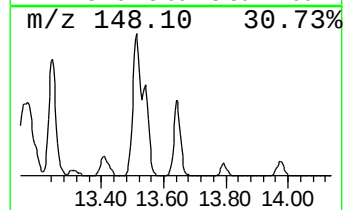
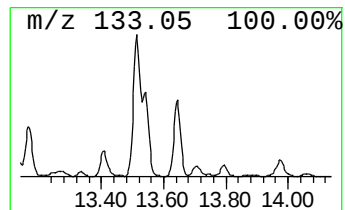
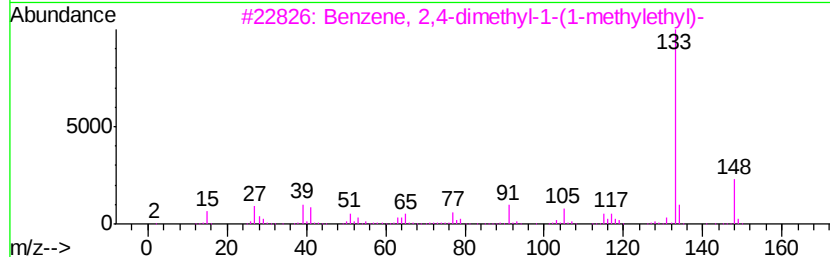
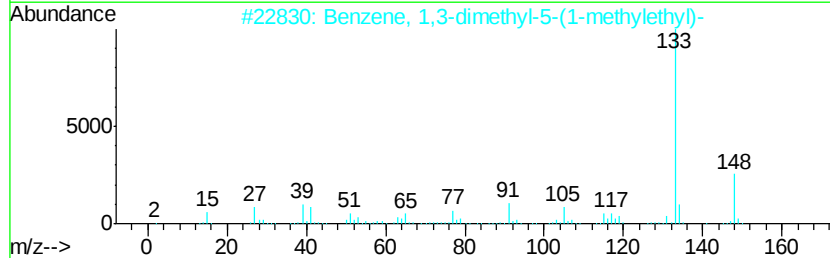
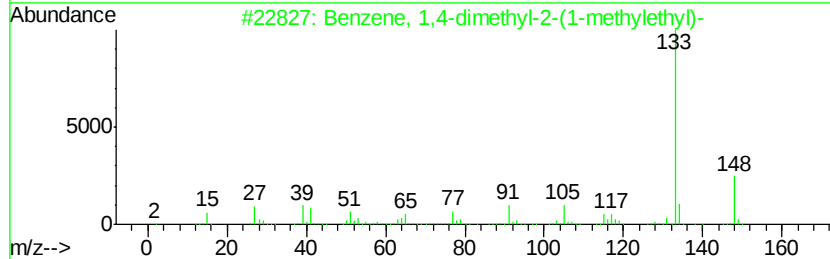
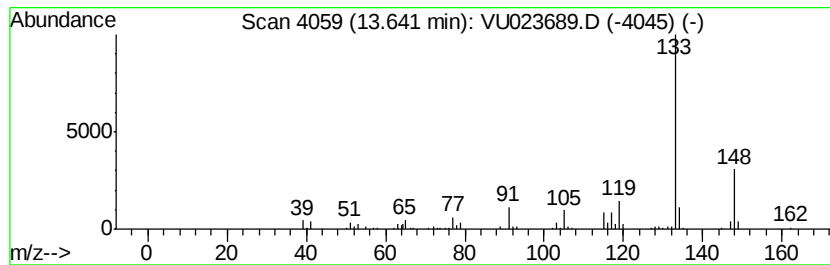
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

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

Peak Number 27 Benzene, 1,4-dimethyl-2-(1-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	4.09 ug/L	98244	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-dimethyl-2-(1-methyl-...	148	C11H16	004132-72-3	90
2		Benzene, 1,3-dimethyl-5-(1-methyl-...	148	C11H16	004706-90-5	90
3		Benzene, 2,4-dimethyl-1-(1-methyl-...	148	C11H16	004706-89-2	90
4		Benzene, pentamethyl-	148	C11H16	000700-12-9	90
5		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	87



Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050618\
 Data File : VU023689.D
 Acq On : 06 May 2018 14:38
 Operator : MD/SY
 Sample : J2721-18DL 20X
 Misc : 3.72g/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...	9.45	2.8	ug/L	61641	2	9.09	1117190	50.0
Benzene, 1-ethyl-...	10.68	5.2	ug/L	123913	3	11.49	1200020	50.0
(DEL) Alkane: Str...	10.82	3.1	ug/L	74217	3	11.49	1200020	50.0
Benzene, 1,2,3-tr...	11.15	11.4	ug/L	274922	3	11.49	1200020	50.0
Benzene, 1,2-diet...	11.78	8.6	ug/L	206165	3	11.49	1200020	50.0
Benzene, 1-methyl...	11.81	16.2	ug/L	389110	3	11.49	1200020	50.0
(DEL) Alkane: Str...	12.03	2.6	ug/L	61807	3	11.49	1200020	50.0
Benzene, 1-methyl...	12.06	7.7	ug/L	183785	3	11.49	1200020	50.0
Benzene, 2-ethyl-...	12.15	19.9	ug/L	478631	3	11.49	1200020	50.0
Benzene, 1-ethyl-...	12.26	42.4	ug/L	1017910	3	11.49	1200020	50.0
o-Cymene	12.39	10.6	ug/L	254477	3	11.49	1200020	50.0
Benzene, 1,3-diet...	12.50	2.7	ug/L	64312	3	11.49	1200020	50.0
Benzene, 1,2,3,4-...	12.65	31.8	ug/L	762400	3	11.49	1200020	50.0
Benzene, 1-methyl...	12.79	4.8	ug/L	116122	3	11.49	1200020	50.0
1H-Indene, 2,3-di...	12.97	17.4	ug/L	416569	3	11.49	1200020	50.0
Nopyl acetate	13.03	3.1	ug/L	75280	3	11.49	1200020	50.0
Benzene, 2-ethyl-...	13.09	5.4	ug/L	128525	3	11.49	1200020	50.0
Benzene, 2-etheny...	13.13	44.0	ug/L	1055850	3	11.49	1200020	50.0
3,4-Dimethylcumene	13.51	8.4	ug/L	202262	3	11.49	1200020	50.0
Benzene, 1,4-dime...	13.64	4.1	ug/L	98244	3	11.49	1200020	50.0