

Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
 Data File : VU023685.D
 Acq On : 06 May 2018 12:22
 Operator : MD/SY
 Sample : J2721-01
 Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.082	134	153	176	rBV	1182424	1337714	0.83%	0.159%
2	3.278	819	836	862	rVV	267736	567438	0.35%	0.068%
3	4.648	1244	1262	1279	rBV	200238	534027	0.33%	0.064%
4	4.979	1344	1365	1381	rVV3	561553	1355493	0.85%	0.161%
5	5.210	1417	1437	1457	rBV	566397	1401168	0.87%	0.167%
6	5.336	1457	1476	1500	rVB2	496494	1421454	0.89%	0.169%
7	5.474	1503	1519	1531	rVV3	210343	486696	0.30%	0.058%
8	5.615	1552	1563	1589	rVB	321175	728561	0.45%	0.087%
9	5.776	1594	1613	1634	rBV	3063385	5955395	3.72%	0.708%
10	5.886	1634	1647	1676	rVB	324932	692552	0.43%	0.082%
11	6.332	1775	1786	1794	rVV	293723	602325	0.38%	0.072%
12	6.413	1795	1811	1823	rVV	3155141	6927141	4.32%	0.824%
13	6.471	1823	1829	1838	rVV	258290	471188	0.29%	0.056%
14	6.529	1838	1847	1860	rVB2	337937	652095	0.41%	0.078%
15	6.734	1894	1911	1929	rVB2	451272	987950	0.62%	0.118%
16	6.902	1948	1963	1986	rVB3	443247	916103	0.57%	0.109%
17	7.104	2015	2026	2034	rBV	288502	532743	0.33%	0.063%
18	7.178	2034	2049	2057	rBV	1844435	3348043	2.09%	0.398%
19	7.220	2058	2062	2080	rVB4	622182	1095096	0.68%	0.130%
20	7.342	2090	2100	2120	rVB	1230692	2547256	1.59%	0.303%
21	7.529	2143	2158	2165	rBV2	1584790	3129978	1.95%	0.372%
22	7.648	2180	2195	2208	rBV2	26986859	49966790	31.18%	5.944%
23	7.824	2239	2250	2269	rVB	6413254	10375128	6.47%	1.234%
24	7.921	2269	2280	2295	rVB2	873458	1616636	1.01%	0.192%
25	8.049	2303	2320	2331	rBV	407151	744652	0.46%	0.089%
26	8.230	2365	2376	2388	rVB	356738	601799	0.38%	0.072%
27	8.332	2389	2408	2431	rBV	1115949	2198864	1.37%	0.262%
28	8.458	2433	2447	2451	rBV	598174	1003973	0.63%	0.119%
29	8.548	2465	2475	2485	rVB	1111980	1928328	1.20%	0.229%
30	8.609	2485	2494	2503	rBV2	539286	923230	0.58%	0.110%
31	8.818	2549	2559	2565	rVV	509047	881105	0.55%	0.105%
32	8.866	2565	2574	2580	rVV6	495351	1197433	0.75%	0.142%
33	8.914	2580	2589	2602	rVB2	2247572	3860434	2.41%	0.459%
34	9.037	2615	2627	2637	rBV	1710061	2852593	1.78%	0.339%

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

35	9.101	2637	2647	2658	rVB	460760	823323	0.51%	0.098%
36	9.268	2682	2699	2720	rBV2	44103552	87244106	54.45%	10.378%
37	9.406	2721	2742	2751	rVV3	69616462	160235713	100.00%	19.061%
38	9.451	2751	2756	2783	rVB2	3725644	5640144	3.52%	0.671%
39	9.725	2828	2841	2849	rBV3	666595	1229142	0.77%	0.146%
40	9.795	2849	2863	2883	rVB2	38281552	67566015	42.17%	8.038%
41	9.956	2895	2913	2923	rBV3	961134	1879236	1.17%	0.224%
42	10.049	2934	2942	2950	rVV	879617	1629440	1.02%	0.194%
43	10.094	2951	2956	2967	rVB	532922	820661	0.51%	0.098%
44	10.172	2968	2980	2990	rBV	1272656	2148129	1.34%	0.256%
45	10.262	3001	3008	3016	rVV2	439285	790235	0.49%	0.094%
46	10.326	3016	3028	3033	rVV2	703459	1379905	0.86%	0.164%
47	10.358	3033	3038	3053	rVB	774597	1298436	0.81%	0.154%
48	10.455	3053	3068	3076	rBV2	949422	2239394	1.40%	0.266%
49	10.496	3077	3081	3090	rVB5	449849	612392	0.38%	0.073%
50	10.596	3101	3112	3121	rBV	1642295	2590421	1.62%	0.308%
51	10.689	3131	3141	3156	rBV	4604941	9935039	6.20%	1.182%
52	10.779	3156	3169	3175	rVV2	2785445	5077535	3.17%	0.604%
53	10.821	3175	3182	3193	rVB	5159627	7383197	4.61%	0.878%
54	10.979	3221	3231	3239	rBV	1994951	3153038	1.97%	0.375%
55	11.120	3267	3275	3278	rVV	1217335	1573767	0.98%	0.187%
56	11.155	3278	3286	3298	rVB	10654588	16171915	10.09%	1.924%
57	11.297	3313	3330	3335	rBV2	599546	1601126	1.00%	0.190%
58	11.336	3336	3342	3353	rVV2	939794	1890496	1.18%	0.225%
59	11.403	3354	3363	3367	rVV3	949347	1585921	0.99%	0.189%
60	11.435	3368	3373	3381	rVV	1175870	1939477	1.21%	0.231%
61	11.487	3382	3389	3397	rVV3	1279792	2183308	1.36%	0.260%
62	11.535	3398	3404	3409	rVV2	857667	1362110	0.85%	0.162%
63	11.580	3409	3418	3425	rVV	6042903	9457886	5.90%	1.125%
64	11.615	3426	3429	3440	rVV	1064594	1498645	0.94%	0.178%
65	11.673	3441	3447	3450	rVV2	336445	468611	0.29%	0.056%
66	11.709	3451	3458	3468	rVV2	1036557	1650218	1.03%	0.196%
67	11.786	3468	3482	3485	rVV3	3779752	7072003	4.41%	0.841%
68	11.818	3486	3492	3500	rVV	8750474	13221561	8.25%	1.573%
69	11.882	3500	3512	3528	rVB4	14460838	30953786	19.32%	3.682%
70	11.988	3536	3545	3551	rBV	910996	1433688	0.89%	0.171%
71	12.033	3551	3559	3563	rVV	4399178	6050255	3.78%	0.720%

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 Title : VOC Analysis

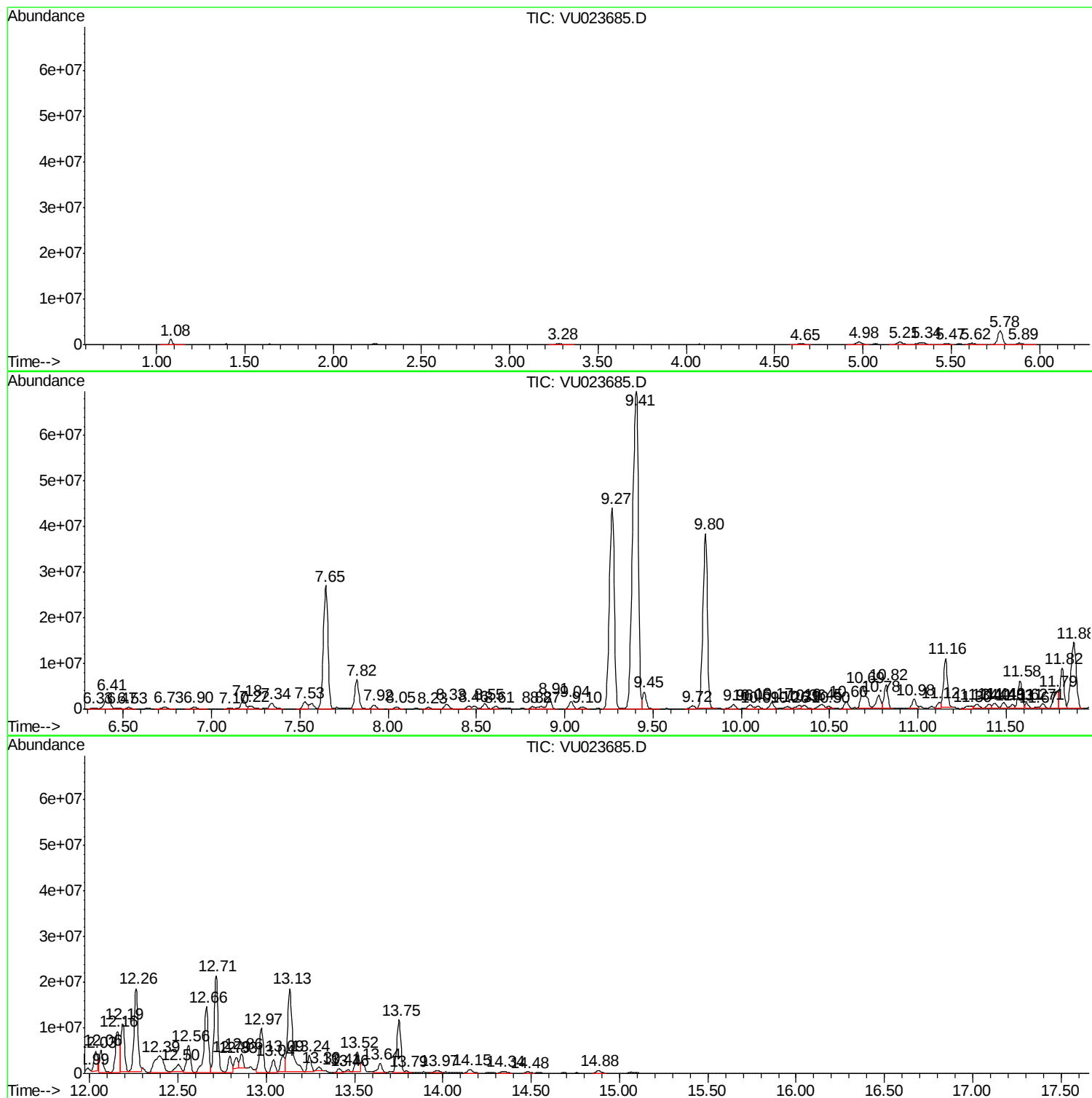
72	12.062	3564	3568	3586	rVB	4857862	6963962	4.35%	0.828%
73	12.155	3586	3597	3602	rBV	8993563	14582207	9.10%	1.735%
74	12.188	3602	3607	3616	rVB	10422868	14322145	8.94%	1.704%
75	12.262	3617	3630	3640	rBV	18166752	27922952	17.43%	3.322%
76	12.393	3653	3671	3691	rBV6	3608597	13202665	8.24%	1.571%
77	12.499	3691	3704	3713	rBV4	1662052	3443507	2.15%	0.410%
78	12.561	3713	3723	3733	rVB	6050551	9571929	5.97%	1.139%
79	12.660	3733	3754	3762	rBV	14536942	25133966	15.69%	2.990%
80	12.715	3762	3771	3786	rVB	21177918	31958120	19.94%	3.802%
81	12.792	3786	3795	3801	rBV	3497929	5203931	3.25%	0.619%
82	12.827	3801	3806	3811	rVV	2388621	3282503	2.05%	0.390%
83	12.860	3811	3816	3823	rVB	3093661	3859079	2.41%	0.459%
84	12.972	3841	3851	3862	rVB2	9730203	14836494	9.26%	1.765%
85	13.040	3863	3872	3879	rBV2	2779939	3994029	2.49%	0.475%
86	13.094	3879	3889	3892	rVV3	3649960	5599703	3.49%	0.666%
87	13.133	3893	3901	3927	rVB3	18310956	35448104	22.12%	4.217%
88	13.242	3927	3935	3944	rBV	3667840	5251072	3.28%	0.625%
89	13.297	3945	3952	3960	rVB3	833372	1271898	0.79%	0.151%
90	13.413	3979	3988	3996	rBV2	982708	1616331	1.01%	0.192%
91	13.461	3997	4003	4010	rVB	490105	630932	0.39%	0.075%
92	13.515	4010	4020	4026	rBV3	4449291	7513354	4.69%	0.894%
93	13.644	4046	4060	4070	rVB2	2000814	3499316	2.18%	0.416%
94	13.750	4082	4093	4103	rVV	11621008	18279334	11.41%	2.174%
95	13.792	4103	4106	4116	rVB	462668	567228	0.35%	0.067%
96	13.969	4149	4161	4170	rBV5	547654	1233223	0.77%	0.147%
97	14.152	4208	4218	4233	rBV2	735863	1398847	0.87%	0.166%
98	14.342	4266	4277	4291	rBV4	392071	884098	0.55%	0.105%
99	14.480	4312	4320	4330	rBV	304452	486115	0.30%	0.058%
100	14.879	4434	4444	4457	rBV	611150	1040009	0.65%	0.124%

Sum of corrected areas: 840628708

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ALS Vial : 5 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



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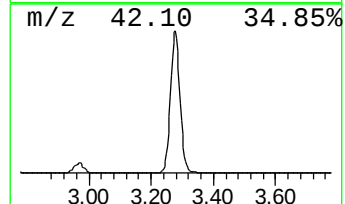
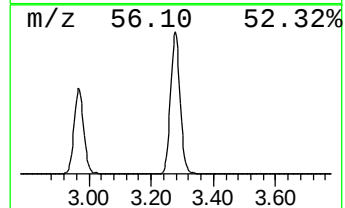
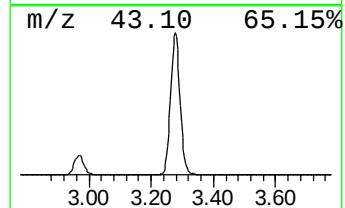
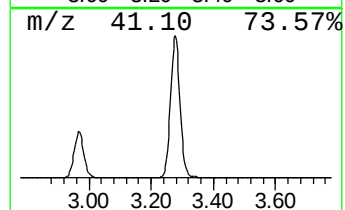
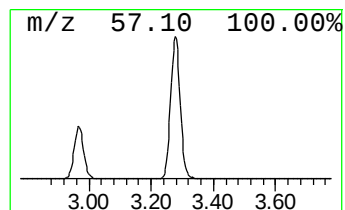
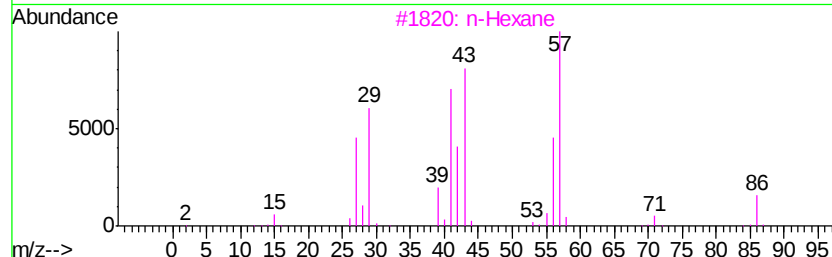
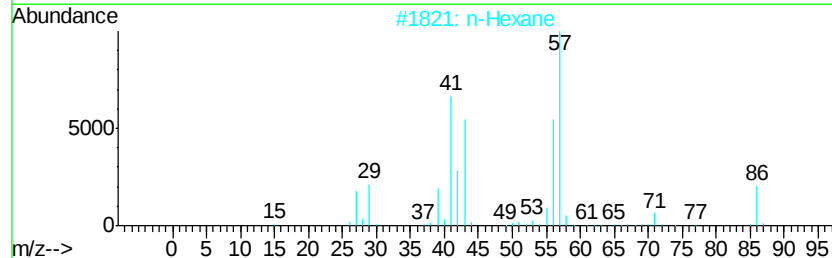
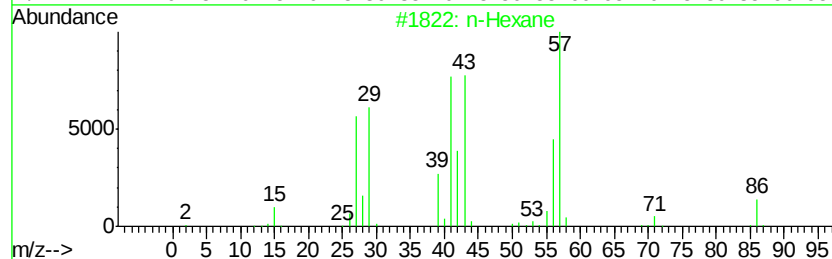
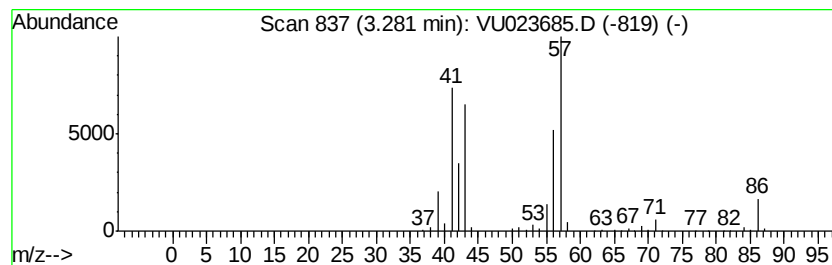
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.28	40.97 ug/L	567438	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	91
2		n-Hexane	86	C6H14	000110-54-3	91
3		n-Hexane	86	C6H14	000110-54-3	90
4		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	47
5		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	43



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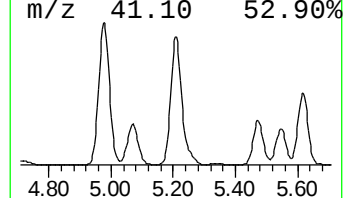
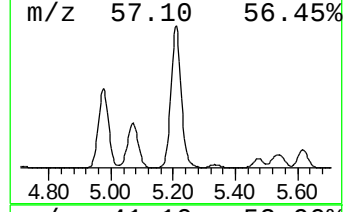
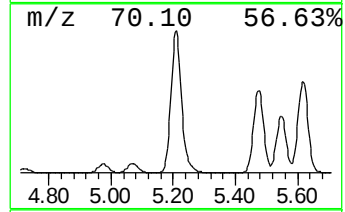
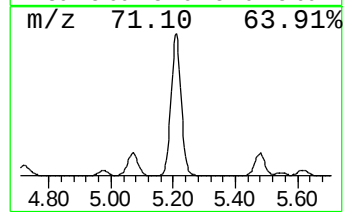
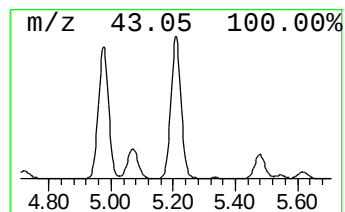
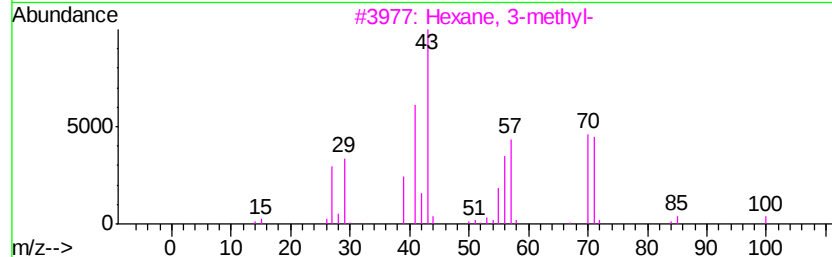
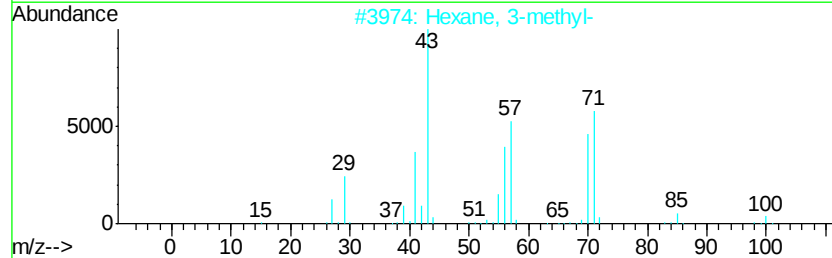
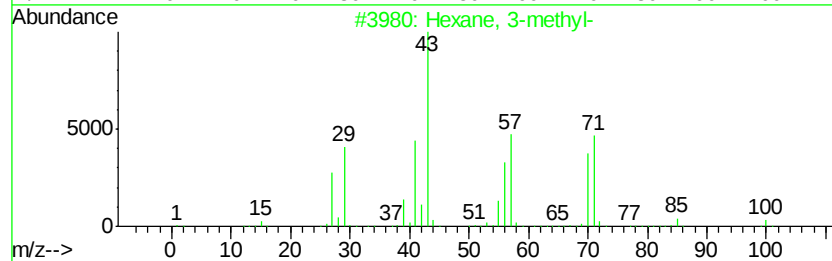
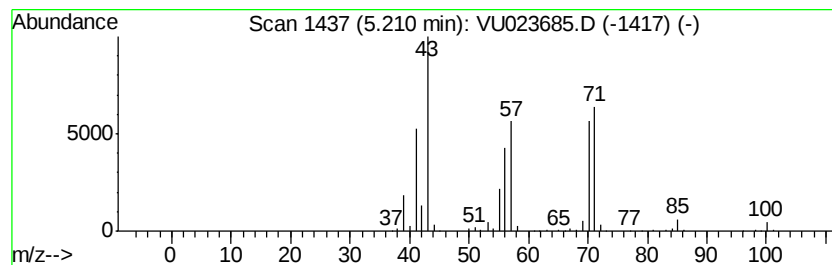
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	101.16 ug/L	1401170	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2		Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3		Hexane, 3-methyl-	100	C7H16	000589-34-4	87
4		Heptane	100	C7H16	000142-82-5	80
5		Heptane, 4-methyl-	114	C8H18	000589-53-7	59



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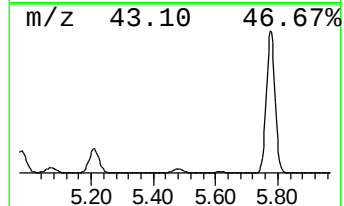
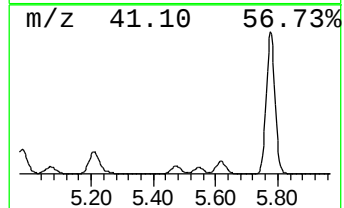
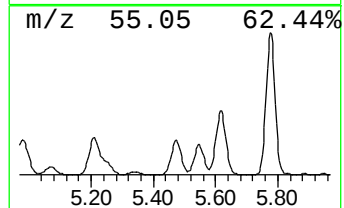
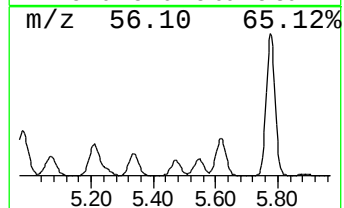
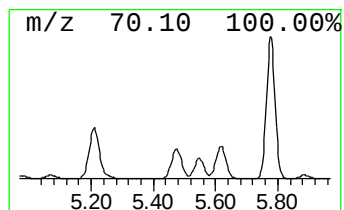
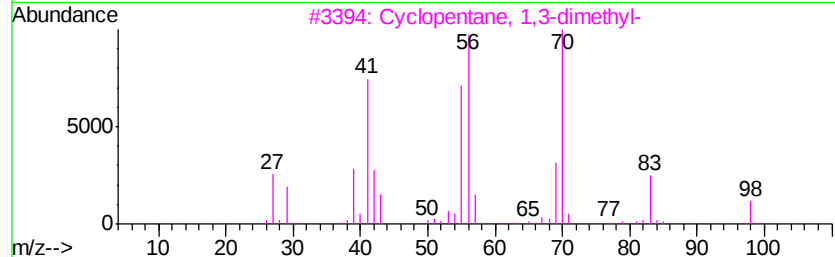
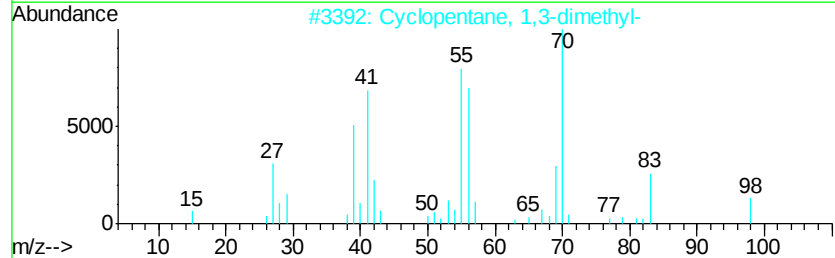
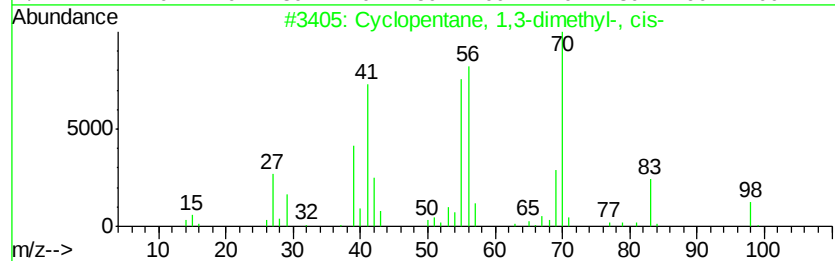
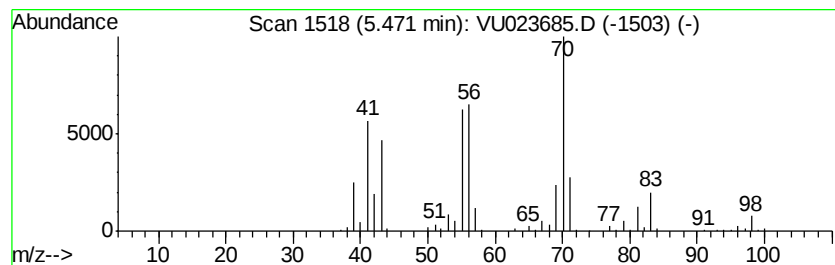
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Cyclic5.47 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.47	35.14 ug/L	486696	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
2		Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	87
3		Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	64
4		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	60
5		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	60



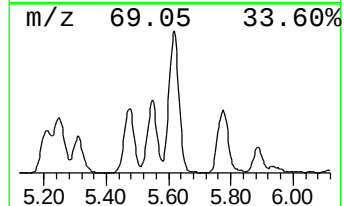
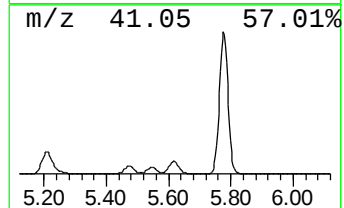
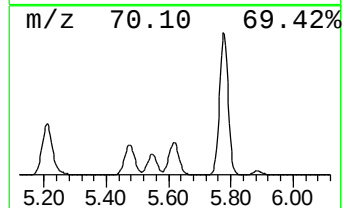
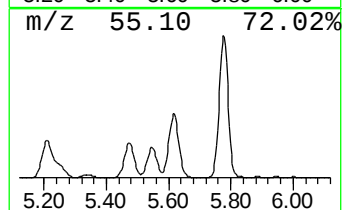
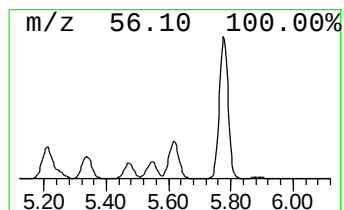
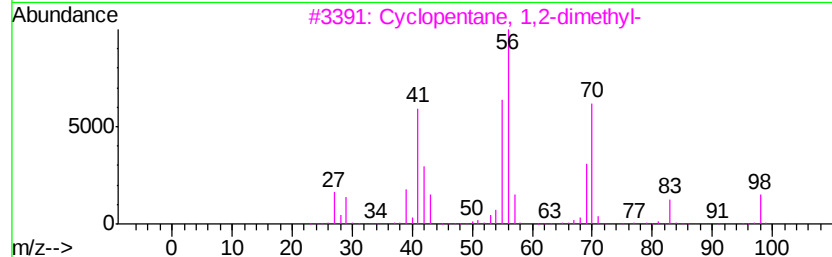
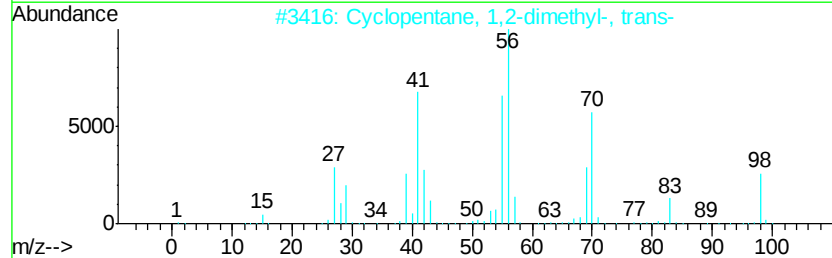
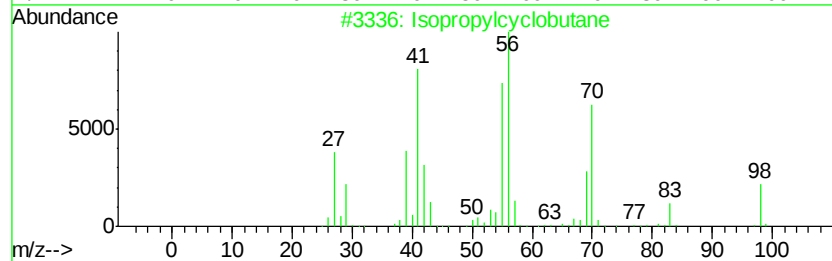
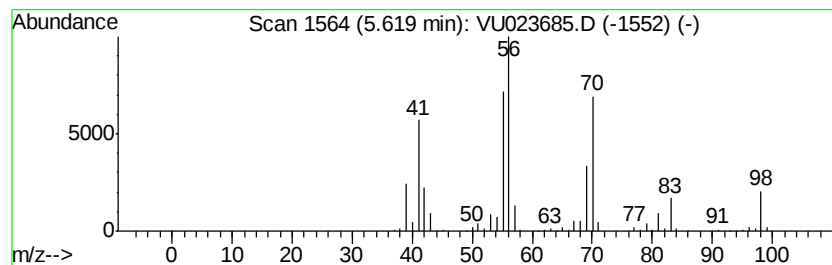
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Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

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 (DEL) Alkane: Cyclic5.62 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.62	52.60 ug/L	728561	1,4-Difluorobenzene	5.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	93
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	90
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	90
5	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	86



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
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Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

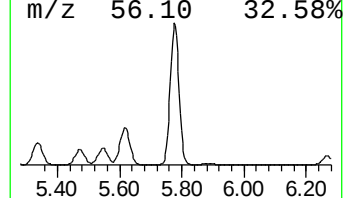
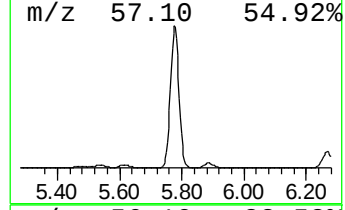
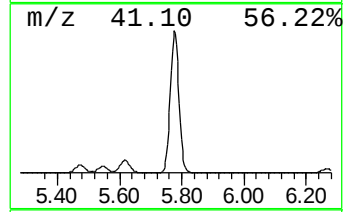
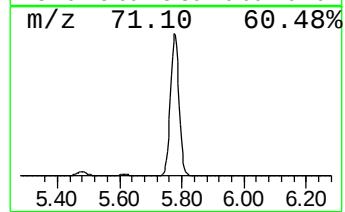
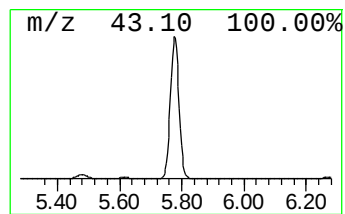
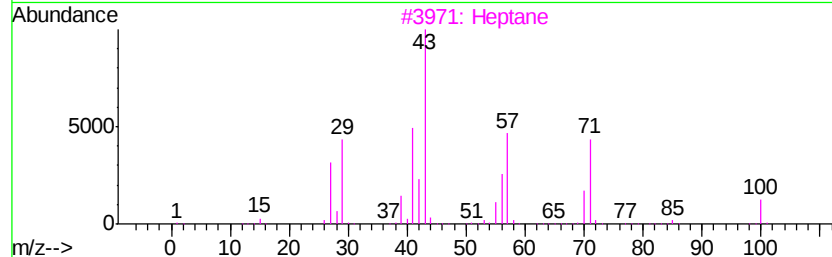
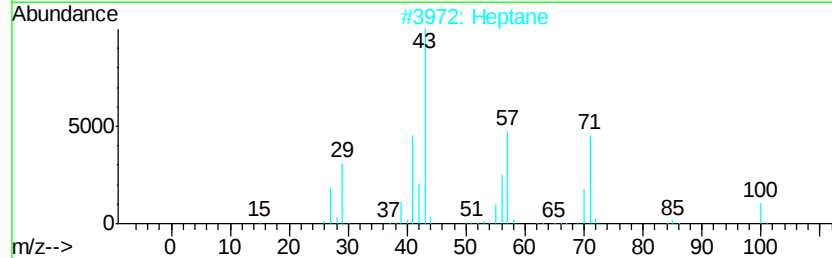
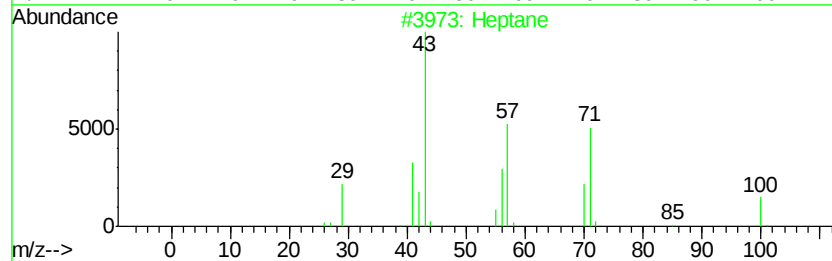
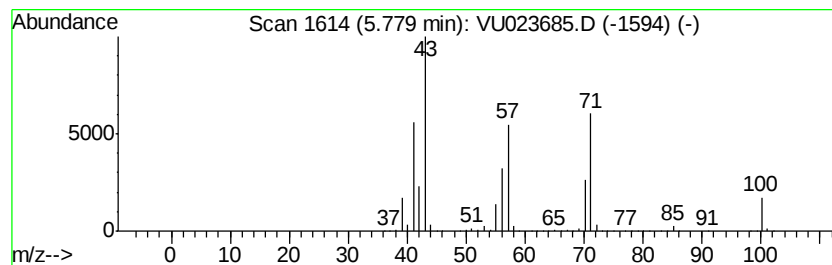
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.78	429.96 ug/L	5955400	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	91
3		Heptane	100	C7H16	000142-82-5	90
4		Heptane	100	C7H16	000142-82-5	87
5		Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	59



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

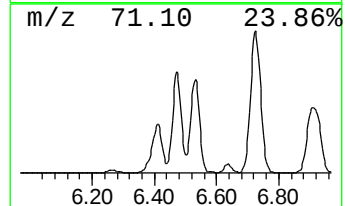
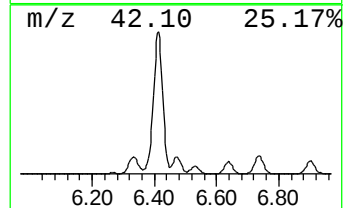
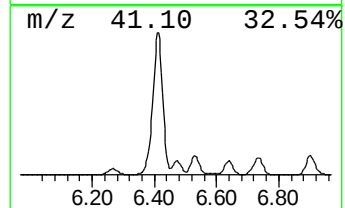
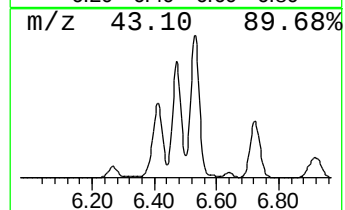
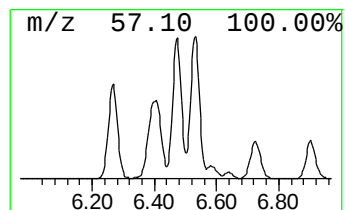
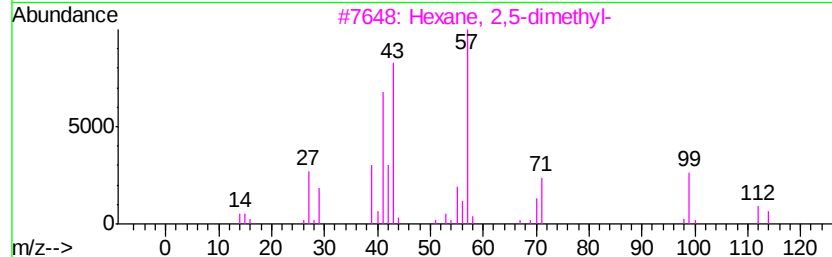
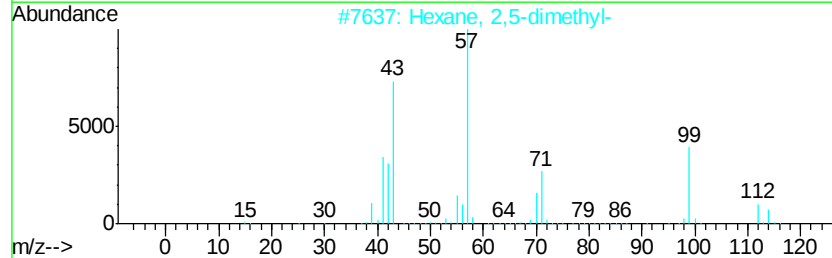
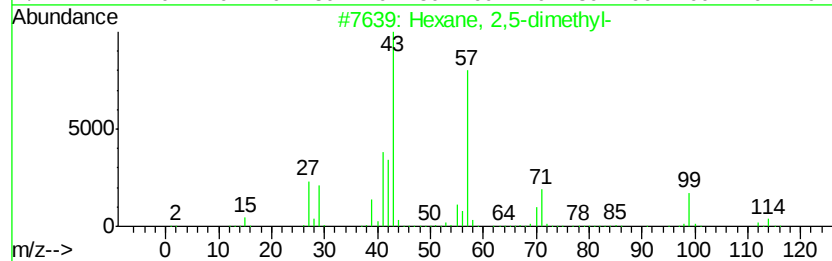
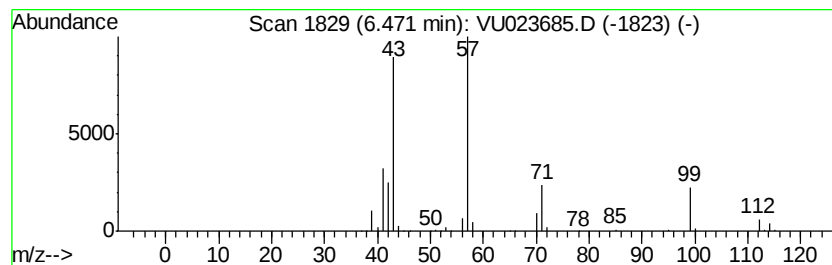
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	34.02 ug/L	471188	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	74
2		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	64
3		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	47
4		1-Pyrrolidinecarboxaldehyde	99	C5H9NO	003760-54-1	47
5		2,5-Hexanedione	114	C6H10O2	000110-13-4	43



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

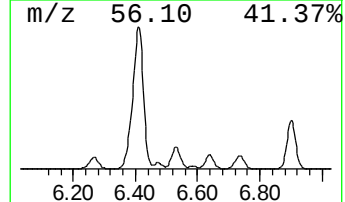
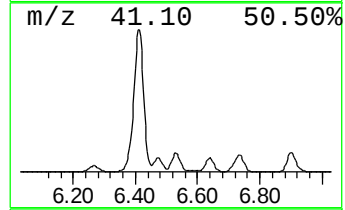
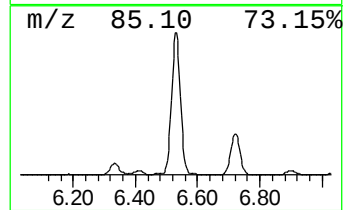
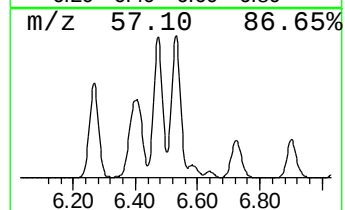
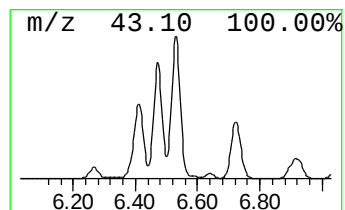
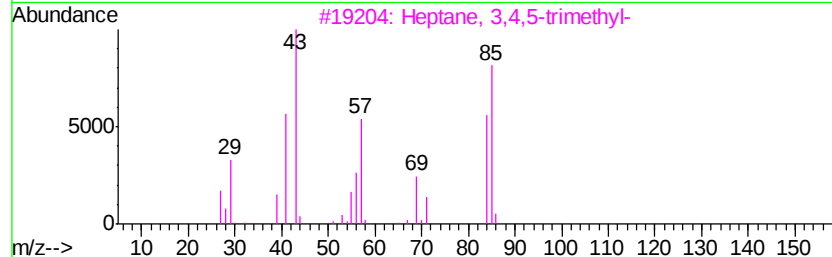
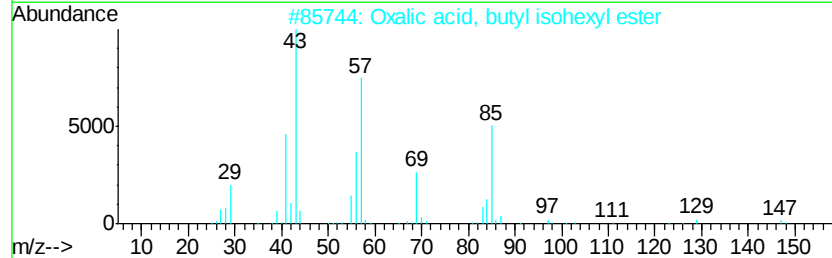
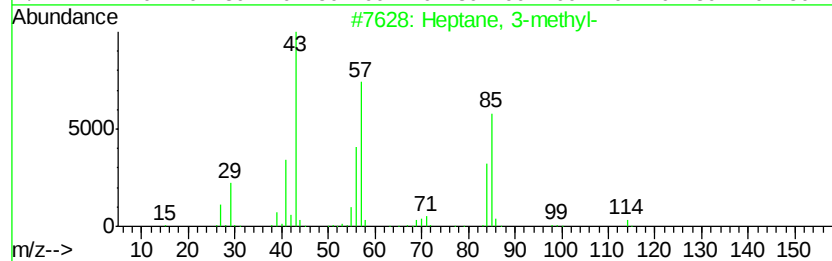
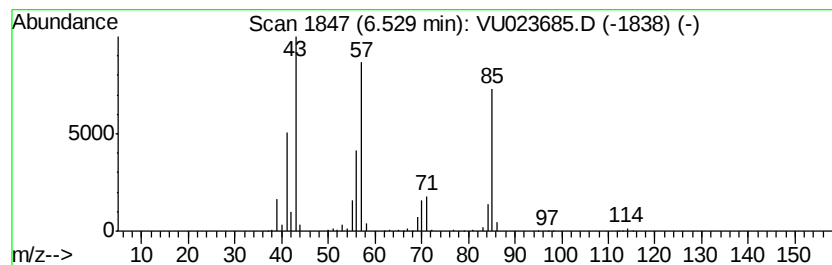
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	47.08 ug/L	652095	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-methyl-	114	C8H18	000589-81-1	86
2		Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	78
3		Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	72
4		Sulfurous acid, isohexyl hexyl e...	250	C12H26O3S	1000309-12-8	53
5		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

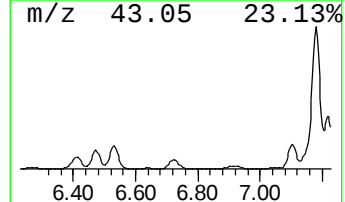
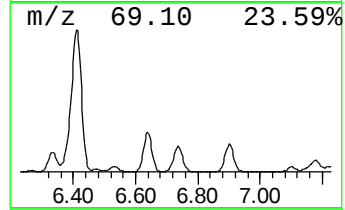
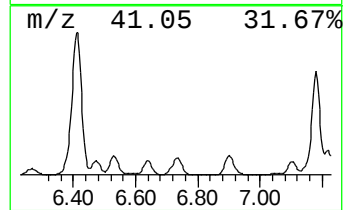
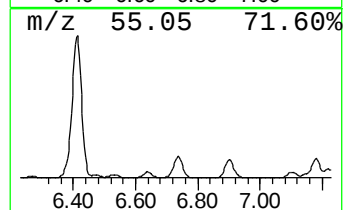
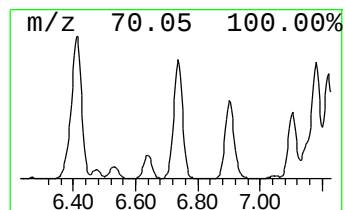
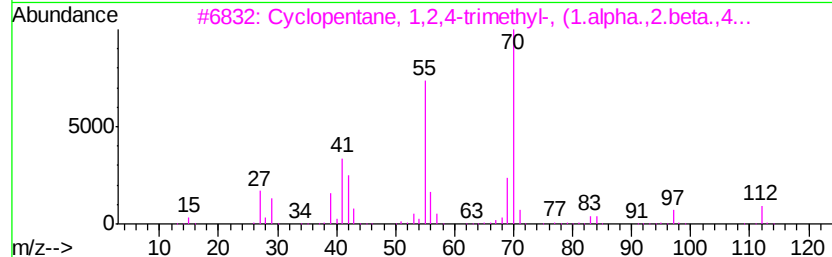
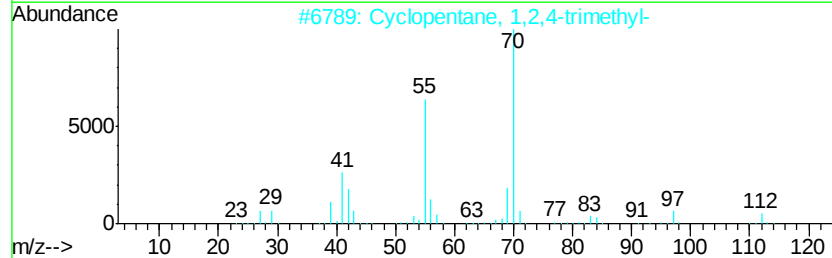
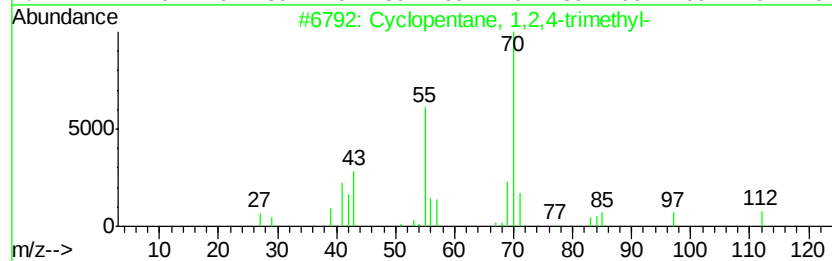
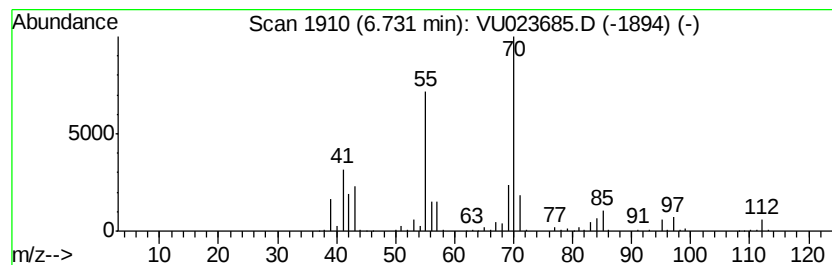
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Cyclic6.73 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	71.33 ug/L	987950	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
2		Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	87
3		Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	80
4		Undecane, 3-methylene-	168	C12H24	071138-64-2	72
5		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	72



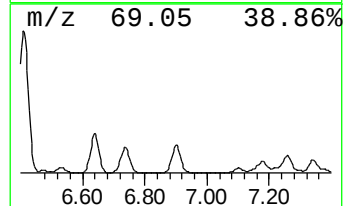
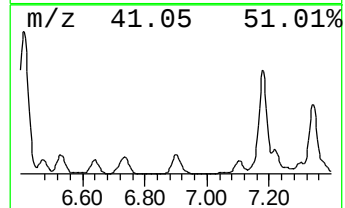
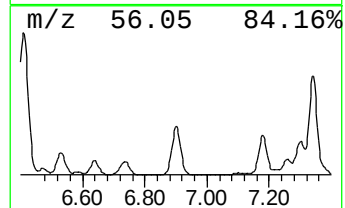
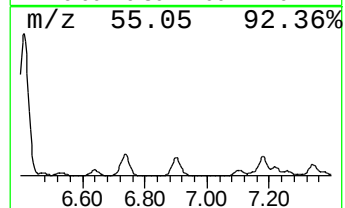
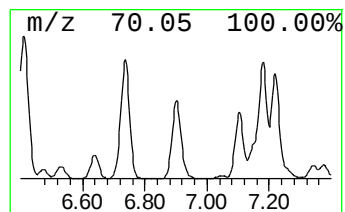
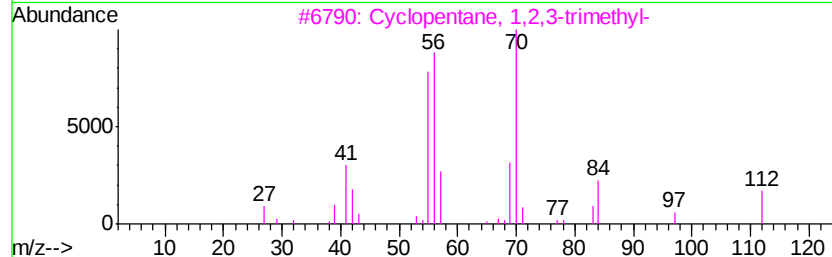
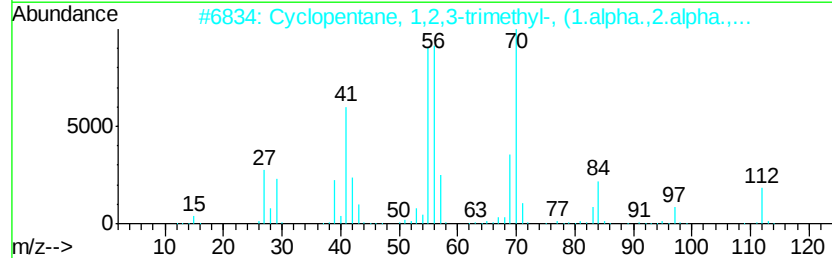
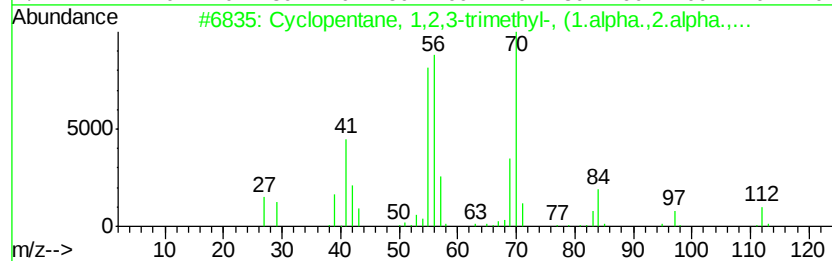
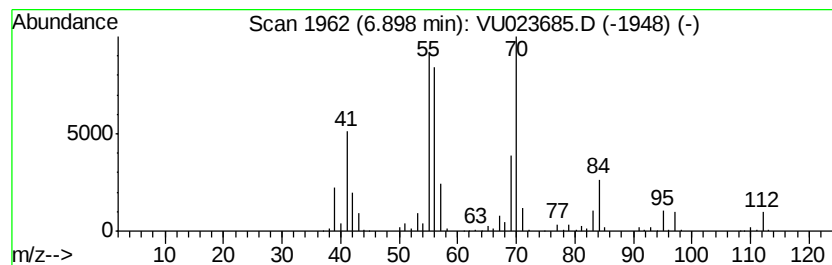
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Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

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 (DEL) Alkane: Cyclic6.90 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.		
6.90	66.14 ug/L	916103	1,4-Difluorobenzene	5.89		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	95	
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	91	
3	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	91	
4	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	83	
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	81	



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

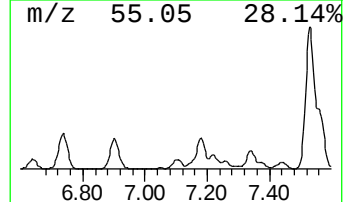
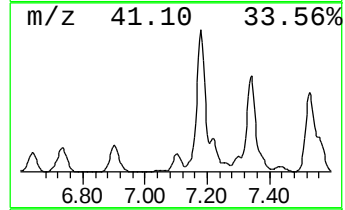
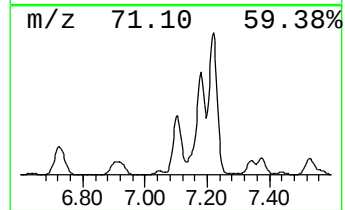
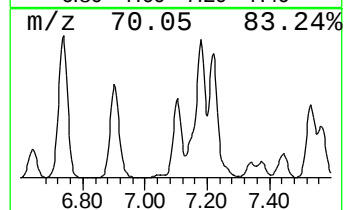
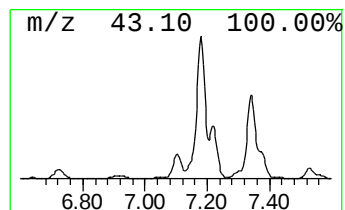
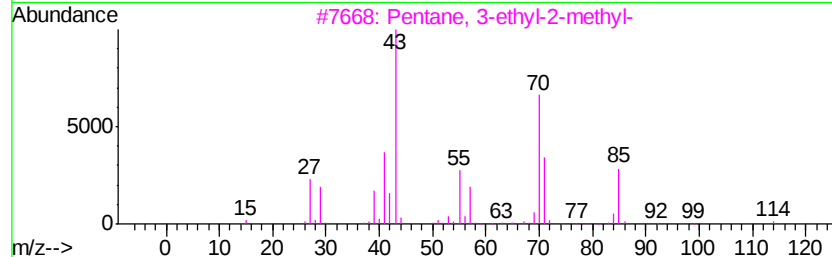
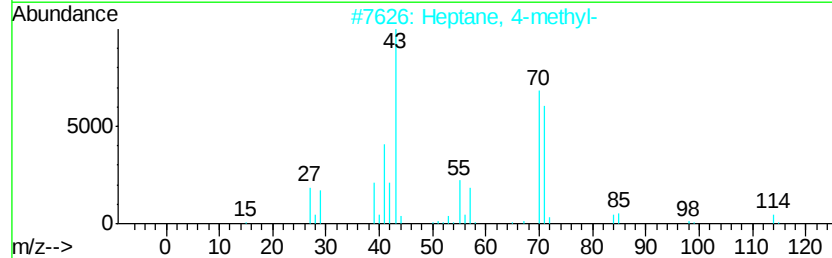
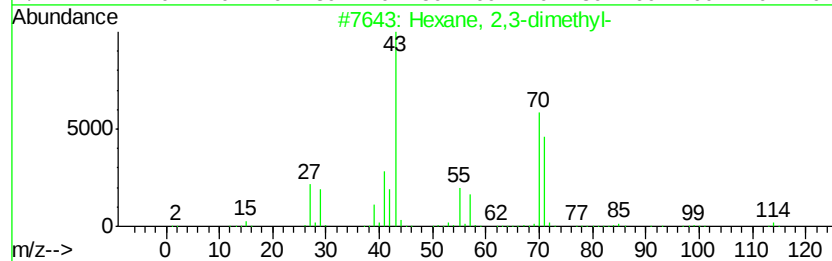
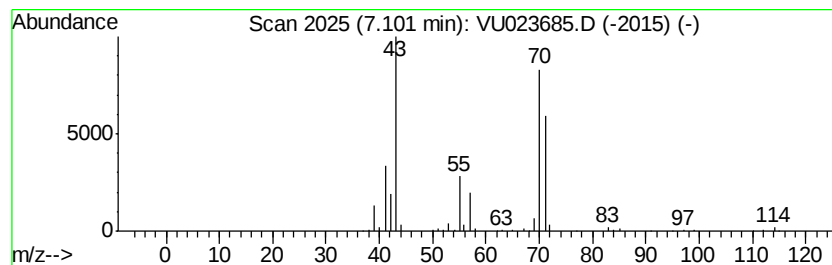
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	38.46 ug/L	532743	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	91
2		Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3		Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	80
4		Heptane, 4-methyl-	114	C8H18	000589-53-7	78
5		3,4-Diethyl hexane	142	C10H22	019398-77-7	78



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

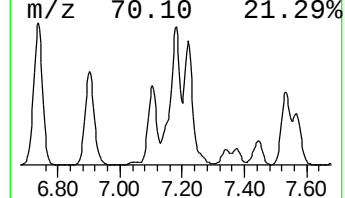
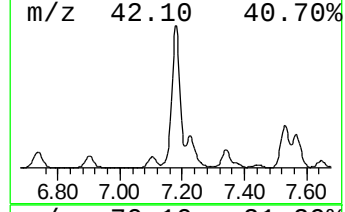
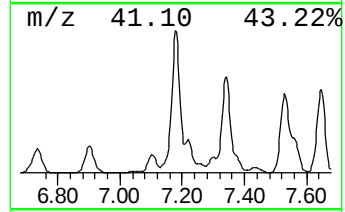
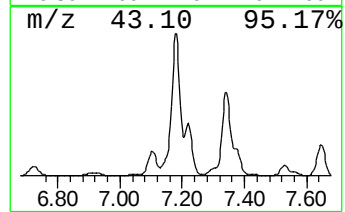
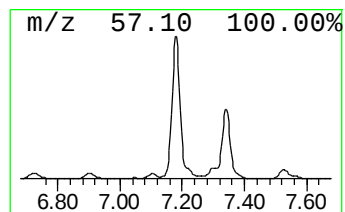
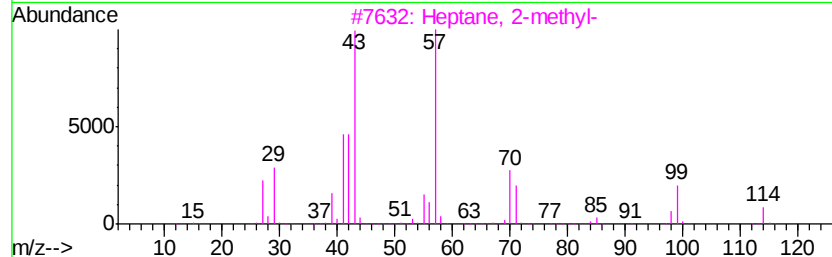
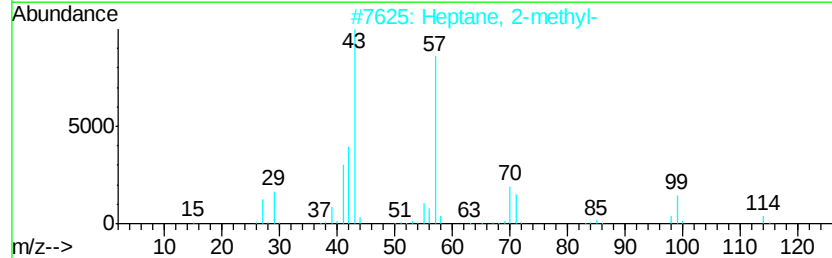
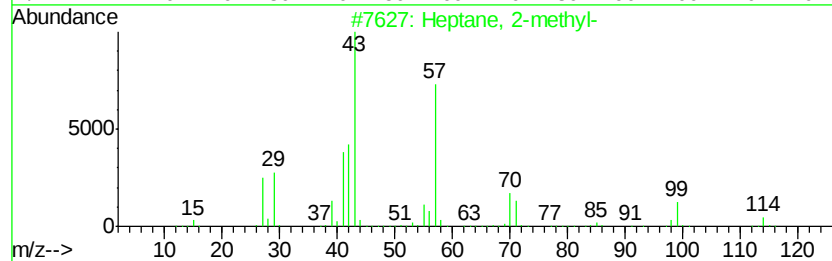
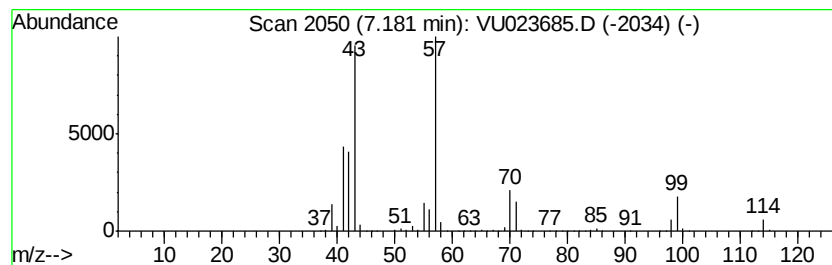
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	241.72 ug/L	3348040	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2-methyl-	114	C8H18	000592-27-8	94
2		Heptane, 2-methyl-	114	C8H18	000592-27-8	94
3		Heptane, 2-methyl-	114	C8H18	000592-27-8	83
4		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	80
5		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	72



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

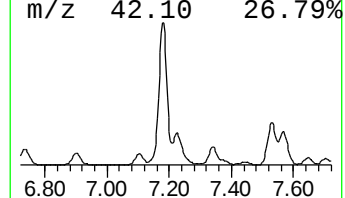
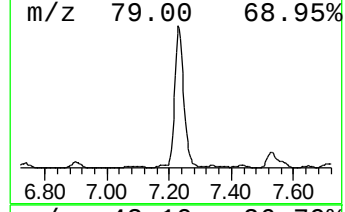
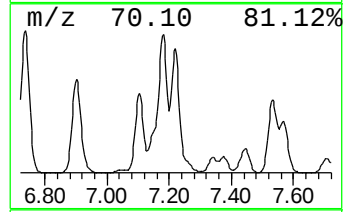
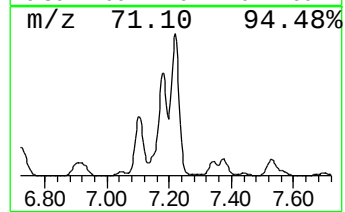
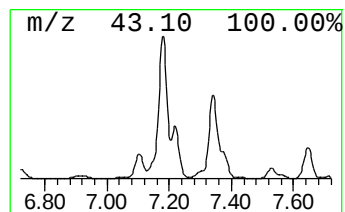
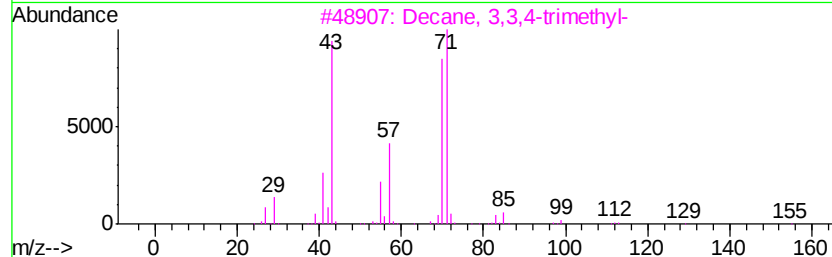
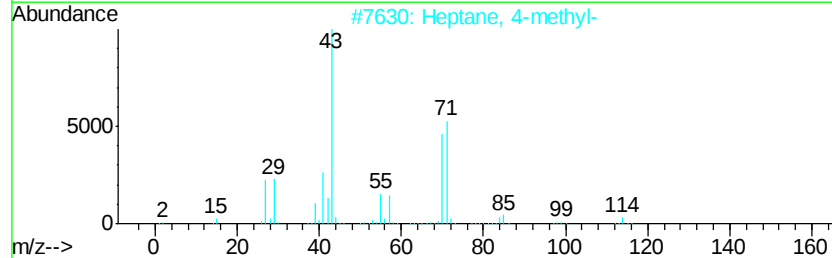
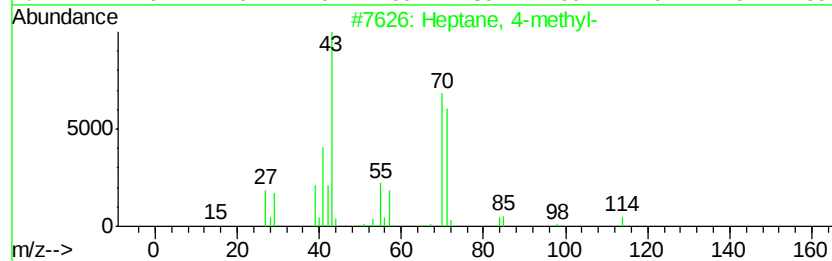
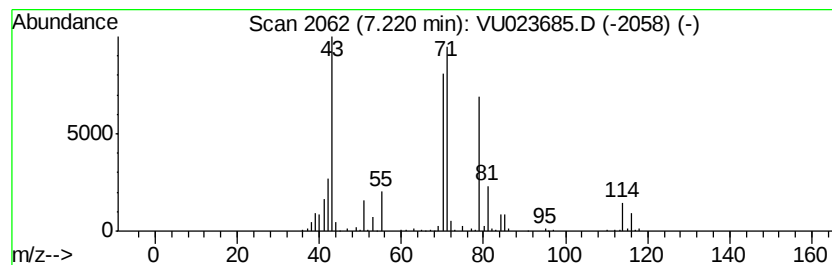
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	79.06 ug/L	1095100	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
2		Heptane, 4-methyl-	114	C8H18	000589-53-7	59
3		Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	50
4		Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	50
5		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	50



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

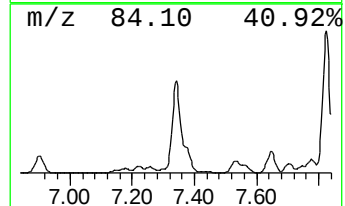
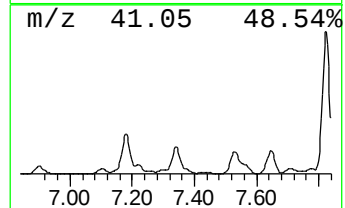
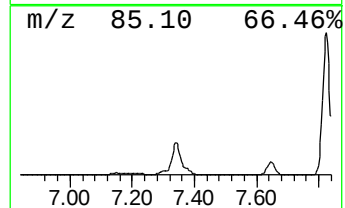
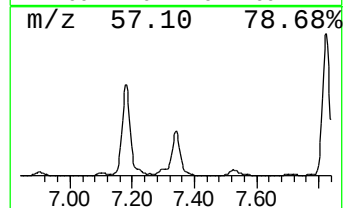
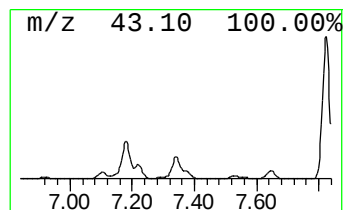
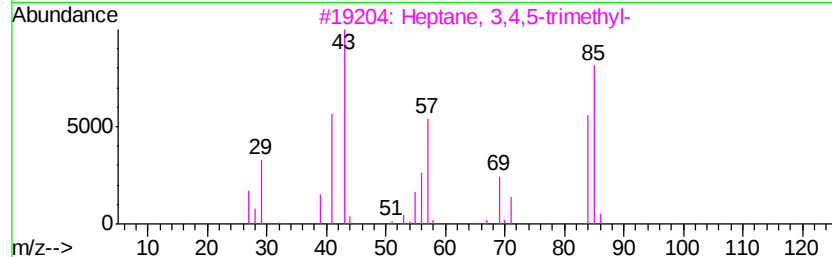
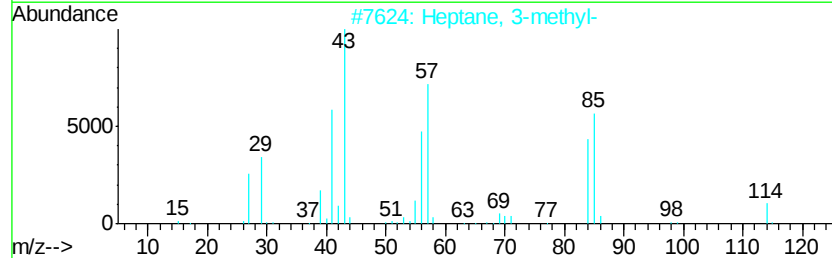
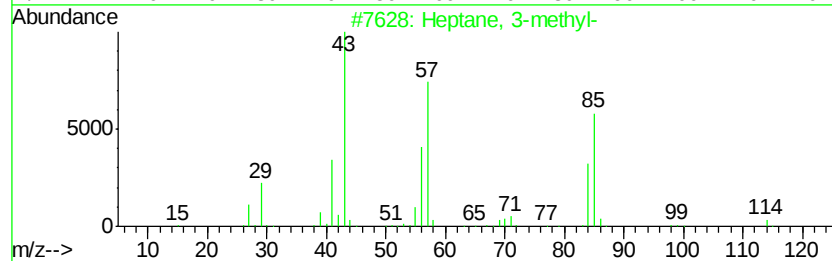
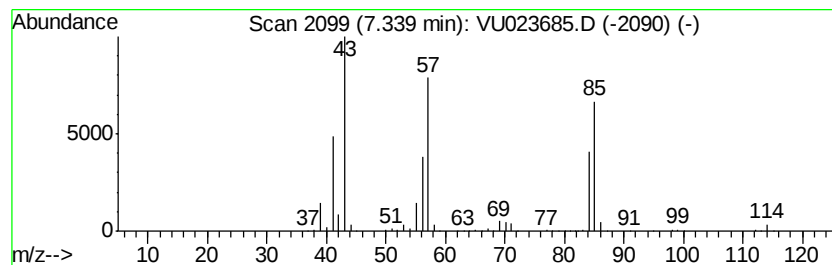
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Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	183.90 ug/L	2547260	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-methyl-	114	C8H18	000589-81-1	87
2		Heptane, 3-methyl-	114	C8H18	000589-81-1	87
3		Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	86
4		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	68
5		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

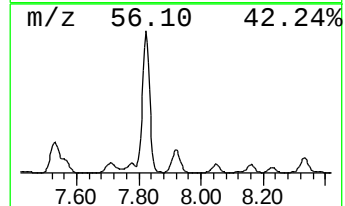
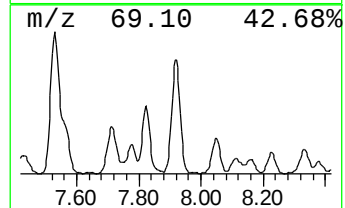
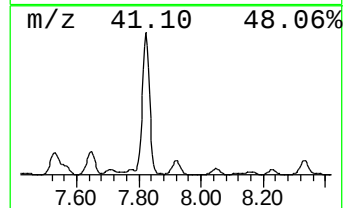
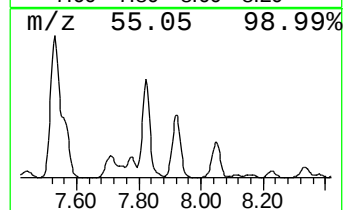
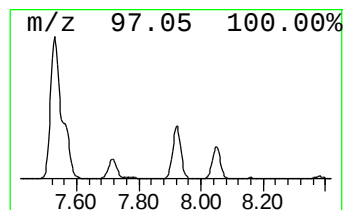
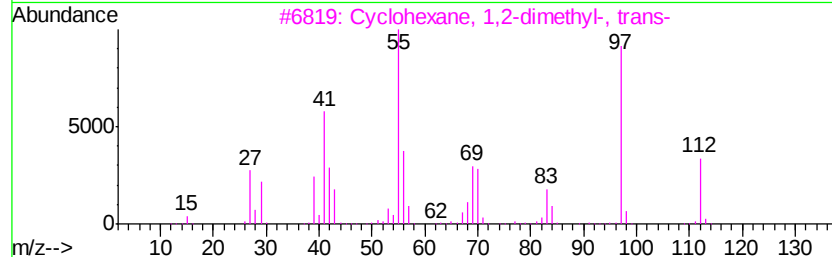
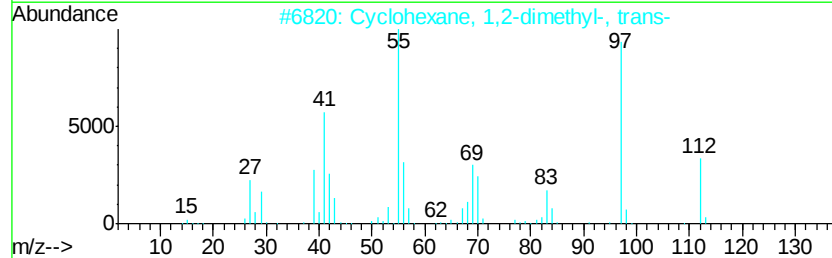
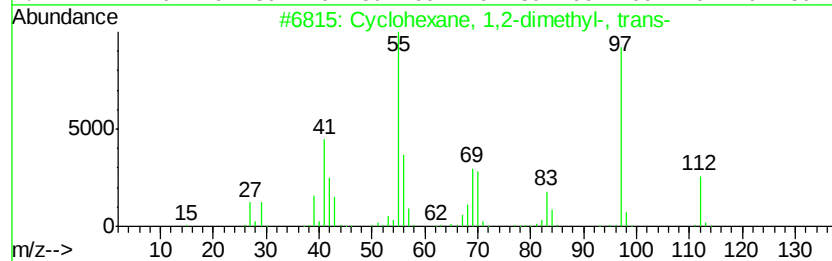
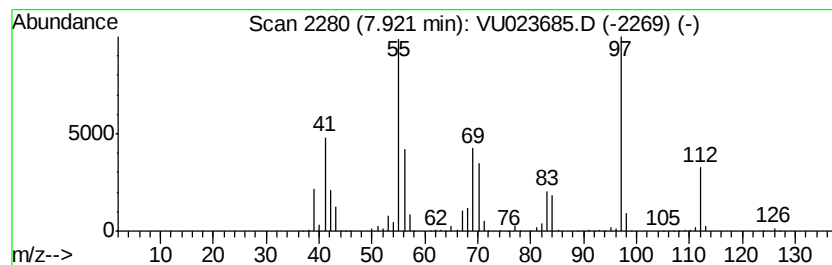
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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Cyclic7.92 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	98.18 ug/L	1616640	Chlorobenzene-d5	9.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	95
2		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	95
3		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	95
4		Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	94
5		Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

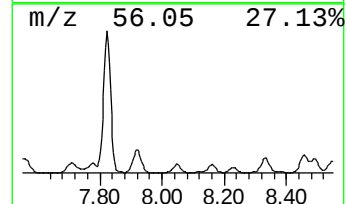
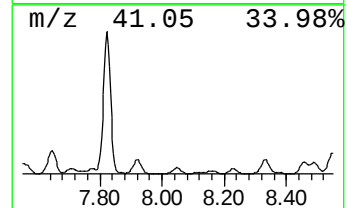
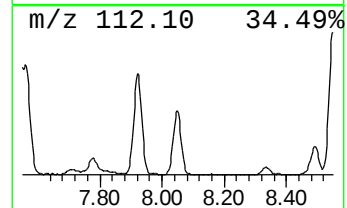
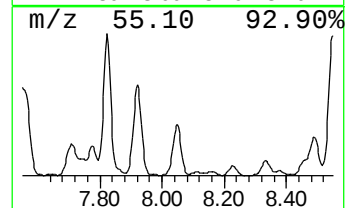
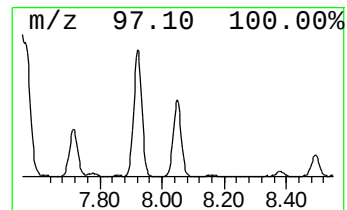
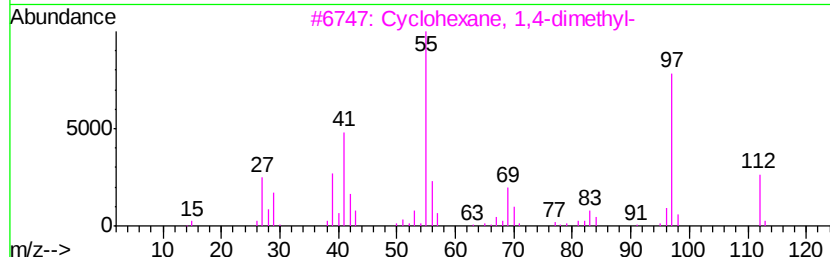
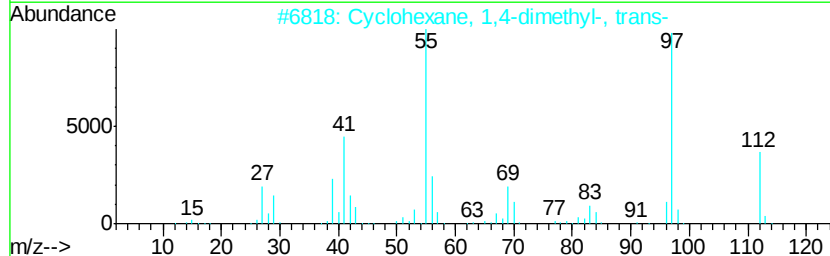
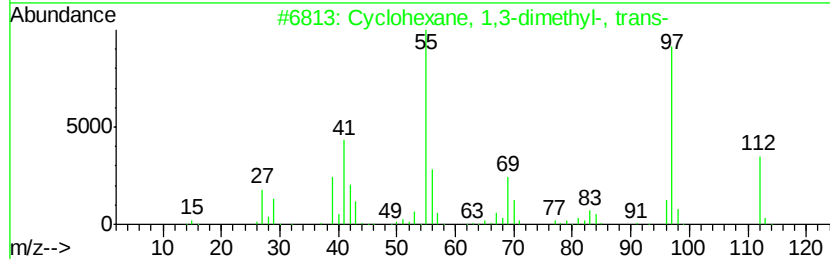
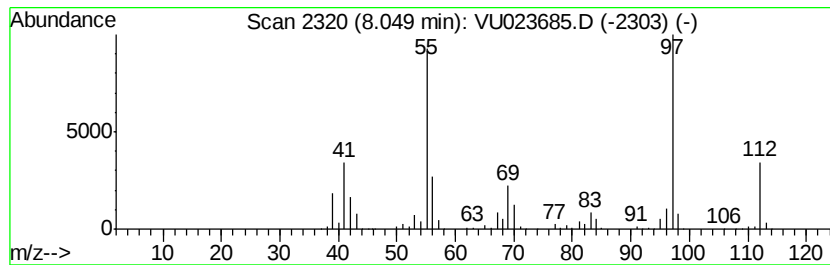
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Cyclic8.05 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	45.22 ug/L	744652	Chlorobenzene-d5	9.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	96
2		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	96
3		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	95
4		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	94
5		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

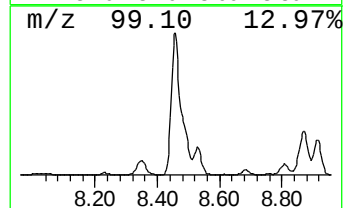
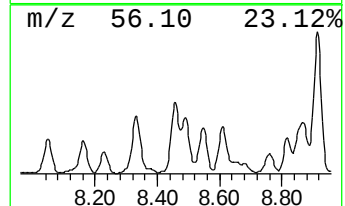
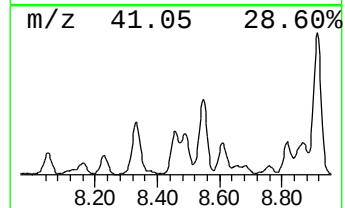
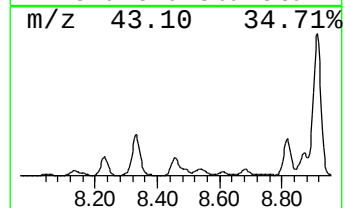
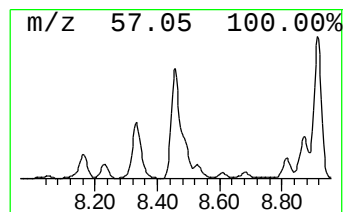
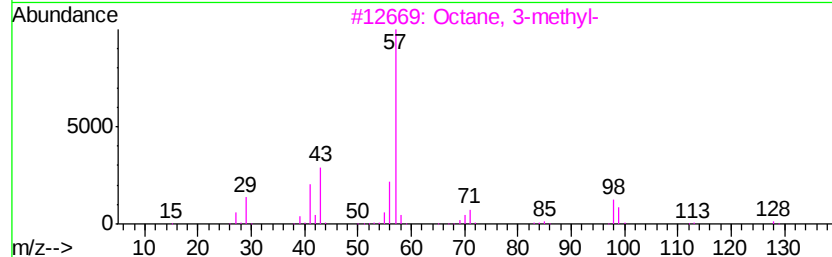
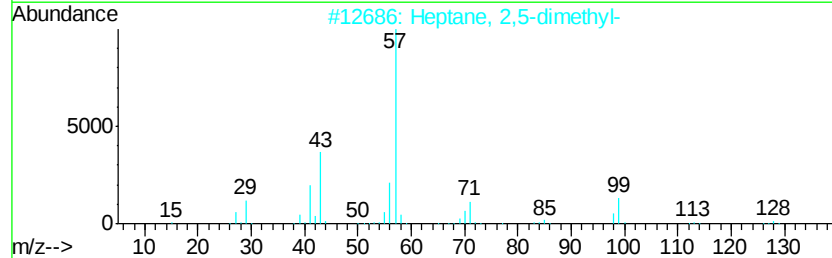
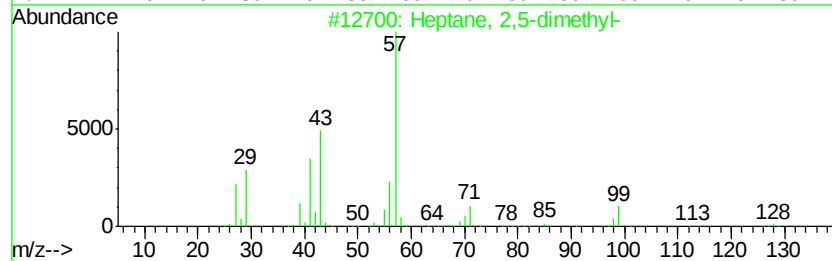
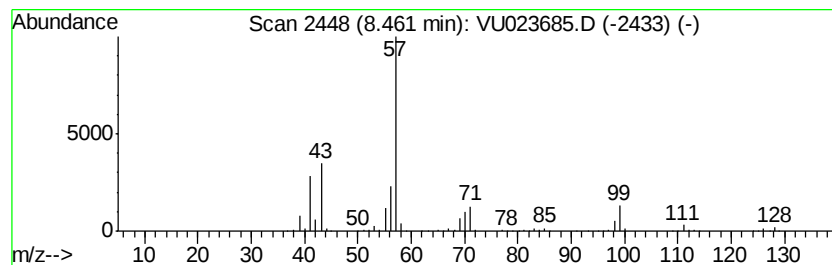
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Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	60.97 ug/L	1003970	Chlorobenzene-d5	9.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
2		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
3		Octane, 3-methyl-	128	C9H20	002216-33-3	87
4		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	86
5		Octane, 3-methyl-	128	C9H20	002216-33-3	80



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

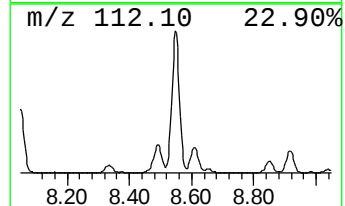
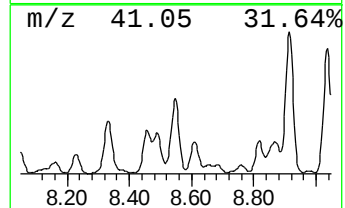
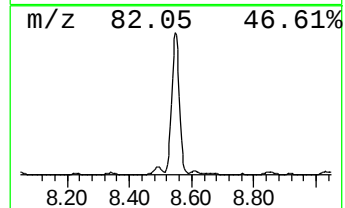
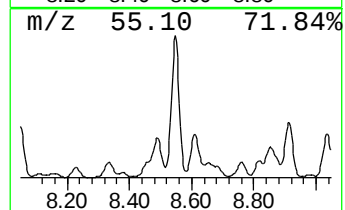
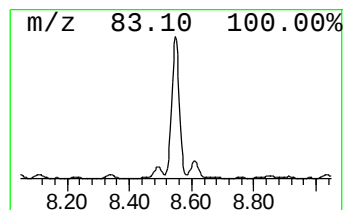
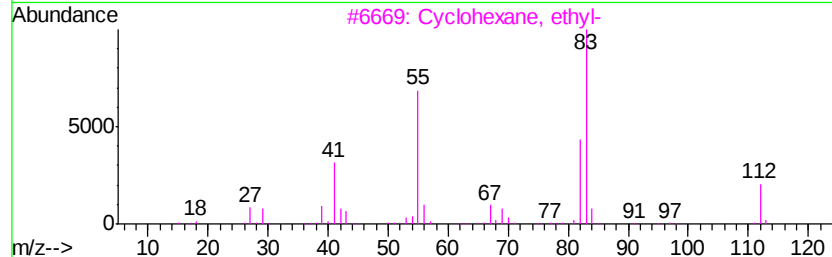
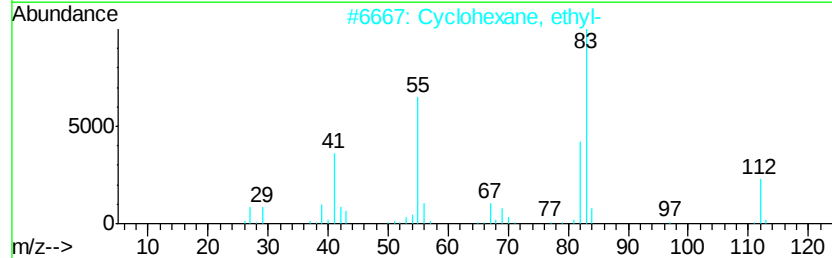
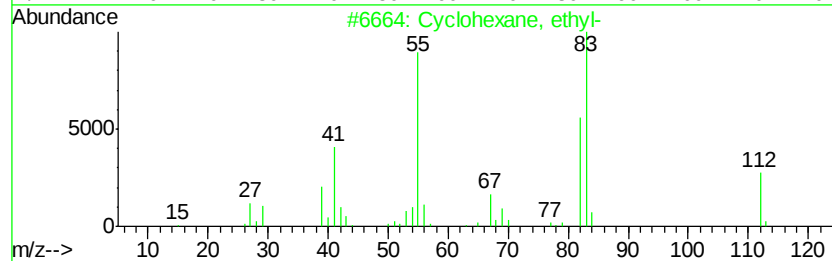
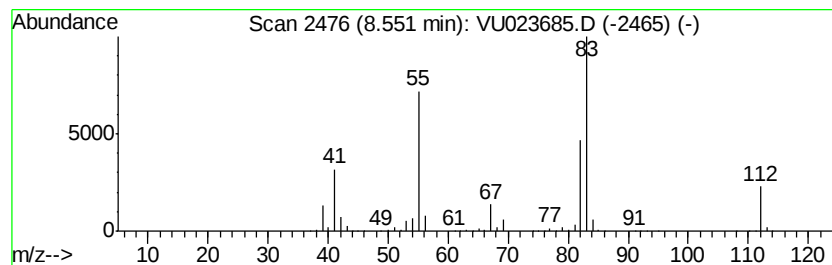
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Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Cyclic8.55 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	117.11 ug/L	1928330	Chlorobenzene-d5	9.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	93
2		Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
3		Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
5		Cyclohexane, ethyl-	112	C8H16	001678-91-7	78



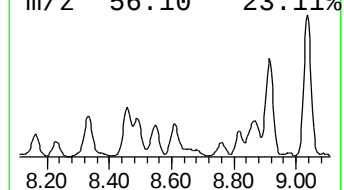
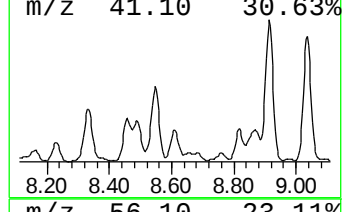
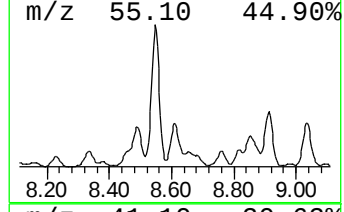
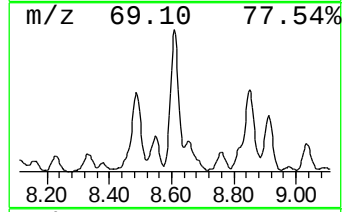
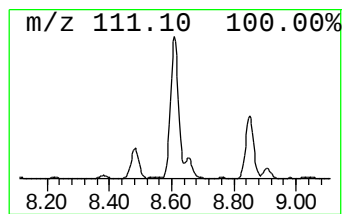
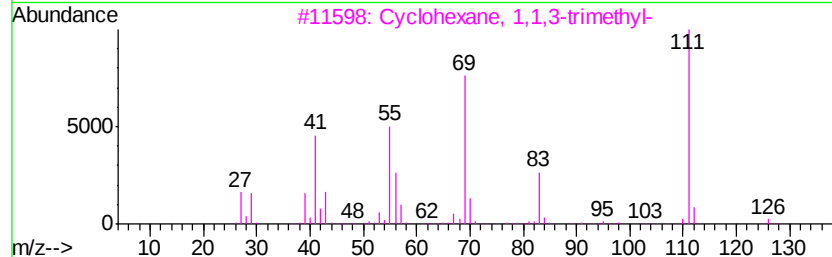
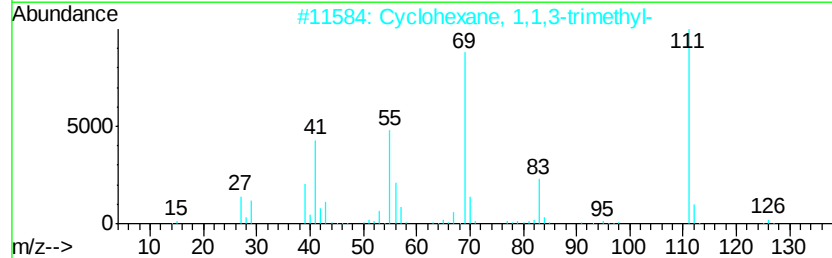
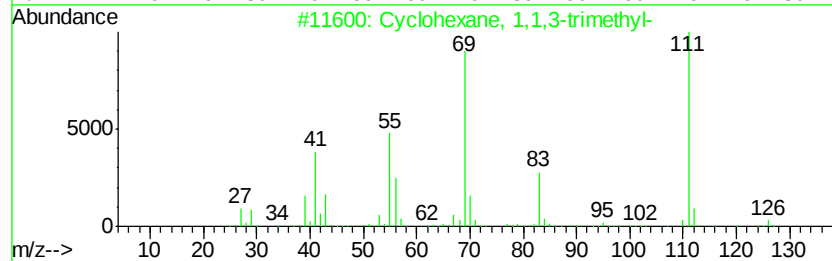
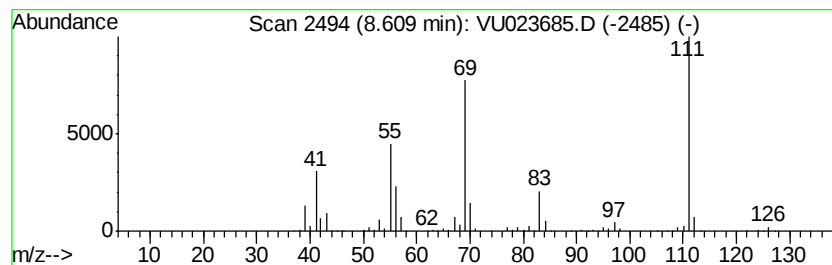
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Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

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 (DEL) Alkane: Cyclic8.61 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.61	56.07 ug/L	923230	Chlorobenzene-d5	9.10	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

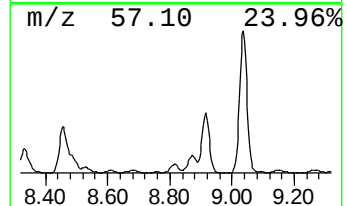
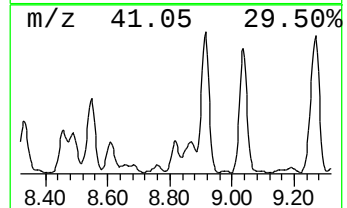
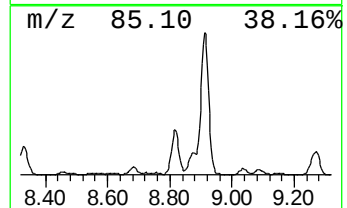
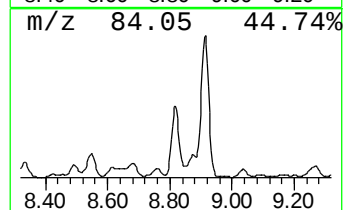
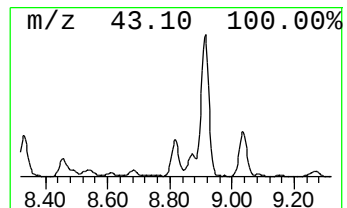
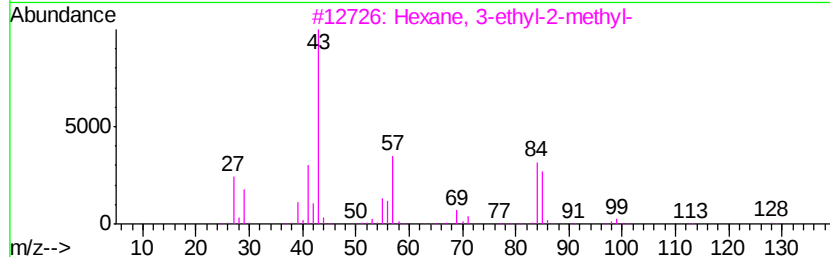
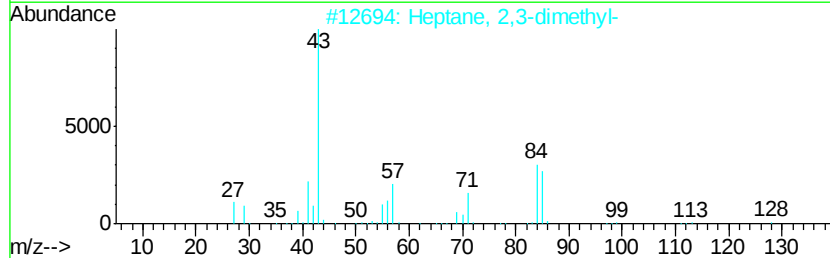
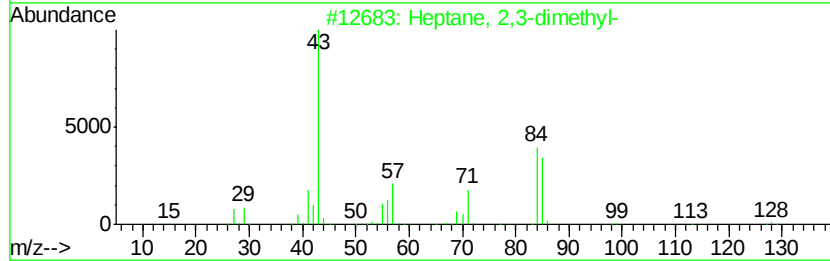
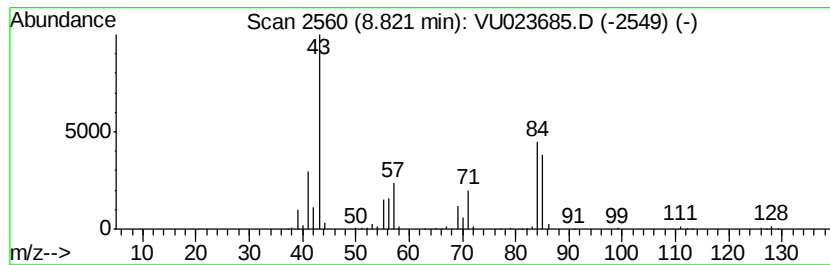
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Quant Title : VOC Analysis

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	53.51 ug/L	881105	Chlorobenzene-d5	9.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	95
2			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	91
3			Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	80
4			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	74
5			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	74



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

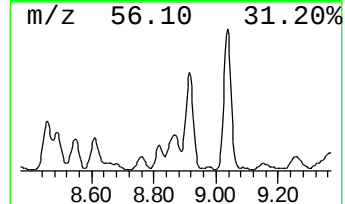
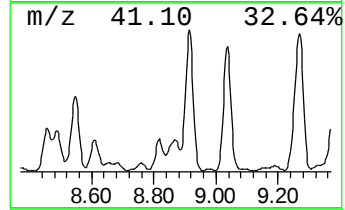
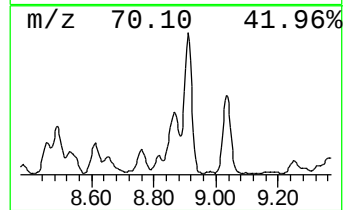
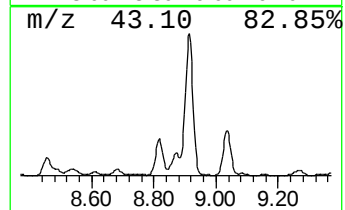
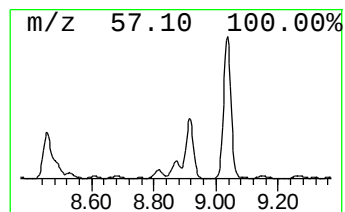
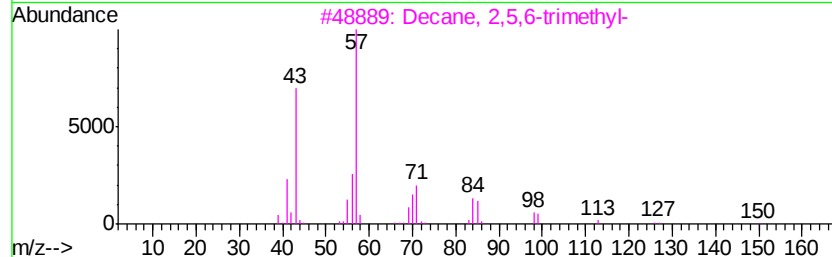
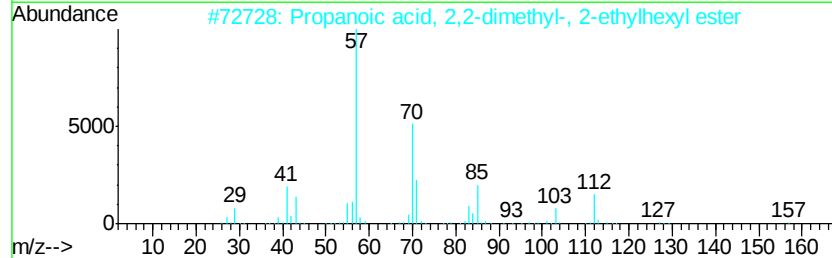
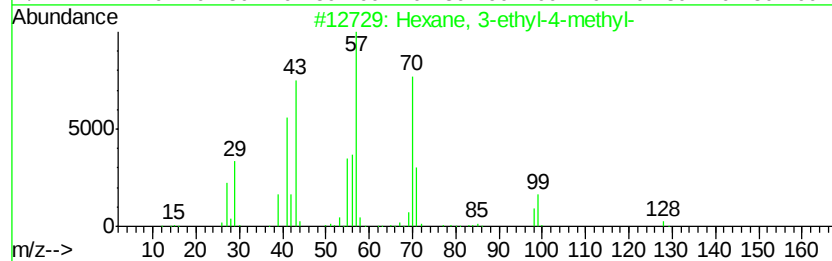
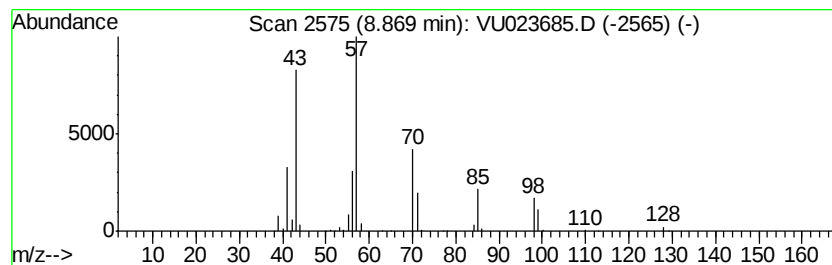
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Quant Title : VOC Analysis

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	72.72 ug/L	1197430	Chlorobenzene-d5	9.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	59
2		Propanoic acid, 2,2-dimethyl-, 2...	214	C13H26O2	016387-18-1	50
3		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	50
4		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	43
5		Octane, 4-methyl-	128	C9H20	002216-34-4	43



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

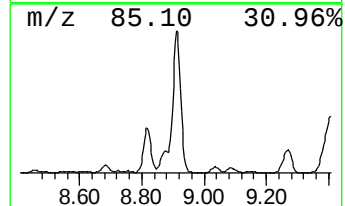
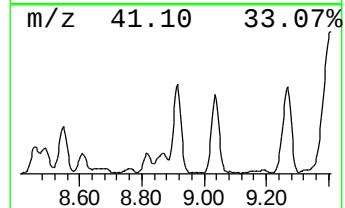
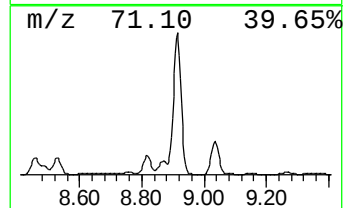
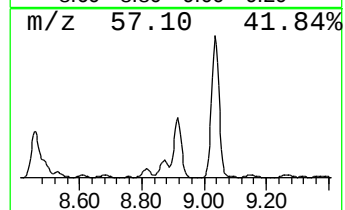
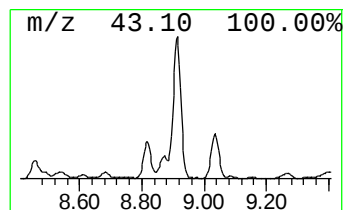
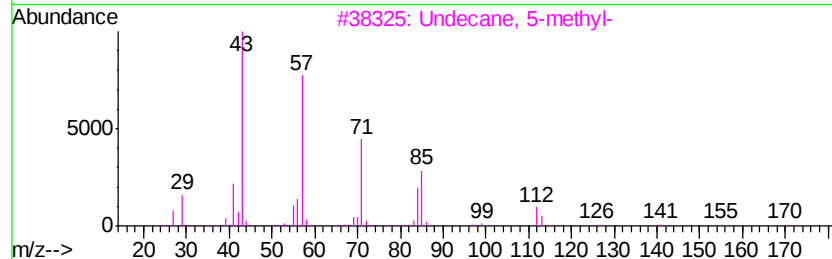
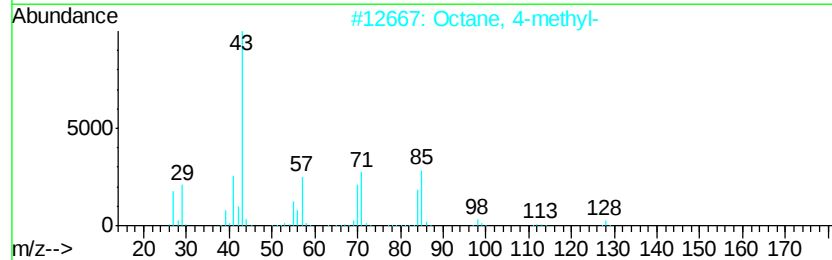
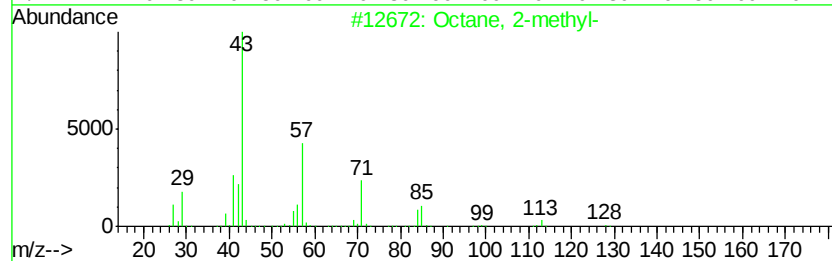
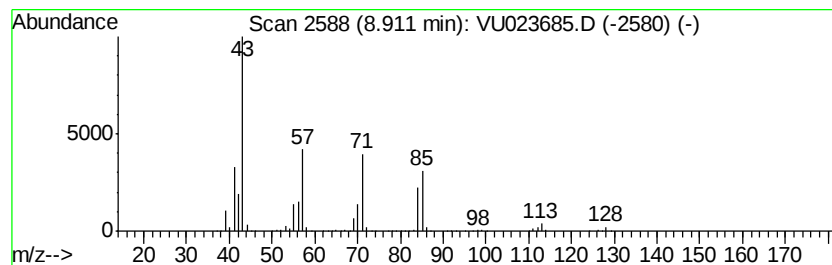
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Quant Title : VOC Analysis

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	234.44 ug/L	3860430	Chlorobenzene-d5	9.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2-methyl-	128	C9H20	003221-61-2	64
2		Octane, 4-methyl-	128	C9H20	002216-34-4	64
3		Undecane, 5-methyl-	170	C12H26	001632-70-8	53
4		Octane, 4-methyl-	128	C9H20	002216-34-4	53
5		Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	53



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

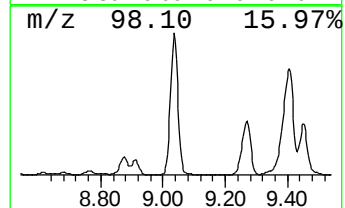
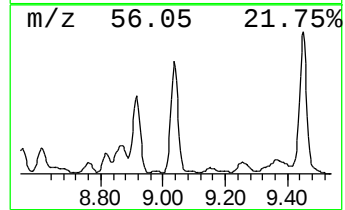
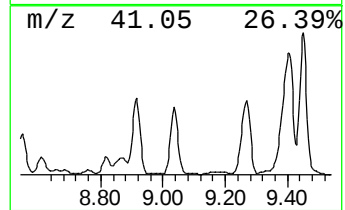
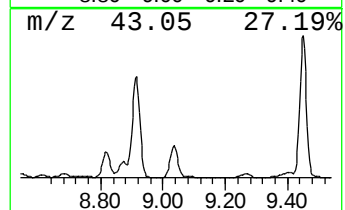
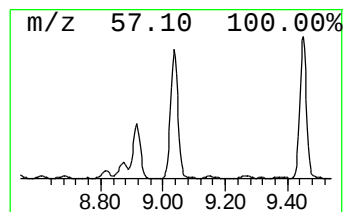
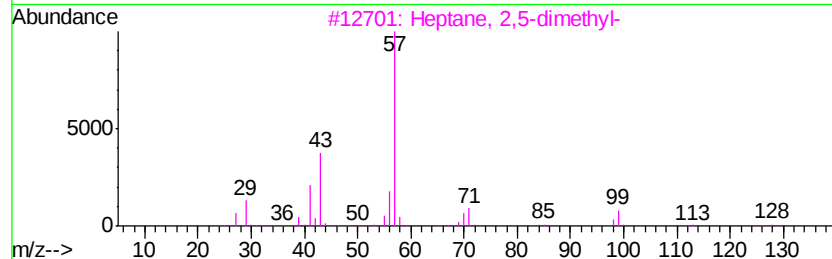
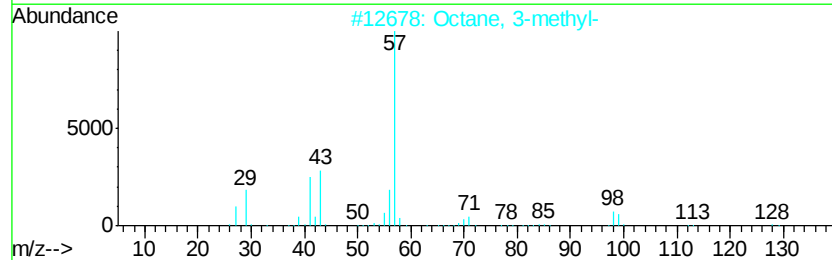
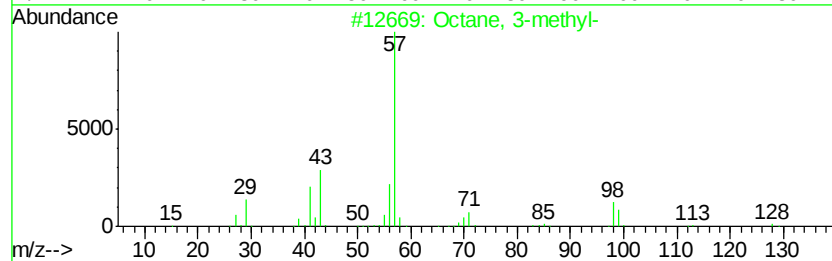
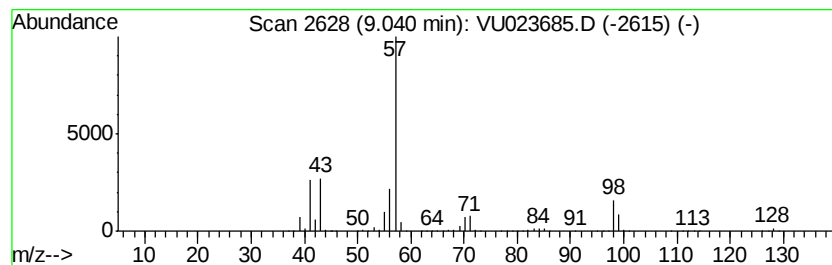
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Quant Title : VOC Analysis

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	173.24 ug/L	2852590	Chlorobenzene-d5	9.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3-methyl-	128	C9H20	002216-33-3	91
2		Octane, 3-methyl-	128	C9H20	002216-33-3	72
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
4		Oxalic acid, isobutyl heptyl ester	244	C13H24O4	1000309-37-2	59
5		Octane, 3-methyl-	128	C9H20	002216-33-3	58



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

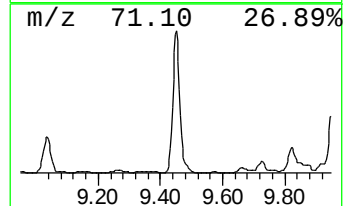
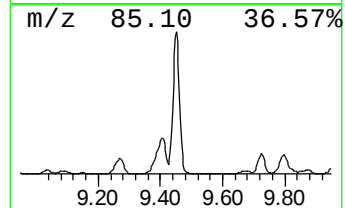
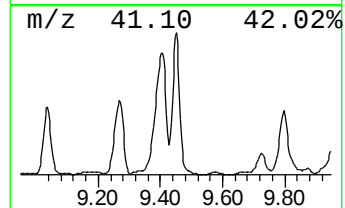
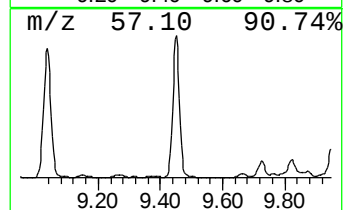
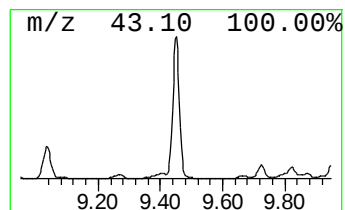
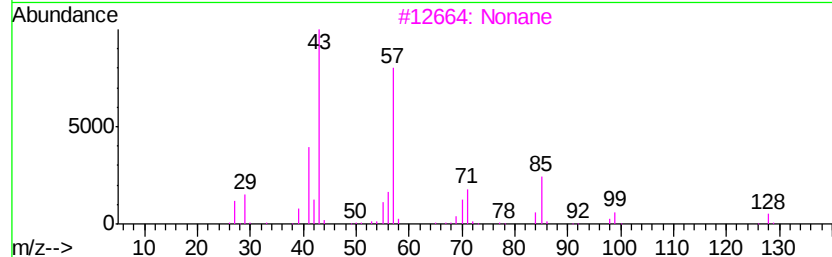
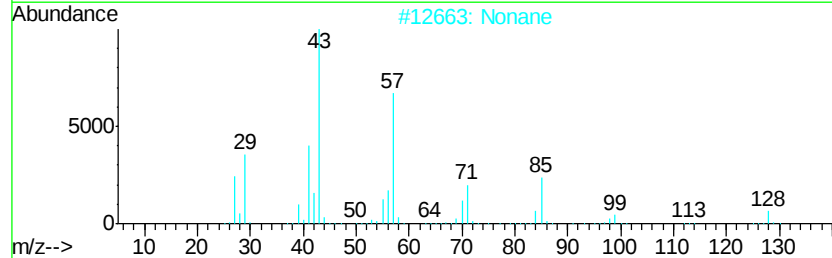
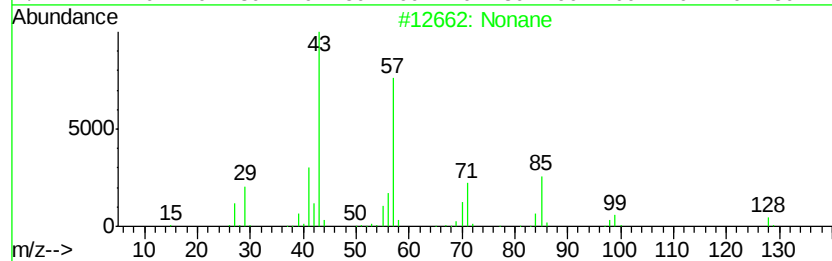
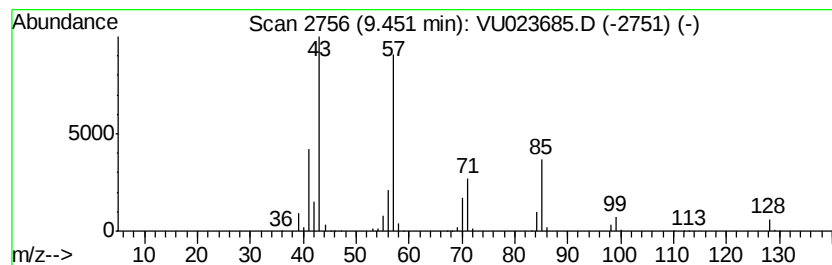
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Quant Title : VOC Analysis

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	342.52 ug/L	5640140	Chlorobenzene-d5	9.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane	128	C9H20	000111-84-2	97
2		Nonane	128	C9H20	000111-84-2	94
3		Nonane	128	C9H20	000111-84-2	87
4		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	72
5		Decane	142	C10H22	000124-18-5	64



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

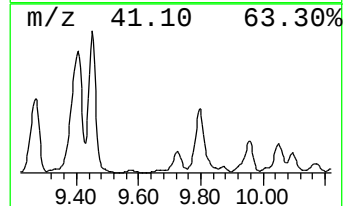
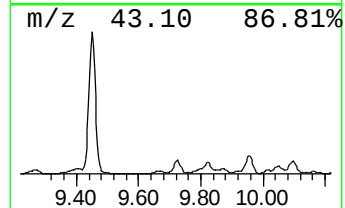
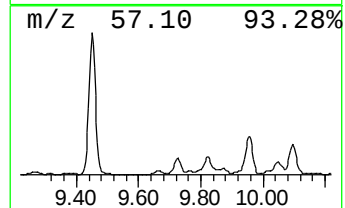
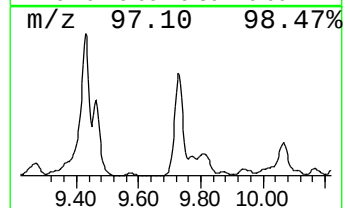
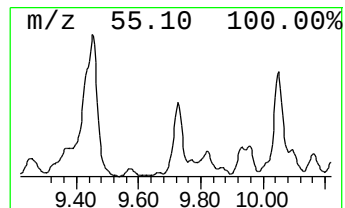
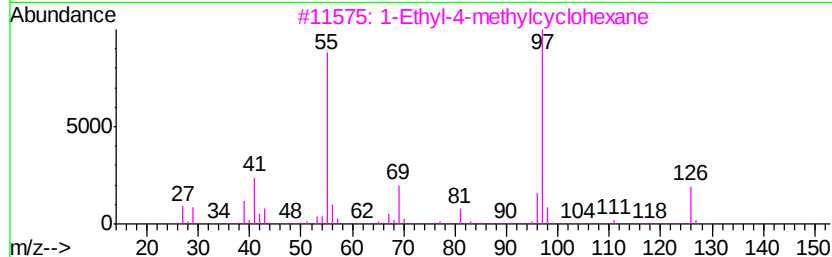
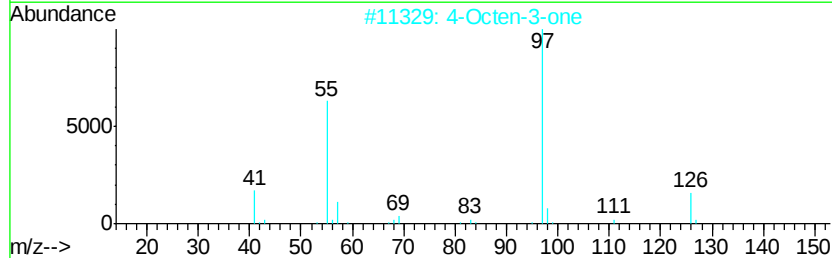
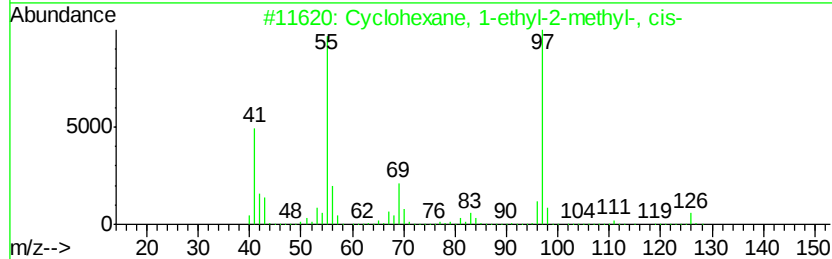
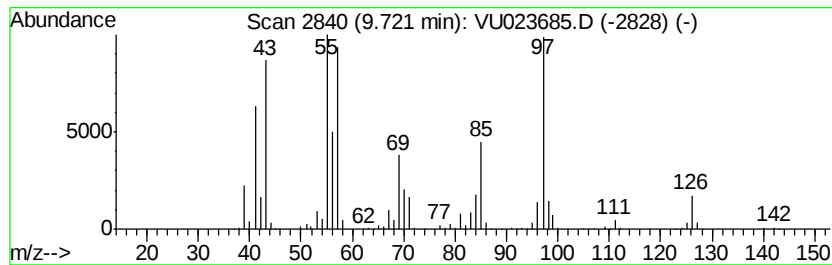
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Quant Title : VOC Analysis

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

Peak Number 25 (DEL) Alkane: Cyclic9.72 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	74.65 ug/L	1229140	Chlorobenzene-d5	9.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	47
2		4-Octen-3-one	126	C8H14O	014129-48-7	46
3		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	46
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	46
5		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	46



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

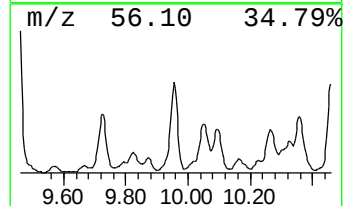
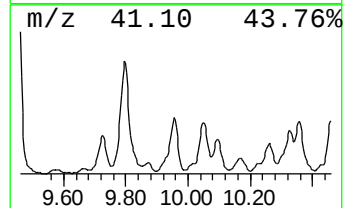
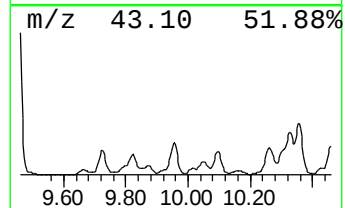
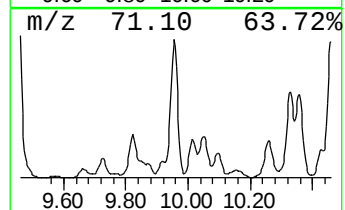
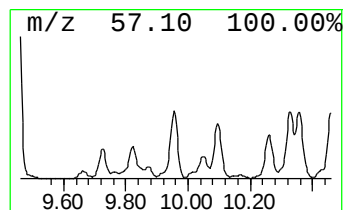
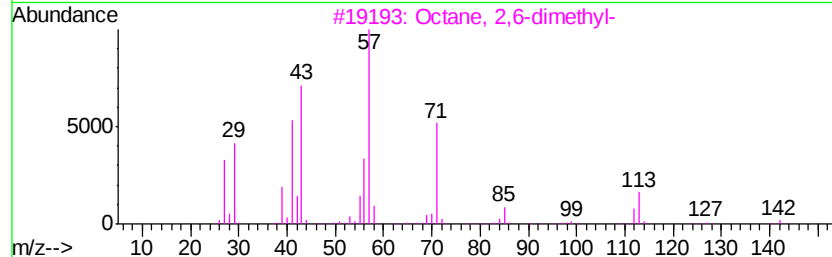
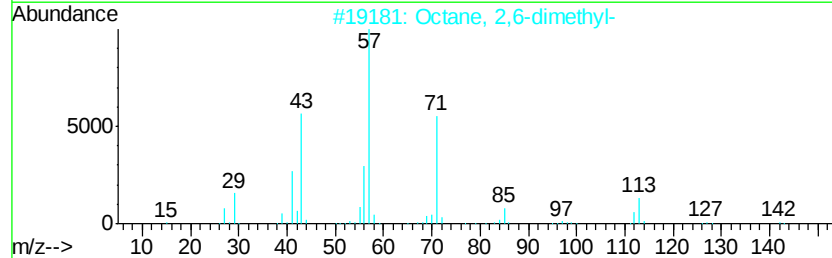
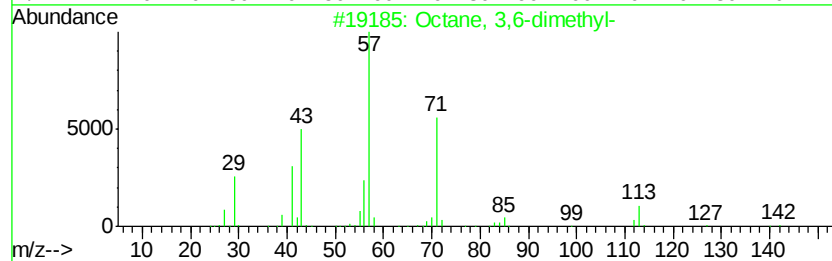
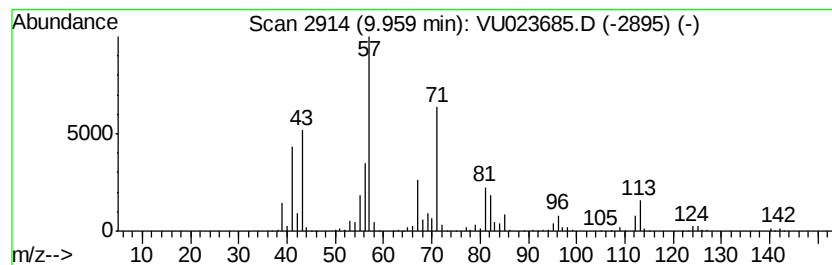
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Quant Title : VOC Analysis

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	114.13 ug/L	1879240	Chlorobenzene-d5	9.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	93
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	93
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	81
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	81
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	81



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

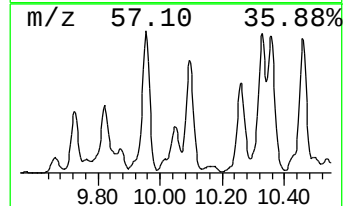
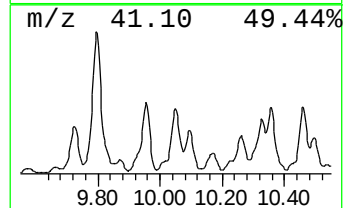
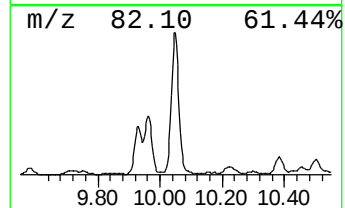
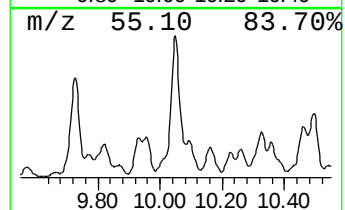
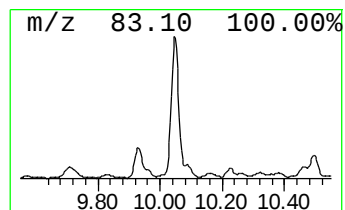
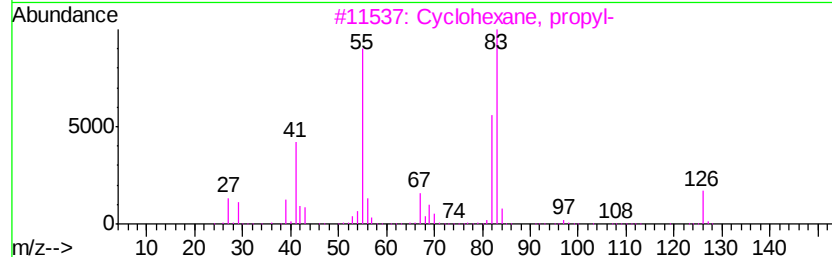
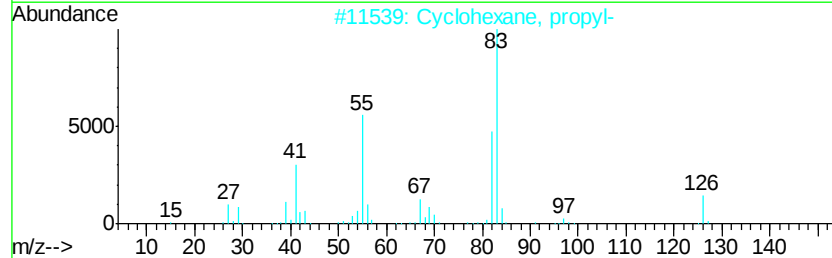
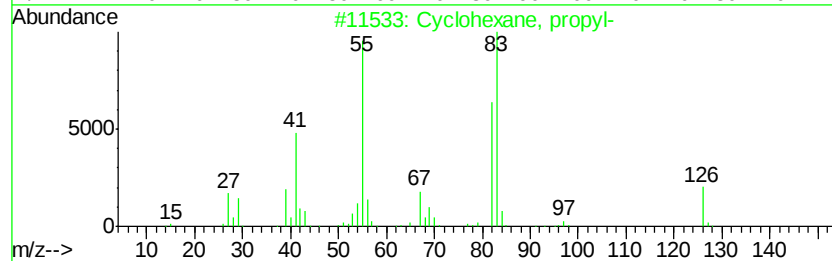
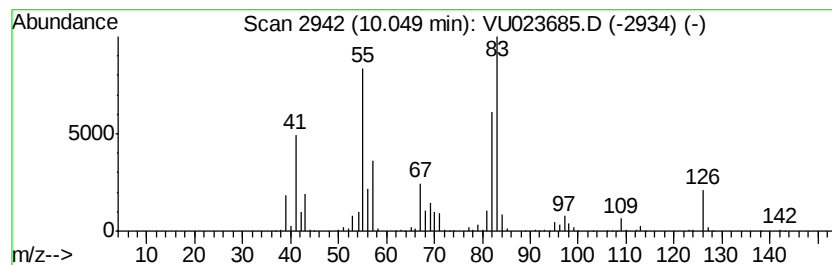
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Quant Title : VOC Analysis

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

Peak Number 27 (DEL) Alkane: Cyclic10.05 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	98.96 ug/L	1629440	Chlorobenzene-d5	9.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, propyl-	126	C9H18	001678-92-8	81
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	81
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	74
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	74
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	72



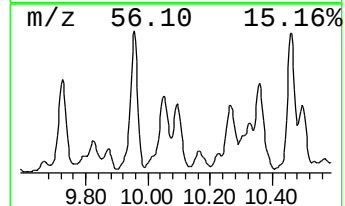
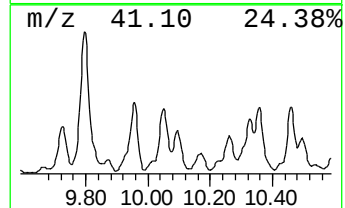
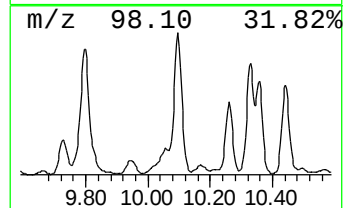
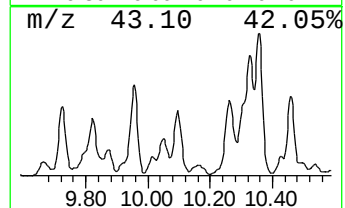
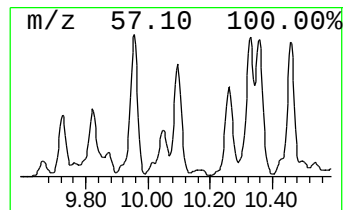
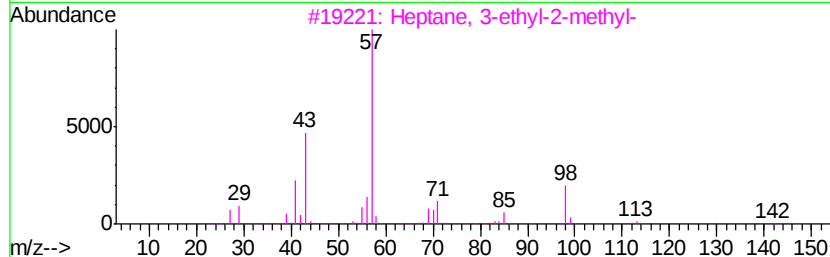
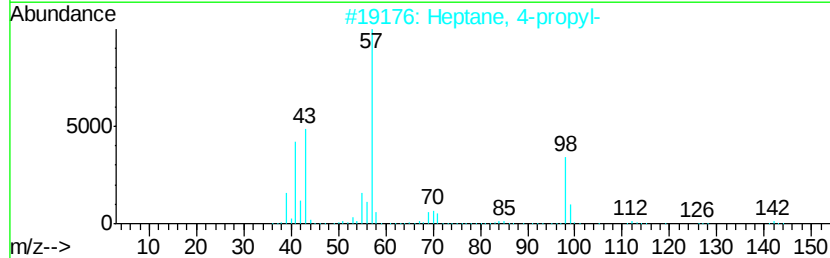
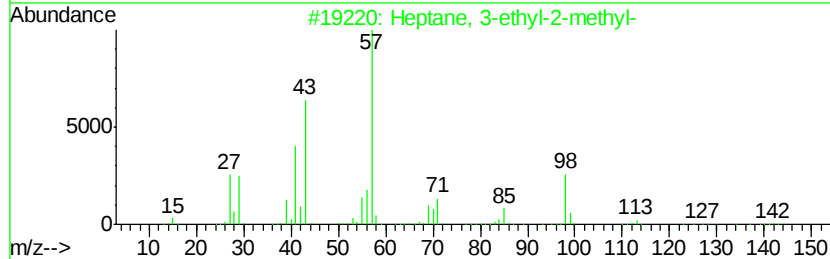
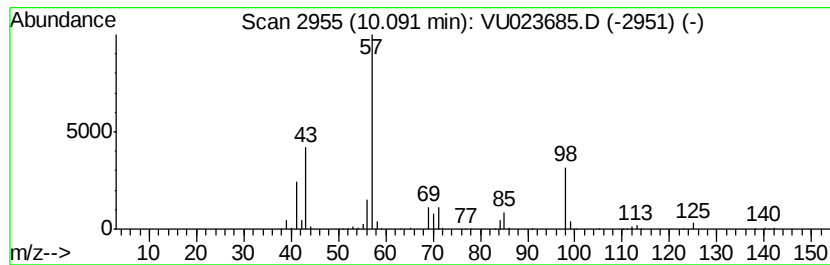
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Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

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 28 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.09	49.84 ug/L	820661	Chlorobenzene-d5	9.10	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	91
2	Heptane, 4-propyl-	142	C10H22	003178-29-8	64
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
4	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	59
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

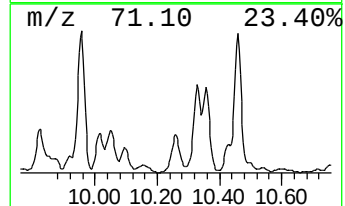
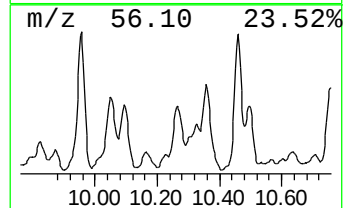
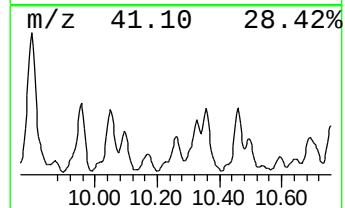
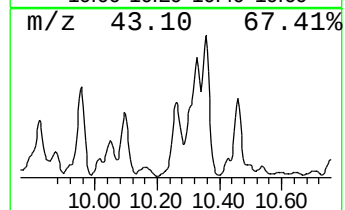
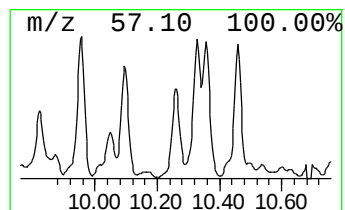
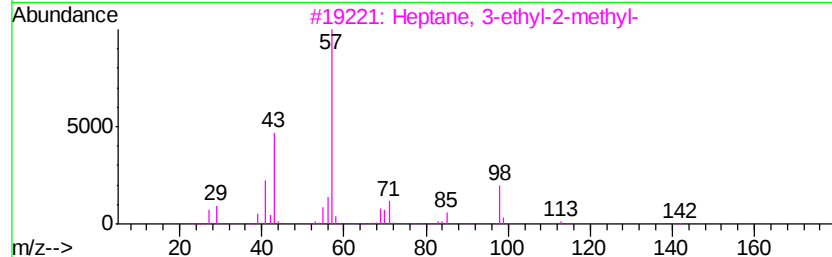
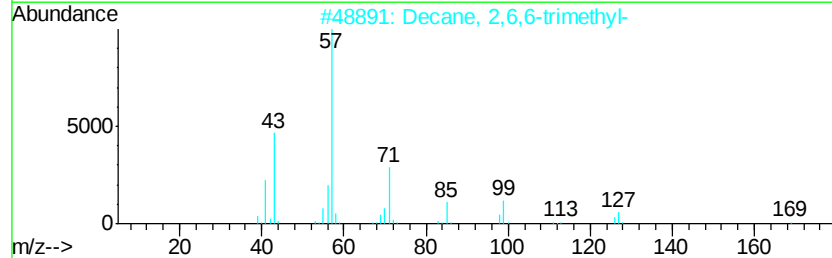
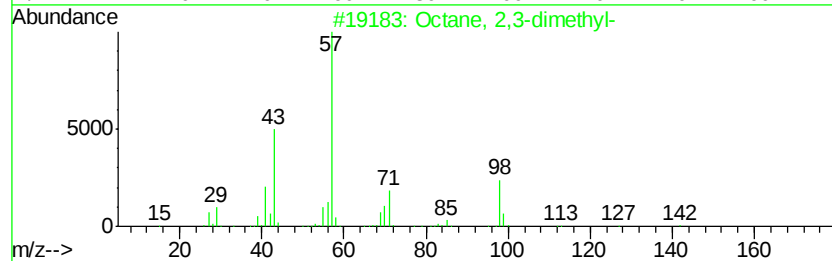
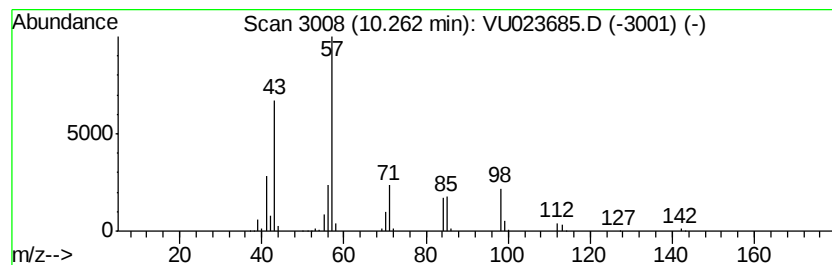
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Quant Title : VOC Analysis

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	47.99 ug/L	790235	Chlorobenzene-d5	9.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50
2		Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	50
3		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
4		Nonane, 2-methyl-	142	C10H22	000871-83-0	47
5		Decane, 5-methyl-	156	C11H24	013151-35-4	47



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

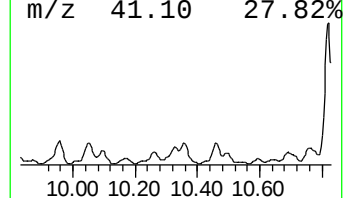
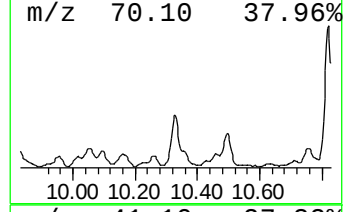
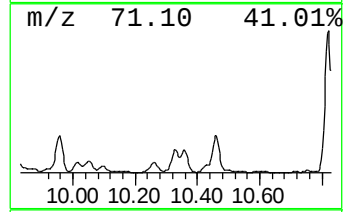
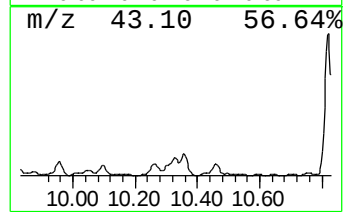
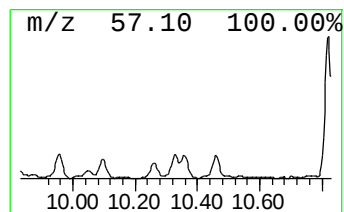
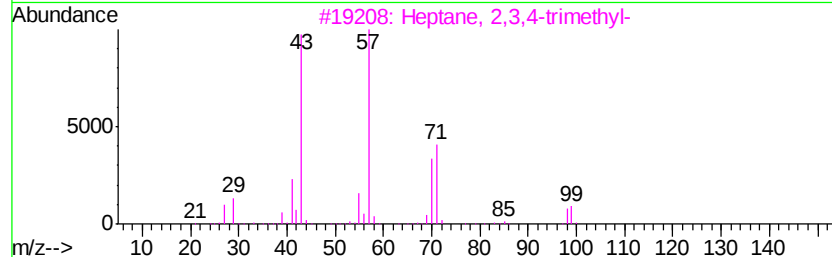
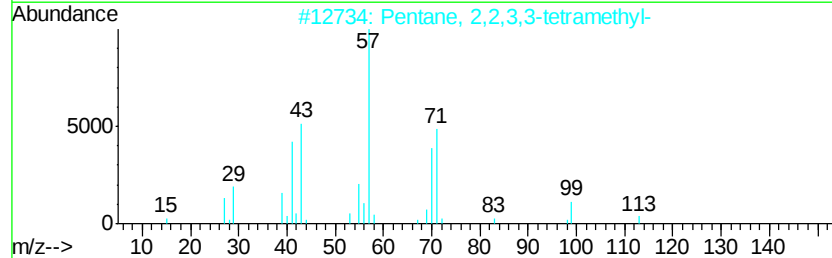
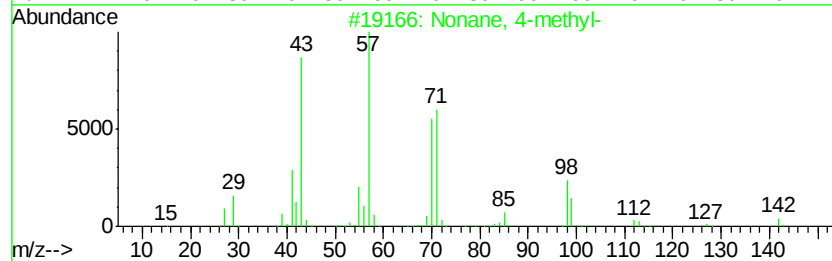
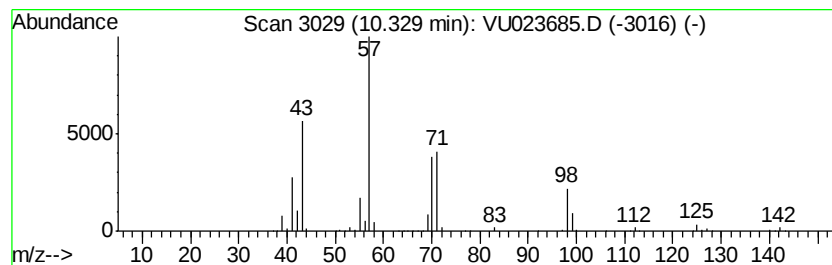
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Quant Title : VOC Analysis

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	31.60 ug/L	1379910	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
2		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
3		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	59
4		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	50
5		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	47



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

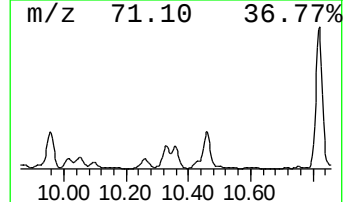
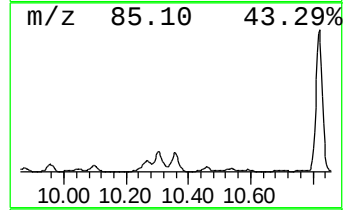
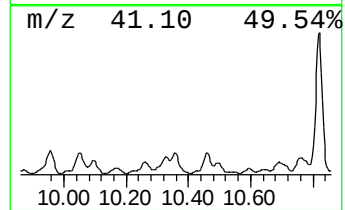
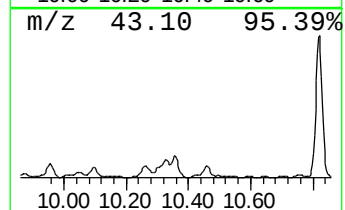
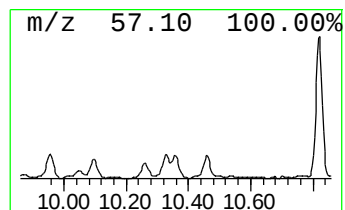
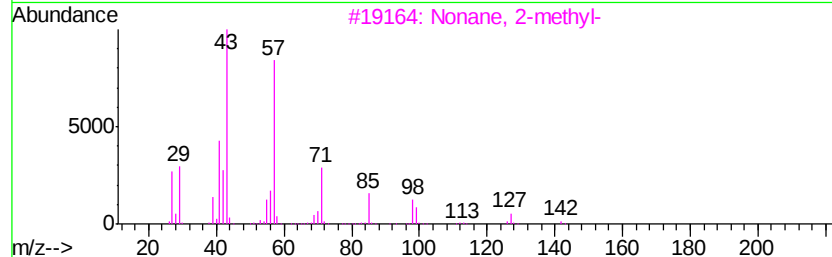
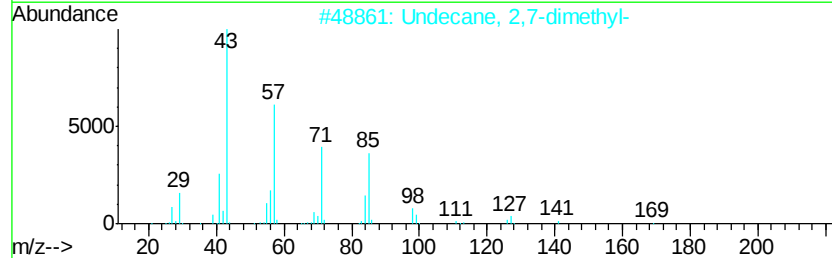
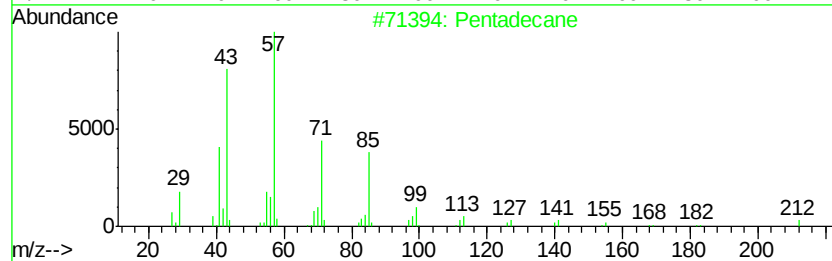
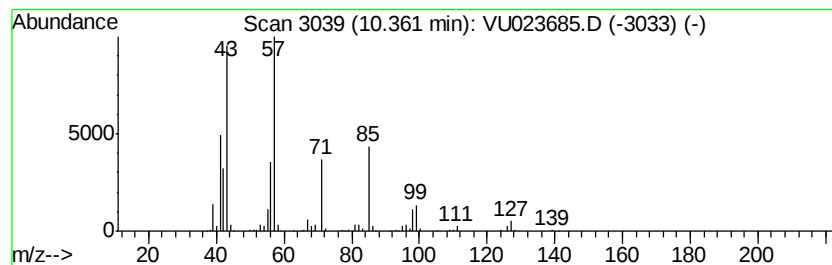
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Quant Title : VOC Analysis

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	29.74 ug/L	1298440	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	64
2		Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	59
3		Nonane, 2-methyl-	142	C10H22	000871-83-0	59
4		Nonane, 2-methyl-	142	C10H22	000871-83-0	59
5		Nonane	128	C9H20	000111-84-2	59



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

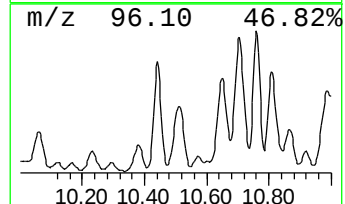
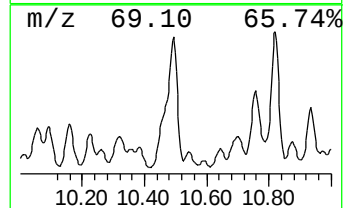
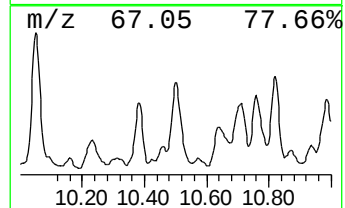
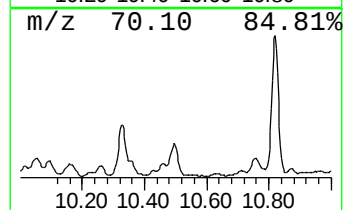
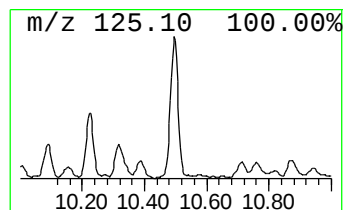
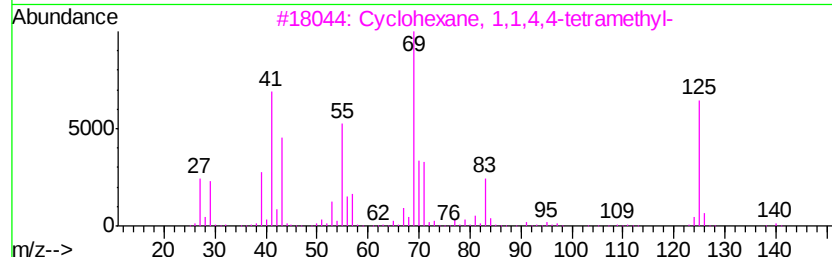
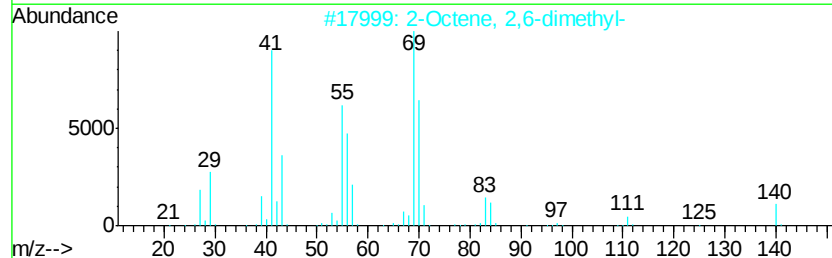
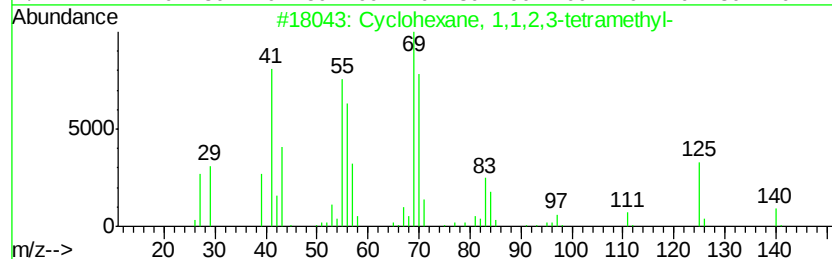
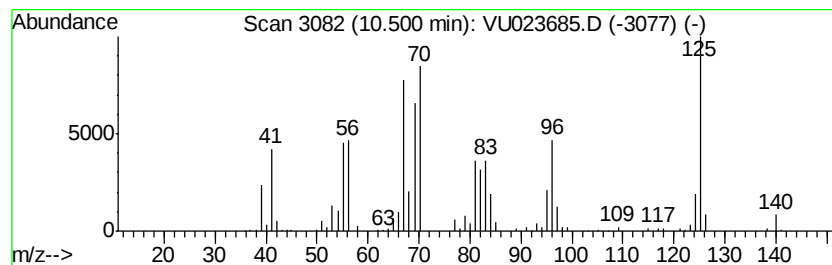
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Quant Title : VOC Analysis

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

Peak Number 32 (DEL) Alkane: Cyclic10.50 Concentration Rank 77

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	14.02 ug/L	612392	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	49
2		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	43
3		Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	43
4		Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	38
5		1R,2c,3t,4t-Tetramethyl-cyclohexane	140	C10H20	1000144-07-3	38



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

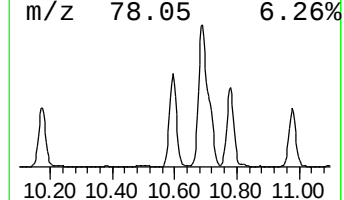
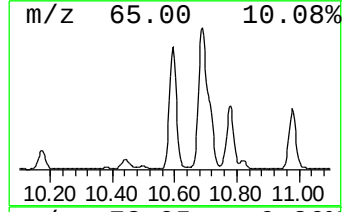
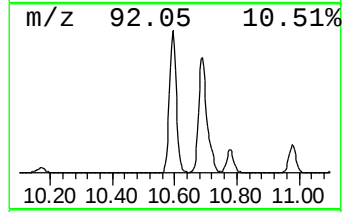
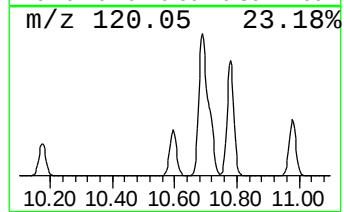
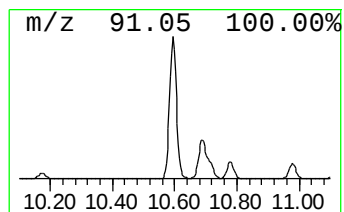
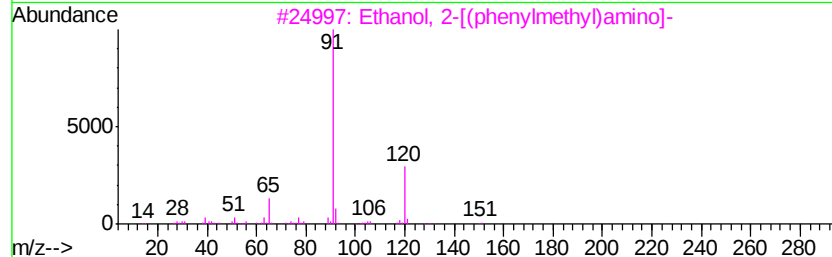
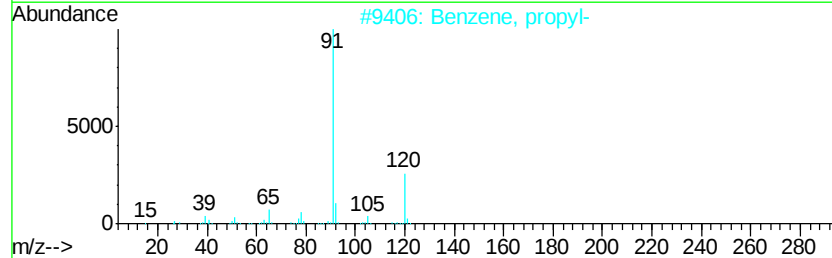
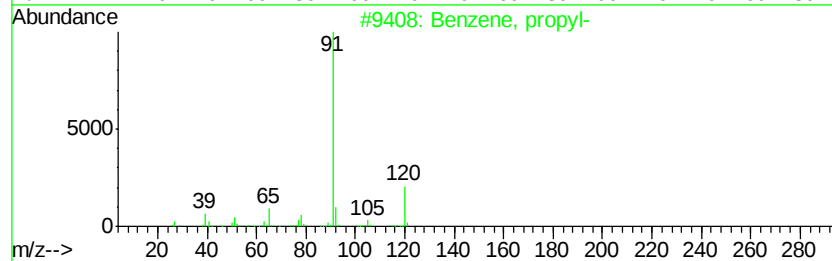
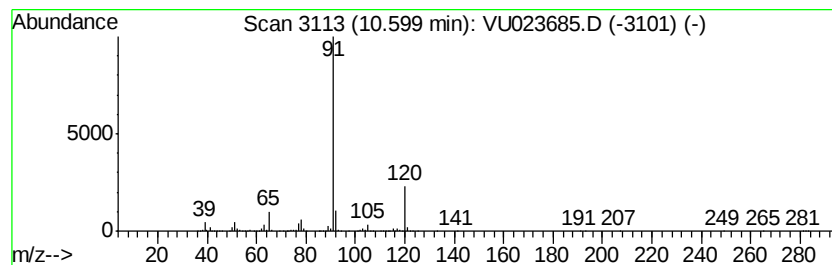
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Quant Title : VOC Analysis

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

Peak Number 33 Benzene, propyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	59.32 ug/L	2590420	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	90
2		Benzene, propyl-	120	C9H12	000103-65-1	90
3		Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
4		1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
5		Propanenitrile, 3-[(phenylmethyl)...	160	C10H12N2	000706-03-6	64



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

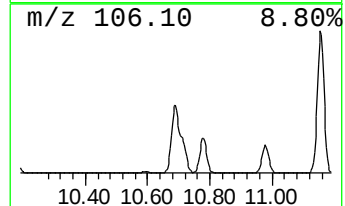
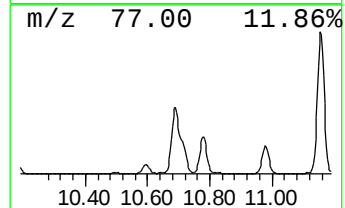
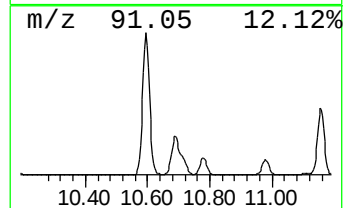
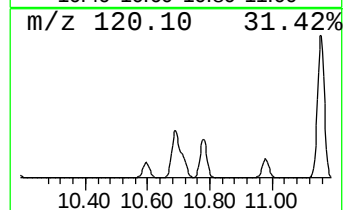
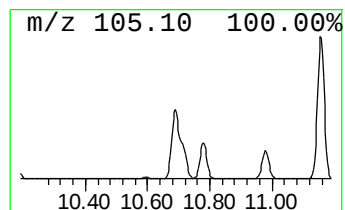
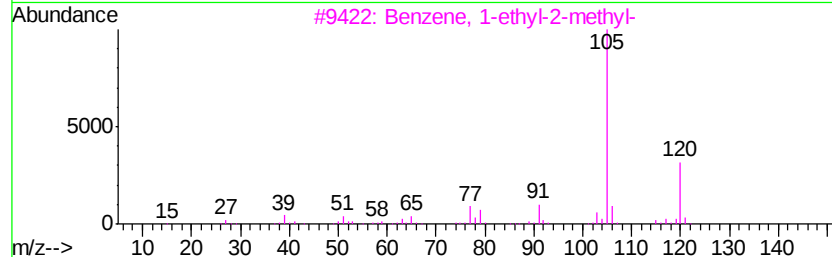
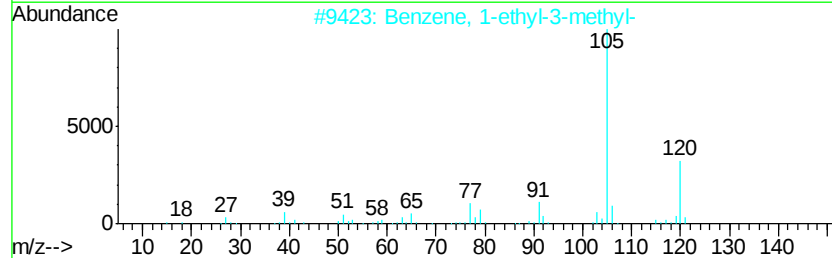
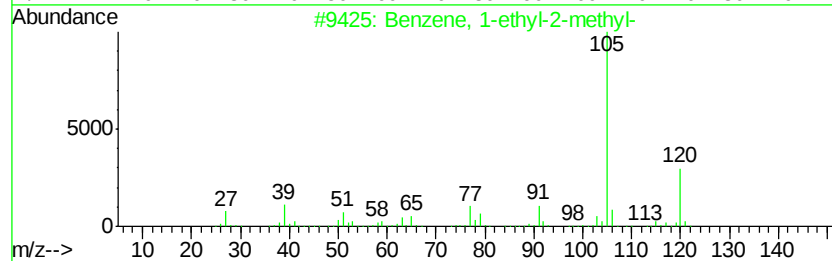
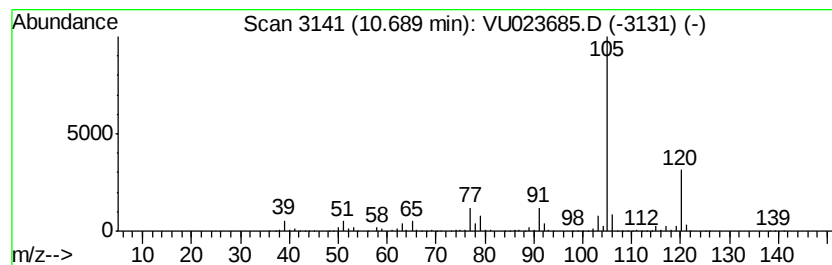
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Quant Title : VOC Analysis

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

Peak Number 34 Benzene, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	227.52 ug/L	9935040	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	95
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
5		Mesitylene	120	C9H12	000108-67-8	91



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

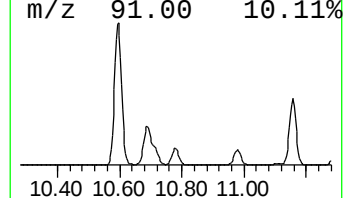
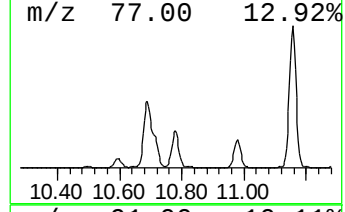
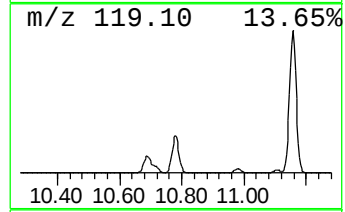
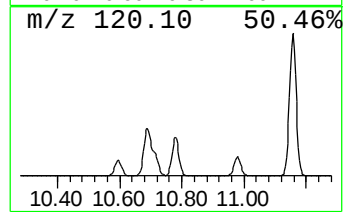
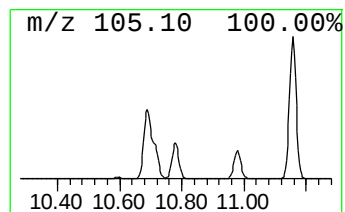
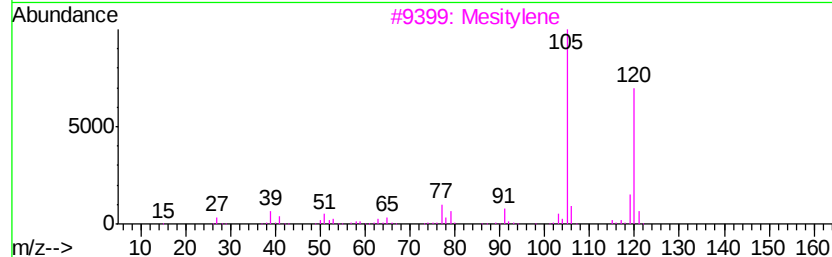
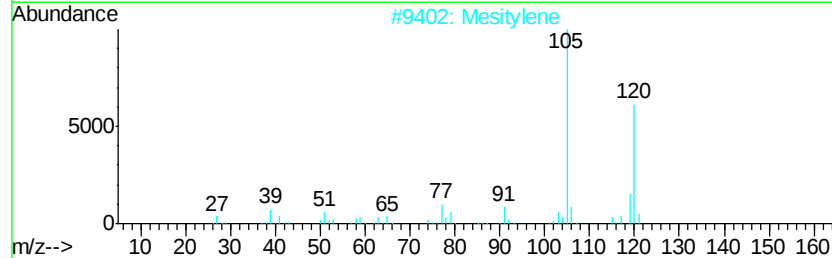
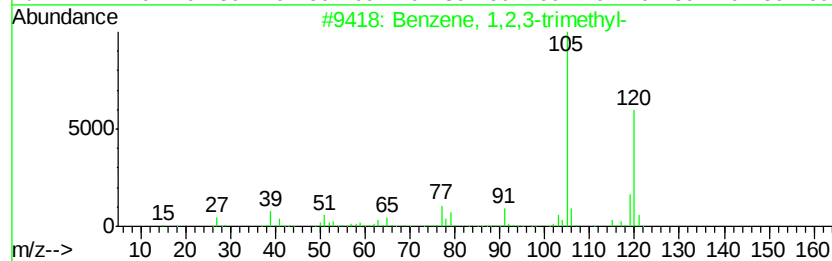
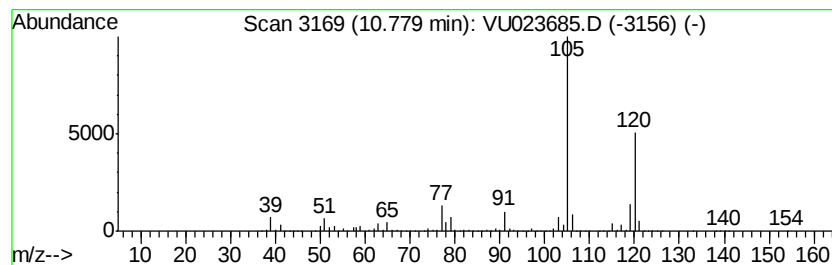
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Quant Title : VOC Analysis

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

Peak Number 35 Benzene, 1,2,3-trimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	116.28 ug/L	5077540	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		Mesitylene	120	C9H12	000108-67-8	95
3		Mesitylene	120	C9H12	000108-67-8	95
4		Mesitylene	120	C9H12	000108-67-8	95
5		Mesitylene	120	C9H12	000108-67-8	95



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

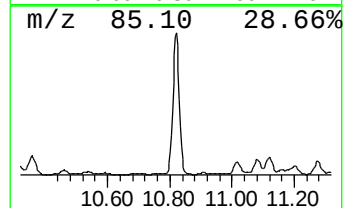
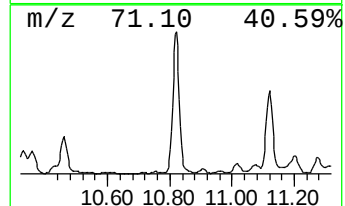
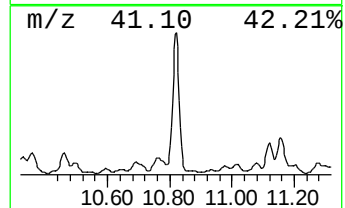
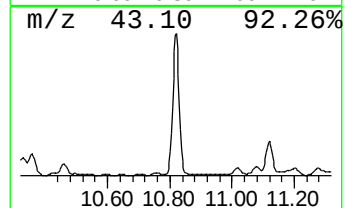
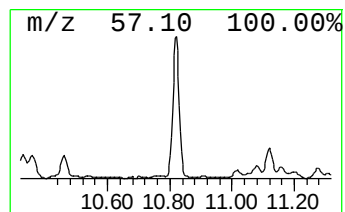
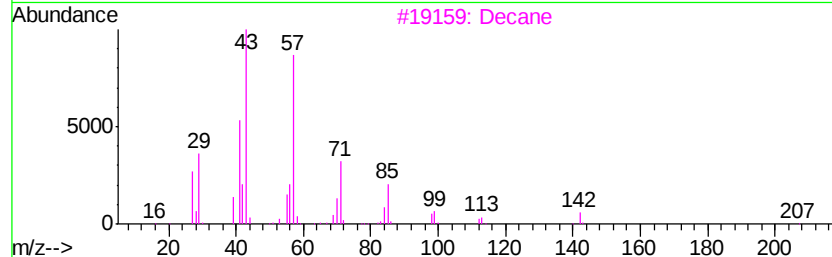
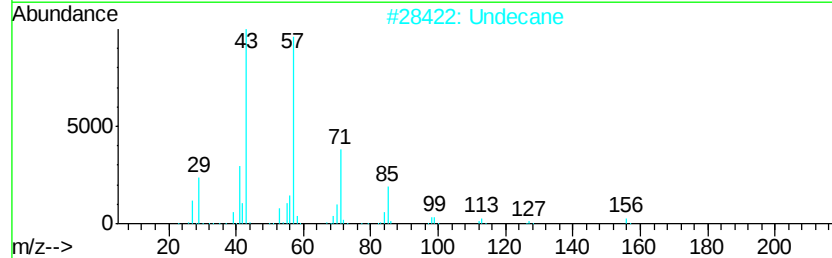
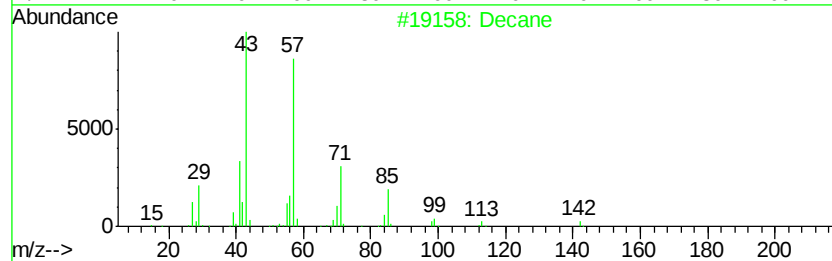
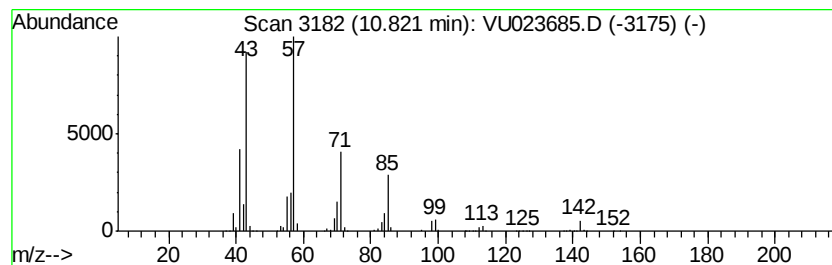
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Quant Title : VOC Analysis

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	169.08 ug/L	7383200	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	87
2		Undecane	156	C11H24	001120-21-4	78
3		Decane	142	C10H22	000124-18-5	76
4		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	72
5		Nonane	128	C9H20	000111-84-2	72



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

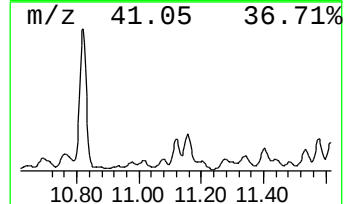
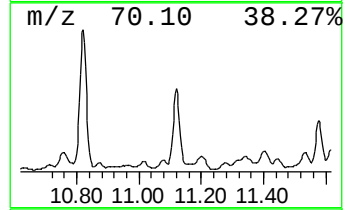
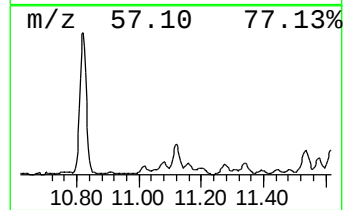
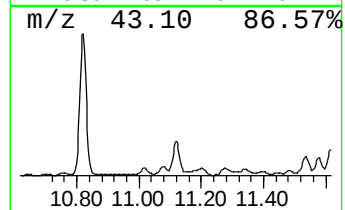
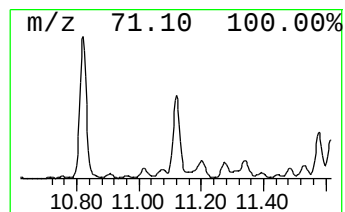
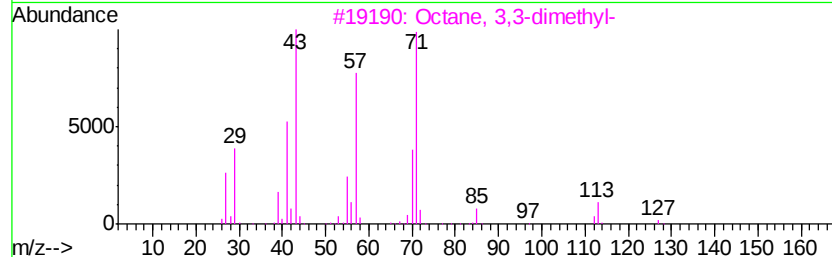
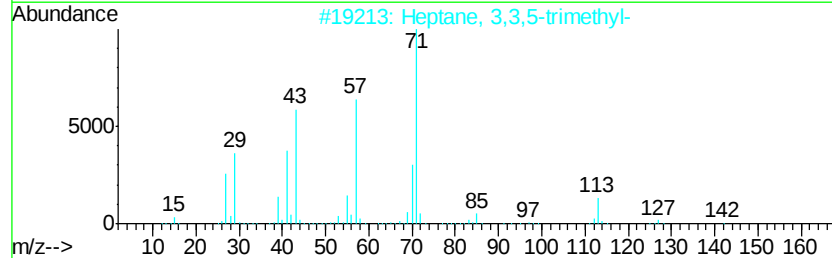
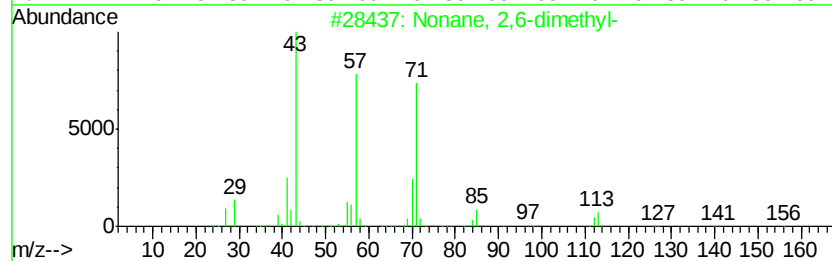
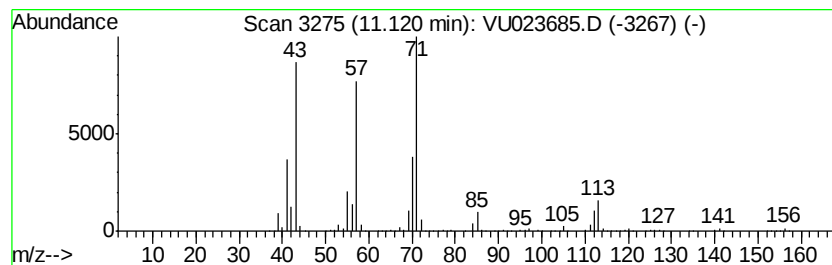
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Quant Title : VOC Analysis

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	36.04 ug/L	1573770	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	87
2		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
3		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
4		Decane, 4-methyl-	156	C11H24	002847-72-5	70
5		4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	64



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

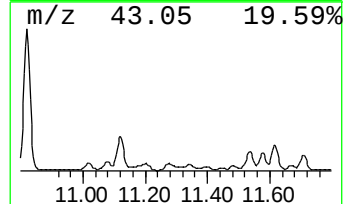
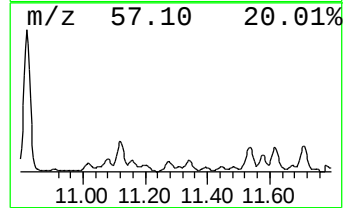
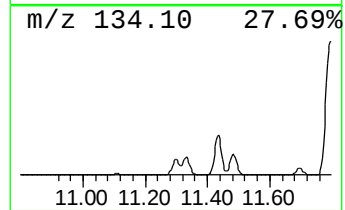
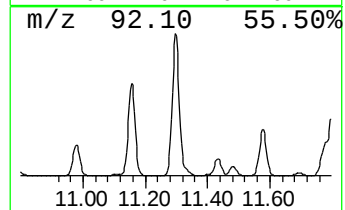
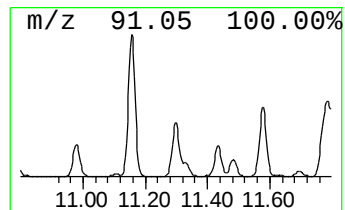
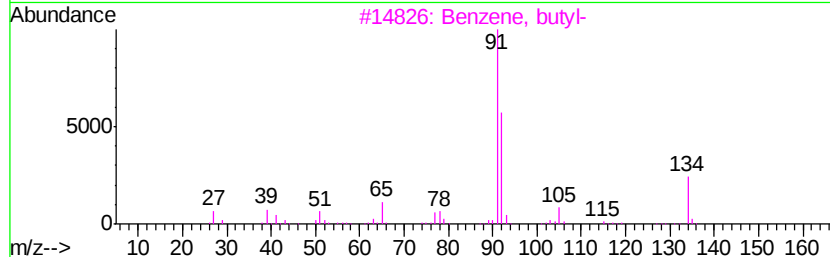
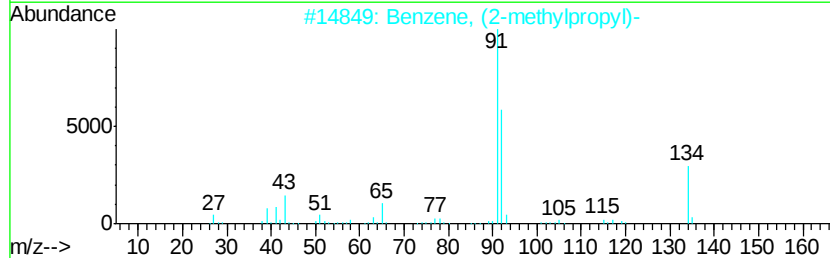
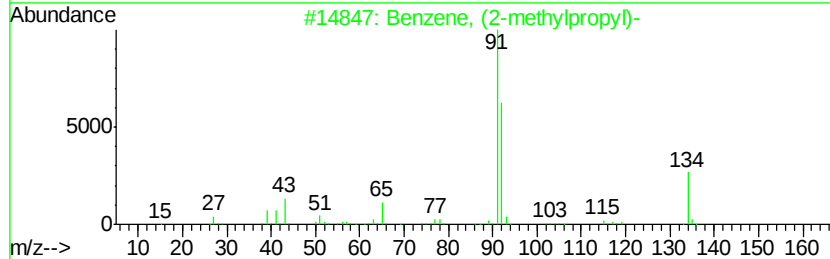
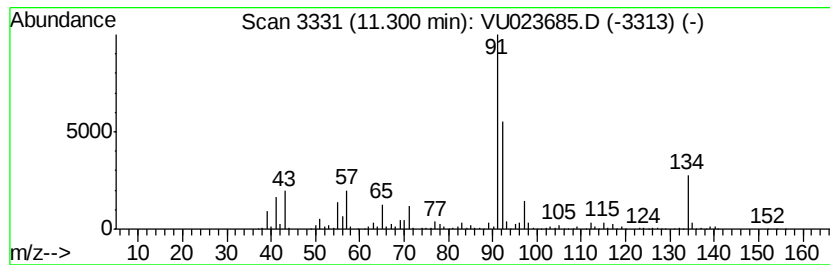
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Quant Title : VOC Analysis

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

Peak Number 40 Benzene, (2-methylpropyl)- Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	36.67 ug/L	1601130	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	76
2		Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	64
3		Benzene, butyl-	134	C10H14	000104-51-8	53
4		Benzene, butyl-	134	C10H14	000104-51-8	53
5		Benzene, butyl-	134	C10H14	000104-51-8	53



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

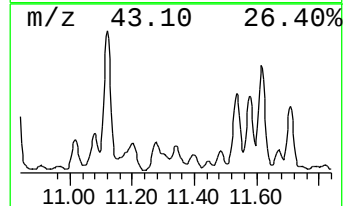
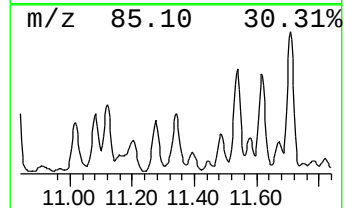
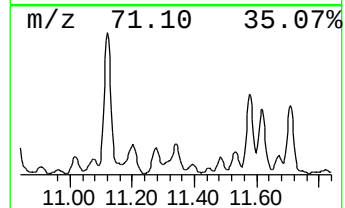
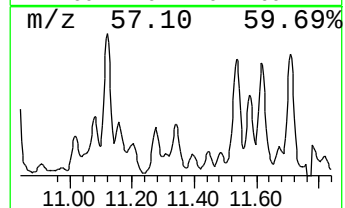
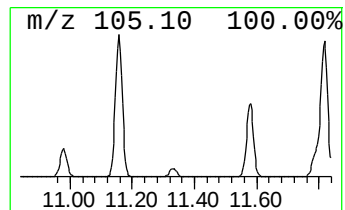
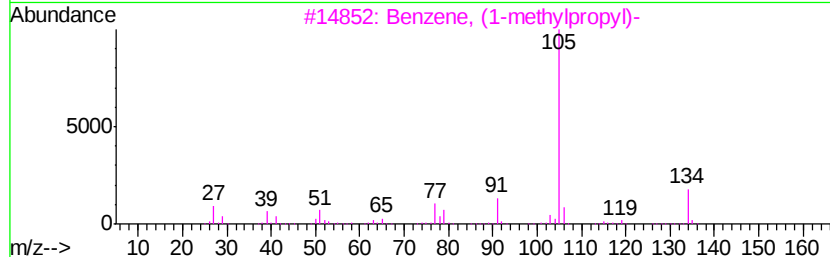
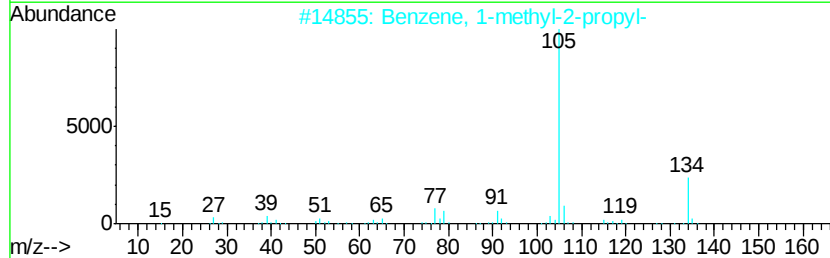
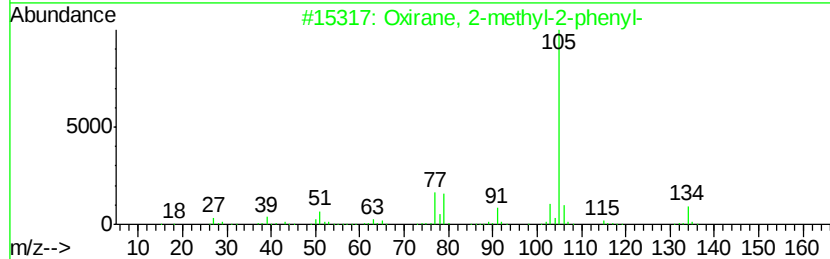
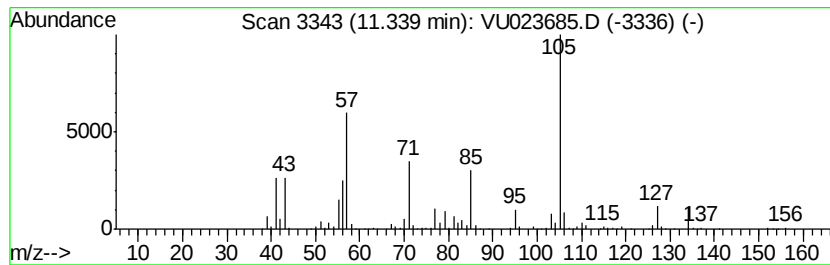
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Quant Title : VOC Analysis

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

Peak Number 41 unknown-01 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	43.29 ug/L	1890500	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	43
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	43
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	43
4		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	43
5		Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	43



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

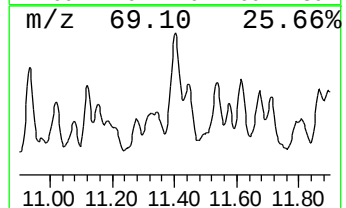
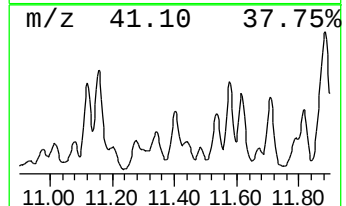
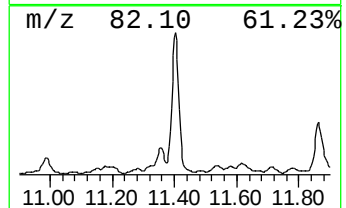
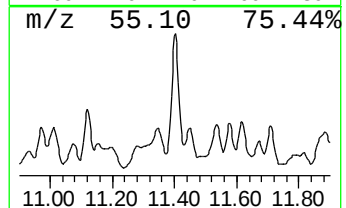
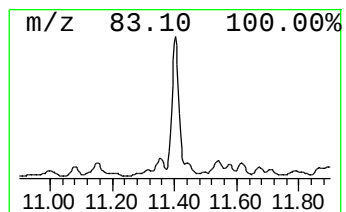
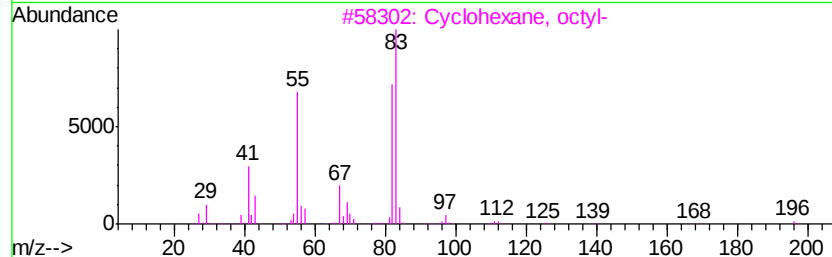
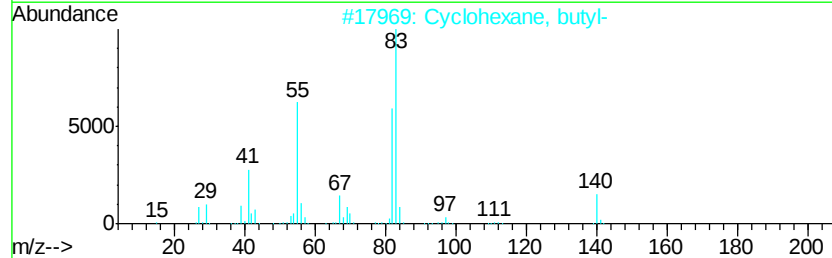
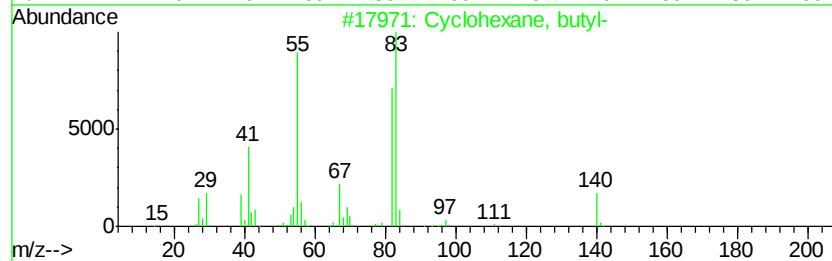
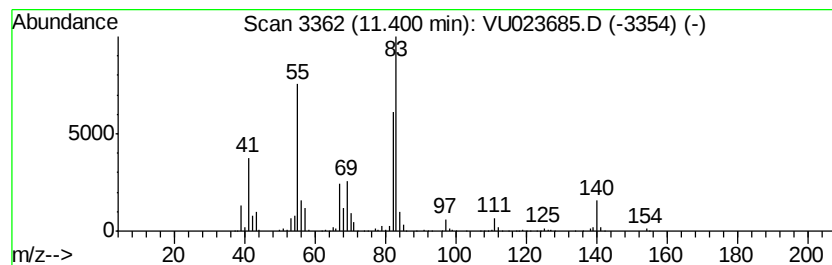
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Quant Title : VOC Analysis

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

Peak Number 42 (DEL) Alkane: Cyclic11.40 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	36.32 ug/L	1585920	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	87
3		Cyclohexane, octyl-	196	C14H28	001795-15-9	86
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	68
5		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

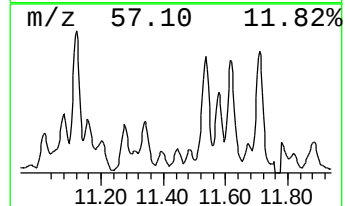
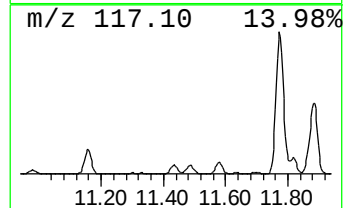
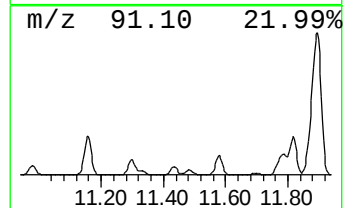
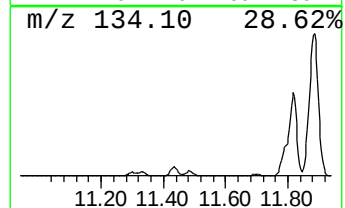
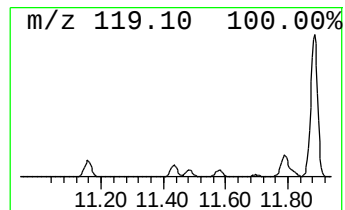
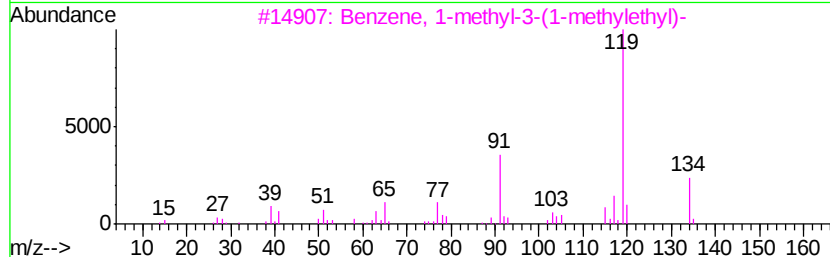
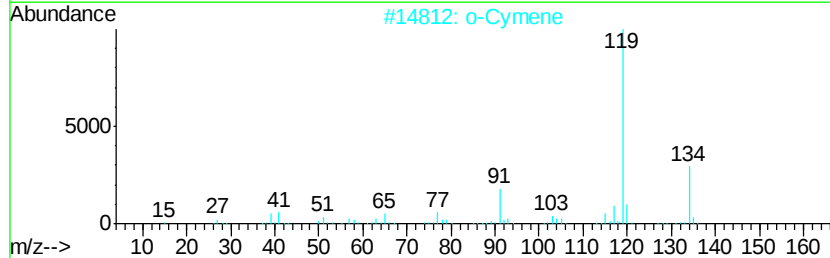
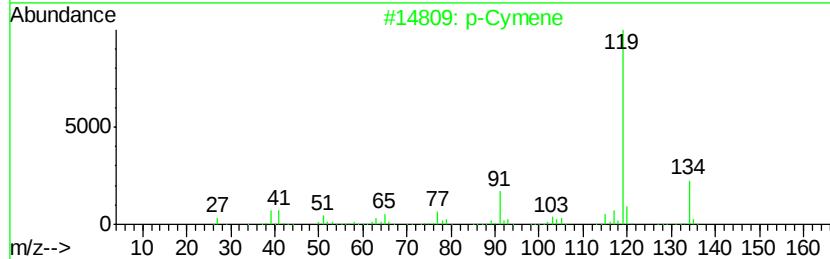
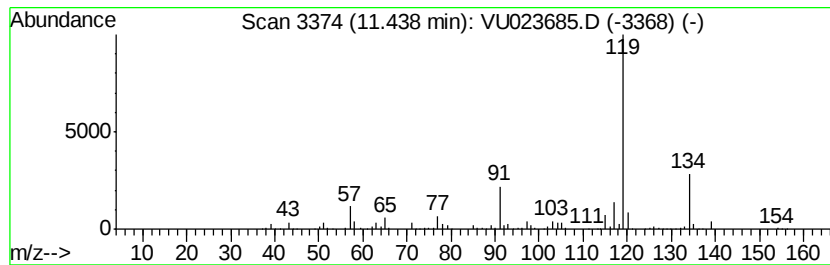
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Quant Title : VOC Analysis

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

Peak Number 43 p-Cymene Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	44.42 ug/L	1939480	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	97
2		o-Cymene	134	C10H14	000527-84-4	97
3		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4		p-Cymene	134	C10H14	000099-87-6	95
5		o-Cymene	134	C10H14	000527-84-4	94



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

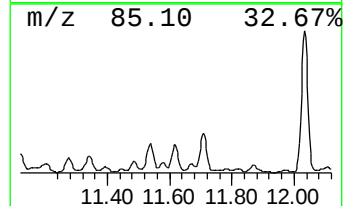
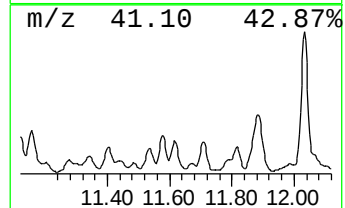
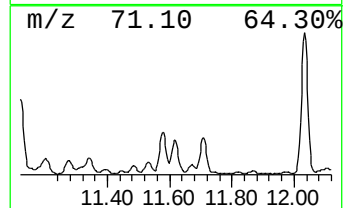
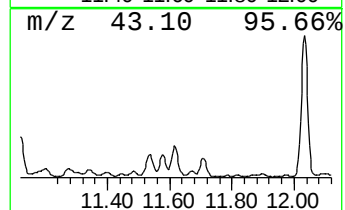
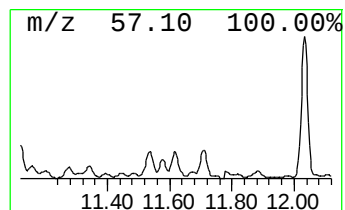
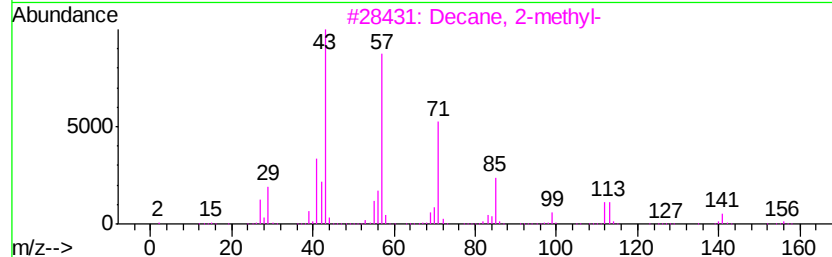
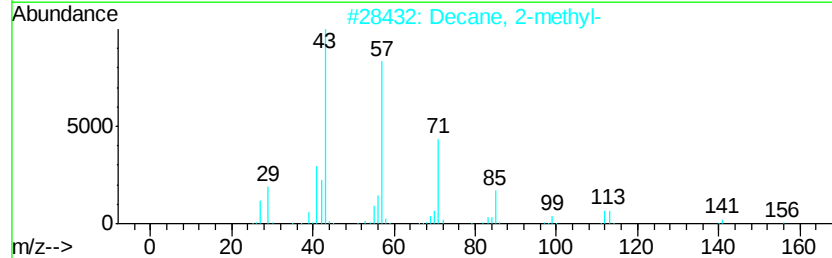
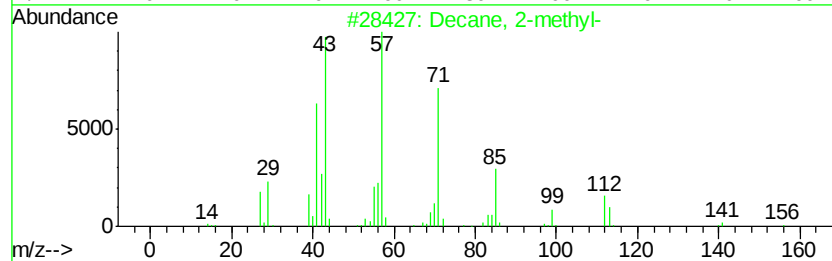
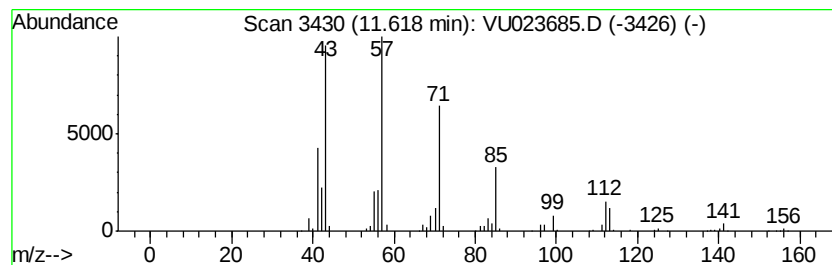
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Quant Title : VOC Analysis

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

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	34.32 ug/L	1498650	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	94
2		Decane, 2-methyl-	156	C11H24	006975-98-0	90
3		Decane, 2-methyl-	156	C11H24	006975-98-0	87
4		2,6-Dimethyldecane	170	C12H26	013150-81-7	80
5		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	64



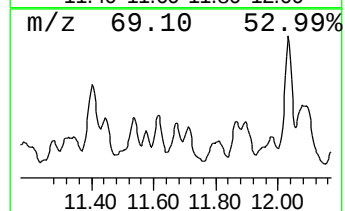
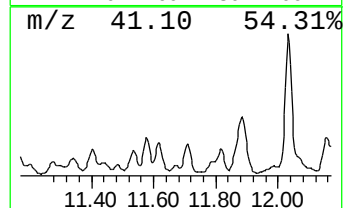
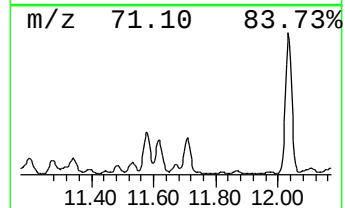
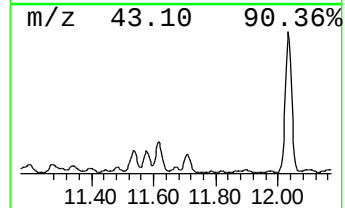
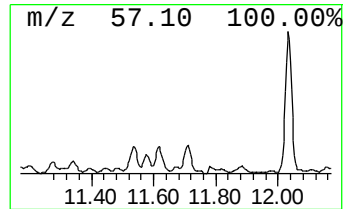
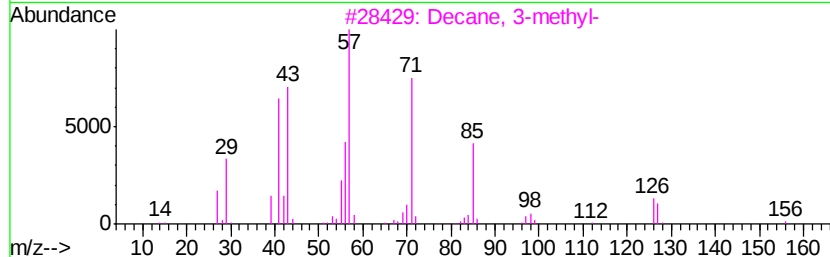
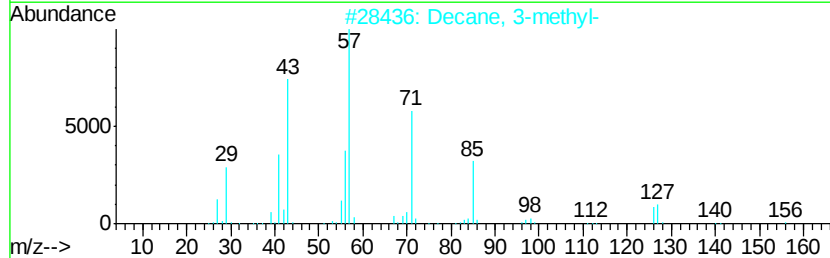
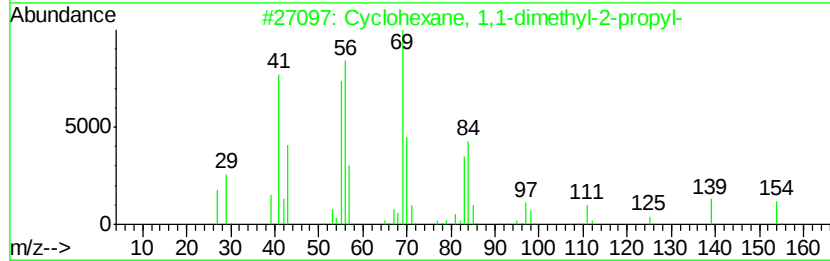
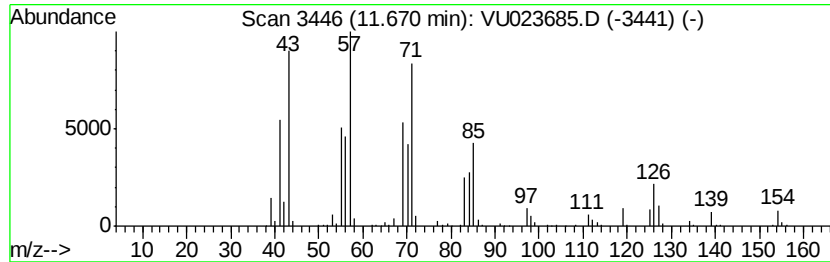
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Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

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 46 (DEL) Alkane: Cyclic11.67 Concentration Rank 80

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.67	10.73 ug/L	468611	1,4-Dichlorobenzene-d4	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	83
2	Decane, 3-methyl-	156	C11H24	013151-34-3	60
3	Decane, 3-methyl-	156	C11H24	013151-34-3	58
4	Undecane, 3,4-dimethyl-	184	C13H28	017312-78-6	58
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	46



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
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Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

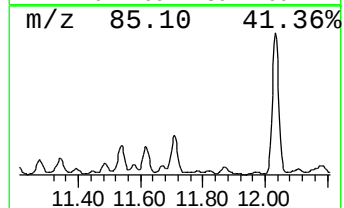
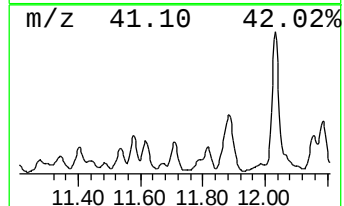
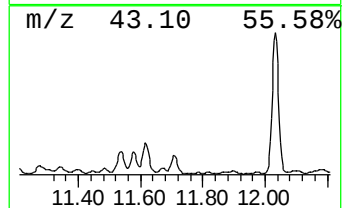
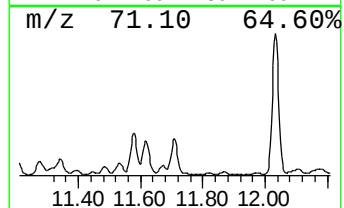
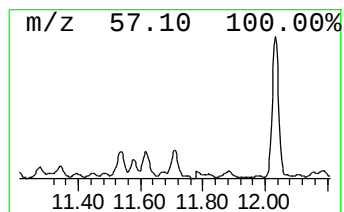
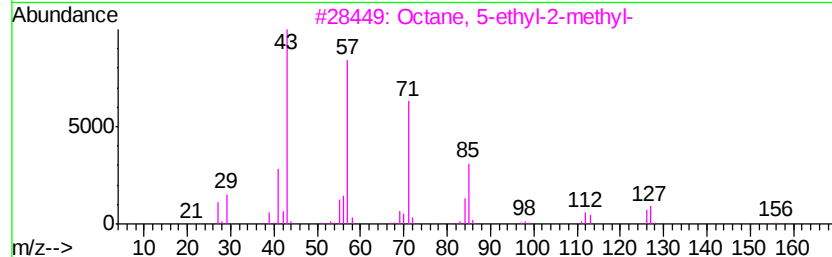
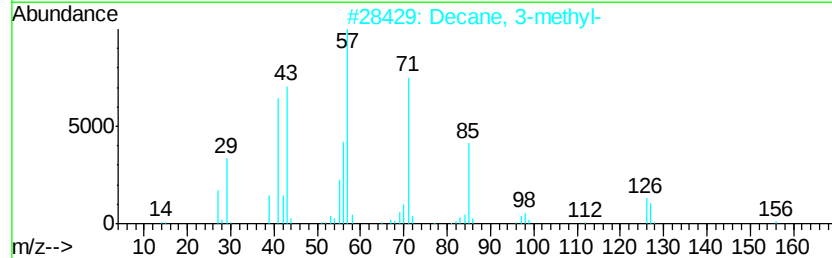
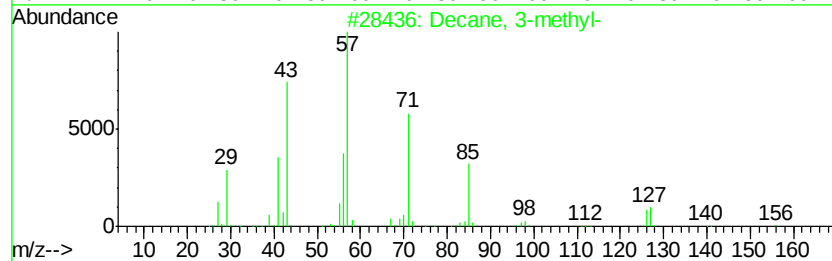
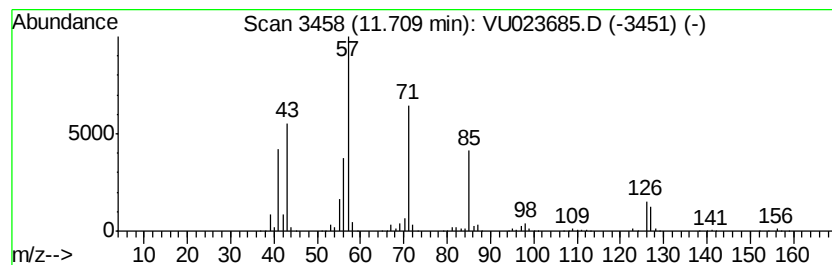
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Quant Title : VOC Analysis

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

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	37.79 ug/L	1650220	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	83
2		Decane, 3-methyl-	156	C11H24	013151-34-3	81
3		Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	72
4		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	72
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

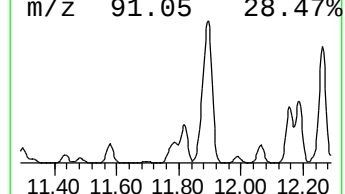
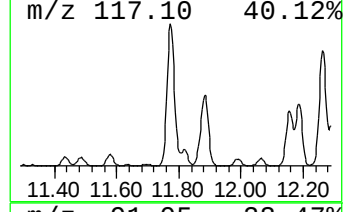
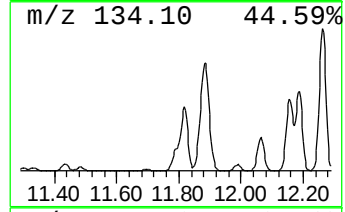
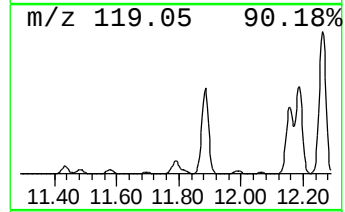
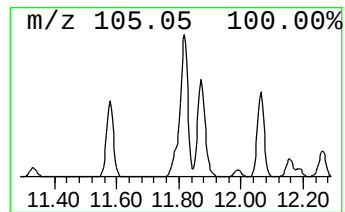
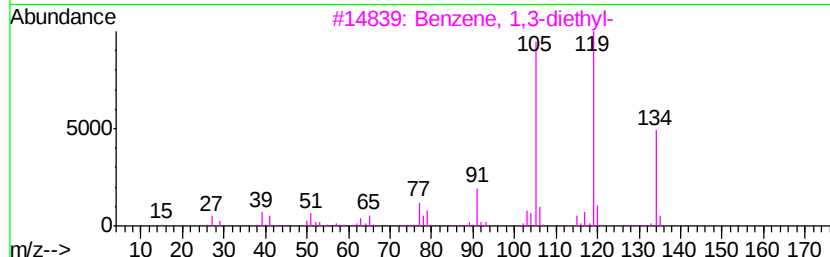
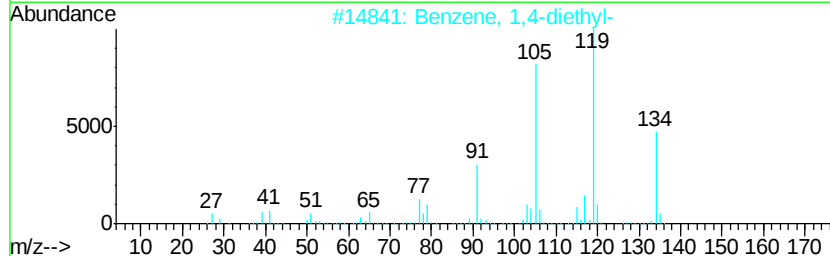
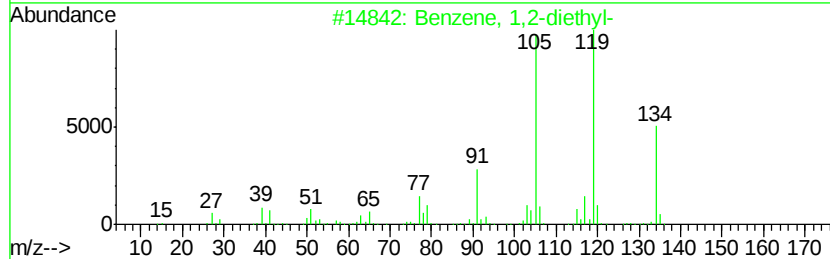
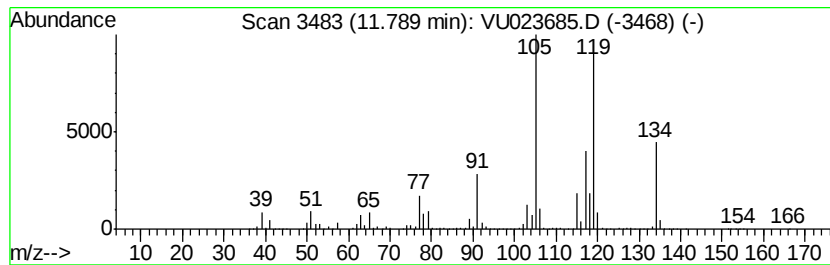
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Quant Title : VOC Analysis

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

Peak Number 48 Benzene, 1,2-diethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	161.96 ug/L	7072000	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	93
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	76
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70
4		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70
5		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

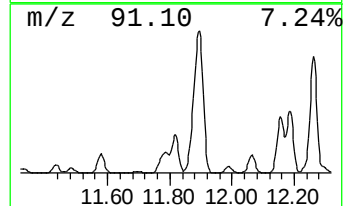
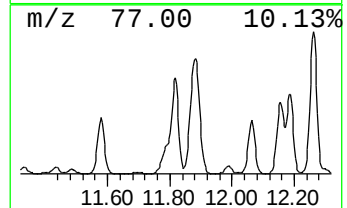
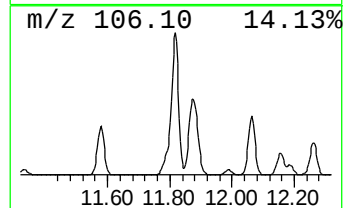
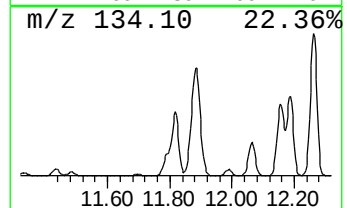
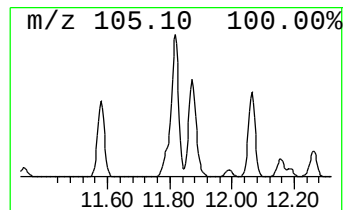
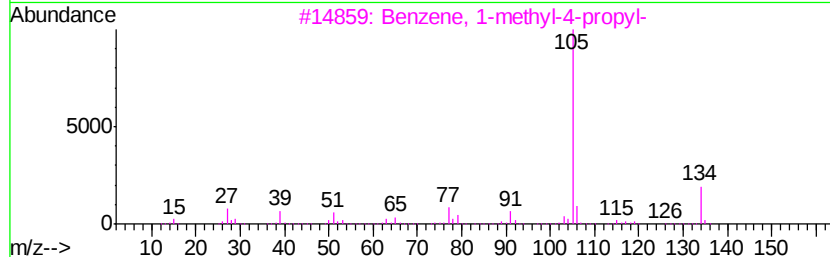
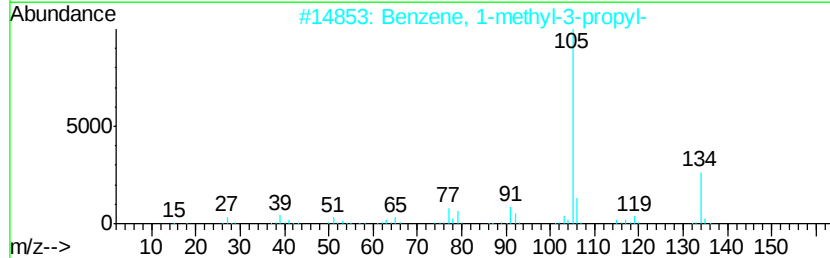
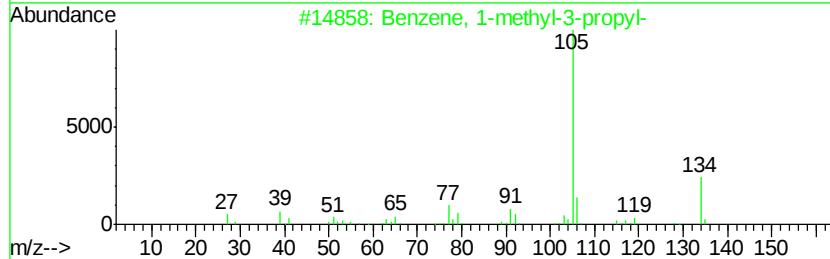
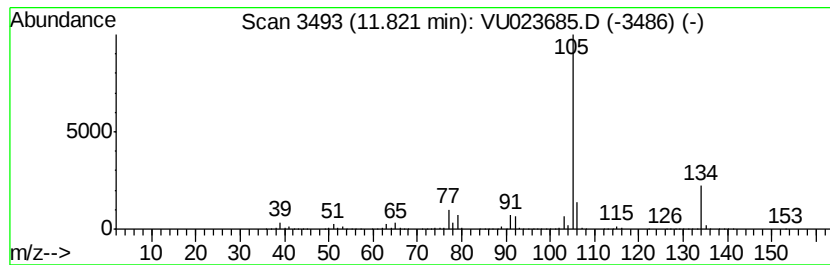
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Quant Title : VOC Analysis

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

Peak Number 49 Benzene, 1-methyl-3-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	302.79 ug/L	13221600	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-4-propyl-	134	C10H14	001074-55-1	87
5		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

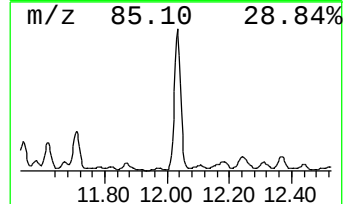
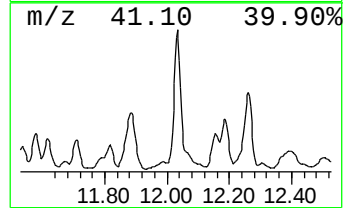
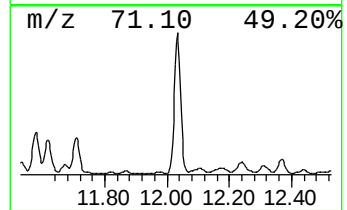
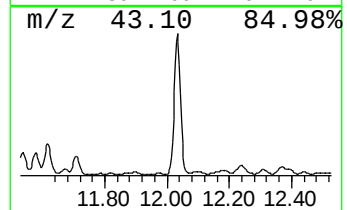
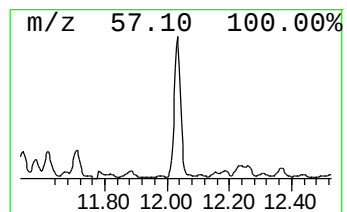
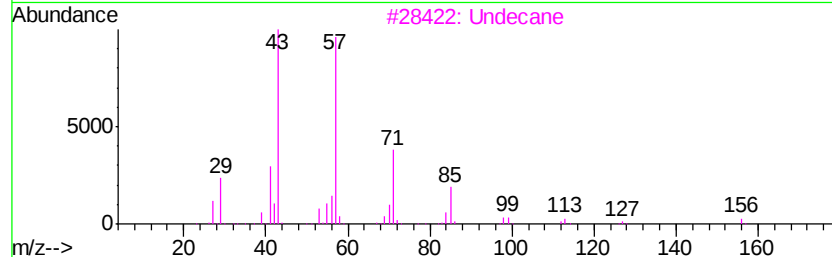
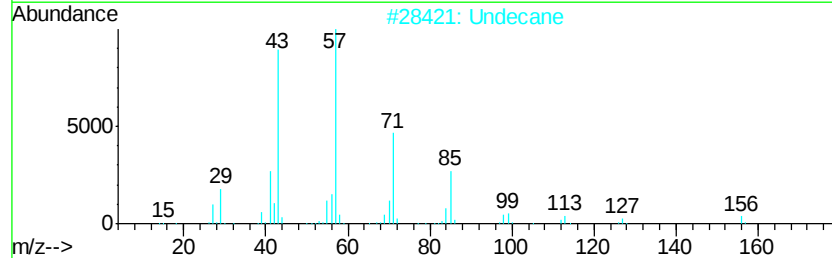
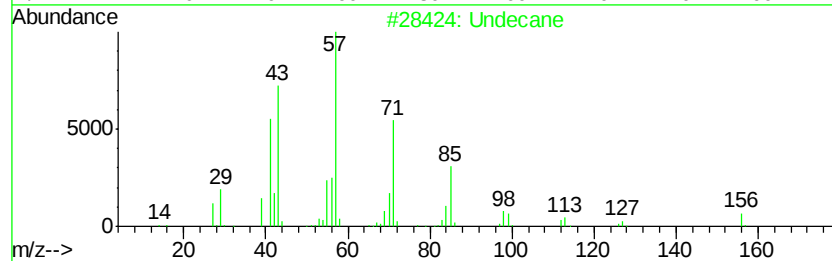
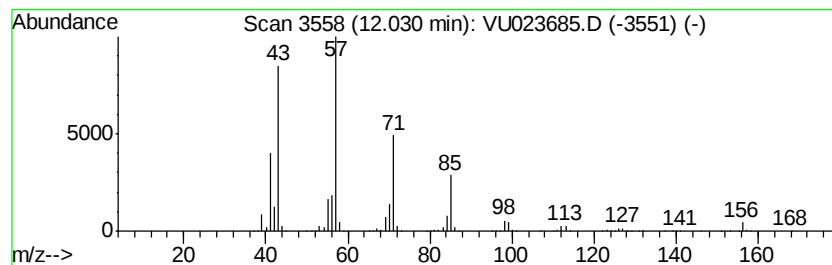
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Quant Title : VOC Analysis

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

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	138.56 ug/L	6050260	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	94
2		Undecane	156	C11H24	001120-21-4	94
3		Undecane	156	C11H24	001120-21-4	91
4		Undecane	156	C11H24	001120-21-4	90
5		Tetradecane	198	C14H30	000629-59-4	90



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

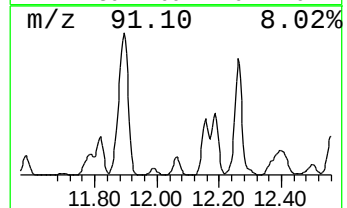
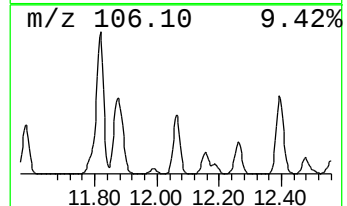
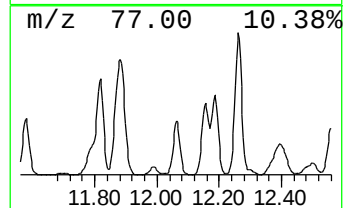
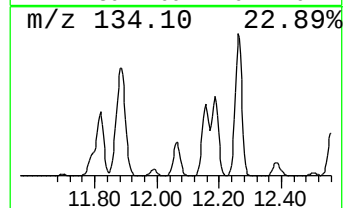
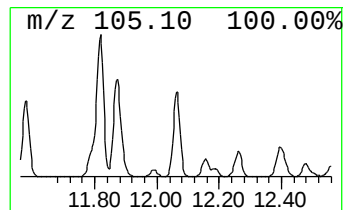
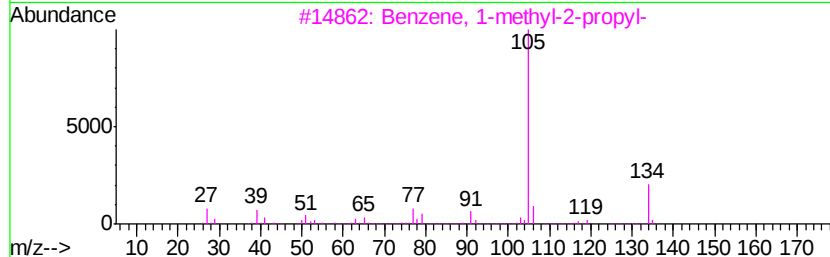
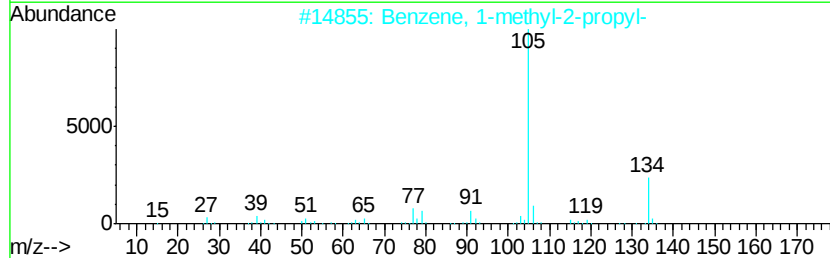
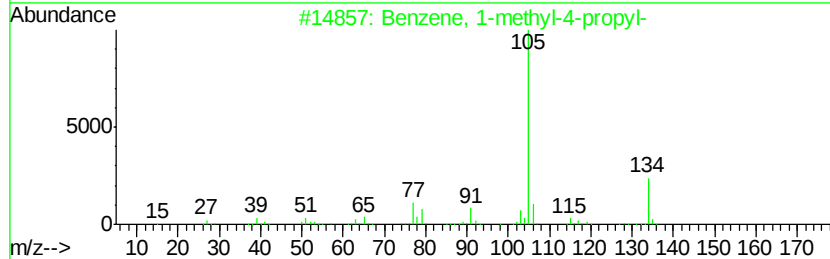
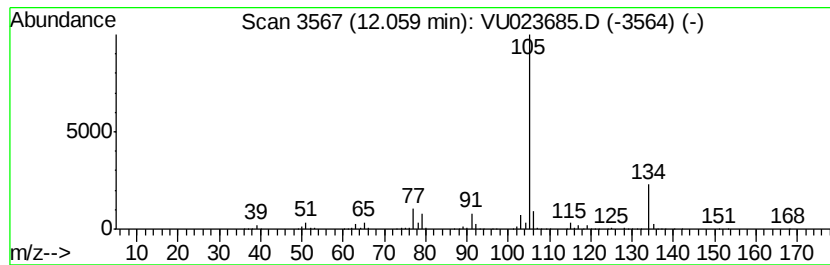
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Quant Title : VOC Analysis

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

Peak Number 52 Benzene, 1-methyl-4-propyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	159.48 ug/L	6963960	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	94
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

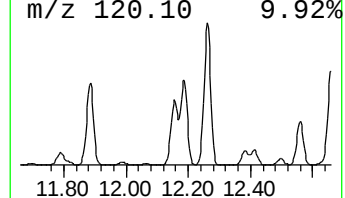
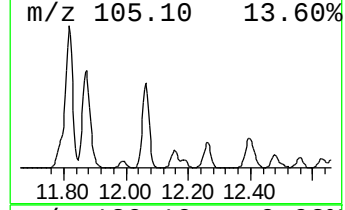
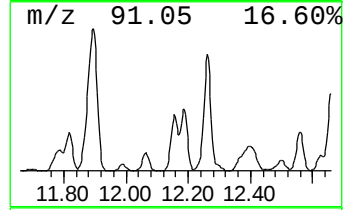
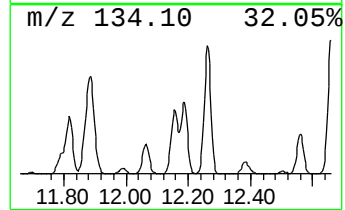
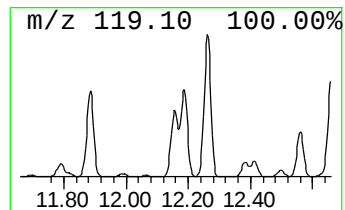
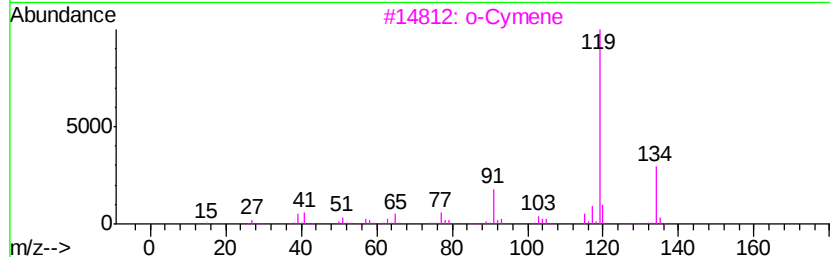
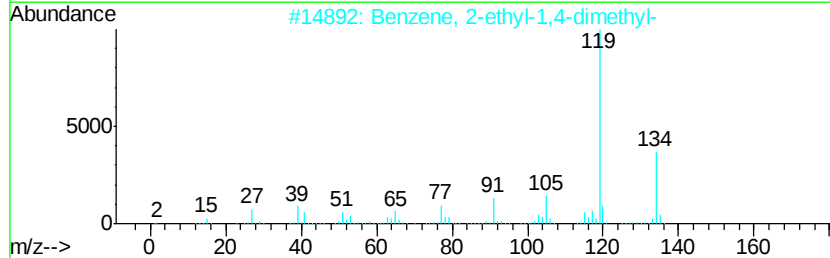
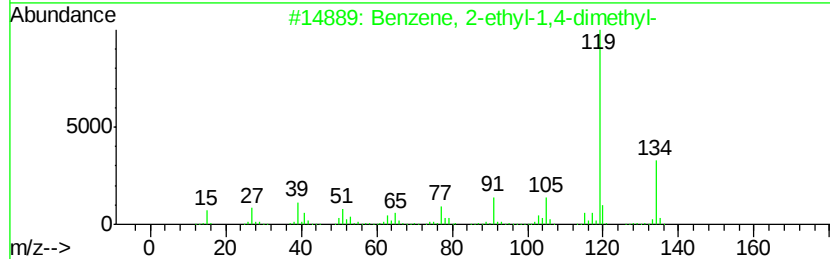
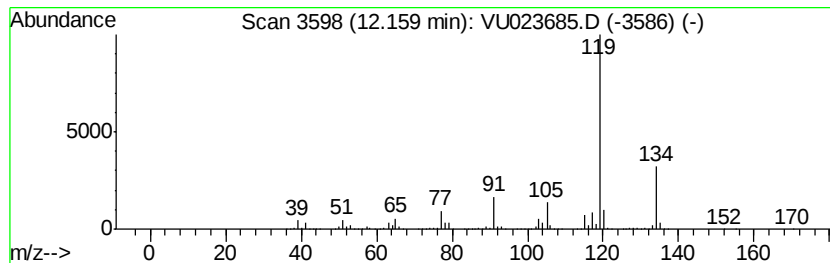
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Quant Title : VOC Analysis

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

Peak Number 53 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	333.95 ug/L	14582200	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	95
3		o-Cymene	134	C10H14	000527-84-4	95
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

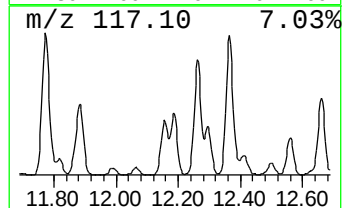
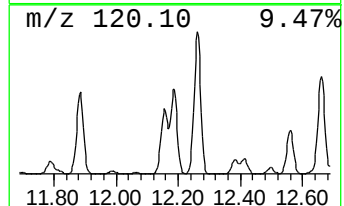
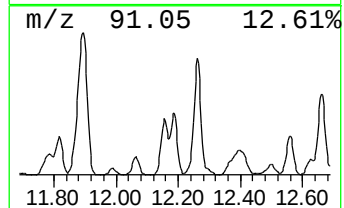
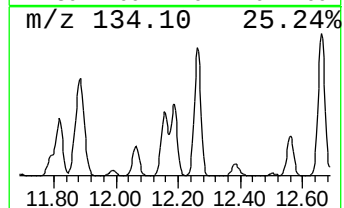
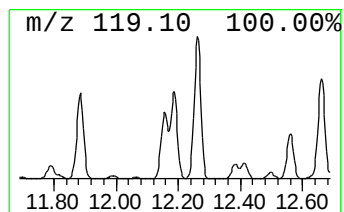
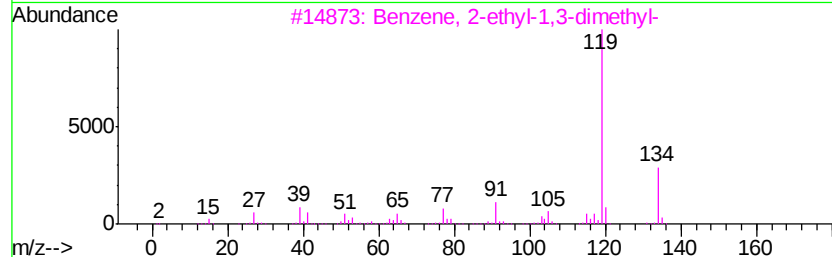
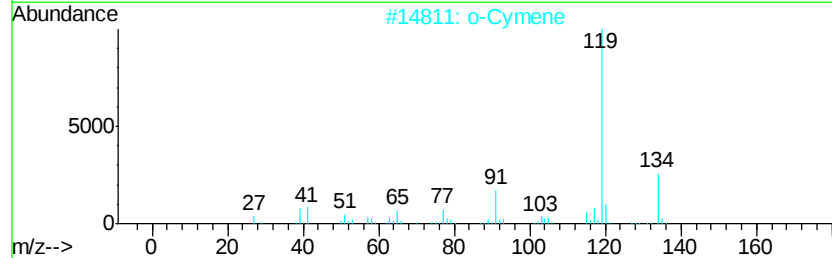
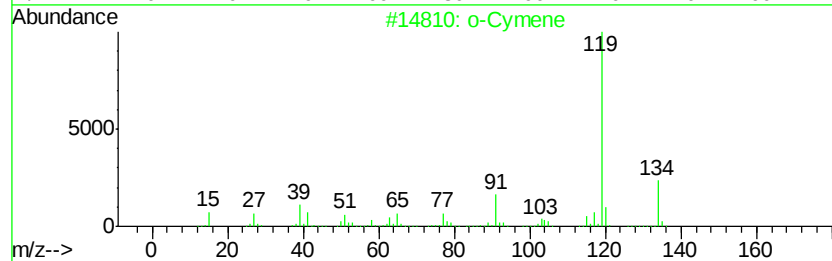
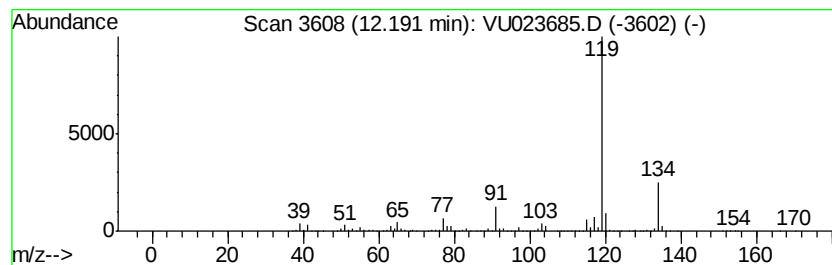
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Quant Title : VOC Analysis

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

Peak Number 54 o-Cymene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	327.99 ug/L	14322100	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	95
2		o-Cymene	134	C10H14	000527-84-4	94
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

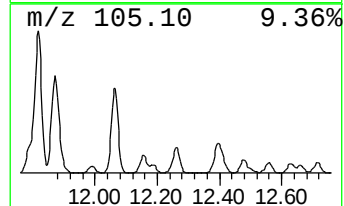
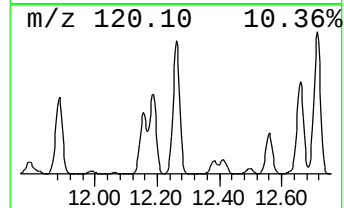
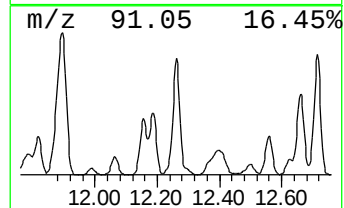
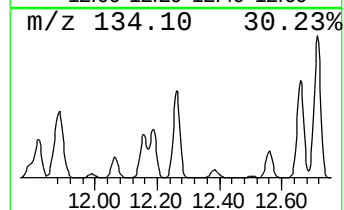
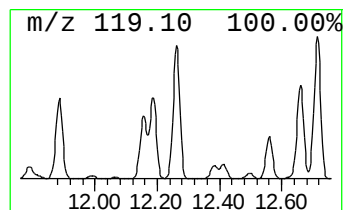
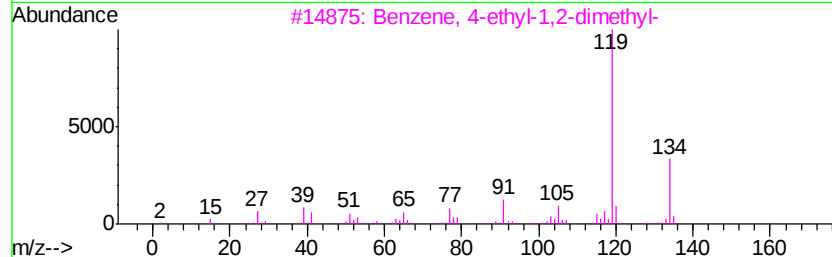
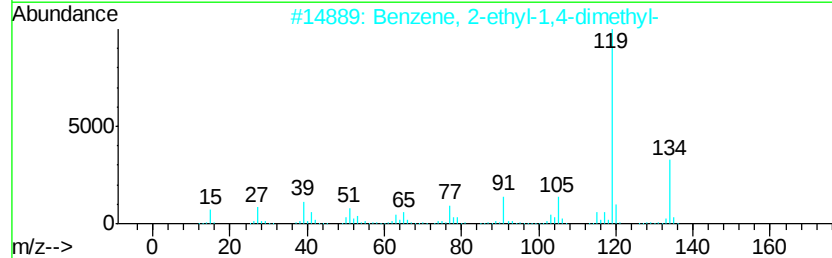
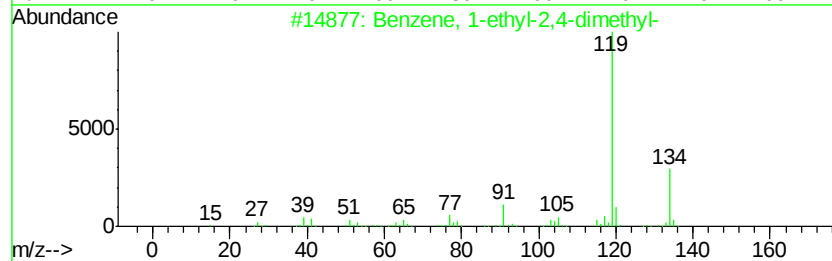
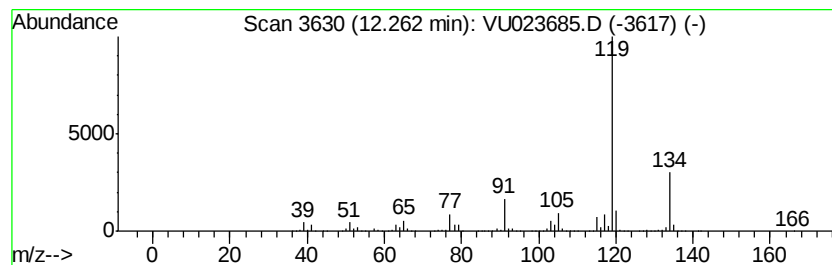
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Quant Title : VOC Analysis

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

Peak Number 55 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	639.46 ug/L	27923000	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		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

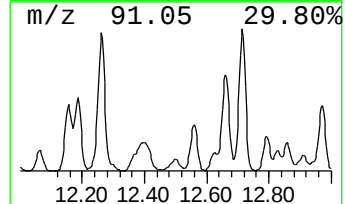
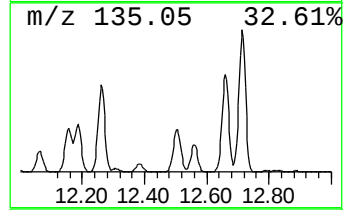
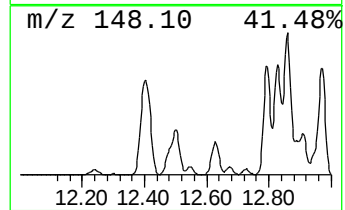
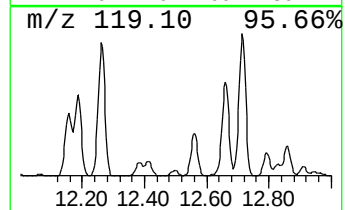
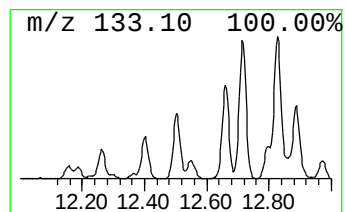
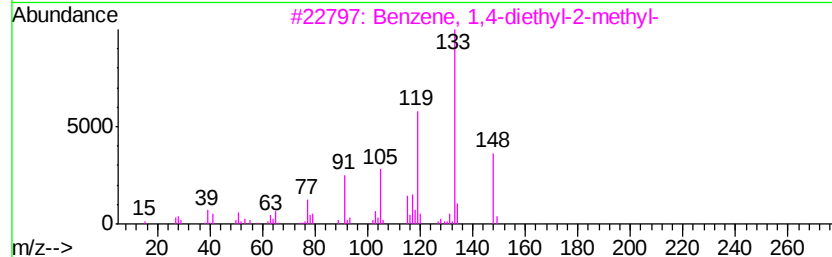
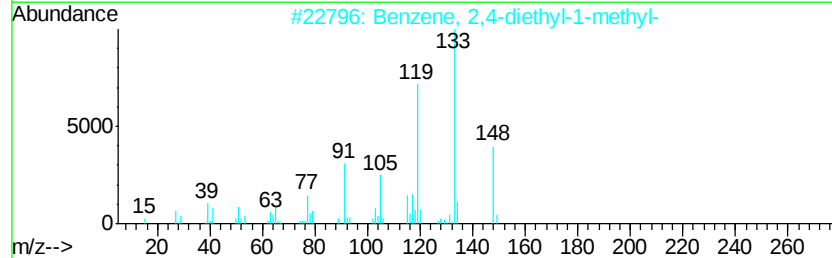
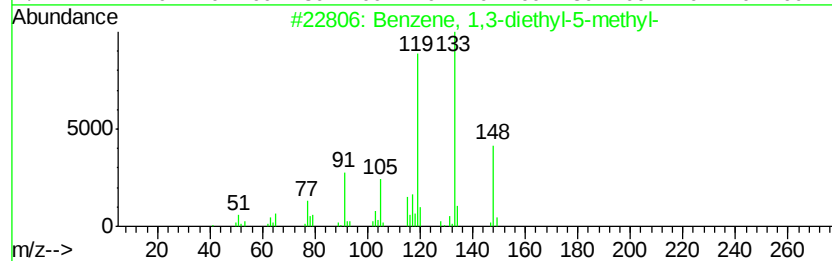
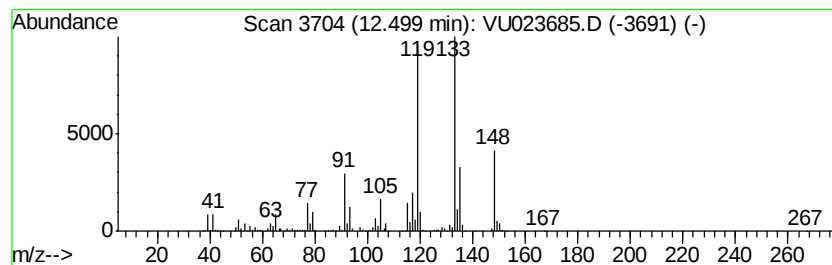
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Quant Title : VOC Analysis

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

Peak Number 57 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	78.86 ug/L	3443510	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	90
2		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	87
3		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	68
4		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	60
5		3,4-Dimethylcumene	148	C11H16	1000370-34-1	55



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

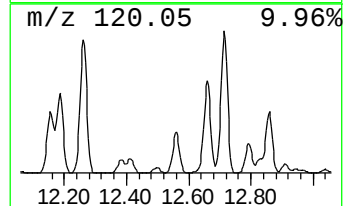
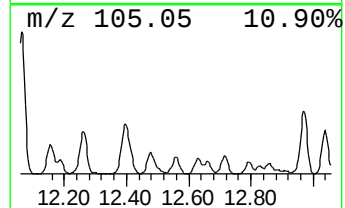
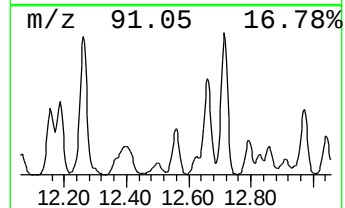
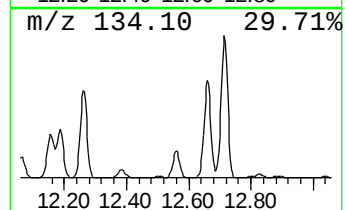
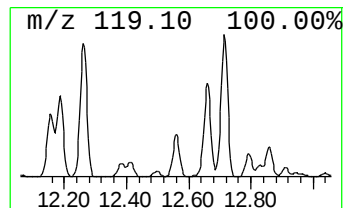
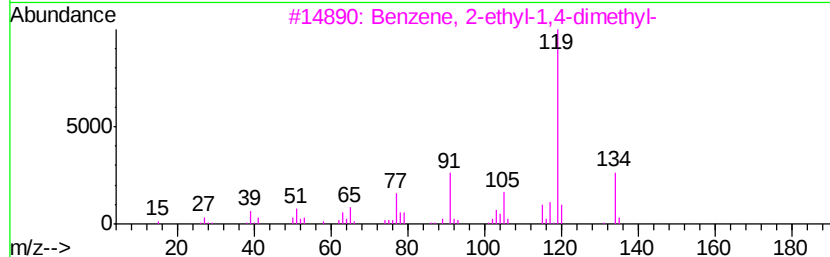
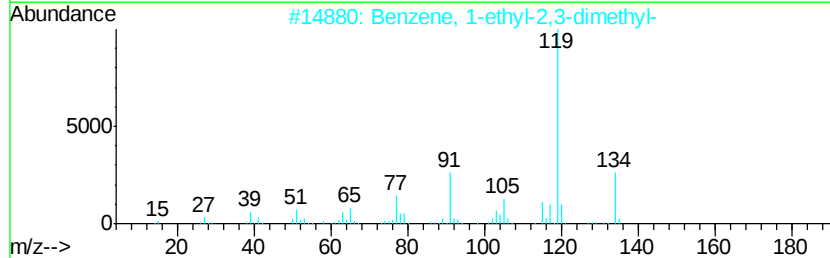
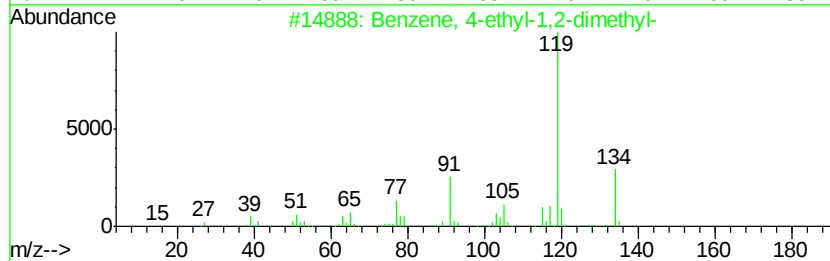
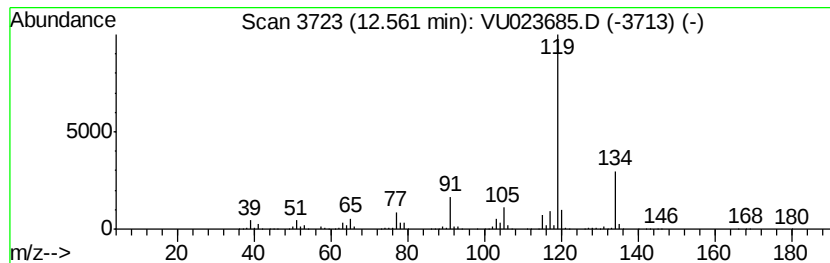
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Quant Title : VOC Analysis

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

Peak Number 58 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	219.21 ug/L	9571930	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5		o-Cymene	134	C10H14	000527-84-4	95



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

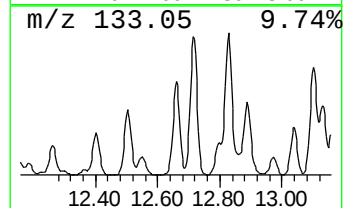
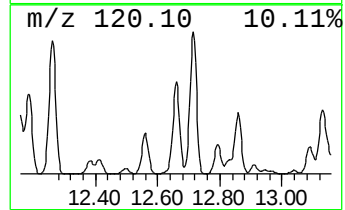
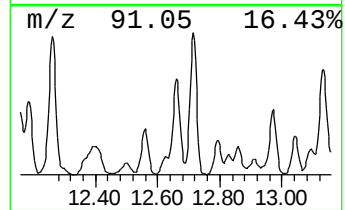
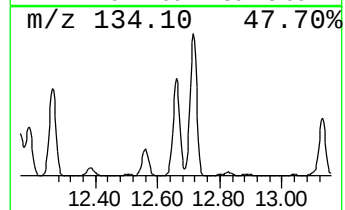
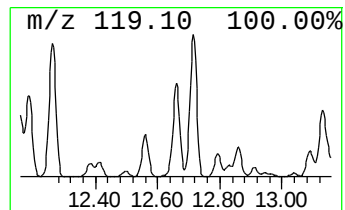
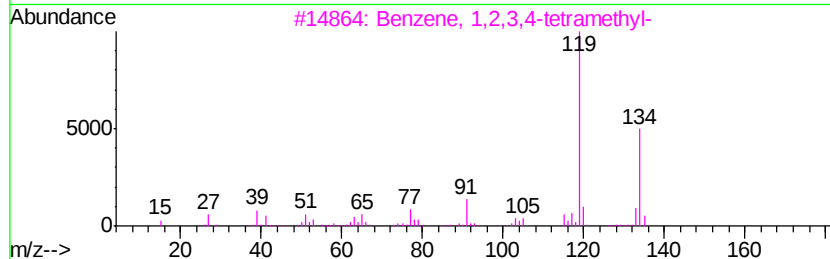
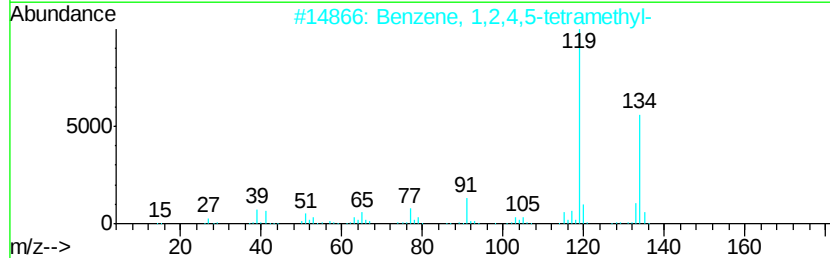
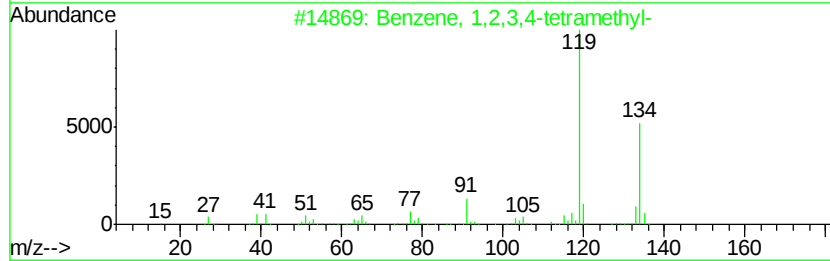
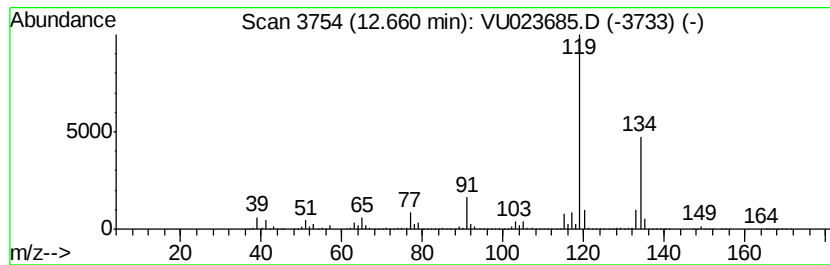
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Quant Title : VOC Analysis

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

Peak Number 59 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	575.59 ug/L	25134000	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, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

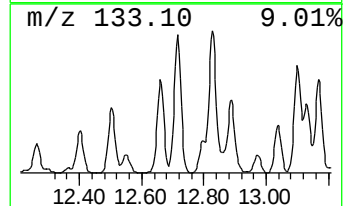
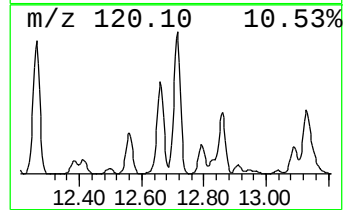
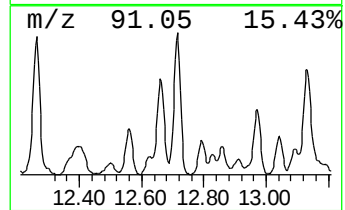
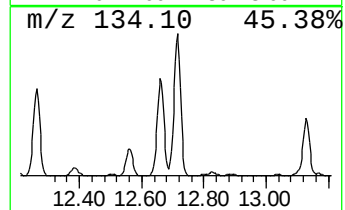
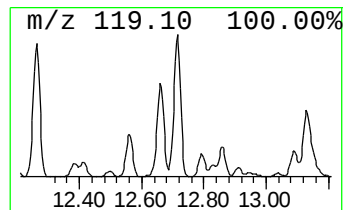
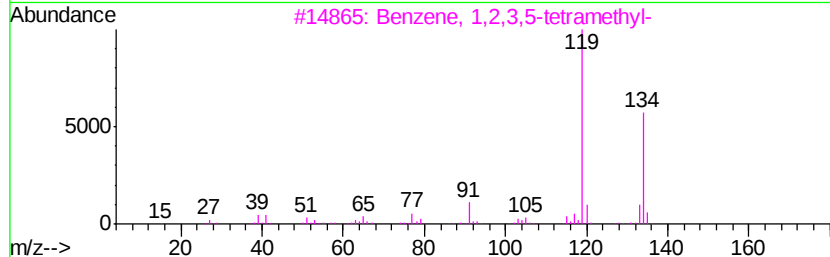
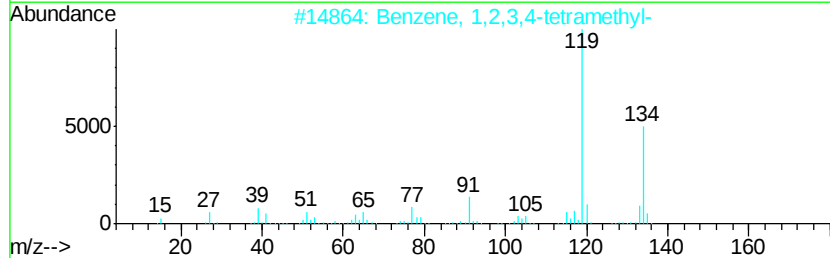
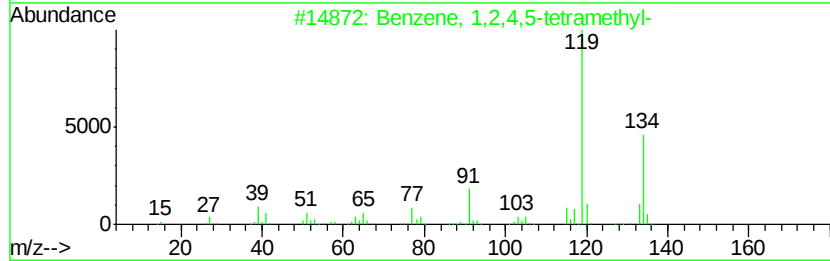
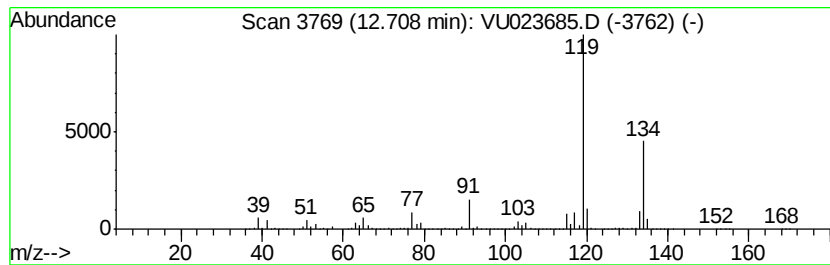
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Quant Title : VOC Analysis

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

Peak Number 60 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	731.87 ug/L	31958100	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

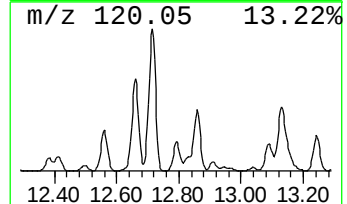
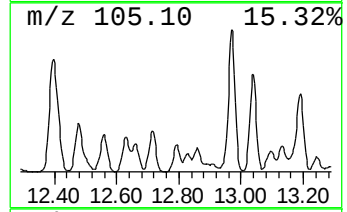
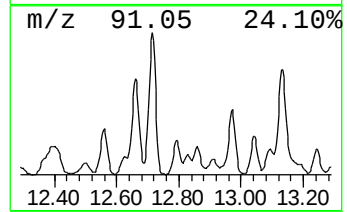
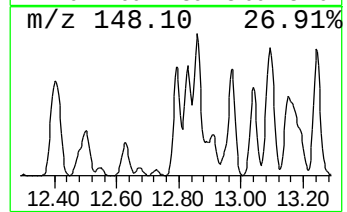
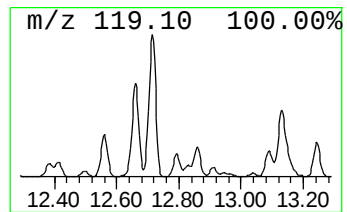
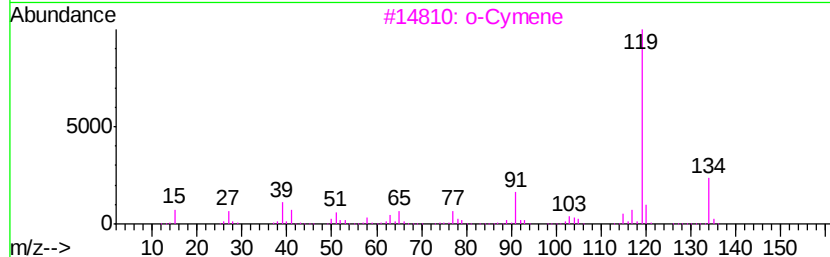
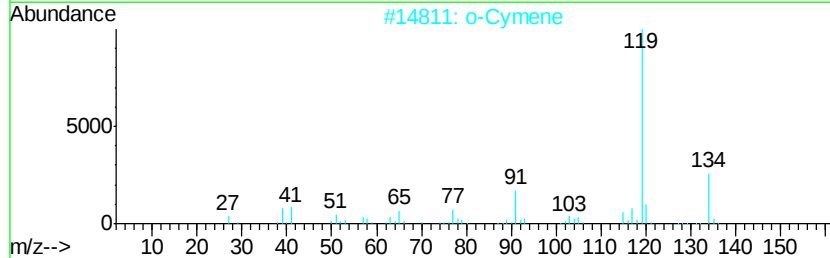
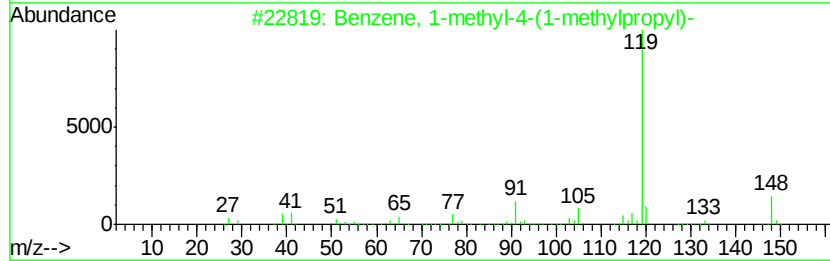
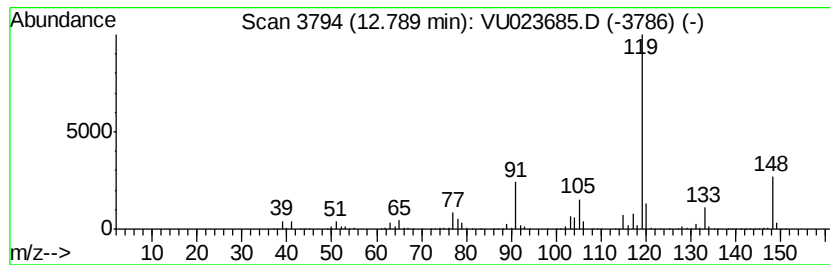
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Quant Title : VOC Analysis

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

Peak Number 61 Benzene, 1-methyl-4-(1-meth... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	119.18 ug/L	5203930	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	93
2		o-Cymene	134	C10H14	000527-84-4	91
3		o-Cymene	134	C10H14	000527-84-4	91
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
5		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

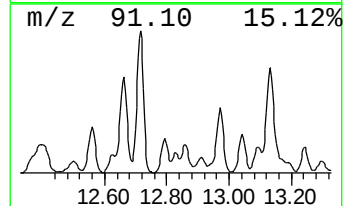
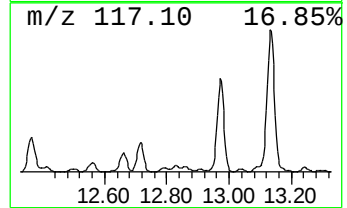
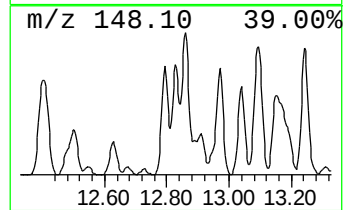
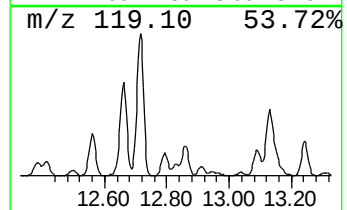
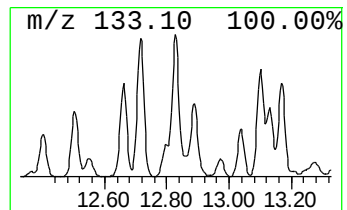
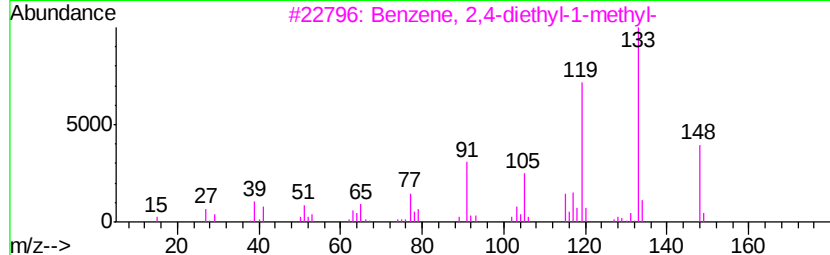
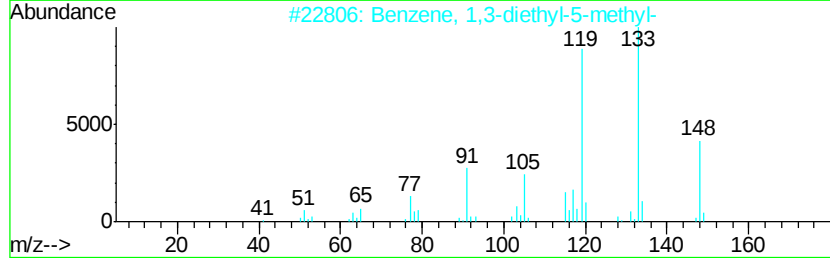
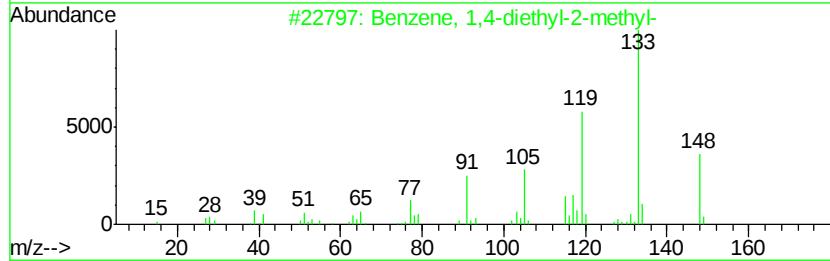
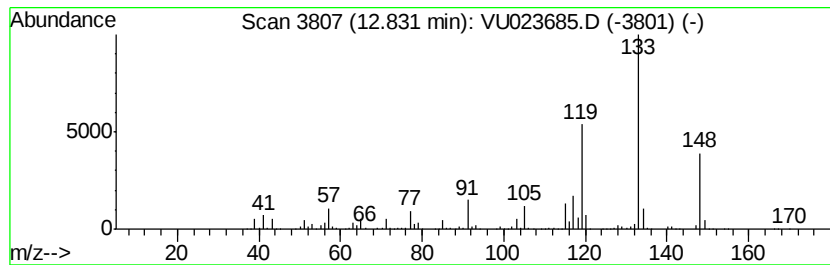
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Quant Title : VOC Analysis

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

Peak Number 62 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	75.17 ug/L	3282500	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	94
2		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	94
3		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	91
4		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	80
5		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	80



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

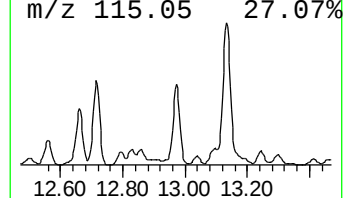
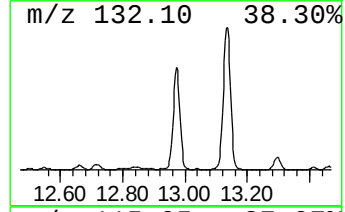
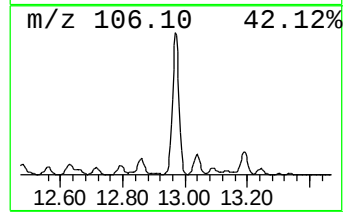
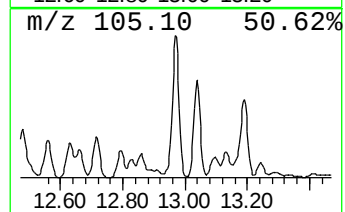
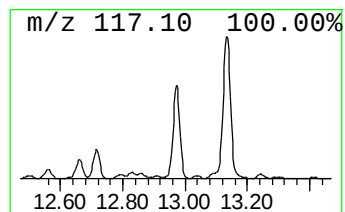
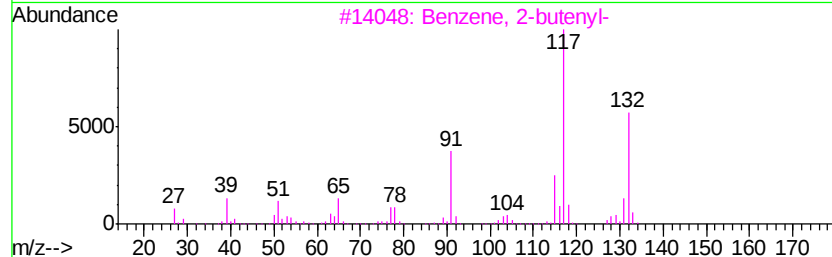
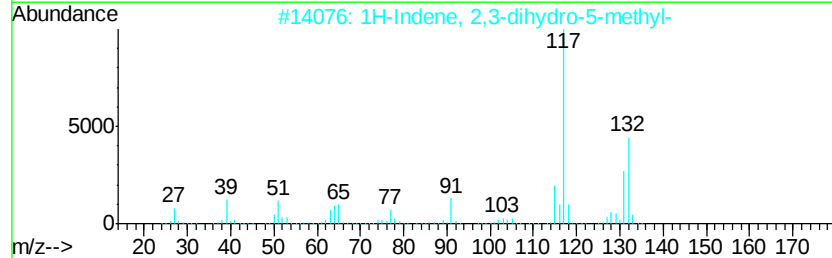
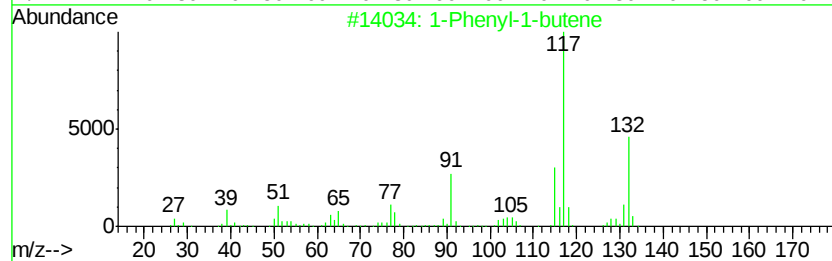
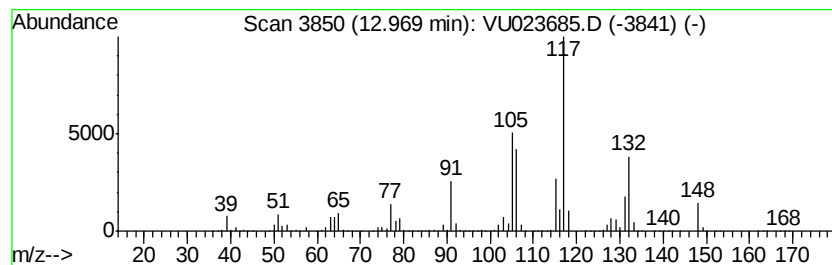
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Quant Title : VOC Analysis

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

Peak Number 64 1-Phenyl-1-butene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	339.77 ug/L	14836500	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenyl-1-butene	132	C10H12	000824-90-8	95
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	92
4		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	92
5		2,4-Dimethylstyrene	132	C10H12	002234-20-0	92



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

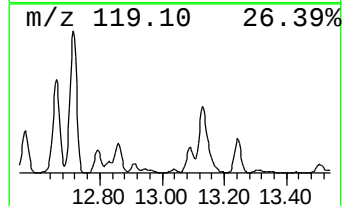
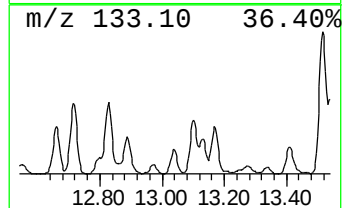
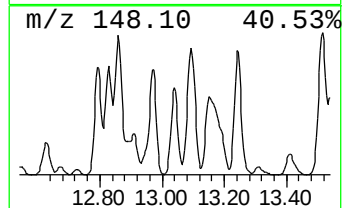
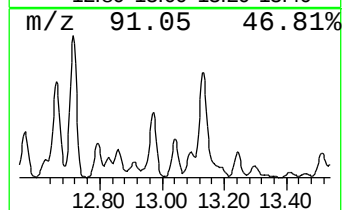
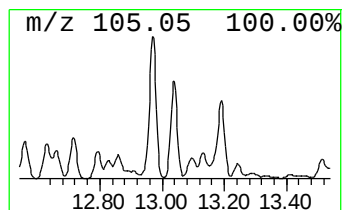
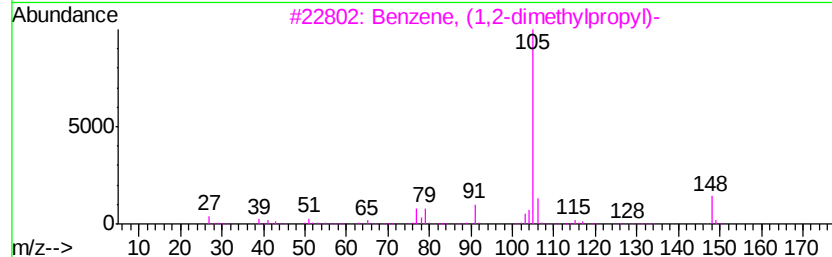
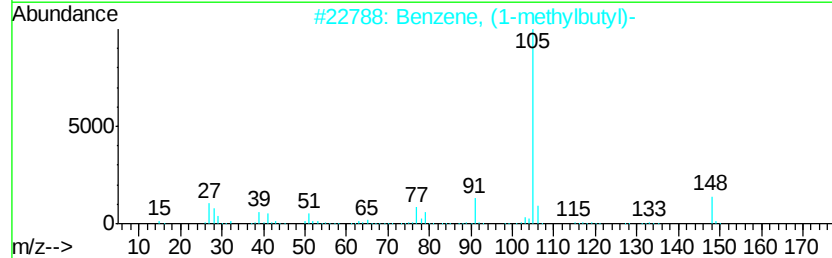
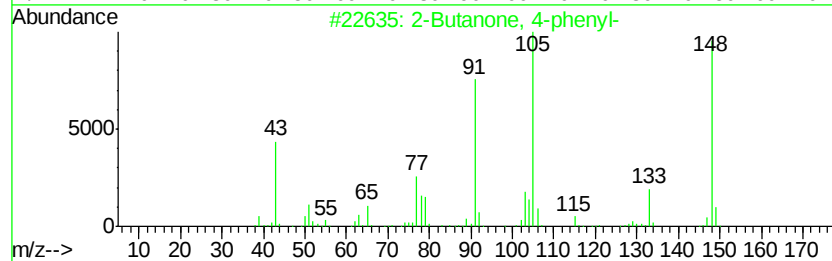
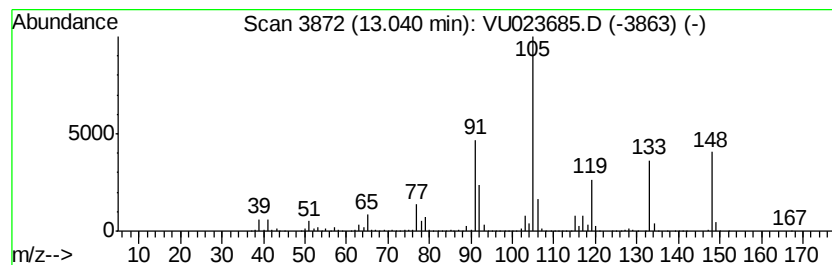
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Quant Title : VOC Analysis

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

Peak Number 65 unknown-02 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	91.47 ug/L	3994030	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	43
2		Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	38
3		Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	38
4		2-Methylindan-2-ol	148	C10H12O	033223-84-6	38
5		Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	35



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

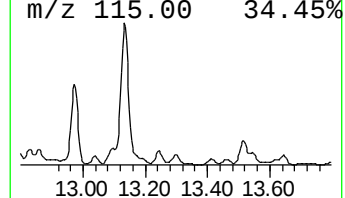
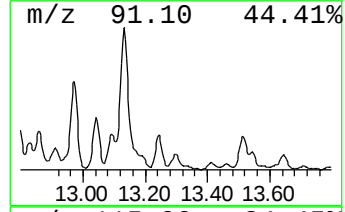
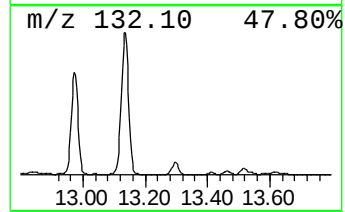
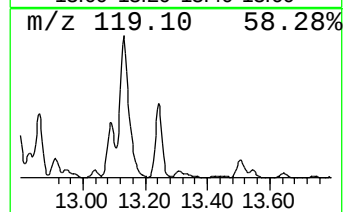
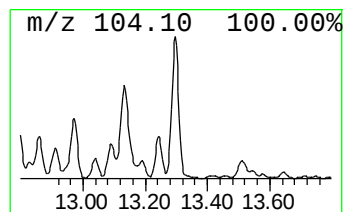
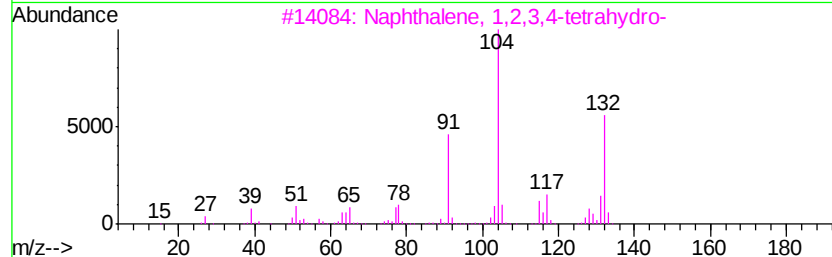
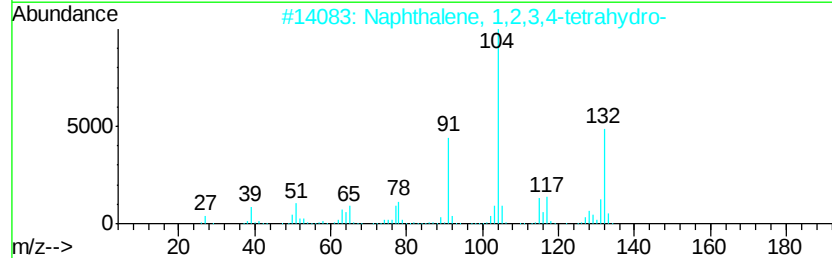
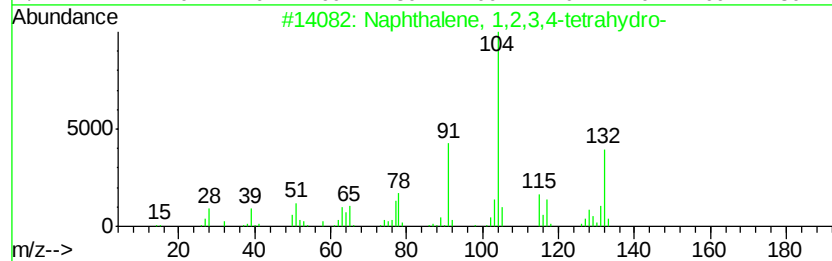
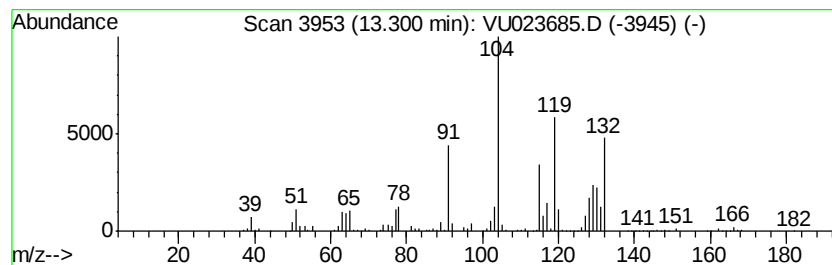
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Quant Title : VOC Analysis

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

Peak Number 69 Naphthalene, 1,2,3,4-tetra... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	29.13 ug/L	1271900	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	83
2		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	83
3		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	83
4		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	83
5		Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	43



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

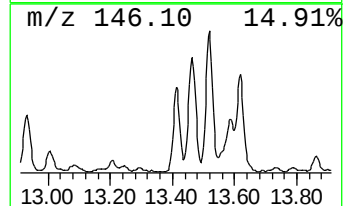
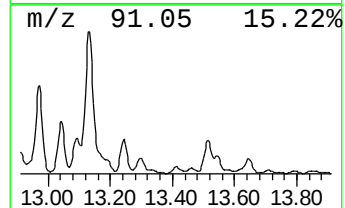
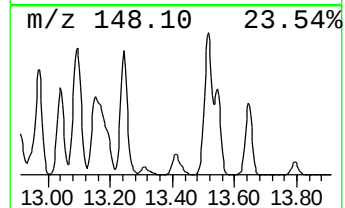
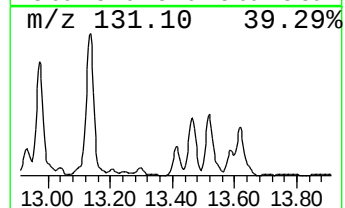
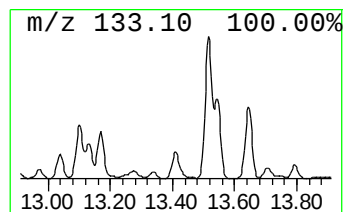
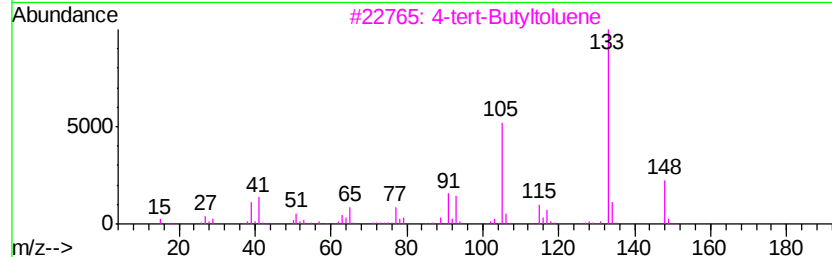
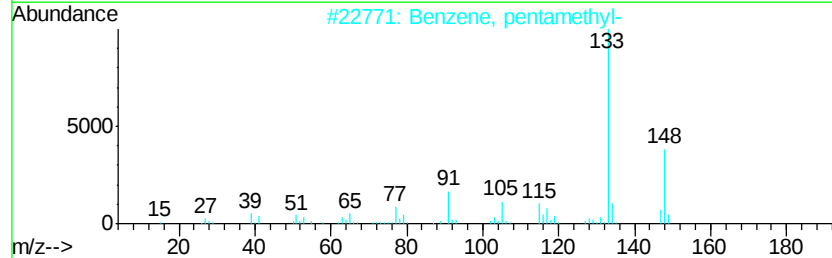
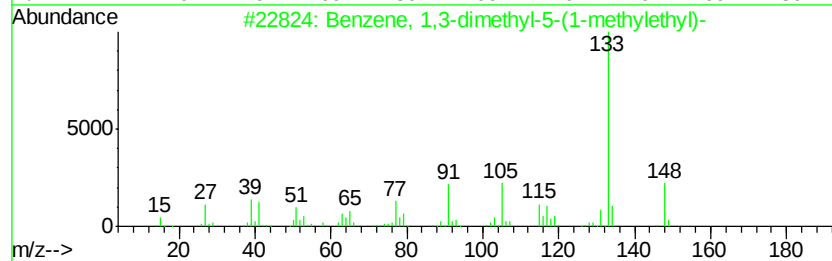
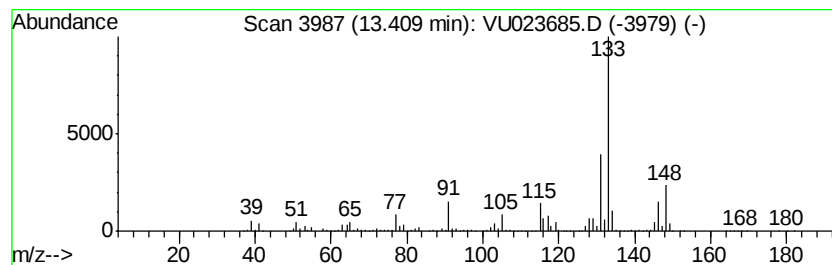
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Quant Title : VOC Analysis

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

Peak Number 70 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	37.02 ug/L	1616330	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	60
2		Benzene, pentamethyl-	148	C11H16	000700-12-9	58
3		4-tert-Butyltoluene	148	C11H16	000098-51-1	53
4		Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	53
5		4-tert-Butyltoluene	148	C11H16	000098-51-1	53



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

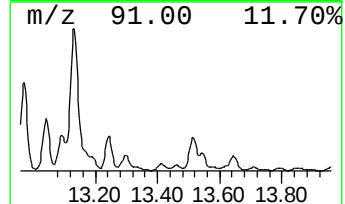
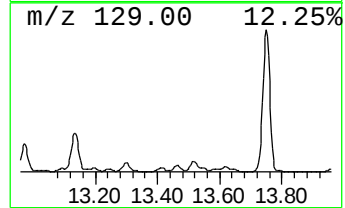
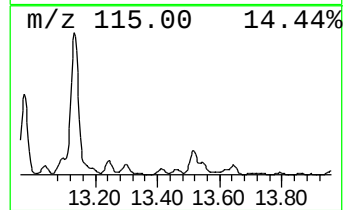
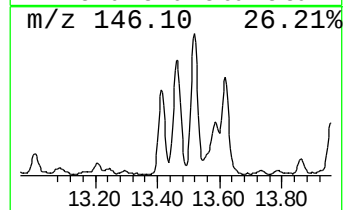
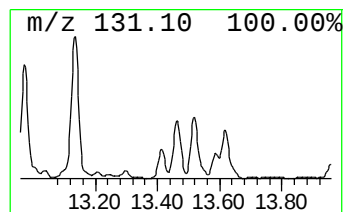
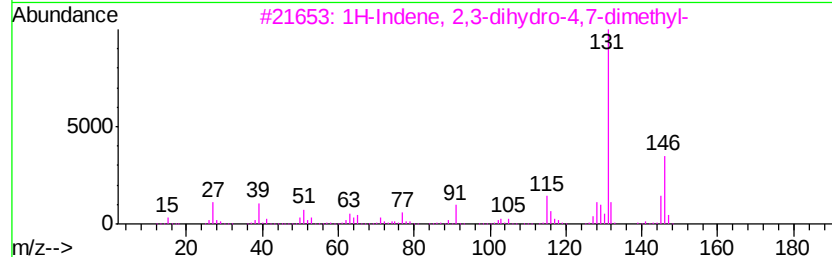
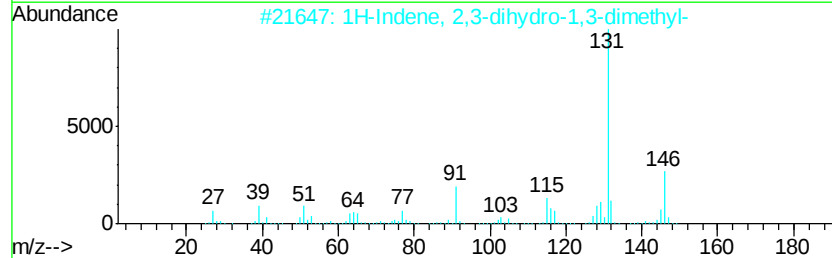
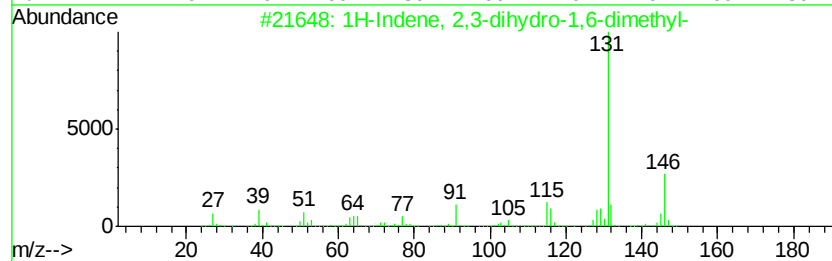
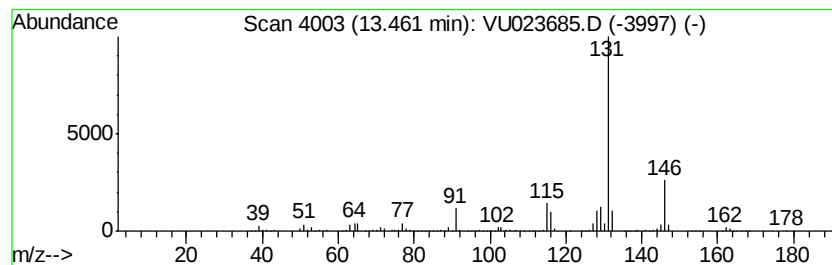
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Quant Title : VOC Analysis

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

Peak Number 71 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	14.45 ug/L	630932	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
5		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

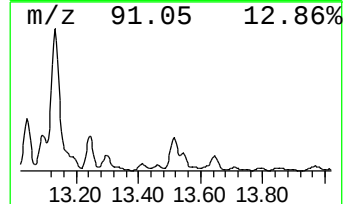
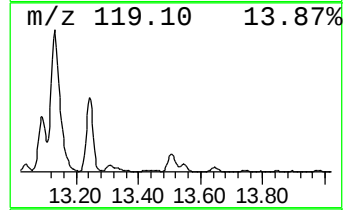
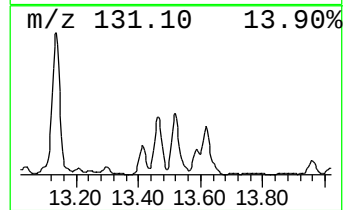
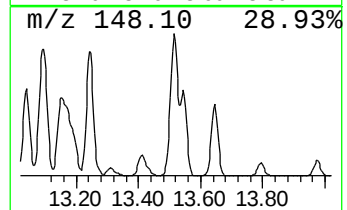
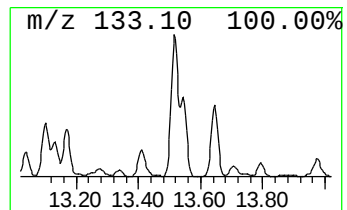
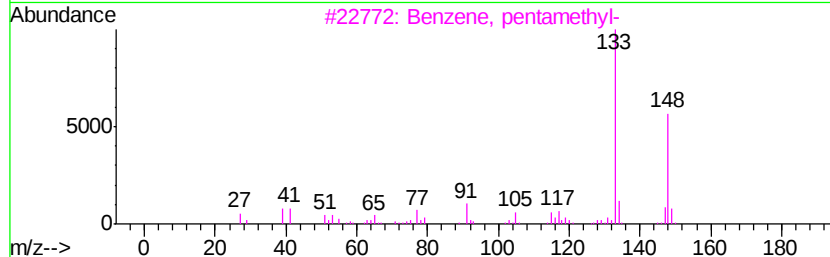
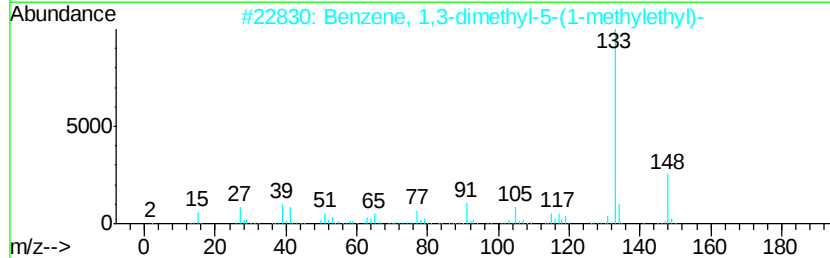
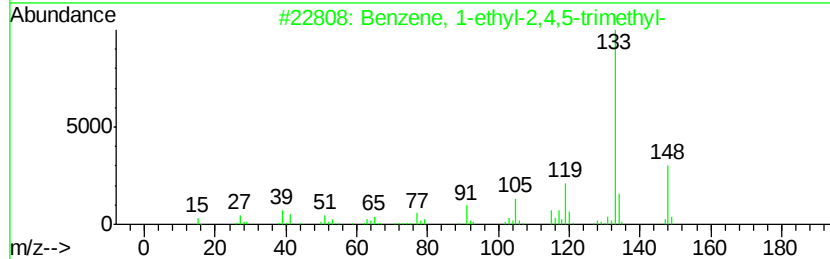
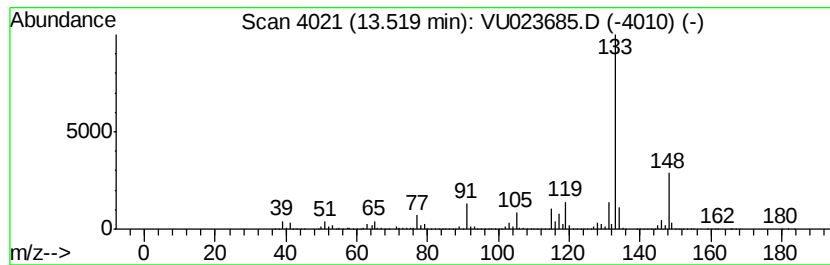
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Quant Title : VOC Analysis

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

Peak Number 72 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	172.06 ug/L	7513350	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	91
2		Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	90
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	90
4		3,4-Dimethylcumene	148	C11H16	1000370-34-1	90
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	87



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

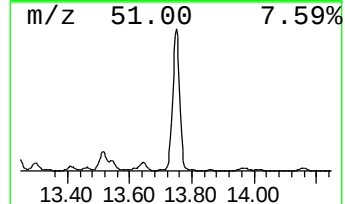
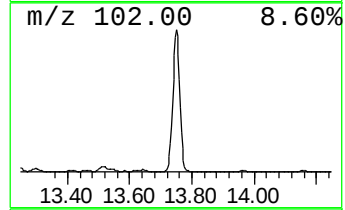
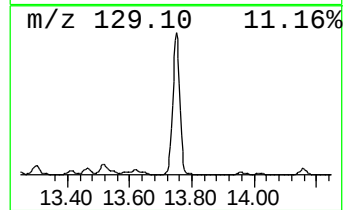
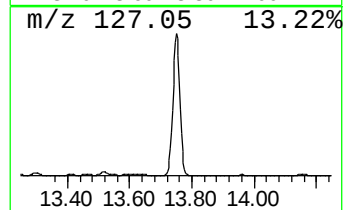
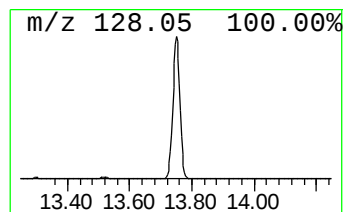
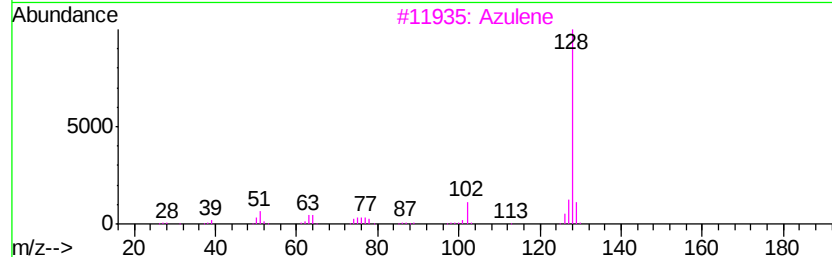
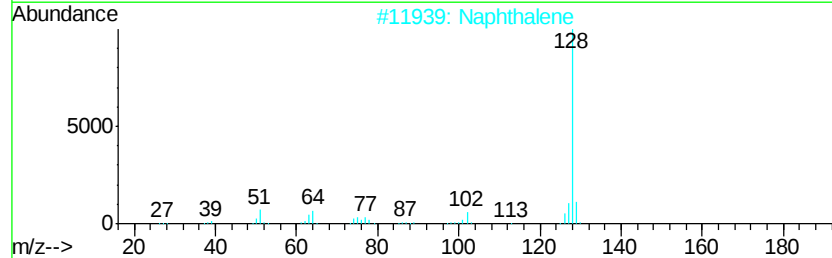
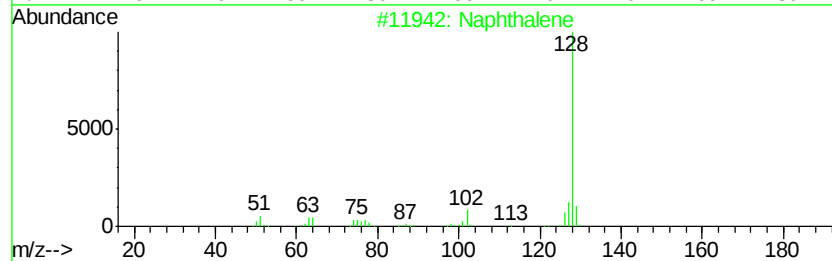
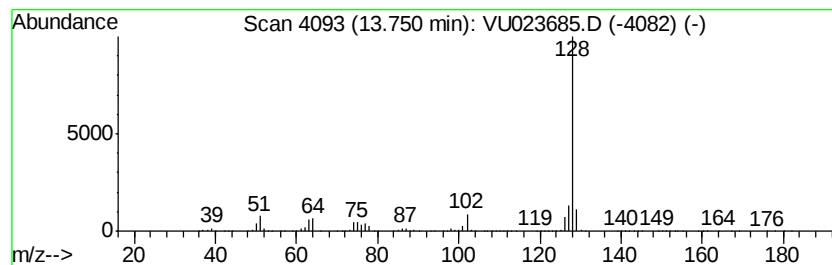
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Quant Title : VOC Analysis

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

Peak Number 74 Azulene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	418.62 ug/L	18279300	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene	128	C10H8	000091-20-3	95
2		Naphthalene	128	C10H8	000091-20-3	94
3		Azulene	128	C10H8	000275-51-4	93
4		Naphthalene	128	C10H8	000091-20-3	91
5		Azulene	128	C10H8	000275-51-4	91



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

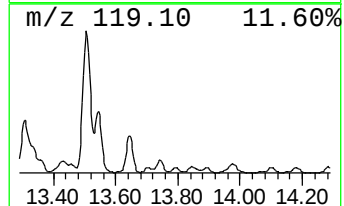
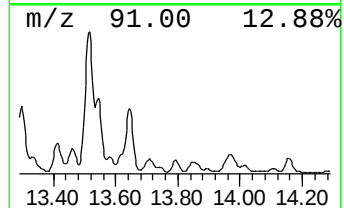
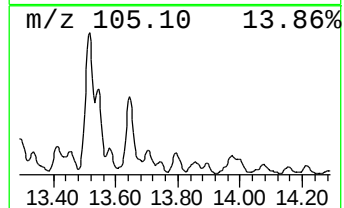
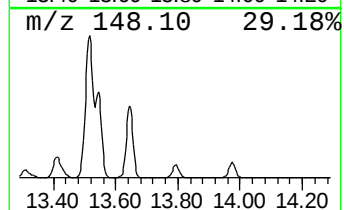
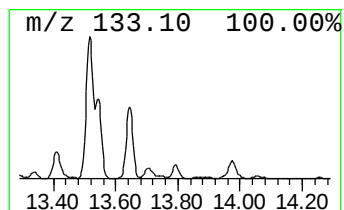
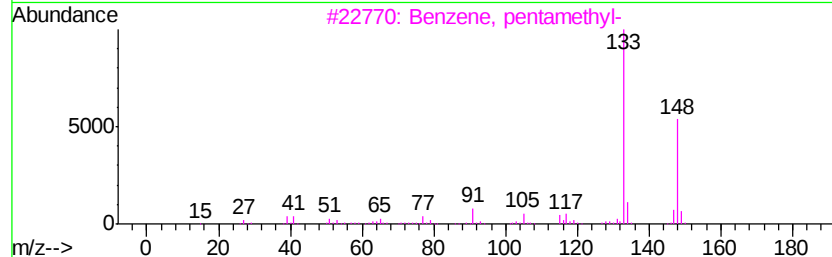
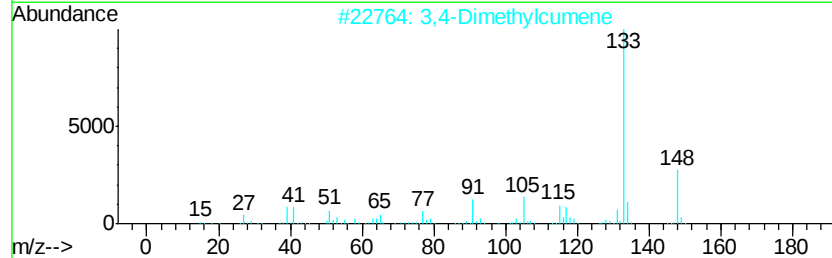
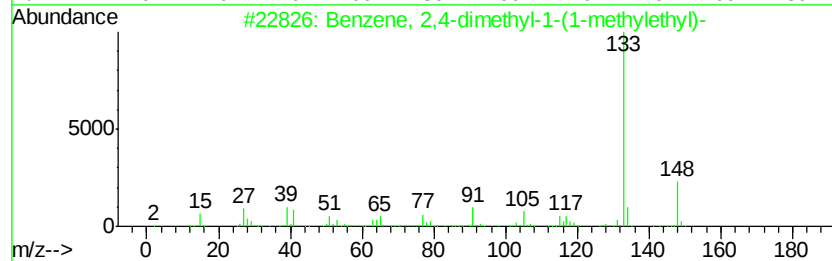
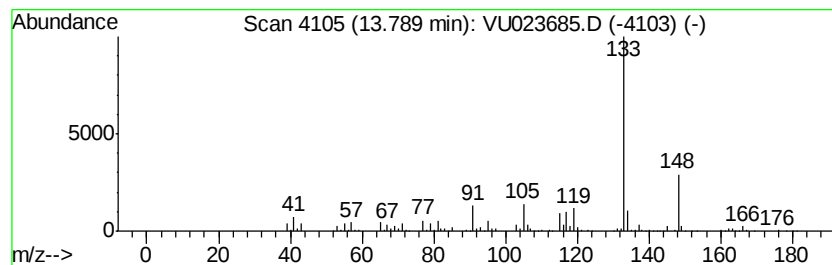
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Quant Title : VOC Analysis

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

Peak Number 75 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 78

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	12.99 ug/L	567228	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	87
2		3,4-Dimethylcumene	148	C11H16	1000370-34-1	87
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	87
4		Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	87
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	83



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

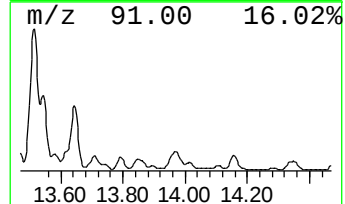
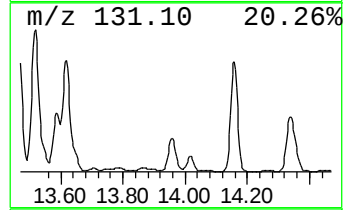
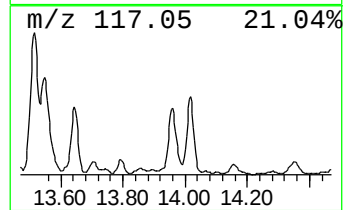
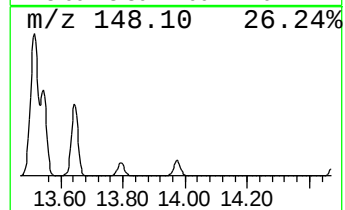
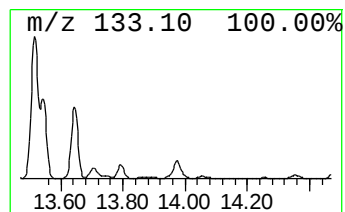
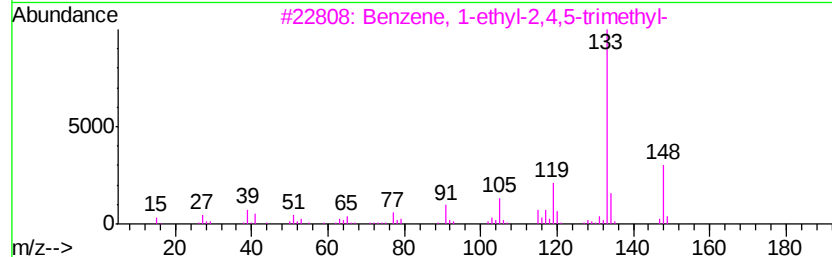
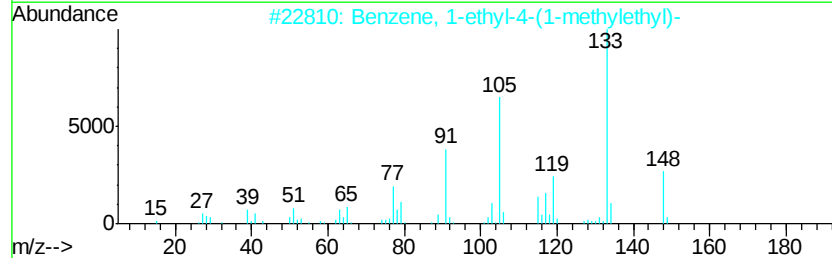
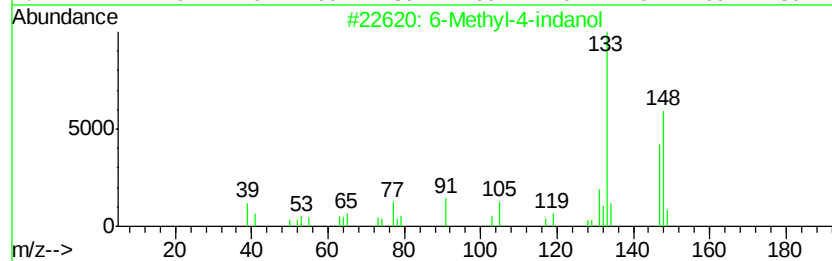
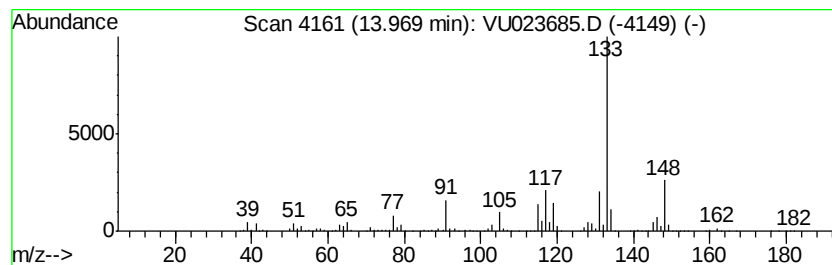
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Quant Title : VOC Analysis

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

Peak Number 76 6-Methyl-4-indanol Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	28.24 ug/L	1233220	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Methyl-4-indanol	148	C10H12O	020294-32-0	74
2		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	58
3		Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	58
4		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	58
5		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	58



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

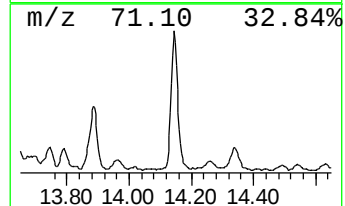
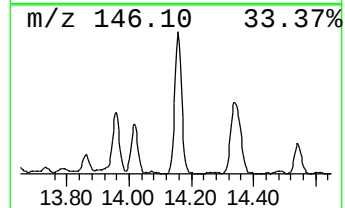
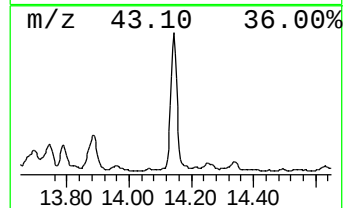
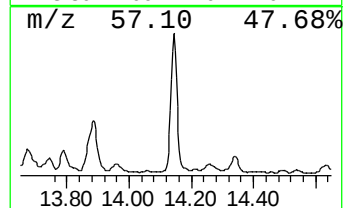
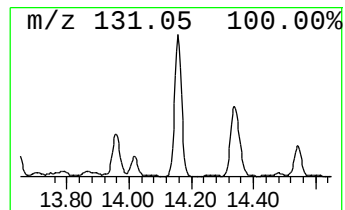
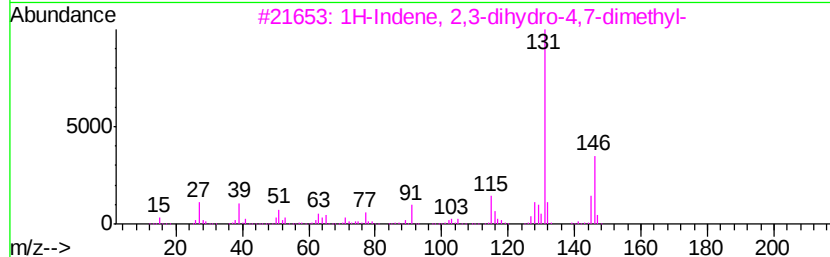
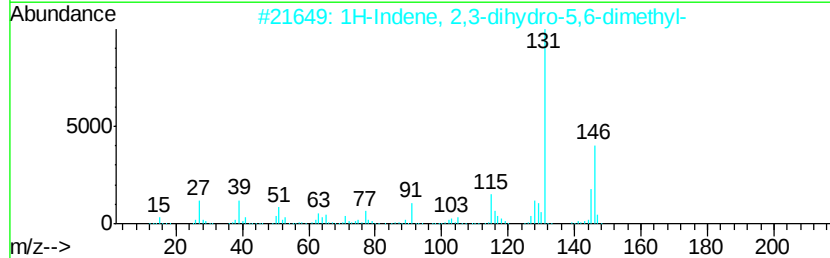
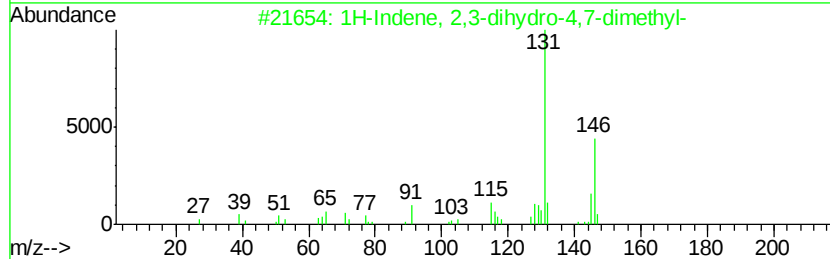
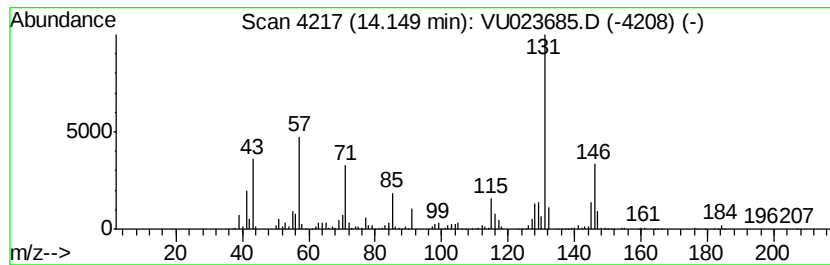
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Quant Title : VOC Analysis

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

Peak Number 77 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	32.04 ug/L	1398850	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
2		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	95
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
4		1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

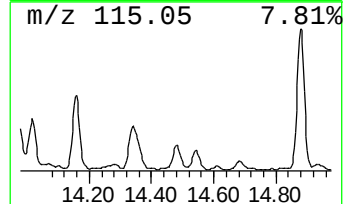
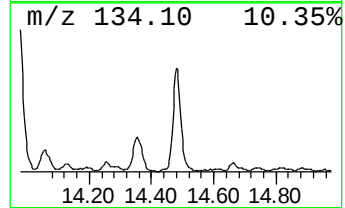
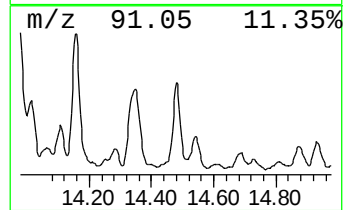
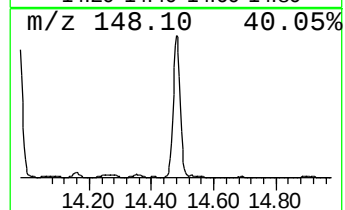
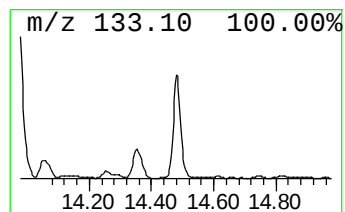
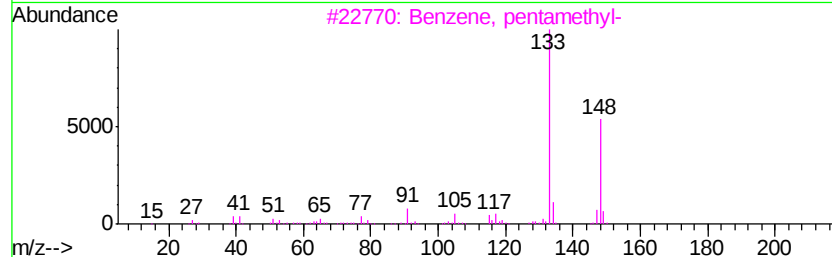
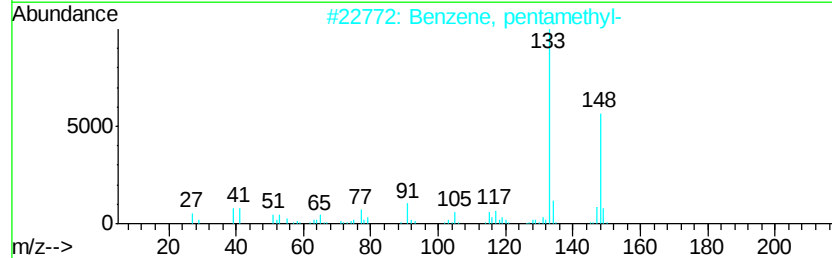
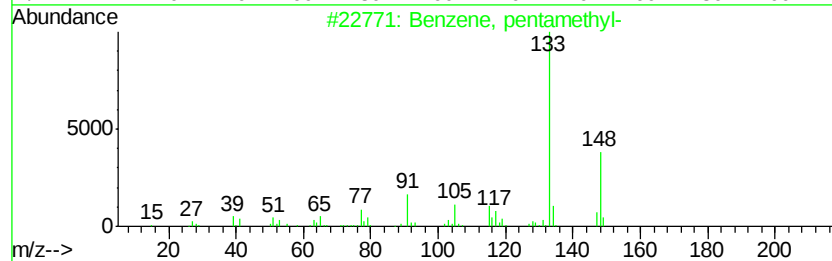
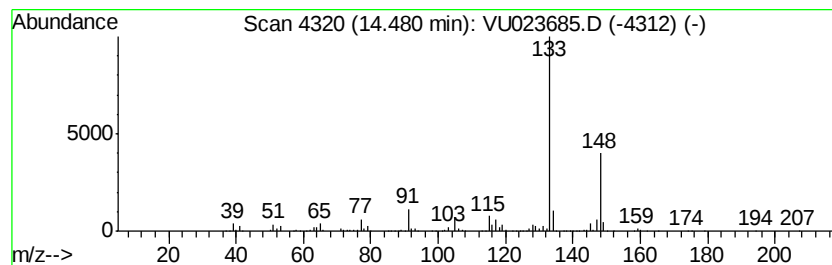
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

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

Peak Number 79 Benzene, pentamethyl- Concentration Rank 79

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	11.13 ug/L	486115	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, pentamethyl-	148	C11H16	000700-12-9	95
2		Benzene, pentamethyl-	148	C11H16	000700-12-9	94
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	93
4		1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	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 : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

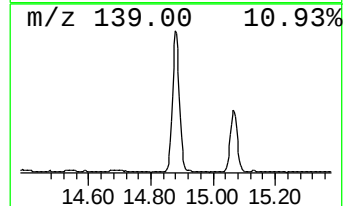
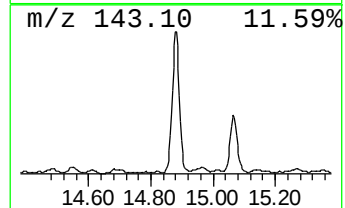
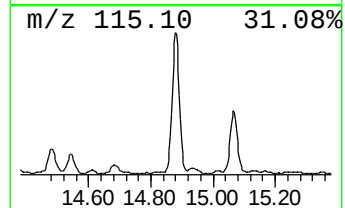
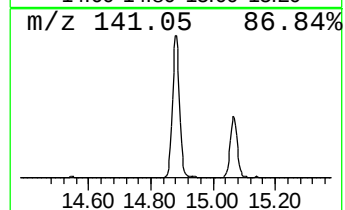
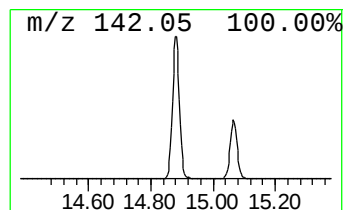
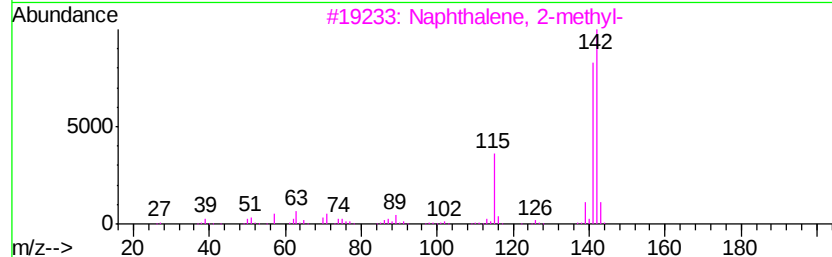
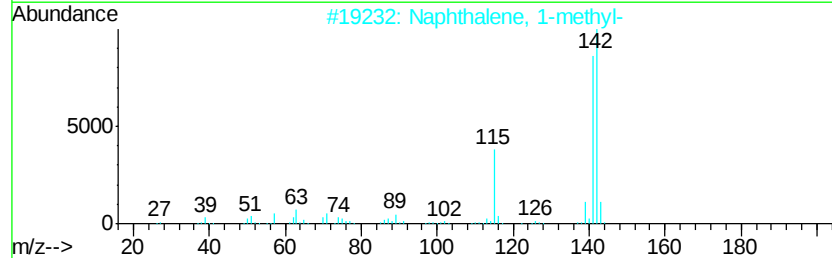
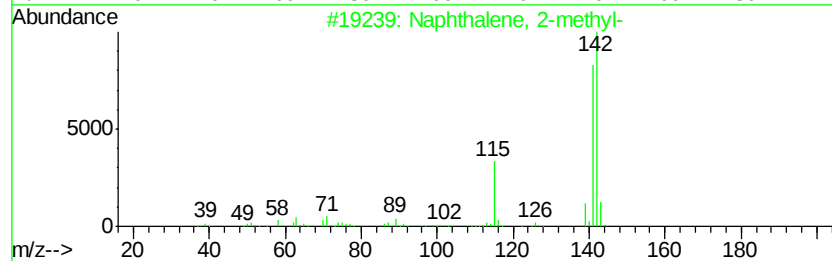
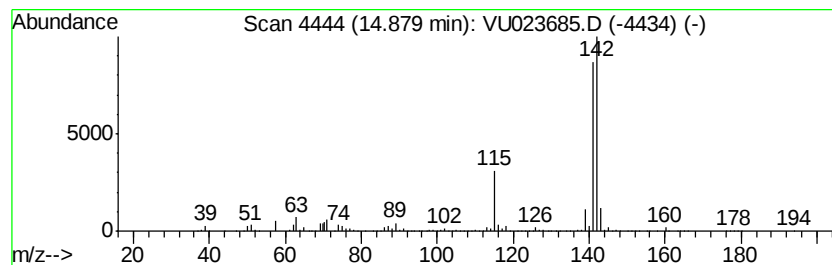
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

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

Peak Number 80 Naphthalene, 1-methyl- Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	23.82 ug/L	1040010	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93



Data Path : W:\HPCHEM1\MSVOA_U\Data\VU050618\
 Data File : VU023685.D
 Acq On : 06 May 2018 12:22
 Operator : MD/SY
 Sample : J2721-01
 Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 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

						--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc	
(DEL) Alkane: Str...	3.28	41.0	ug/L	567438	1	5.89	692552	50.0	
(DEL) Alkane: Str...	5.21	101.2	ug/L	1401170	1	5.89	692552	50.0	
(DEL) Alkane: Cyc...	5.47	35.1	ug/L	486696	1	5.89	692552	50.0	
(DEL) Alkane: Cyc...	5.62	52.6	ug/L	728561	1	5.89	692552	50.0	
(DEL) Alkane: Str...	5.78	430.0	ug/L	5955400	1	5.89	692552	50.0	
(DEL) Alkane: Str...	6.47	34.0	ug/L	471188	1	5.89	692552	50.0	
(DEL) Alkane: Str...	6.53	47.1	ug/L	652095	1	5.89	692552	50.0	
(DEL) Alkane: Cyc...	6.73	71.3	ug/L	987950	1	5.89	692552	50.0	
(DEL) Alkane: Cyc...	6.90	66.1	ug/L	916103	1	5.89	692552	50.0	
(DEL) Alkane: Str...	7.10	38.5	ug/L	532743	1	5.89	692552	50.0	
(DEL) Alkane: Str...	7.18	241.7	ug/L	3348040	1	5.89	692552	50.0	
(DEL) Alkane: Str...	7.22	79.1	ug/L	1095100	1	5.89	692552	50.0	
(DEL) Alkane: Str...	7.34	183.9	ug/L	2547260	1	5.89	692552	50.0	
(DEL) Alkane: Cyc...	7.92	98.2	ug/L	1616640	2	9.10	823323	50.0	
(DEL) Alkane: Cyc...	8.05	45.2	ug/L	744652	2	9.10	823323	50.0	
(DEL) Alkane: Str...	8.46	61.0	ug/L	1003970	2	9.10	823323	50.0	
(DEL) Alkane: Cyc...	8.55	117.1	ug/L	1928330	2	9.10	823323	50.0	
(DEL) Alkane: Cyc...	8.61	56.1	ug/L	923230	2	9.10	823323	50.0	
(DEL) Alkane: Str...	8.82	53.5	ug/L	881105	2	9.10	823323	50.0	
(DEL) Alkane: Str...	8.87	72.7	ug/L	1197430	2	9.10	823323	50.0	
(DEL) Alkane: Str...	8.91	234.4	ug/L	3860430	2	9.10	823323	50.0	
(DEL) Alkane: Str...	9.04	173.2	ug/L	2852590	2	9.10	823323	50.0	
(DEL) Alkane: Str...	9.45	342.5	ug/L	5640140	2	9.10	823323	50.0	
(DEL) Alkane: Cyc...	9.72	74.7	ug/L	1229140	2	9.10	823323	50.0	
(DEL) Alkane: Str...	9.96	114.1	ug/L	1879240	2	9.10	823323	50.0	
(DEL) Alkane: Cyc...	10.05	99.0	ug/L	1629440	2	9.10	823323	50.0	
(DEL) Alkane: Str...	10.09	49.8	ug/L	820661	2	9.10	823323	50.0	
(DEL) Alkane: Str...	10.26	48.0	ug/L	790235	2	9.10	823323	50.0	
(DEL) Alkane: Str...	10.33	31.6	ug/L	1379910	3	11.49	2183310	50.0	
(DEL) Alkane: Str...	10.36	29.7	ug/L	1298440	3	11.49	2183310	50.0	
(DEL) Alkane: Cyc...	10.50	14.0	ug/L	612392	3	11.49	2183310	50.0	
Benzene, propyl-	10.60	59.3	ug/L	2590420	3	11.49	2183310	50.0	
Benzene, 1-ethyl-...	10.69	227.5	ug/L	9935040	3	11.49	2183310	50.0	
Benzene, 1,2,3-tr...	10.78	116.3	ug/L	5077540	3	11.49	2183310	50.0	
(DEL) Alkane: Str...	10.82	169.1	ug/L	7383200	3	11.49	2183310	50.0	
(DEL) Alkane: Str...	11.12	36.0	ug/L	1573770	3	11.49	2183310	50.0	
Benzene, (2-methy...	11.30	36.7	ug/L	1601130	3	11.49	2183310	50.0	
unknown-01	11.34	43.3	ug/L	1890500	3	11.49	2183310	50.0	
(DEL) Alkane: Cyc...	11.40	36.3	ug/L	1585920	3	11.49	2183310	50.0	
p-Cymene	11.44	44.4	ug/L	1939480	3	11.49	2183310	50.0	
(DEL) Alkane: Str...	11.62	34.3	ug/L	1498650	3	11.49	2183310	50.0	
(DEL) Alkane: Cyc...	11.67	10.7	ug/L	468611	3	11.49	2183310	50.0	
(DEL) Alkane: Str...	11.71	37.8	ug/L	1650220	3	11.49	2183310	50.0	
Benzene, 1,2-diet...	11.79	162.0	ug/L	7072000	3	11.49	2183310	50.0	
Benzene, 1-methyl...	11.82	302.8	ug/L	13221600	3	11.49	2183310	50.0	
(DEL) Alkane: Str...	12.03	138.6	ug/L	6050260	3	11.49	2183310	50.0	
Benzene, 1-methyl...	12.06	159.5	ug/L	6963960	3	11.49	2183310	50.0	
Benzene, 2-ethyl-...	12.16	333.9	ug/L	14582200	3	11.49	2183310	50.0	
o-Cymene	12.19	328.0	ug/L	14322100	3	11.49	2183310	50.0	

Benzene, 1-ethyl-...	12.26	639.5 ug/L	27923000	3	11.49	2183310	50.0
Benzene, 1,3-diet...	12.50	78.9 ug/L	3443510	3	11.49	2183310	50.0
Benzene, 4-ethyl-...	12.56	219.2 ug/L	9571930	3	11.49	2183310	50.0
Benzene, 1,2,3,4-...	12.66	575.6 ug/L	25134000	3	11.49	2183310	50.0
Benzene, 1,2,4,5-...	12.71	731.9 ug/L	31958100	3	11.49	2183310	50.0
Benzene, 1-methyl...	12.79	119.2 ug/L	5203930	3	11.49	2183310	50.0
Benzene, 1,4-diet...	12.83	75.2 ug/L	3282500	3	11.49	2183310	50.0
1-Phenyl-1-butene	12.97	339.8 ug/L	14836500	3	11.49	2183310	50.0
unknown-02	13.04	91.5 ug/L	3994030	3	11.49	2183310	50.0
Naphthalene, 1,2,...	13.30	29.1 ug/L	1271900	3	11.49	2183310	50.0
Benzene, 1,3-dime...	13.41	37.0 ug/L	1616330	3	11.49	2183310	50.0
1H-Indene, 2,3-di...	13.46	14.4 ug/L	630932	3	11.49	2183310	50.0
Benzene, 1-ethyl-...	13.52	172.1 ug/L	7513350	3	11.49	2183310	50.0
Azulene	13.75	418.6 ug/L	18279300	3	11.49	2183310	50.0
Benzene, 2,4-dime...	13.79	13.0 ug/L	567228	3	11.49	2183310	50.0
6-Methyl-4-indanol	13.97	28.2 ug/L	1233220	3	11.49	2183310	50.0
1H-Indene, 2,3-di...	14.15	32.0 ug/L	1398850	3	11.49	2183310	50.0
Benzene, pentamet...	14.48	11.1 ug/L	486115	3	11.49	2183310	50.0
Naphthalene, 1-me...	14.88	23.8 ug/L	1040010	3	11.49	2183310	50.0