

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050618\
 Data File : VU023691.D
 Acq On : 06 May 2018 15:30
 Operator : MD/SY
 Sample : J2721-04DL 200X
 Misc : 5.36g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 11 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	1.089	135	155	178	rBV	1358952	1524533	100.00%	9.461%
2	1.182	180	184	191	rVB	8023	8100	0.53%	0.050%
3	1.397	245	251	267	rVB	173350	178465	11.71%	1.107%
4	1.680	331	339	357	rVB	131225	165138	10.83%	1.025%
5	2.272	512	523	536	rBV	294962	447979	29.38%	2.780%
6	2.613	625	629	639	rVB2	486	941	0.06%	0.006%
7	2.703	651	657	659	rBV2	628	639	0.04%	0.004%
8	2.838	690	699	711	rVB2	1311	2627	0.17%	0.016%
9	3.002	741	750	758	rBV4	1151	1840	0.12%	0.011%
10	3.307	835	845	857	rBV5	4117	8260	0.54%	0.051%
11	4.098	1080	1091	1102	rBV7	2799	6367	0.42%	0.040%
12	4.178	1102	1116	1144	rBV	122890	321350	21.08%	1.994%
13	4.384	1176	1180	1183	rBV4	390	398	0.03%	0.002%
14	4.651	1246	1263	1284	rBV	209474	493686	32.38%	3.064%
15	4.895	1329	1339	1344	rBV2	668	1289	0.08%	0.008%
16	4.992	1352	1369	1385	rBV2	69020	158371	10.39%	0.983%
17	5.082	1386	1397	1419	rVB3	21224	52801	3.46%	0.328%
18	5.223	1424	1441	1456	rBV2	110114	260068	17.06%	1.614%
19	5.342	1457	1478	1509	rVV2	441949	1324132	86.85%	8.217%
20	5.487	1513	1523	1535	rVV3	25582	58689	3.85%	0.364%
21	5.558	1539	1545	1556	rVV3	13868	27371	1.80%	0.170%
22	5.625	1557	1566	1583	rVB4	16158	34913	2.29%	0.217%
23	5.786	1599	1616	1635	rBV	181315	361354	23.70%	2.242%
24	5.889	1635	1648	1699	rVB	452063	933547	61.23%	5.793%
25	6.120	1715	1720	1730	rVB3	678	972	0.06%	0.006%
26	6.182	1730	1739	1745	rBV2	2109	3601	0.24%	0.022%
27	6.275	1757	1768	1773	rBV2	5005	8640	0.57%	0.054%
28	6.336	1774	1787	1801	rBV	287095	573450	37.61%	3.559%
29	6.535	1841	1849	1862	rVB3	12880	23886	1.57%	0.148%
30	6.645	1873	1883	1893	rVB3	6773	12894	0.85%	0.080%
31	6.735	1899	1911	1924	rVB6	8136	18332	1.20%	0.114%
32	6.863	1943	1951	1956	rBV4	877	1347	0.09%	0.008%
33	6.908	1956	1965	1982	rVB6	3920	9328	0.61%	0.058%
34	7.047	2002	2008	2010	rBV4	917	864	0.06%	0.005%

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

35	7.108	2018	2027	2036	rBV2	7081	12533	0.82%	0.078%
36	7.185	2042	2051	2056	rBV	25007	39941	2.62%	0.248%
37	7.230	2056	2065	2083	rVB	163958	293522	19.25%	1.821%
38	7.346	2093	2101	2124	rVB2	22697	51463	3.38%	0.319%
39	7.567	2148	2170	2182	rBV	612069	1089362	71.46%	6.760%
40	7.641	2183	2193	2210	rVB	427612	742415	48.70%	4.607%
41	7.854	2240	2259	2271	rBV2	105666	223521	14.66%	1.387%
42	8.050	2313	2320	2329	rVB4	3138	5001	0.33%	0.031%
43	8.230	2369	2376	2387	rVB3	1859	2707	0.18%	0.017%
44	8.313	2389	2402	2438	rBV	407803	716323	46.99%	4.445%
45	8.548	2465	2475	2484	rVB2	10322	17695	1.16%	0.110%
46	8.609	2486	2494	2504	rBV2	6075	9684	0.64%	0.060%
47	8.760	2533	2541	2547	rVB5	930	1007	0.07%	0.006%
48	8.815	2552	2558	2564	rBV3	3453	4979	0.33%	0.031%
49	8.915	2580	2589	2599	rVB3	7309	12577	0.82%	0.078%
50	9.037	2618	2627	2632	rBV4	5471	8351	0.55%	0.052%
51	9.091	2632	2644	2672	rVV	631483	1071486	70.28%	6.649%
52	9.255	2684	2695	2713	rVB	66605	107480	7.05%	0.667%
53	9.378	2719	2733	2748	rBV	226905	380559	24.96%	2.362%
54	9.448	2748	2755	2768	rVB2	14901	23134	1.52%	0.144%
55	9.722	2833	2840	2847	rBV5	2115	3309	0.22%	0.021%
56	9.783	2848	2859	2880	rVB	111710	181301	11.89%	1.125%
57	9.956	2902	2913	2924	rVB6	3829	6861	0.45%	0.043%
58	10.050	2933	2942	2949	rBV4	3904	5628	0.37%	0.035%
59	10.098	2951	2957	2964	rVB6	1334	1819	0.12%	0.011%
60	10.172	2969	2980	2992	rBV2	26761	40958	2.69%	0.254%
61	10.259	3001	3007	3011	rBV2	1195	1403	0.09%	0.009%
62	10.329	3018	3029	3033	rBV6	2278	3861	0.25%	0.024%
63	10.435	3049	3062	3078	rBV	406191	640549	42.02%	3.975%
64	10.593	3100	3111	3124	rBV	60373	93730	6.15%	0.582%
65	10.683	3128	3139	3158	rVV	134317	298399	19.57%	1.852%
66	10.776	3158	3168	3176	rVV	52926	84764	5.56%	0.526%
67	10.818	3176	3181	3191	rVB2	18784	25708	1.69%	0.160%
68	10.924	3207	3214	3220	rBV4	1223	1908	0.13%	0.012%
69	10.976	3220	3230	3250	rVB	50294	80514	5.28%	0.500%
70	11.152	3267	3285	3299	rBV	190346	298490	19.58%	1.852%
71	11.291	3317	3328	3329	rBV7	2285	2996	0.20%	0.019%

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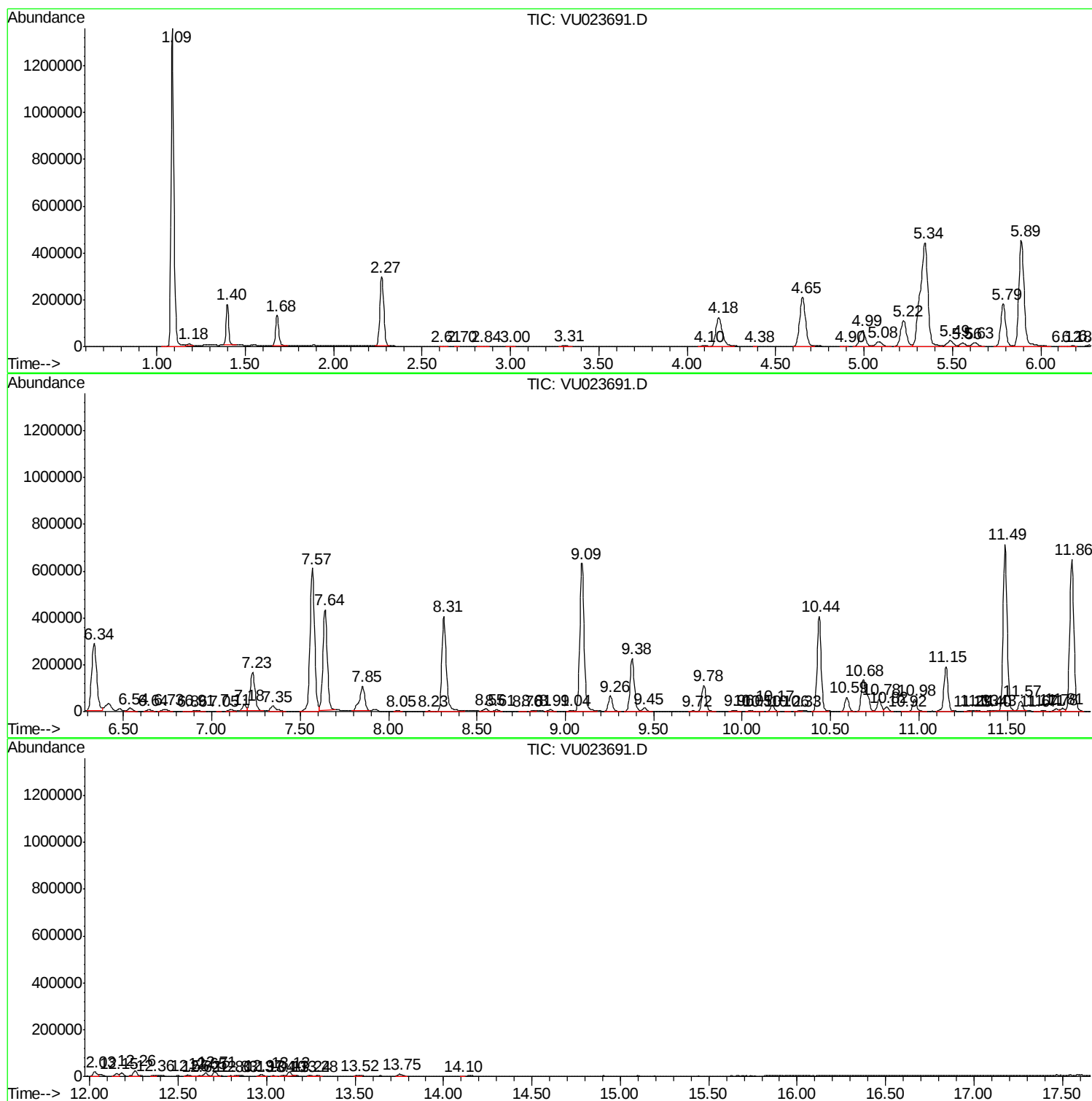
72	11.333	3336	3341	3353	rVB7	3247	4785	0.31%	0.030%
73	11.403	3354	3363	3365	rBV5	2828	4052	0.27%	0.025%
74	11.432	3368	3372	3377	rVB3	3512	3743	0.25%	0.023%
75	11.487	3377	3389	3407	rBV	712332	1120800	73.52%	6.955%
76	11.574	3407	3416	3426	rBV	40773	59950	3.93%	0.372%
77	11.667	3440	3445	3449	rBV4	971	1209	0.08%	0.008%
78	11.705	3450	3457	3465	rVB4	2921	4291	0.28%	0.027%
79	11.776	3469	3479	3484	rBV4	9512	16471	1.08%	0.102%
80	11.812	3486	3490	3495	rVV2	12663	16503	1.08%	0.102%
81	11.863	3495	3506	3526	rVB	649012	1062222	69.68%	6.592%
82	12.027	3549	3557	3564	rBV2	18313	26822	1.76%	0.166%
83	12.152	3587	3596	3600	rBV	11564	16981	1.11%	0.105%
84	12.255	3616	3628	3637	rBV	23547	35366	2.32%	0.219%
85	12.361	3654	3661	3666	rBV4	3782	6003	0.39%	0.037%
86	12.554	3714	3721	3733	rVB4	5351	8334	0.55%	0.052%
87	12.615	3733	3740	3744	rBV5	1475	2074	0.14%	0.013%
88	12.654	3744	3752	3760	rVV2	13117	19159	1.26%	0.119%
89	12.705	3760	3768	3778	rVV	18946	27052	1.77%	0.168%
90	12.795	3790	3796	3800	rBV4	1264	1411	0.09%	0.009%
91	12.831	3801	3807	3810	rBV5	1744	2002	0.13%	0.012%
92	12.969	3841	3850	3859	rVB4	6517	8738	0.57%	0.054%
93	13.040	3866	3872	3878	rBV5	1195	1524	0.10%	0.009%
94	13.101	3881	3891	3892	rBV4	1975	2952	0.19%	0.018%
95	13.127	3892	3899	3911	rVB4	16776	26028	1.71%	0.162%
96	13.242	3930	3935	3942	rVB4	2128	2631	0.17%	0.016%
97	13.284	3942	3948	3956	rBV6	1422	2031	0.13%	0.013%
98	13.516	4013	4020	4027	rBV5	2967	5075	0.33%	0.031%
99	13.750	4086	4093	4106	rVB	8559	13315	0.87%	0.083%
100	14.101	4199	4202	4207	rBV2	749	755	0.05%	0.005%

Sum of corrected areas: 16114389

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

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



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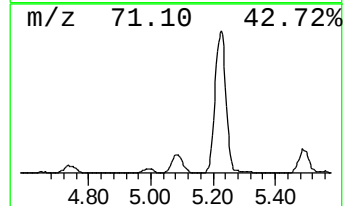
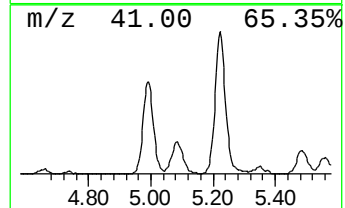
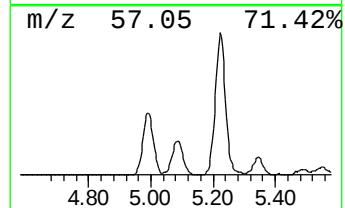
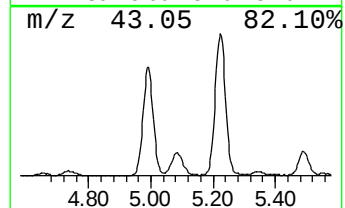
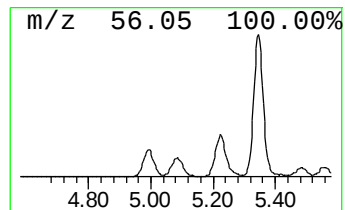
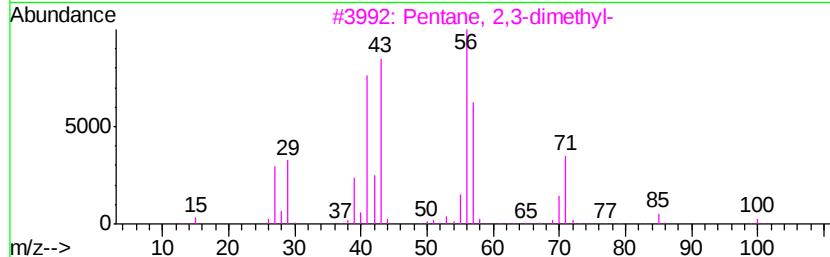
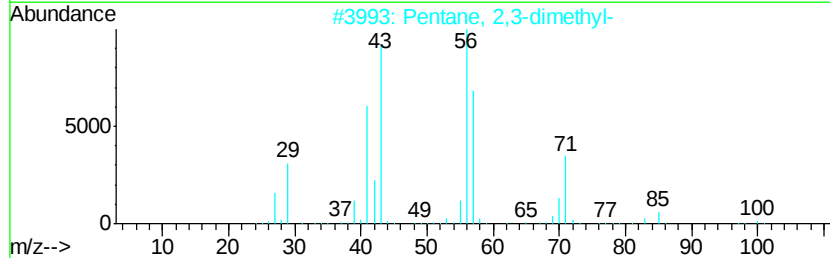
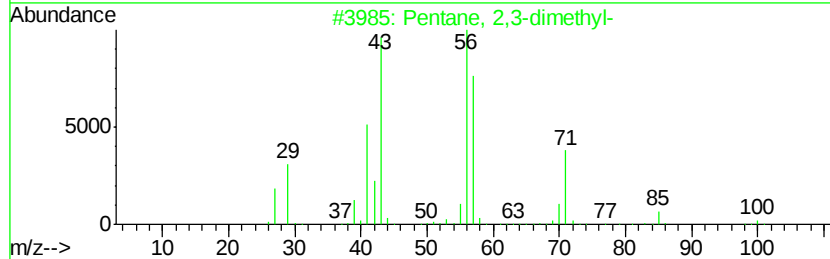
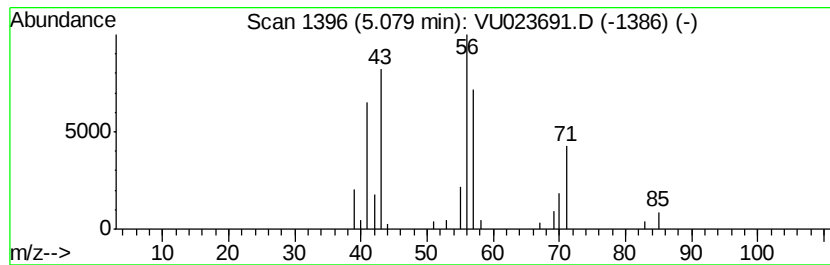
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	2.83 ug/L	52801	1,4-Difluorobenzene	5.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-			100	C7H16	000565-59-3	78
2	Pentane, 2,3-dimethyl-			100	C7H16	000565-59-3	72
3	Pentane, 2,3-dimethyl-			100	C7H16	000565-59-3	64
4	Pentane, 2,3-dimethyl-			100	C7H16	000565-59-3	64
5	Oxalic acid, isobutyl octyl ester			258	C14H26O4	1000309-37-3	37



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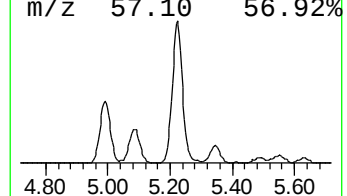
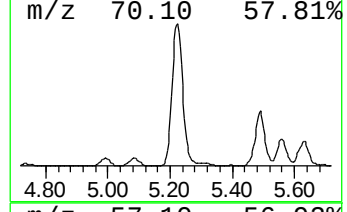
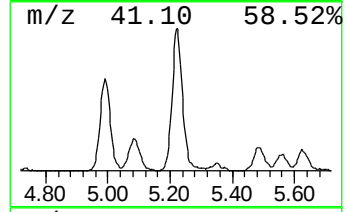
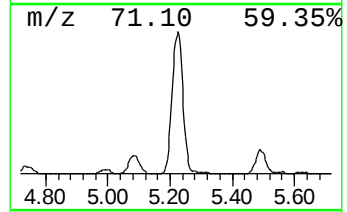
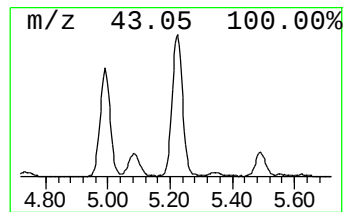
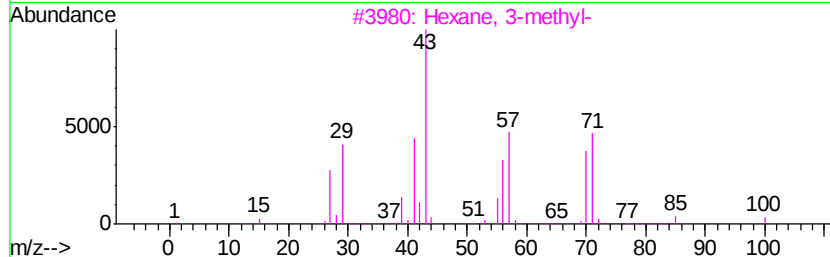
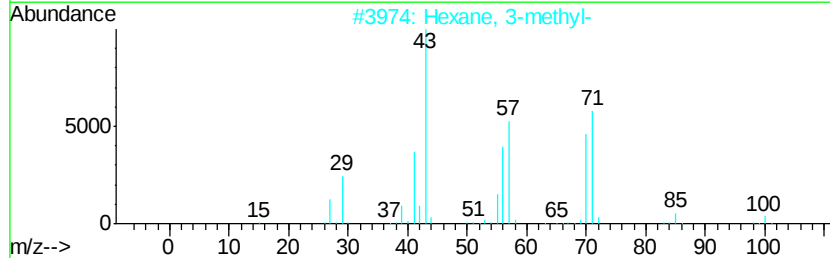
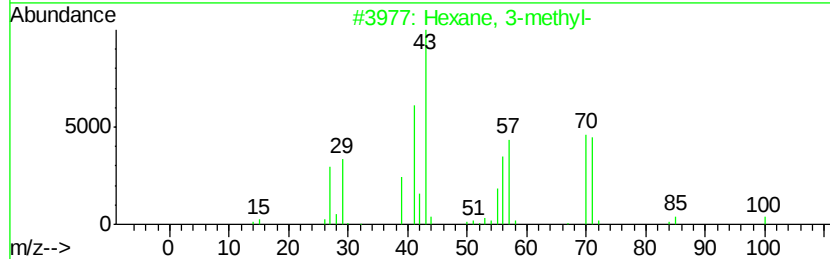
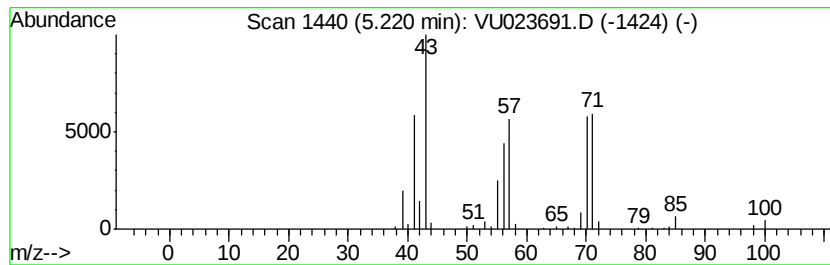
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	13.93 ug/L	260068	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	100	C7H16	000142-82-5	64



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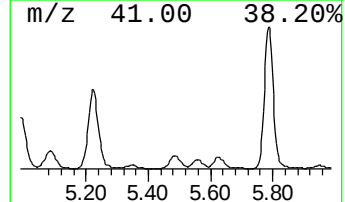
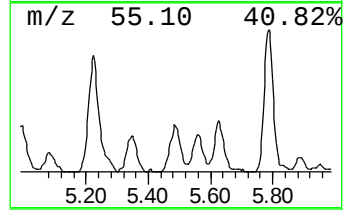
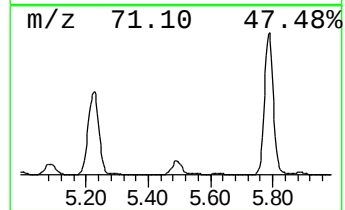
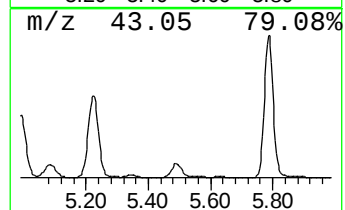
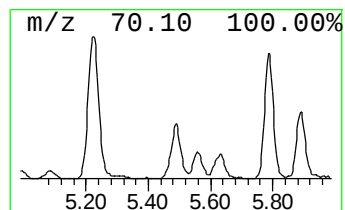
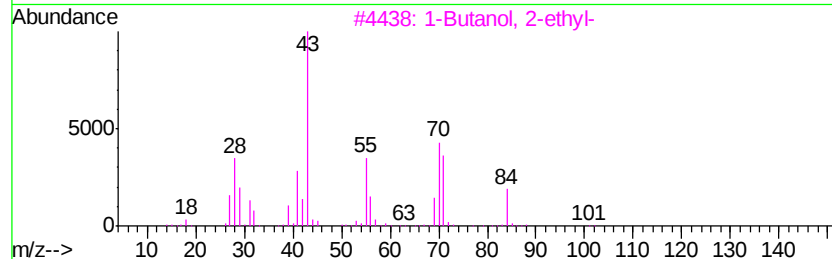
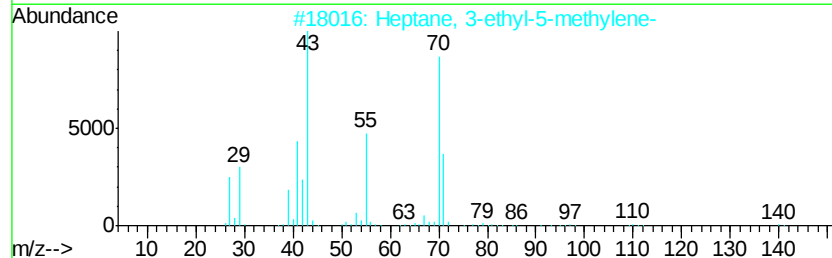
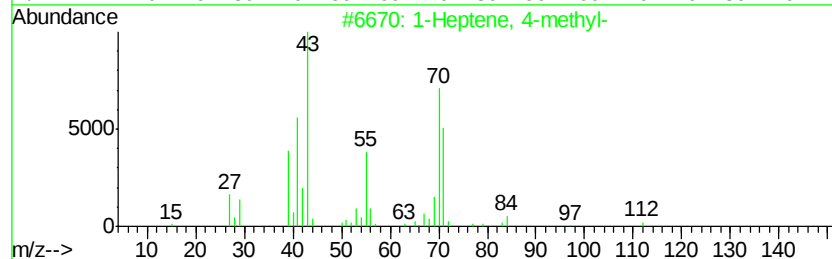
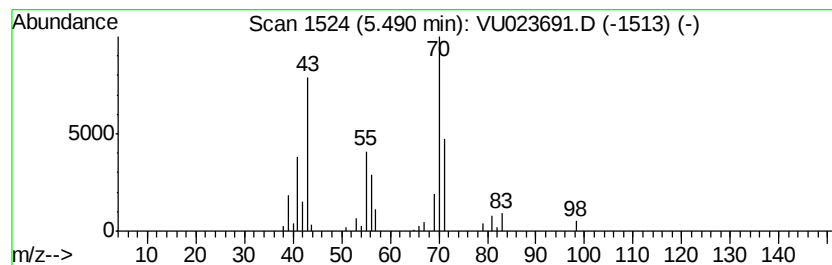
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Peak Number 4 (DEL) Alkane: Cyclic5.49 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.49	3.14 ug/L	58689	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptene, 4-methyl-	112	C8H16	013151-05-8	50
2		Heptane, 3-ethyl-5-methylene-	140	C10H20	1000160-41-7	50
3		1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	42
4		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	42
5		Hexanal, 3-methyl-	114	C7H14O	019269-28-4	36



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050618\
Data File : VU023691.D
Acq On : 06 May 2018 15:30
Operator : MD/SY
Sample : J2721-04DL 200X
Misc : 5.36g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

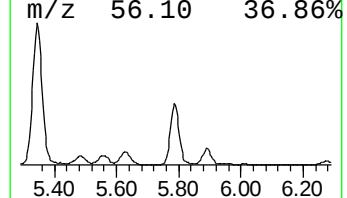
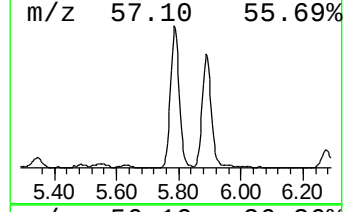
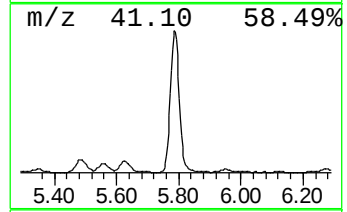
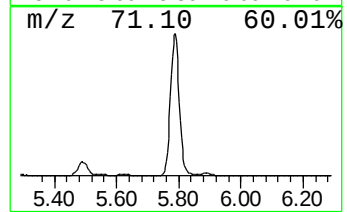
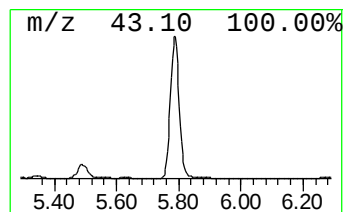
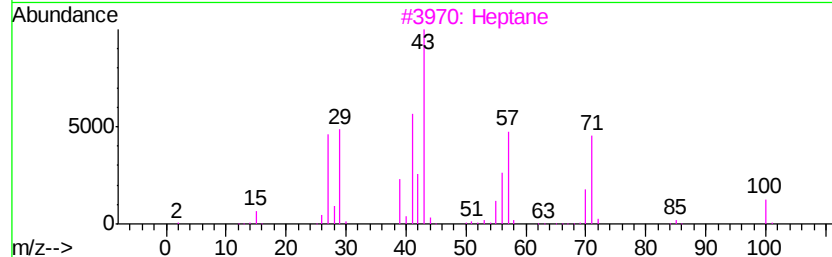
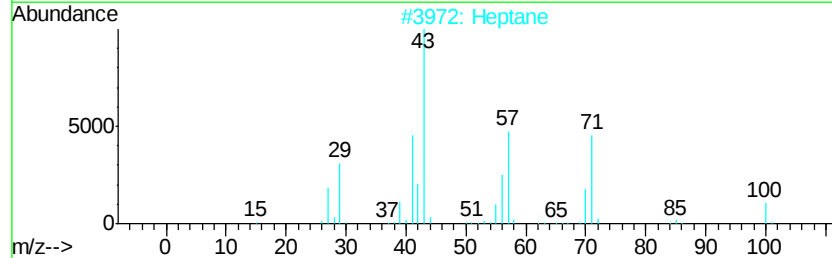
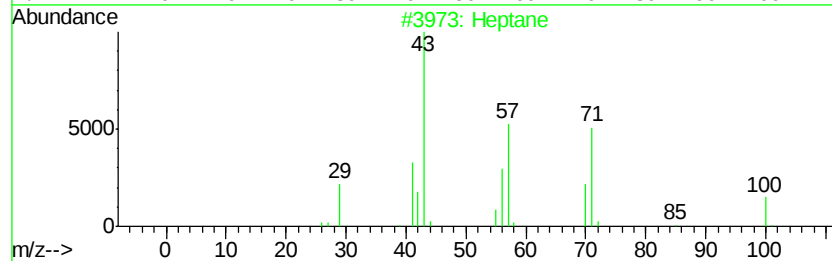
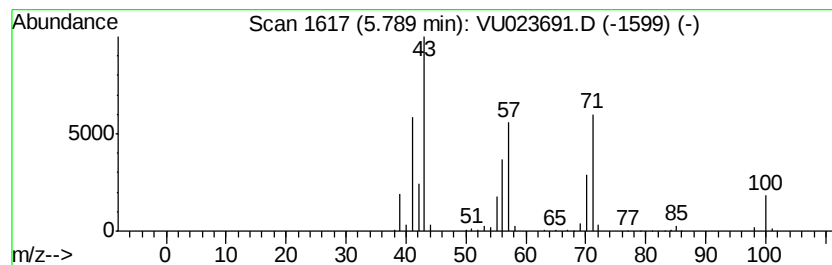
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	19.35 ug/L	361354	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	81
3		Heptane	100	C7H16	000142-82-5	64
4		Heptane	100	C7H16	000142-82-5	62
5		Hexane, 3-methyl-	100	C7H16	000589-34-4	53



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050618\
Data File : VU023691.D
Acq On : 06 May 2018 15:30
Operator : MD/SY
Sample : J2721-04DL 200X
Misc : 5.36u/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

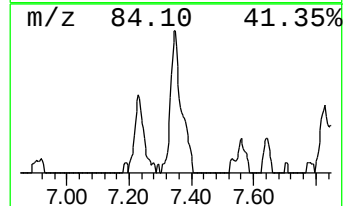
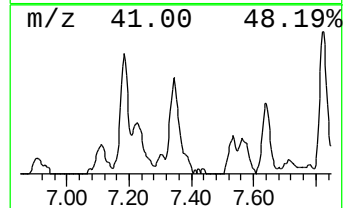
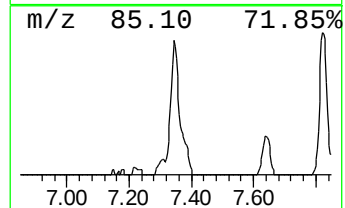
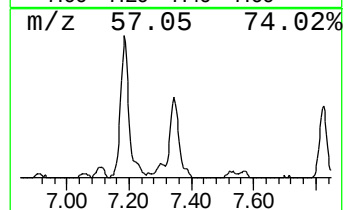
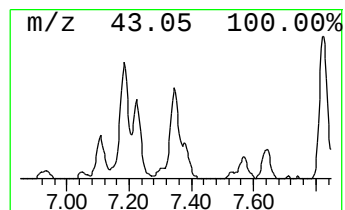
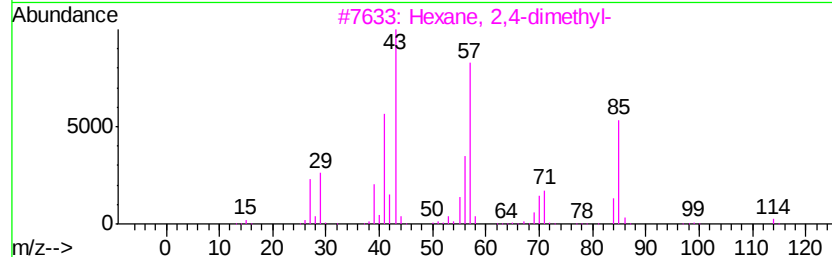
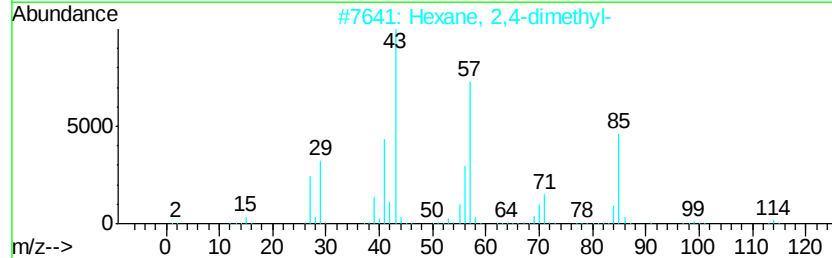
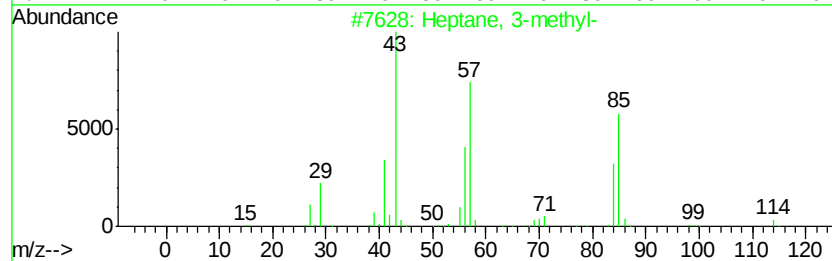
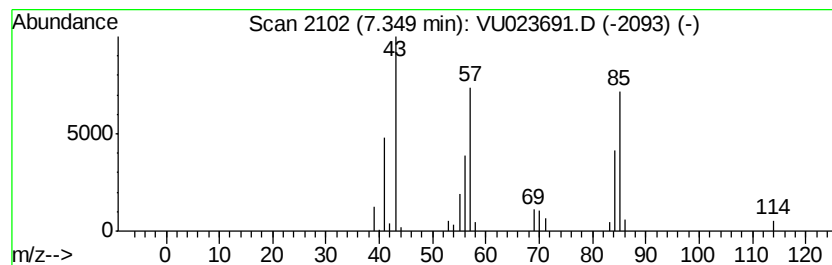
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	2.76 ug/L	51463	1,4-Difluorobenzene	5.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3-methyl-	114	C8H18	000589-81-1	90
2		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
3		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
4		2-Methylpentyl isovalerate	186	C11H22O2	1000236-38-7	64
5		Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	59



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050618\
Data File : VU023691.D
Acq On : 06 May 2018 15:30
Operator : MD/SY
Sample : J2721-04DL 200X
Misc : 5.36u/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

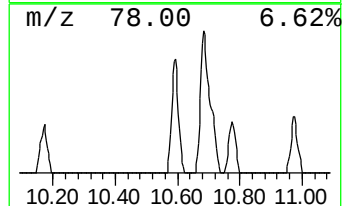
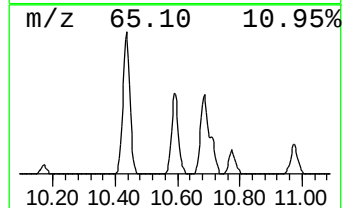
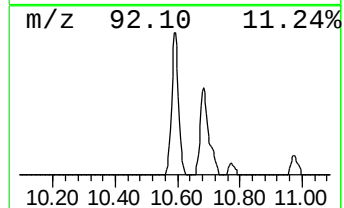
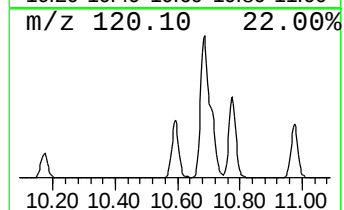
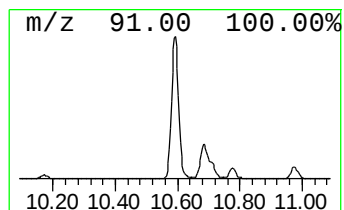
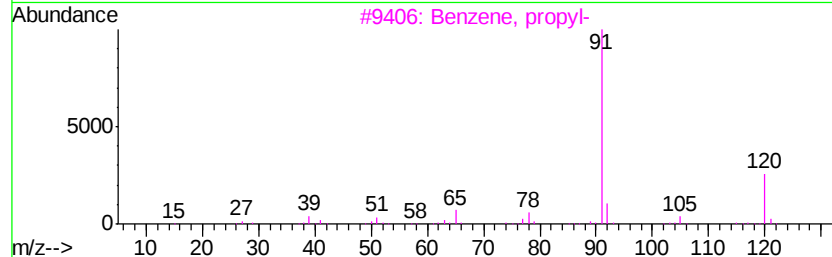
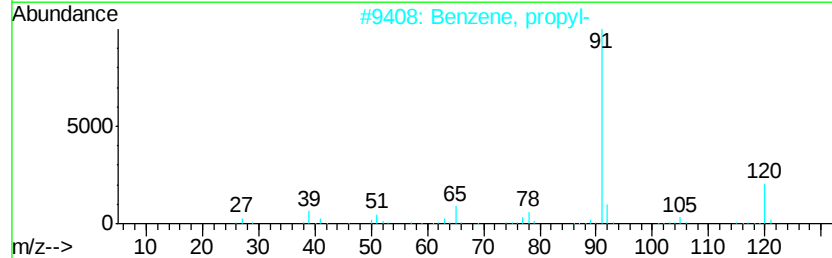
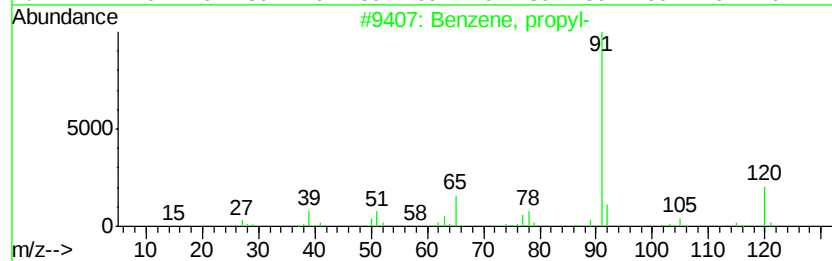
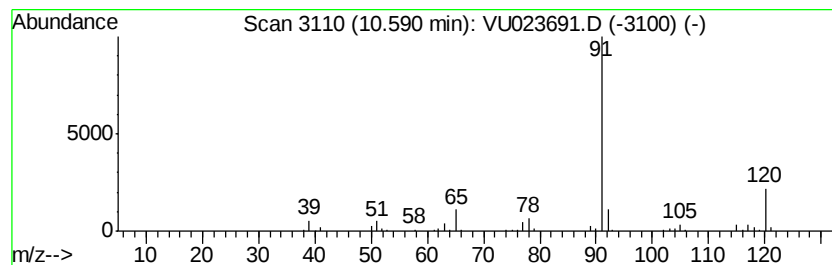
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Quant Title : VOC Analysis

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

Peak Number 8 Benzene, propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	4.18 ug/L	93730	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	87
3		Benzene, propyl-	120	C9H12	000103-65-1	80
4		1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72
5		Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050618\
Data File : VU023691.D
Acq On : 06 May 2018 15:30
Operator : MD/SY
Sample : J2721-04DL 200X
Misc : 5.36g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

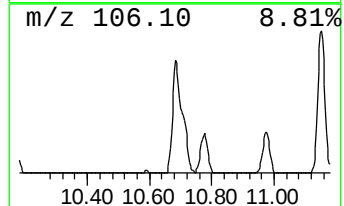
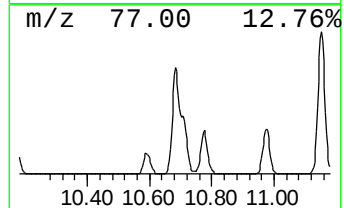
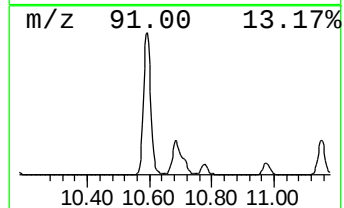
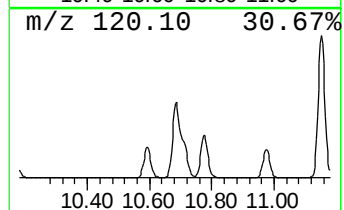
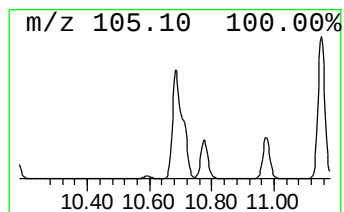
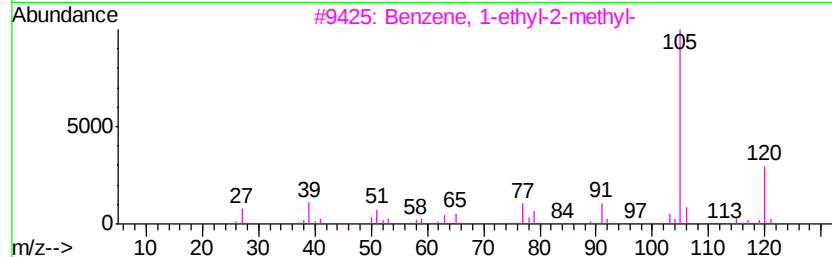
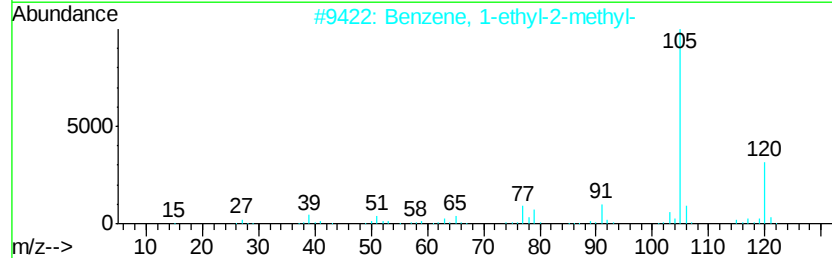
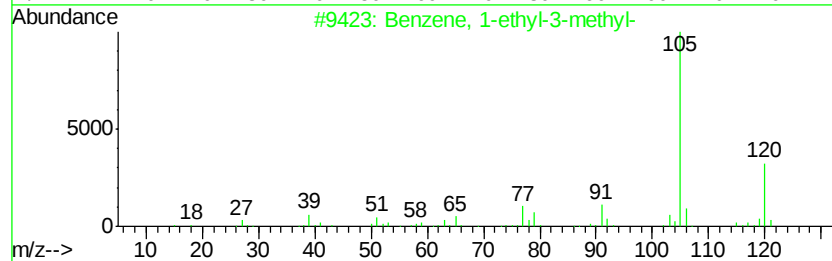
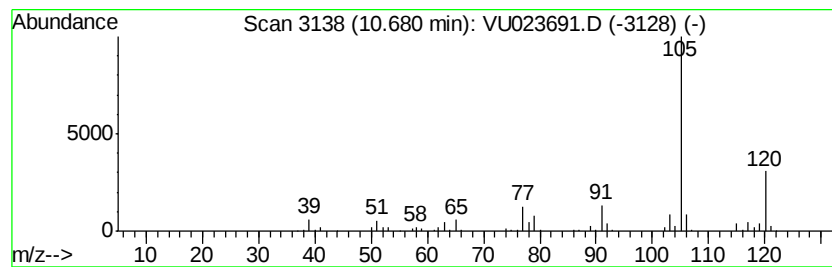
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Quant Title : VOC Analysis

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

Peak Number 9 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	13.31 ug/L	298399	1,4-Dichlorobenzene-d4	11.49

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



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050618\
Data File : VU023691.D
Acq On : 06 May 2018 15:30
Operator : MD/SY
Sample : J2721-04DL 200X
Misc : 5.36µ/5.0mL/100µl/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050618\
Data File : VU023691.D
Acq On : 06 May 2018 15:30
Operator : MD/SY
Sample : J2721-04DL 200X
Misc : 5.36g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

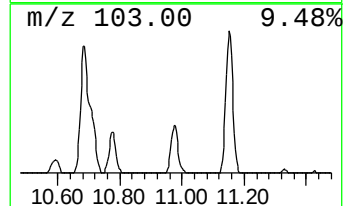
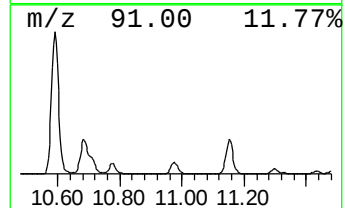
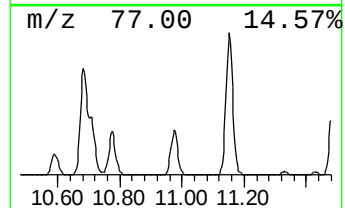
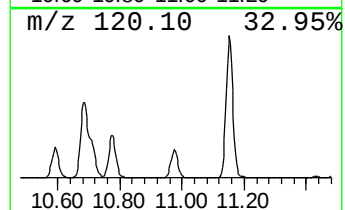
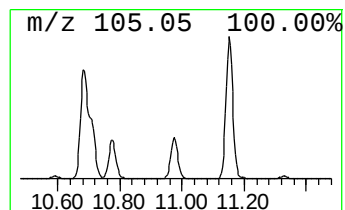
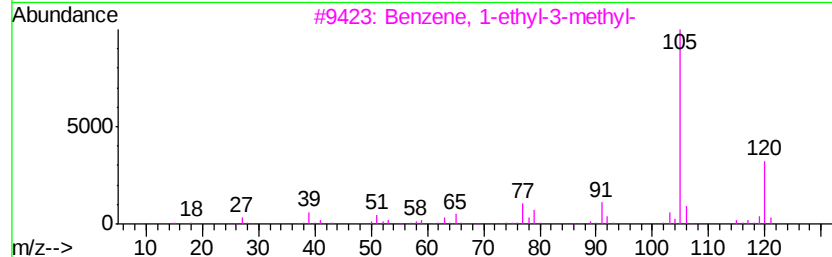
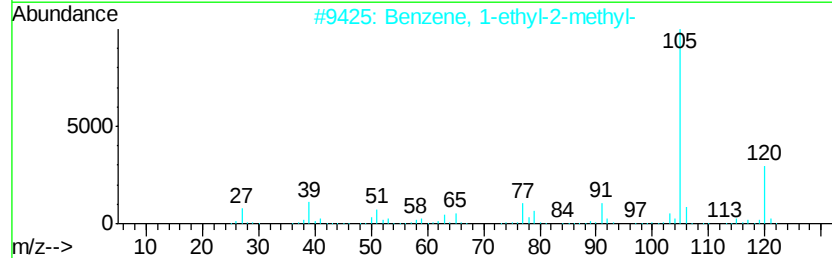
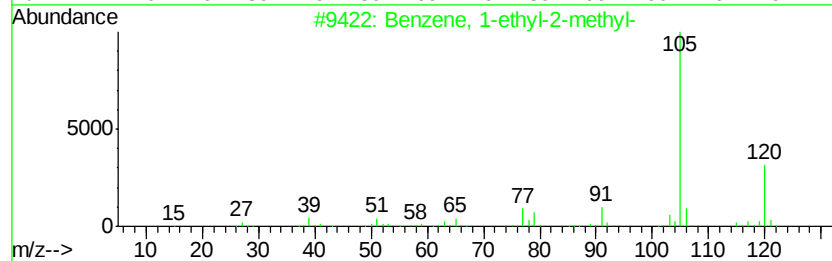
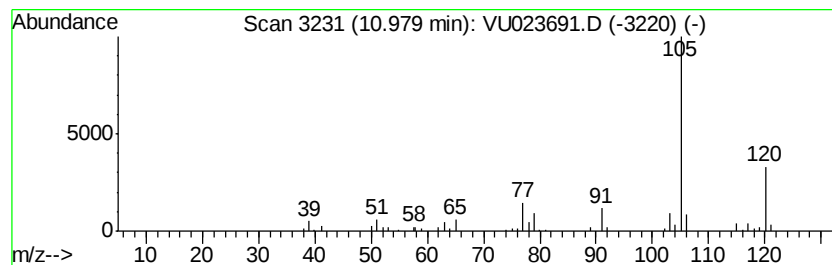
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Quant Title : VOC Analysis

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

Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	3.59 ug/L	80514	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-2-methyl-	120	C9H12	000611-14-3	94
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050618\
Data File : VU023691.D
Acq On : 06 May 2018 15:30
Operator : MD/SY
Sample : J2721-04DL 200X
Misc : 5.36g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

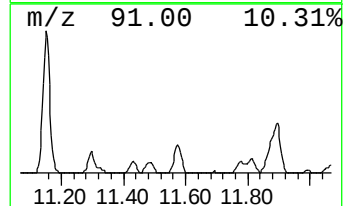
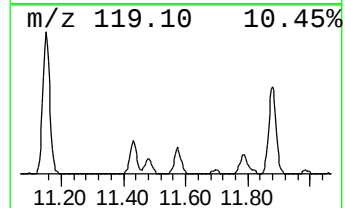
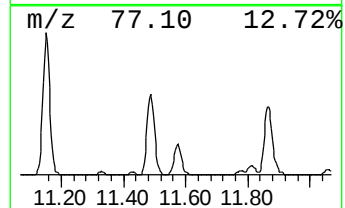
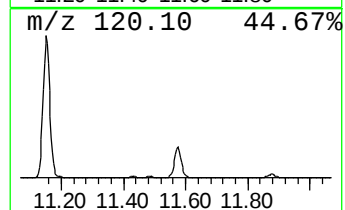
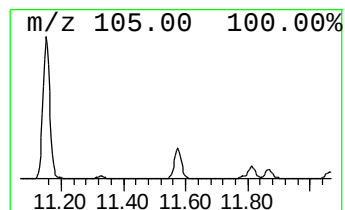
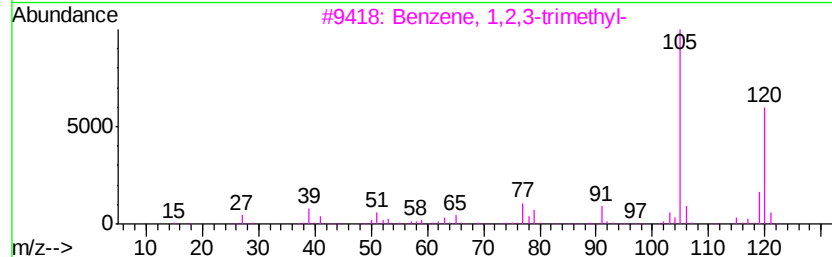
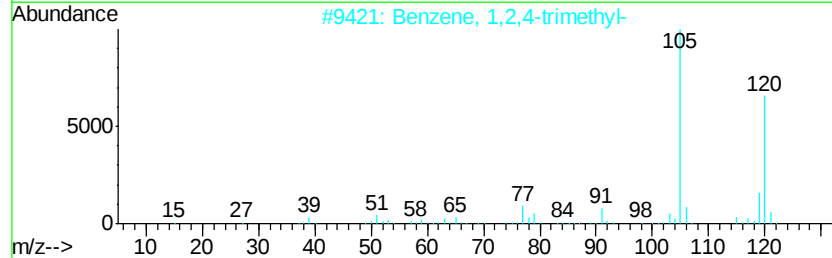
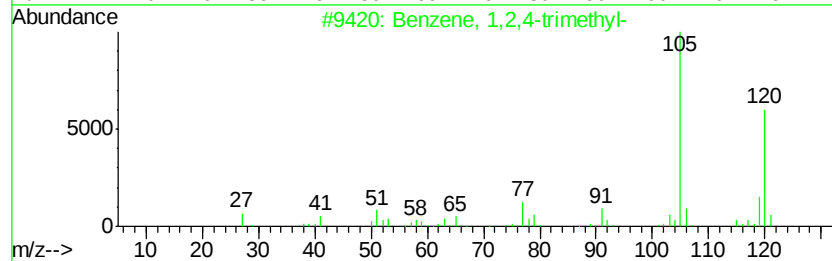
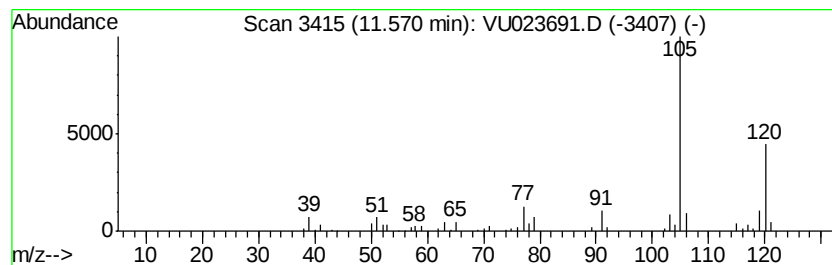
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Quant Title : VOC Analysis

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

Peak Number 13 Benzene, 1,2,4-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	2.67 ug/L	59950	1,4-Dichlorobenzene-d4	11.49

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



Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050618\
Data File : VU023691.D
Acq On : 06 May 2018 15:30
Operator : MD/SY
Sample : J2721-04DL 200X
Misc : 5.36g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	5.08	2.8	ug/L	52801	1	5.89	933547	50.0
(DEL) Alkane: Str...	5.22	13.9	ug/L	260068	1	5.89	933547	50.0
(DEL) Alkane: Cyc...	5.49	3.1	ug/L	58689	1	5.89	933547	50.0
(DEL) Alkane: Str...	5.79	19.4	ug/L	361354	1	5.89	933547	50.0
(DEL) Alkane: Str...	7.35	2.8	ug/L	51463	1	5.89	933547	50.0
Benzene, propyl-	10.59	4.2	ug/L	93730	3	11.49	1120800	50.0
Benzene, 1-ethyl-...	10.68	13.3	ug/L	298399	3	11.49	1120800	50.0
Benzene, 1,2,3-tr...	10.78	3.8	ug/L	84764	3	11.49	1120800	50.0
Benzene, 1-ethyl-...	10.98	3.6	ug/L	80514	3	11.49	1120800	50.0
Benzene, 1,2,4-tr...	11.57	2.7	ug/L	59950	3	11.49	1120800	50.0