

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101919\
 Data File : VU035314.D
 Acq On : 19 Oct 2019 13:27
 Operator : JC/SP
 Sample : K5344-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF6L3

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 : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.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	1.613	76	85	97	rBV	412965	473909	2.32%	0.204%
2	1.932	175	184	200	rVV	320507	428869	2.10%	0.185%
3	2.594	376	390	402	rBV	599947	1001187	4.89%	0.431%
4	2.668	402	413	441	rVV	1382621	2350067	11.48%	1.011%
5	2.809	445	457	485	rVB	467858	868685	4.24%	0.374%
6	3.083	528	542	563	rBV2	249832	589668	2.88%	0.254%
7	4.697	1026	1044	1059	rBV2	416244	1160327	5.67%	0.499%
8	4.774	1060	1068	1089	rVB	208312	452020	2.21%	0.195%
9	5.118	1162	1175	1200	rVV2	591402	1522497	7.44%	0.655%
10	5.414	1253	1267	1283	rBV5	156589	396566	1.94%	0.171%
11	5.632	1319	1335	1358	rBV2	171294	392870	1.92%	0.169%
12	5.771	1358	1378	1388	rBV2	1052378	2761626	13.49%	1.188%
13	5.941	1420	1431	1447	rVV	297838	711051	3.47%	0.306%
14	6.173	1488	1503	1514	rBV	296023	562440	2.75%	0.242%
15	6.292	1526	1540	1562	rBV	855407	1718460	8.40%	0.739%
16	6.735	1662	1678	1688	rBV	637126	1273341	6.22%	0.548%
17	6.800	1689	1698	1707	rVV	263185	494958	2.42%	0.213%
18	7.288	1836	1850	1865	rVB2	238539	531736	2.60%	0.229%
19	7.417	1879	1890	1898	rBV3	224817	456926	2.23%	0.197%
20	7.533	1915	1926	1933	rBV	385650	657438	3.21%	0.283%
21	7.603	1942	1948	1959	rVB	350701	582897	2.85%	0.251%
22	7.690	1966	1975	1984	rBV	312616	485332	2.37%	0.209%
23	7.845	2000	2023	2042	rBV	11478135	20466802	100.00%	8.807%
24	7.935	2043	2051	2062	rVV	1353972	2329962	11.38%	1.003%
25	8.005	2062	2073	2085	rVV	3921815	6441179	31.47%	2.772%
26	8.160	2108	2121	2131	rBV	674597	1107905	5.41%	0.477%
27	8.214	2131	2138	2145	rVV	228151	348824	1.70%	0.150%
28	8.279	2146	2158	2186	rVV	5607588	9912451	48.43%	4.265%
29	8.681	2268	2283	2294	rBV2	1179467	2277156	11.13%	0.980%
30	8.787	2307	2316	2323	rBV2	236824	425092	2.08%	0.183%
31	8.954	2359	2368	2378	rBV	257288	467804	2.29%	0.201%
32	9.198	2436	2444	2449	rVV3	284798	497365	2.43%	0.214%
33	9.240	2449	2457	2469	rVB2	911157	1524438	7.45%	0.656%
34	9.362	2484	2495	2507	rBV	825170	1341408	6.55%	0.577%

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 Title : VOC Analysis

35	9.449	2511	2522	2535	rBV	1163094	2044259	9.99%	0.880%
36	9.600	2557	2569	2579	rBV	1193681	2033366	9.93%	0.875%
37	9.722	2594	2607	2615	rBV	4371787	7640786	37.33%	3.288%
38	9.771	2616	2622	2645	rVB	2509694	4436198	21.68%	1.909%
39	10.047	2698	2708	2721	rBV6	613264	1458317	7.13%	0.628%
40	10.131	2724	2734	2751	rVV	2766054	4823845	23.57%	2.076%
41	10.275	2762	2779	2792	rBV4	1214846	2655953	12.98%	1.143%
42	10.381	2804	2812	2819	rBV4	823153	1389195	6.79%	0.598%
43	10.500	2839	2849	2860	rVB4	262120	618600	3.02%	0.266%
44	10.581	2861	2874	2882	rBV4	728472	1545227	7.55%	0.665%
45	10.648	2884	2895	2899	rVV2	1030331	1840421	8.99%	0.792%
46	10.677	2900	2904	2914	rVB	1035624	1410762	6.89%	0.607%
47	10.783	2928	2937	2946	rBV3	1791778	2875851	14.05%	1.237%
48	10.835	2947	2953	2974	rVB6	642091	1233437	6.03%	0.531%
49	10.931	2975	2983	2991	rBV	569518	879456	4.30%	0.378%
50	10.980	2992	2998	3003	rVV4	282675	447880	2.19%	0.193%
51	11.025	3003	3012	3026	rVV	2693876	6186939	30.23%	2.662%
52	11.140	3027	3048	3063	rVB3	6588888	14659811	71.63%	6.308%
53	11.269	3081	3088	3094	rBV2	306704	407868	1.99%	0.176%
54	11.324	3094	3105	3121	rBV2	1373720	3014365	14.73%	1.297%
55	11.401	3122	3129	3134	rBV4	359685	513378	2.51%	0.221%
56	11.439	3134	3141	3149	rVB	1204340	1602751	7.83%	0.690%
57	11.497	3149	3159	3182	rVB	6949865	11660704	56.97%	5.018%
58	11.603	3183	3192	3199	rBV4	619362	1214781	5.94%	0.523%
59	11.668	3207	3212	3223	rVB9	542413	980657	4.79%	0.422%
60	11.735	3225	3233	3240	rBV2	1013594	1580921	7.72%	0.680%
61	11.844	3257	3267	3277	rVB3	1440700	2765545	13.51%	1.190%
62	11.925	3278	3292	3304	rVB2	2526301	4804149	23.47%	2.067%
63	12.025	3318	3323	3337	rVB4	746692	1041046	5.09%	0.448%
64	12.124	3339	3354	3358	rBV3	1601398	2995183	14.63%	1.289%
65	12.217	3371	3383	3399	rVB5	4401658	9147875	44.70%	3.936%
66	12.349	3414	3424	3434	rVB	4268702	6153936	30.07%	2.648%
67	12.404	3434	3441	3456	rVB3	1009110	1994608	9.75%	0.858%
68	12.491	3459	3468	3472	rBV	1265130	1872364	9.15%	0.806%
69	12.523	3473	3478	3487	rVB	1227871	1614330	7.89%	0.695%
70	12.597	3493	3501	3509	rVB	1716892	2395561	11.70%	1.031%
71	12.709	3526	3536	3556	rVB5	866836	2764166	13.51%	1.189%

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72	12.954	3604	3612	3617	rBV4	665744	1181829	5.77%	0.509%
73	12.996	3619	3625	3633	rVV	1509825	2233813	10.91%	0.961%
74	13.050	3634	3642	3658	rVB	2264586	4428111	21.64%	1.905%
75	13.131	3660	3667	3670	rBV	516575	678006	3.31%	0.292%
76	13.192	3682	3686	3693	rVB	559502	650988	3.18%	0.280%
77	13.314	3716	3724	3735	rVB3	1484865	2570097	12.56%	1.106%
78	13.375	3736	3743	3751	rBV2	577672	818290	4.00%	0.352%
79	13.452	3752	3767	3769	rBV4	1790546	2865593	14.00%	1.233%
80	13.481	3771	3776	3789	rVB4	2685566	4361738	21.31%	1.877%
81	13.584	3802	3808	3813	rBV	492331	628259	3.07%	0.270%
82	13.648	3822	3828	3852	rVB9	862879	2277063	11.13%	0.980%
83	13.758	3853	3862	3870	rBV3	587630	1113634	5.44%	0.479%
84	13.809	3871	3878	3885	rVV	666902	973078	4.75%	0.419%
85	13.860	3886	3894	3909	rVV5	1124981	2372730	11.59%	1.021%
86	13.970	3922	3928	3941	rVB2	674118	1494322	7.30%	0.643%
87	14.111	3963	3972	3990	rVB	3549274	6056099	29.59%	2.606%
88	14.311	4027	4034	4047	rVB6	424816	895307	4.37%	0.385%
89	14.468	4078	4083	4089	rBV	356479	452942	2.21%	0.195%
90	14.510	4089	4096	4115	rVB2	838450	1508482	7.37%	0.649%
91	14.629	4128	4133	4141	rVB2	239841	330705	1.62%	0.142%
92	14.693	4143	4153	4166	rBV4	931034	1899659	9.28%	0.817%
93	14.835	4189	4197	4210	rBV	425759	745475	3.64%	0.321%
94	14.902	4211	4218	4228	rVB2	627002	971062	4.74%	0.418%
95	14.963	4232	4237	4252	rVB5	186495	383973	1.88%	0.165%
96	15.044	4254	4262	4273	rBV5	261439	552571	2.70%	0.238%
97	15.246	4312	4325	4336	rVB	2124443	3384447	16.54%	1.456%
98	15.433	4373	4383	4395	rVB	1302797	2152612	10.52%	0.926%
99	16.285	4641	4648	4666	rVB	183664	330064	1.61%	0.142%
100	16.433	4685	4694	4700	rBV	240972	371338	1.81%	0.160%

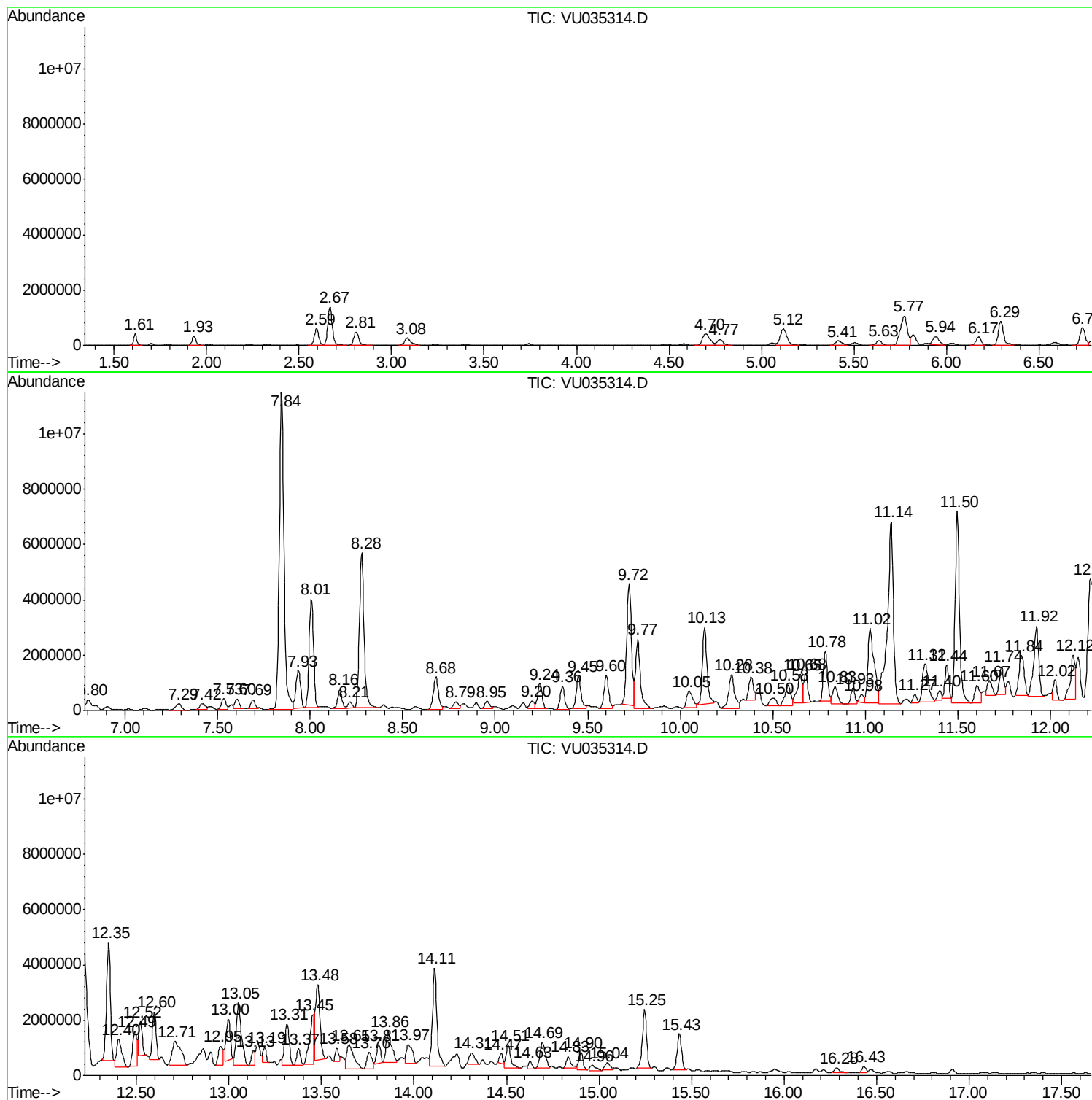
Sum of corrected areas: 232400034

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Instrument :
MSVOA_U
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis

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



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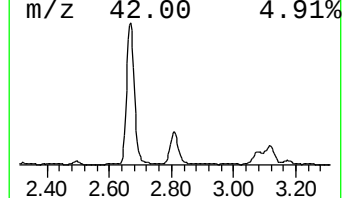
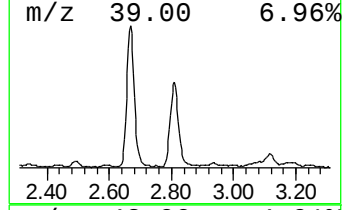
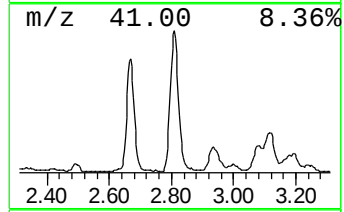
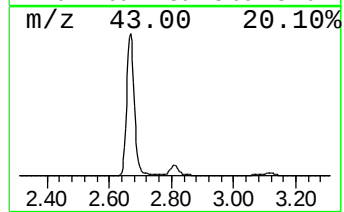
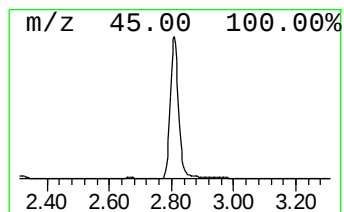
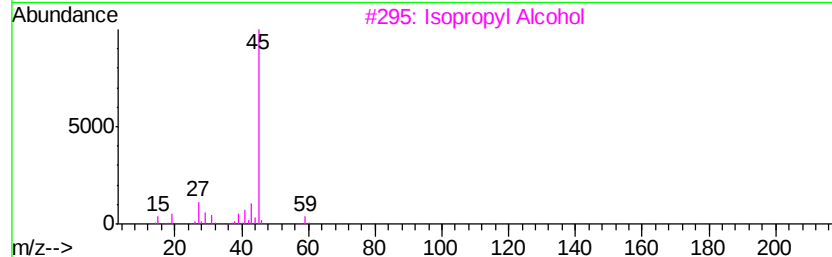
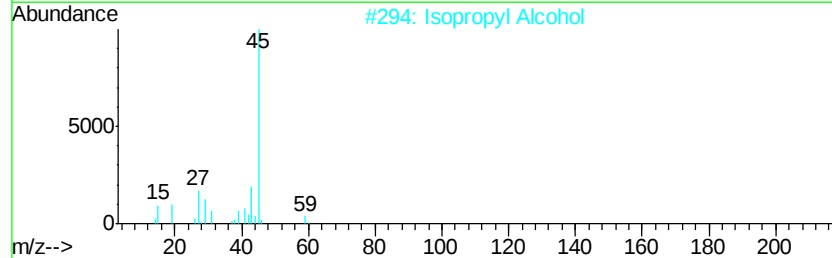
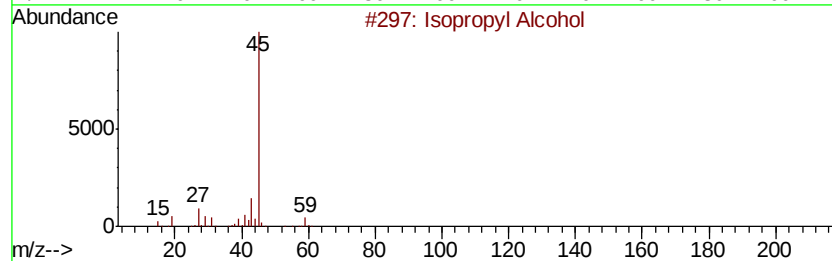
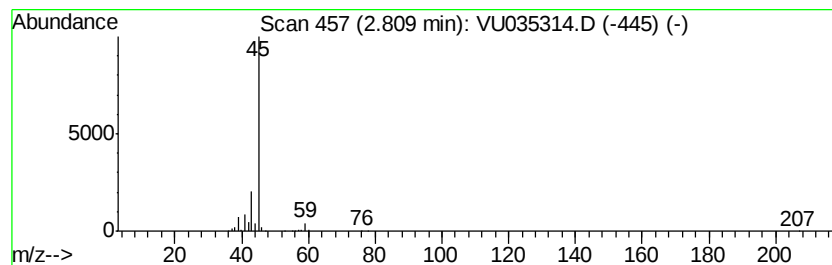
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Isopropyl Alcohol Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.81	25.28 ug/L	868685	1,4-Difluorobenzene	6.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2		Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3		Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4		Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
5		Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9



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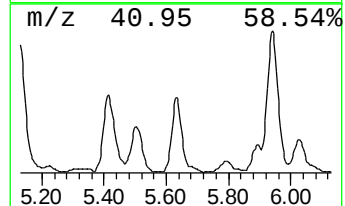
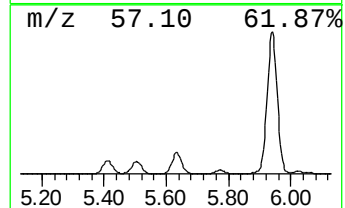
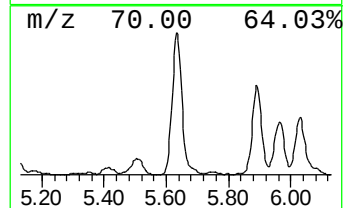
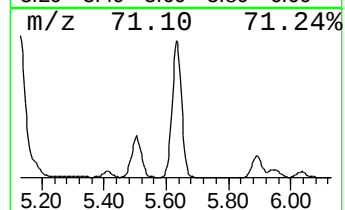
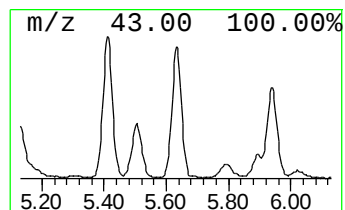
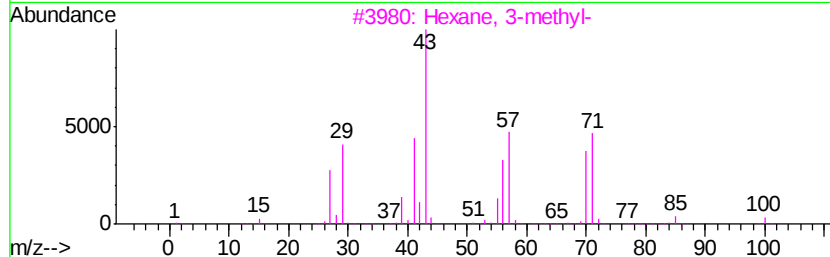
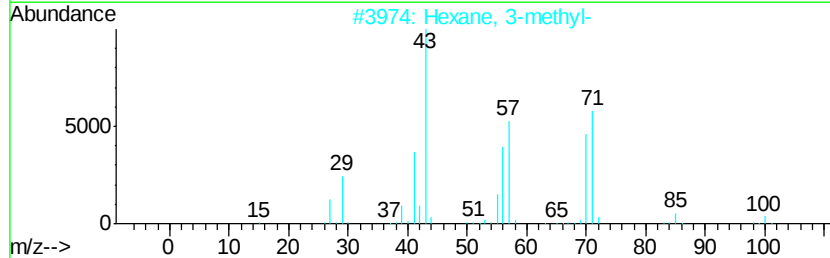
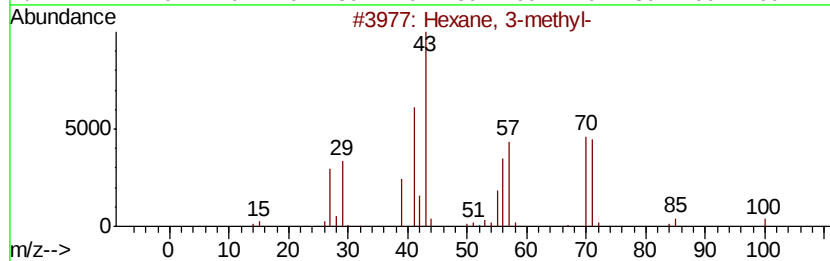
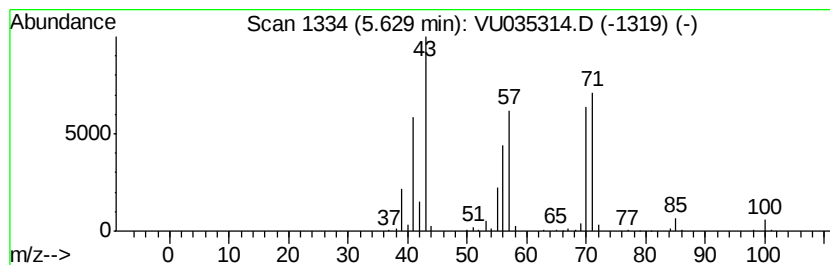
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Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.63	11.43 ug/L	392870	1,4-Difluorobenzene	6.29

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	72



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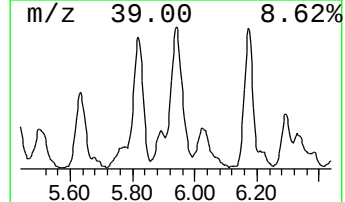
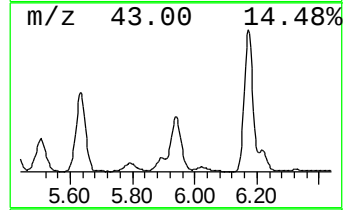
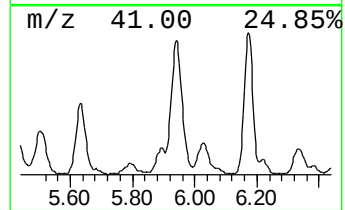
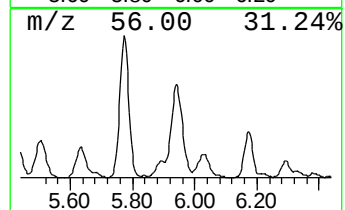
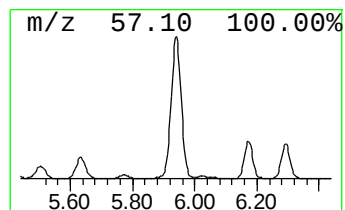
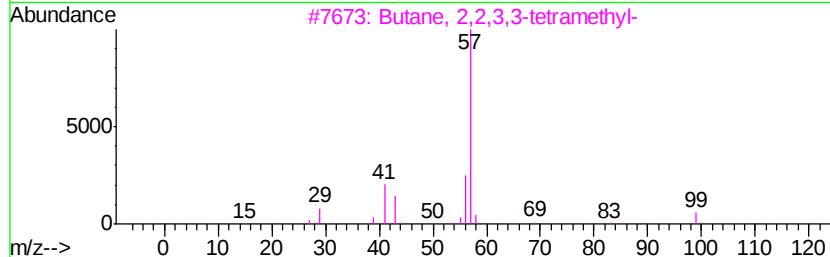
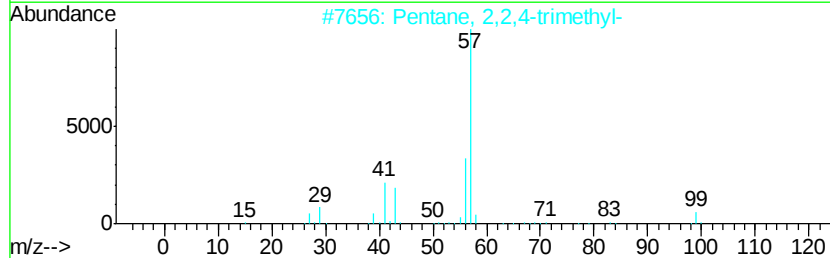
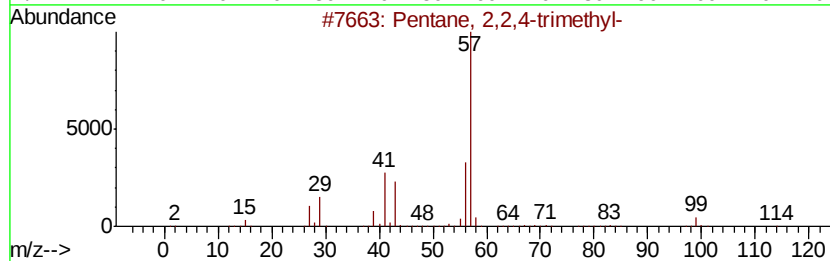
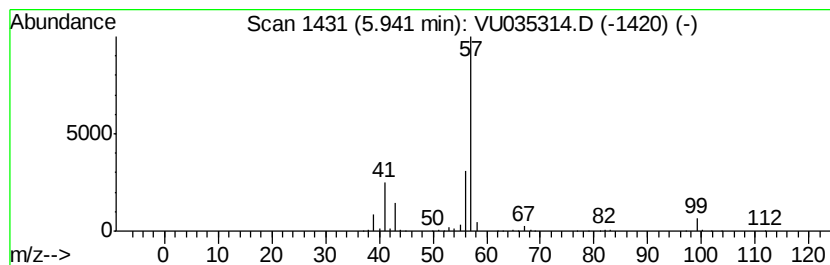
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	20.69 ug/L	711051	1,4-Difluorobenzene	6.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
2		Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
3		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
4		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
5		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	56



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
BF6L3

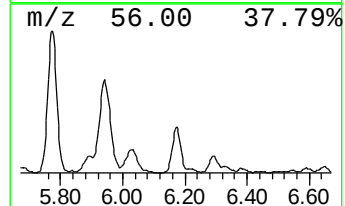
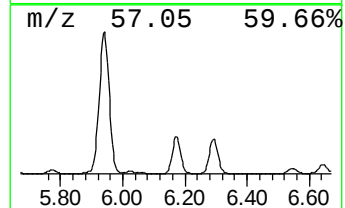
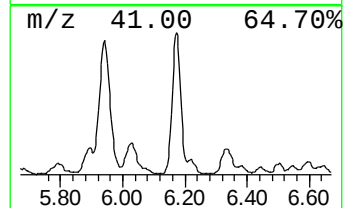
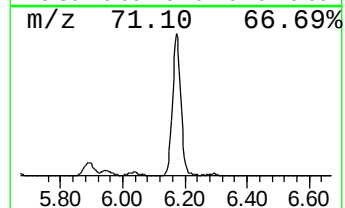
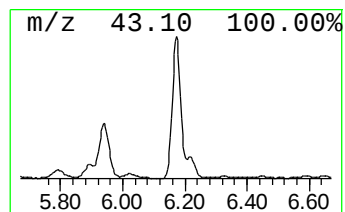
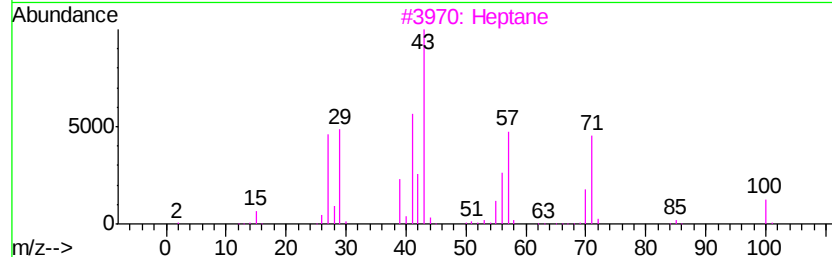
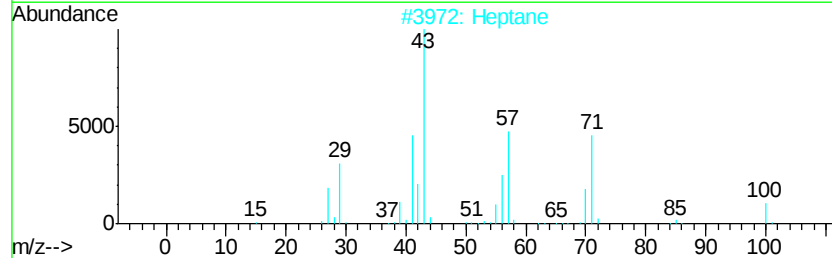
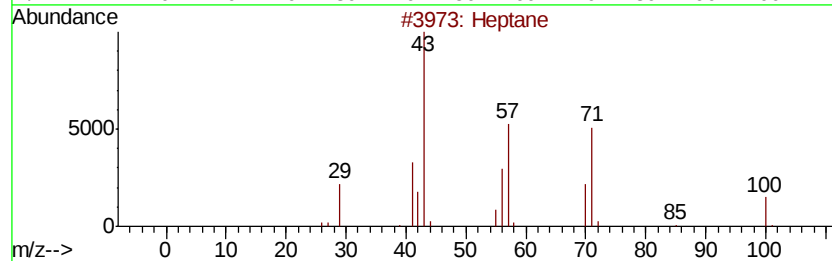
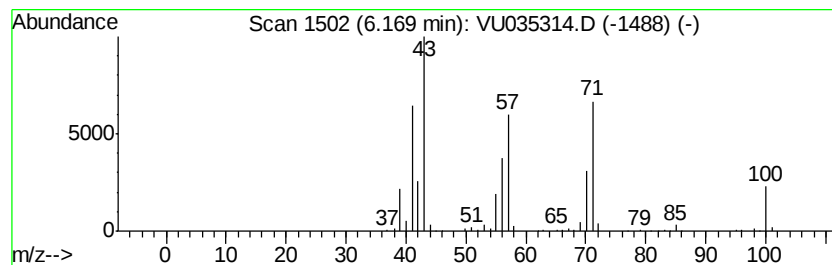
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	16.36 ug/L	562440	1,4-Difluorobenzene	6.29

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	78
4		Heptane	100	C7H16	000142-82-5	58
5		Hexane, 3-methyl-	100	C7H16	000589-34-4	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

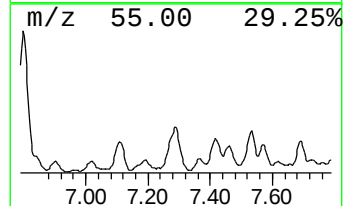
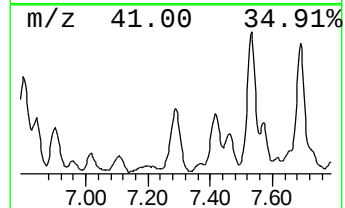
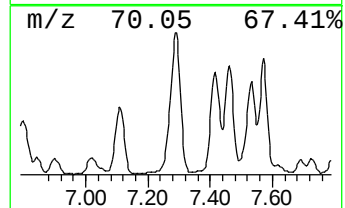
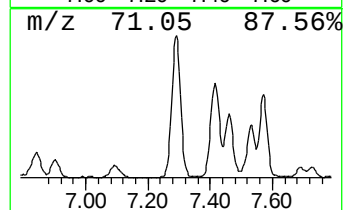
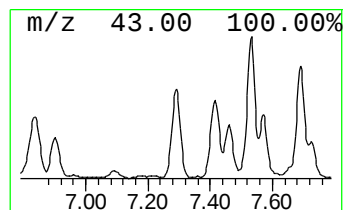
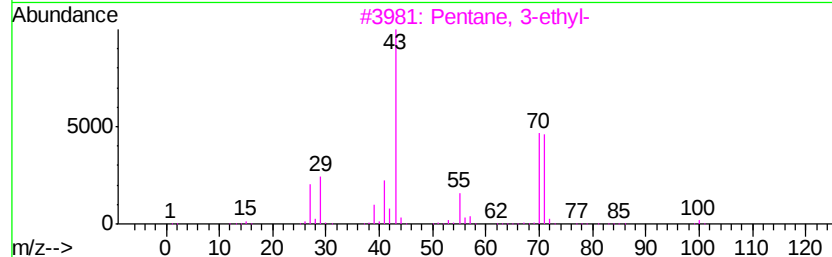
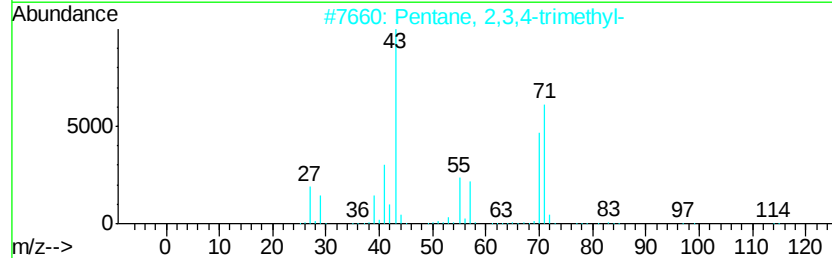
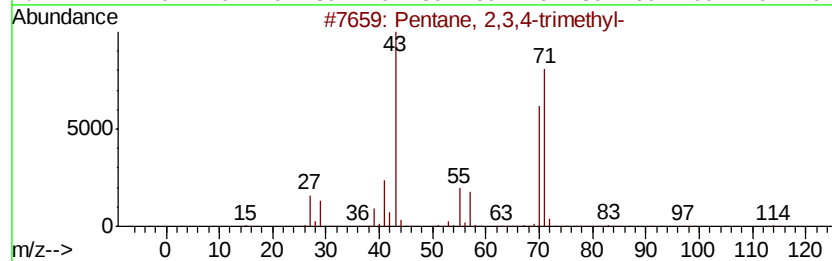
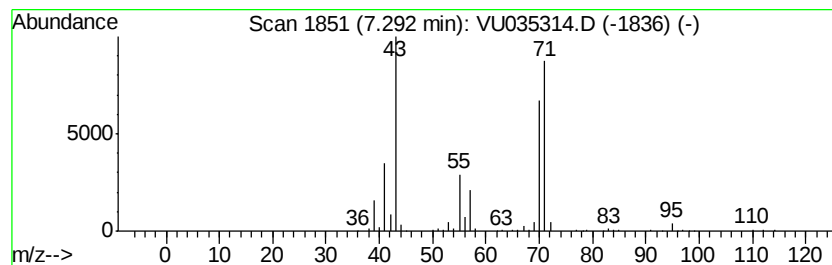
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	15.47 ug/L	531736	1,4-Difluorobenzene	6.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	86
2		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	78
3		Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
4		Propan-1,3-dioic acid, di[3-meth...	244	C13H24O4	064617-96-5	72
5		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

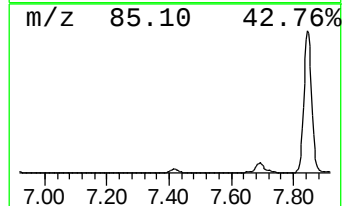
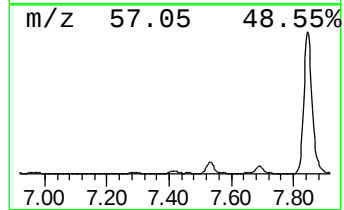
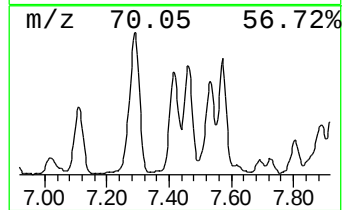
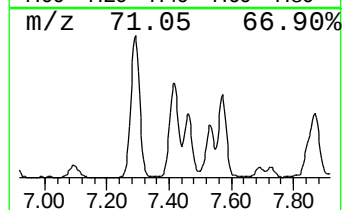
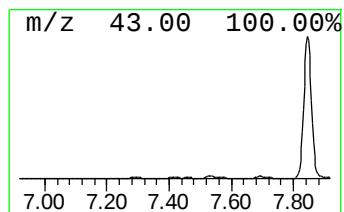
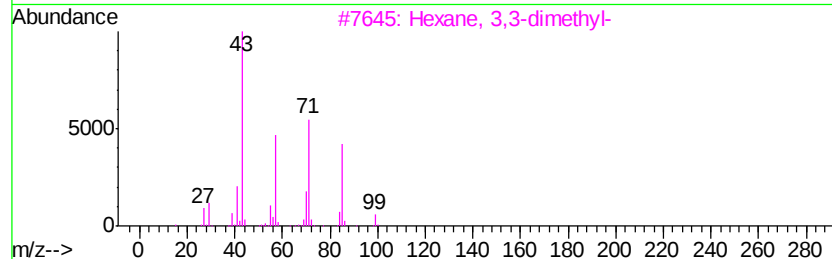
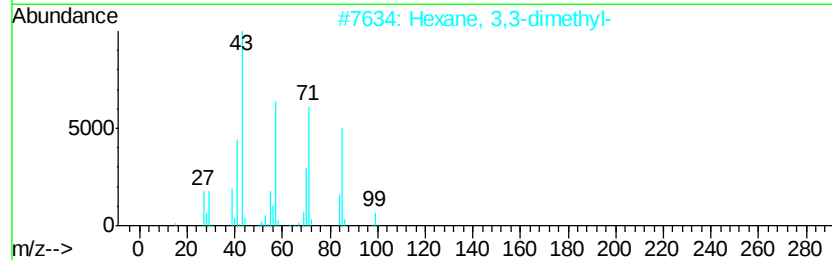
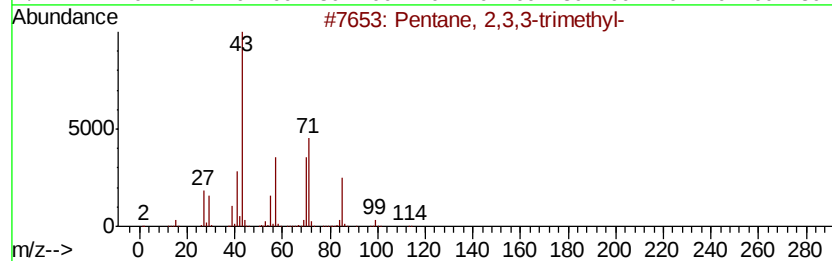
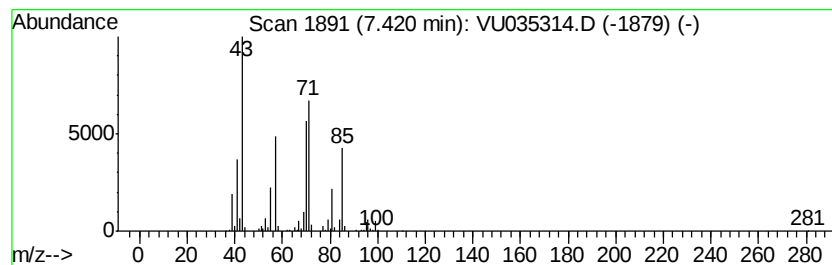
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	13.29 ug/L	456926	1,4-Difluorobenzene	6.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	80
2		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
3		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
4		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53
5		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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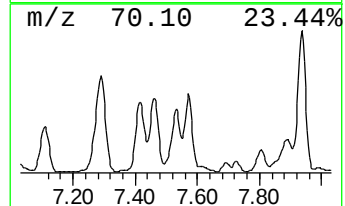
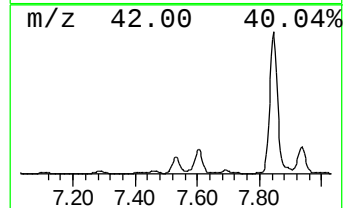
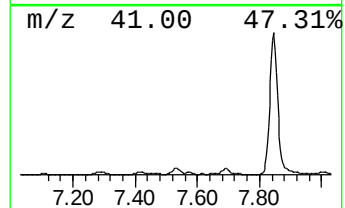
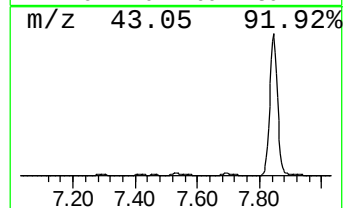
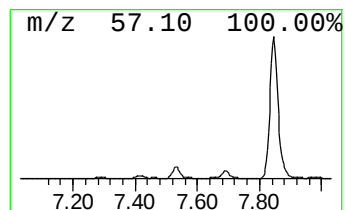
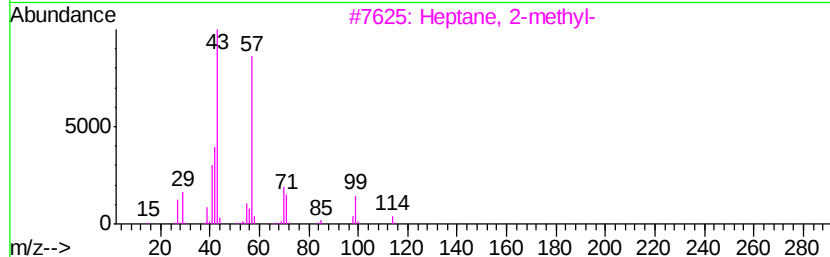
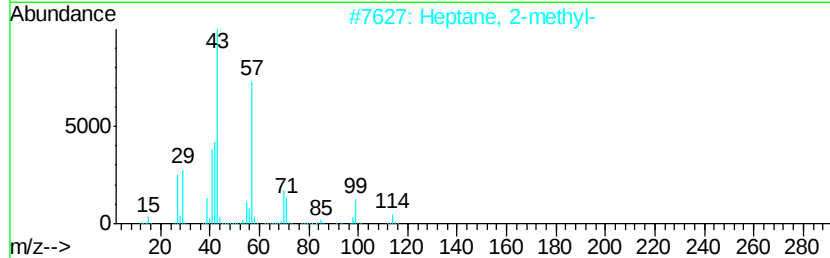
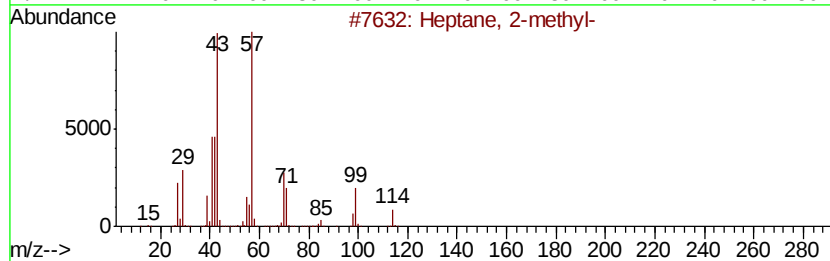
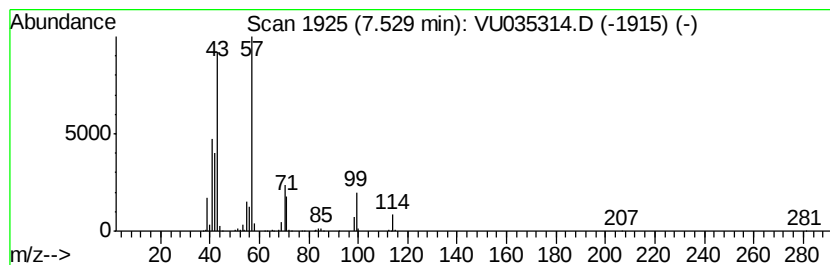
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	19.13 ug/L	657438	1,4-Difluorobenzene	6.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2-methyl-	114	C8H18	000592-27-8	95
2		Heptane, 2-methyl-	114	C8H18	000592-27-8	91
3		Heptane, 2-methyl-	114	C8H18	000592-27-8	87
4		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	58
5		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
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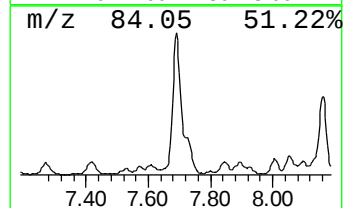
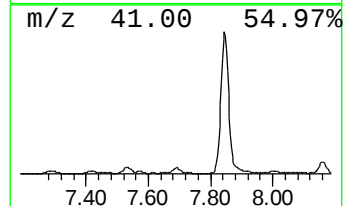
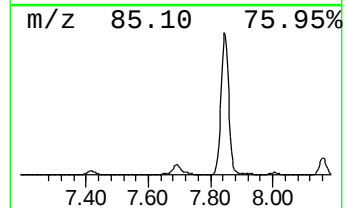
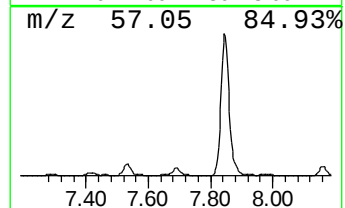
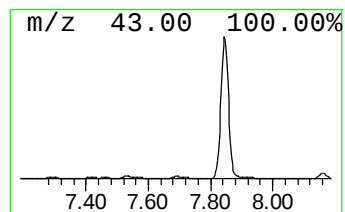
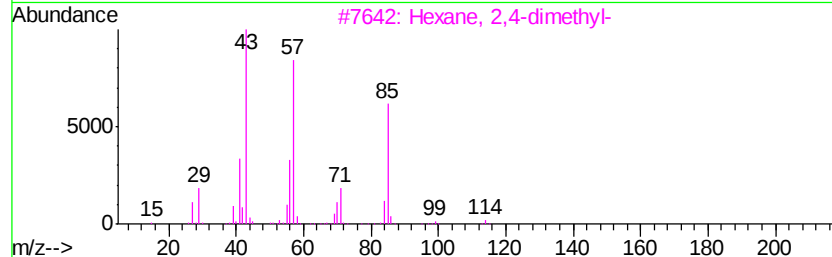
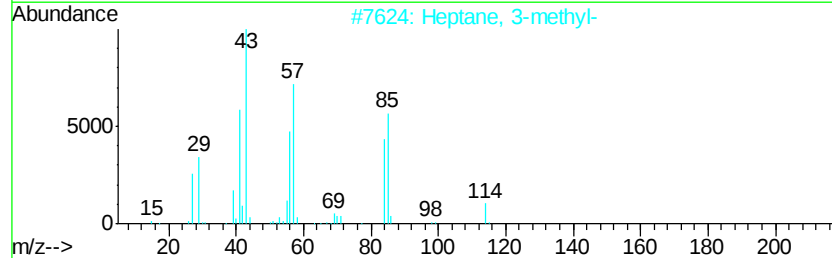
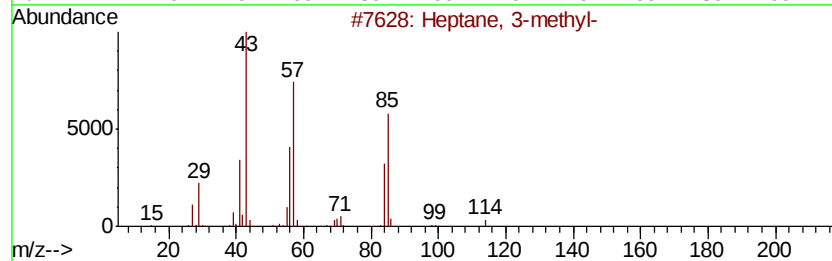
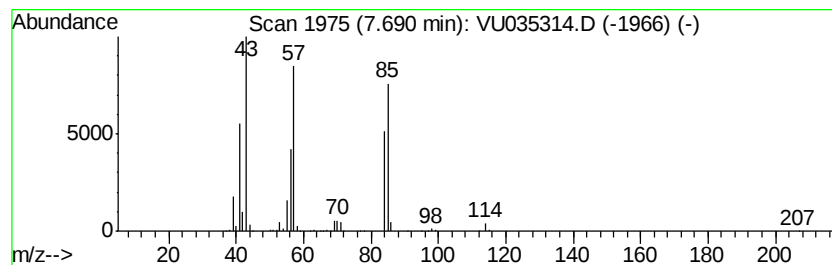
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	14.12 ug/L	485332	1,4-Difluorobenzene	6.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-methyl-	114	C8H18	000589-81-1	83
2		Heptane, 3-methyl-	114	C8H18	000589-81-1	81
3		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
4		Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	59
5		Pentane, 2,3,3,4-tetramethyl-	128	C9H20	016747-38-9	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

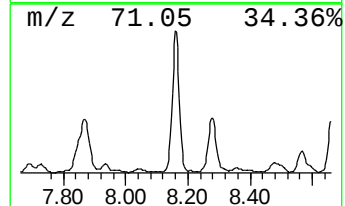
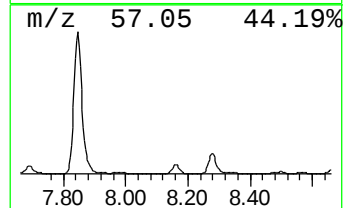
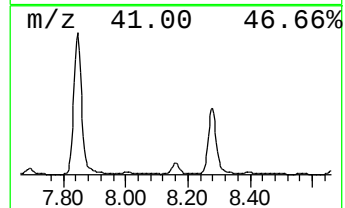
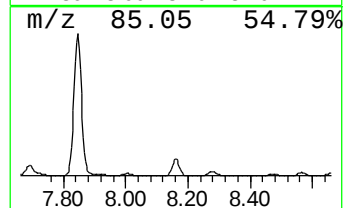
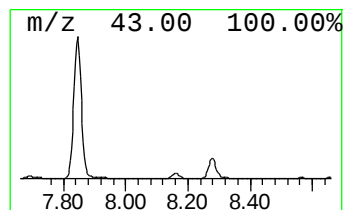
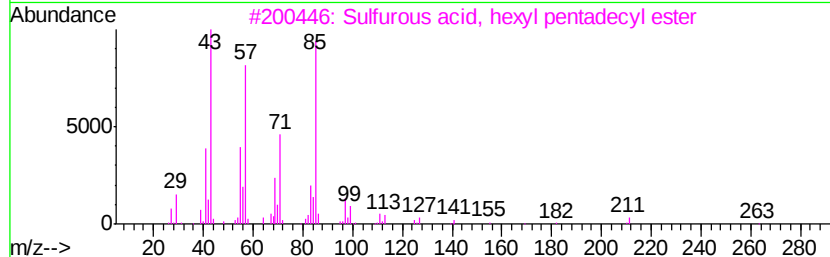
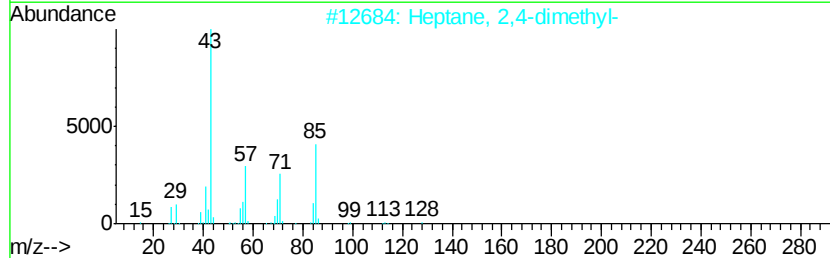
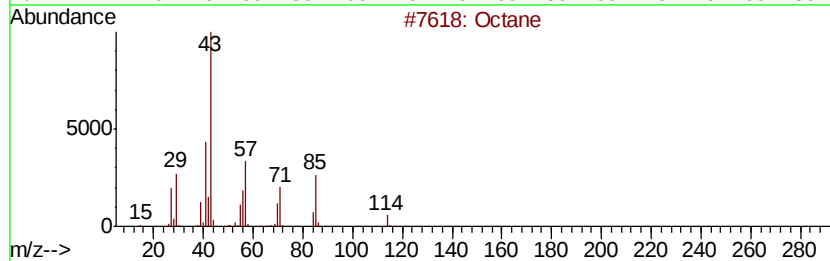
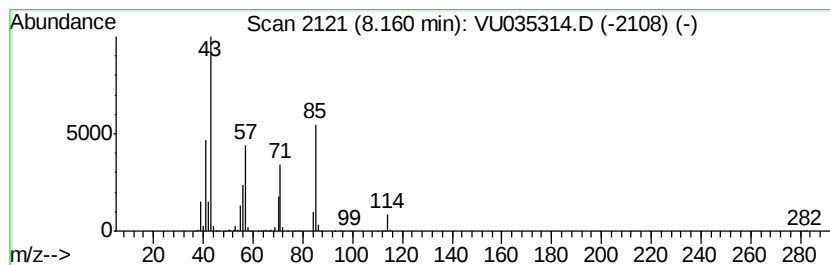
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	27.10 ug/L	1107910	Chlorobenzene-d5	9.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane	114	C8H18	000111-65-9	90
2		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
3		Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	72
4		Octane	114	C8H18	000111-65-9	70
5		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

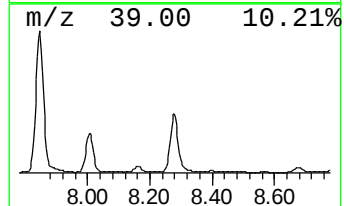
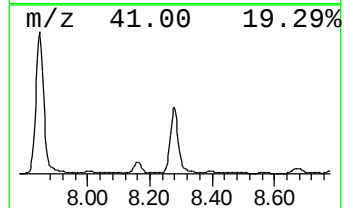
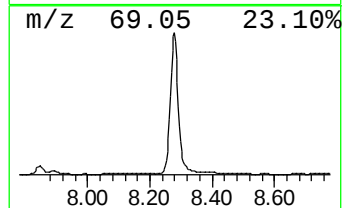
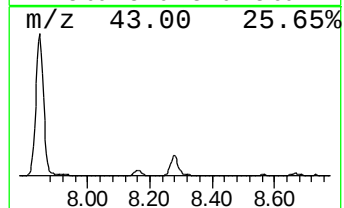
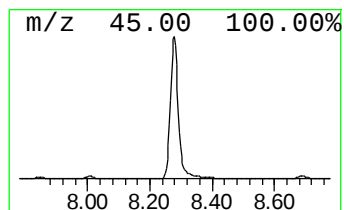
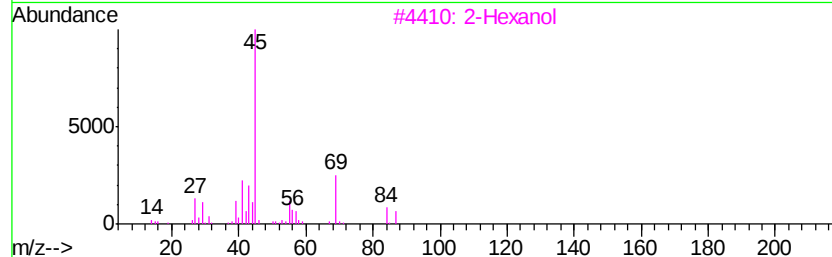
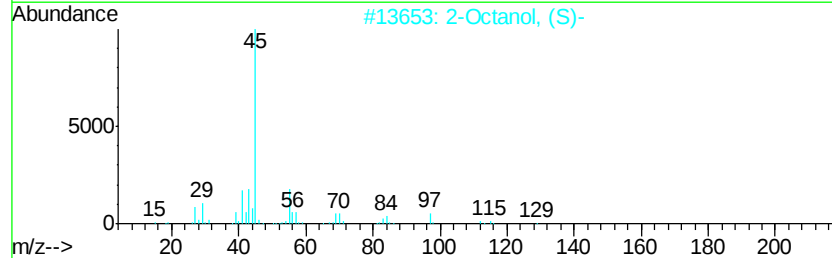
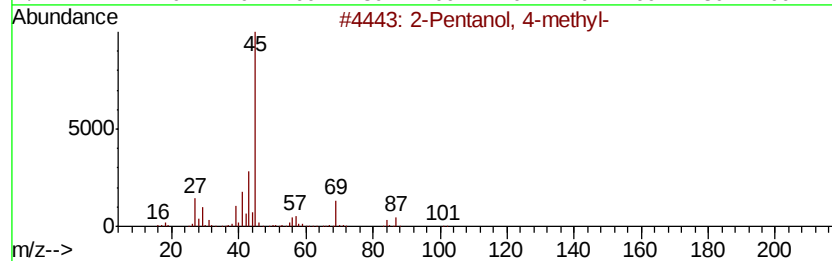
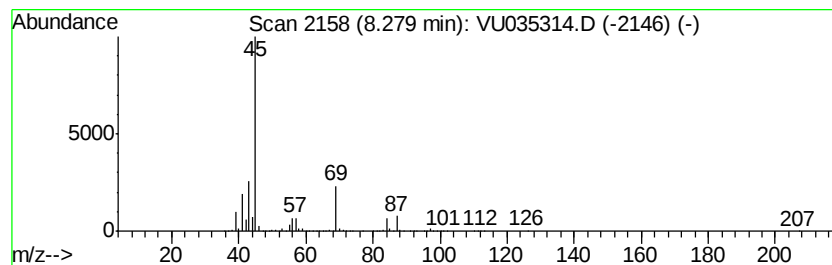
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Quant Title : VOC Analysis

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

Peak Number 11 2-Pentanol, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	242.45 ug/L	9912450	Chlorobenzene-d5	9.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
2		2-Octanol, (S)-	130	C8H18O	006169-06-8	78
3		2-Hexanol	102	C6H14O	000626-93-7	78
4		2-Octanol	130	C8H18O	000123-96-6	78
5		2-Octanol	130	C8H18O	000123-96-6	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

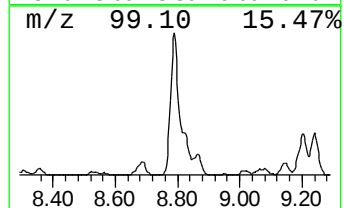
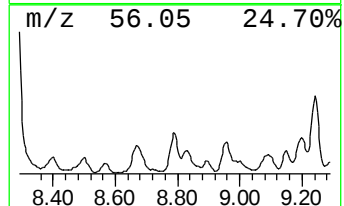
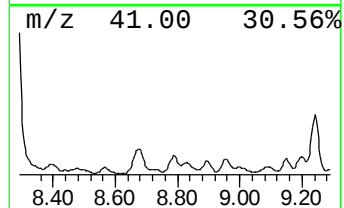
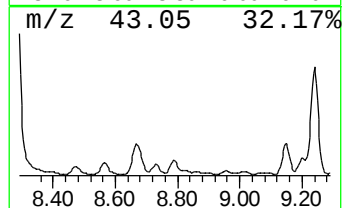
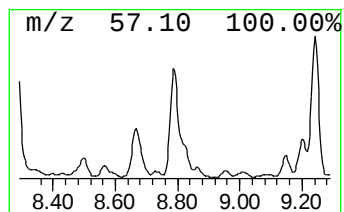
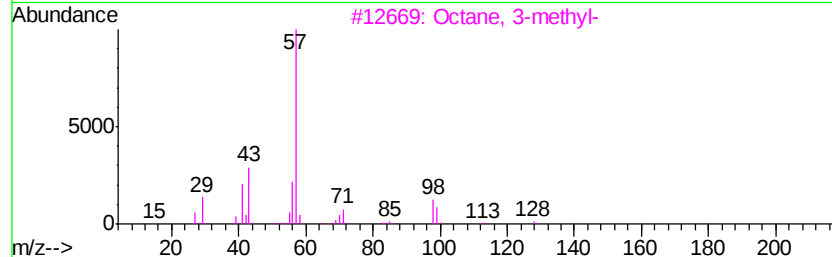
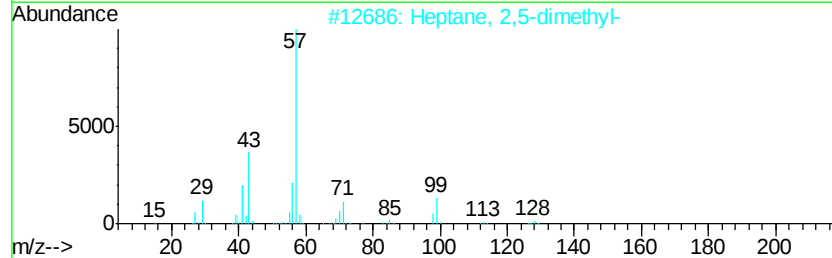
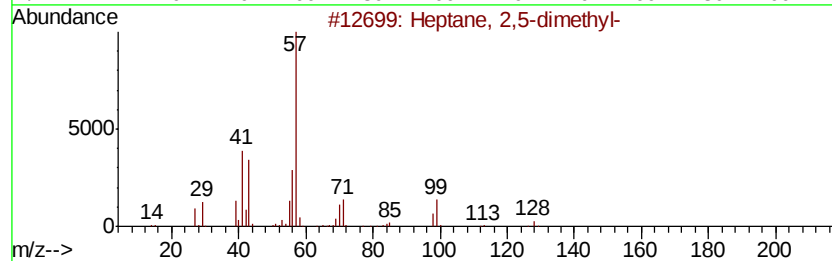
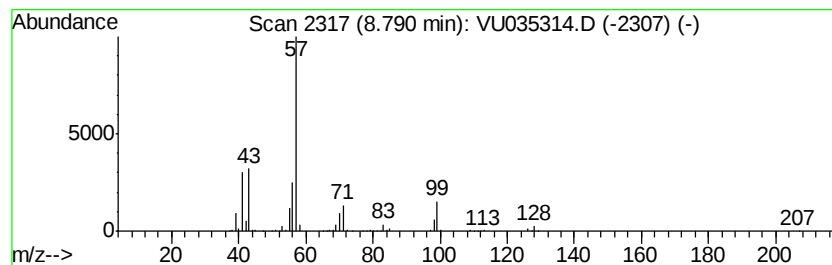
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	10.40 ug/L	425092	Chlorobenzene-d5	9.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
2		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	83
3		Octane, 3-methyl-	128	C9H20	002216-33-3	72
4		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
5		Octane, 3-methyl-	128	C9H20	002216-33-3	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

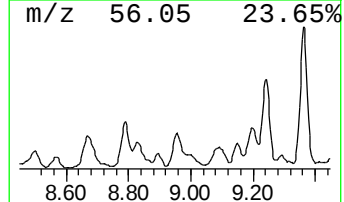
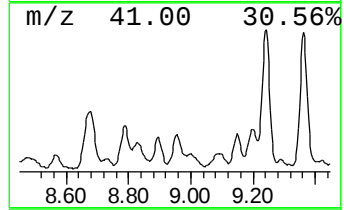
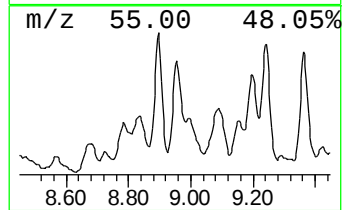
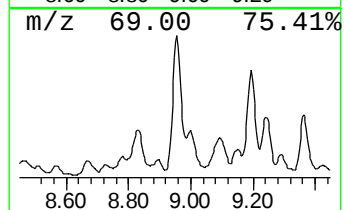
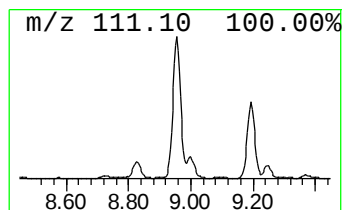
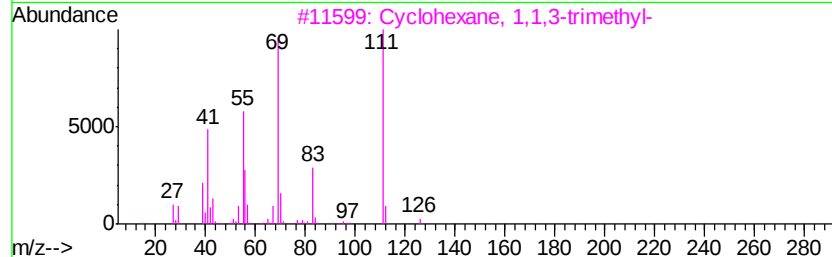
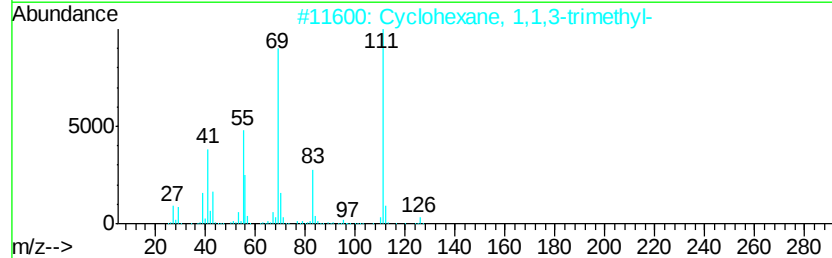
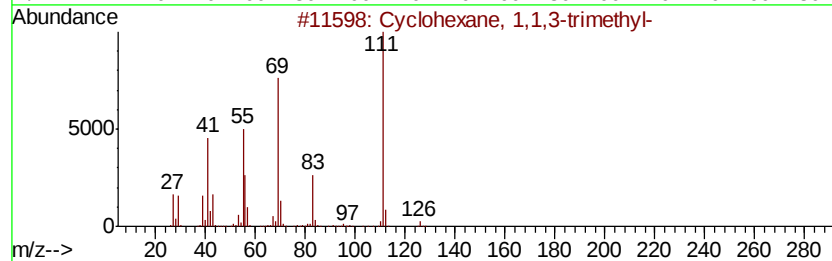
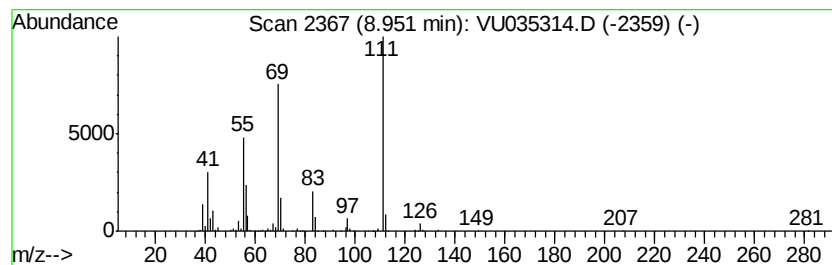
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Cyclic8.95 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	11.44 ug/L	467804	Chlorobenzene-d5	9.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
2		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
3		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
4		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
5		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

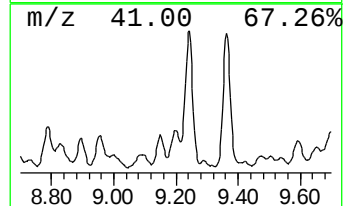
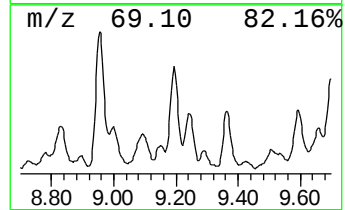
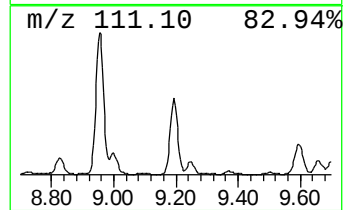
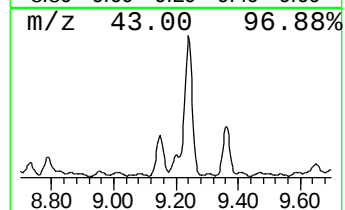
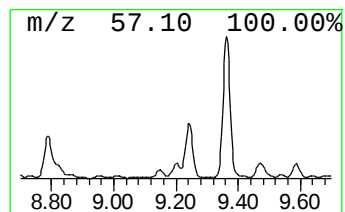
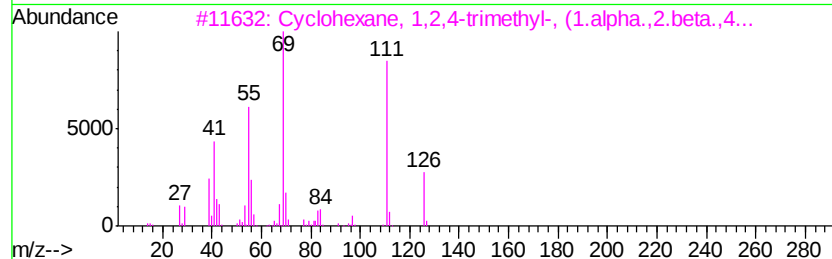
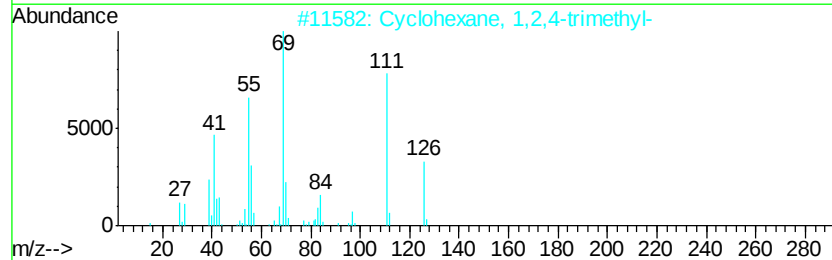
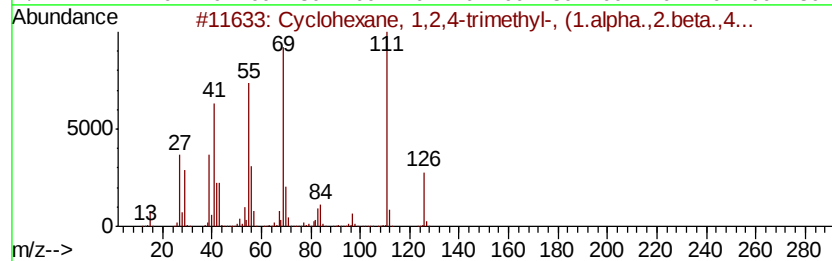
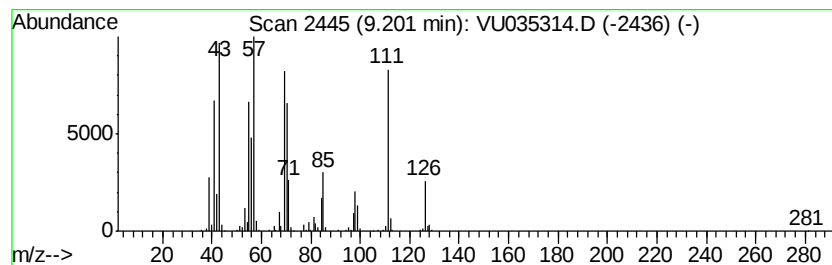
Instrument :
MSVOA_U
ClientSampleId :
BF6L3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Cyclic9.20 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.20	12.16 ug/L	497365	Chlorobenzene-d5	9.45		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	70
2		Cvclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	70
3		Cvclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	70
4		Cvclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	70
5		Cvclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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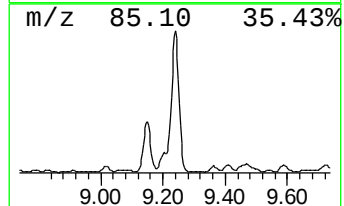
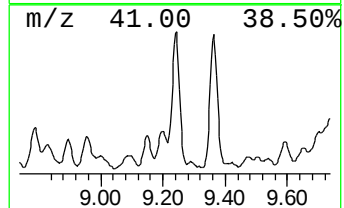
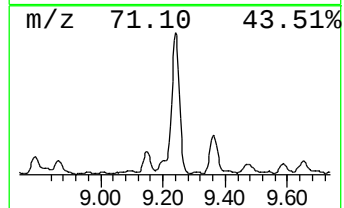
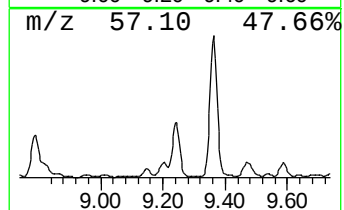
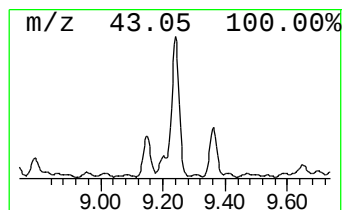
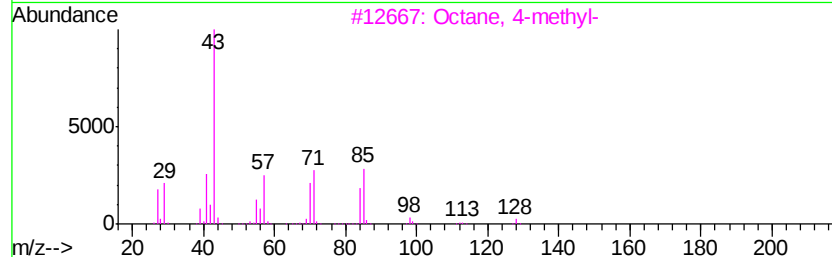
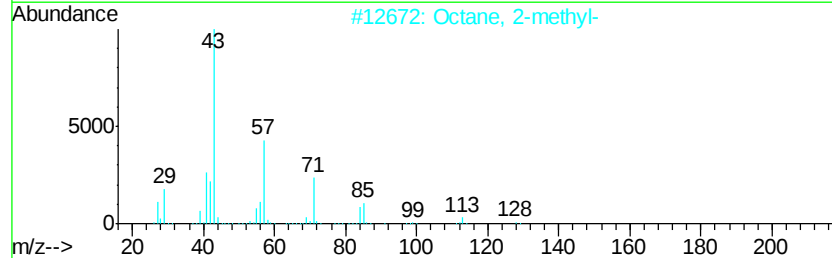
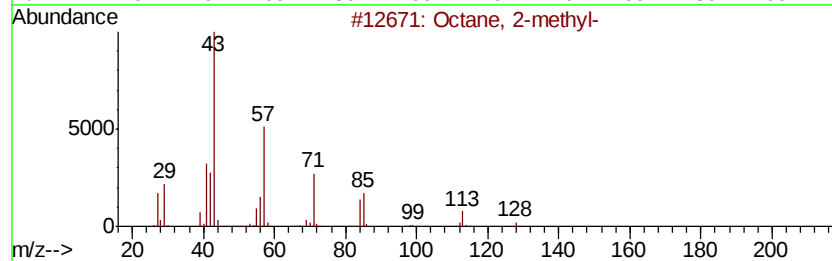
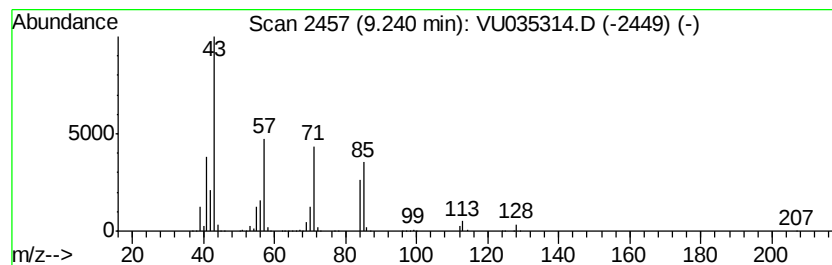
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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	37.29 ug/L	1524440	Chlorobenzene-d5	9.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2-methyl-	128	C9H20	003221-61-2	80
2		Octane, 2-methyl-	128	C9H20	003221-61-2	72
3		Octane, 4-methyl-	128	C9H20	002216-34-4	64
4		Octane, 4-methyl-	128	C9H20	002216-34-4	59
5		Sulfurous acid, 2-propyl tetra...	320	C17H36O3S	1000309-12-5	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

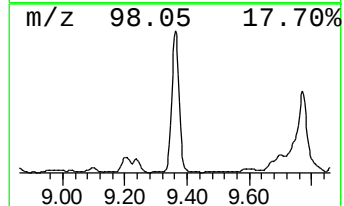
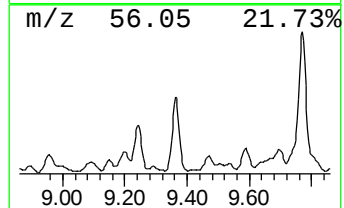
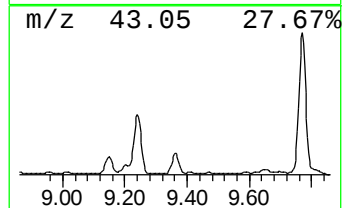
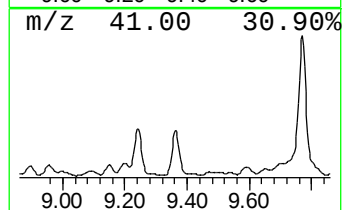
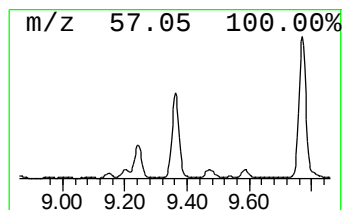
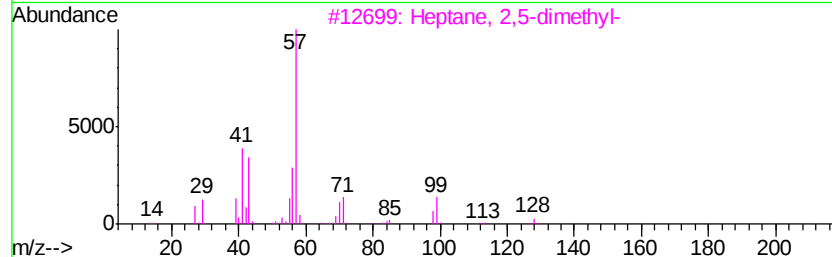
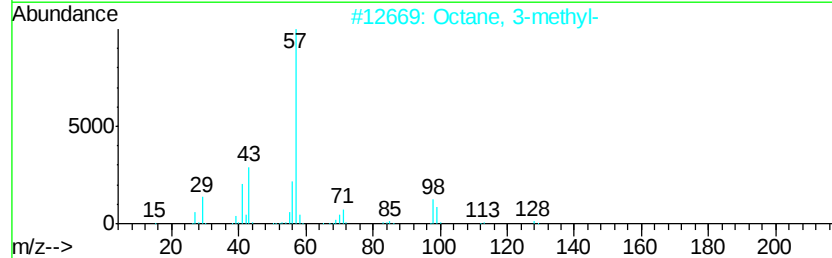
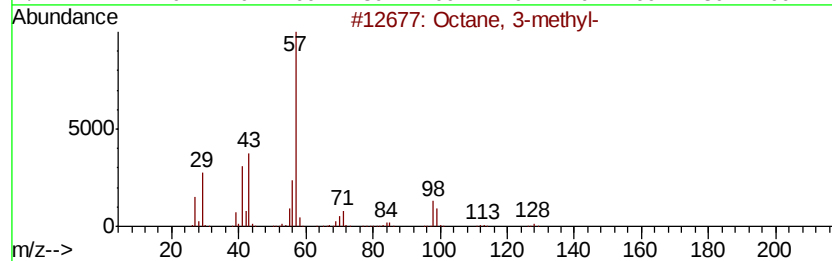
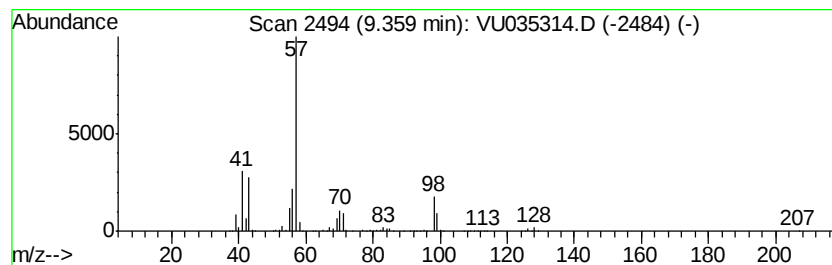
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	32.81 ug/L	1341410	Chlorobenzene-d5	9.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3-methyl-	128	C9H20	002216-33-3	83
2		Octane, 3-methyl-	128	C9H20	002216-33-3	80
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	74
4		Octane, 3-methyl-	128	C9H20	002216-33-3	64
5		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

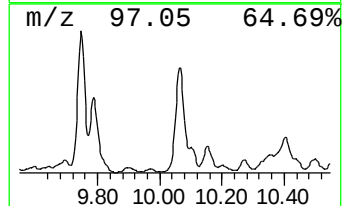
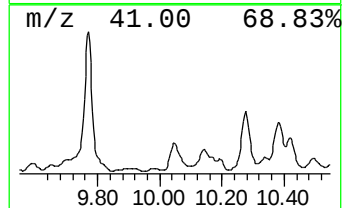
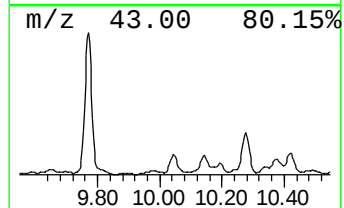
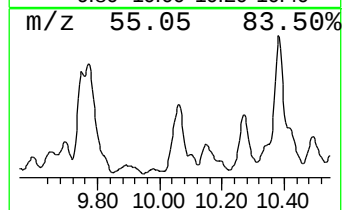
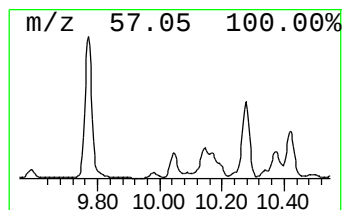
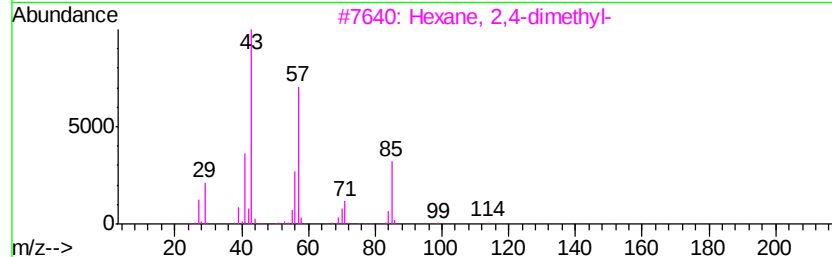
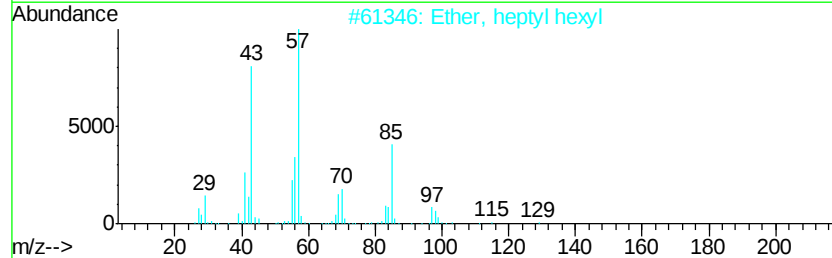
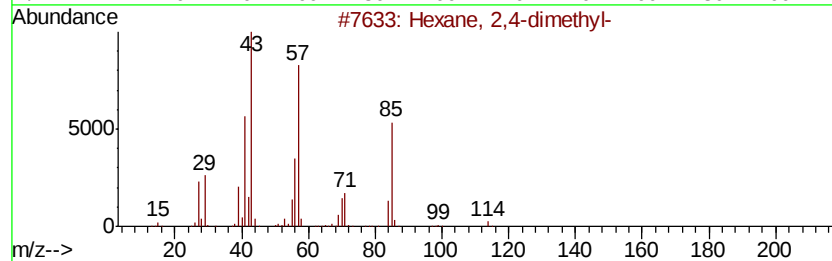
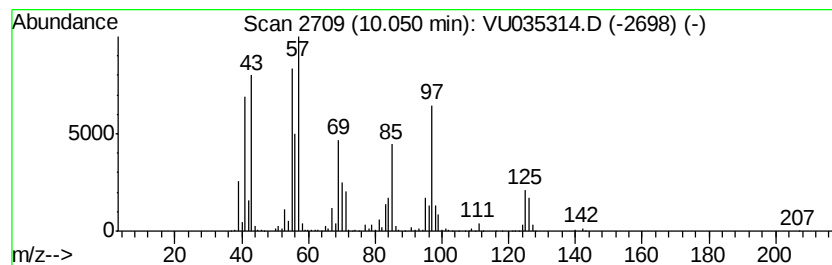
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Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	35.67 ug/L	1458320	Chlorobenzene-d5	9.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43
2		Ether, heptyl hexyl	200	C13H28O	007289-40-9	38
3		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38
4		Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	27
5		Carbonic acid, isobutyl isohexyl...	202	C11H22O3	1000314-60-3	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

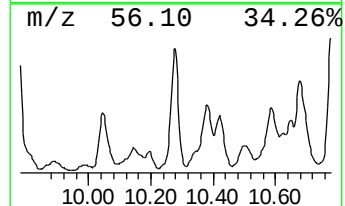
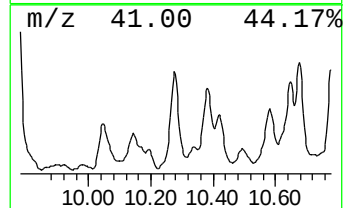
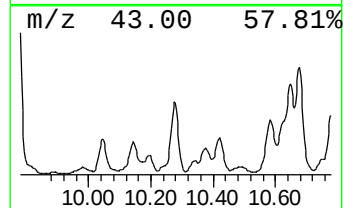
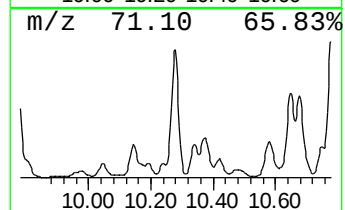
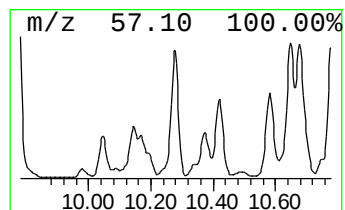
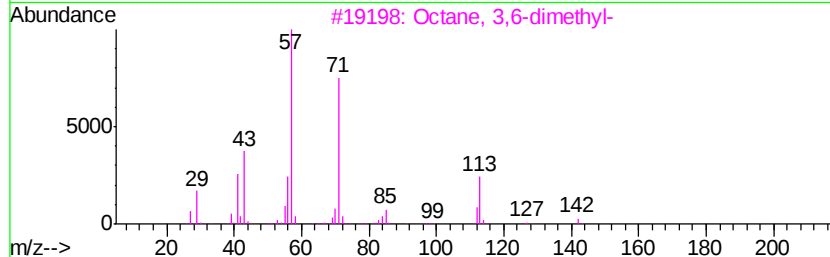
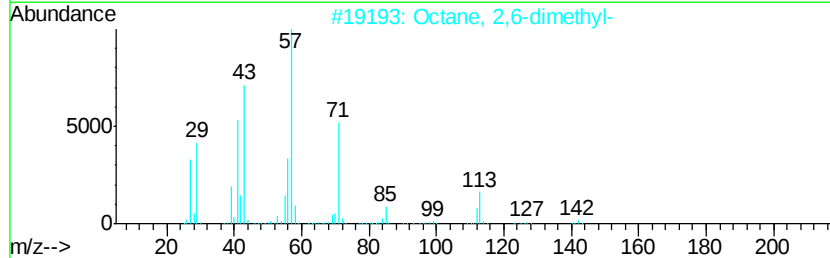
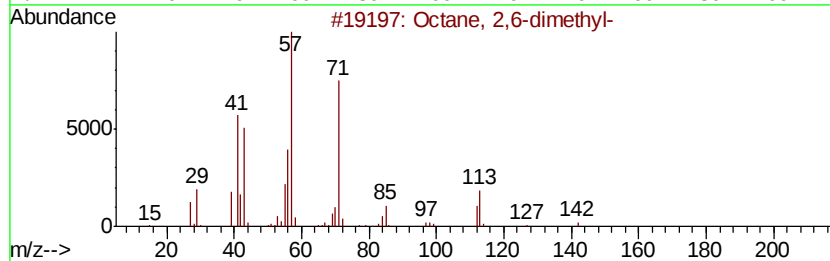
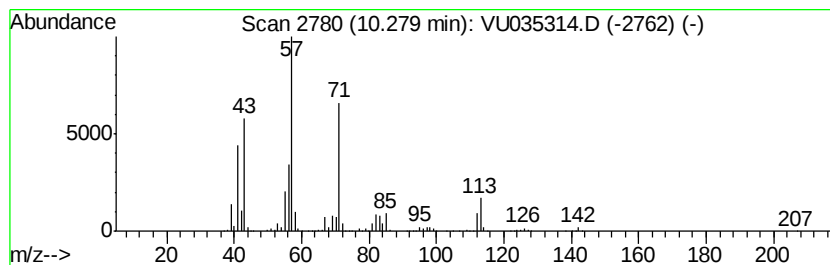
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Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	64.96 ug/L	2655950	Chlorobenzene-d5	9.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	93
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	81
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

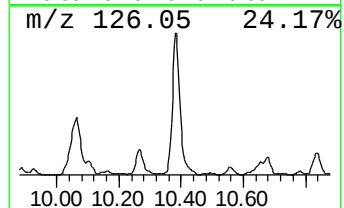
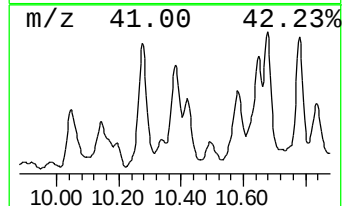
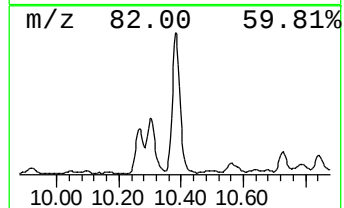
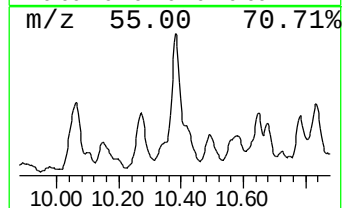
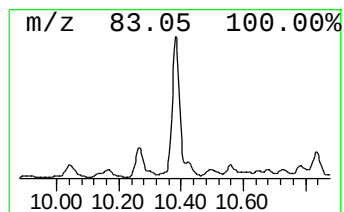
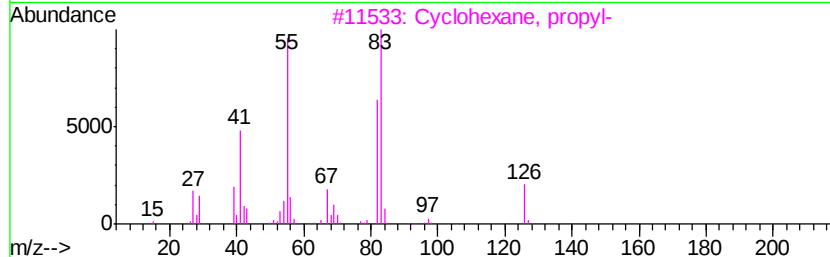
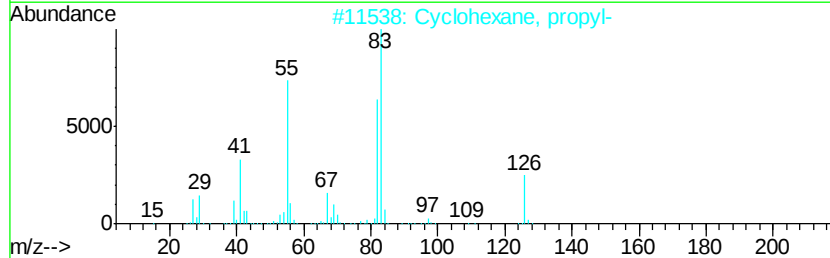
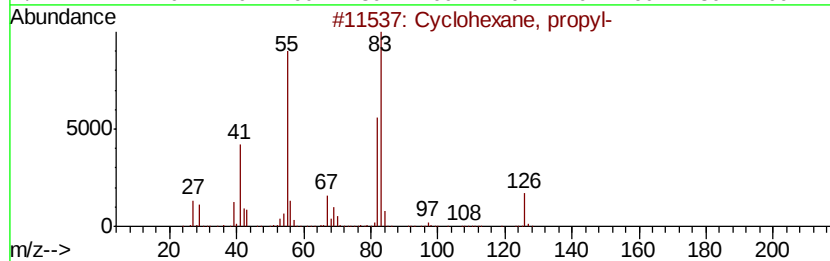
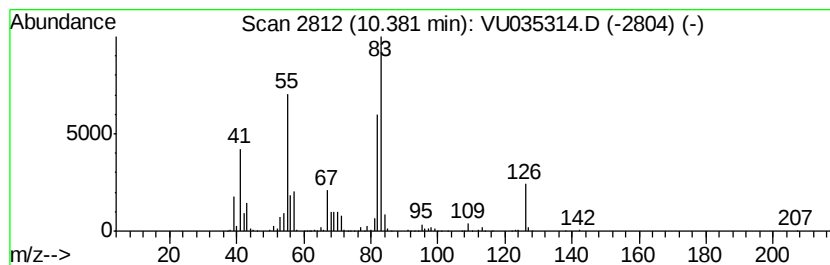
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 19 (DEL) Alkane: Cyclic10.38 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.38	33.98 ug/L	1389200	Chlorobenzene-d5	9.45		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, propyl-	126	C9H18	001678-92-8	91
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	90
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	87
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

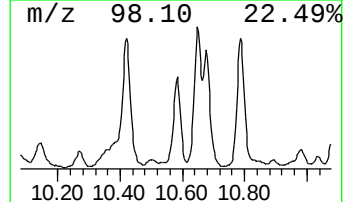
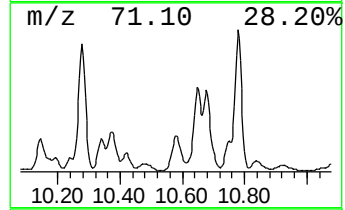
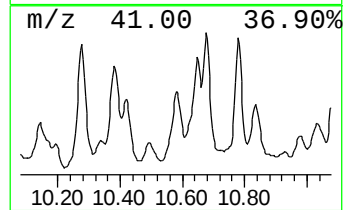
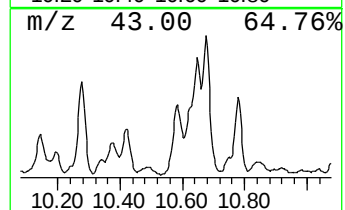
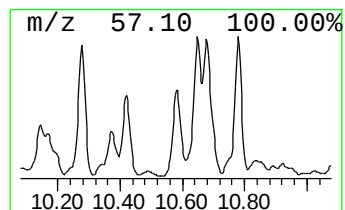
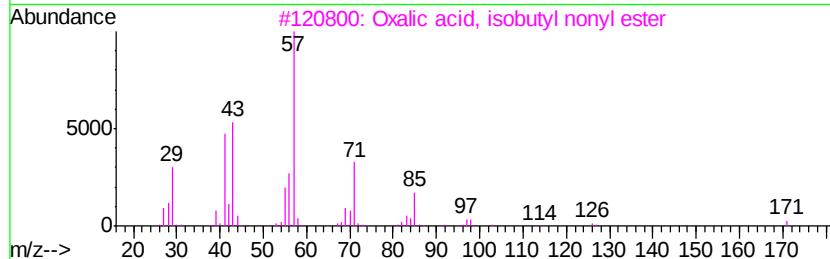
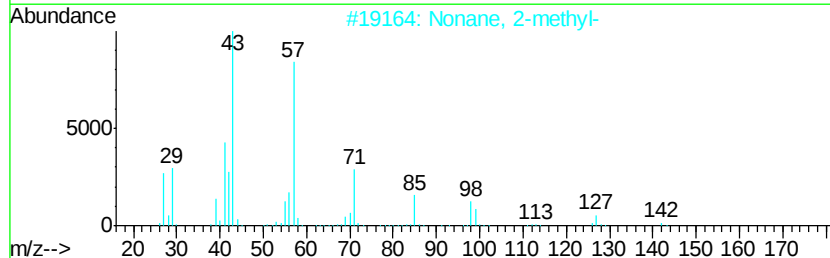
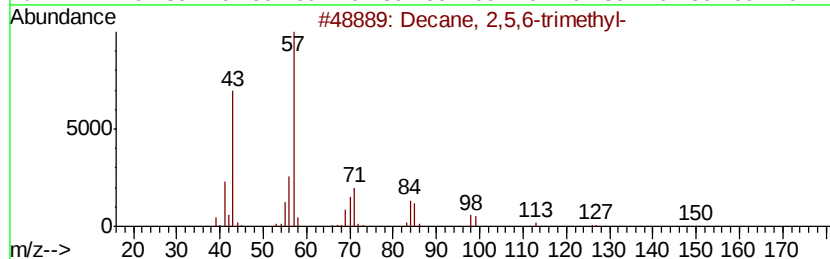
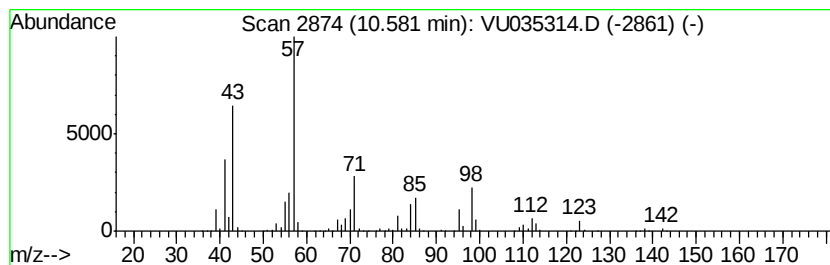
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Quant Title : VOC Analysis

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	37.79 ug/L	1545230	Chlorobenzene-d5	9.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	49
2		Nonane, 2-methyl-	142	C10H22	000871-83-0	49
3		Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	49
4		Octane, 4-ethyl-	142	C10H22	015869-86-0	49
5		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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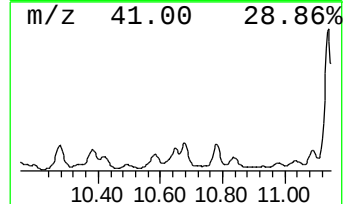
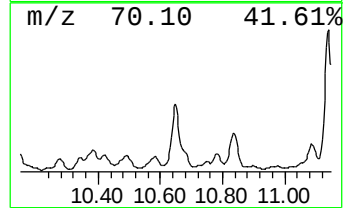
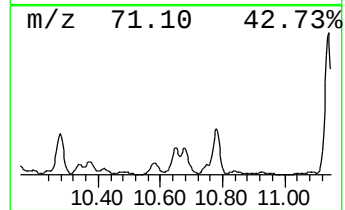
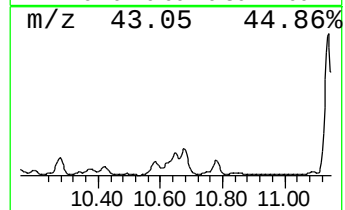
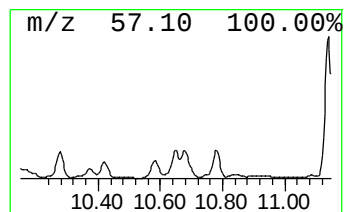
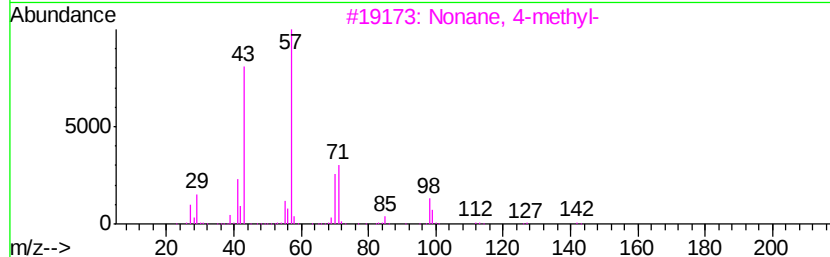
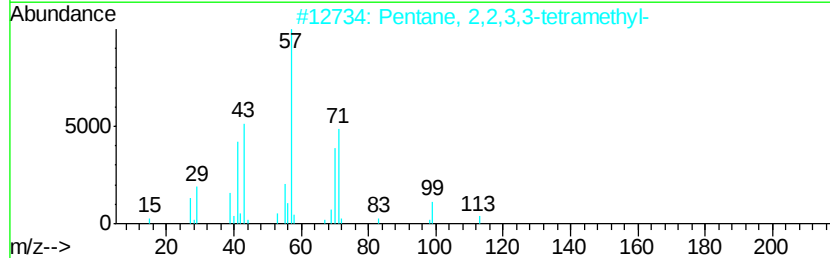
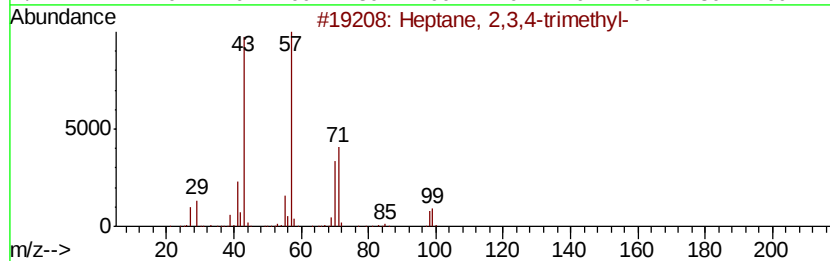
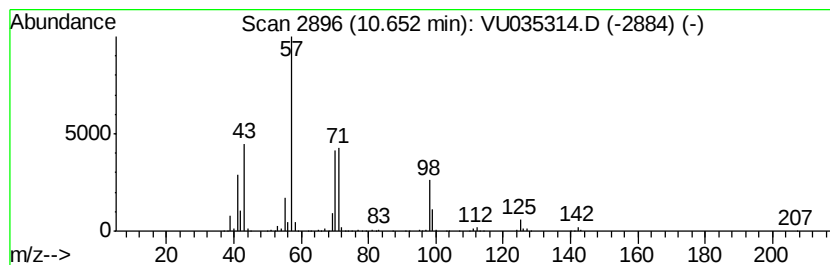
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Quant Title : VOC Analysis

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	33.27 ug/L	1840420	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
2		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
3		Nonane, 4-methyl-	142	C10H22	017301-94-9	56
4		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	53
5		Nonane, 4-methyl-	142	C10H22	017301-94-9	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
 Data File : VU035314.D
 Acq On : 19 Oct 2019 13:27
 Operator : JC/SP
 Sample : K5344-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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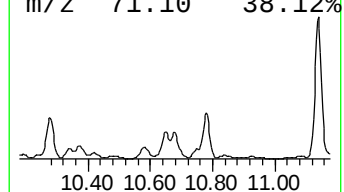
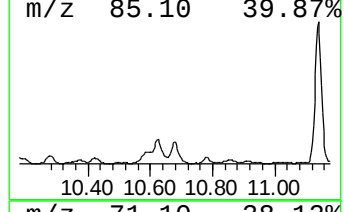
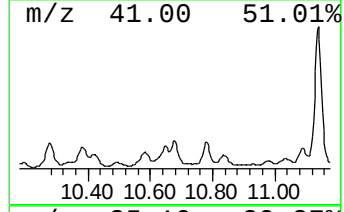
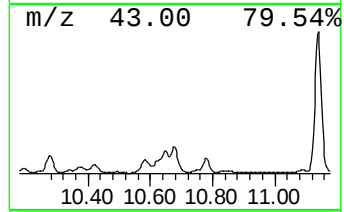
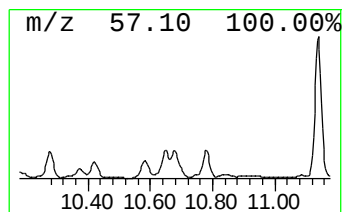
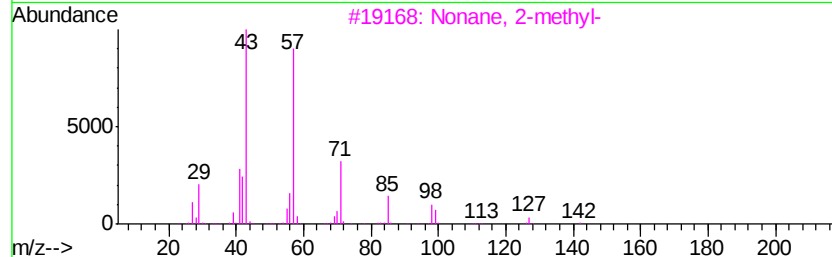
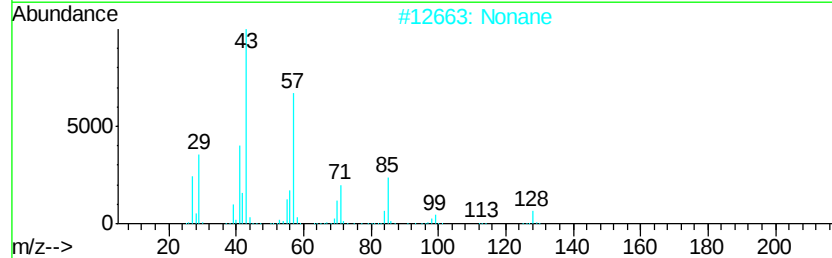
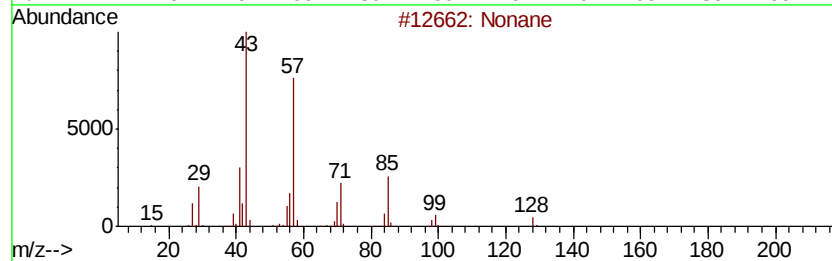
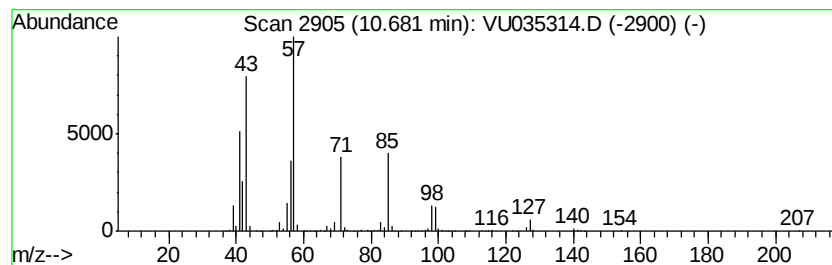
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 Quant Title : VOC Analysis

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

 Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	25.51 ug/L	1410760	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane	128	C9H20	000111-84-2	72
2		Nonane	128	C9H20	000111-84-2	72
3		Nonane, 2-methyl-	142	C10H22	000871-83-0	53
4		Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	52
5		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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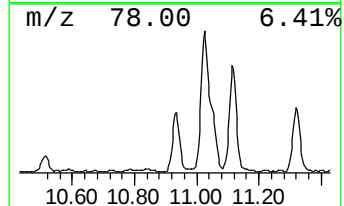
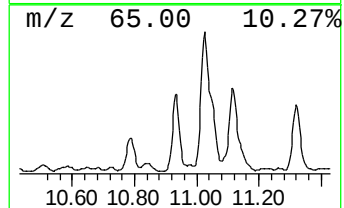
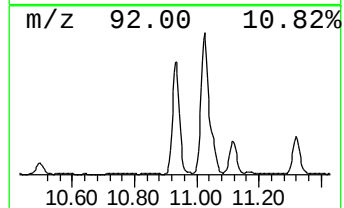
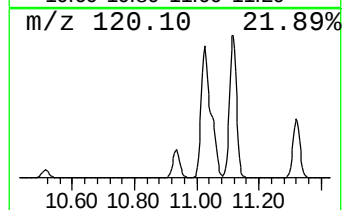
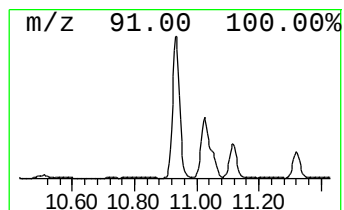
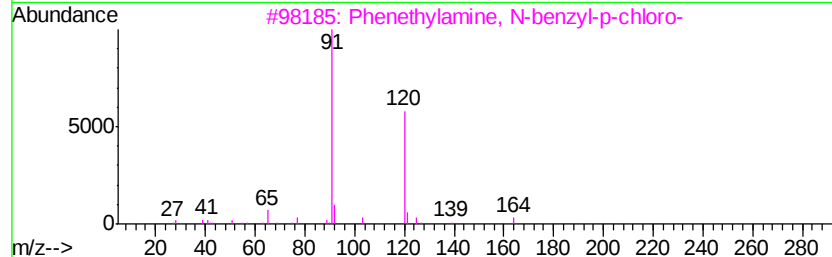
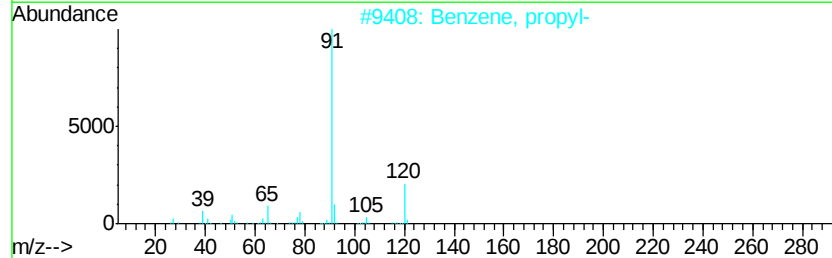
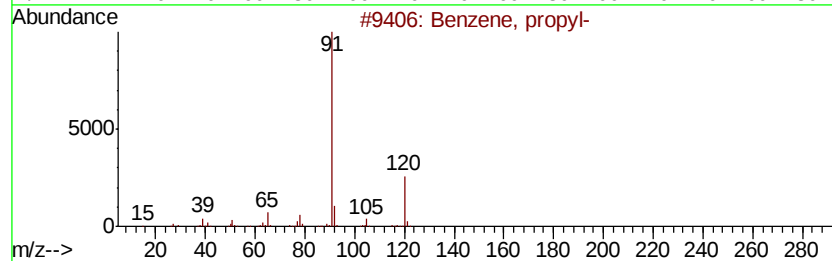
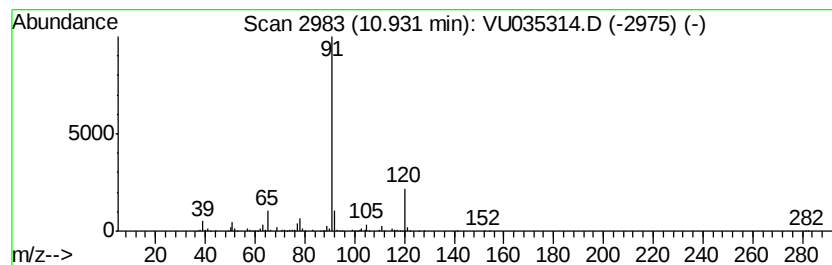
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Quant Title : VOC Analysis

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

Peak Number 23 Benzene, propyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	15.90 ug/L	879456	1,4-Dichlorobenzene-d4	11.84

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		Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	78
4		Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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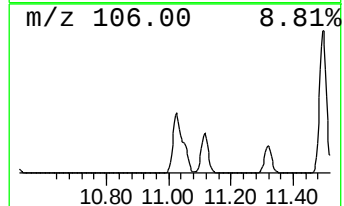
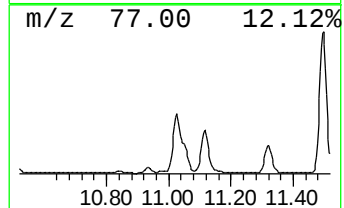
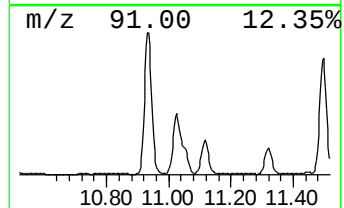
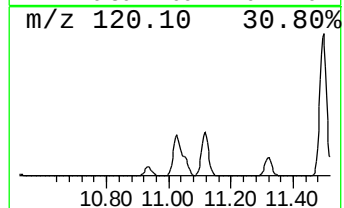
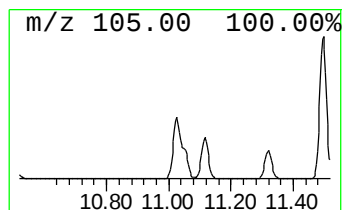
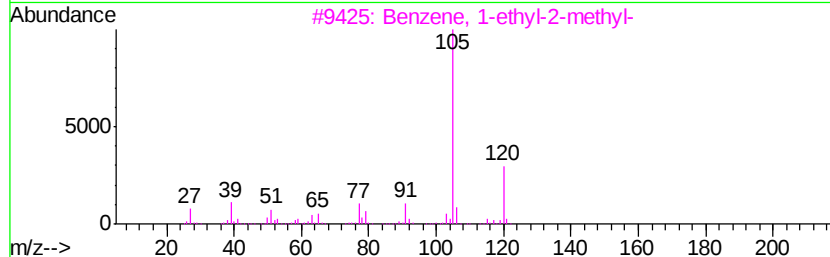
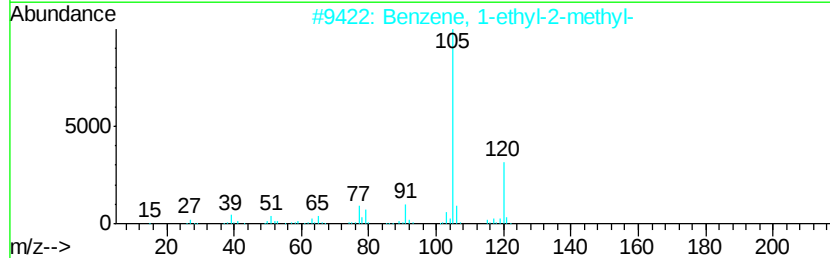
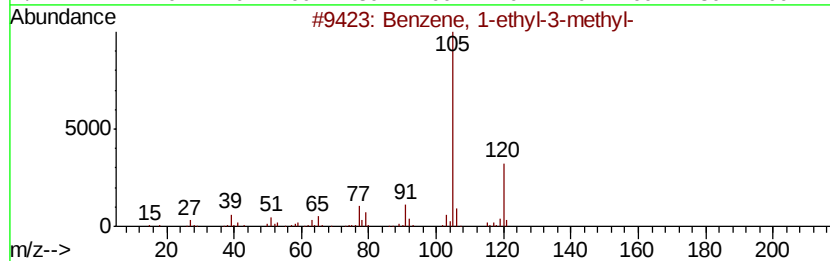
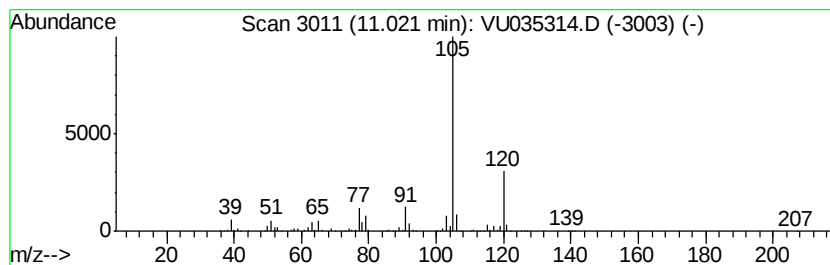
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Quant Title : VOC Analysis

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

Peak Number 25 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	111.86 ug/L	6186940	1,4-Dichlorobenzene-d4	11.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		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	95
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 : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

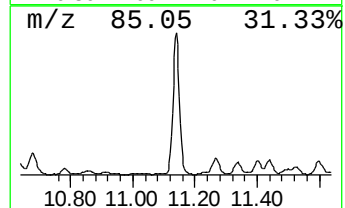
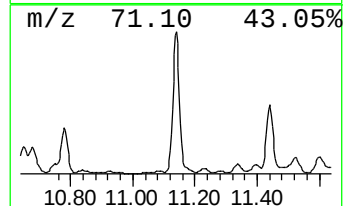
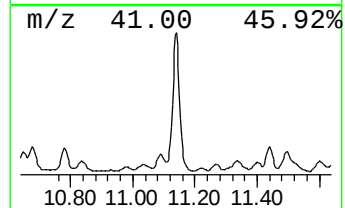
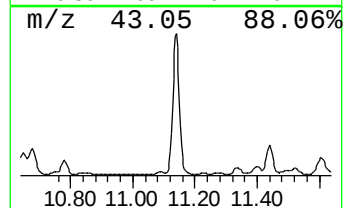
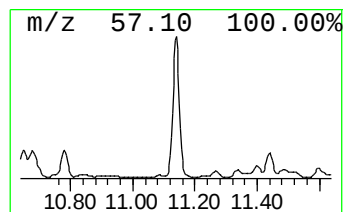
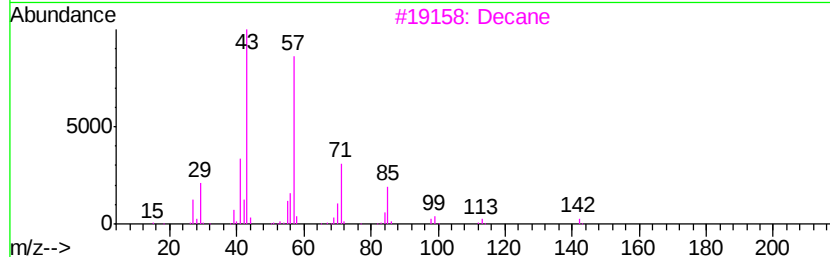
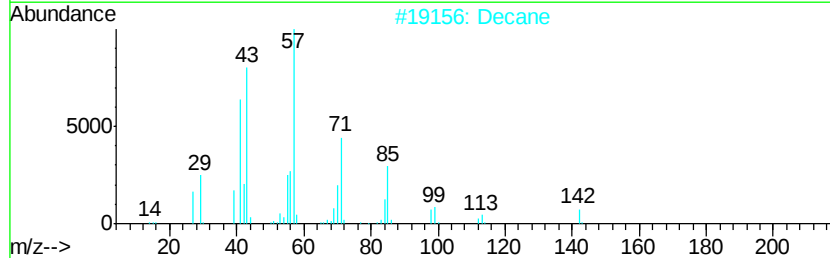
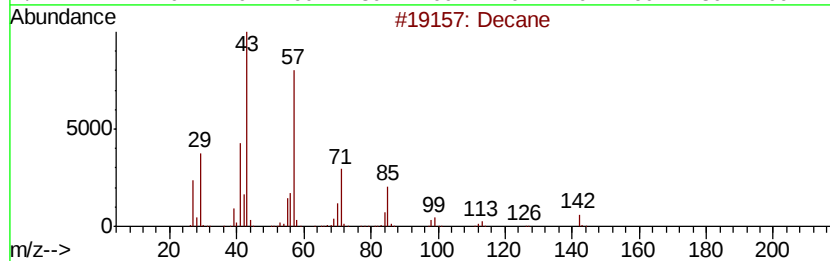
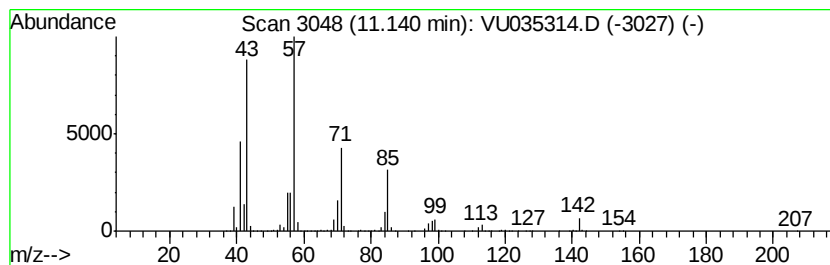
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Quant Title : VOC Analysis

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	265.04 ug/L	14659800	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	95
2		Decane	142	C10H22	000124-18-5	94
3		Decane	142	C10H22	000124-18-5	94
4		Decane	142	C10H22	000124-18-5	68
5		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

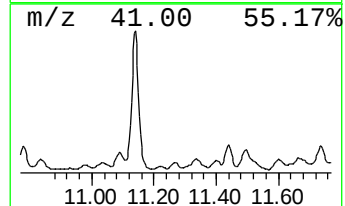
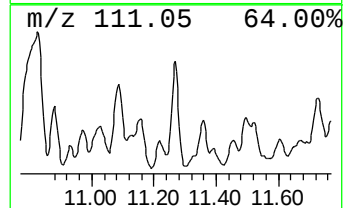
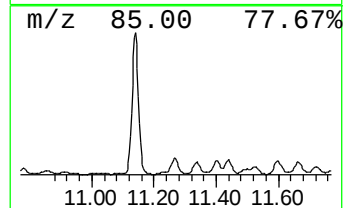
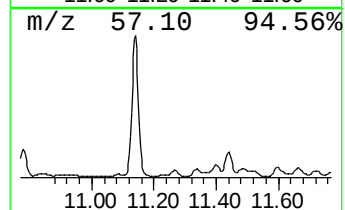
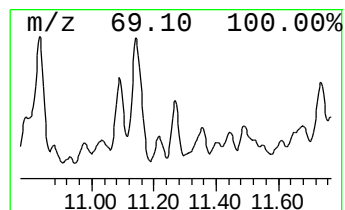
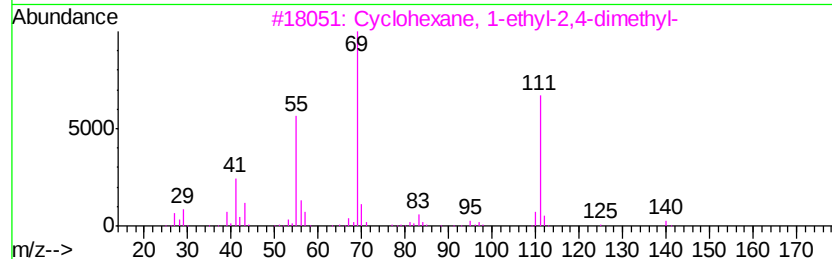
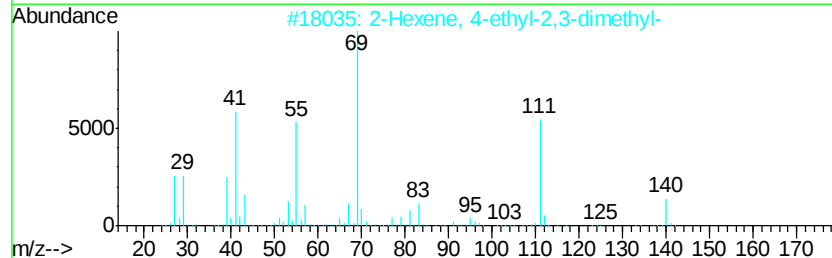
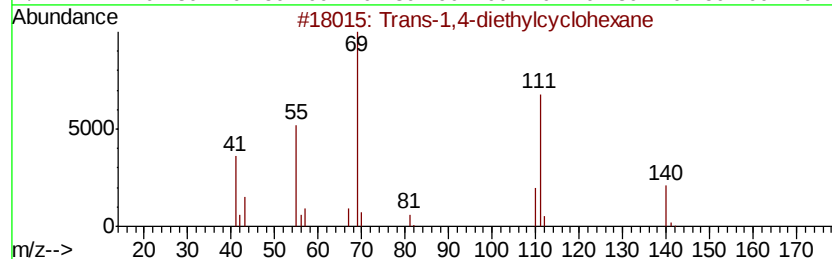
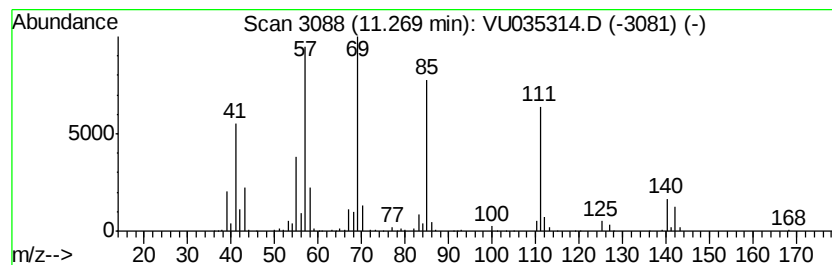
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Quant Title : VOC Analysis

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

Peak Number 27 (DEL) Alkane: Cyclic11.27 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	7.37 ug/L	407868	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	43
2		2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	38
3		Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	38
4		4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	38
5		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

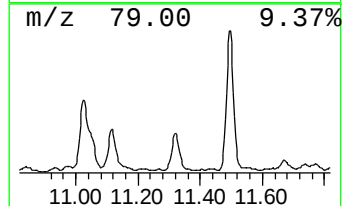
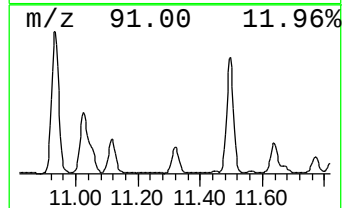
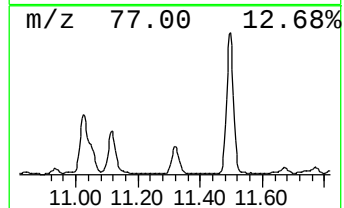
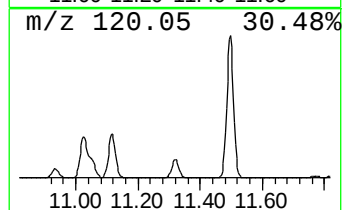
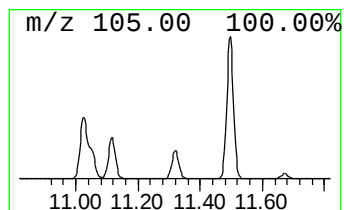
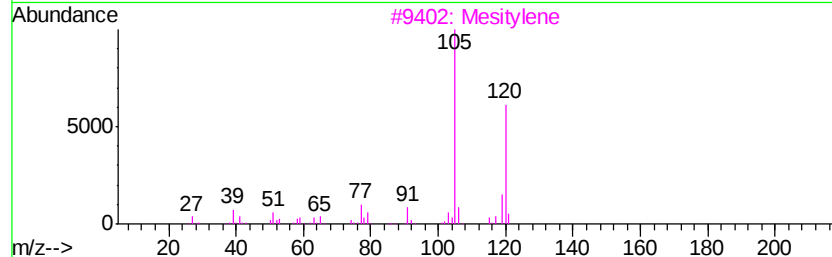
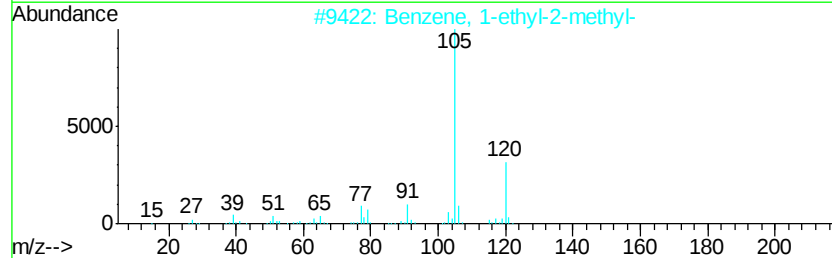
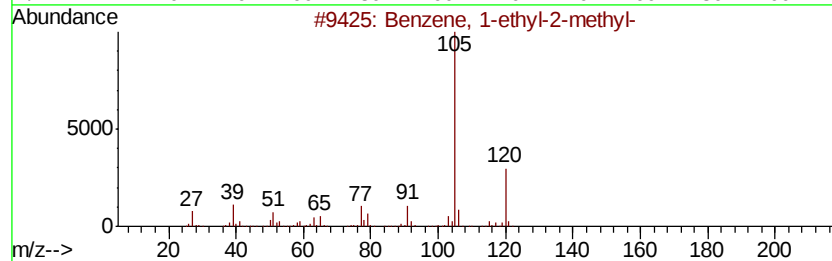
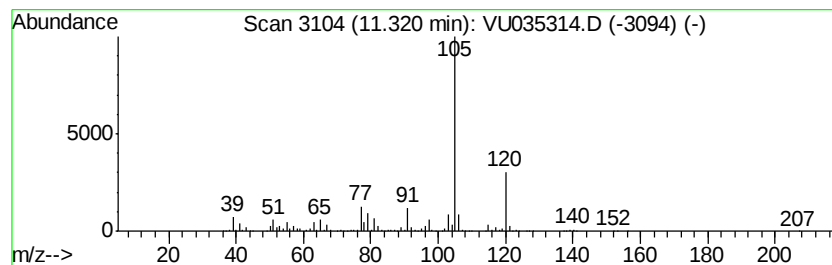
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Quant Title : VOC Analysis

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

Peak Number 28 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	54.50 ug/L	3014370	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3		Mesitylene	120	C9H12	000108-67-8	90
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5		Mesitylene	120	C9H12	000108-67-8	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

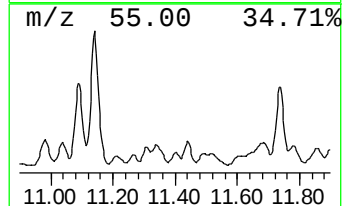
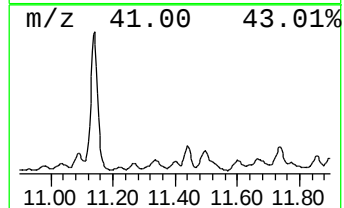
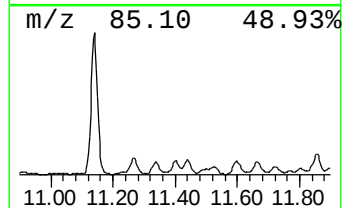
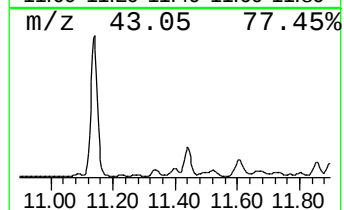
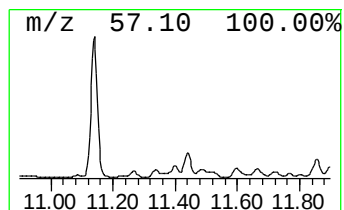
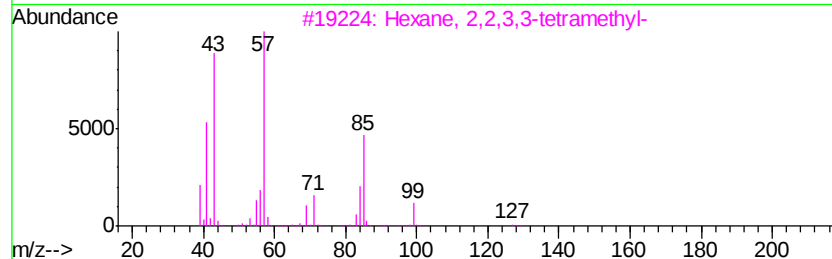
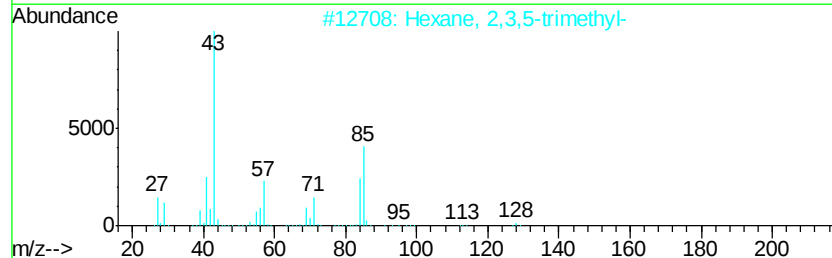
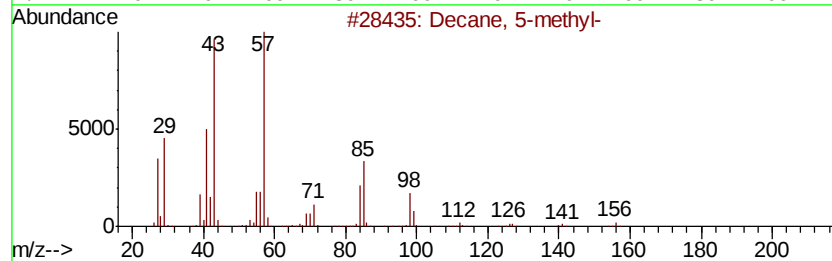
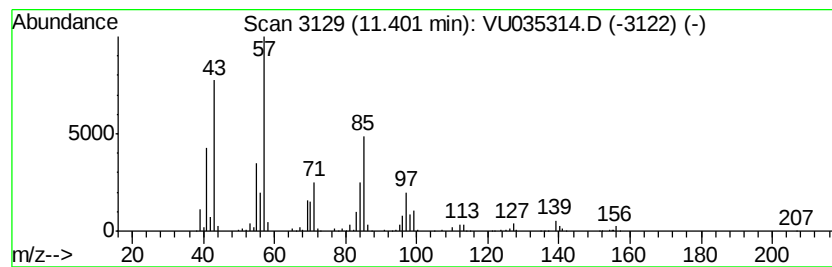
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Quant Title : VOC Analysis

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	9.28 ug/L	513378	1,4-Dichlorobenzene-d4	11.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5-methyl-	156	C11H24	013151-35-4	64
2			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	52
3			Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	52
4			Tetradecane, 5-methyl-	212	C15H32	025117-32-2	47
5			Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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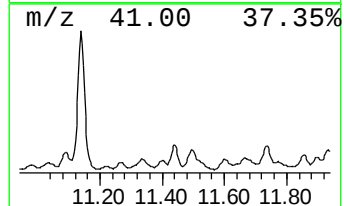
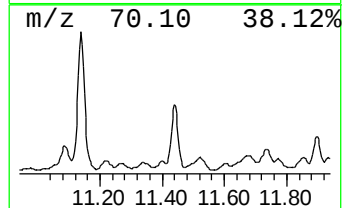
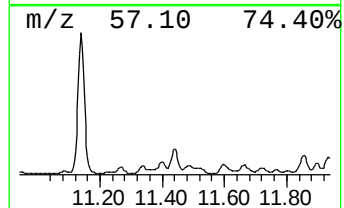
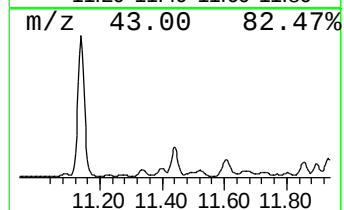
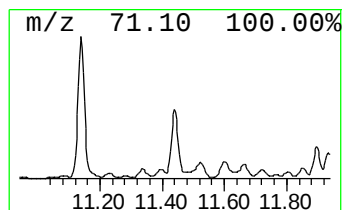
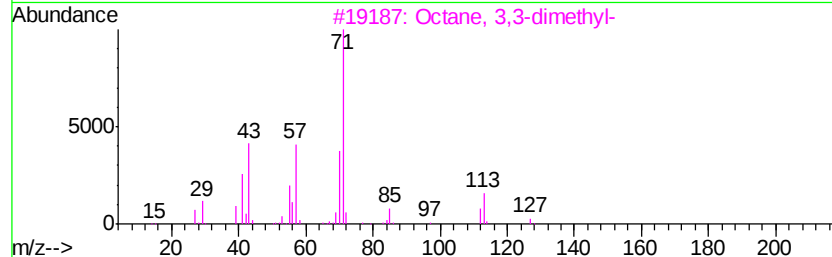
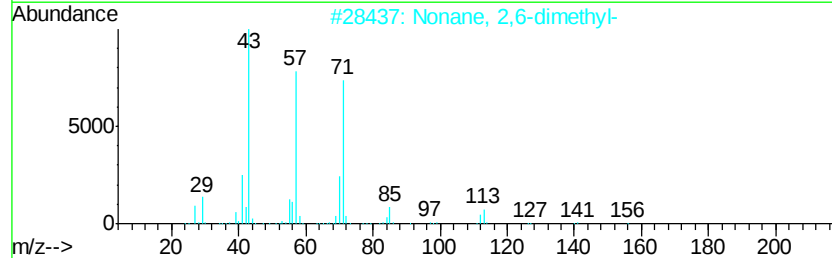
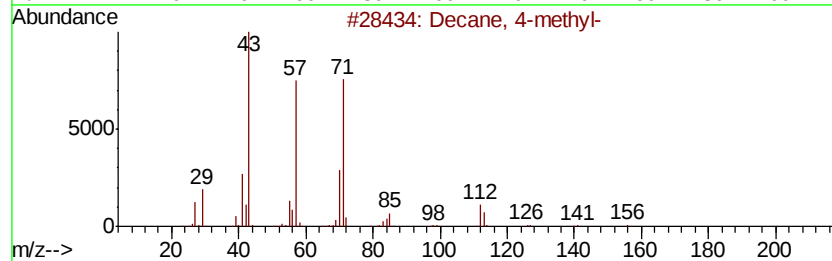
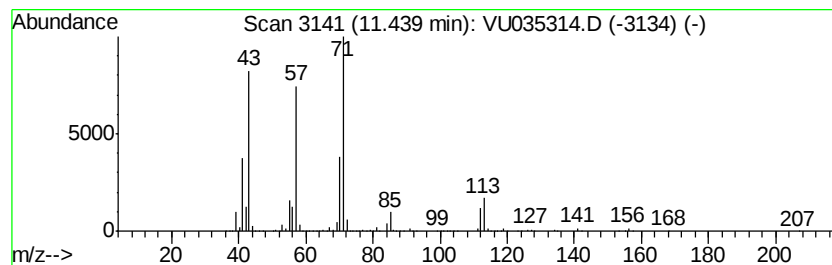
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Quant Title : VOC Analysis

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	28.98 ug/L	1602750	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	91
2		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	87
3		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
4		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
5		Decane, 4-methyl-	156	C11H24	002847-72-5	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

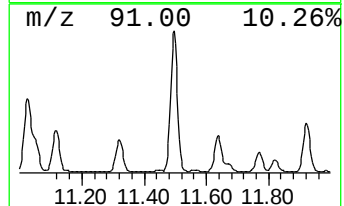
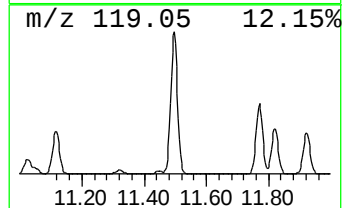
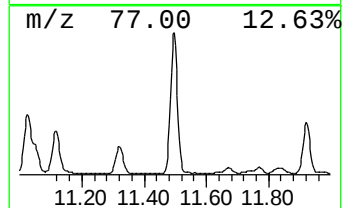
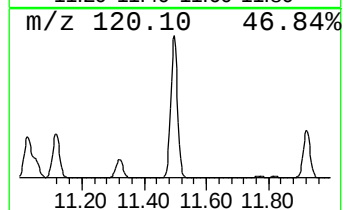
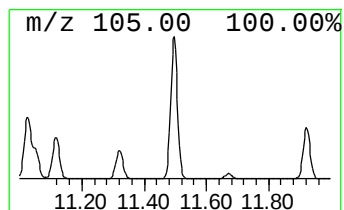
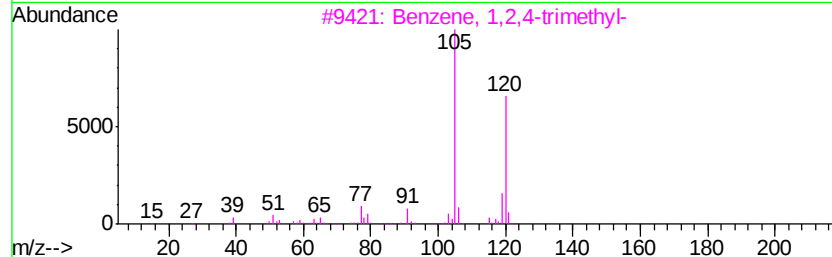
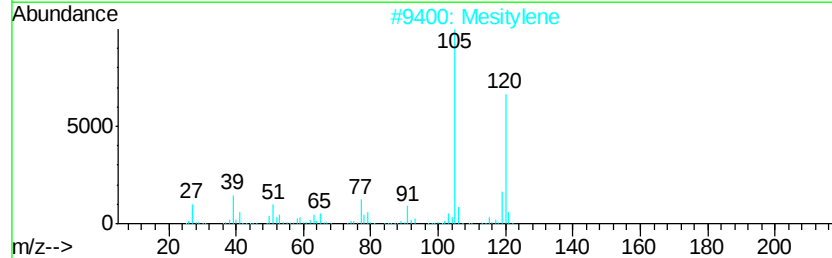
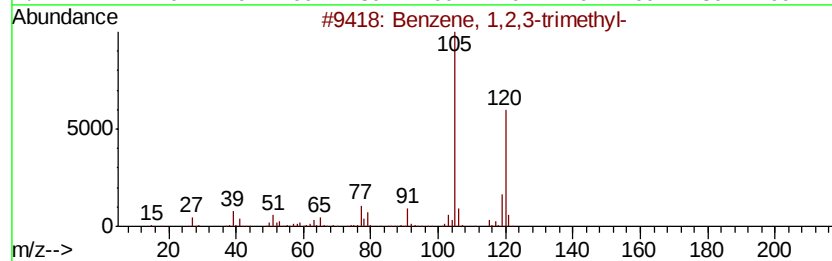
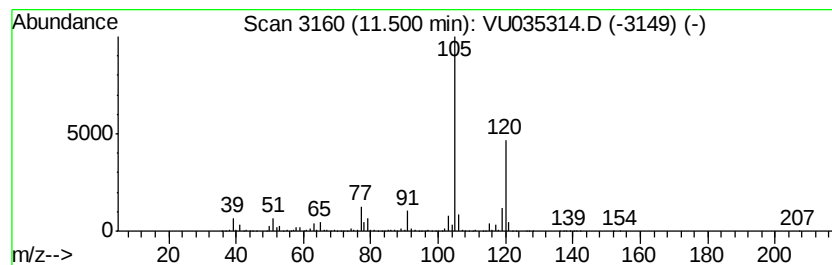
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Quant Title : VOC Analysis

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

Peak Number 31 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	210.82 ug/L	11660700	1,4-Dichlorobenzene-d4	11.84

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		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4		Mesitylene	120	C9H12	000108-67-8	94
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

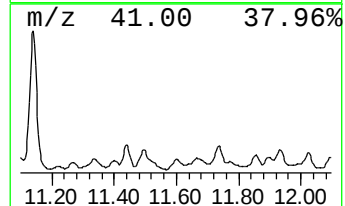
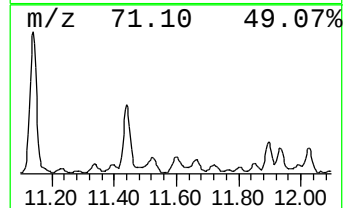
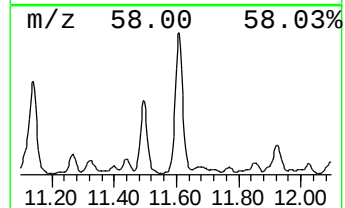
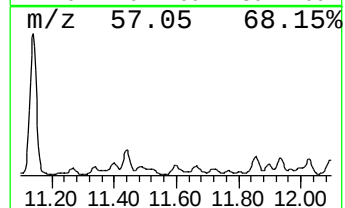
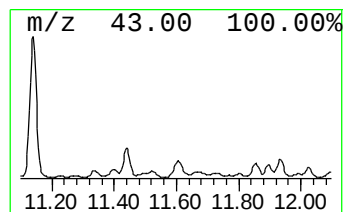
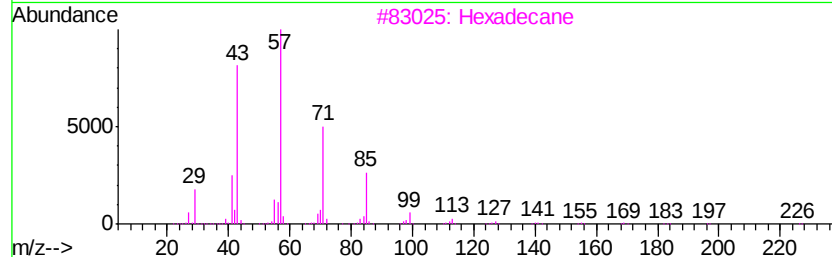
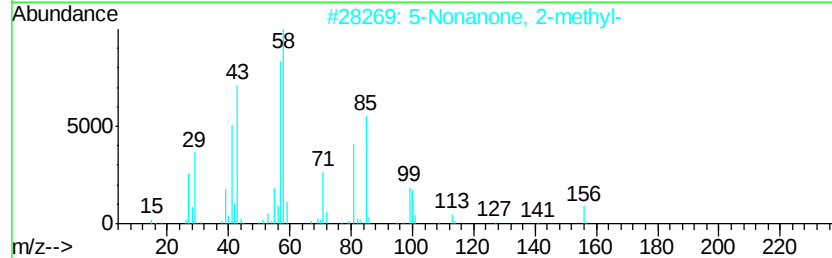
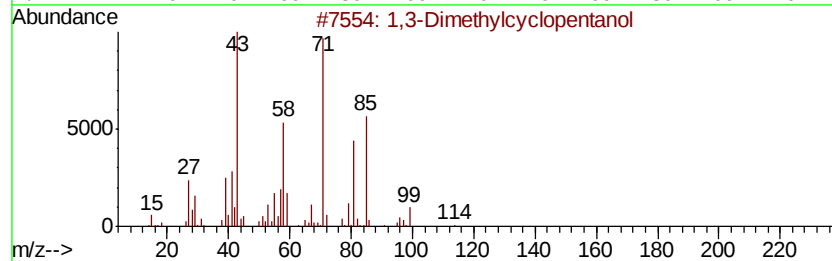
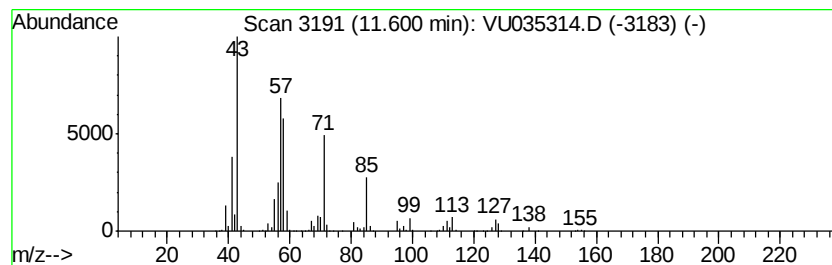
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Quant Title : VOC Analysis

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

Peak Number 32 unknown-01 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	21.96 ug/L	1214780	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	46
2		5-Nonanone, 2-methyl-	156	C10H20O	022287-02-1	43
3		Hexadecane	226	C16H34	000544-76-3	43
4		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	43
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

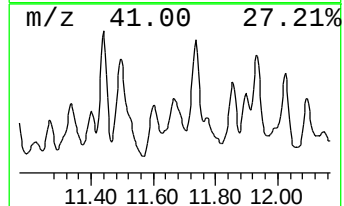
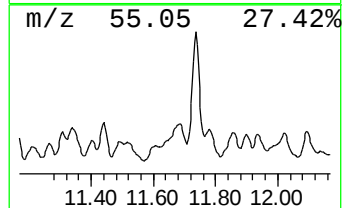
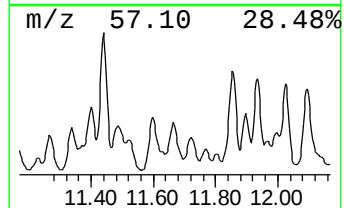
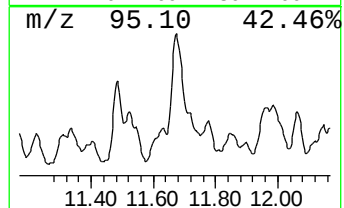
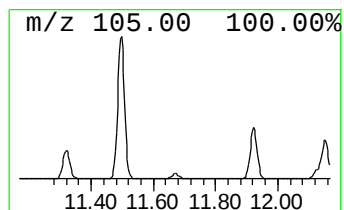
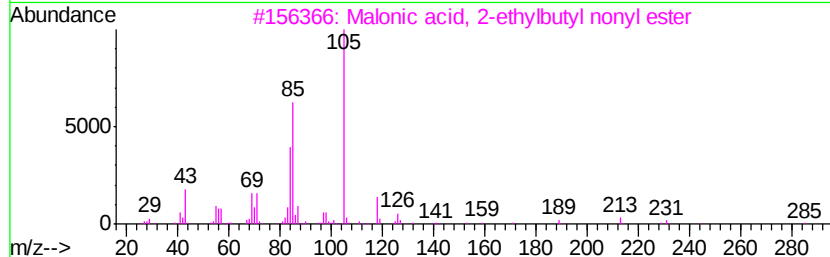
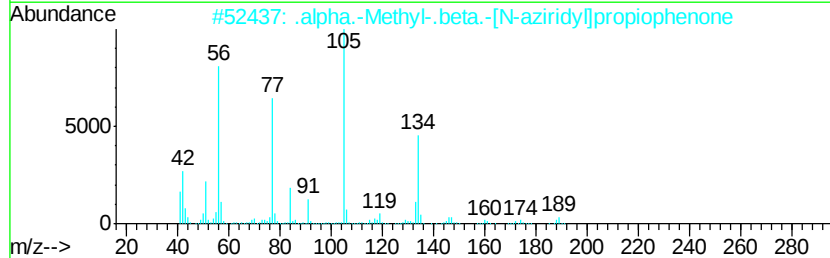
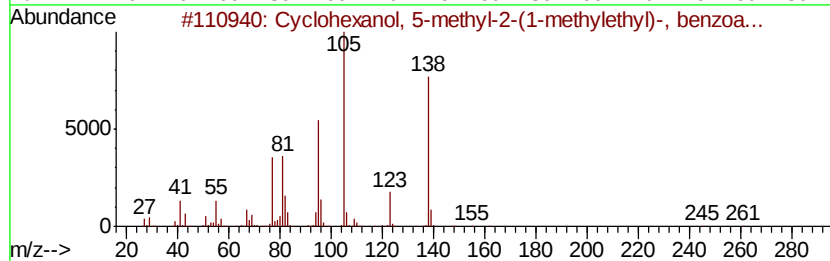
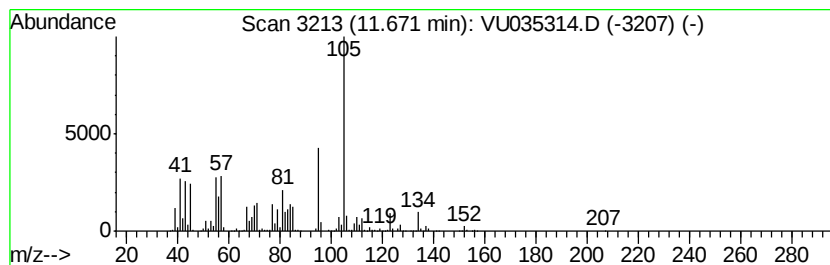
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Quant Title : VOC Analysis

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

Peak Number 33 unknown-02 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	17.73 ug/L	980657	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanol, 5-methyl-2-(1-meth...	260	C17H24O2	006284-35-1	16
2		.alpha.-Methyl-.beta.-[N-aziridy...	189	C12H15NO	1000257-34-9	12
3		Malonic acid, 2-ethylbutyl nonyl...	314	C18H34O4	1000348-96-0	10
4		2-Buten-1-amine, N-butyl-, (Z)-	127	C8H17N	062337-87-5	9
5		Benzoic acid, hex-3-yl ester	206	C13H18O2	1000367-94-6	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

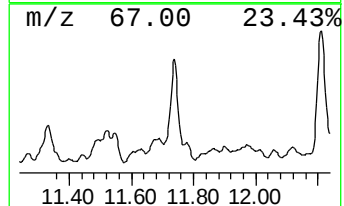
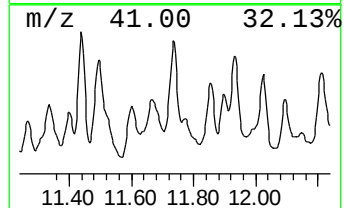
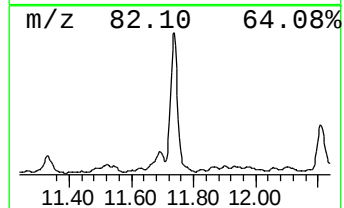
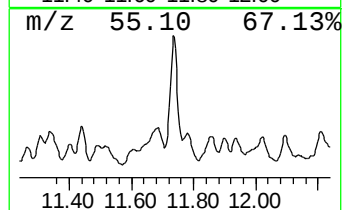
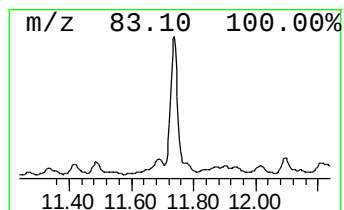
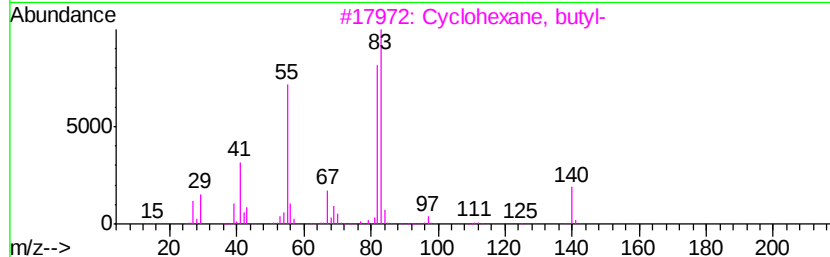
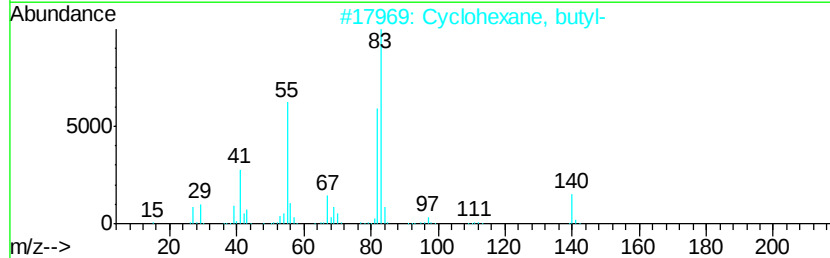
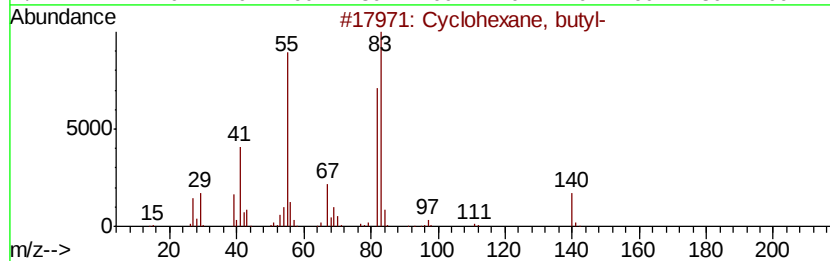
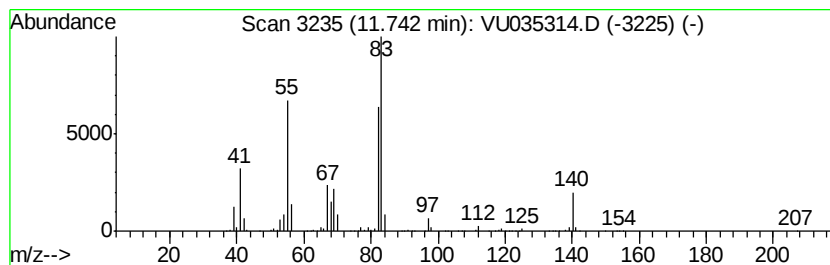
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Quant Title : VOC Analysis

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

Peak Number 34 (DEL) Alkane: Cyclic11.74 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	28.58 ug/L	1580920	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	91
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	90
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	90
4		Cyclohexane, octyl-	196	C14H28	001795-15-9	72
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

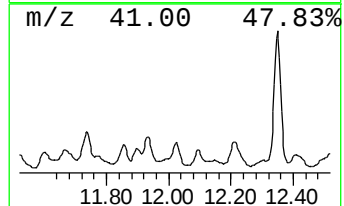
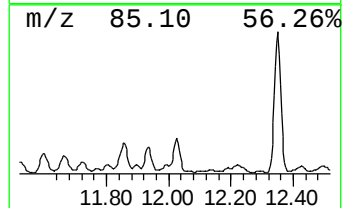
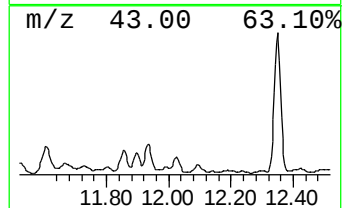
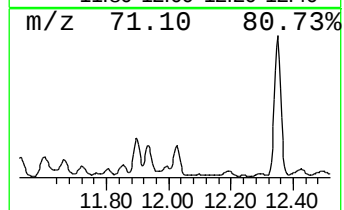
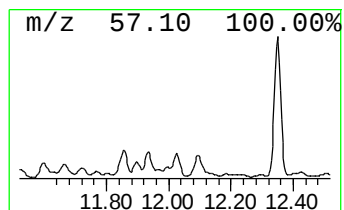
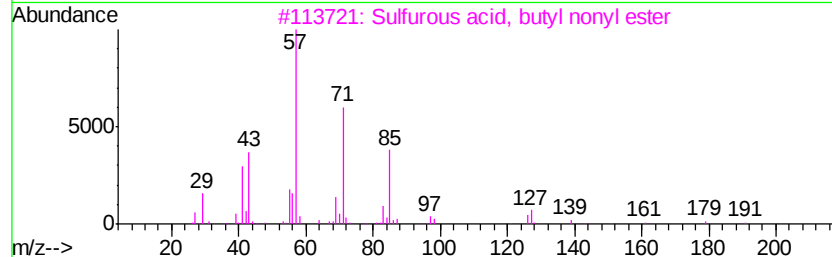
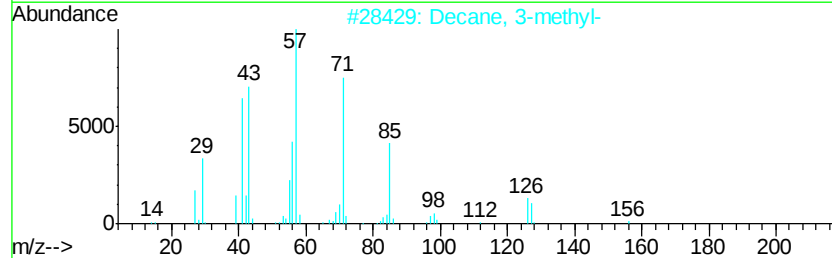
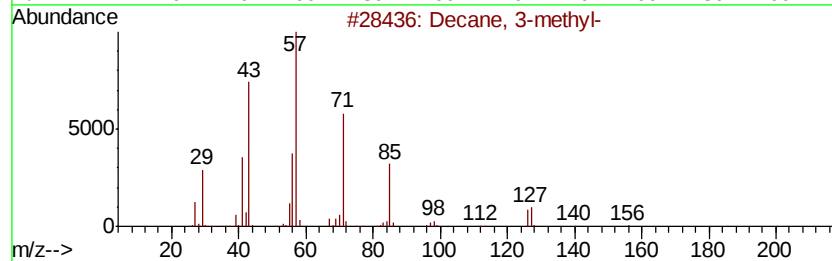
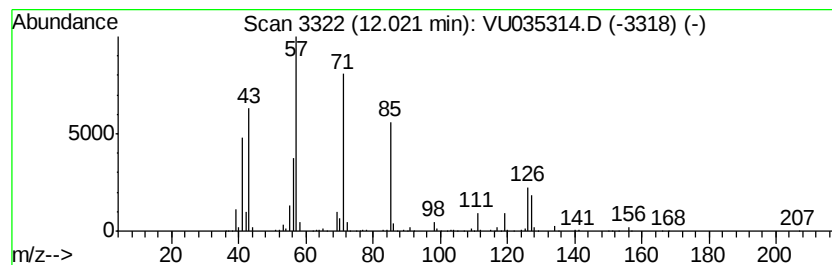
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Quant Title : VOC Analysis

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	18.82 ug/L	1041050	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	90
2		Decane, 3-methyl-	156	C11H24	013151-34-3	87
3		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	64
4		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	59
5		Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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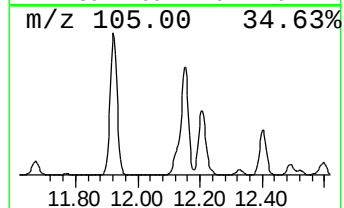
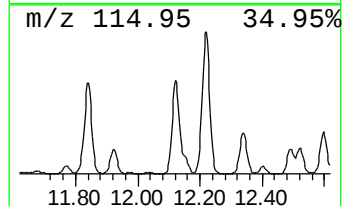
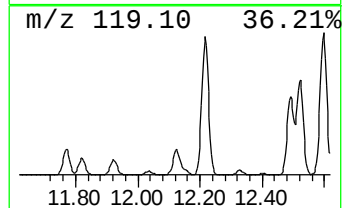
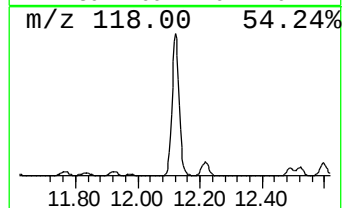
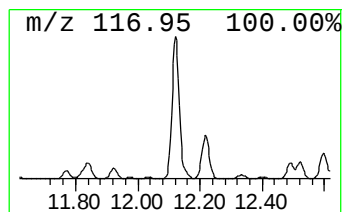
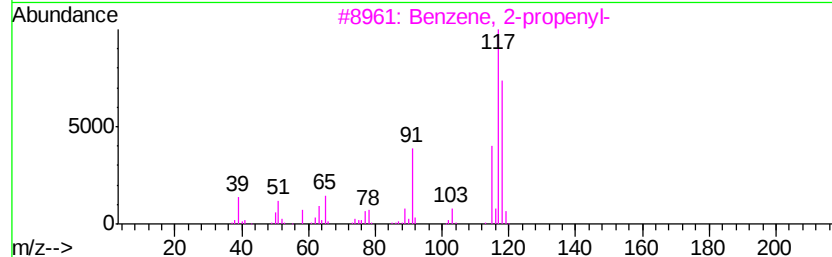
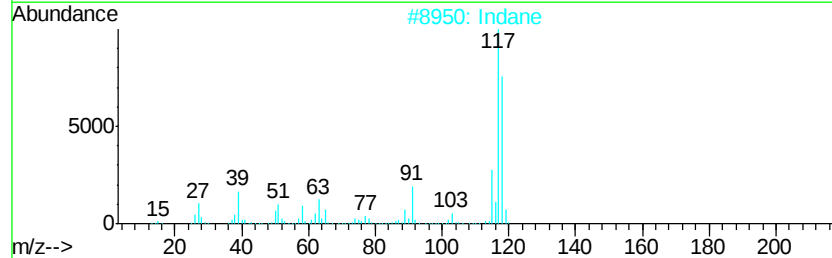
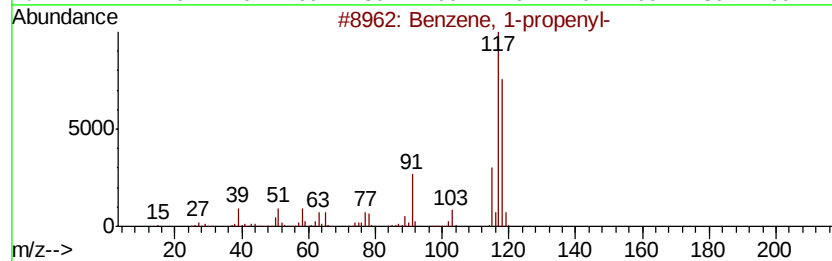
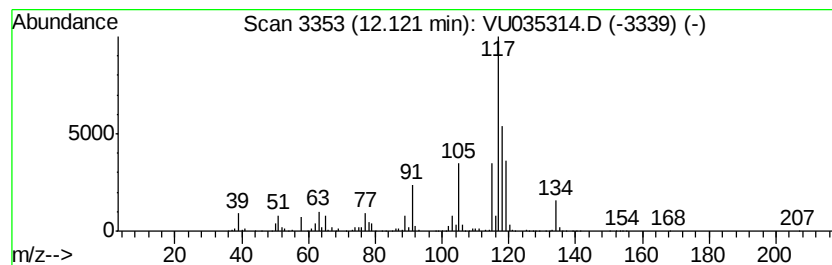
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Quant Title : VOC Analysis

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

Peak Number 37 Benzene, 1-propenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	54.15 ug/L	2995180	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	91
2		Indane	118	C9H10	000496-11-7	60
3		Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
5		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

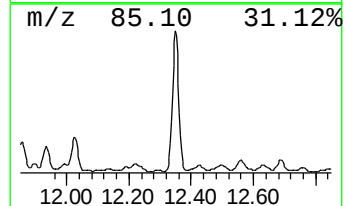
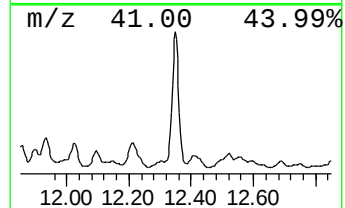
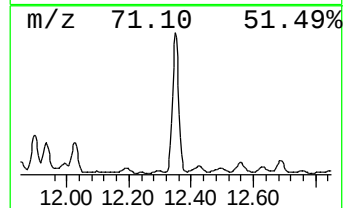
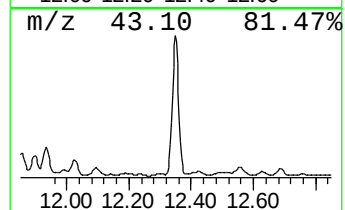
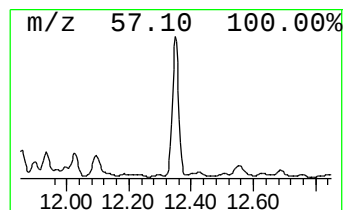
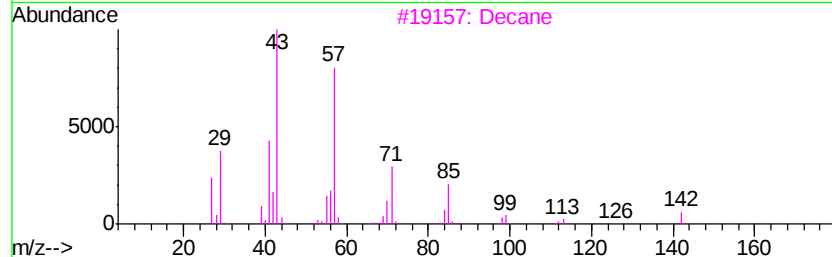
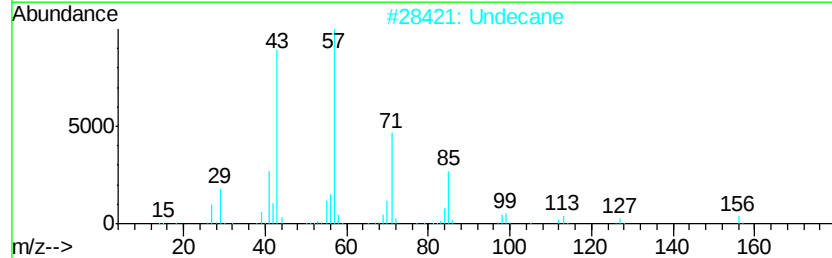
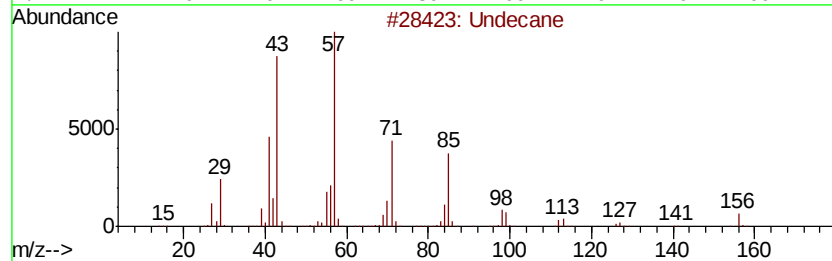
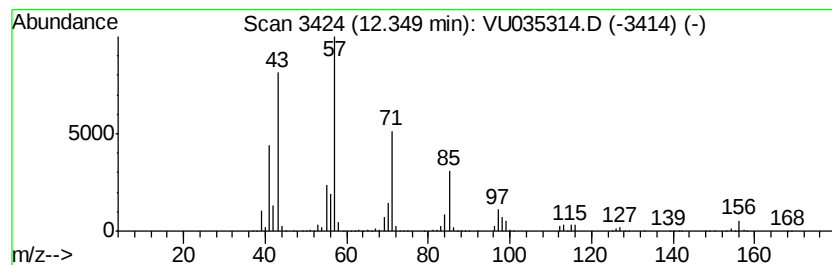
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Quant Title : VOC Analysis

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	111.26 ug/L	6153940	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	93
2		Undecane	156	C11H24	001120-21-4	93
3		Decane	142	C10H22	000124-18-5	91
4		Undecane	156	C11H24	001120-21-4	90
5		Undecane	156	C11H24	001120-21-4	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

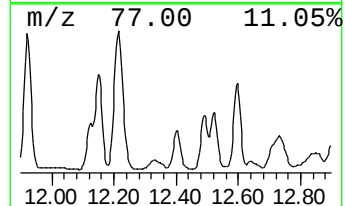
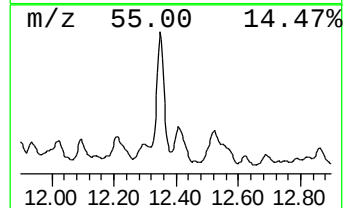
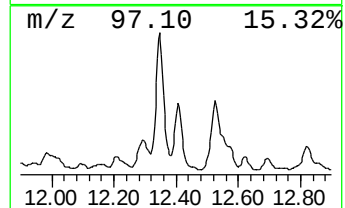
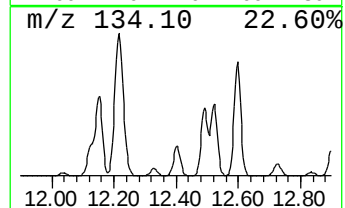
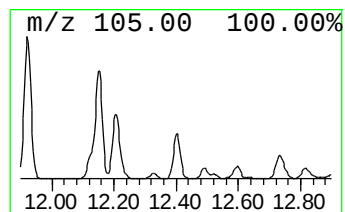
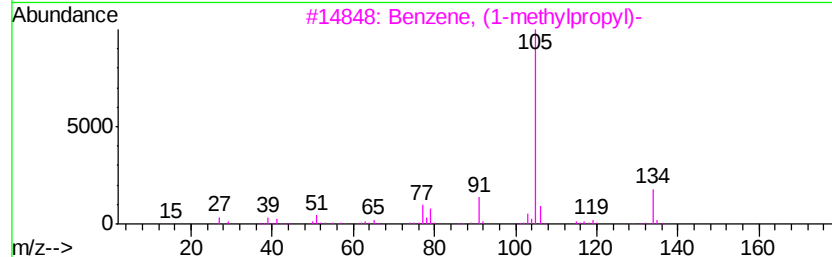
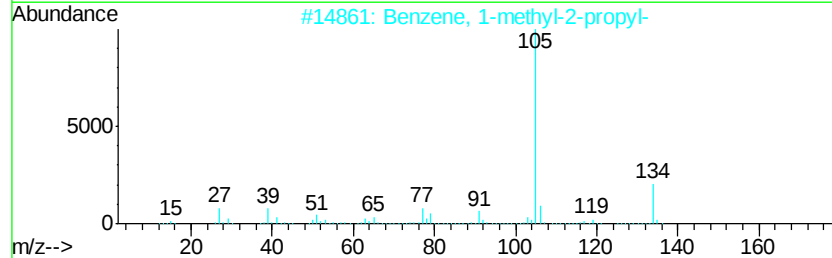
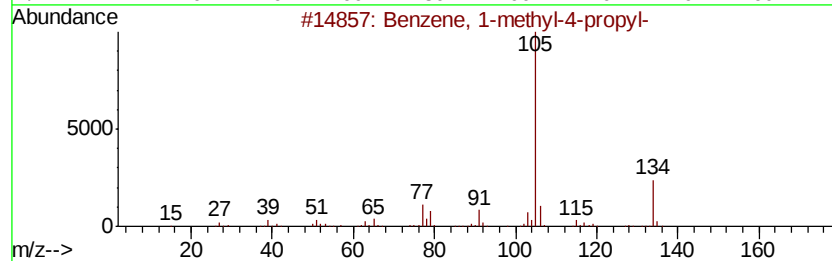
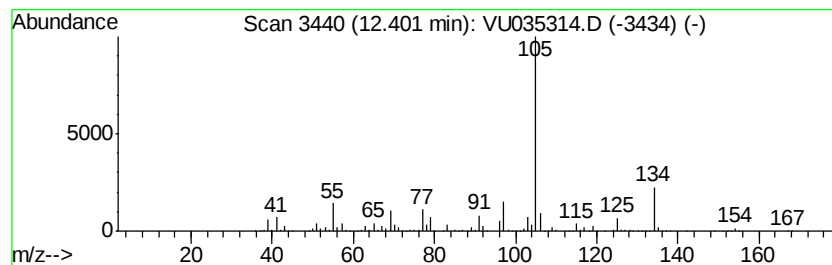
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Quant Title : VOC Analysis

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

Peak Number 39 Benzene, 1-methyl-4-propyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	36.06 ug/L	1994610	1,4-Dichlorobenzene-d4	11.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	92
2			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	64
4			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64
5			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

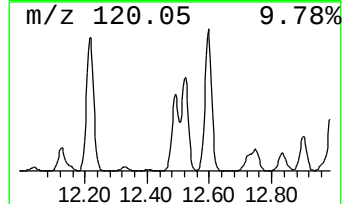
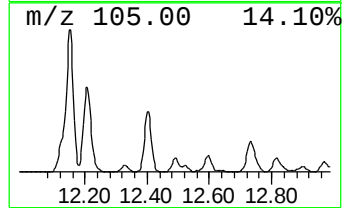
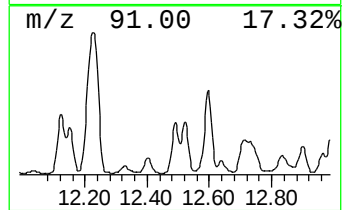
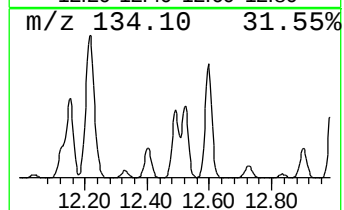
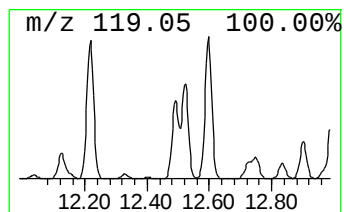
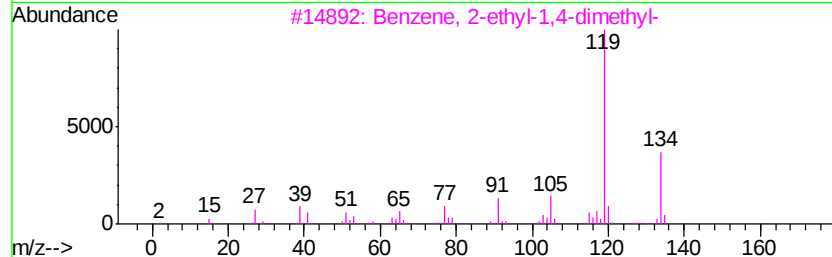
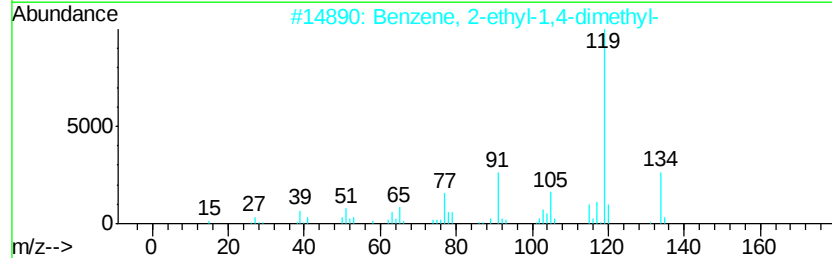
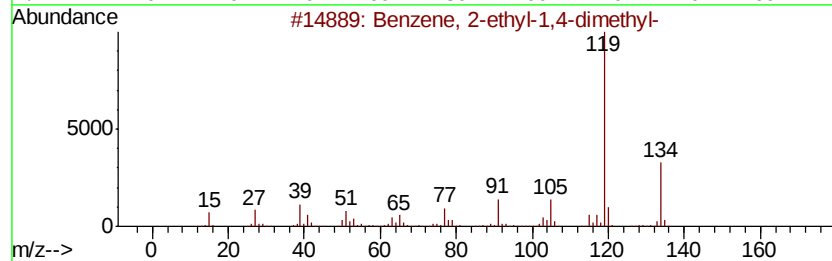
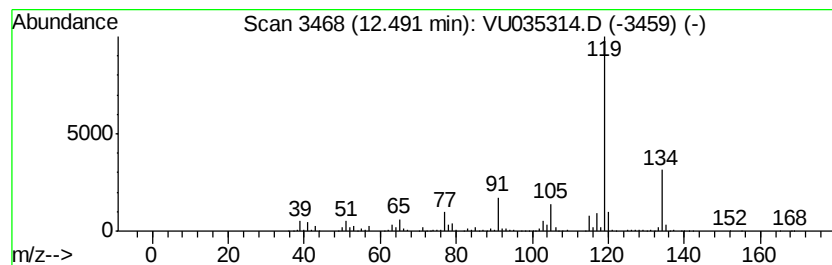
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Quant Title : VOC Analysis

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

Peak Number 40 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	33.85 ug/L	1872360	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

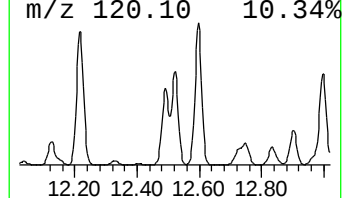
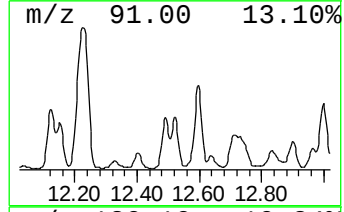
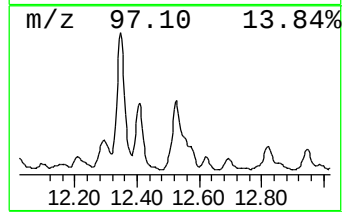
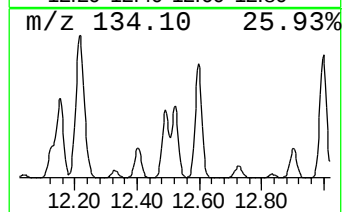
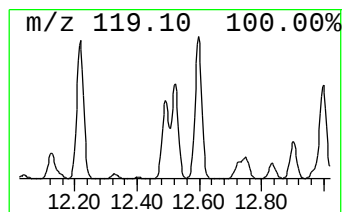
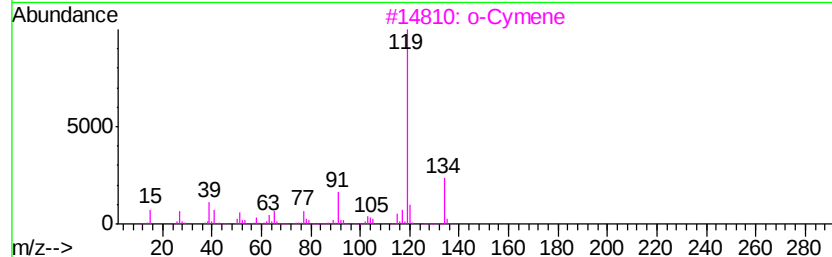
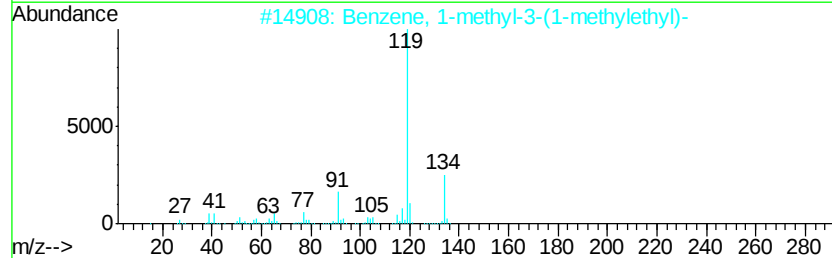
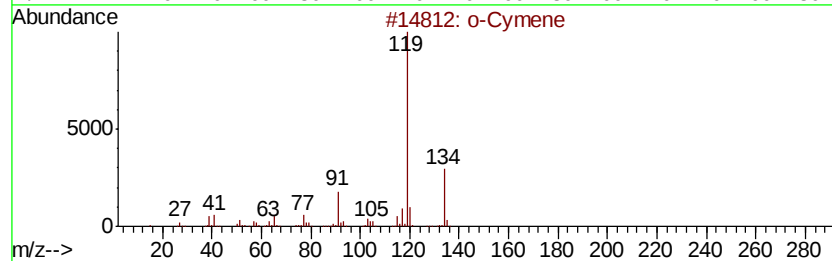
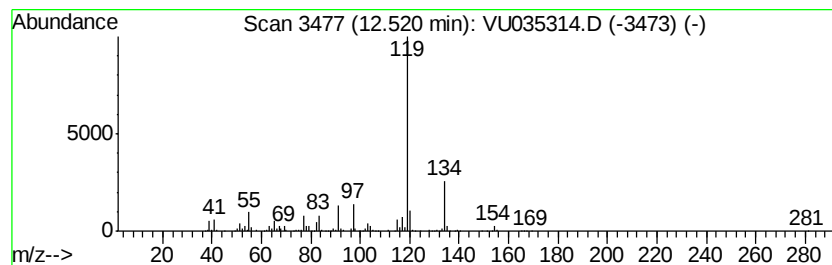
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Quant Title : VOC Analysis

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

Peak Number 41 o-Cymene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	29.19 ug/L	1614330	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	95
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3		o-Cymene	134	C10H14	000527-84-4	93
4		p-Cymene	134	C10H14	000099-87-6	93
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

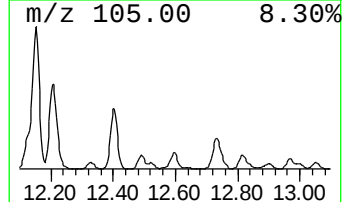
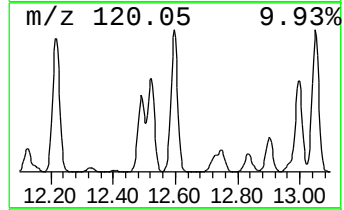
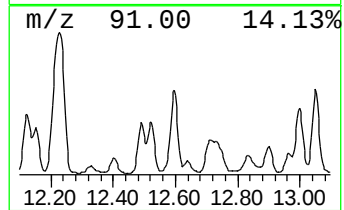
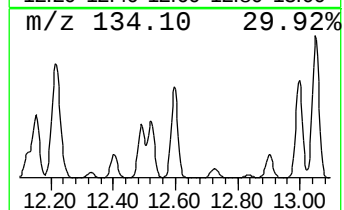
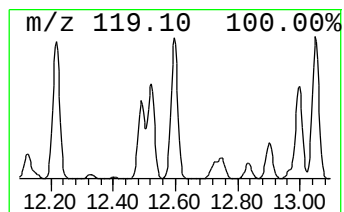
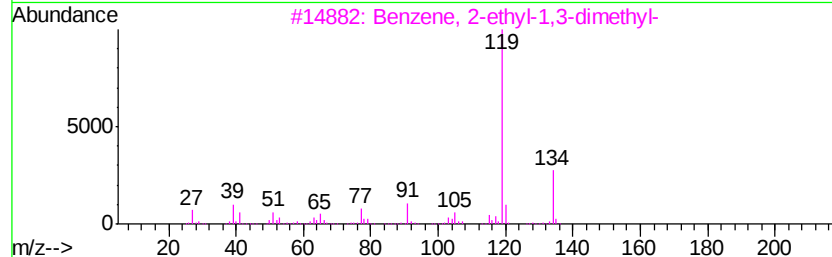
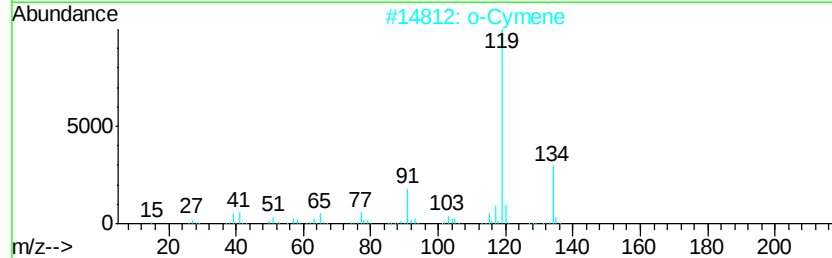
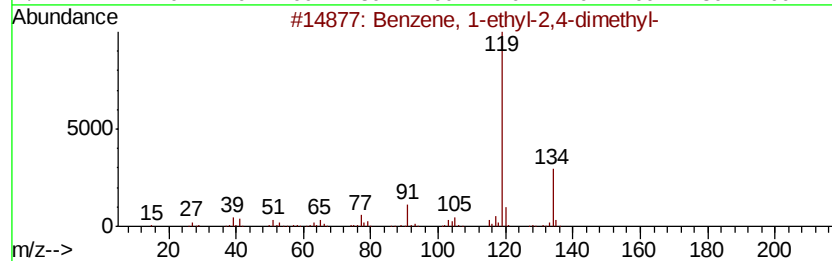
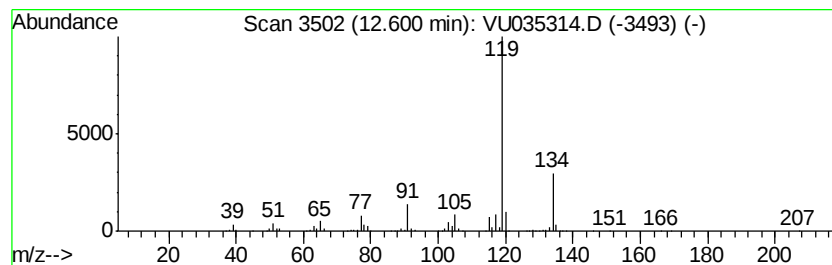
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Quant Title : VOC Analysis

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

Peak Number 42 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	43.31 ug/L	2395560	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2		o-Cymene	134	C10H14	000527-84-4	97
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

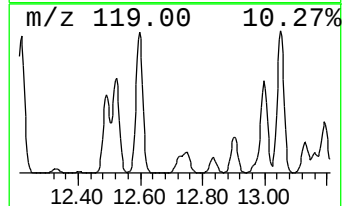
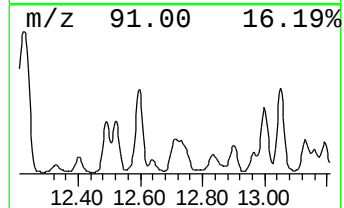
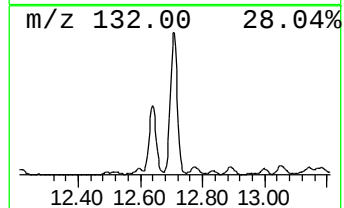
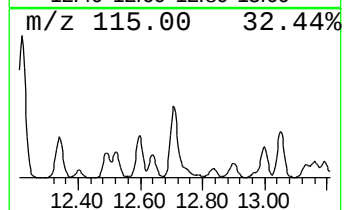
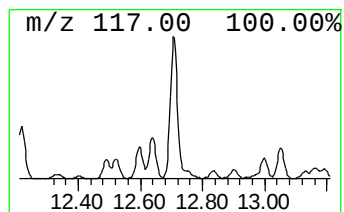
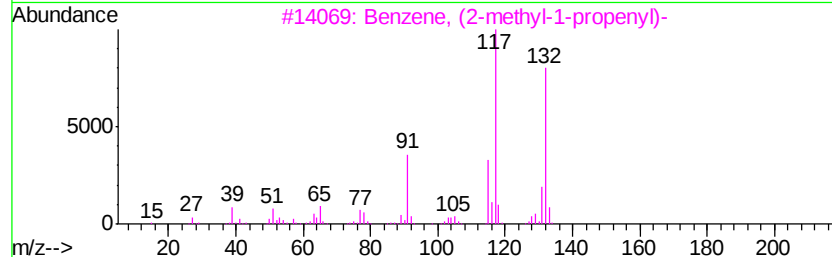
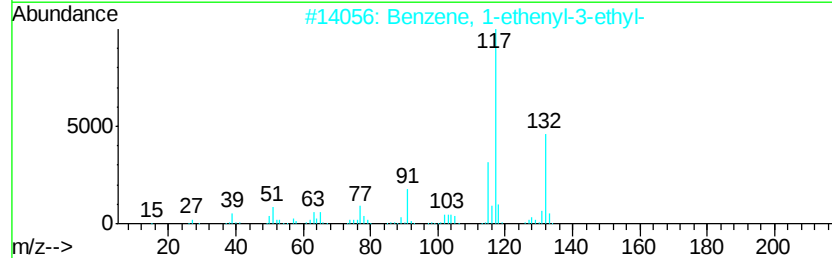
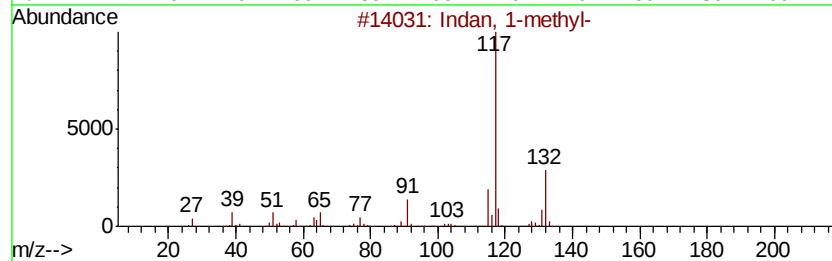
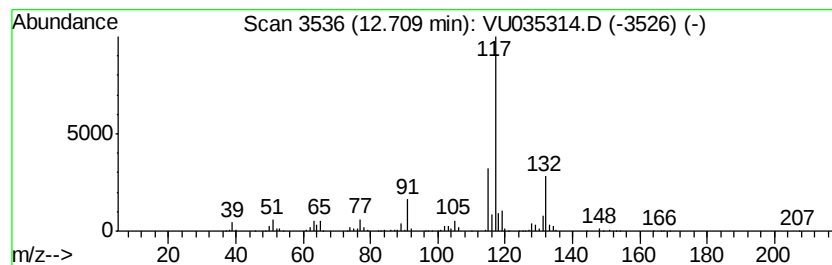
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Quant Title : VOC Analysis

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

Peak Number 43 Indan, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	49.98 ug/L	2764170	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indan, 1-methyl-	132	C10H12	000767-58-8	94
2		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
4		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

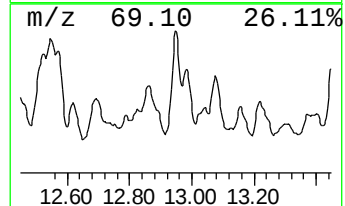
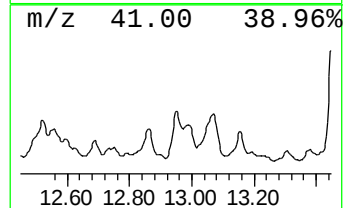
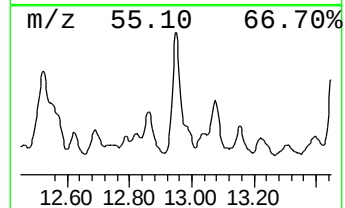
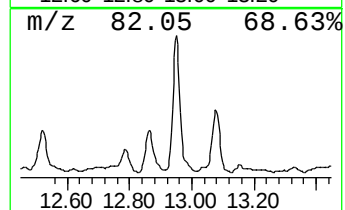
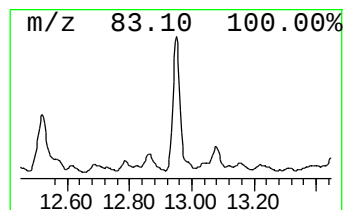
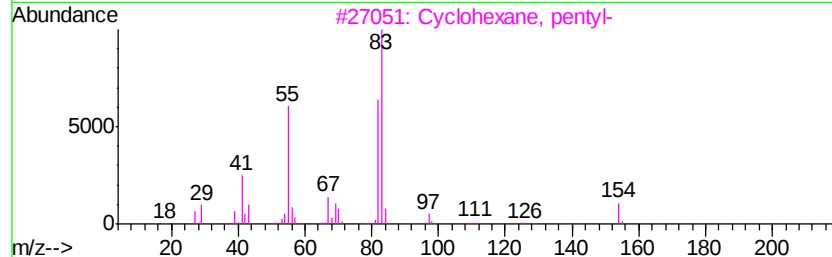
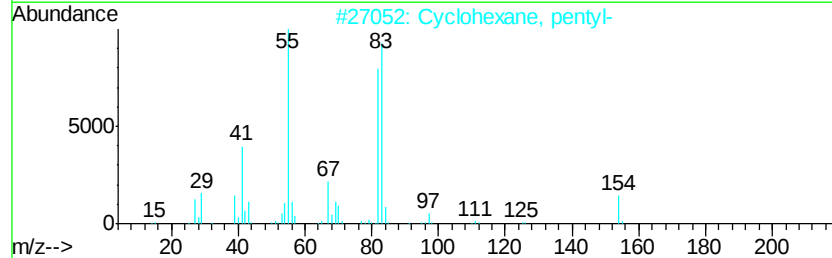
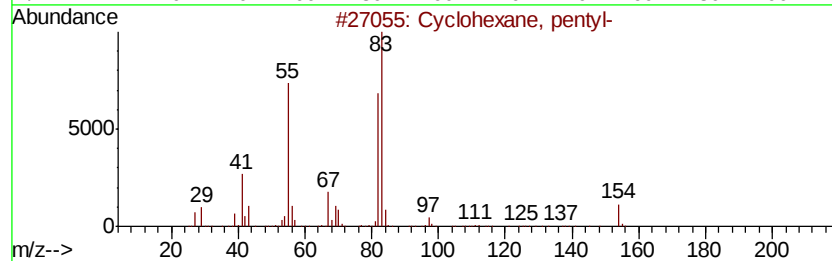
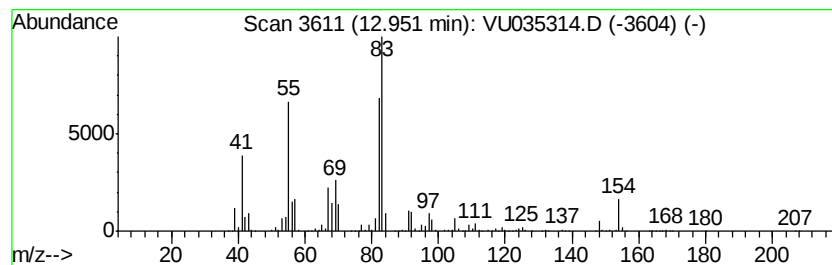
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Quant Title : VOC Analysis

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

Peak Number 44 (DEL) Alkane: Cyclic12.95 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	21.37 ug/L	1181830	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	81
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	68
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
4		Cyclohexane, undecyl-	238	C17H34	054105-66-7	59
5		Cyclohexane, hexyl-	168	C12H24	004292-75-5	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

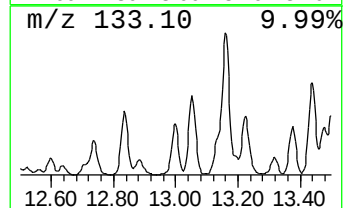
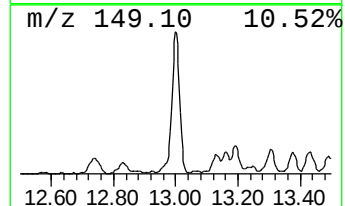
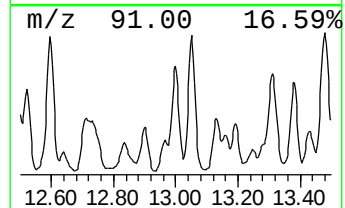
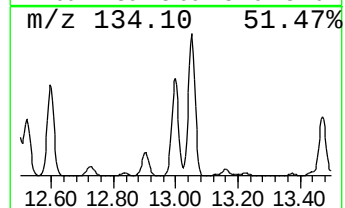
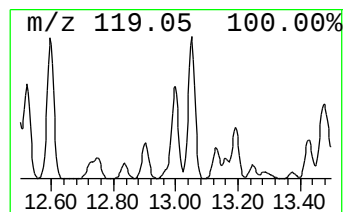
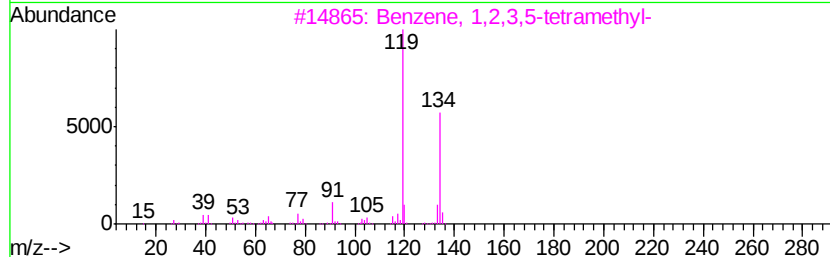
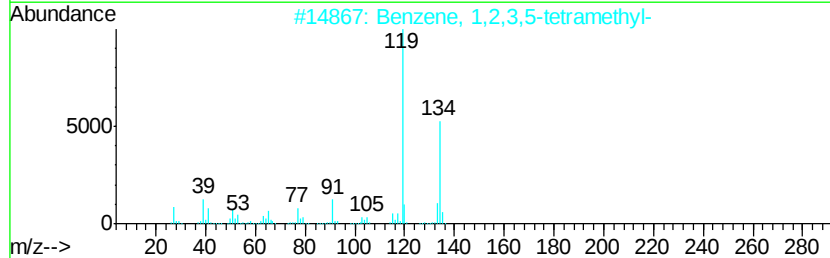
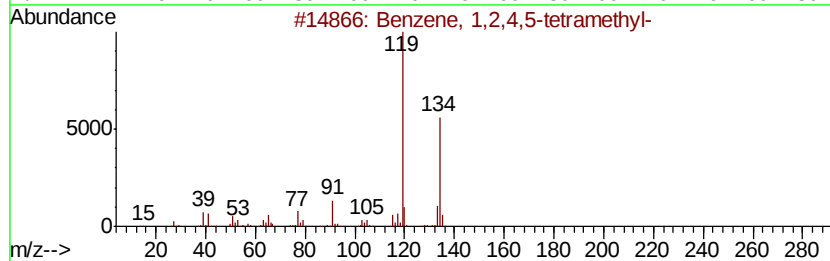
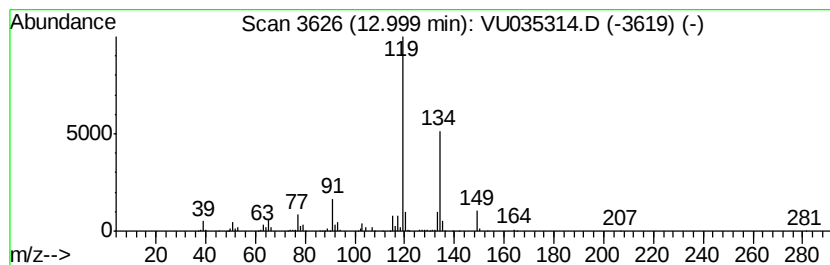
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Quant Title : VOC Analysis

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

Peak Number 45 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	40.39 ug/L	2233810	1,4-Dichlorobenzene-d4	11.84

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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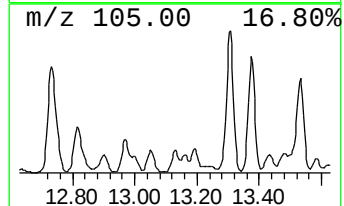
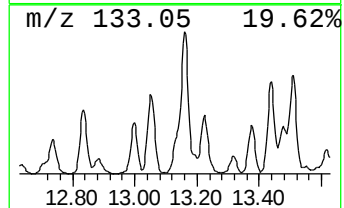
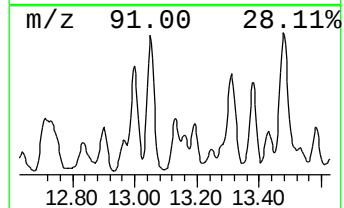
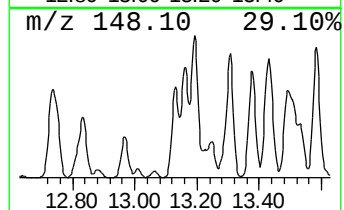
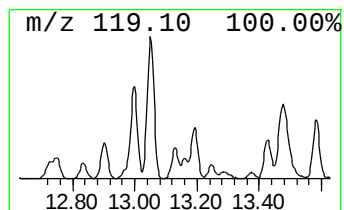
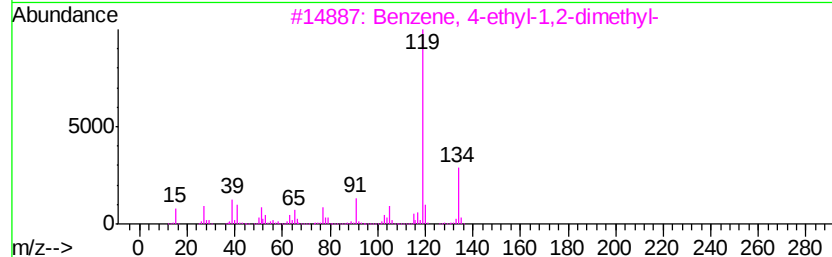
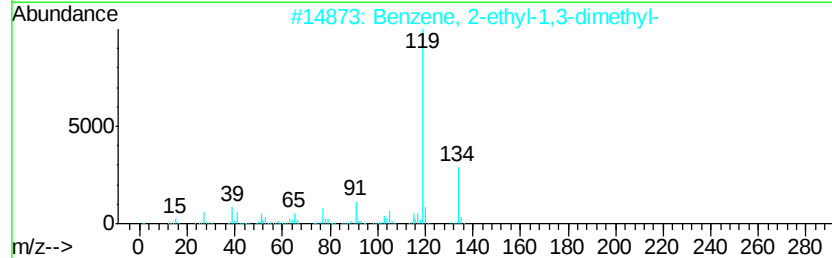
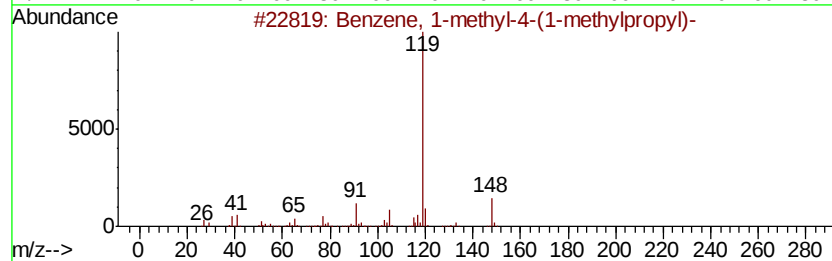
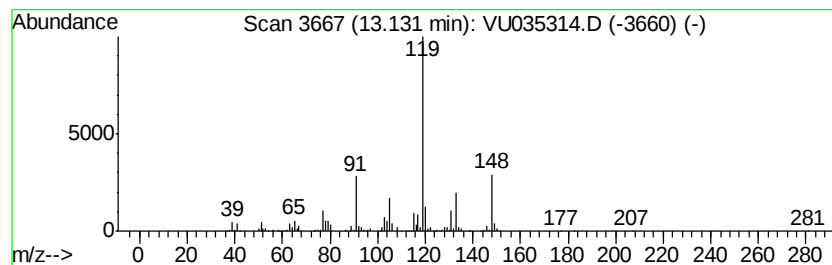
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Quant Title : VOC Analysis

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

Peak Number 47 Benzene, 1-methyl-4-(1-meth... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	12.26 ug/L	678006	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	76
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

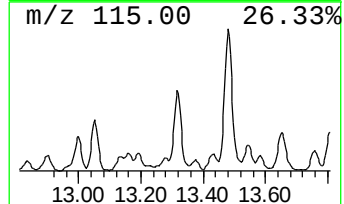
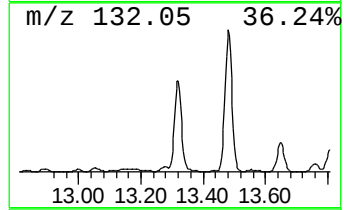
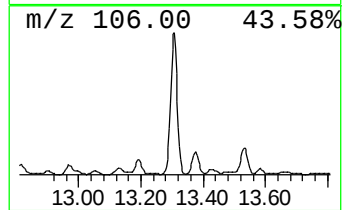
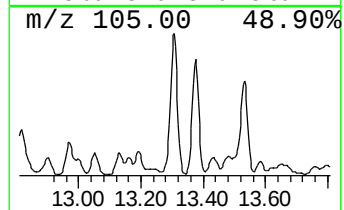
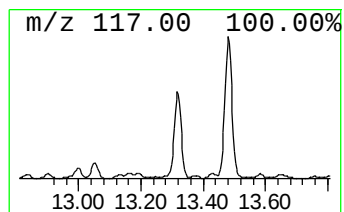
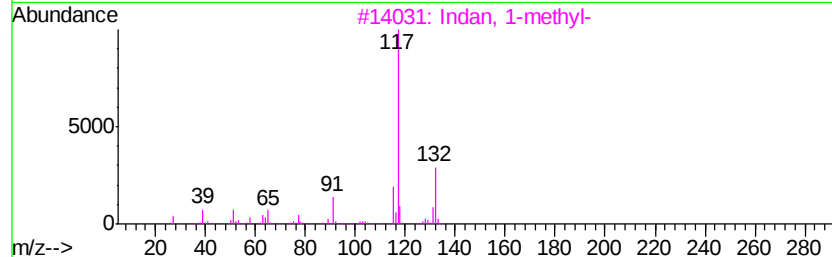
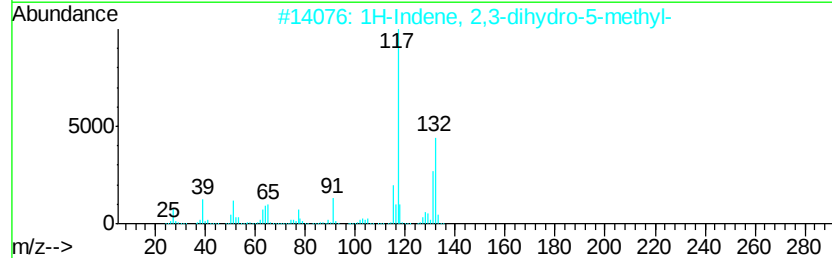
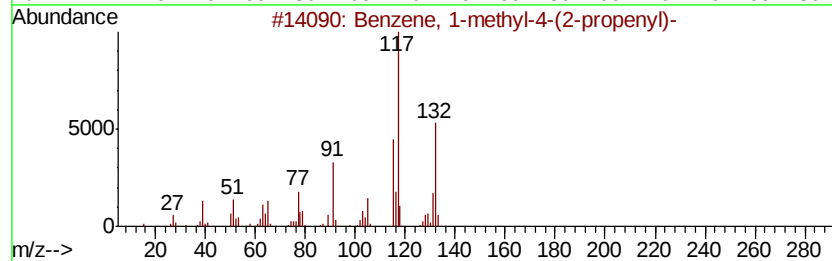
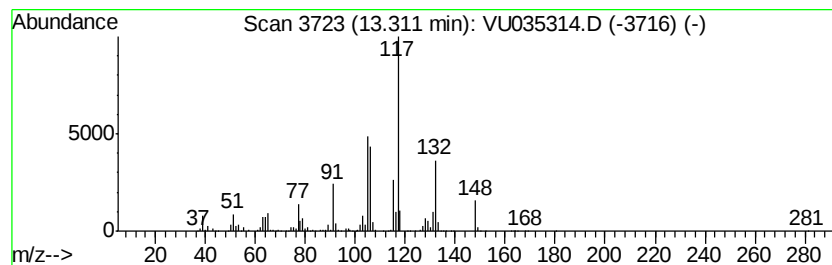
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Quant Title : VOC Analysis

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

Peak Number 49 Benzene, 1-methyl-4-(2-prop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	46.47 ug/L	2570100	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	91
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	83
3		Indan, 1-methyl-	132	C10H12	000767-58-8	76
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	76
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

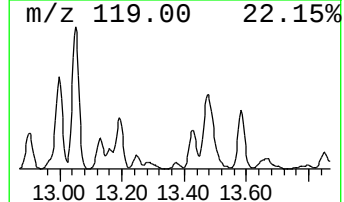
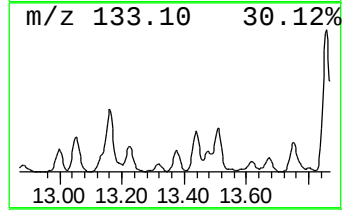
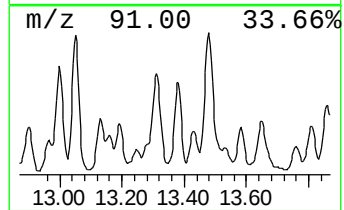
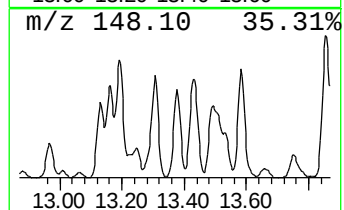
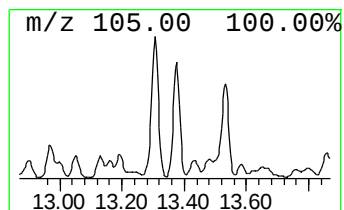
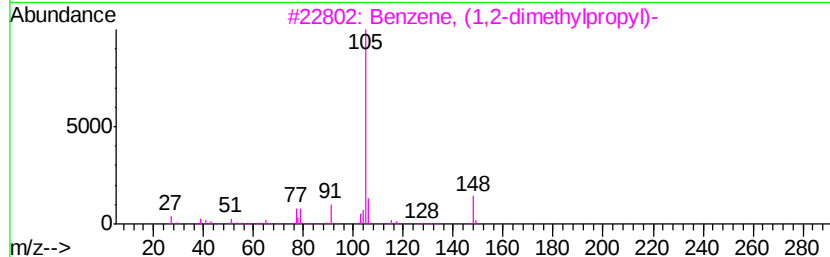
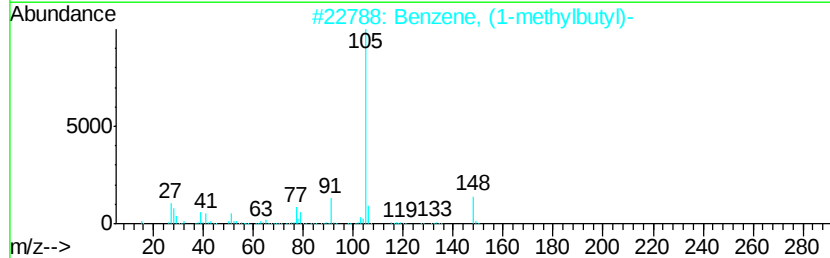
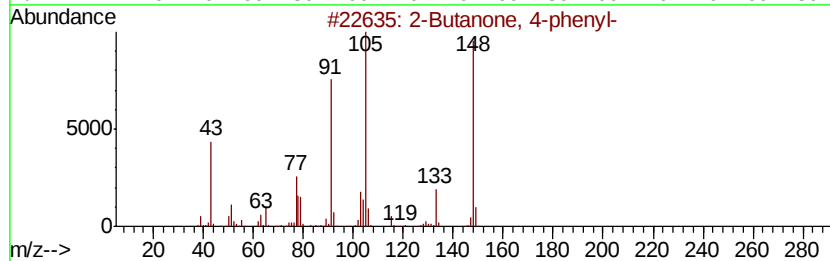
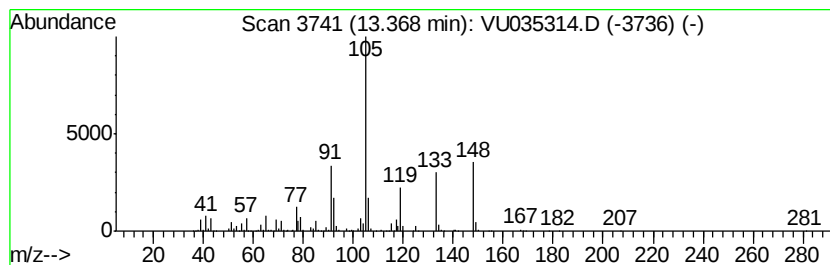
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Quant Title : VOC Analysis

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

Peak Number 50 unknown-03 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	14.79 ug/L	818290	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	46
2		Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	43
3		Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	43
4		Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	38
5		1-Butanone, 1-phenyl-	148	C10H12O	000495-40-9	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

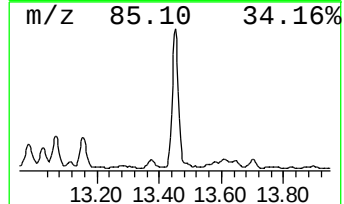
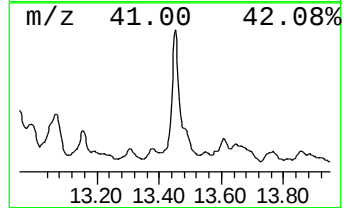
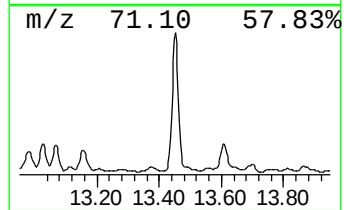
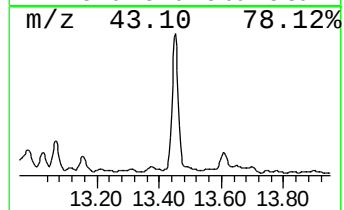
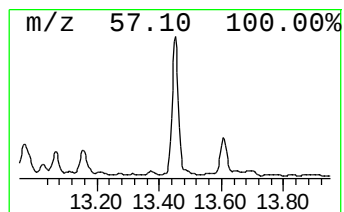
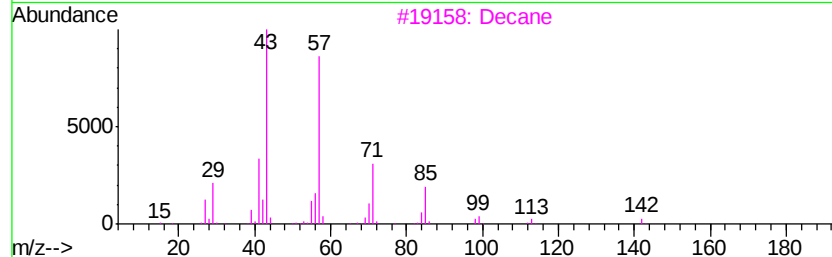
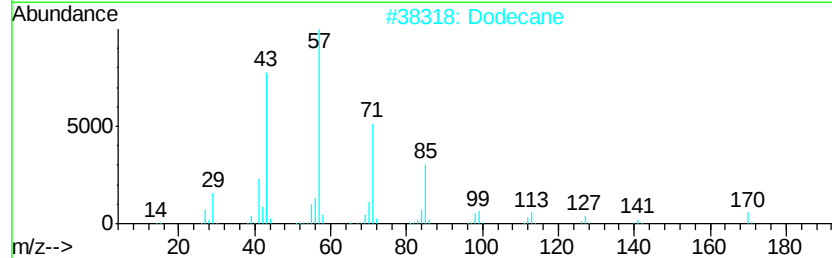
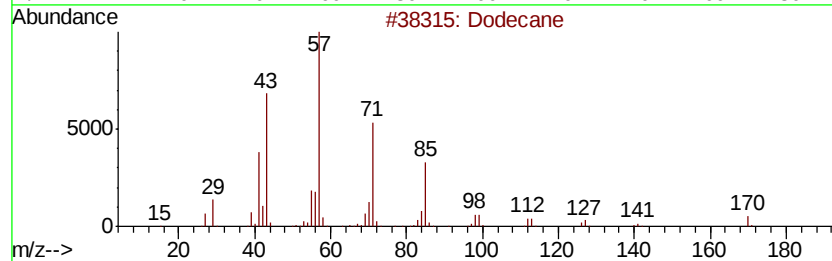
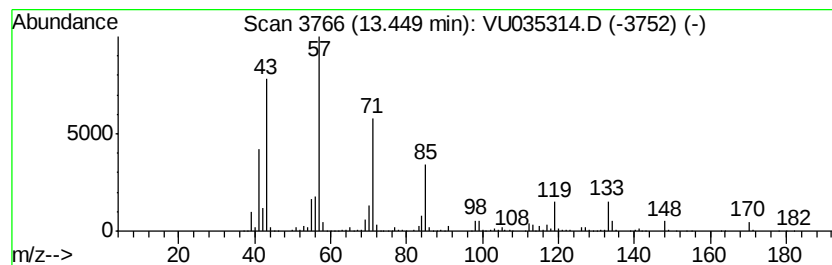
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Quant Title : VOC Analysis

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

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	51.81 ug/L	2865590	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	96
2		Dodecane	170	C12H26	000112-40-3	76
3		Decane	142	C10H22	000124-18-5	64
4		Tetradecane	198	C14H30	000629-59-4	58
5		Hexadecane	226	C16H34	000544-76-3	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
BF6L3

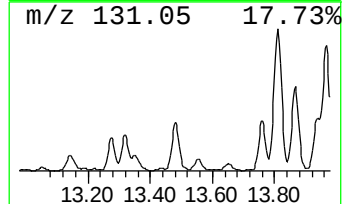
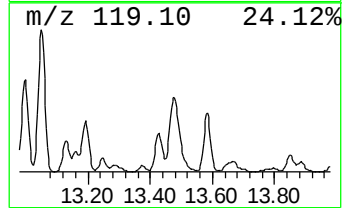
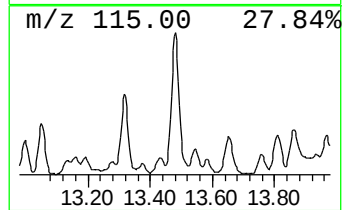
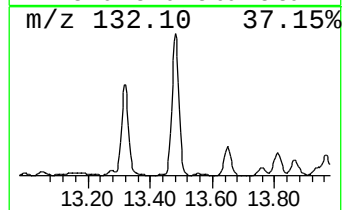
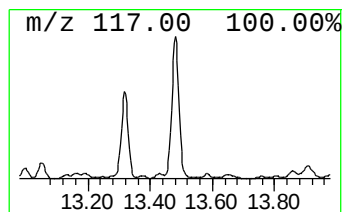
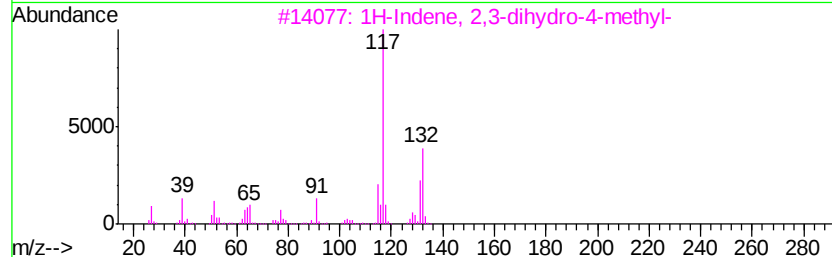
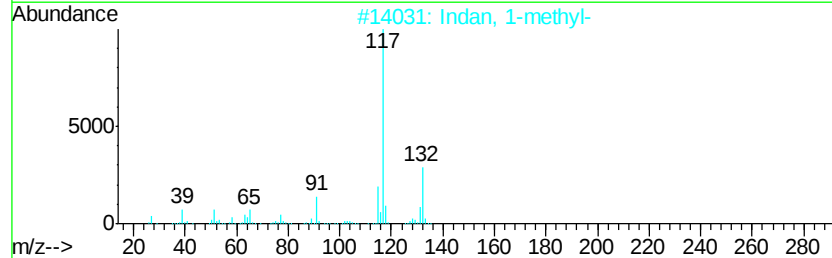
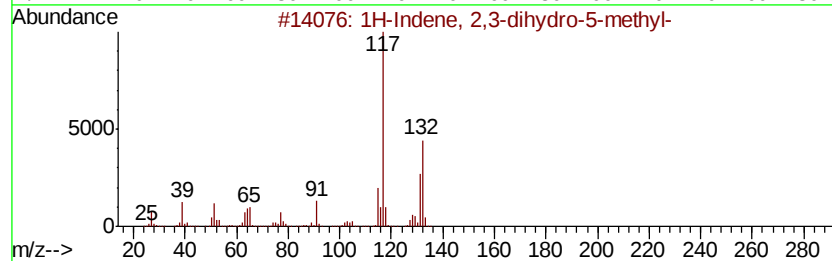
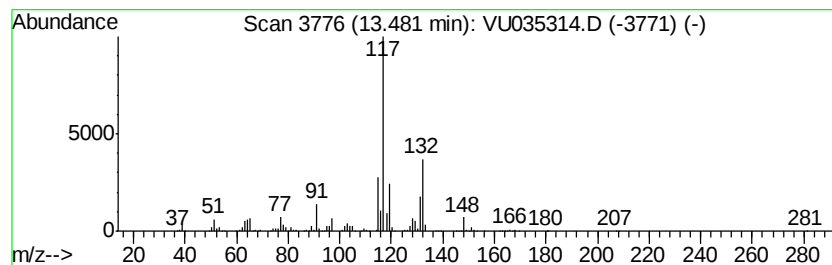
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Quant Title : VOC Analysis

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

Peak Number 52 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	78.86 ug/L	4361740	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	89
2		Indan, 1-methyl-	132	C10H12	000767-58-8	81
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	81
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

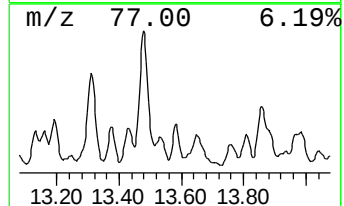
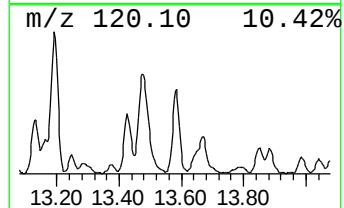
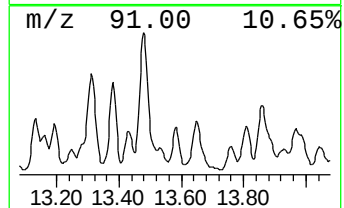
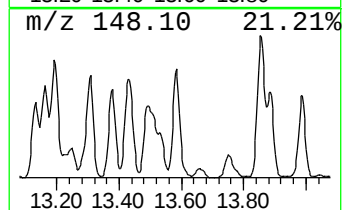
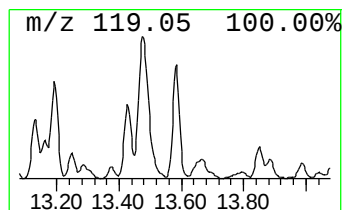
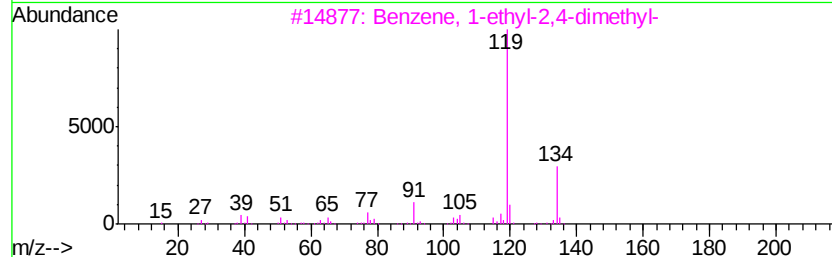
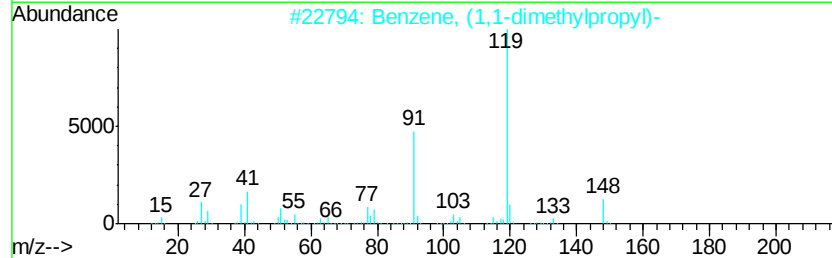
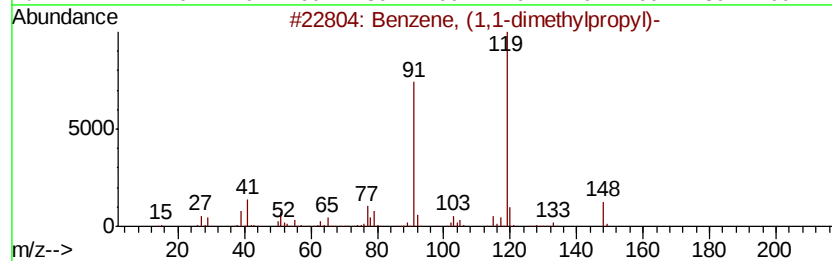
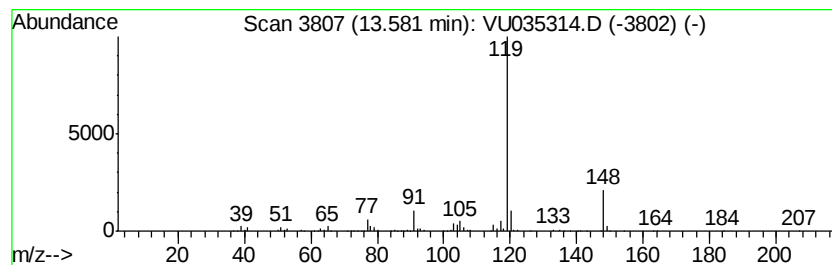
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Quant Title : VOC Analysis

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

Peak Number 53 Benzene, (1,1-dimethylpropyl)- Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	11.36 ug/L	628259	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	90
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	83
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

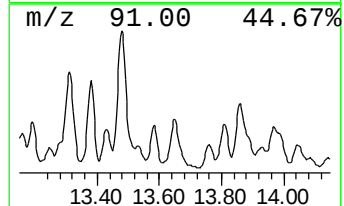
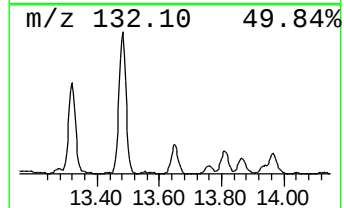
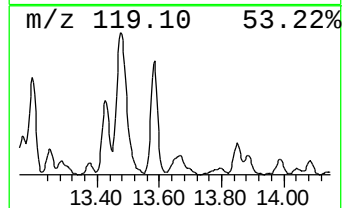
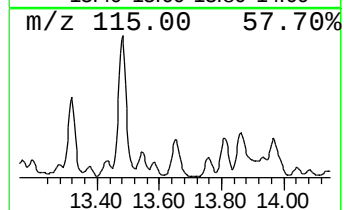
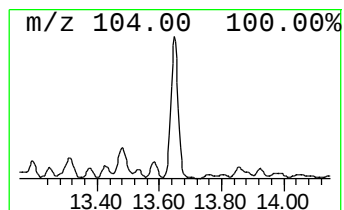
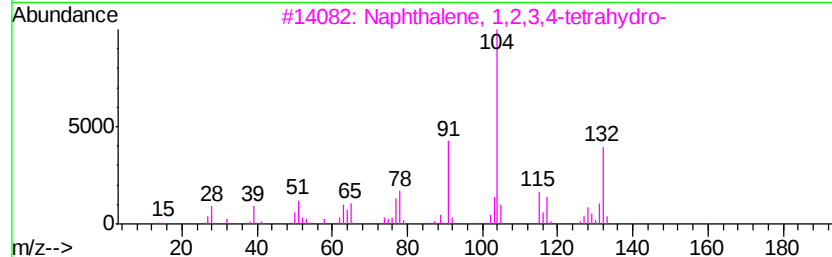
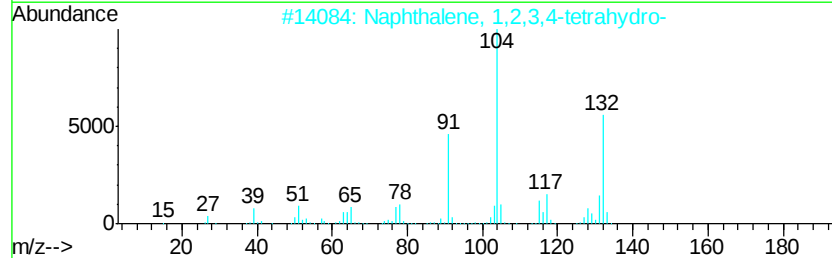
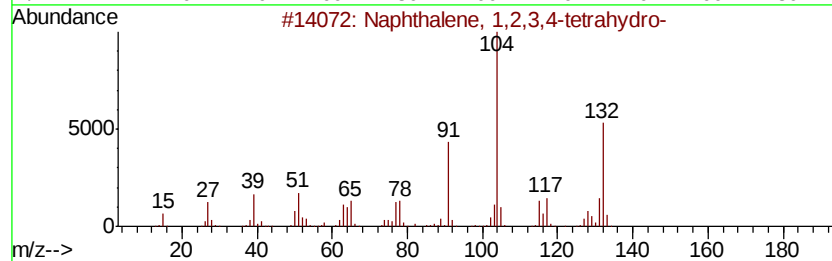
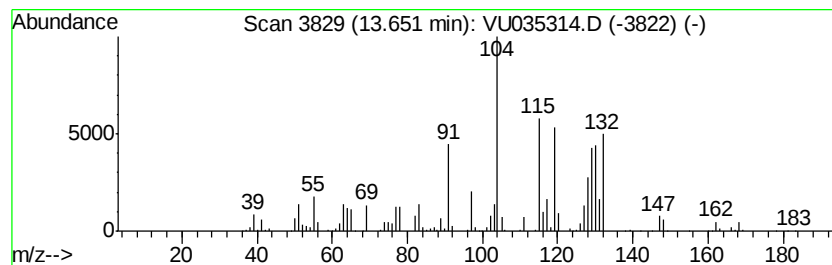
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Quant Title : VOC Analysis

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

Peak Number 54 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	41.17 ug/L	2277060	1,4-Dichlorobenzene-d4	11.84

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	80
3		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	55
4		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	42
5		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

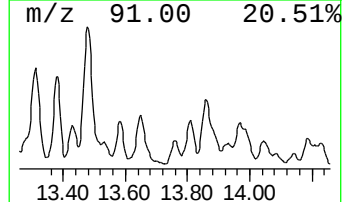
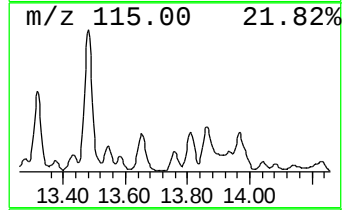
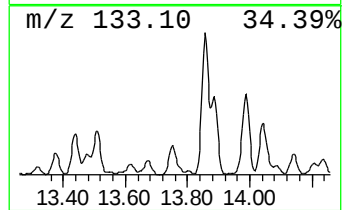
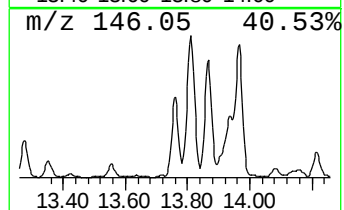
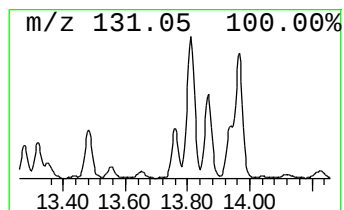
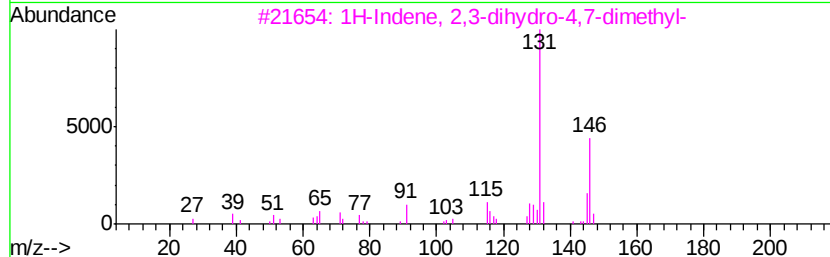
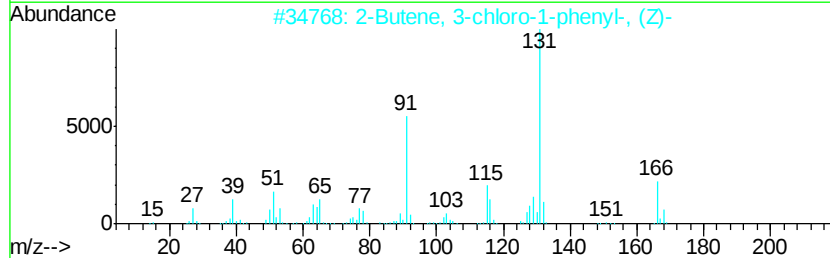
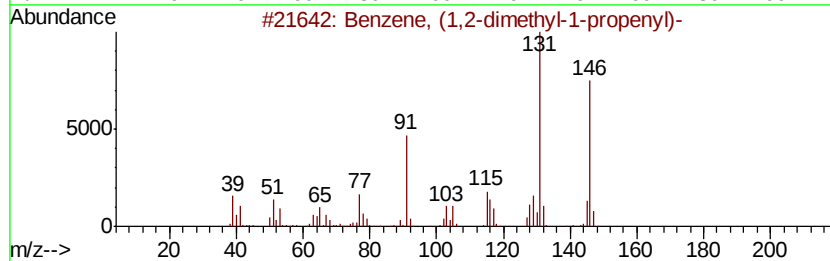
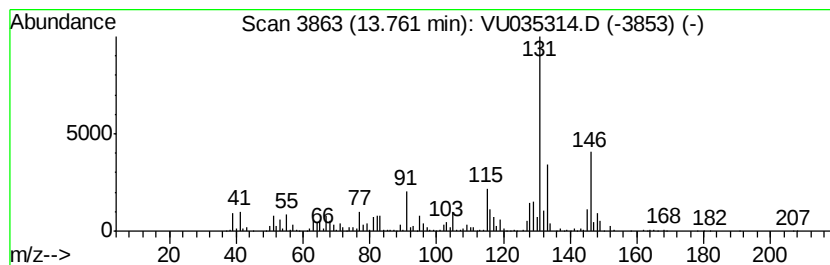
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Quant Title : VOC Analysis

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

Peak Number 55 Benzene, (1,2-dimethyl-1-propenyl)- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	20.13 ug/L	1113630	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	95
2		2-Butene, 3-chloro-1-phenyl-, (Z)-	166	C10H11Cl	016608-68-7	90
3		1H-Indene, 2,3-dihydro-4,7-dimethyl-	146	C11H14	006682-71-9	89
4		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	89
5		1H-Indene, 2,3-dihydro-1,2-dimethyl-	146	C11H14	017057-82-8	89



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

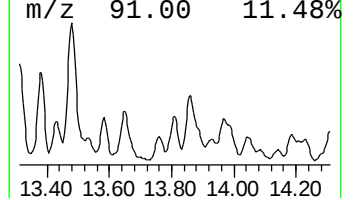
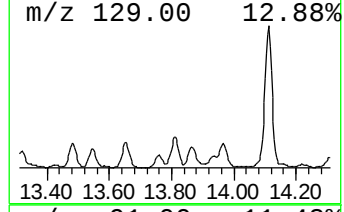
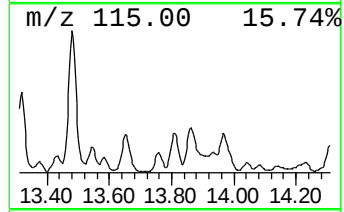
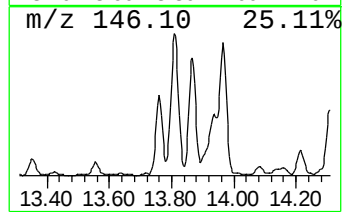
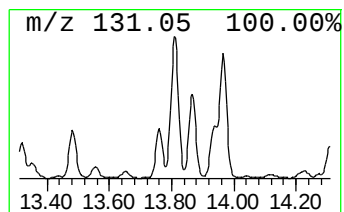
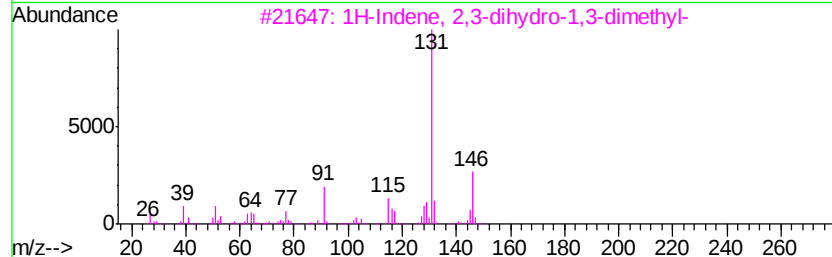
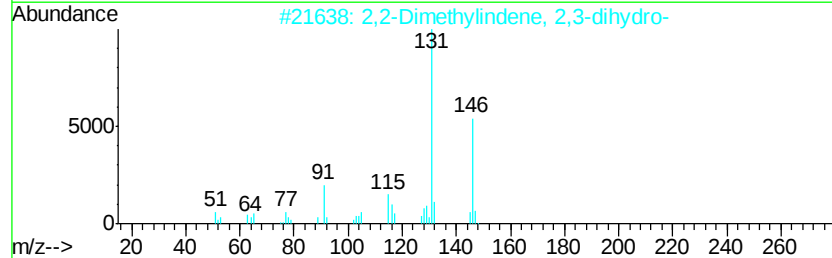
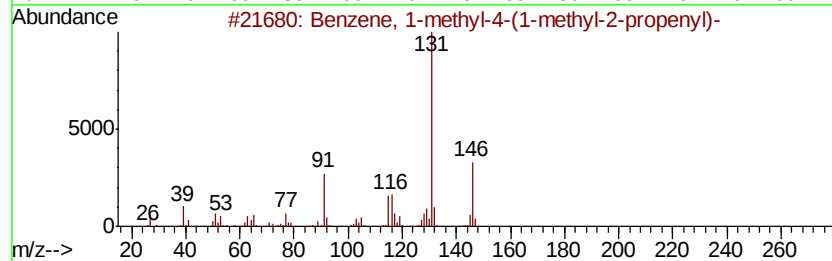
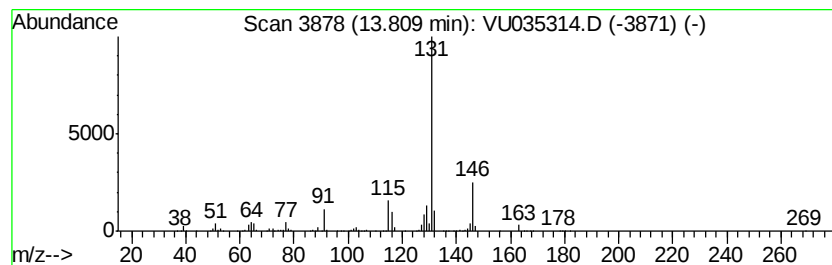
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Quant Title : VOC Analysis

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

Peak Number 56 Benzene, 1-methyl-4-(1-meth... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	17.59 ug/L	973078	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
2		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
3		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
4		Naphthalene, 1,2,3,4-tetrahydro-	146	C11H14	001559-81-5	91
5		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

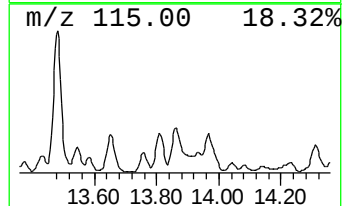
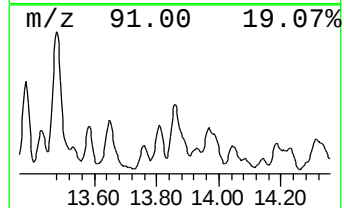
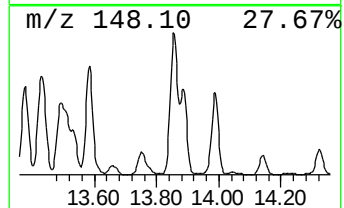
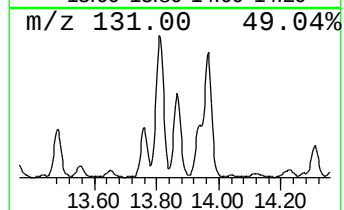
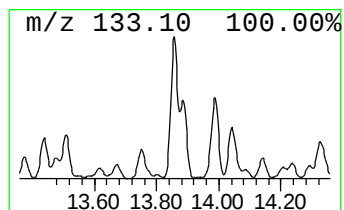
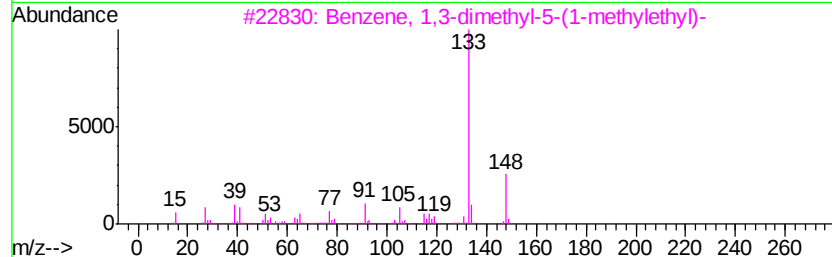
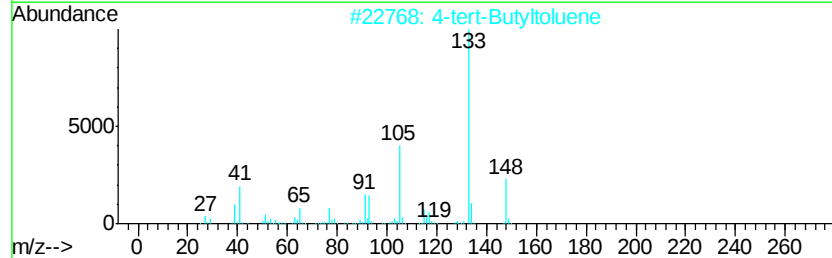
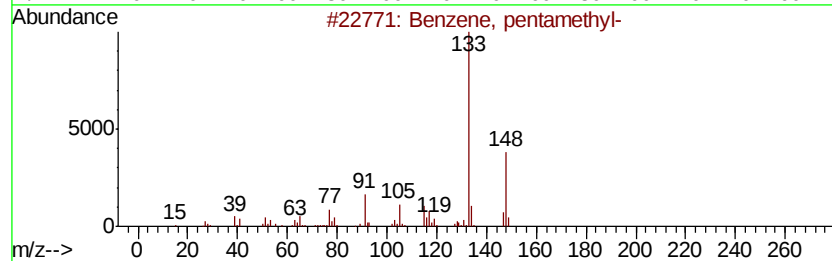
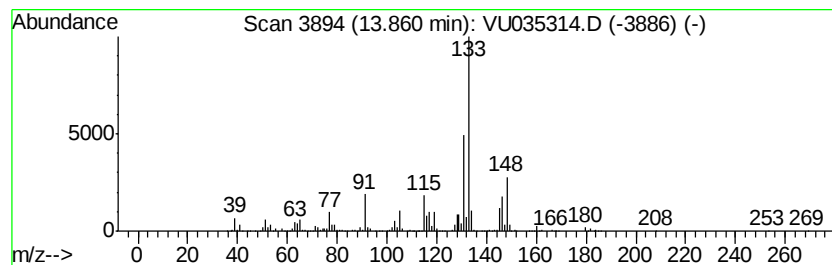
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Quant Title : VOC Analysis

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

Peak Number 57 Benzene, pentamethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	42.90 ug/L	2372730	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, pentamethyl-	148	C11H16	000700-12-9	64
2		4-tert-Butyltoluene	148	C11H16	000098-51-1	53
3		Benzene, 1,3-dimethyl-5-(1-methyl-...	148	C11H16	004706-90-5	52
4		Benzene, 1,4-dimethyl-2-(1-methyl-...	148	C11H16	004132-72-3	52
5		3,4-Dimethylcumene	148	C11H16	1000370-34-1	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

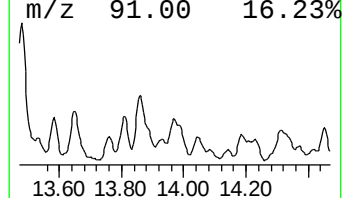
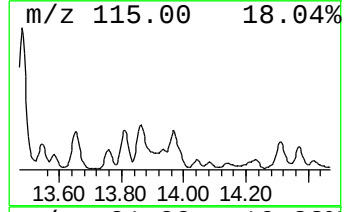
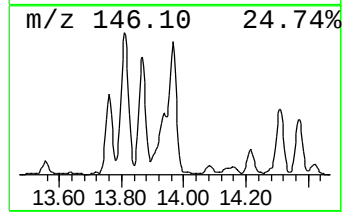
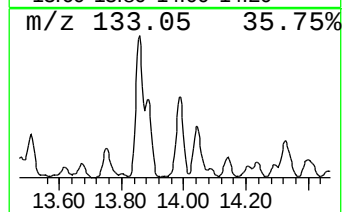
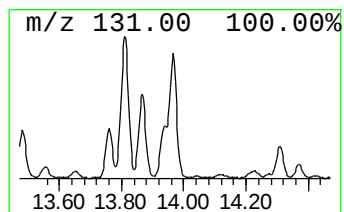
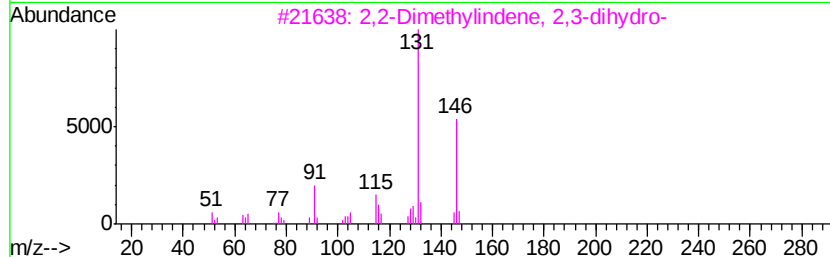
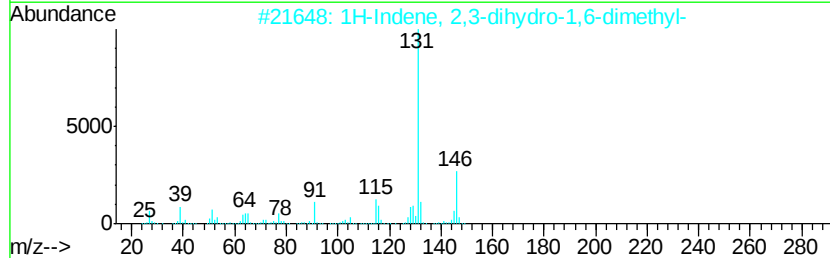
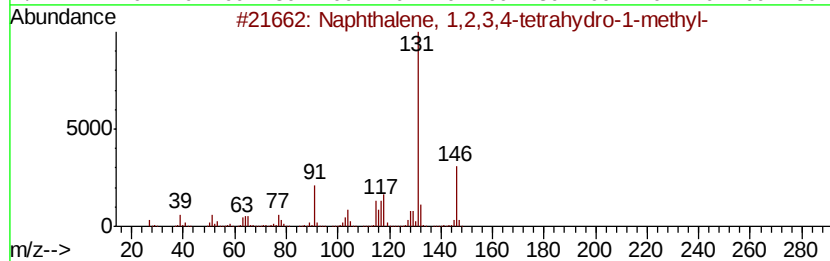
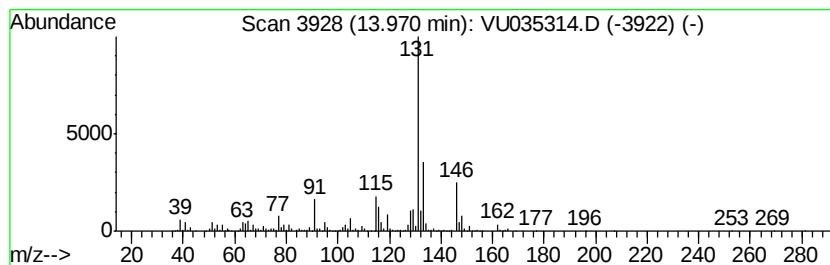
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Quant Title : VOC Analysis

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

Peak Number 58 Naphthalene, 1,2,3,4-tetra... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	27.02 ug/L	1494320	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	81
2		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
3		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81
4		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	81
5		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

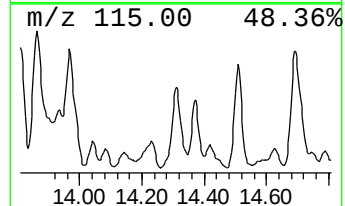
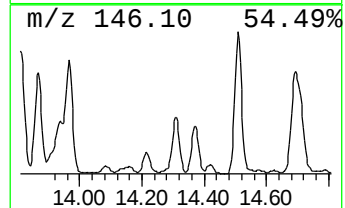
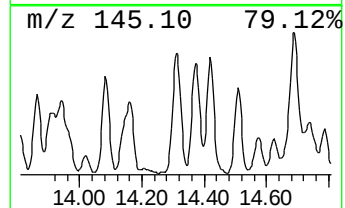
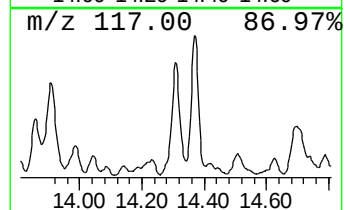
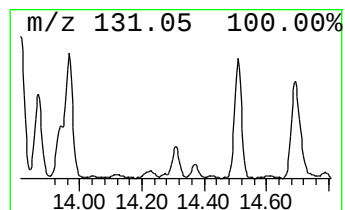
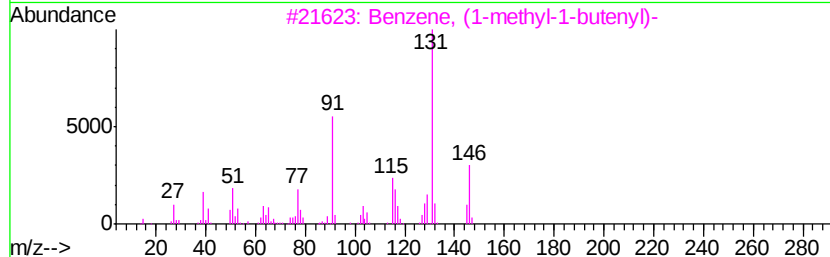
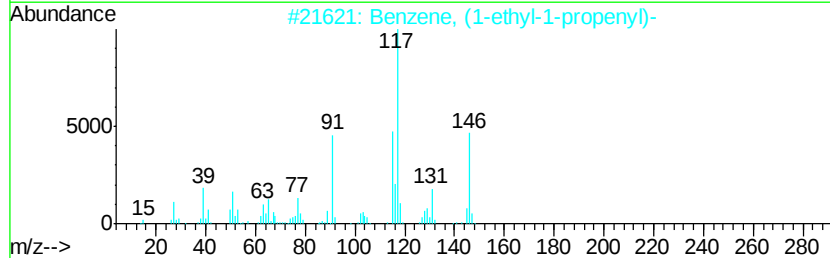
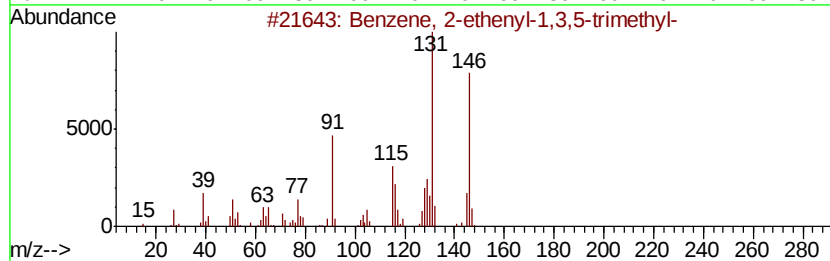
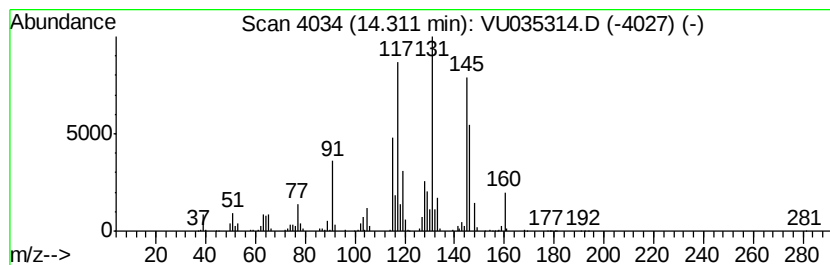
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Quant Title : VOC Analysis

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

Peak Number 60 unknown-04 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	16.19 ug/L	895307	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	46
2		Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	42
3		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	42
4		1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	41
5		1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	41



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
 Data File : VU035314.D
 Acq On : 19 Oct 2019 13:27
 Operator : JC/SP
 Sample : K5344-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF6L3

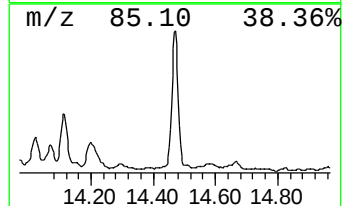
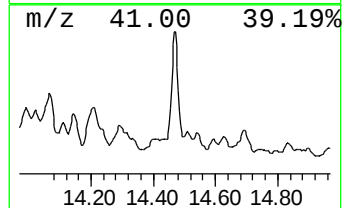
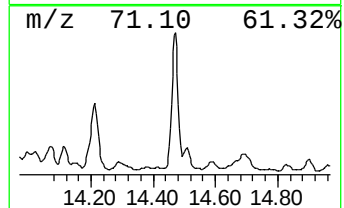
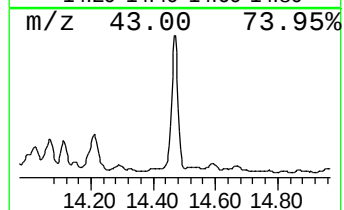
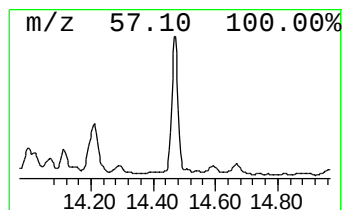
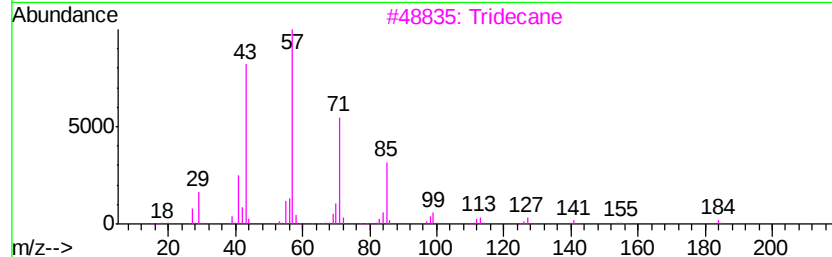
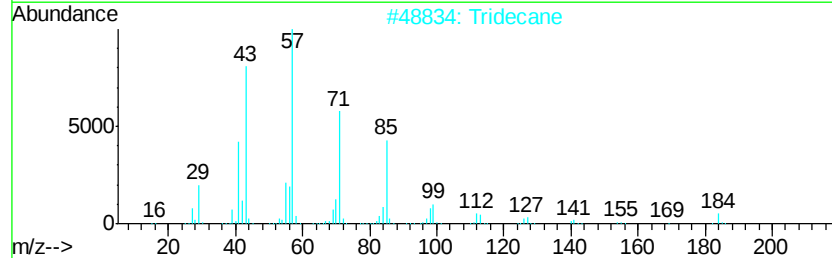
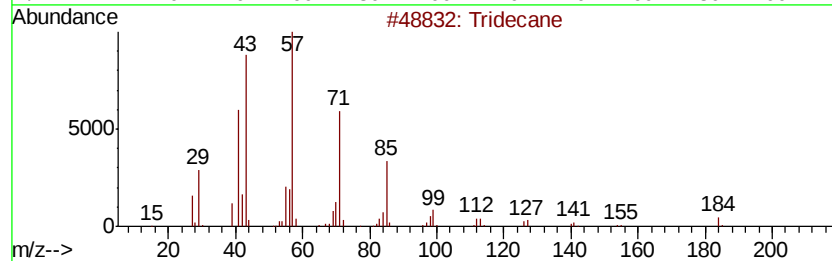
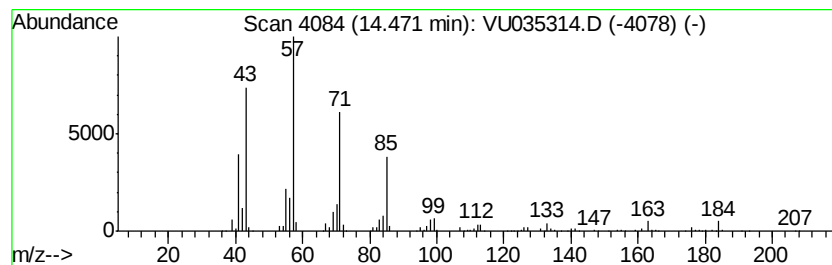
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 Quant Title : VOC Analysis

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

 Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	8.19 ug/L	452942	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	96
2		Tridecane	184	C13H28	000629-50-5	93
3		Tridecane	184	C13H28	000629-50-5	87
4		Tridecane	184	C13H28	000629-50-5	83
5		Dodecane	170	C12H26	000112-40-3	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

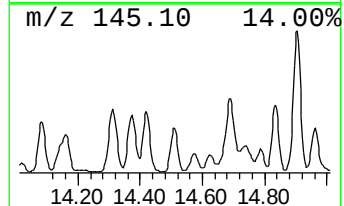
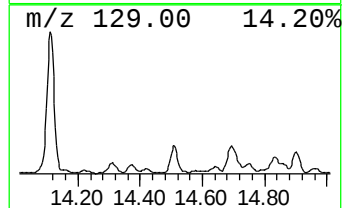
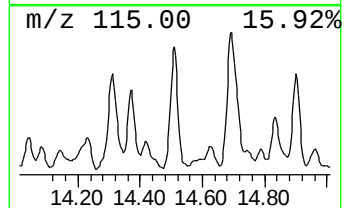
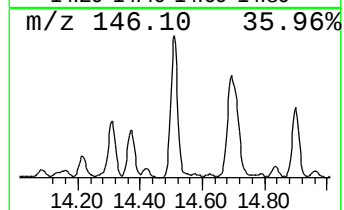
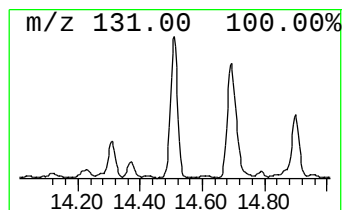
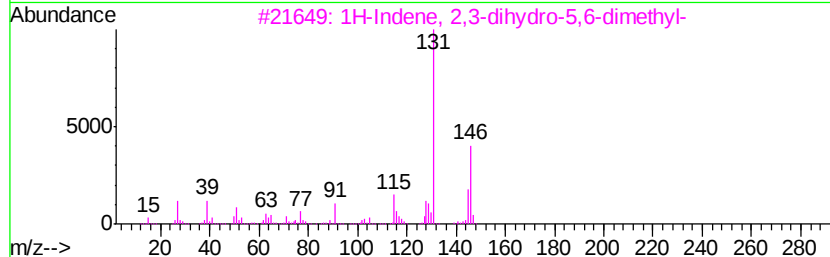
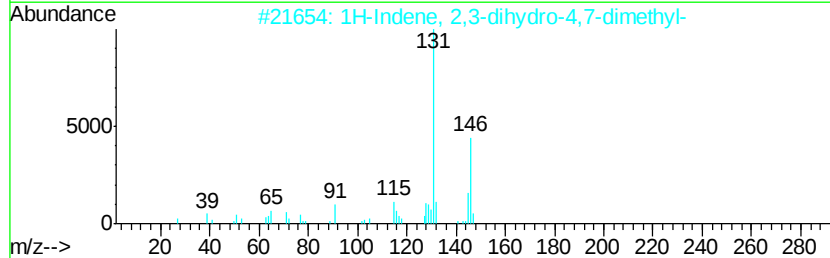
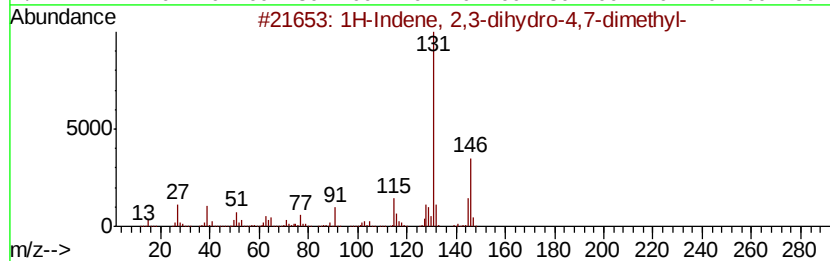
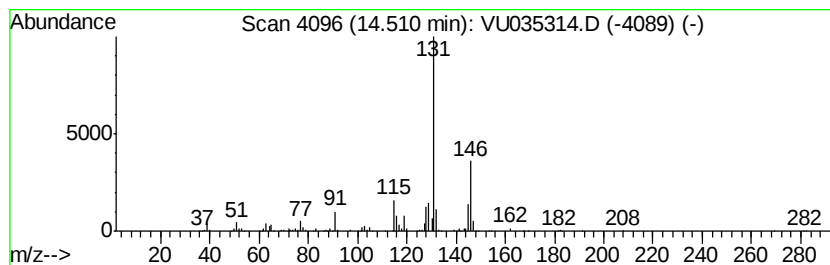
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Quant Title : VOC Analysis

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

Peak Number 62 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	27.27 ug/L	1508480	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
3		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	96
4		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
5		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035314.D
Acq On : 19 Oct 2019 13:27
Operator : JC/SP
Sample : K5344-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L3

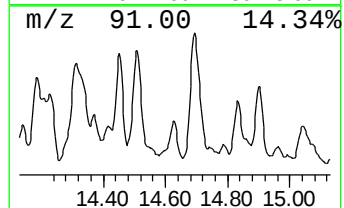
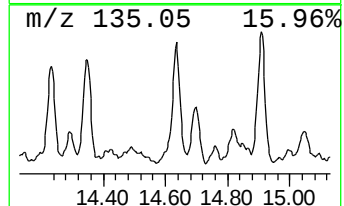
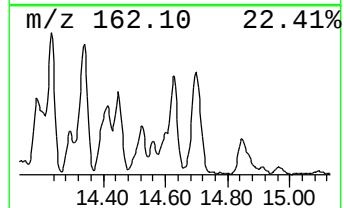
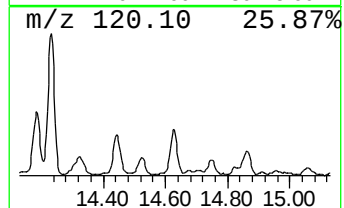
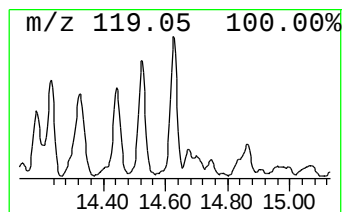
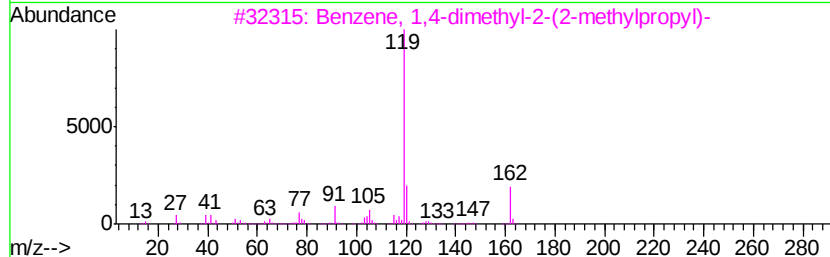
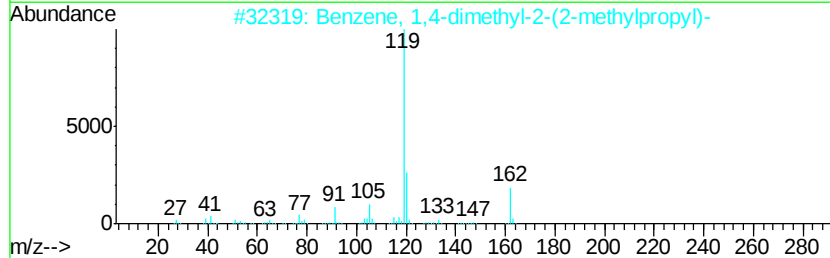
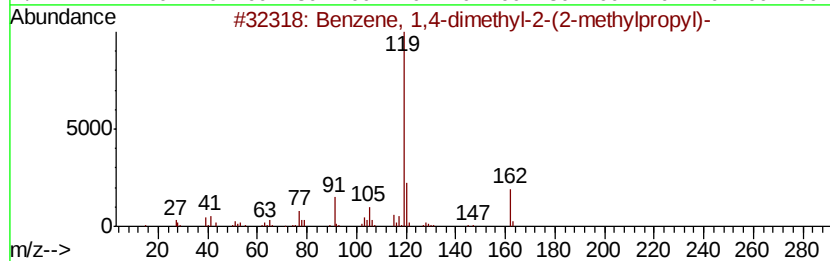
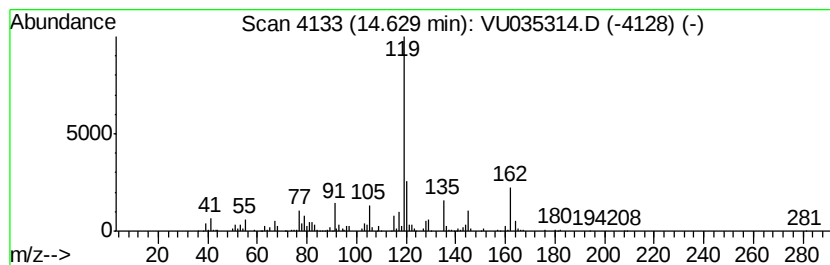
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Quant Title : VOC Analysis

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

Peak Number 63 Benzene, 1,4-dimethyl-2-(2-... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	5.98 ug/L	330705	1,4-Dichlorobenzene-d4	11.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-dimethyl-2-(2-methylpropyl)-	162	C12H18	055669-88-0	81
2		Benzene, 1,4-dimethyl-2-(2-methylpropyl)-	162	C12H18	055669-88-0	76
3		Benzene, 1,4-dimethyl-2-(2-methylpropyl)-	162	C12H18	055669-88-0	68
4		Benzene, 1-ethyl-4-(2-methylpropyl)-	162	C12H18	100319-40-2	53
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	47



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101919\
 Data File : VU035314.D
 Acq On : 19 Oct 2019 13:27
 Operator : JC/SP
 Sample : K5344-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF6L3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.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
Isopropyl Alcohol	2.81	25.3	ug/L	868685	1	6.29	1718460	50.0
(DEL) Alkane: Str...	5.63	11.4	ug/L	392870	1	6.29	1718460	50.0
(DEL) Alkane: Str...	5.94	20.7	ug/L	711051	1	6.29	1718460	50.0
(DEL) Alkane: Str...	6.17	16.4	ug/L	562440	1	6.29	1718460	50.0
(DEL) Alkane: Str...	7.29	15.5	ug/L	531736	1	6.29	1718460	50.0
(DEL) Alkane: Str...	7.42	13.3	ug/L	456926	1	6.29	1718460	50.0
(DEL) Alkane: Str...	7.53	19.1	ug/L	657438	1	6.29	1718460	50.0
(DEL) Alkane: Str...	7.69	14.1	ug/L	485332	1	6.29	1718460	50.0
(DEL) Alkane: Str...	8.16	27.1	ug/L	1107910	2	9.45	2044260	50.0
2-Pentanol, 4-met...	8.28	242.4	ug/L	9912450	2	9.45	2044260	50.0
(DEL) Alkane: Str...	8.79	10.4	ug/L	425092	2	9.45	2044260	50.0
(DEL) Alkane: Cyc...	8.95	11.4	ug/L	467804	2	9.45	2044260	50.0
(DEL) Alkane: Cyc...	9.20	12.2	ug/L	497365	2	9.45	2044260	50.0
(DEL) Alkane: Str...	9.24	37.3	ug/L	1524440	2	9.45	2044260	50.0
(DEL) Alkane: Str...	9.36	32.8	ug/L	1341410	2	9.45	2044260	50.0
(DEL) Alkane: Str...	10.05	35.7	ug/L	1458320	2	9.45	2044260	50.0
(DEL) Alkane: Str...	10.28	65.0	ug/L	2655950	2	9.45	2044260	50.0
(DEL) Alkane: Cyc...	10.38	34.0	ug/L	1389200	2	9.45	2044260	50.0
(DEL) Alkane: Str...	10.58	37.8	ug/L	1545230	2	9.45	2044260	50.0
(DEL) Alkane: Str...	10.65	33.3	ug/L	1840420	3	11.84	2765550	50.0
(DEL) Alkane: Str...	10.68	25.5	ug/L	1410760	3	11.84	2765550	50.0
Benzene, propyl-	10.93	15.9	ug/L	879456	3	11.84	2765550	50.0
(DEL) Alkane: Cyc...	10.98	8.1	ug/L	447880	3	11.84	2765550	50.0
Benzene, 1-ethyl-...	11.02	111.9	ug/L	6186940	3	11.84	2765550	50.0
(DEL) Alkane: Str...	11.14	265.0	ug/L	14659800	3	11.84	2765550	50.0
(DEL) Alkane: Cyc...	11.27	7.4	ug/L	407868	3	11.84	2765550	50.0
Benzene, 1-ethyl-...	11.32	54.5	ug/L	3014370	3	11.84	2765550	50.0
(DEL) Alkane: Str...	11.40	9.3	ug/L	513378	3	11.84	2765550	50.0
(DEL) Alkane: Str...	11.44	29.0	ug/L	1602750	3	11.84	2765550	50.0
Benzene, 1,2,3-tr...	11.50	210.8	ug/L	11660700	3	11.84	2765550	50.0
unknown-01	11.60	22.0	ug/L	1214780	3	11.84	2765550	50.0
unknown-02	11.67	17.7	ug/L	980657	3	11.84	2765550	50.0
(DEL) Alkane: Cyc...	11.74	28.6	ug/L	1580920	3	11.84	2765550	50.0
(DEL) Alkane: Str...	12.02	18.8	ug/L	1041050	3	11.84	2765550	50.0
Benzene, 1-propenyl-	12.12	54.1	ug/L	2995180	3	11.84	2765550	50.0
(DEL) Alkane: Str...	12.35	111.3	ug/L	6153940	3	11.84	2765550	50.0
Benzene, 1-methyl...	12.40	36.1	ug/L	1994610	3	11.84	2765550	50.0
Benzene, 2-ethyl-...	12.49	33.9	ug/L	1872360	3	11.84	2765550	50.0
o-Cymene	12.52	29.2	ug/L	1614330	3	11.84	2765550	50.0
Benzene, 1-ethyl-...	12.60	43.3	ug/L	2395560	3	11.84	2765550	50.0
Indan, 1-methyl-	12.71	50.0	ug/L	2764170	3	11.84	2765550	50.0
(DEL) Alkane: Cyc...	12.95	21.4	ug/L	1181830	3	11.84	2765550	50.0
Benzene, 1,2,4,5-...	13.00	40.4	ug/L	2233810	3	11.84	2765550	50.0
Benzene, 1-methyl...	13.13	12.3	ug/L	678006	3	11.84	2765550	50.0
Benzene, 1-methyl...	13.31	46.5	ug/L	2570100	3	11.84	2765550	50.0
unknown-03	13.37	14.8	ug/L	818290	3	11.84	2765550	50.0
(DEL) Alkane: Str...	13.45	51.8	ug/L	2865590	3	11.84	2765550	50.0
1H-Indene, 2,3-di...	13.48	78.9	ug/L	4361740	3	11.84	2765550	50.0
Benzene, (1,1-dim...	13.58	11.4	ug/L	628259	3	11.84	2765550	50.0

Naphthalene, 1,2,...	13.65	41.2 ug/L	2277060	3	11.84	2765550	50.0
Benzene, (1,2-dim...	13.76	20.1 ug/L	1113630	3	11.84	2765550	50.0
Benzene, 1-methyl...	13.81	17.6 ug/L	973078	3	11.84	2765550	50.0
Benzene, pentamet...	13.86	42.9 ug/L	2372730	3	11.84	2765550	50.0
Naphthalene, 1,2,...	13.97	27.0 ug/L	1494320	3	11.84	2765550	50.0
unknown-04	14.31	16.2 ug/L	895307	3	11.84	2765550	50.0
(DEL) Alkane: Str...	14.47	8.2 ug/L	452942	3	11.84	2765550	50.0
1H-Indene, 2,3-di...	14.51	27.3 ug/L	1508480	3	11.84	2765550	50.0
Benzene, 1,4-dime...	14.63	6.0 ug/L	330705	3	11.84	2765550	50.0

Instrument :
 MSVOA_U
ClientSampleId :
 BF6L3