

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050219\
 Data File : VU031704.D
 Acq On : 02 May 2019 12:02
 Operator : JC/SP
 Sample : K2603-17 25X
 Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAJ69

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\SOMULM042719WMA.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	1.180	25	28	36	rVB4	15482	14025	0.03%	0.007%
2	1.395	88	95	107	rVB	325491	358474	0.67%	0.173%
3	1.678	176	183	196	rBV	299282	377734	0.71%	0.182%
4	2.267	356	366	381	rVB	630099	960851	1.81%	0.463%
5	2.633	475	480	483	rBV6	1459	1302	0.00%	0.001%
6	2.913	563	567	574	rBV6	1862	2616	0.00%	0.001%
7	3.038	602	606	609	rBV3	1305	987	0.00%	0.000%
8	3.061	609	613	617	rBV3	1302	1162	0.00%	0.001%
9	3.280	675	681	682	rBV3	1606	1318	0.00%	0.001%
10	3.395	714	717	720	rVB3	1493	951	0.00%	0.000%
11	3.418	720	724	730	rVB3	1820	1631	0.00%	0.001%
12	3.466	732	739	744	rBV4	1347	1690	0.00%	0.001%
13	3.495	744	748	754	rBV6	1164	1301	0.00%	0.001%
14	3.553	762	766	771	rVB4	1020	903	0.00%	0.000%
15	3.672	799	803	805	rVV4	1408	1087	0.00%	0.001%
16	3.807	840	845	847	rBV3	1070	1094	0.00%	0.001%
17	3.874	861	866	876	rVB3	1633	2228	0.00%	0.001%
18	4.071	922	927	930	rBV3	1819	1856	0.00%	0.001%
19	4.106	935	938	944	rVB4	1257	1280	0.00%	0.001%
20	4.189	949	964	996	rBV	356905	1134803	2.13%	0.547%
21	4.643	1087	1105	1129	rBV	541380	1282872	2.41%	0.618%
22	4.977	1203	1209	1212	rBV4	2680	3109	0.01%	0.001%
23	5.045	1227	1230	1236	rVB6	1924	1462	0.00%	0.001%
24	5.196	1274	1277	1283	rBV4	1843	1674	0.00%	0.001%
25	5.334	1296	1320	1362	rBV2	1103706	3550724	6.67%	1.712%
26	5.617	1405	1408	1410	rBV3	1954	1229	0.00%	0.001%
27	5.778	1451	1458	1461	rBV6	4249	4961	0.01%	0.002%
28	5.881	1475	1490	1525	rBV	1192303	2474361	4.65%	1.193%
29	6.180	1572	1583	1597	rBV10	13511	30494	0.06%	0.015%
30	6.254	1603	1606	1610	rBV4	1610	960	0.00%	0.000%
31	6.324	1614	1628	1648	rBV	768182	1571385	2.95%	0.758%
32	6.604	1711	1715	1719	rBV5	2596	2652	0.00%	0.001%
33	6.736	1753	1756	1762	rVB7	1728	1502	0.00%	0.001%
34	6.784	1767	1771	1774	rVB2	1470	1025	0.00%	0.000%

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 Title : VOC Analysis

35	6.845	1785	1790	1795	rBV7	1361	1543	0.00%	0.001%
36	6.897	1795	1806	1809	rBV7	4726	7393	0.01%	0.004%
37	6.990	1833	1835	1841	rVB3	1204	903	0.00%	0.000%
38	7.077	1859	1862	1863	rBV2	1671	940	0.00%	0.000%
39	7.106	1868	1871	1877	rBV4	1743	2202	0.00%	0.001%
40	7.180	1885	1894	1897	rBV7	4920	7056	0.01%	0.003%
41	7.225	1897	1908	1936	rVV	415181	774334	1.46%	0.373%
42	7.411	1962	1966	1969	rBV5	2642	2665	0.01%	0.001%
43	7.476	1984	1986	1990	rBV3	1529	1203	0.00%	0.001%
44	7.562	1994	2013	2027	rBV	1337564	2418618	4.55%	1.166%
45	7.636	2029	2036	2052	rVB	152335	297382	0.56%	0.143%
46	7.848	2085	2102	2132	rVB	277224	558106	1.05%	0.269%
47	7.996	2143	2148	2153	rBV8	2110	2645	0.00%	0.001%
48	8.215	2212	2216	2218	rBV5	2545	1772	0.00%	0.001%
49	8.312	2234	2246	2278	rBV	1347149	2579828	4.85%	1.244%
50	8.810	2395	2401	2406	rBV6	9524	13771	0.03%	0.007%
51	8.906	2425	2431	2443	rVB5	24249	38937	0.07%	0.019%
52	9.025	2461	2468	2475	rBV2	26284	39229	0.07%	0.019%
53	9.086	2475	2487	2513	rVV	1709914	2926870	5.50%	1.411%
54	9.247	2527	2537	2553	rBV	349685	591122	1.11%	0.285%
55	9.369	2563	2575	2590	rBV	1995072	3469733	6.52%	1.673%
56	9.440	2591	2597	2610	rVB	186096	285150	0.54%	0.137%
57	9.713	2671	2682	2690	rBV4	28071	57040	0.11%	0.027%
58	9.784	2690	2704	2738	rVB4	1988454	4080195	7.67%	1.967%
59	9.948	2749	2755	2765	rVB2	73469	109382	0.21%	0.053%
60	10.427	2893	2904	2918	rBV	1106586	1861114	3.50%	0.897%
61	10.585	2946	2953	2962	rBV	85844	129340	0.24%	0.062%
62	10.678	2972	2982	2998	rBV	425519	972695	1.83%	0.469%
63	10.768	2999	3010	3017	rVV	492946	897333	1.69%	0.433%
64	10.810	3017	3023	3044	rVB	496699	756940	1.42%	0.365%
65	10.971	3065	3073	3075	rBV	164649	215110	0.40%	0.104%
66	11.144	3110	3127	3138	rBV	1606279	2680304	5.04%	1.292%
67	11.212	3138	3148	3157	rVV	1835272	2798355	5.26%	1.349%
68	11.263	3157	3164	3176	rVB	654968	986034	1.85%	0.475%
69	11.398	3198	3206	3221	rBV7	149907	325114	0.61%	0.157%
70	11.479	3222	3231	3243	rBV	1797154	2762623	5.19%	1.332%
71	11.565	3251	3258	3267	rBV	537787	757483	1.42%	0.365%

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72	11.762	3311	3319	3327	rBV2	259700	463049	0.87%	0.223%
73	11.855	3339	3348	3366	rVB2	1627623	2855855	5.37%	1.377%
74	11.977	3374	3386	3394	rBV	6401959	10020759	18.84%	4.831%
75	12.019	3395	3399	3409	rVB	1012159	1324089	2.49%	0.638%
76	12.147	3433	3439	3441	rBV	84597	106642	0.20%	0.051%
77	12.424	3518	3525	3535	rVB	543259	855531	1.61%	0.412%
78	12.482	3537	3543	3548	rBV3	172399	257891	0.48%	0.124%
79	12.604	3575	3581	3587	rBV3	226658	329502	0.62%	0.159%
80	12.700	3602	3611	3631	rBV4	565220	1453675	2.73%	0.701%
81	12.819	3642	3648	3659	rVB4	418230	605838	1.14%	0.292%
82	13.118	3733	3741	3751	rBV2	1936520	2839397	5.34%	1.369%
83	13.179	3752	3760	3773	rVB	2100412	3246309	6.10%	1.565%
84	13.286	3782	3793	3811	rBV2	2644569	4733905	8.90%	2.282%
85	13.739	3922	3934	3946	rBV2	33392226	53200316	100.00%	25.647%
86	14.134	4051	4057	4065	rBV2	889690	1212608	2.28%	0.585%
87	14.334	4112	4119	4129	rBV4	588856	972072	1.83%	0.469%
88	14.871	4275	4286	4302	rBV	20741799	31806441	59.79%	15.334%
89	15.057	4333	4344	4362	rBV	9894493	15826655	29.75%	7.630%
90	15.601	4506	4513	4524	rVB	1223542	1900878	3.57%	0.916%
91	15.794	4566	4573	4581	rBV	1116773	1634355	3.07%	0.788%
92	15.906	4598	4608	4622	rBV	4667951	7865929	14.79%	3.792%
93	16.054	4644	4654	4661	rBV	4326373	6802196	12.79%	3.279%
94	16.186	4687	4695	4706	rVB	1097752	1716749	3.23%	0.828%
95	16.279	4709	4724	4735	rBV2	1246224	2883927	5.42%	1.390%
96	16.427	4763	4770	4782	rVB	593515	889347	1.67%	0.429%
97	16.520	4789	4799	4816	rVB2	1908699	3465311	6.51%	1.671%
98	17.012	4946	4952	4977	rVB2	643054	1333380	2.51%	0.643%
99	17.163	4991	4999	5008	rVB	592051	928243	1.74%	0.447%
100	17.221	5011	5017	5028	rVB	458850	692996	1.30%	0.334%

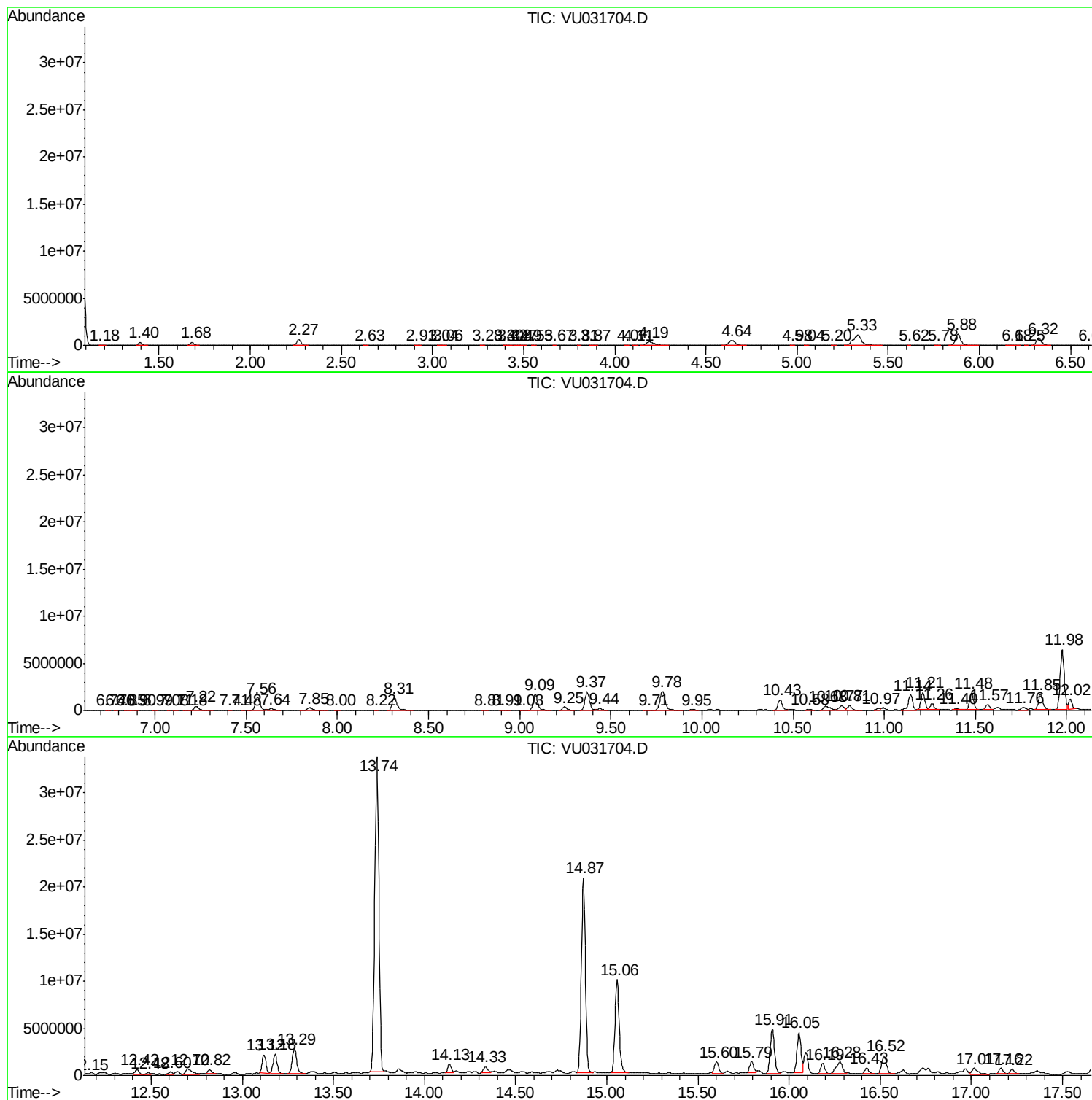
Sum of corrected areas: 207430012

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GAJ69

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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



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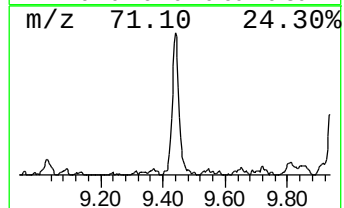
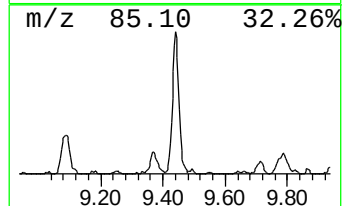
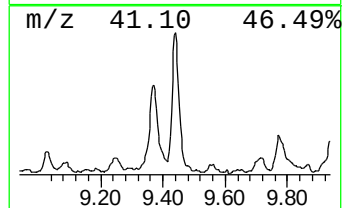
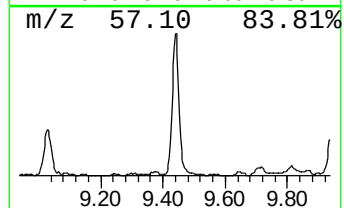
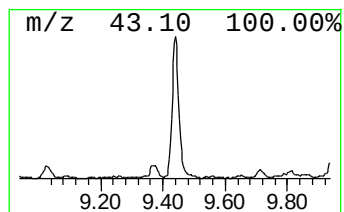
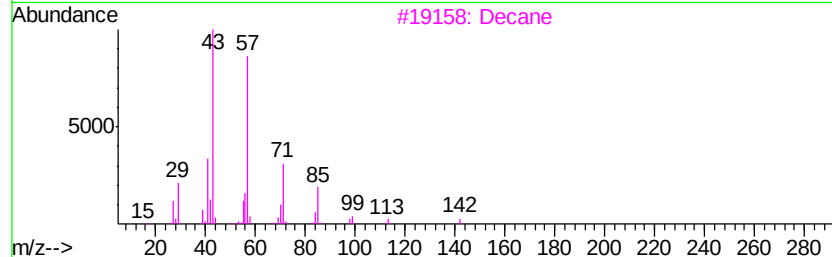
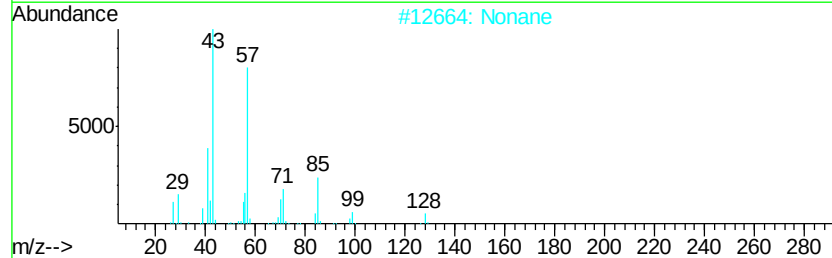
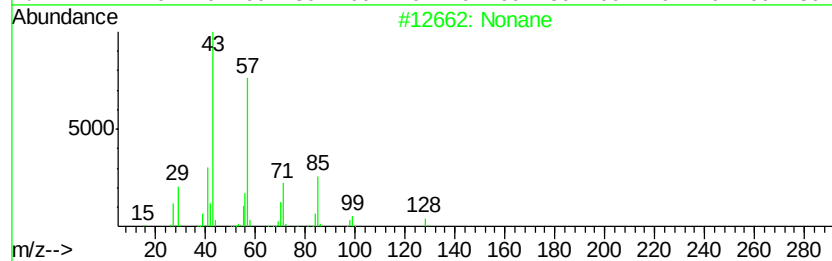
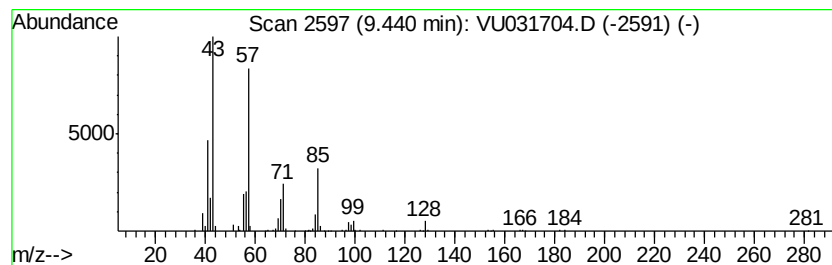
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	4.87 ug/L	285150	Chlorobenzene-d5	9.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane			128	C9H20	000111-84-2	95
2	Nonane			128	C9H20	000111-84-2	91
3	Decane			142	C10H22	000124-18-5	59
4	Decane			142	C10H22	000124-18-5	53
5	1-Iodoundecane			282	C11H23I	004282-44-4	53



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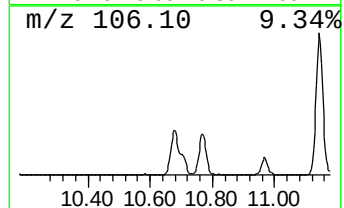
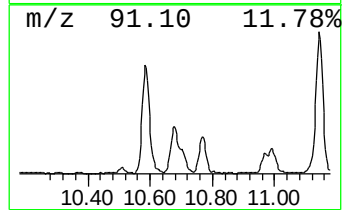
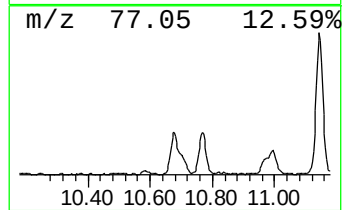
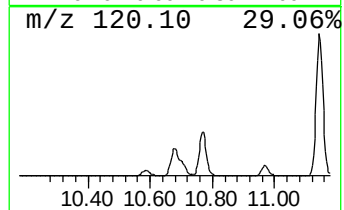
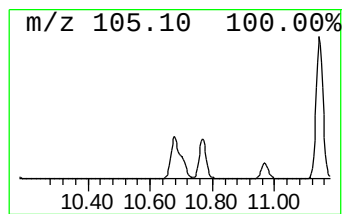
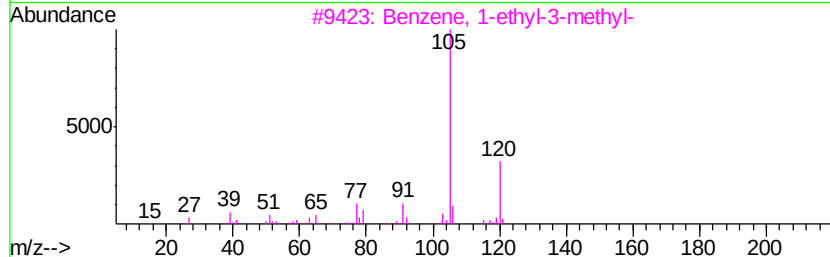
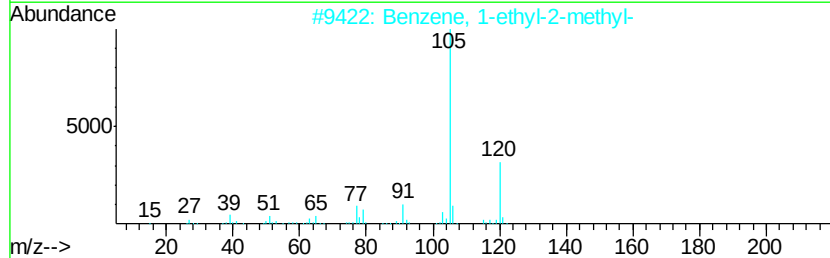
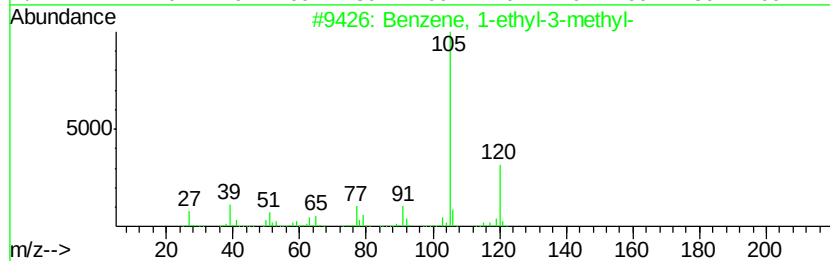
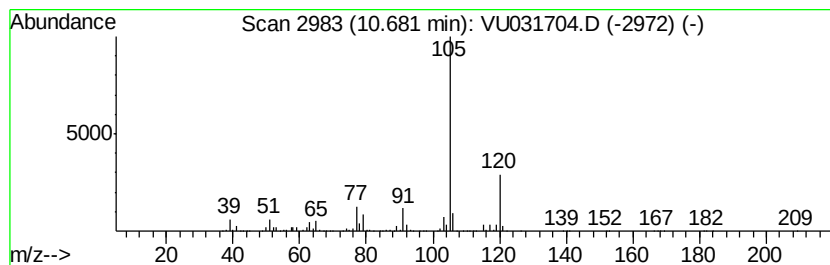
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Quant Title : VOC Analysis

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

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	17.60 ug/L	972695	1,4-Dichlorobenzene-d4	11.48

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



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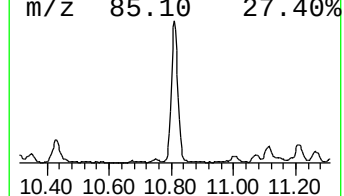
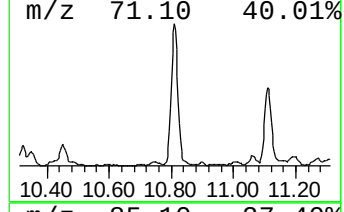
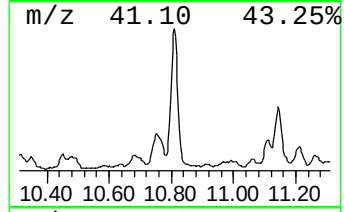
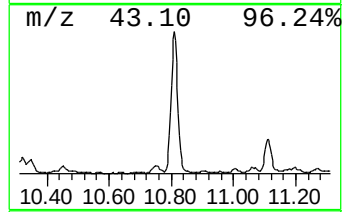
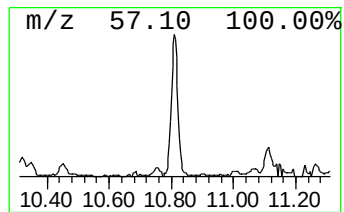
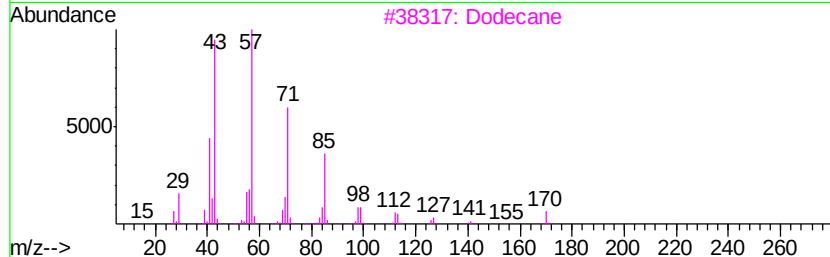
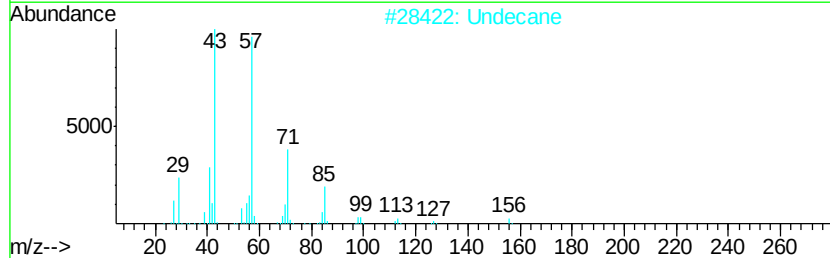
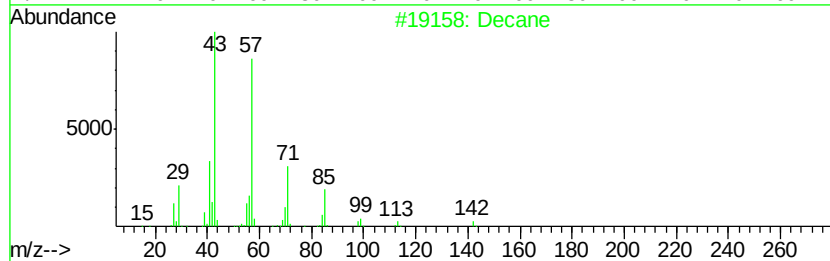
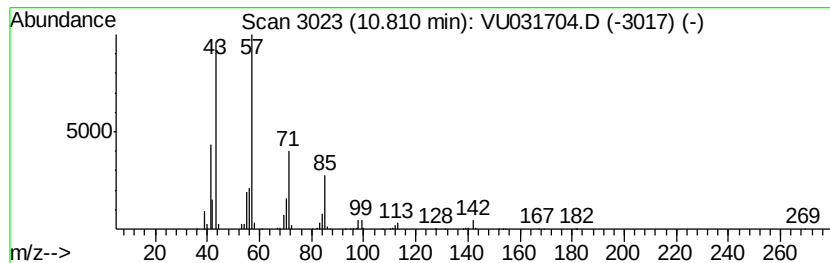
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	13.70 ug/L	756940	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	94
2		Undecane	156	C11H24	001120-21-4	78
3		Dodecane	170	C12H26	000112-40-3	78
4		Undecane	156	C11H24	001120-21-4	78
5		Octane, 4-ethyl-	142	C10H22	015869-86-0	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050219\
Data File : VU031704.D
Acq On : 02 May 2019 12:02
Operator : JC/SP
Sample : K2603-17 25X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

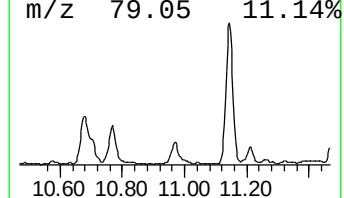
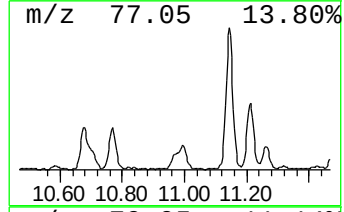
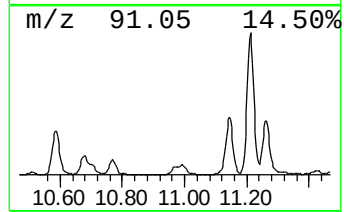
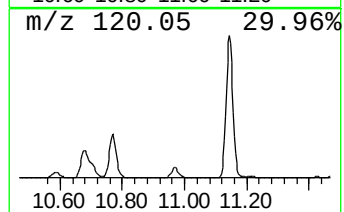
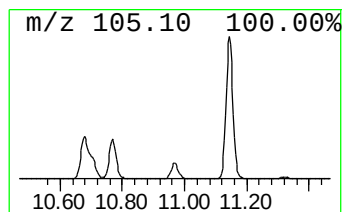
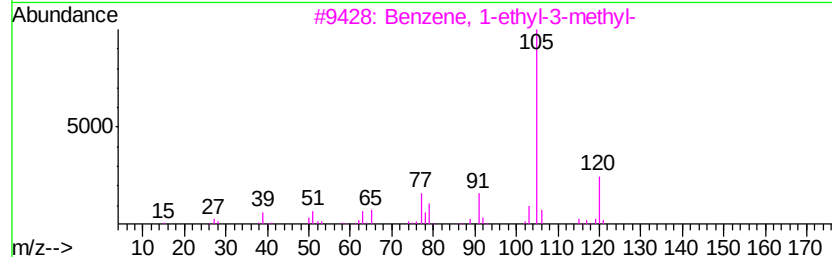
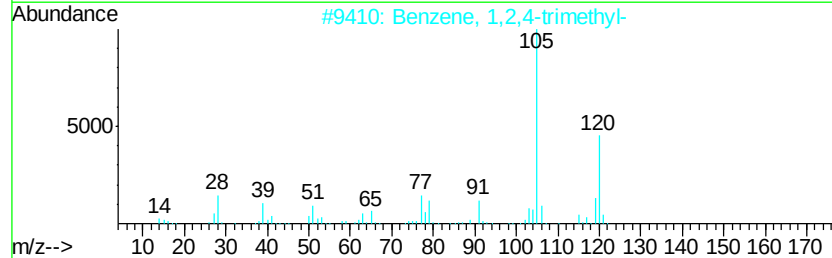
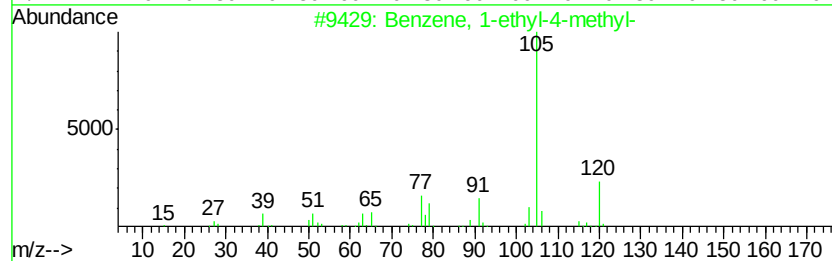
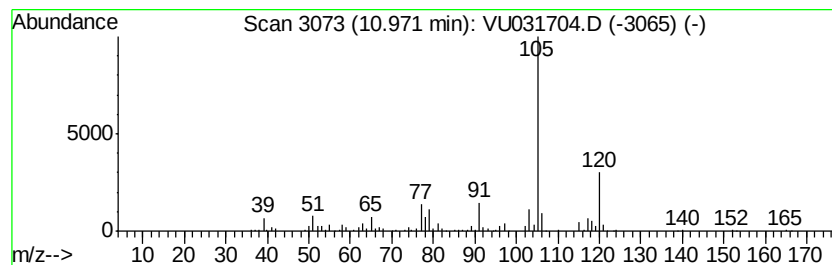
Instrument :
MSVOA_U
ClientSampleId :
GAJ69

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	3.89 ug/L	215110	1,4-Dichlorobenzene-d4	11.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-ethyl-4-methyl-	120 C9H12	000622-96-8	87
2	Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6	87
3	Benzene, 1-ethyl-3-methyl-	120 C9H12	000620-14-4	87
4	Benzene, 1,2,3-trimethyl-	120 C9H12	000526-73-8	87
5	Benzene, 1,2,3-trimethyl-	120 C9H12	000526-73-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050219\
Data File : VU031704.D
Acq On : 02 May 2019 12:02
Operator : JC/SP
Sample : K2603-17 25X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

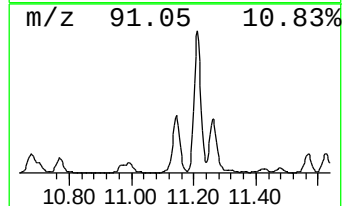
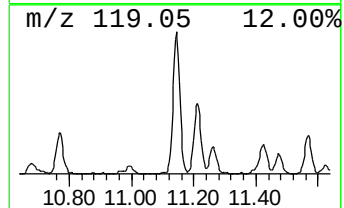
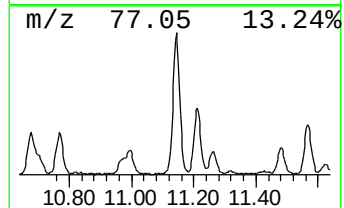
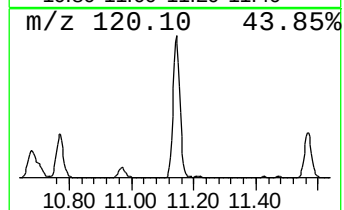
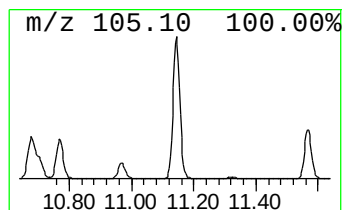
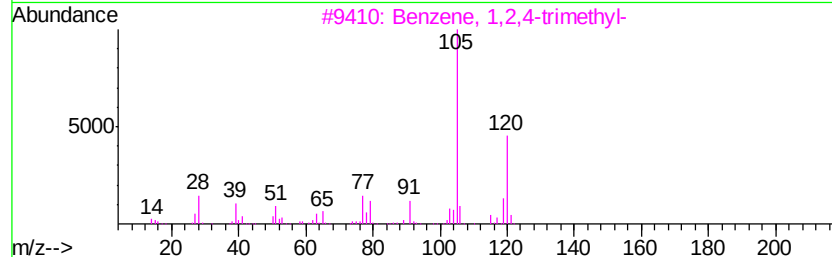
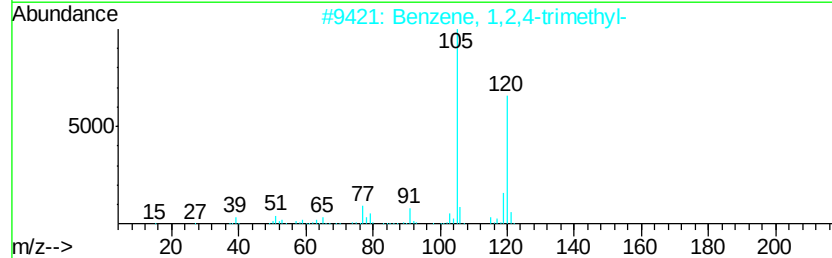
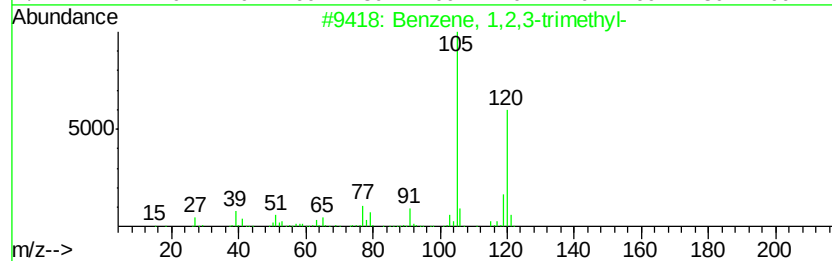
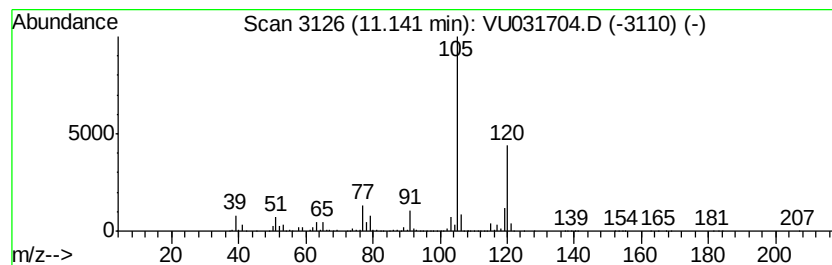
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	48.51 ug/L	2680300	1,4-Dichlorobenzene-d4	11.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,2,3-trimethyl-	120 C9H12	000526-73-8 97
2		Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6 94
3		Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6 94
4		Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6 94
5		Benzene, 1,2,3-trimethyl-	120 C9H12	000526-73-8 94



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050219\
Data File : VU031704.D
Acq On : 02 May 2019 12:02
Operator : JC/SP
Sample : K2603-17 25X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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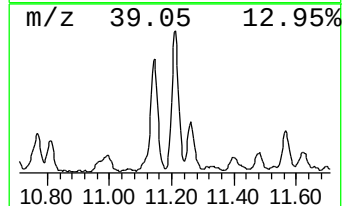
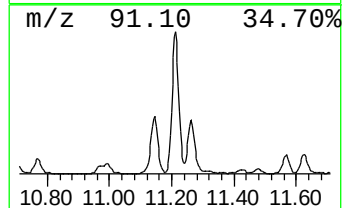
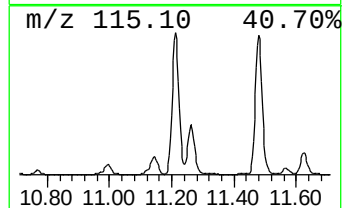
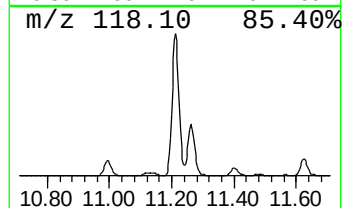
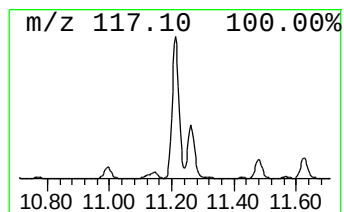
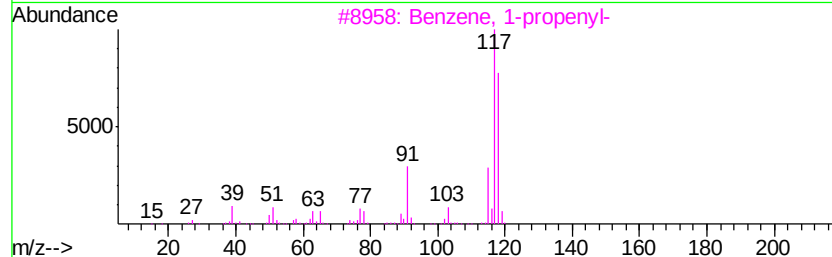
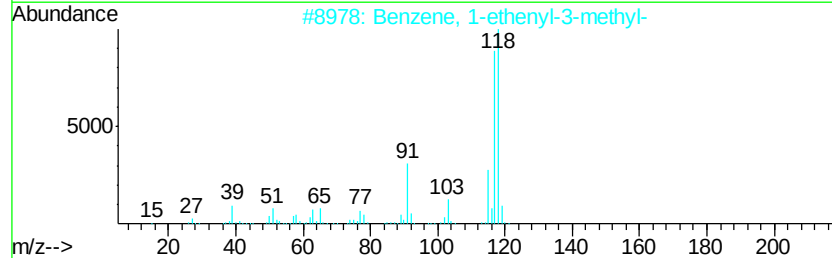
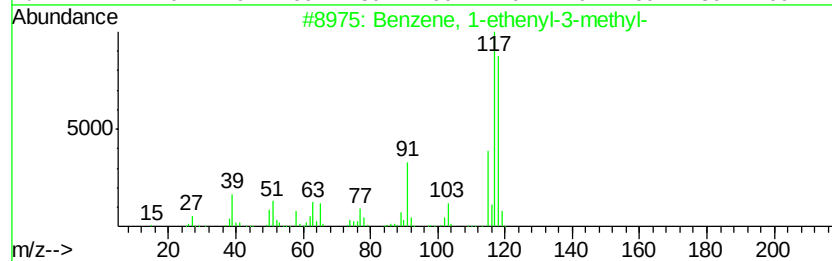
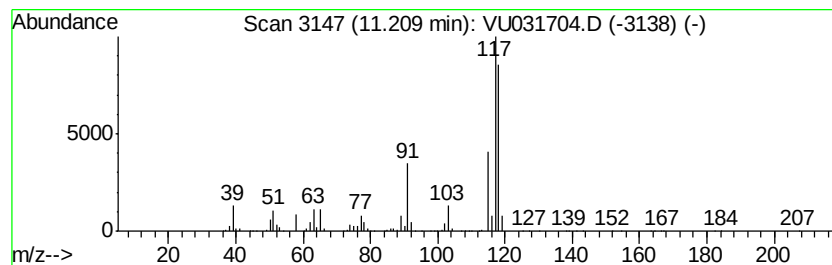
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Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 1-ethenyl-3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	50.65 ug/L	2798360	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
3		Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
5		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050219\
Data File : VU031704.D
Acq On : 02 May 2019 12:02
Operator : JC/SP
Sample : K2603-17 25X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

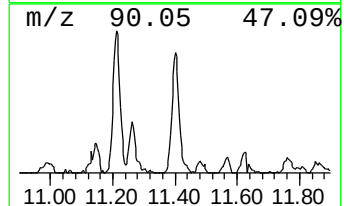
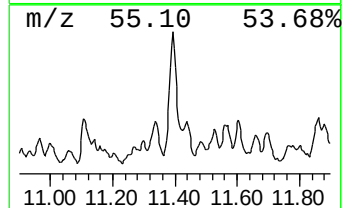
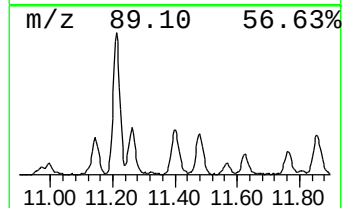
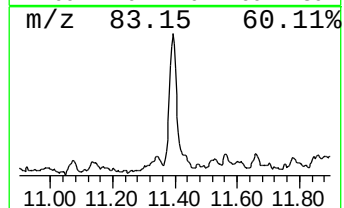
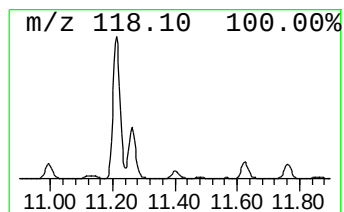
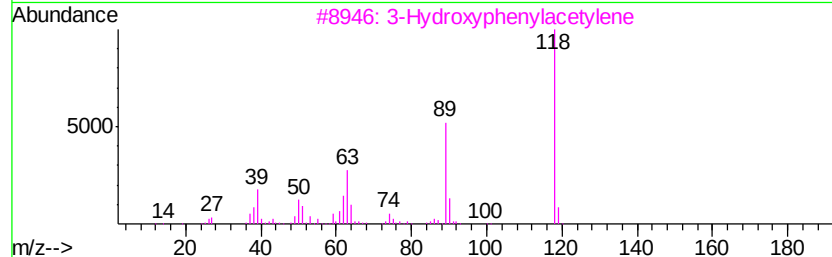
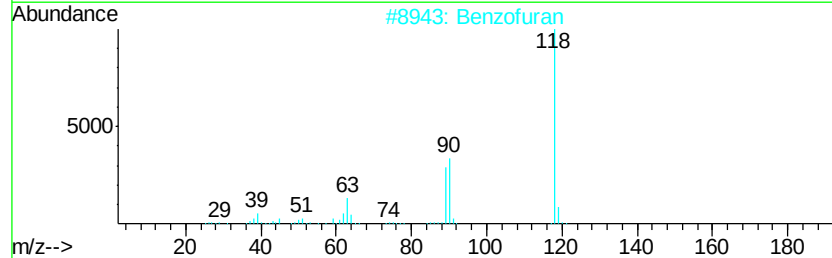
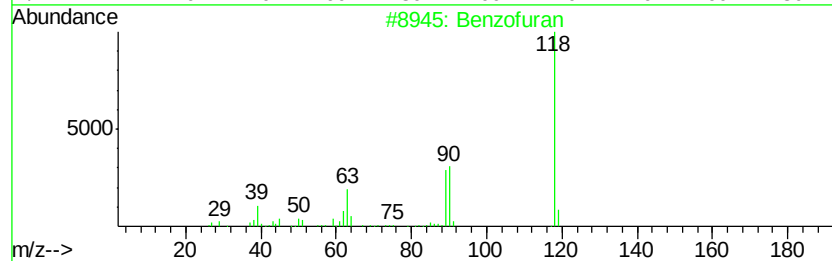
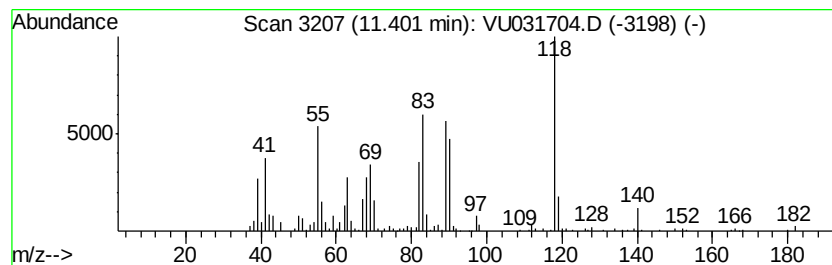
Instrument :
MSVOA_U
ClientSampleId :
GAJ69

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 10 Benzofuran Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	5.88 ug/L	325114	1,4-Dichlorobenzene-d4	11.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzofuran	118 C8H6O	000271-89-6 70
2		Benzofuran	118 C8H6O	000271-89-6 45
3		3-Hydroxyphenylacetylene	118 C8H6O	010401-11-3 38
4		Coumarin	146 C9H6O2	000091-64-5 38
5		4-Methylphthalic anhydride	162 C9H6O3	019438-61-0 38



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050219\
Data File : VU031704.D
Acq On : 02 May 2019 12:02
Operator : JC/SP
Sample : K2603-17 25X
Misc : 5.09µ/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

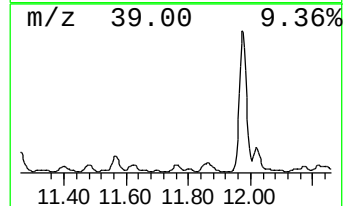
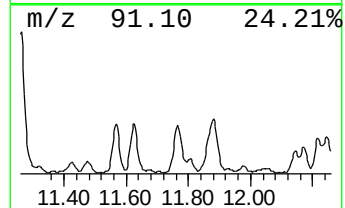
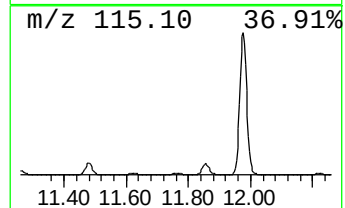
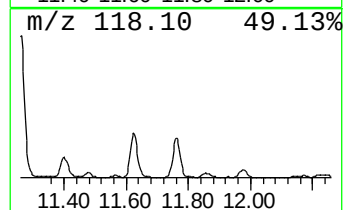
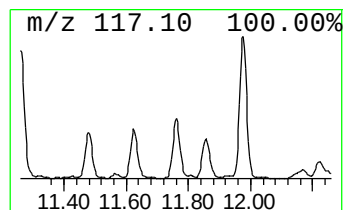
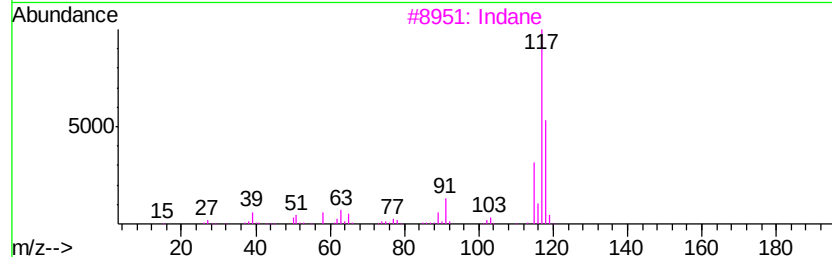
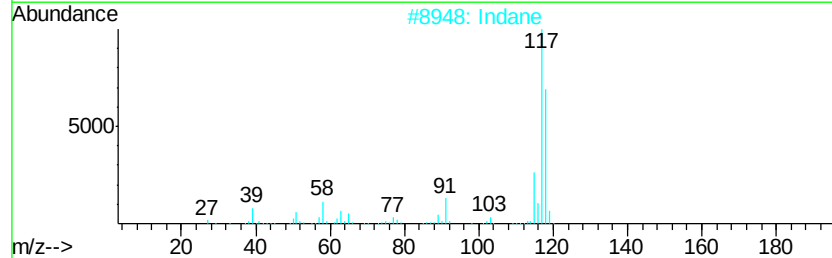
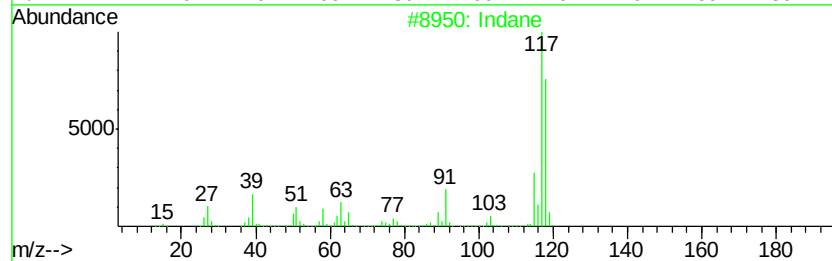
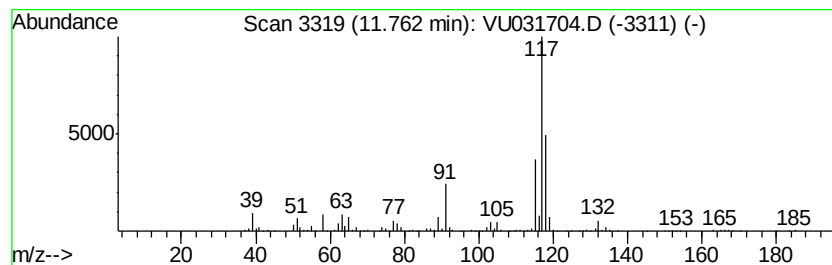
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Quant Title : VOC Analysis

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

Peak Number 12 Indane Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	8.38 ug/L	463049	1,4-Dichlorobenzene-d4	11.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Indane		118 C9H10	000496-11-7 90
2	Indane		118 C9H10	000496-11-7 81
3	Indane		118 C9H10	000496-11-7 81
4	Benzene, 2-propenyl-		118 C9H10	000300-57-2 72
5	Benzene, cyclopropyl-		118 C9H10	000873-49-4 72



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050219\
Data File : VU031704.D
Acq On : 02 May 2019 12:02
Operator : JC/SP
Sample : K2603-17 25X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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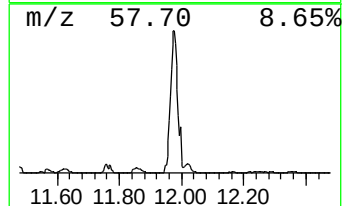
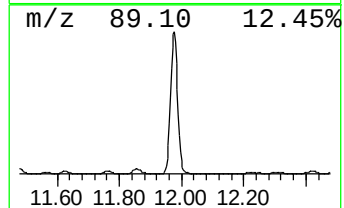
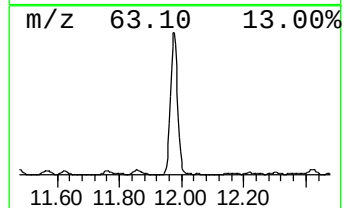
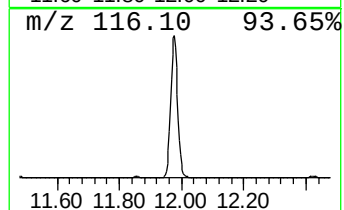
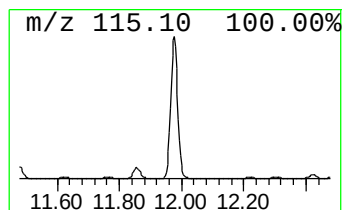
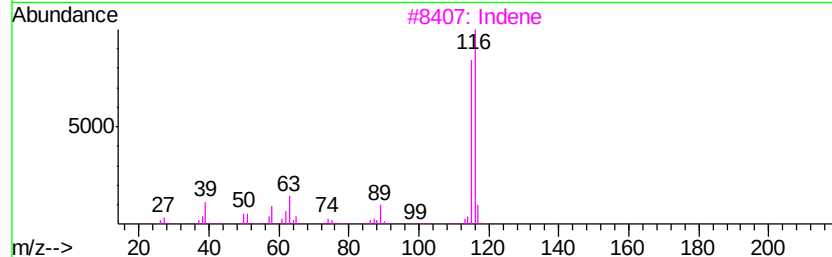
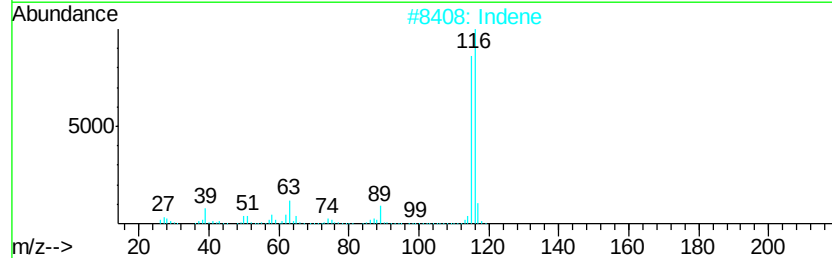
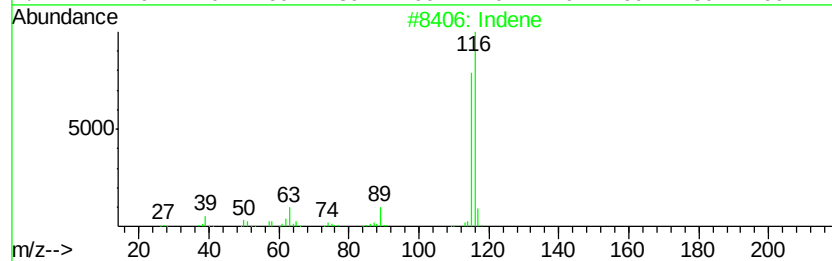
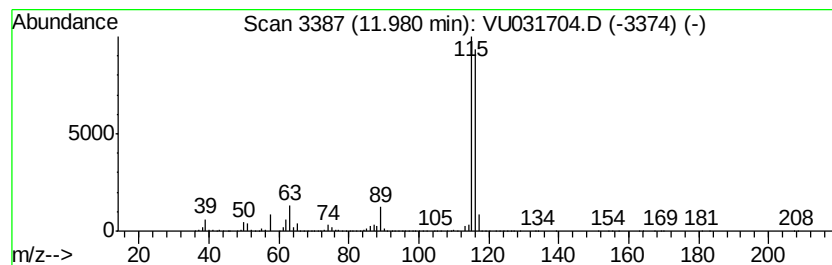
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Quant Title : VOC Analysis

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

Peak Number 13 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	181.36 ug/L	10020800	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	97
2		Indene	116	C9H8	000095-13-6	95
3		Indene	116	C9H8	000095-13-6	94
4		3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050219\
Data File : VU031704.D
Acq On : 02 May 2019 12:02
Operator : JC/SP
Sample : K2603-17 25X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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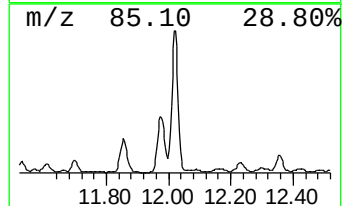
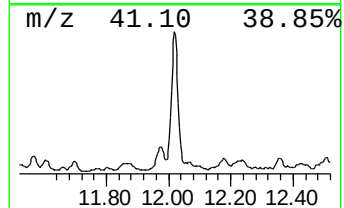
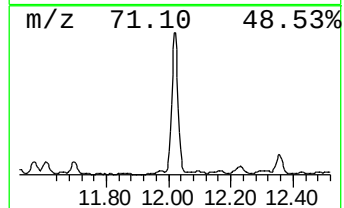
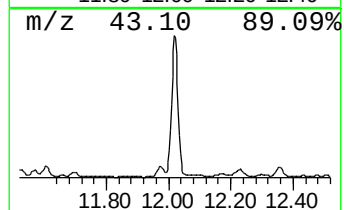
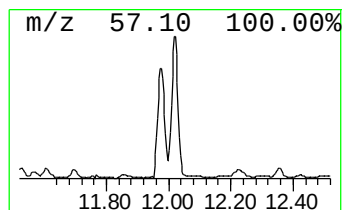
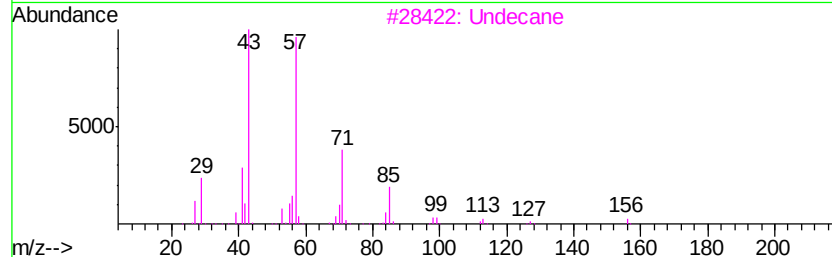
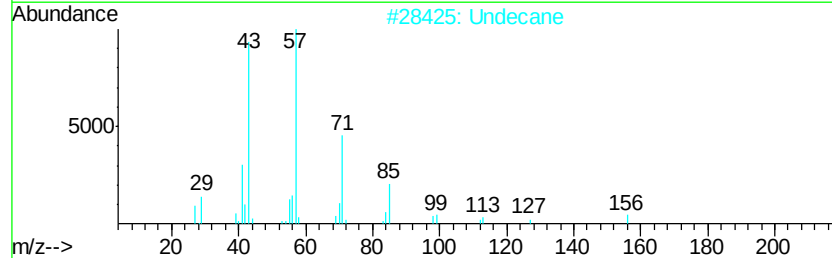
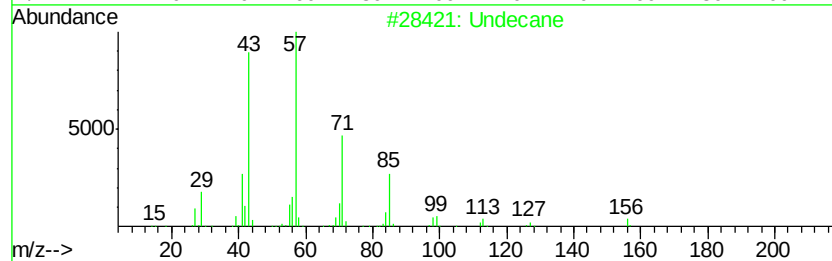
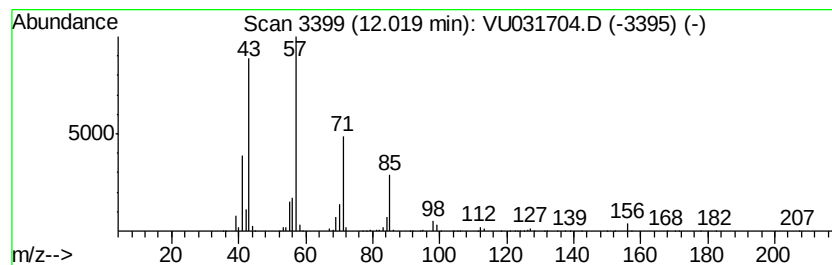
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	23.96 ug/L	1324090	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	91
2		Undecane	156	C11H24	001120-21-4	90
3		Undecane	156	C11H24	001120-21-4	90
4		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	86
5		Dotriacontane	451	C32H66	000544-85-4	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050219\
Data File : VU031704.D
Acq On : 02 May 2019 12:02
Operator : JC/SP
Sample : K2603-17 25X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ69

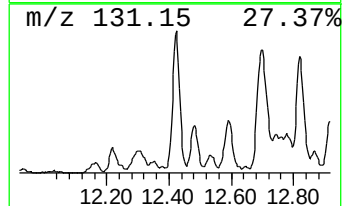
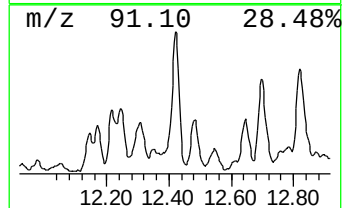
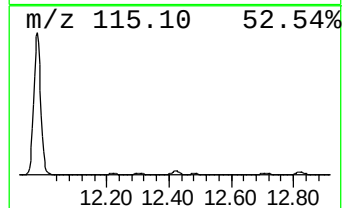
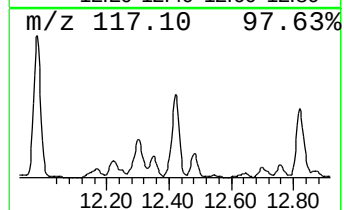
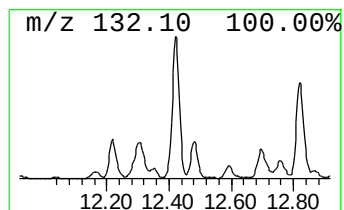
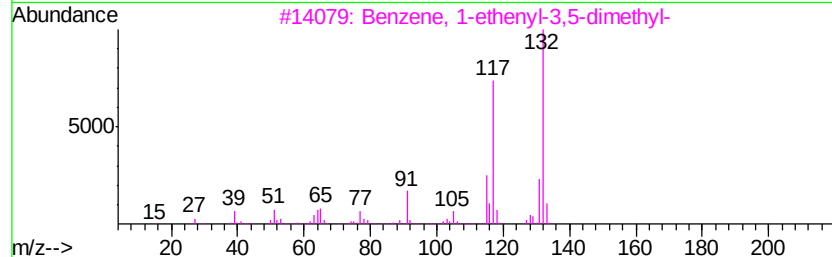
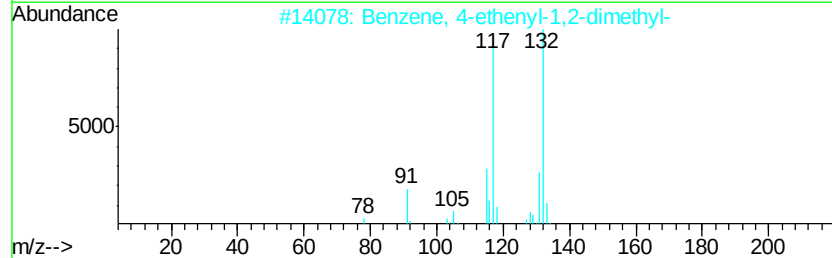
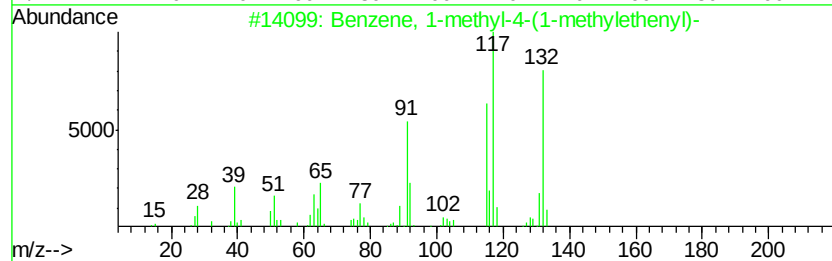
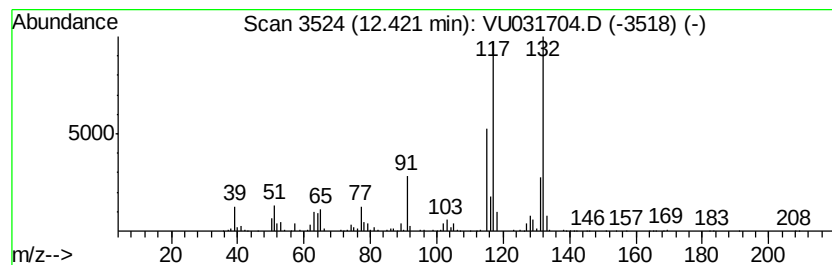
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Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 1-methyl-4-(1-meth... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	15.48 ug/L	855531	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	91
2		Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	90
3		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	90
4		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	90
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050219\
Data File : VU031704.D
Acq On : 02 May 2019 12:02
Operator : JC/SP
Sample : K2603-17 25X
Misc : 5.09µ/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ69

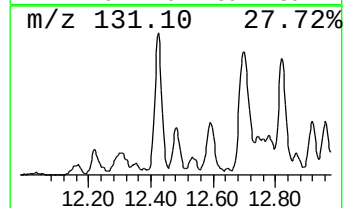
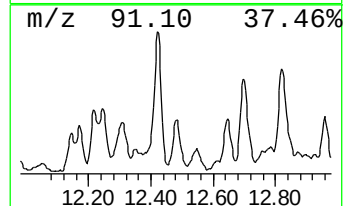
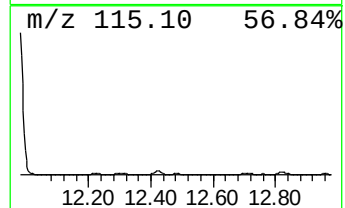
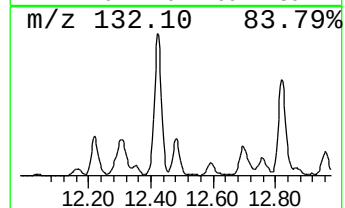
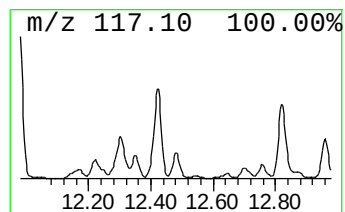
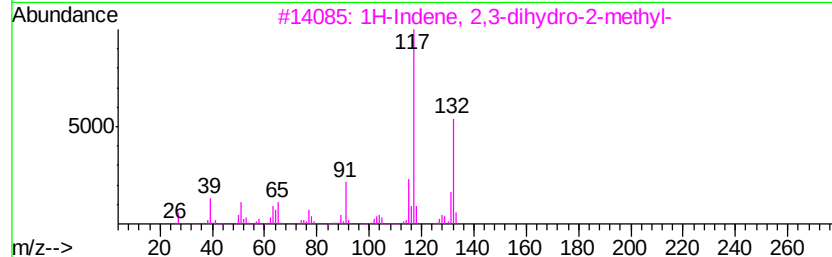
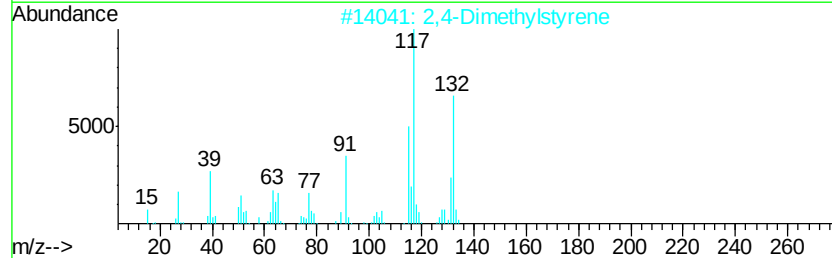
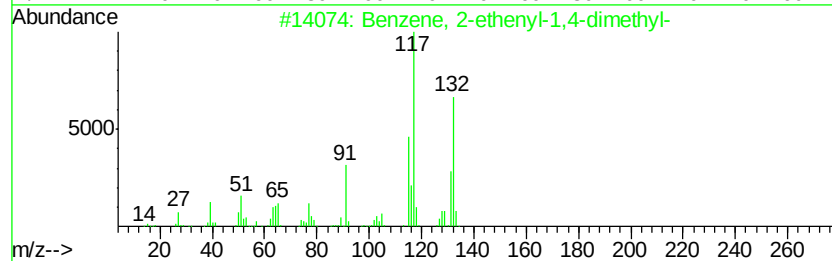
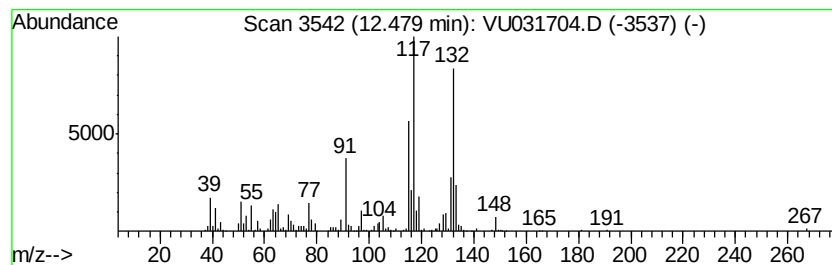
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Quant Title : VOC Analysis

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

Peak Number 16 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	4.67 ug/L	257891	1,4-Dichlorobenzene-d4	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	97
2			2,4-Dimethylstyrene	132	C10H12	002234-20-0	96
3			1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	92
4			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90
5			Benzene, 2-butenyl-	132	C10H12	001560-06-1	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050219\
Data File : VU031704.D
Acq On : 02 May 2019 12:02
Operator : JC/SP
Sample : K2603-17 25X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

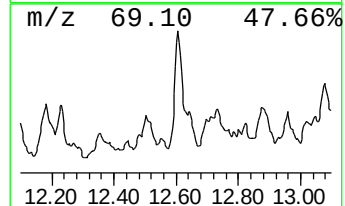
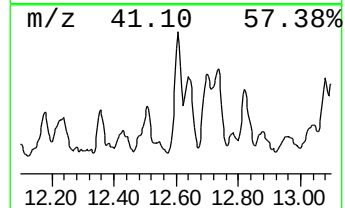
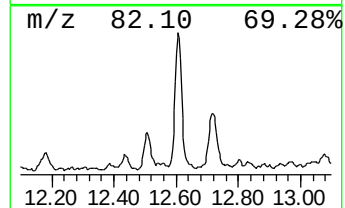
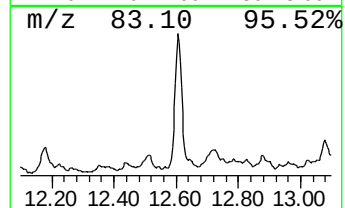
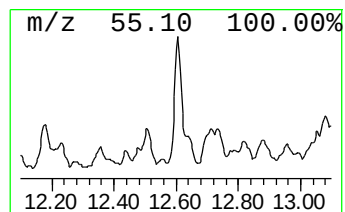
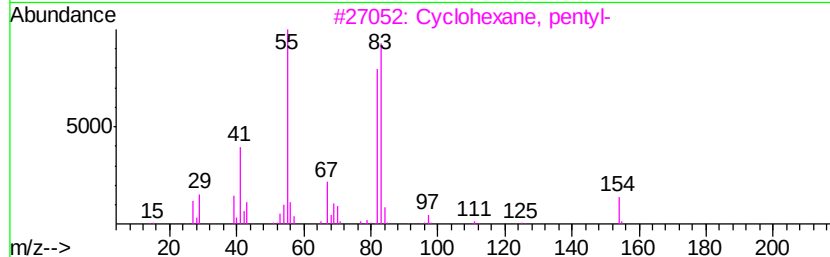
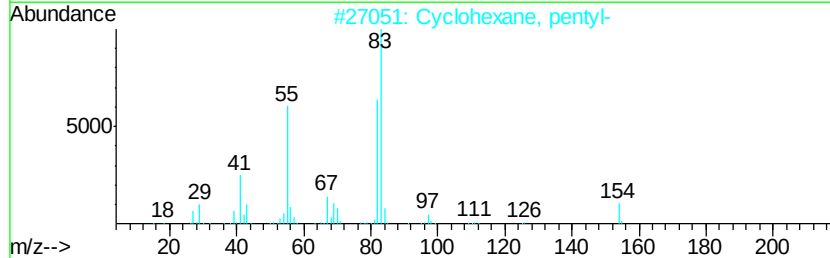
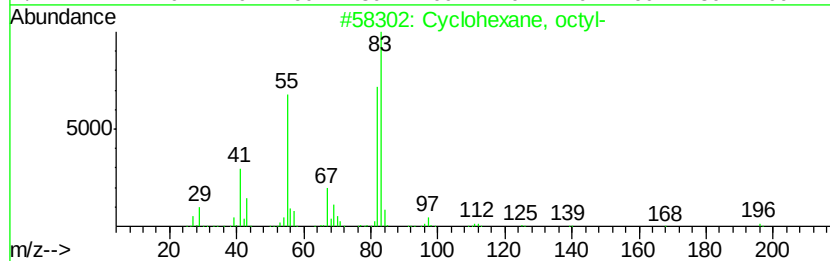
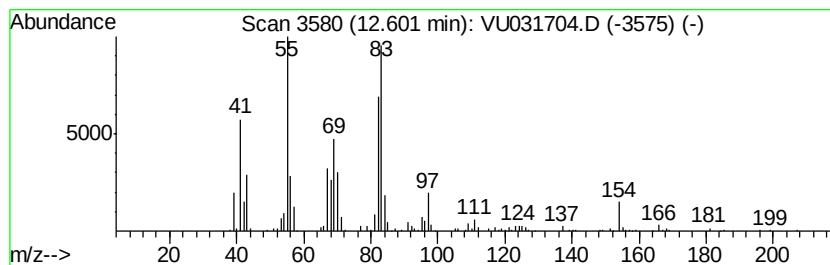
Instrument :
MSVOA_U
ClientSampleId :
GAJ69

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Cyclic12.60 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.60	5.96 ug/L	329502	1,4-Dichlorobenzene-d4	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	59
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
5	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050219\
Data File : VU031704.D
Acq On : 02 May 2019 12:02
Operator : JC/SP
Sample : K2603-17 25X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ69

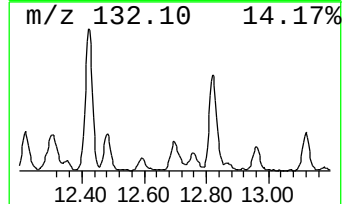
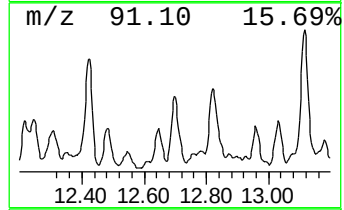
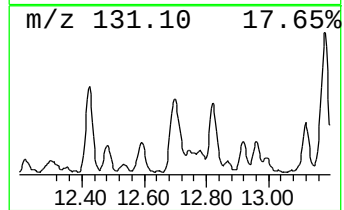
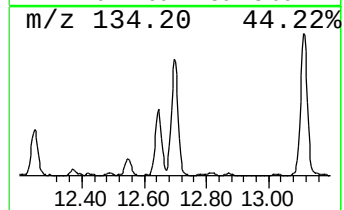
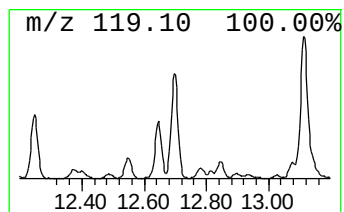
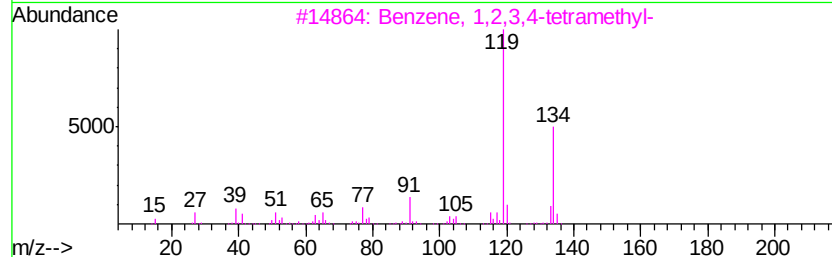
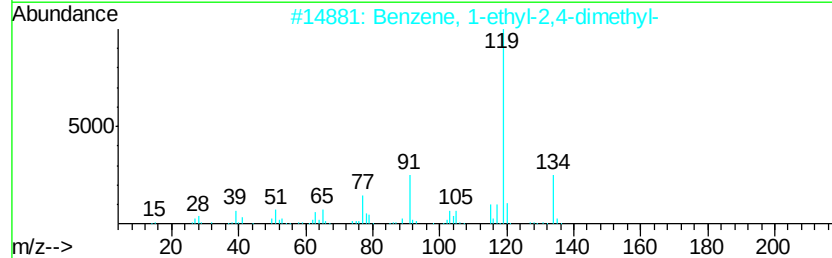
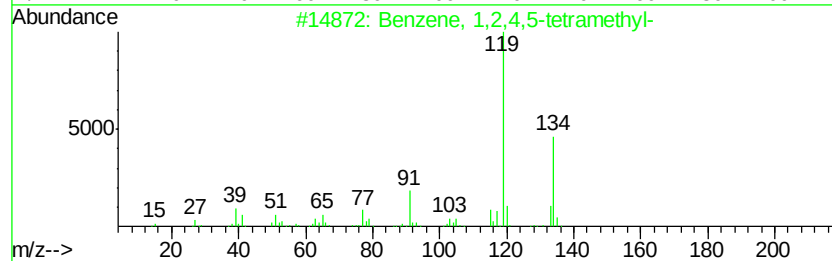
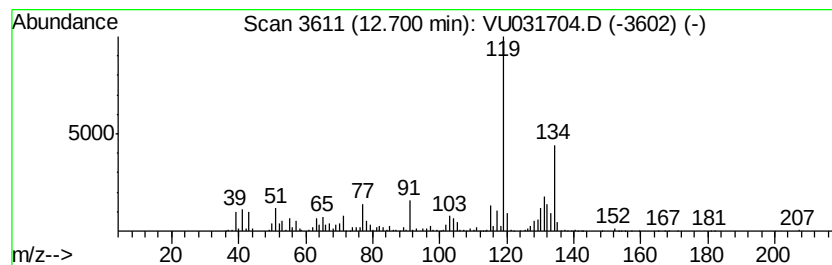
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Quant Title : VOC Analysis

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

Peak Number 18 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	26.31 ug/L	1453680	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050219\
Data File : VU031704.D
Acq On : 02 May 2019 12:02
Operator : JC/SP
Sample : K2603-17 25X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
GAJ69

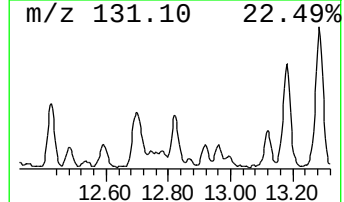
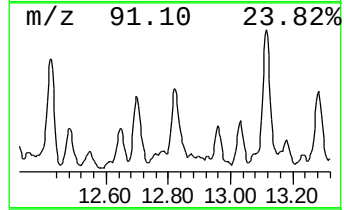
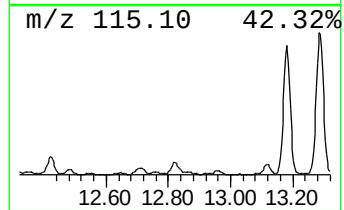
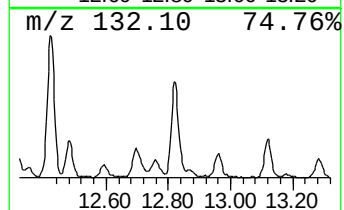
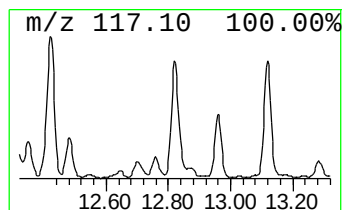
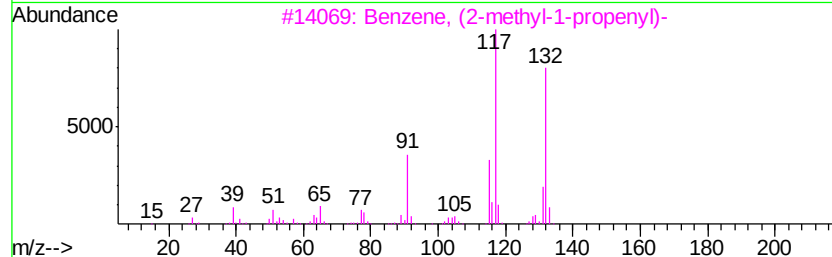
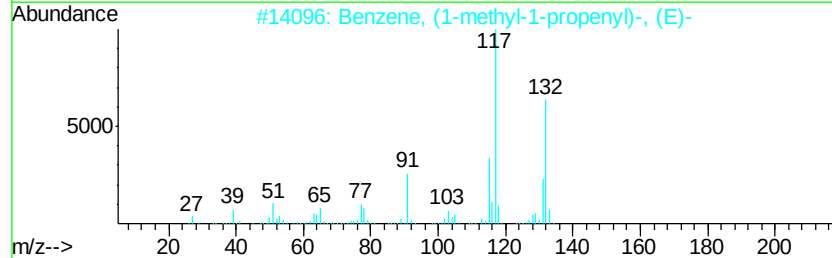
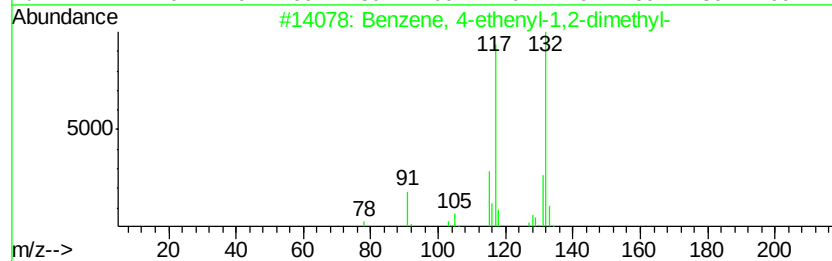
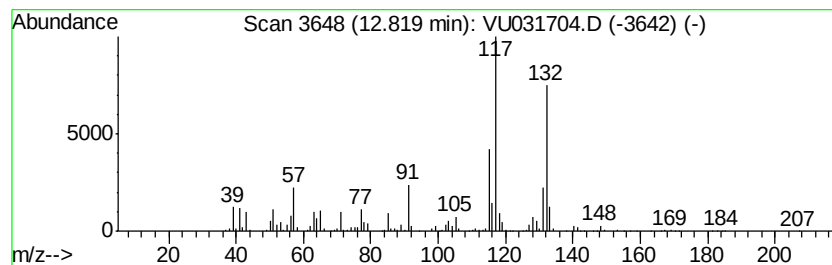
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Quant Title : VOC Analysis

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

Peak Number 19 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	10.96 ug/L	605838	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	95
2		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	94
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
4		(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	94
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050219\
 Data File : VU031704.D
 Acq On : 02 May 2019 12:02
 Operator : JC/SP
 Sample : K2603-17 25X
 Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAJ69

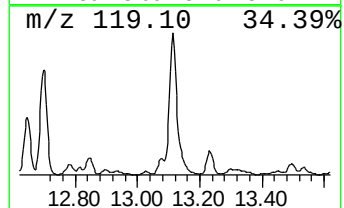
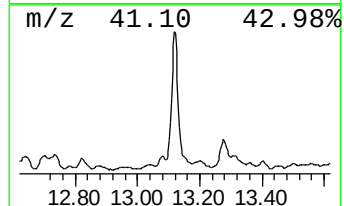
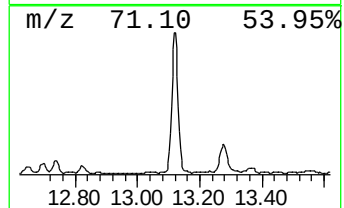
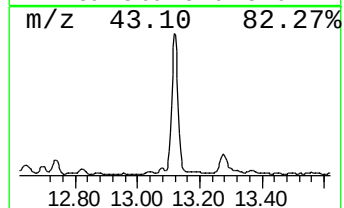
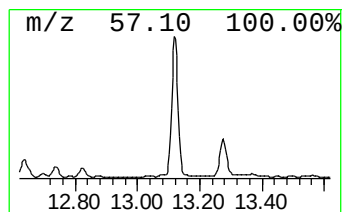
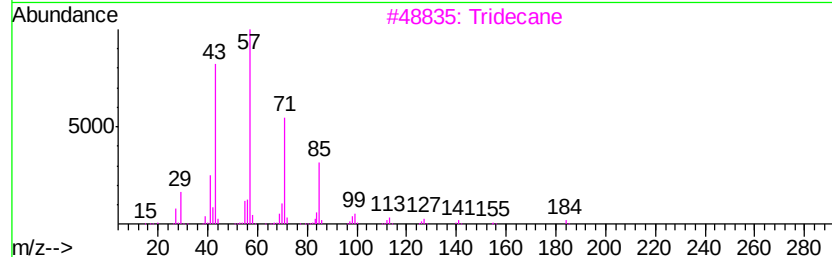
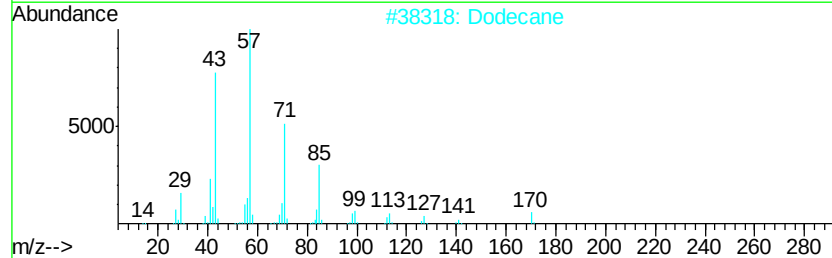
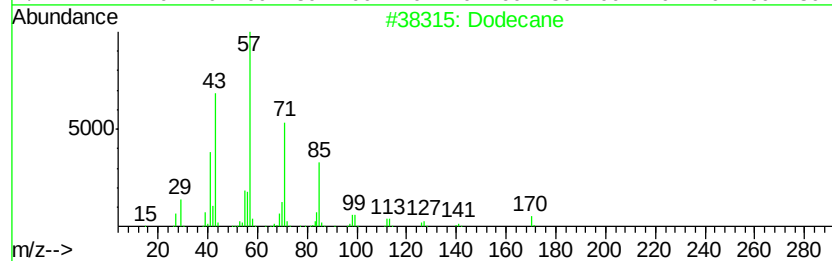
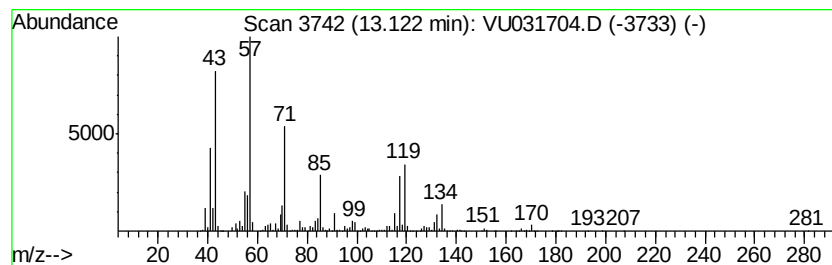
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 Quant Title : VOC Analysis

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

 Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	51.39 ug/L	2839400	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	64
2		Dodecane	170	C12H26	000112-40-3	50
3		Tridecane	184	C13H28	000629-50-5	38
4		Hexadecane	226	C16H34	000544-76-3	38
5		Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050219\
Data File : VU031704.D
Acq On : 02 May 2019 12:02
Operator : JC/SP
Sample : K2603-17 25X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ69

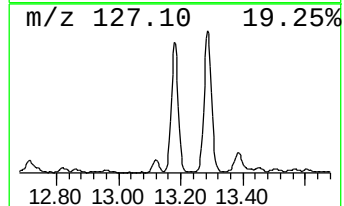
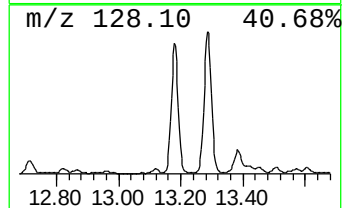
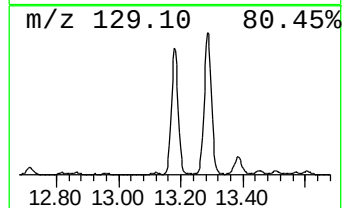
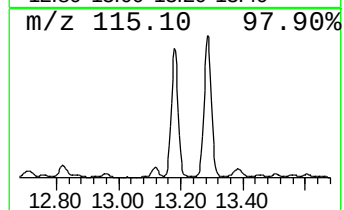
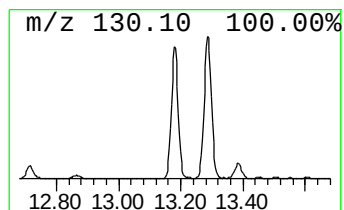
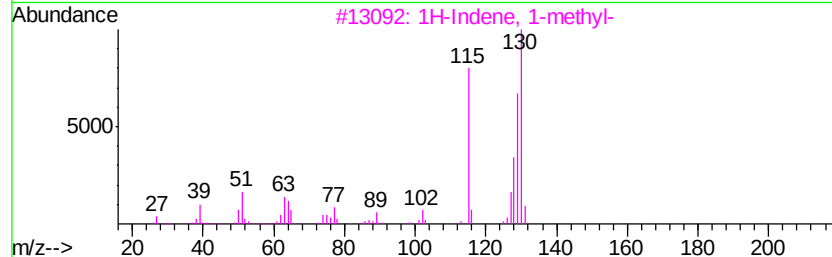
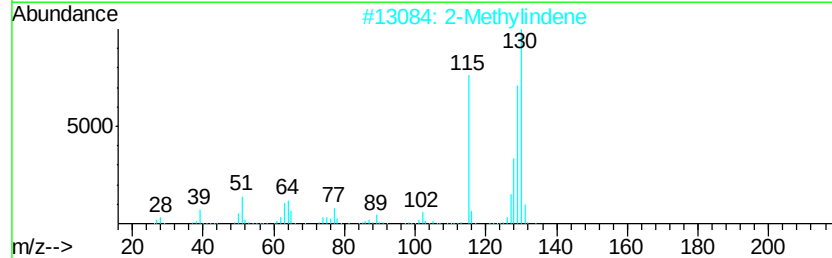
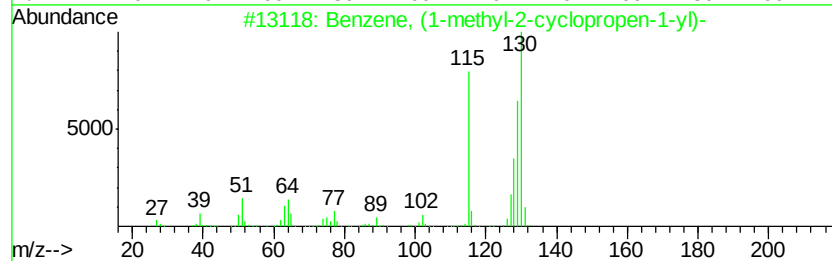
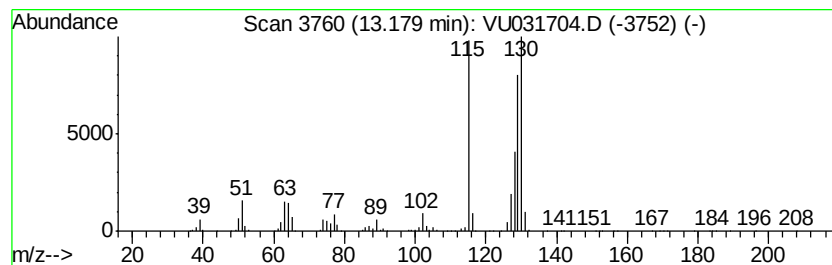
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Quant Title : VOC Analysis

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

Peak Number 21 Benzene, (1-methyl-2-cyclop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	58.75 ug/L	3246310	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
2		2-Methylindene	130	C10H10	002177-47-1	97
3		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
5		Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050219\
Data File : VU031704.D
Acq On : 02 May 2019 12:02
Operator : JC/SP
Sample : K2603-17 25X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ69

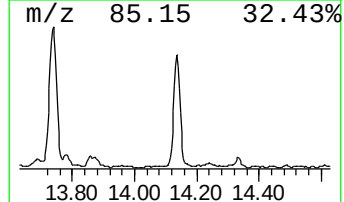
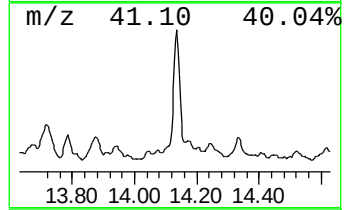
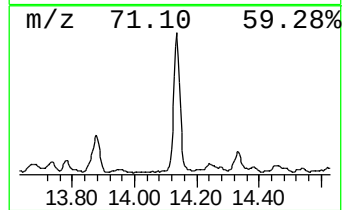
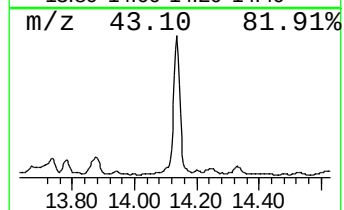
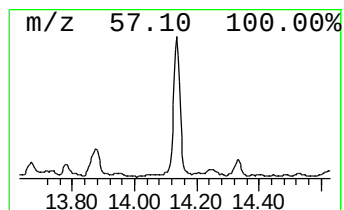
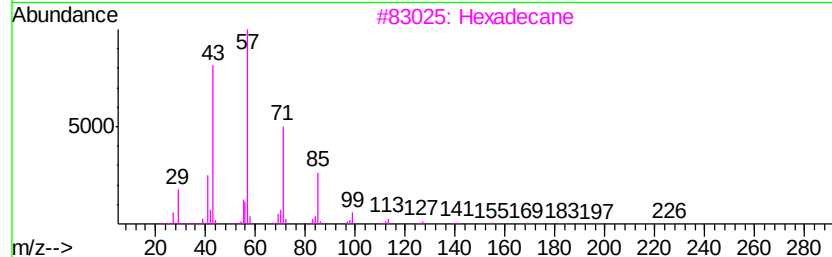
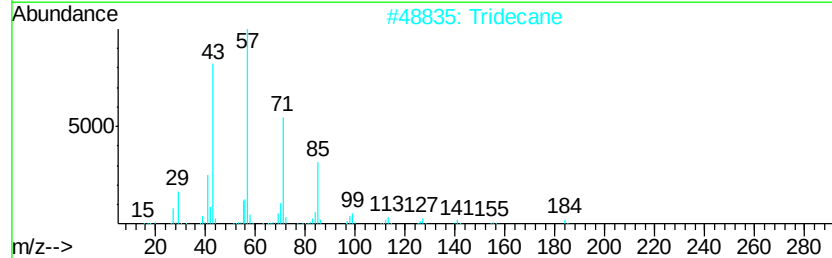
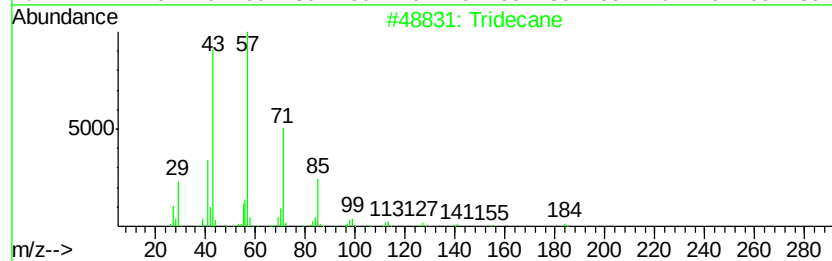
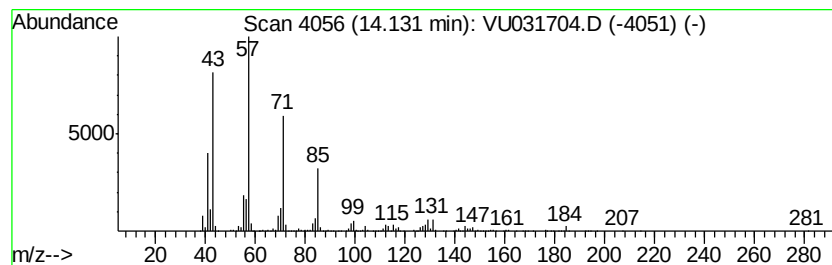
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Quant Title : VOC Analysis

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	21.95 ug/L	1212610	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	94
2		Tridecane	184	C13H28	000629-50-5	94
3		Hexadecane	226	C16H34	000544-76-3	87
4		Pentadecane	212	C15H32	000629-62-9	86
5		Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050219\
Data File : VU031704.D
Acq On : 02 May 2019 12:02
Operator : JC/SP
Sample : K2603-17 25X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

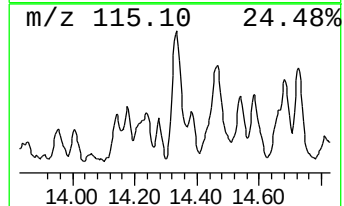
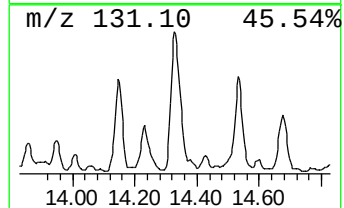
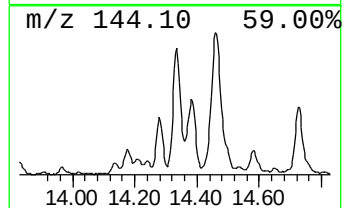
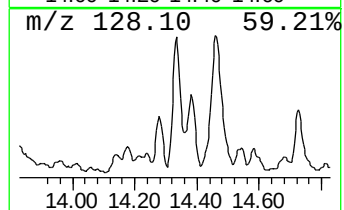
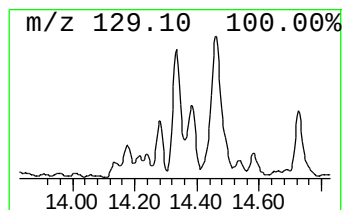
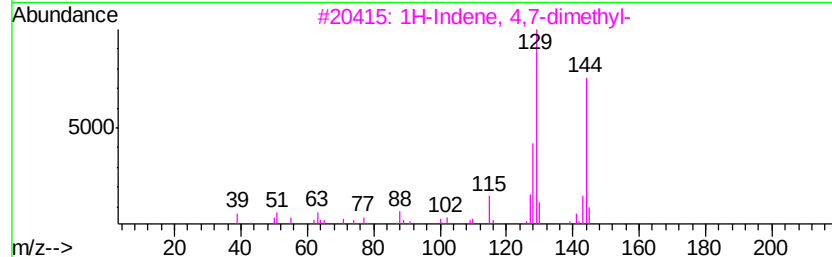
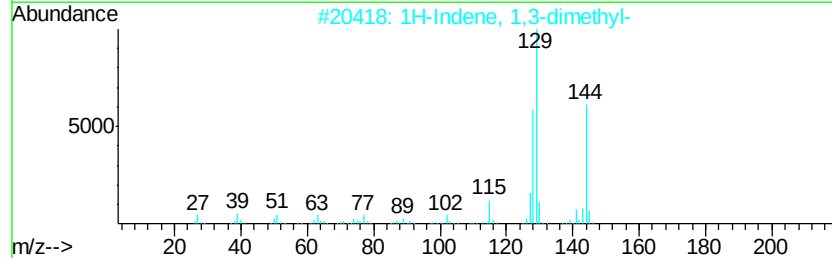
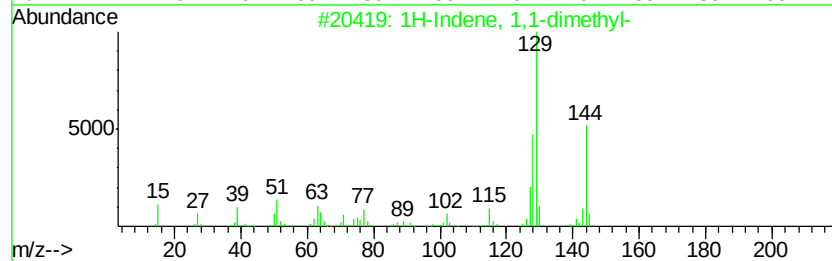
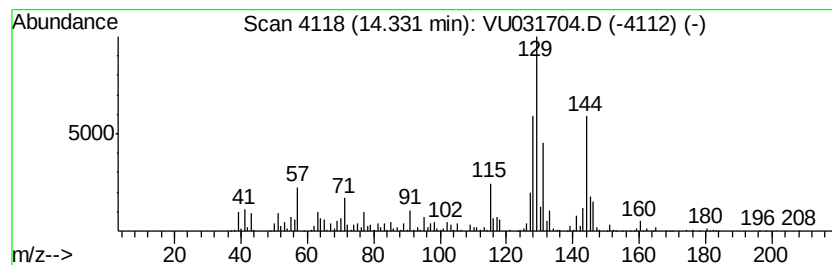
Instrument :
MSVOA_U
ClientSampleId :
GAJ69

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 25 1H-Indene, 1,1-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.33	17.59 ug/L	972072	1,4-Dichlorobenzene-d4	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	93
2	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	89
3	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	76
4	1H-Cyclopropa[blnaphthalene, 1a,...	144	C11H12	006571-72-8	70
5	Benzene, (2-cyclopropylethenyl)-	144	C11H12	1000142-01-6	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050219\
Data File : VU031704.D
Acq On : 02 May 2019 12:02
Operator : JC/SP
Sample : K2603-17 25X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ69

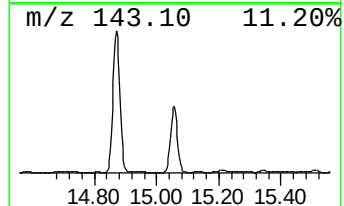
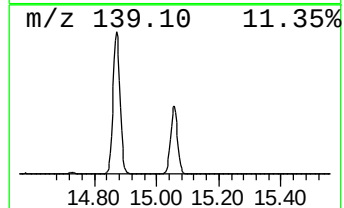
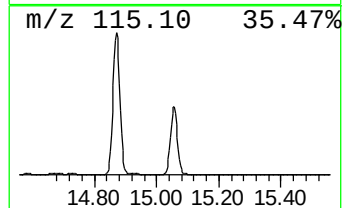
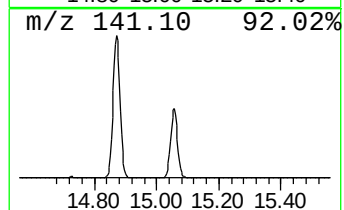
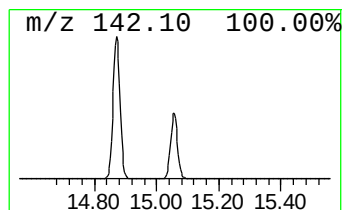
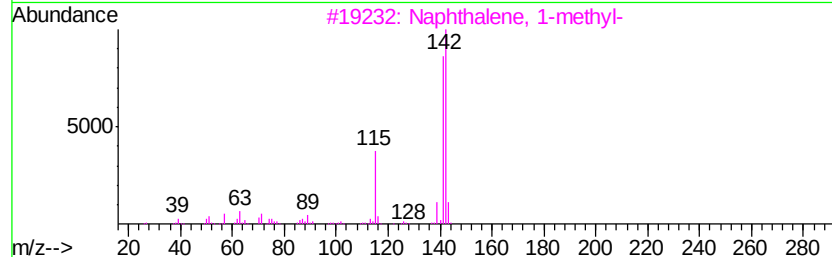
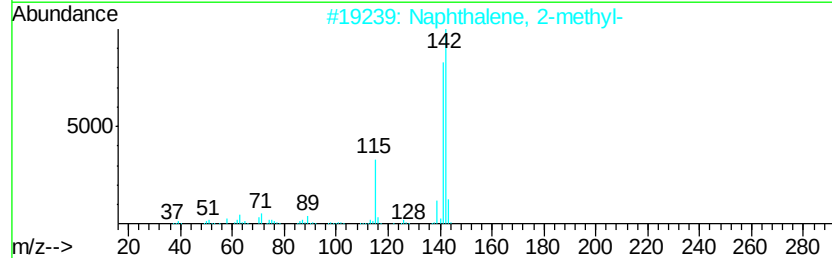
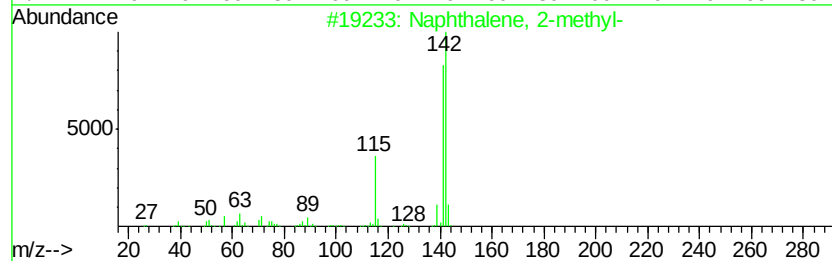
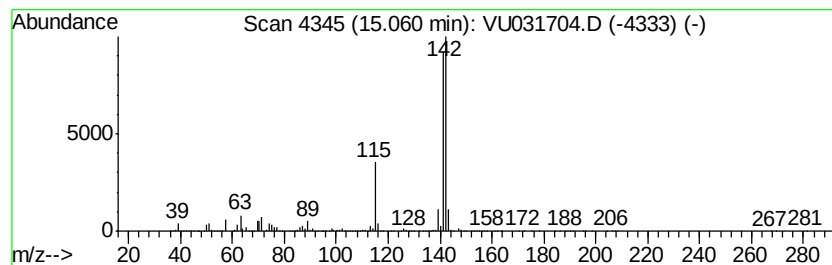
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Quant Title : VOC Analysis

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

Peak Number 27 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	286.44 ug/L	15826700	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
5		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050219\
Data File : VU031704.D
Acq On : 02 May 2019 12:02
Operator : JC/SP
Sample : K2603-17 25X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

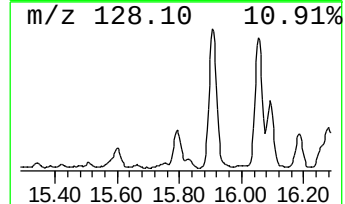
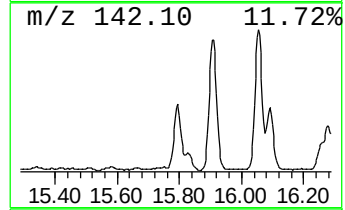
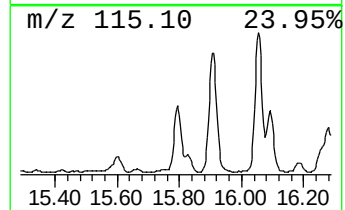
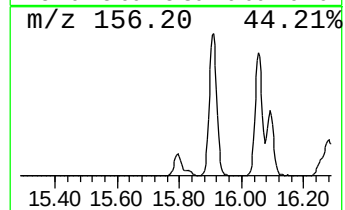
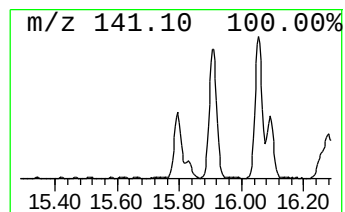
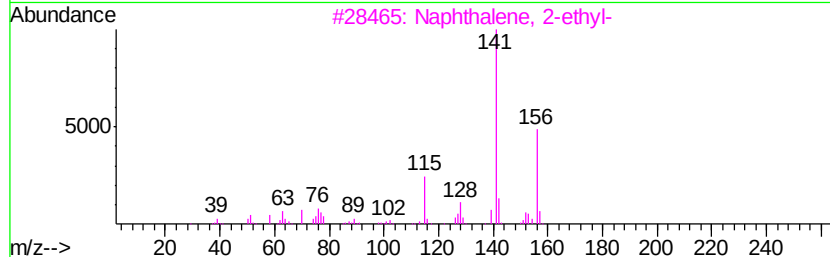
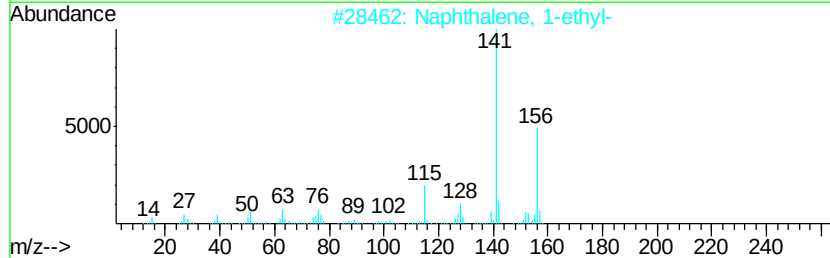
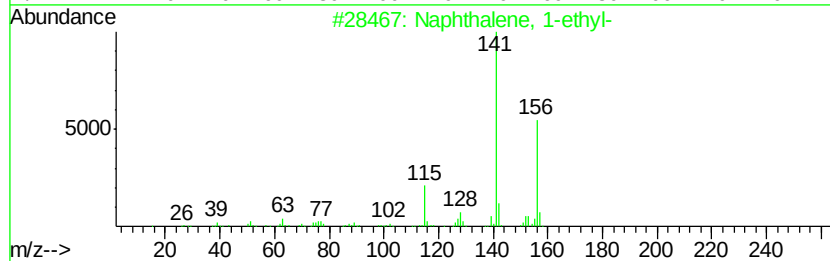
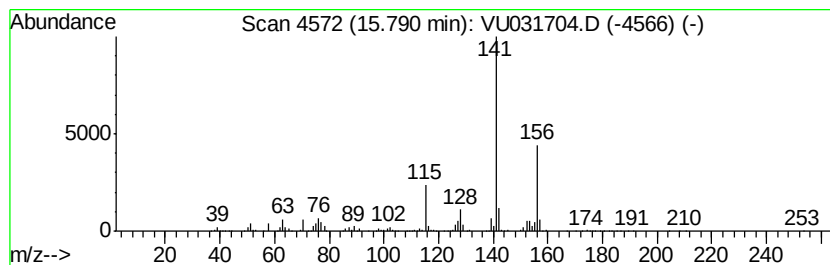
Instrument :
MSVOA_U
ClientSampleId :
GAJ69

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 29 Naphthalene, 1-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	29.58 ug/L	1634360	1,4-Dichlorobenzene-d4	11.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 97
2		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 96
3		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 96
4		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 95
5		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 95



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050219\
Data File : VU031704.D
Acq On : 02 May 2019 12:02
Operator : JC/SP
Sample : K2603-17 25X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

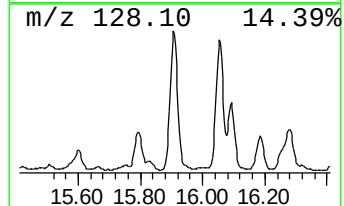
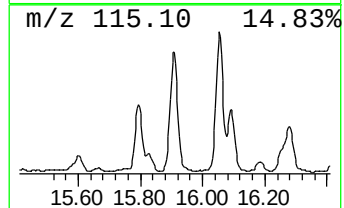
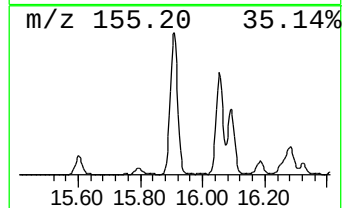
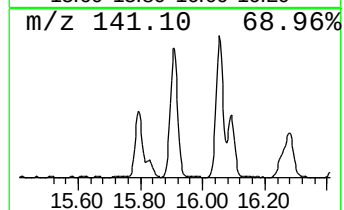
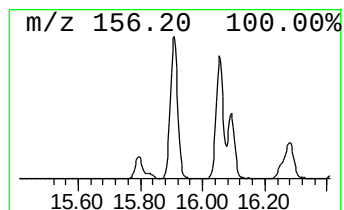
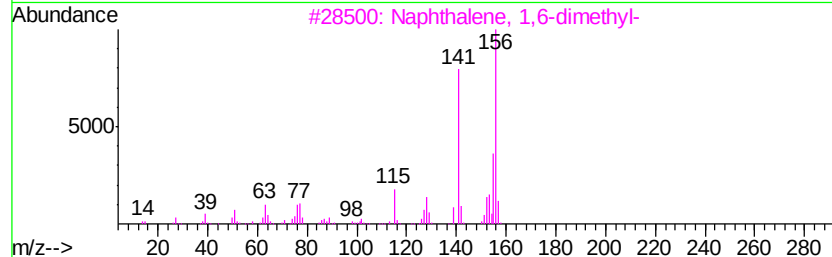
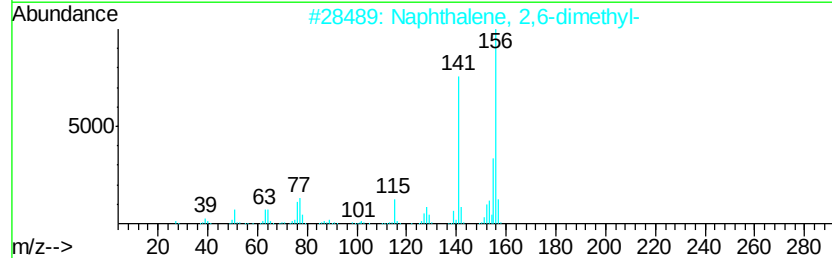
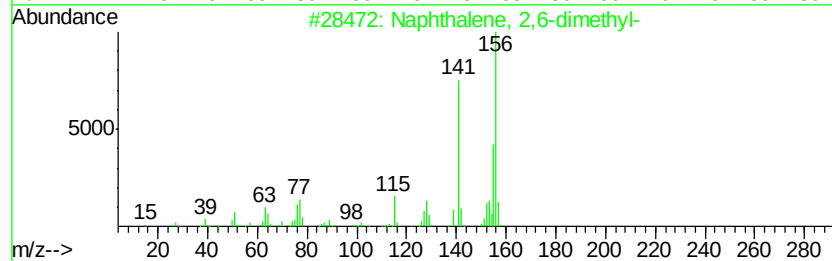
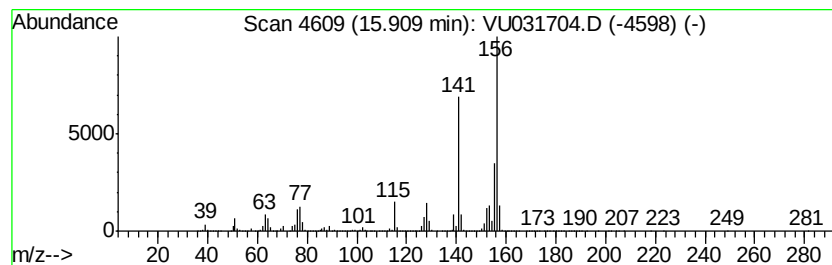
Instrument :
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 30 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.91	142.36 ug/L	7865930	1,4-Dichlorobenzene-d4	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050219\
Data File : VU031704.D
Acq On : 02 May 2019 12:02
Operator : JC/SP
Sample : K2603-17 25X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ69

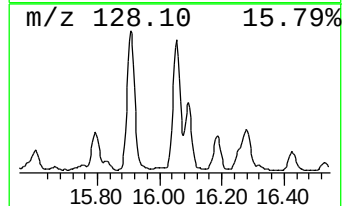
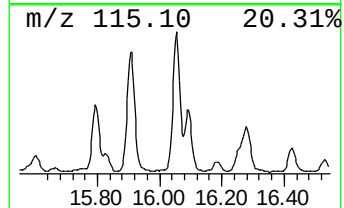
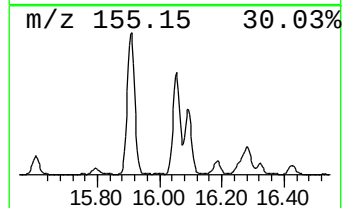
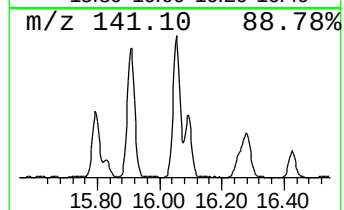
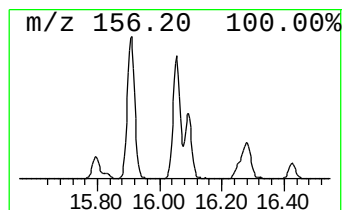
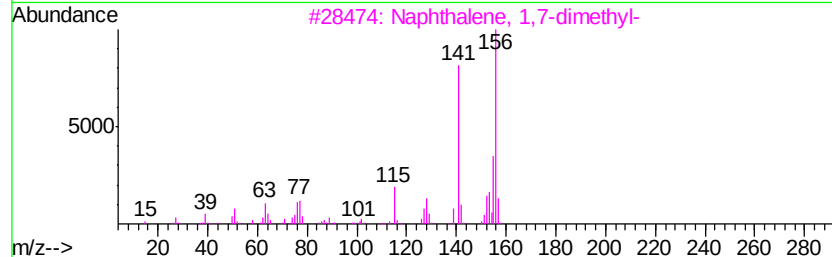
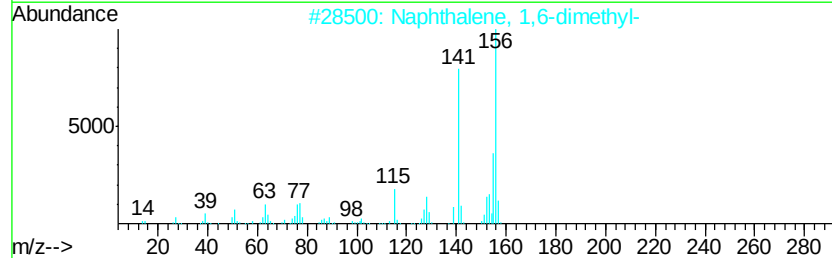
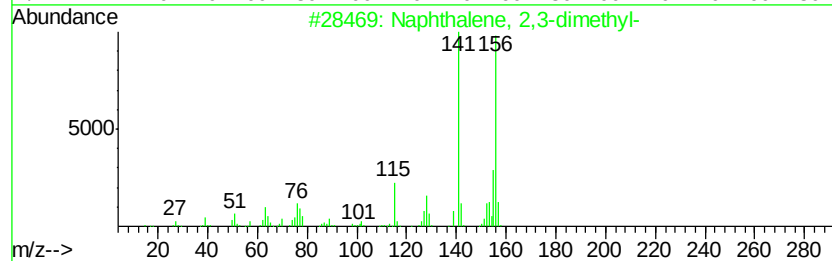
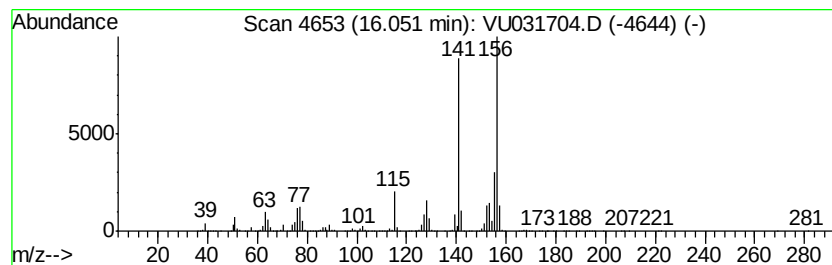
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Quant Title : VOC Analysis

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

Peak Number 31 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	123.11 ug/L	6802200	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050219\
Data File : VU031704.D
Acq On : 02 May 2019 12:02
Operator : JC/SP
Sample : K2603-17 25X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

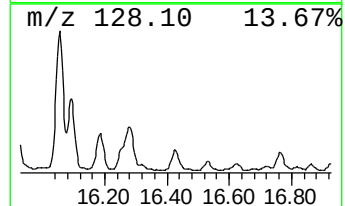
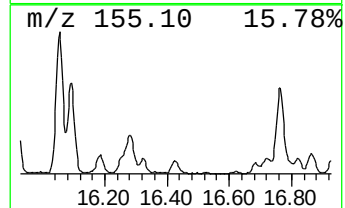
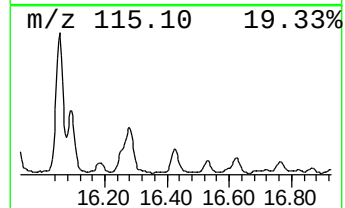
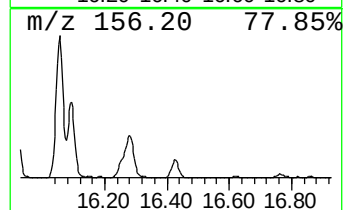
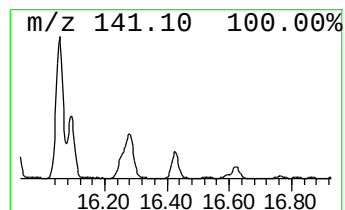
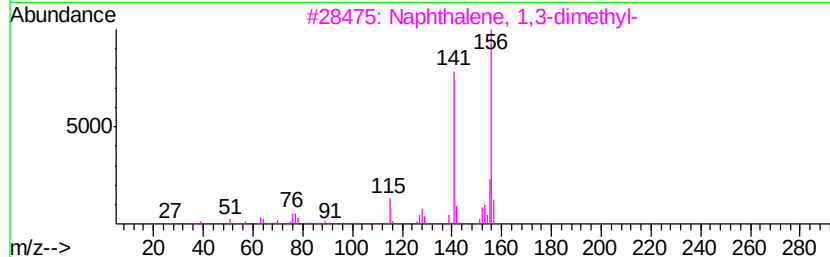
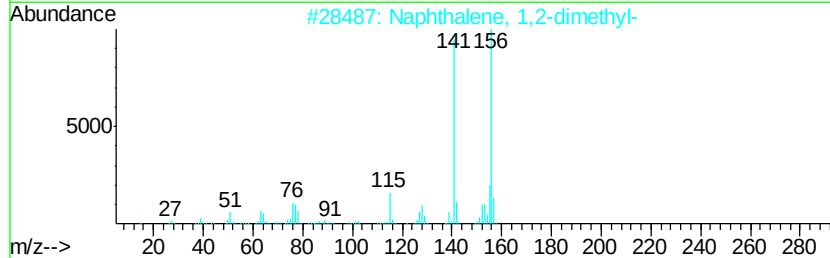
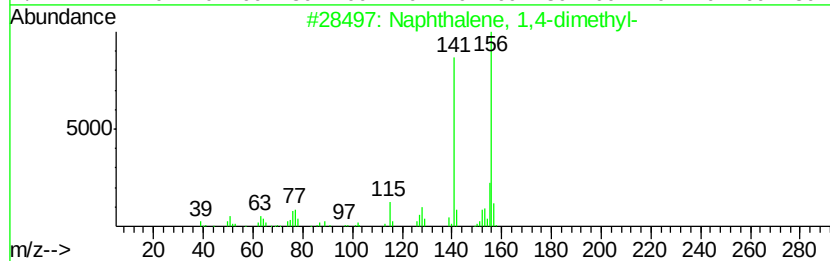
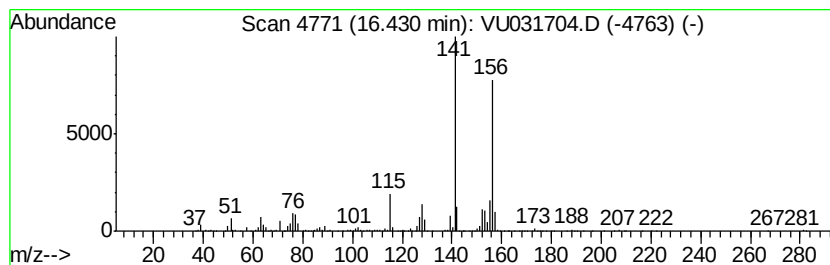
Instrument :
MSVOA_U
ClientSampleId :
GAJ69

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 34 Naphthalene, 1,4-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	16.10 ug/L	889347	1,4-Dichlorobenzene-d4	11.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
2		Naphthalene, 1,2-dimethyl-	156 C12H12	000573-98-8 96
3		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96
5		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 95



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050219\
Data File : VU031704.D
Acq On : 02 May 2019 12:02
Operator : JC/SP
Sample : K2603-17 25X
Misc : 5.09µ/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ69

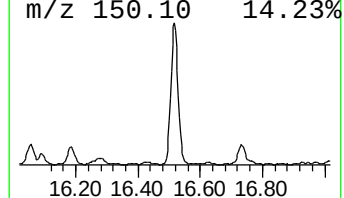
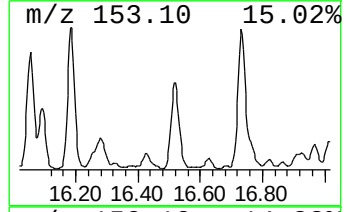
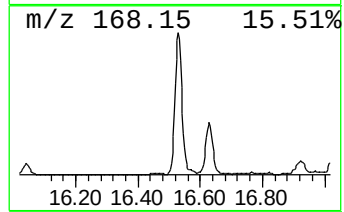
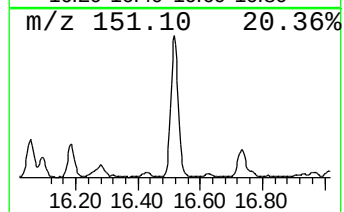
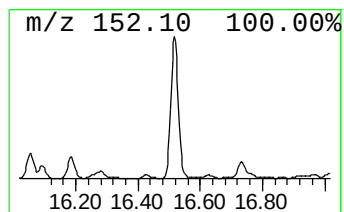
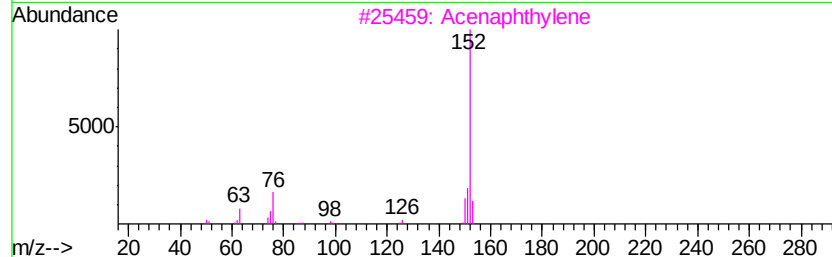
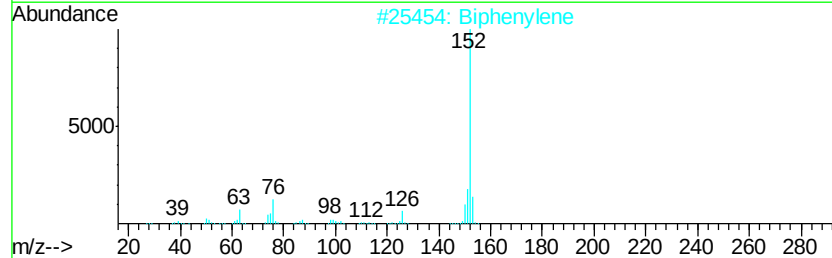
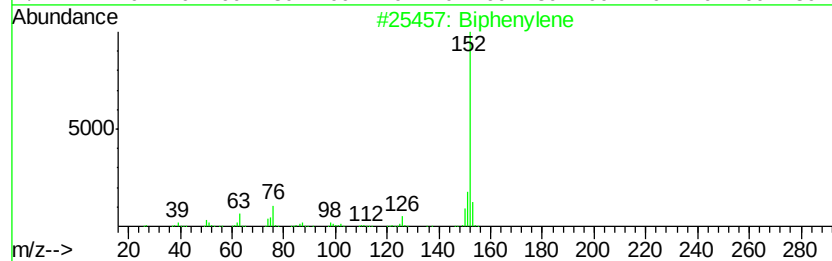
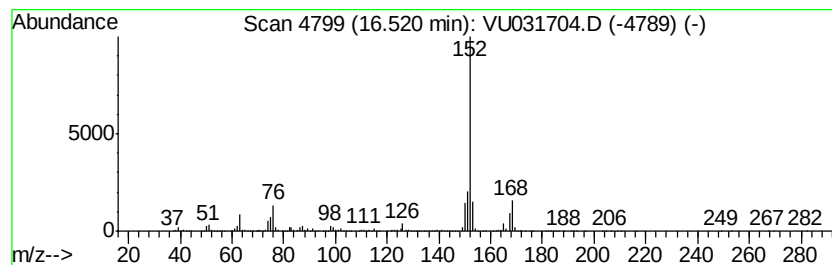
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Quant Title : VOC Analysis

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

Peak Number 35 Biphenylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	62.72 ug/L	3465310	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Biphenylene	152	C12H8	000259-79-0	90
2		Biphenylene	152	C12H8	000259-79-0	81
3		Acenaphthylene	152	C12H8	000208-96-8	76
4		Acenaphthylene	152	C12H8	000208-96-8	76
5		Biphenylene	152	C12H8	000259-79-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050219\
Data File : VU031704.D
Acq On : 02 May 2019 12:02
Operator : JC/SP
Sample : K2603-17 25X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ69

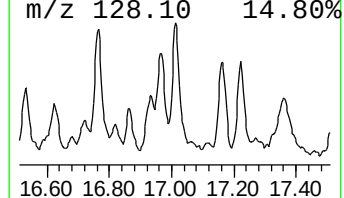
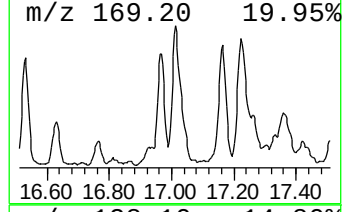
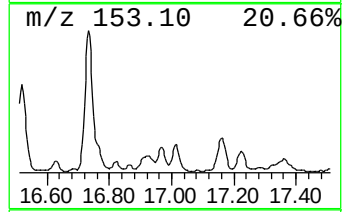
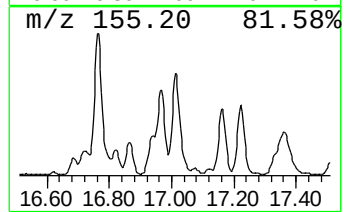
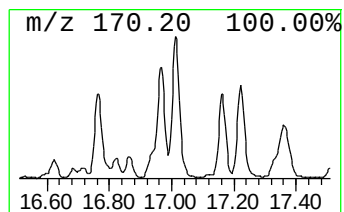
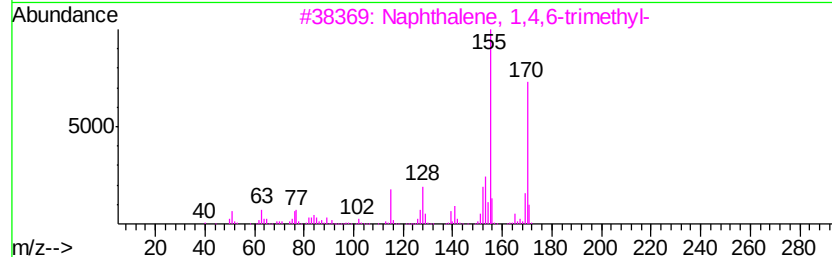
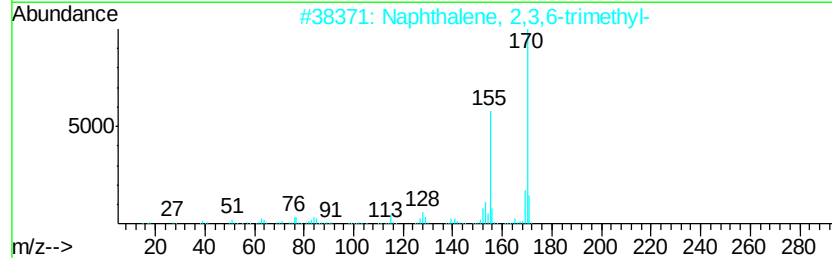
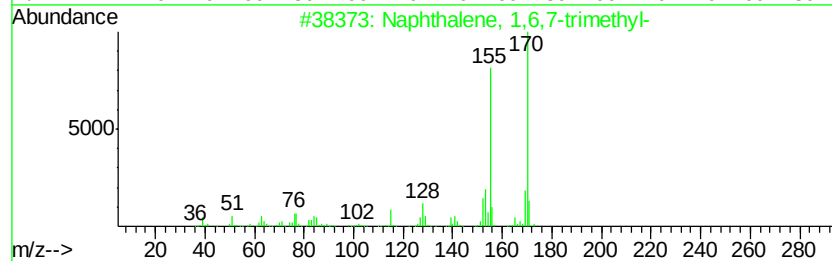
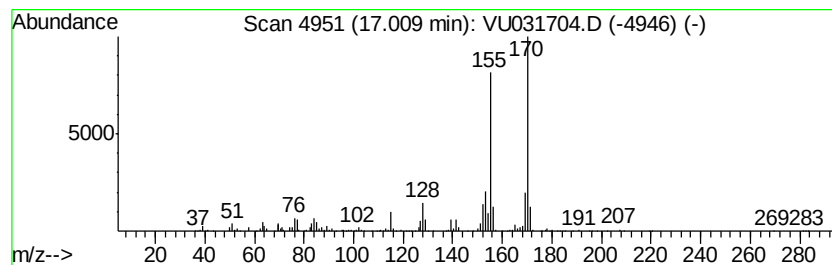
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Quant Title : VOC Analysis

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

Peak Number 36 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	24.13 ug/L	1333380	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050219\
Data File : VU031704.D
Acq On : 02 May 2019 12:02
Operator : JC/SP
Sample : K2603-17 25X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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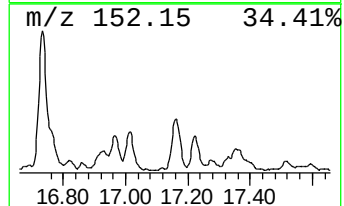
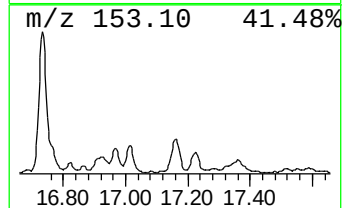
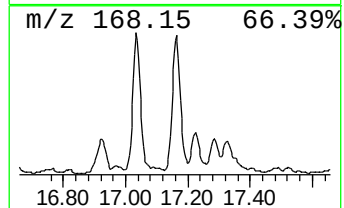
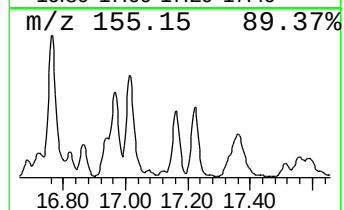
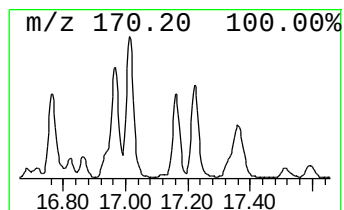
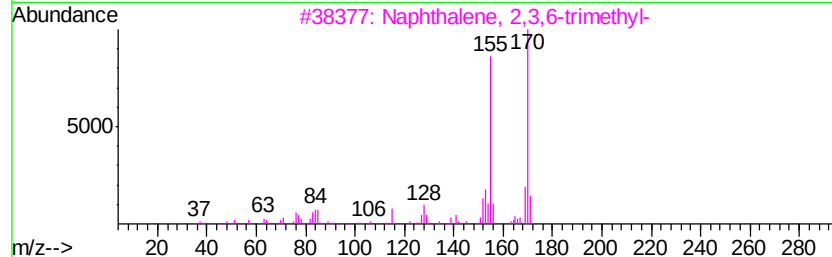
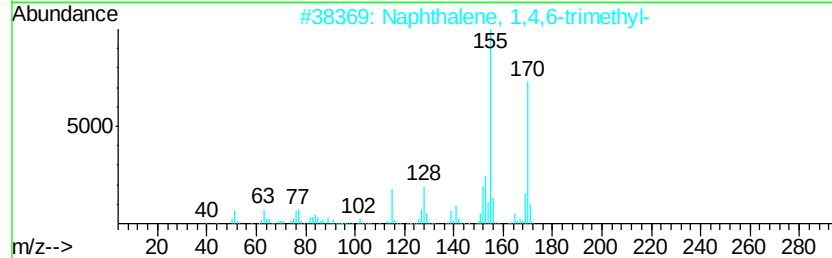
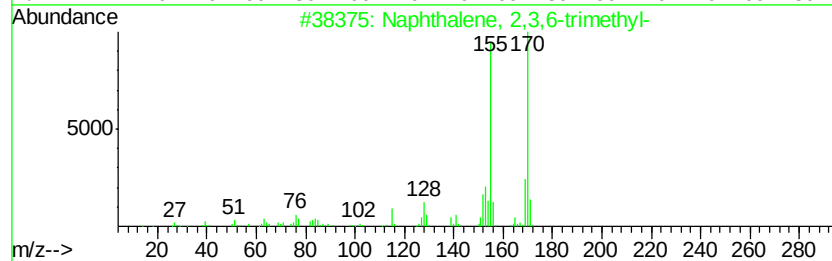
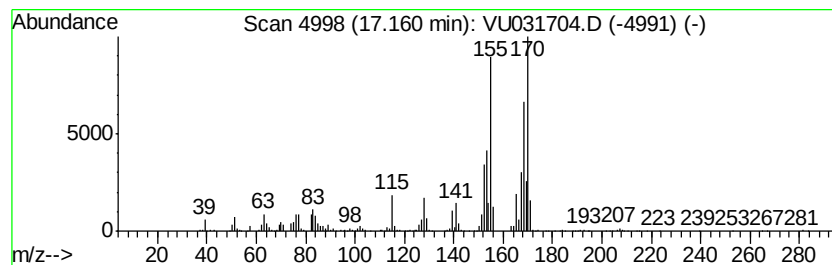
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 37 Naphthalene, 2,3,6-trimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	16.80 ug/L	928243	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	83
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050219\
 Data File : VU031704.D
 Acq On : 02 May 2019 12:02
 Operator : JC/SP
 Sample : K2603-17 25X
 Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAJ69

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	9.44	4.9	ug/L	285150	2	9.09	2926870	50.0
Benzene, 1-ethyl-...	10.68	17.6	ug/L	972695	3	11.48	2762620	50.0
(DEL) Alkane: Str...	10.81	13.7	ug/L	756940	3	11.48	2762620	50.0
Benzene, 1-ethyl-...	10.97	3.9	ug/L	215110	3	11.48	2762620	50.0
Benzene, 1,2,3-tr...	11.14	48.5	ug/L	2680300	3	11.48	2762620	50.0
Benzene, 1-etheny...	11.21	50.6	ug/L	2798360	3	11.48	2762620	50.0
Benzofuran	11.40	5.9	ug/L	325114	3	11.48	2762620	50.0
Indane	11.76	8.4	ug/L	463049	3	11.48	2762620	50.0
Indene	11.98	181.4	ug/L	10020800	3	11.48	2762620	50.0
(DEL) Alkane: Str...	12.02	24.0	ug/L	1324090	3	11.48	2762620	50.0
Benzene, 1-methyl...	12.42	15.5	ug/L	855531	3	11.48	2762620	50.0
Benzene, 2-etheny...	12.48	4.7	ug/L	257891	3	11.48	2762620	50.0
(DEL) Alkane: Cyc...	12.60	6.0	ug/L	329502	3	11.48	2762620	50.0
Benzene, 1,2,4,5-...	12.70	26.3	ug/L	1453680	3	11.48	2762620	50.0
Benzene, 4-etheny...	12.82	11.0	ug/L	605838	3	11.48	2762620	50.0
(DEL) Alkane: Str...	13.12	51.4	ug/L	2839400	3	11.48	2762620	50.0
Benzene, (1-methy...	13.18	58.8	ug/L	3246310	3	11.48	2762620	50.0
(DEL) Alkane: Str...	14.13	21.9	ug/L	1212610	3	11.48	2762620	50.0
1H-Indene, 1,1-di...	14.33	17.6	ug/L	972072	3	11.48	2762620	50.0
Naphthalene, 1-me...	15.06	286.4	ug/L	15826700	3	11.48	2762620	50.0
Naphthalene, 1-et...	15.79	29.6	ug/L	1634360	3	11.48	2762620	50.0
Naphthalene, 2,6-...	15.91	142.4	ug/L	7865930	3	11.48	2762620	50.0
Naphthalene, 2,3-...	16.05	123.1	ug/L	6802200	3	11.48	2762620	50.0
Naphthalene, 1,4-...	16.43	16.1	ug/L	889347	3	11.48	2762620	50.0
Biphenylene	16.52	62.7	ug/L	3465310	3	11.48	2762620	50.0
Naphthalene, 1,6,...	17.01	24.1	ug/L	1333380	3	11.48	2762620	50.0
Naphthalene, 2,3,...	17.16	16.8	ug/L	928243	3	11.48	2762620	50.0