

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\
 Data File : VW010223.D
 Acq On : 30 Apr 2019 17:43
 Operator : SY/VA
 Sample : K2604-14
 Misc : 5.07G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAJ88

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_W\METHOD\SOM2WLM042919S.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	2.154	36	41	49	rBV	23919	63063	0.17%	0.049%
2	2.349	68	73	88	rVB	71081	175178	0.47%	0.137%
3	2.885	155	161	183	rVB2	59159	177660	0.48%	0.139%
4	4.007	333	345	360	rBV2	123902	466611	1.26%	0.364%
5	4.373	397	405	406	rBV2	4038	8029	0.02%	0.006%
6	4.397	406	409	416	rVB2	5957	12270	0.03%	0.010%
7	4.909	482	493	511	rBV2	19034	81811	0.22%	0.064%
8	5.623	605	610	613	rBV3	625	1058	0.00%	0.001%
9	5.793	637	638	642	rVB4	1019	1059	0.00%	0.001%
10	5.915	654	658	661	rBV4	2105	3172	0.01%	0.002%
11	6.421	737	741	743	rBV2	676	1001	0.00%	0.001%
12	6.866	811	814	815	rBV2	746	887	0.00%	0.001%
13	6.982	827	833	834	rBV3	1310	2126	0.01%	0.002%
14	7.080	839	849	862	rBV	60526	172559	0.46%	0.135%
15	7.257	875	878	881	rVV3	936	1007	0.00%	0.001%
16	7.543	923	925	927	rVV3	864	898	0.00%	0.001%
17	7.647	931	942	953	rVB	287722	698806	1.88%	0.545%
18	8.269	1033	1044	1062	rBV3	514933	1749479	4.71%	1.365%
19	8.391	1062	1064	1065	rVV3	1289	1055	0.00%	0.001%
20	8.409	1065	1067	1072	rVB2	1424	1477	0.00%	0.001%
21	8.500	1080	1082	1086	rVB3	983	1038	0.00%	0.001%
22	8.543	1086	1089	1090	rBV2	889	1010	0.00%	0.001%
23	8.683	1107	1112	1121	rVB7	2909	7025	0.02%	0.005%
24	8.842	1128	1138	1150	rBV	752107	1493373	4.02%	1.165%
25	9.079	1167	1177	1183	rBV3	7383	17081	0.05%	0.013%
26	9.183	1191	1194	1199	rVB2	574	1082	0.00%	0.001%
27	9.274	1199	1209	1217	rBV	375576	773107	2.08%	0.603%
28	9.604	1259	1263	1267	rBV4	1069	1606	0.00%	0.001%
29	9.665	1269	1273	1282	rVB7	1979	4699	0.01%	0.004%
30	9.750	1282	1287	1290	rBV4	2234	3626	0.01%	0.003%
31	9.890	1305	1310	1315	rBV5	2297	5186	0.01%	0.004%
32	9.957	1315	1321	1325	rBV6	4190	7958	0.02%	0.006%
33	10.030	1326	1333	1342	rBV	197213	359004	0.97%	0.280%
34	10.219	1359	1364	1365	rBV4	1355	2191	0.01%	0.002%

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Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

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 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
 Title : VOC Analysis

35	10.250	1365	1369	1373	rVV4	2471	4227	0.01%	0.003%
36	10.323	1373	1381	1387	rVV	729249	1273285	3.43%	0.994%
37	10.384	1387	1391	1399	rVV	54887	97269	0.26%	0.076%
38	10.500	1403	1410	1416	rBV2	18232	31696	0.09%	0.025%
39	10.579	1416	1423	1432	rBV	135819	237914	0.64%	0.186%
40	10.658	1432	1436	1439	rVV4	4602	8080	0.02%	0.006%
41	10.707	1440	1444	1448	rVB	7311	11570	0.03%	0.009%
42	10.762	1448	1453	1458	rVB7	2565	4598	0.01%	0.004%
43	10.847	1461	1467	1472	rVB4	4077	7675	0.02%	0.006%
44	10.927	1473	1480	1491	rBV	262800	445702	1.20%	0.348%
45	11.073	1499	1504	1512	rVB5	19376	37108	0.10%	0.029%
46	11.177	1517	1521	1525	rVB3	11459	17038	0.05%	0.013%
47	11.244	1525	1532	1543	rBV2	46051	107148	0.29%	0.084%
48	11.335	1543	1547	1552	rVB4	8789	14679	0.04%	0.011%
49	11.414	1554	1560	1570	rVB5	14770	46166	0.12%	0.036%
50	11.512	1572	1576	1580	rBV2	12861	19252	0.05%	0.015%
51	11.628	1586	1595	1604	rBV	1057907	1814620	4.89%	1.416%
52	11.731	1605	1612	1620	rBV	525636	835886	2.25%	0.652%
53	11.841	1621	1630	1639	rBV	418261	770243	2.08%	0.601%
54	11.994	1647	1655	1663	rBV2	44362	103526	0.28%	0.081%
55	12.164	1672	1683	1691	rBV	539795	966188	2.60%	0.754%
56	12.256	1694	1698	1702	rVB	25491	37814	0.10%	0.030%
57	12.298	1702	1705	1707	rBV3	10396	13854	0.04%	0.011%
58	12.341	1707	1712	1715	rBV5	30398	56162	0.15%	0.044%
59	12.463	1728	1732	1736	rBV2	23910	38202	0.10%	0.030%
60	12.615	1752	1757	1760	rBV	34807	50824	0.14%	0.040%
61	12.652	1760	1763	1764	rBV	16859	16608	0.04%	0.013%
62	12.695	1764	1770	1775	rVB	333108	547383	1.47%	0.427%
63	12.798	1781	1787	1792	rVB2	52152	116671	0.31%	0.091%
64	12.865	1792	1798	1801	rBV	134008	246395	0.66%	0.192%
65	12.902	1801	1804	1806	rVV	176189	276878	0.75%	0.216%
66	12.938	1806	1810	1816	rVV3	513675	974511	2.63%	0.760%
67	12.993	1816	1819	1823	rVB2	42372	58101	0.16%	0.045%
68	13.115	1830	1839	1844	rBV4	133553	340631	0.92%	0.266%
69	13.164	1844	1847	1854	rVB2	103947	160425	0.43%	0.125%
70	13.249	1855	1861	1866	rBV	1090110	1778746	4.79%	1.388%
71	13.304	1866	1870	1874	rVB	457609	652658	1.76%	0.509%

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72	13.353	1874	1878	1887	rVB4	149800	255782	0.69%	0.200%
73	13.451	1887	1894	1897	rBV3	203397	403878	1.09%	0.315%
74	13.560	1907	1912	1920	rBV2	1164955	2486680	6.70%	1.941%
75	13.627	1920	1923	1930	rVB	282466	402170	1.08%	0.314%
76	13.755	1939	1944	1948	rBV2	845561	1431881	3.86%	1.117%
77	13.871	1956	1963	1968	rVB2	994641	2325550	6.27%	1.815%
78	13.938	1968	1974	1980	rBV	2957967	4763185	12.83%	3.717%
79	14.018	1983	1987	1988	rBV	151180	205071	0.55%	0.160%
80	14.097	1996	2000	2004	rVB	391492	571925	1.54%	0.446%
81	14.139	2004	2007	2013	rVB3	129659	210970	0.57%	0.165%
82	14.207	2013	2018	2021	rBV2	427768	765041	2.06%	0.597%
83	14.347	2035	2041	2044	rBV3	273867	560830	1.51%	0.438%
84	14.389	2044	2048	2051	rBV3	425469	665154	1.79%	0.519%
85	14.463	2057	2060	2064	rVB	592392	715244	1.93%	0.558%
86	14.505	2064	2067	2070	rVB2	359214	440849	1.19%	0.344%
87	14.554	2070	2075	2081	rVB5	576402	1137262	3.06%	0.887%
88	14.645	2086	2090	2094	rVB2	377371	521172	1.40%	0.407%
89	14.694	2094	2098	2100	rBV2	408209	663881	1.79%	0.518%
90	14.731	2101	2104	2109	rVB2	933432	1369824	3.69%	1.069%
91	14.798	2109	2115	2121	rBV2	1818860	4043206	10.89%	3.155%
92	14.963	2137	2142	2148	rVB	1219952	2122183	5.72%	1.656%
93	15.066	2156	2159	2163	rBV3	439594	623856	1.68%	0.487%
94	15.188	2173	2179	2186	rVB3	807558	1813607	4.89%	1.415%
95	15.371	2198	2209	2219	rVB	19536925	37114999	100.00%	28.964%
96	15.475	2220	2226	2230	rBV	884944	1665695	4.49%	1.300%
97	15.664	2250	2257	2264	rBV6	469710	1467346	3.95%	1.145%
98	16.176	2334	2341	2347	rBV4	658922	1701045	4.58%	1.327%
99	16.450	2378	2386	2401	rVB	10813106	24556022	66.16%	19.163%
100	16.651	2411	2419	2431	rVB	6535050	14621917	39.40%	11.411%

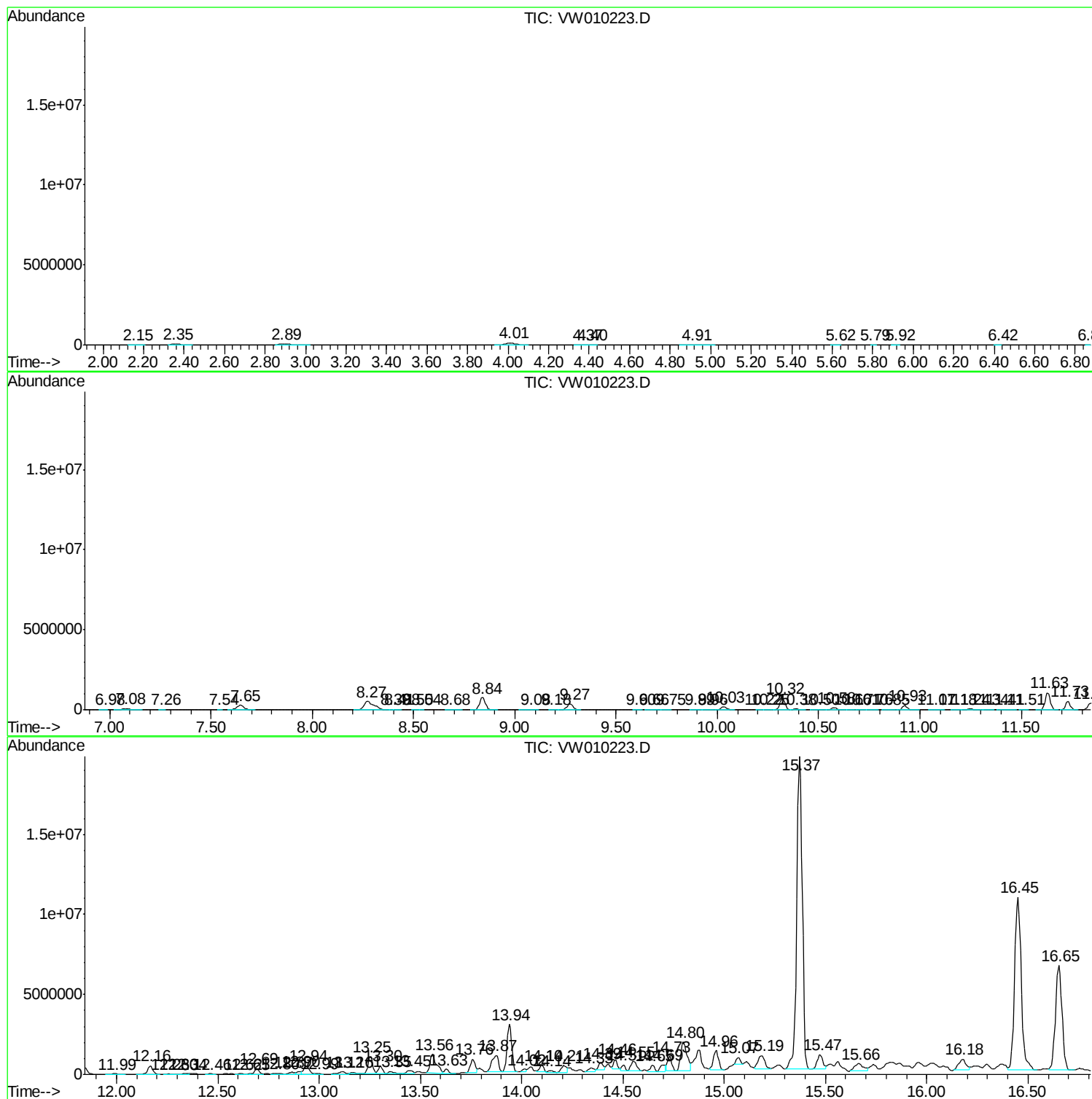
Sum of corrected areas: 128143150

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ClientSampleId :
GAJ88

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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



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ALS Vial : 1 Sample Multiplier: 1

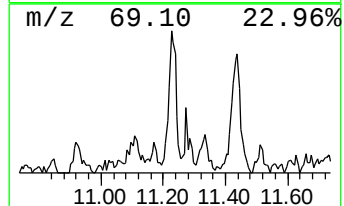
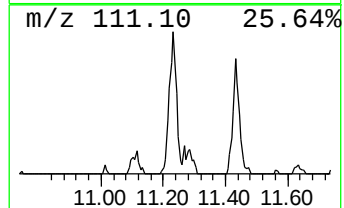
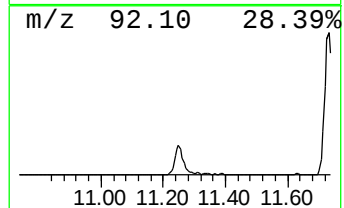
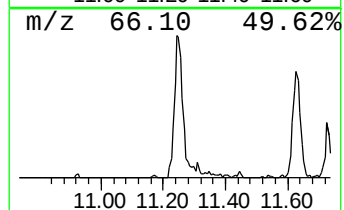
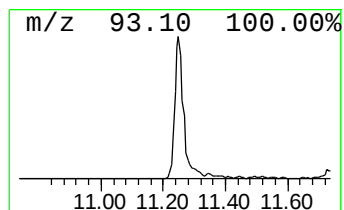
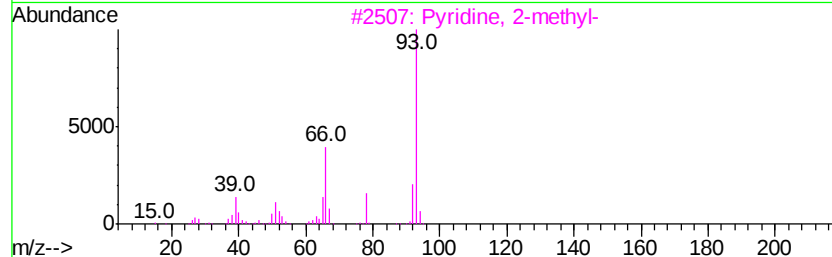
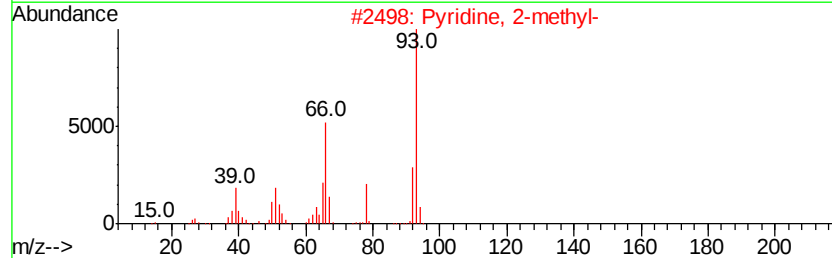
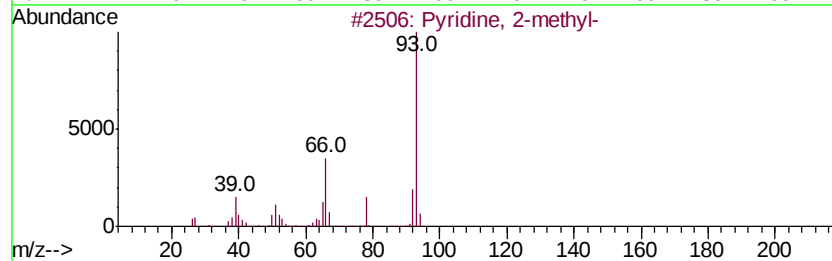
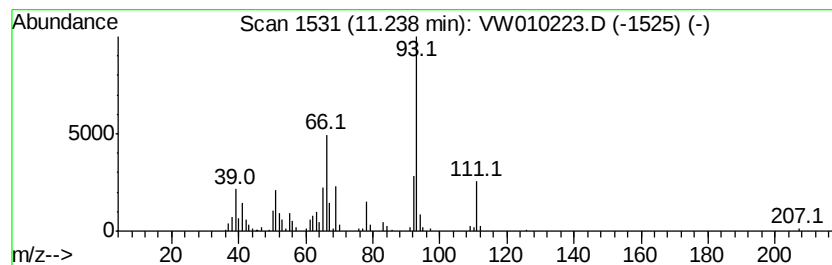
Instrument :
MSVOA_W
ClientSampled :
GAJ88

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

Peak Number 2 Pyridine, 2-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.24	1.48 ug/L	107148	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2-methyl-		93	C6H7N	000109-06-8	97
2	Pyridine, 2-methyl-		93	C6H7N	000109-06-8	96
3	Pyridine, 2-methyl-		93	C6H7N	000109-06-8	94
4	Pyridine, 2-methyl-		93	C6H7N	000109-06-8	93
5	Pyridine, 4-methyl-		93	C6H7N	000108-89-4	91



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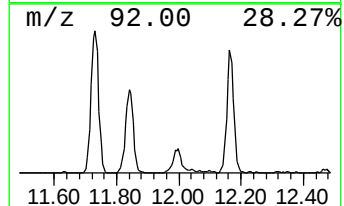
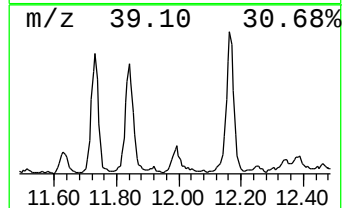
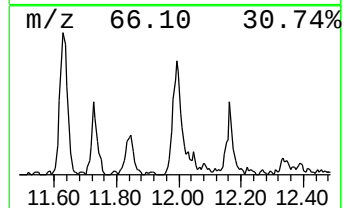
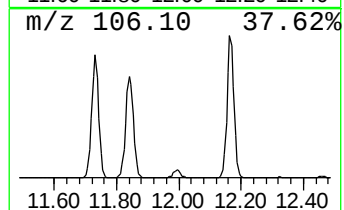
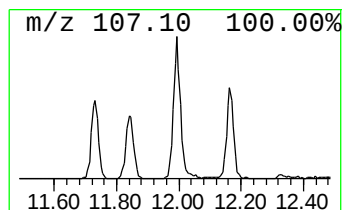
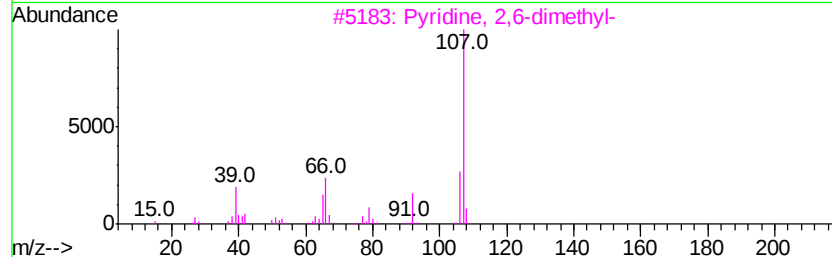
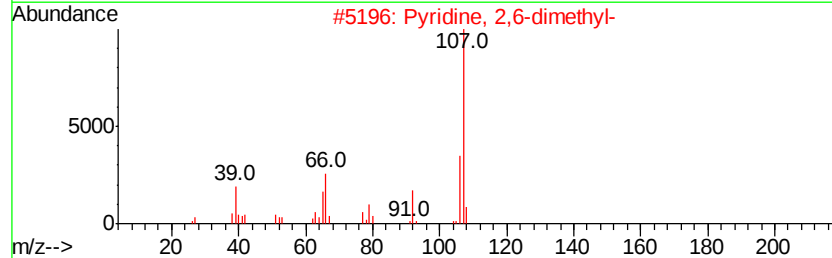
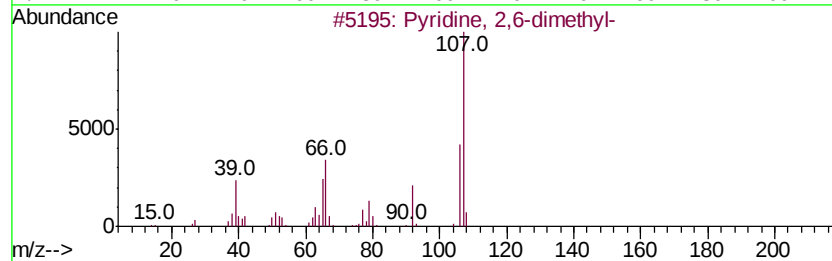
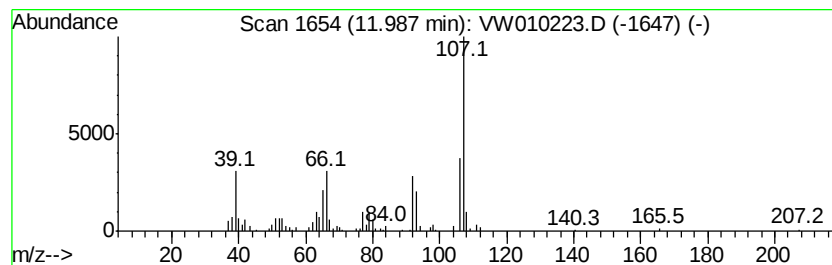
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Quant Title : VOC Analysis

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

Peak Number 3 Pyridine, 2,6-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.99	1.43 ug/L	103526	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyridine, 2,6-dimethyl-	107	C7H9N	000108-48-5	97
2		Pyridine, 2,6-dimethyl-	107	C7H9N	000108-48-5	96
3		Pyridine, 2,6-dimethyl-	107	C7H9N	000108-48-5	91
4		Pyridine, 2,6-dimethyl-	107	C7H9N	000108-48-5	90
5		Pyridinium, 1,2,6-trimethyl-, io...	249	C8H12IN	002525-19-1	78



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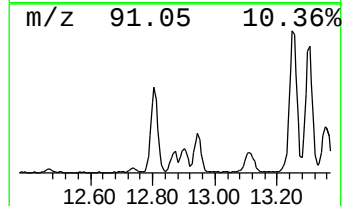
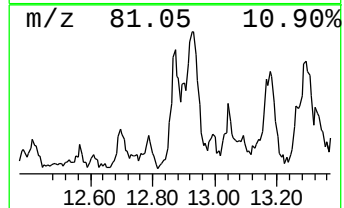
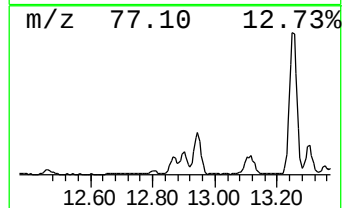
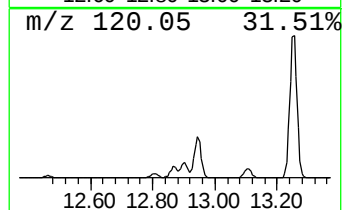
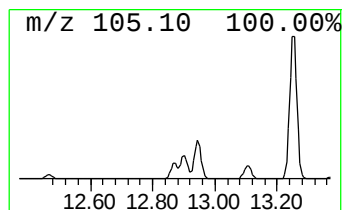
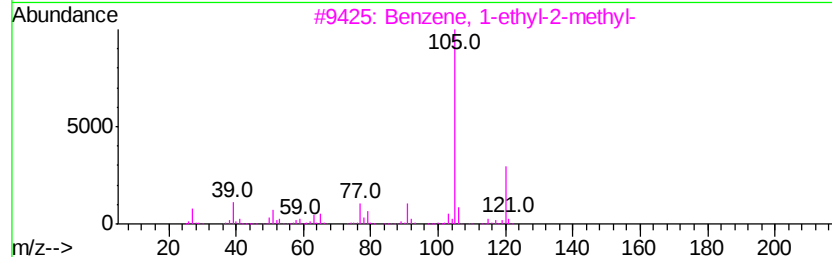
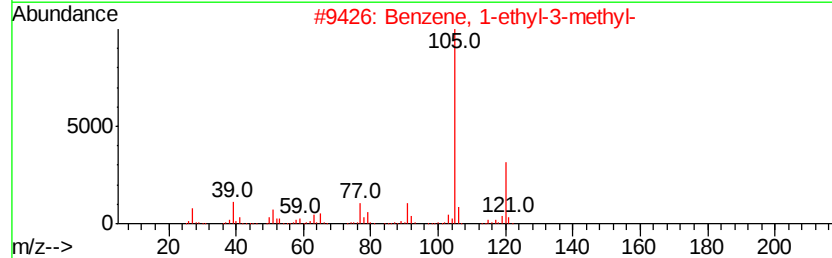
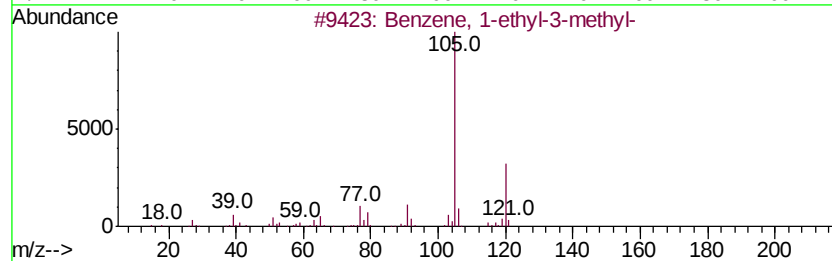
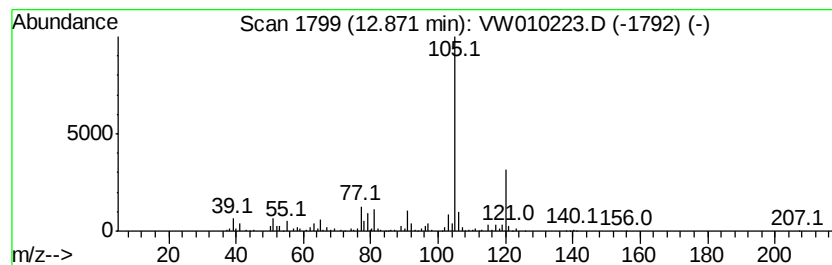
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Quant Title : VOC Analysis

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

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	2.48 ug/L	246395	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	76
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010223.D
Acq On : 30 Apr 2019 17:43
Operator : SY/VA
Sample : K2604-14
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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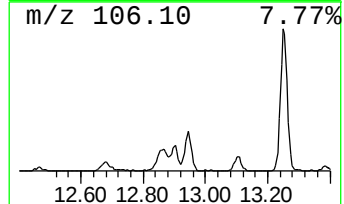
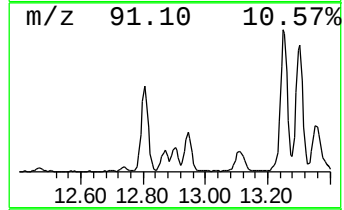
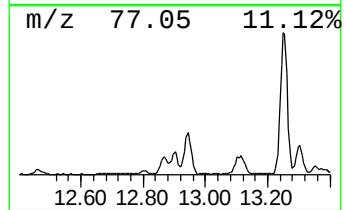
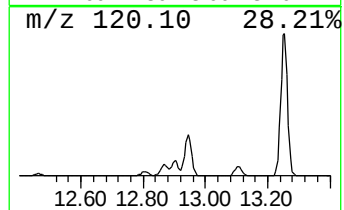
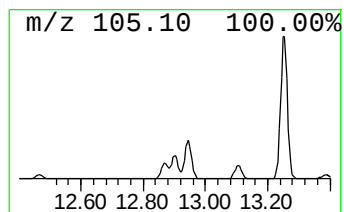
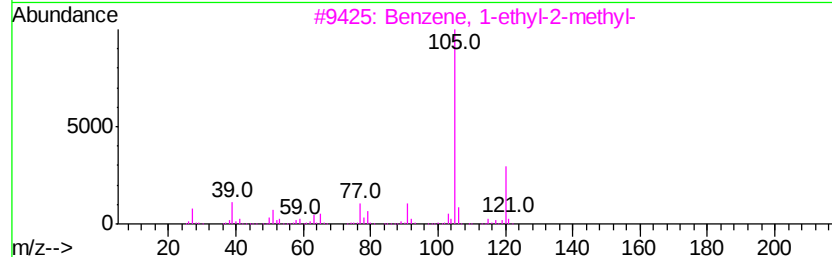
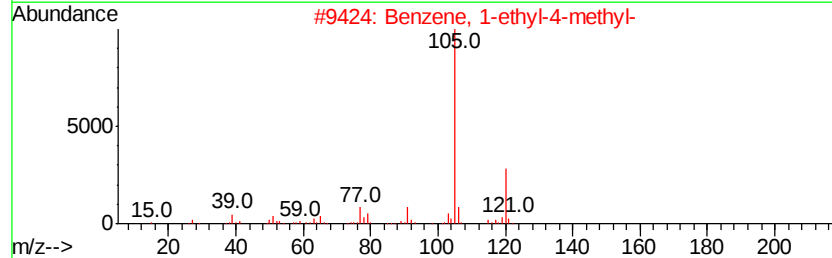
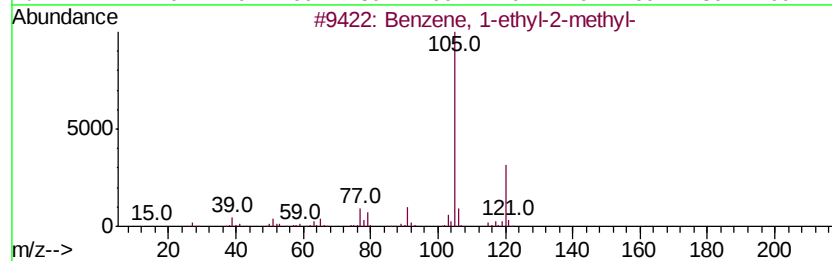
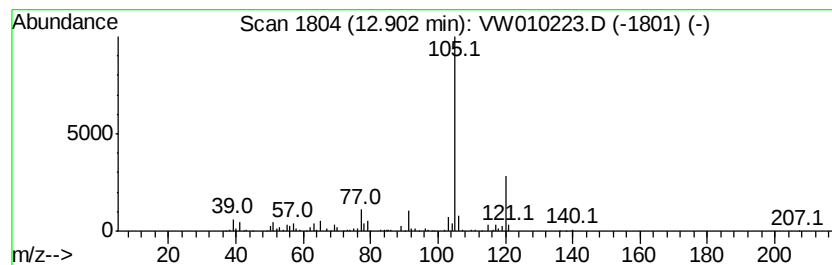
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Quant Title : VOC Analysis

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

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	2.78 ug/L	276878	1,4-Dichlorobenzene-d4	13.56

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-4-methyl-	120	C9H12	000622-96-8	91
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010223.D
Acq On : 30 Apr 2019 17:43
Operator : SY/VA
Sample : K2604-14
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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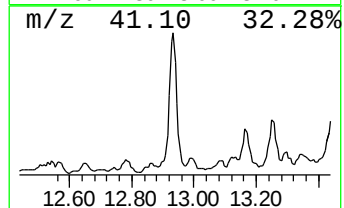
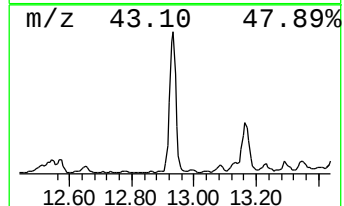
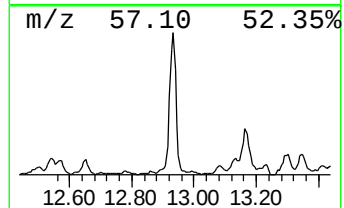
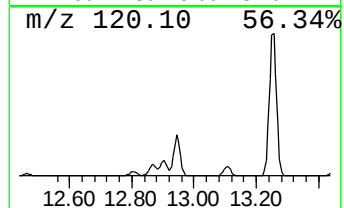
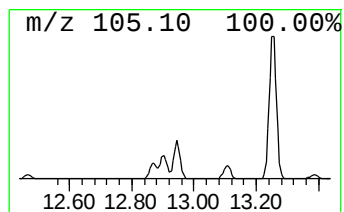
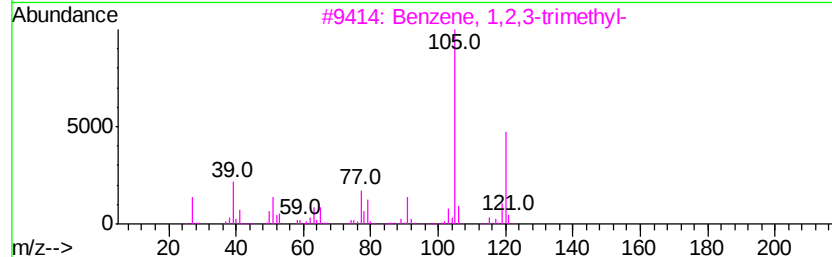
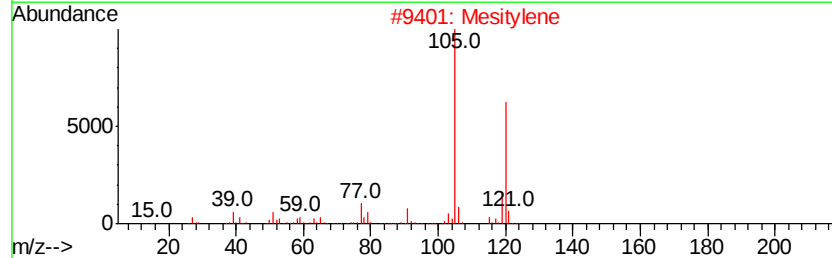
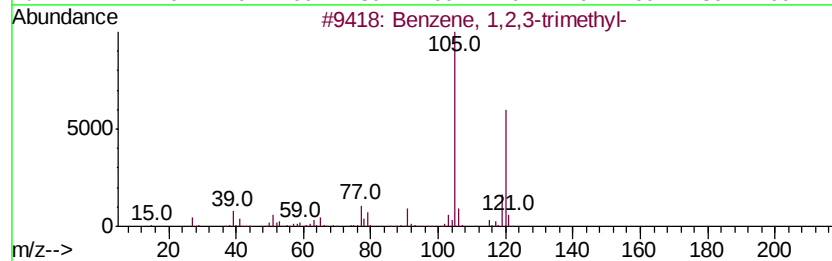
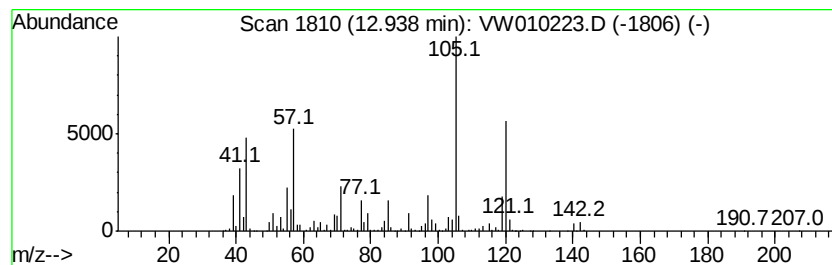
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Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	9.80 ug/L	974511	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
2		Mesitylene	120	C9H12	000108-67-8	90
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	60
4		Mesitylene	120	C9H12	000108-67-8	60
5		Mesitylene	120	C9H12	000108-67-8	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010223.D
Acq On : 30 Apr 2019 17:43
Operator : SY/VA
Sample : K2604-14
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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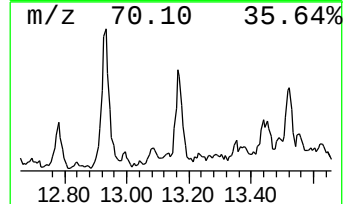
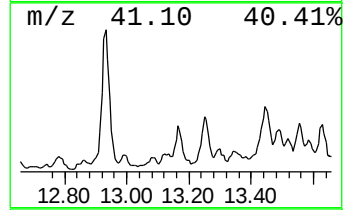
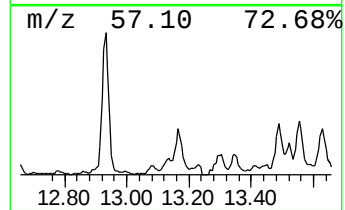
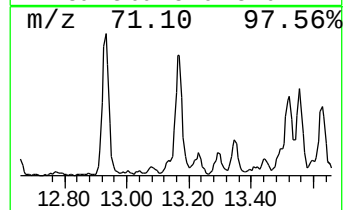
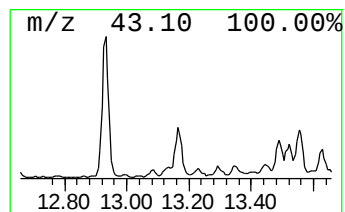
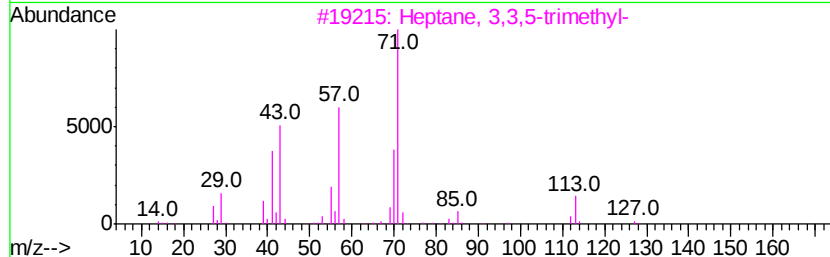
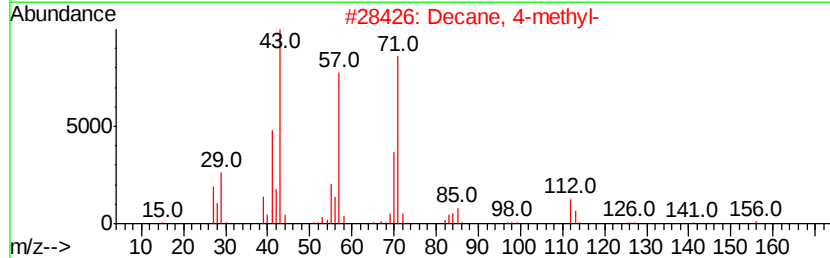
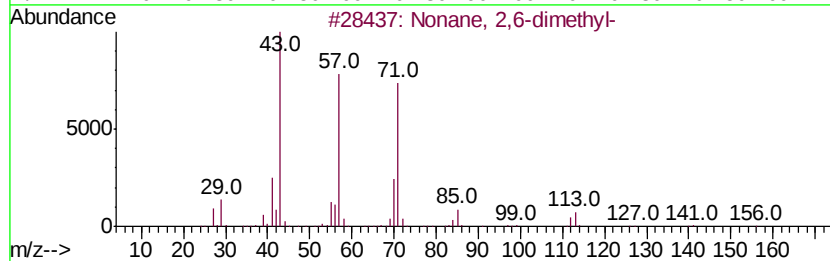
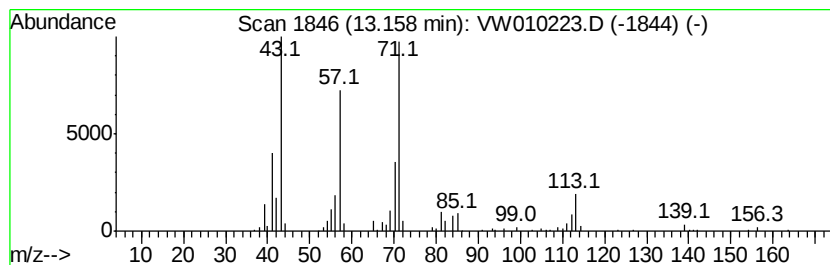
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	1.61 ug/L	160425	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	87
2			Decane, 4-methyl-	156	C11H24	002847-72-5	83
3			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
4			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
5			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010223.D
Acq On : 30 Apr 2019 17:43
Operator : SY/VA
Sample : K2604-14
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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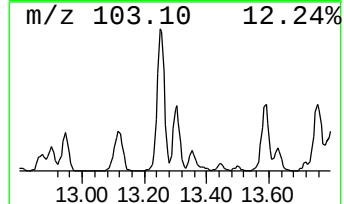
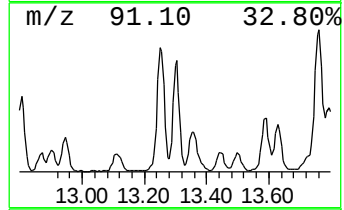
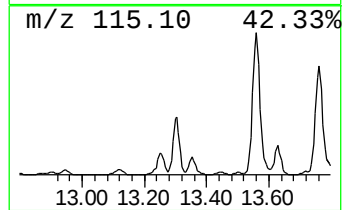
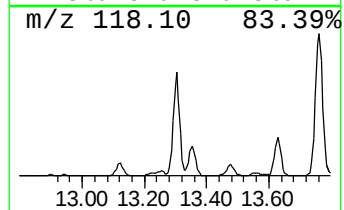
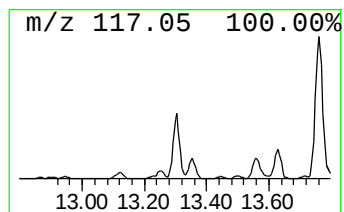
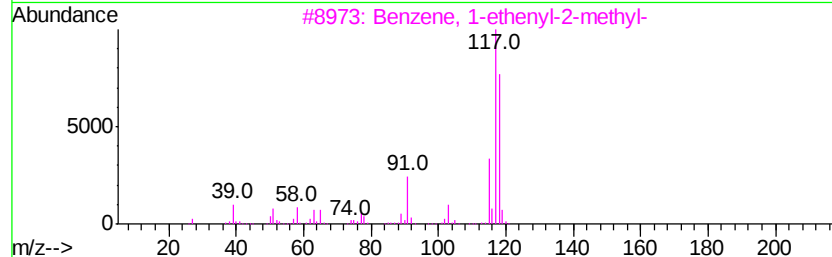
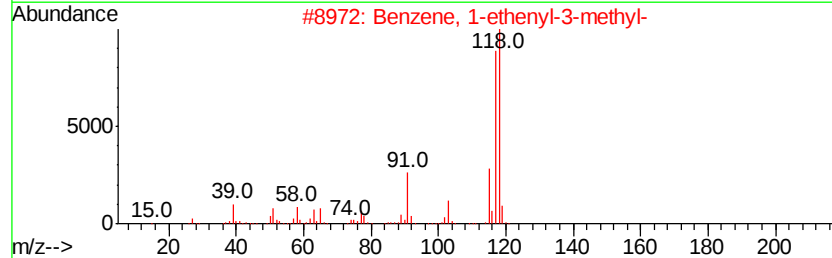
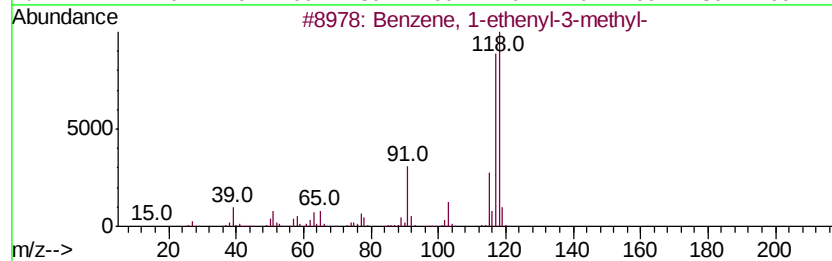
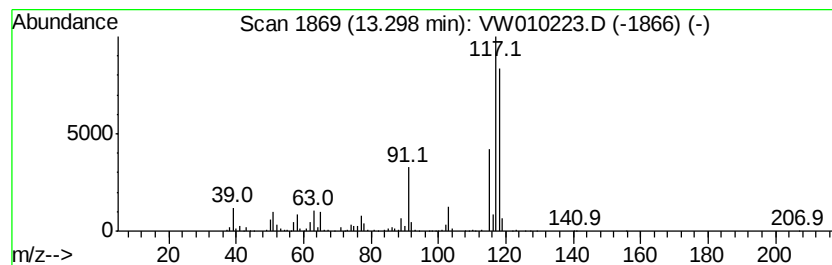
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Quant Title : VOC Analysis

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

Peak Number 10 Benzene, 1-ethenyl-3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	6.56 ug/L	652658	1,4-Dichlorobenzene-d4	13.56

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	94
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
5		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010223.D
Acq On : 30 Apr 2019 17:43
Operator : SY/VA
Sample : K2604-14
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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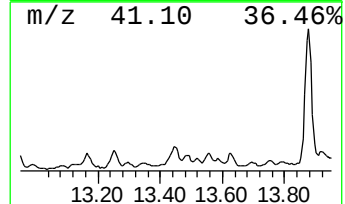
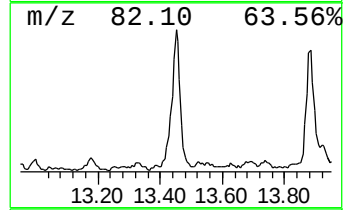
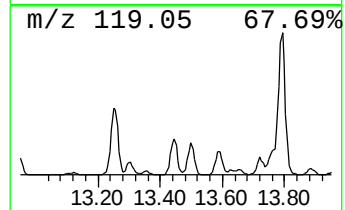
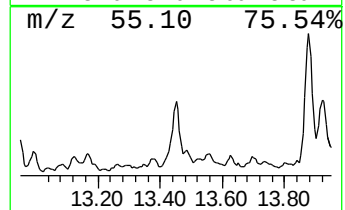
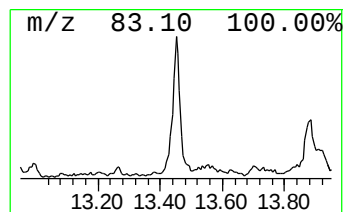
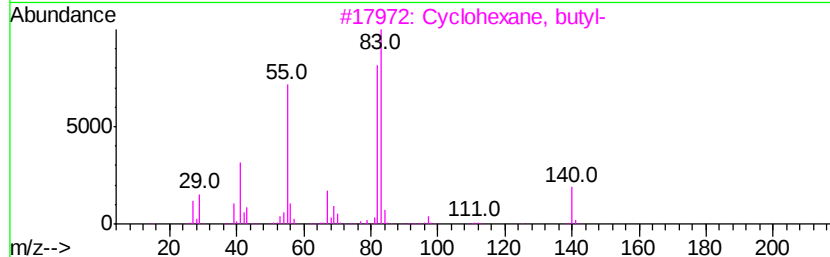
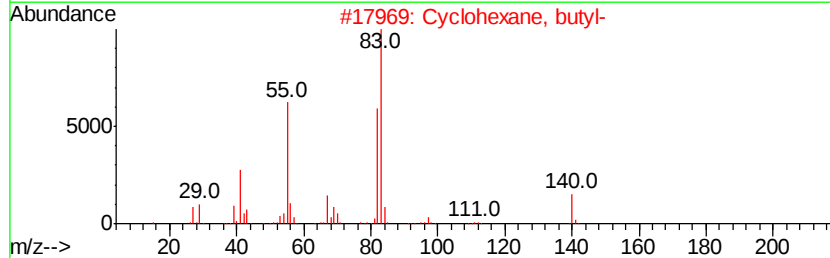
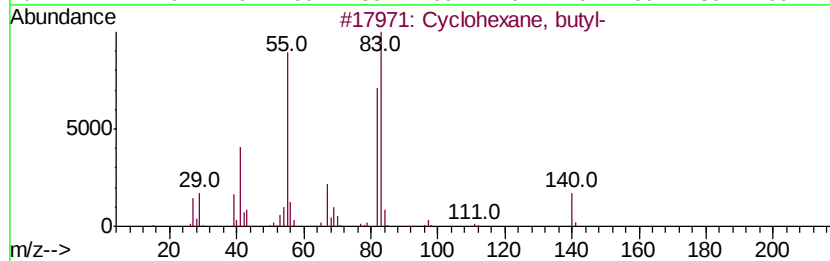
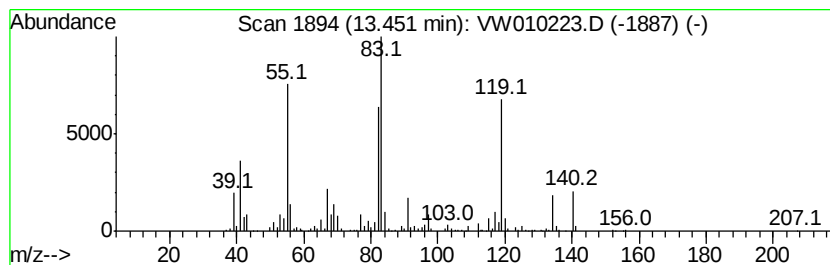
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Cyclic13.45 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	4.06 ug/L	403878	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	76
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	70
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	70
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
5			2,4,6-Trimethyl-3-heptene	140	C10H20	1000113-56-9	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010223.D
Acq On : 30 Apr 2019 17:43
Operator : SY/VA
Sample : K2604-14
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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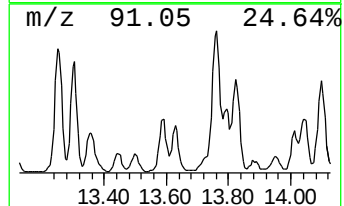
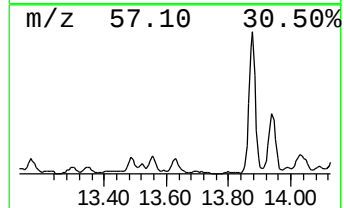
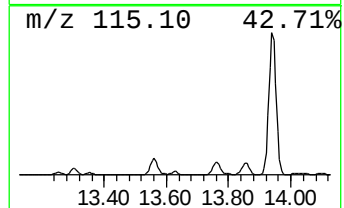
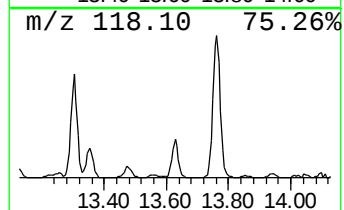
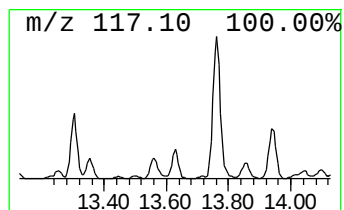
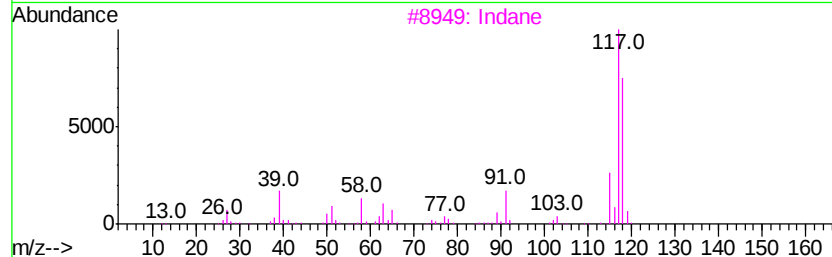
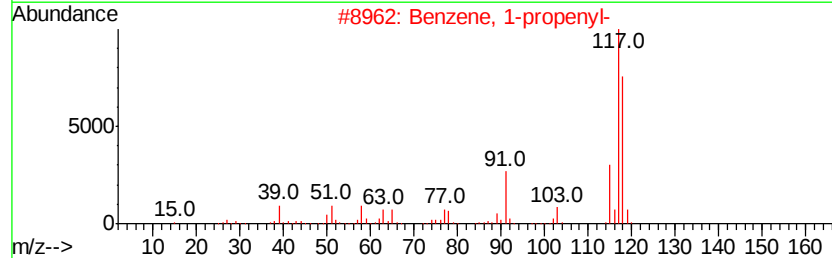
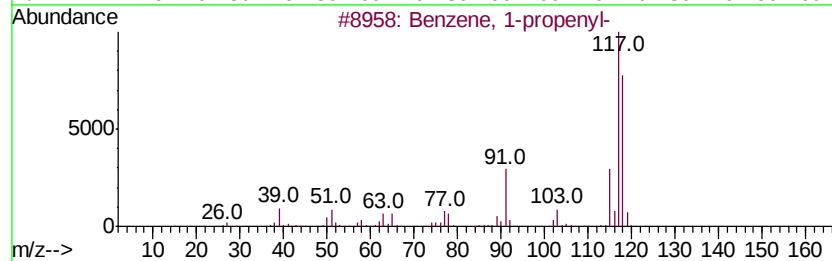
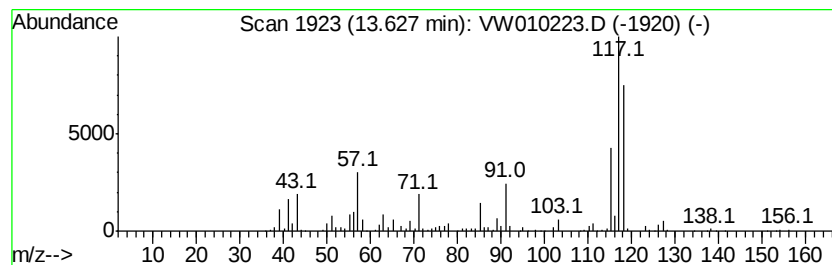
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Quant Title : VOC Analysis

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

Peak Number 13 Benzene, 1-propenyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	4.04 ug/L	402170	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	70
2		Benzene, 1-propenyl-	118	C9H10	000637-50-3	70
3		Indane	118	C9H10	000496-11-7	70
4		Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
5		Benzene, 2-propenyl-	118	C9H10	000300-57-2	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010223.D
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Operator : SY/VA
Sample : K2604-14
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

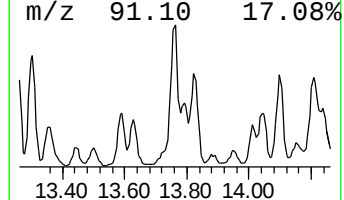
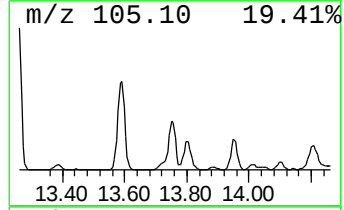
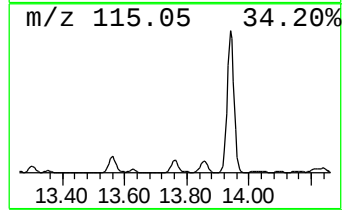
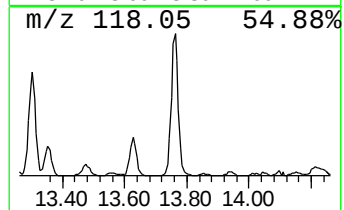
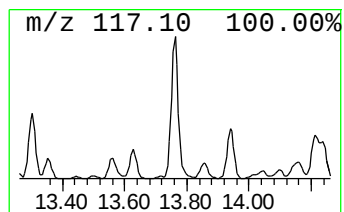
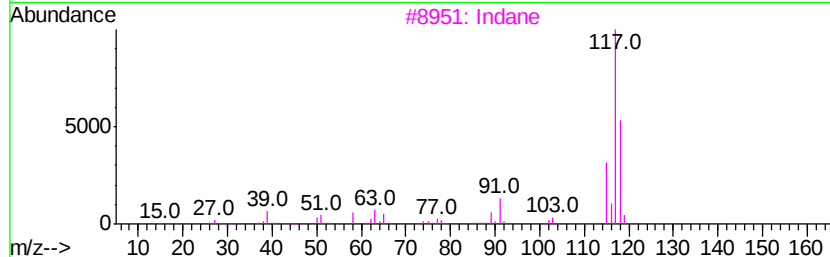
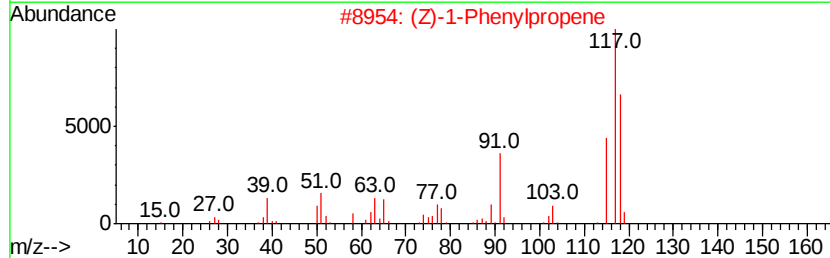
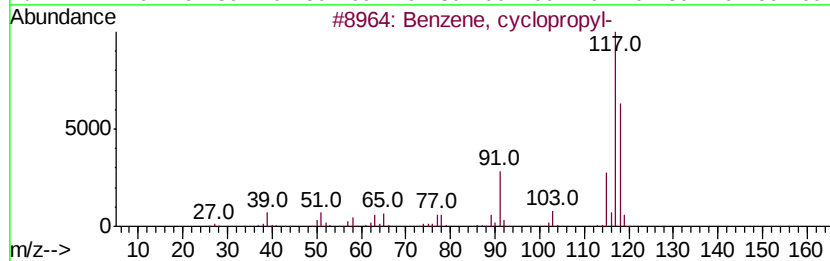
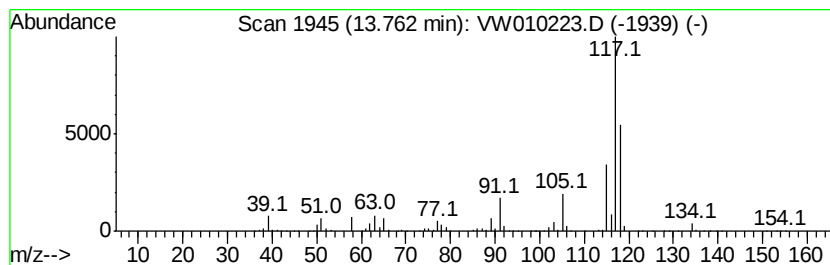
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ClientSampleId :
GAJ88

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Quant Title : VOC Analysis

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

Peak Number 14 Benzene, cyclopropyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	14.40 ug/L	1431880	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, cvclopropyl-	118 C9H10	000873-49-4 76
2		(Z)-1-Phenylpropene	118 C9H10	000766-90-5 70
3		Indane	118 C9H10	000496-11-7 70
4		Indane	118 C9H10	000496-11-7 70
5		Benzene, cyclopropyl-	118 C9H10	000873-49-4 62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010223.D
Acq On : 30 Apr 2019 17:43
Operator : SY/VA
Sample : K2604-14
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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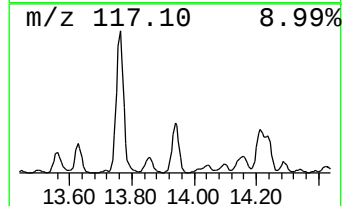
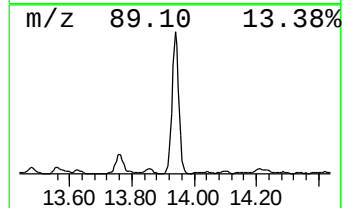
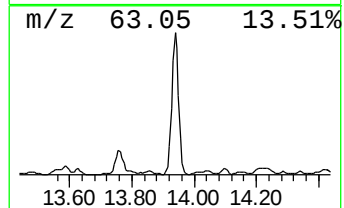
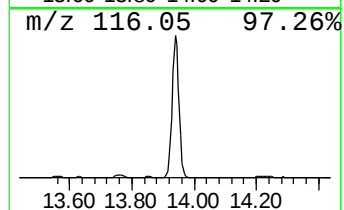
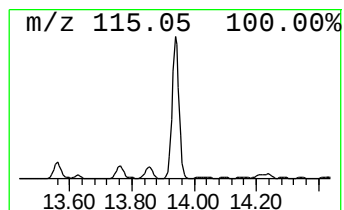
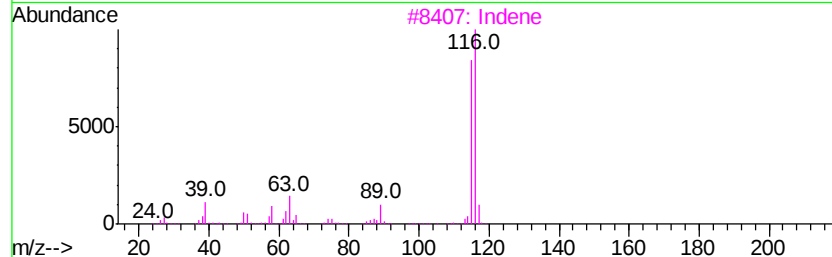
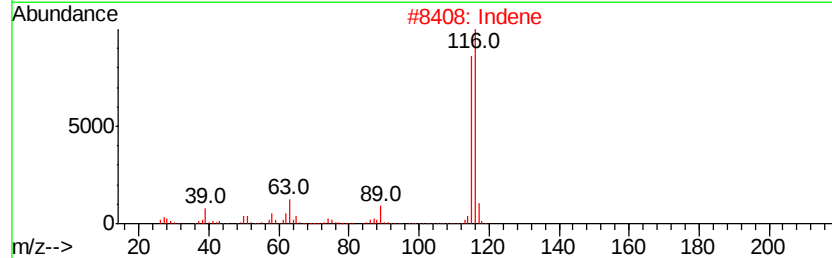
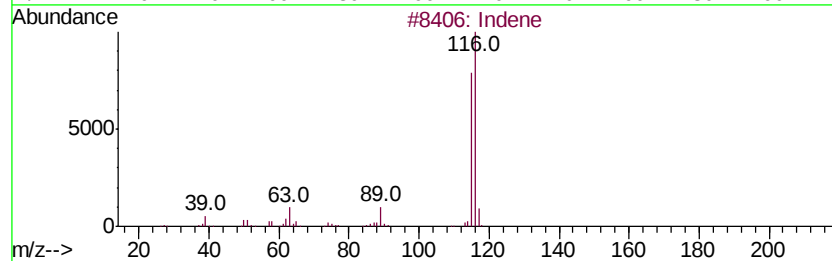
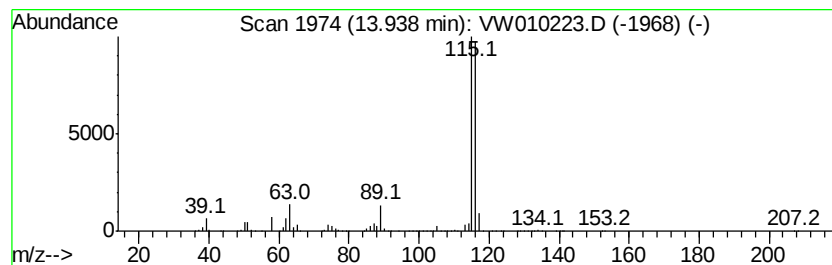
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Quant Title : VOC Analysis

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

Peak Number 15 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	47.89 ug/L	4763190	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	97
2		Indene	116	C9H8	000095-13-6	96
3		Indene	116	C9H8	000095-13-6	94
4		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010223.D
Acq On : 30 Apr 2019 17:43
Operator : SY/VA
Sample : K2604-14
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ88

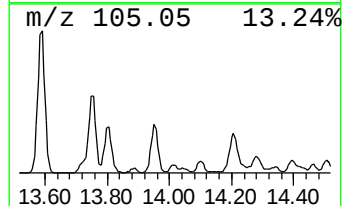
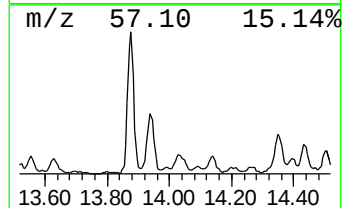
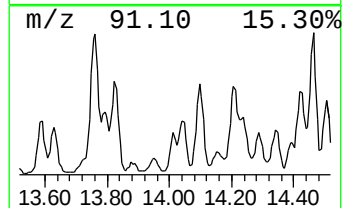
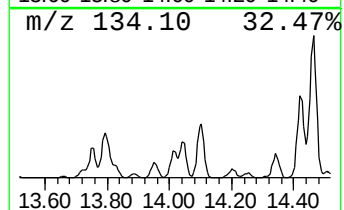
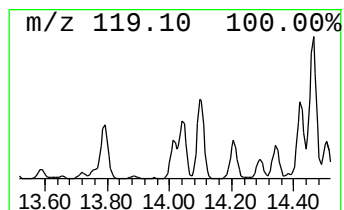
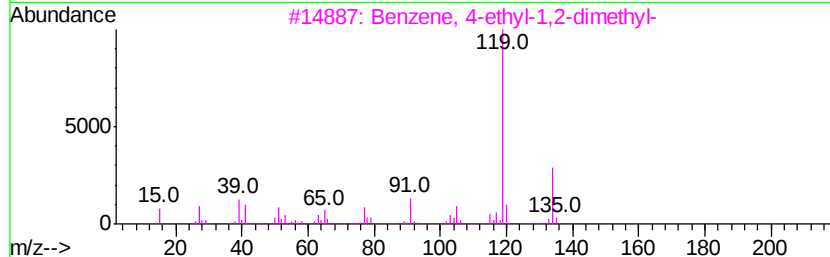
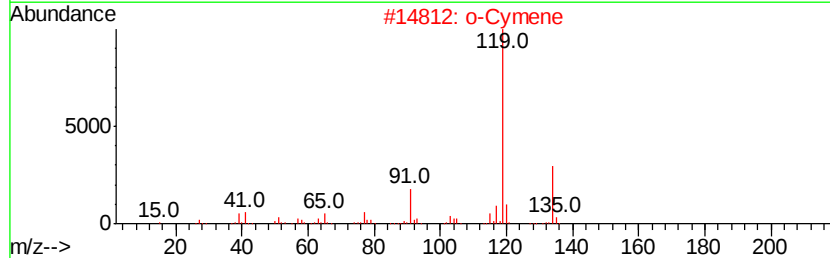
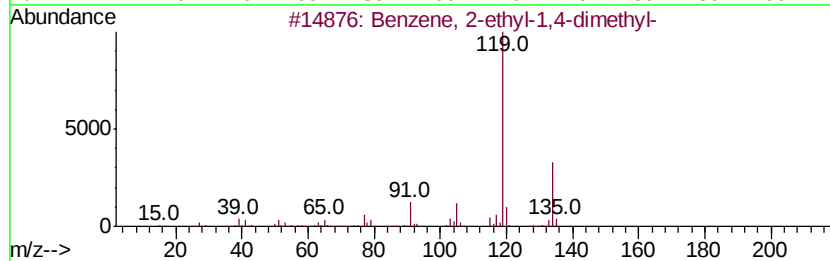
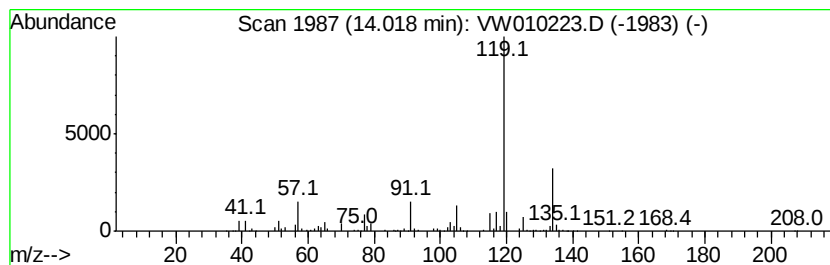
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Quant Title : VOC Analysis

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

Peak Number 16 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	2.06 ug/L	205071	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2		o-Cymene	134	C10H14	000527-84-4	94
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010223.D
Acq On : 30 Apr 2019 17:43
Operator : SY/VA
Sample : K2604-14
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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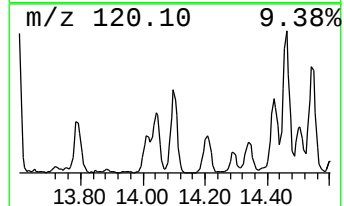
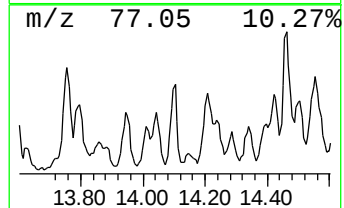
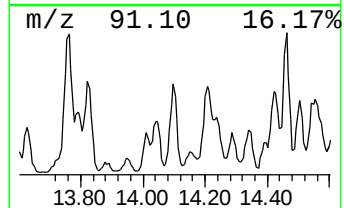
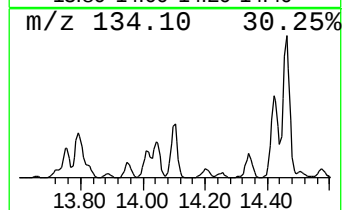
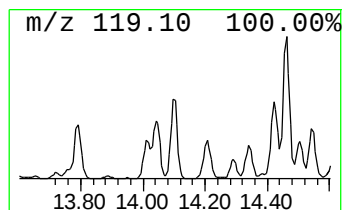
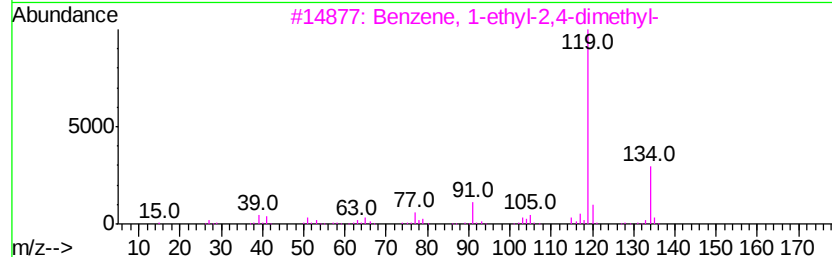
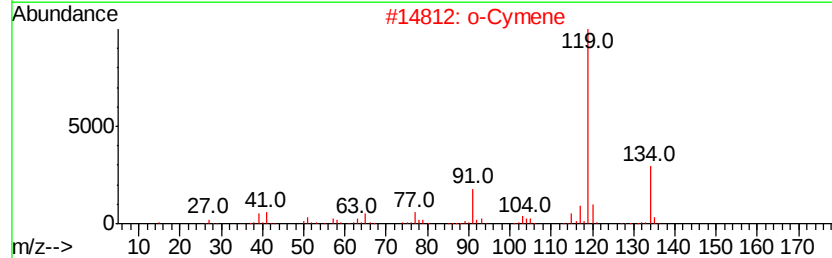
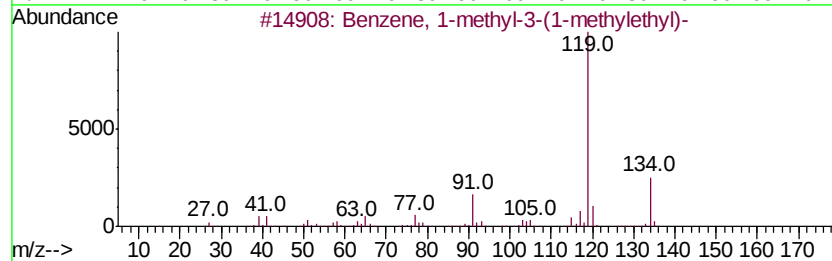
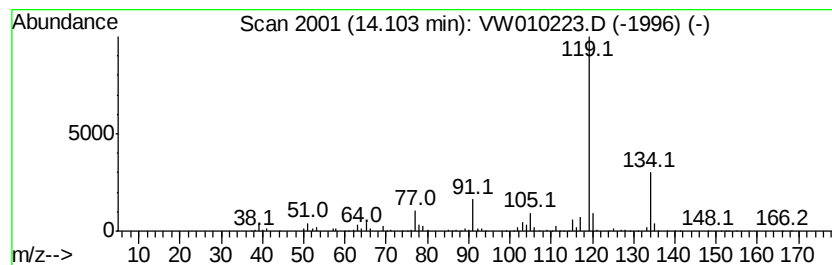
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Quant Title : VOC Analysis

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

Peak Number 17 Benzene, 1-methyl-3-(1-meth... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	5.75 ug/L	571925	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
2		o-Cymene	134	C10H14	000527-84-4	94
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4		o-Cymene	134	C10H14	000527-84-4	94
5		o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010223.D
Acq On : 30 Apr 2019 17:43
Operator : SY/VA
Sample : K2604-14
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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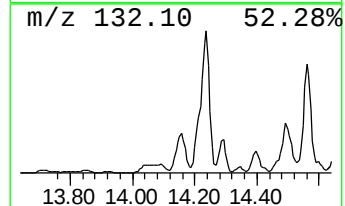
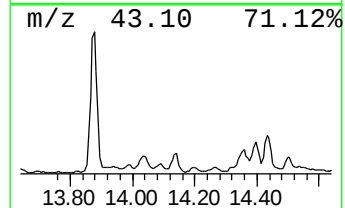
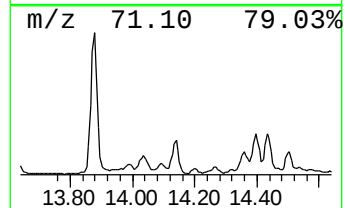
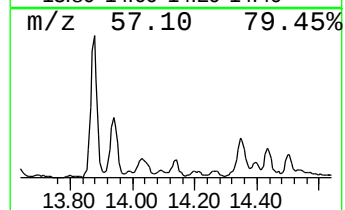
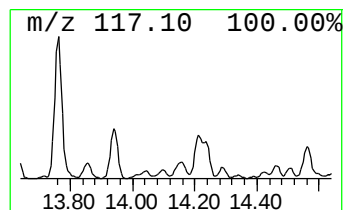
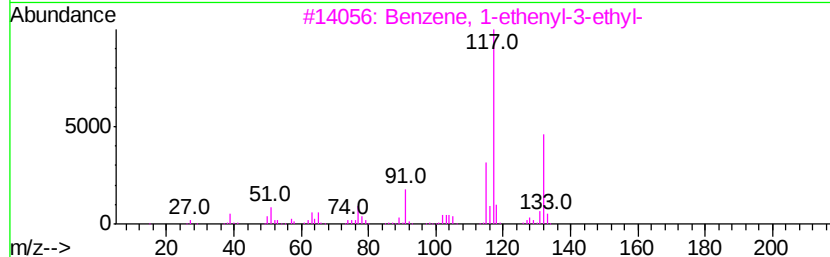
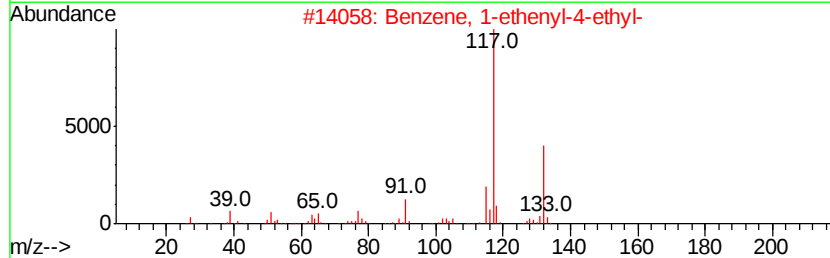
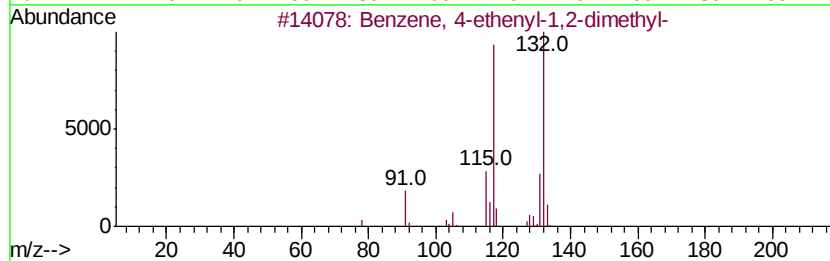
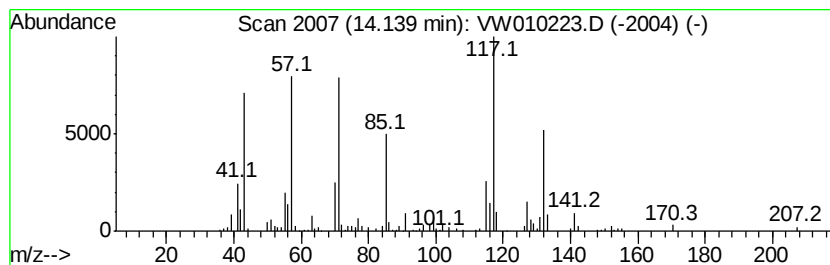
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Quant Title : VOC Analysis

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

Peak Number 18 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	2.12 ug/L	210970	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	70
2		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	50
3		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	46
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010223.D
Acq On : 30 Apr 2019 17:43
Operator : SY/VA
Sample : K2604-14
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleID :
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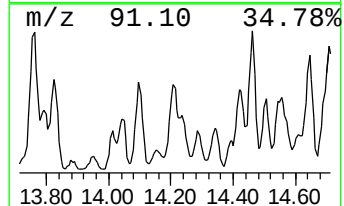
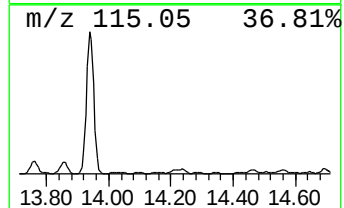
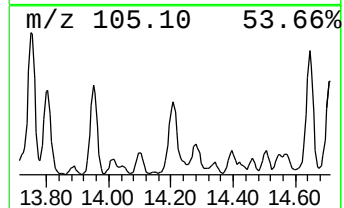
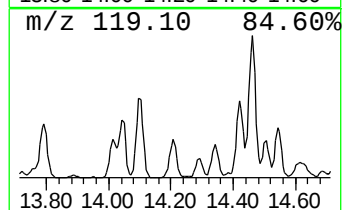
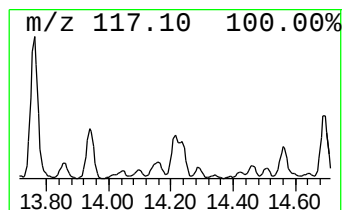
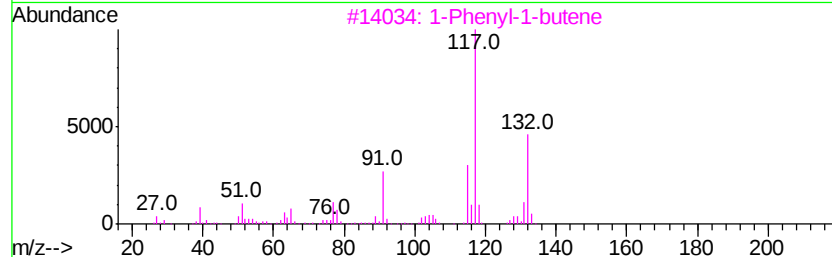
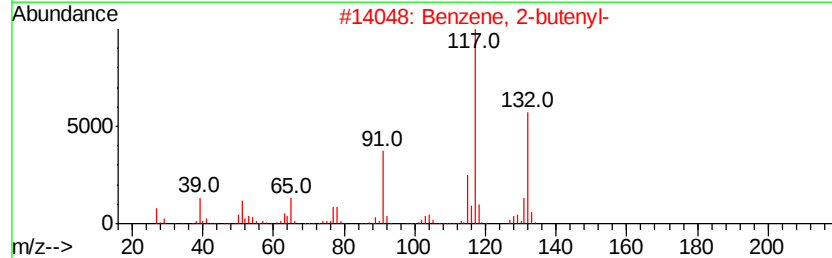
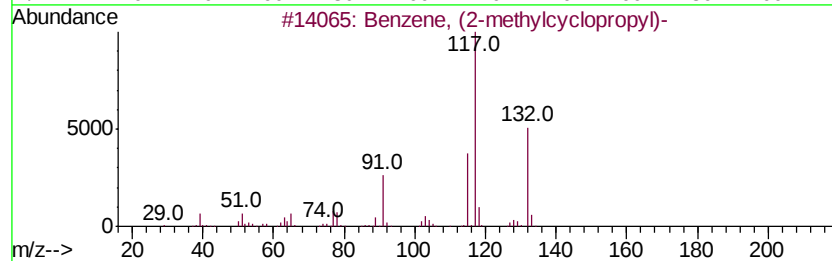
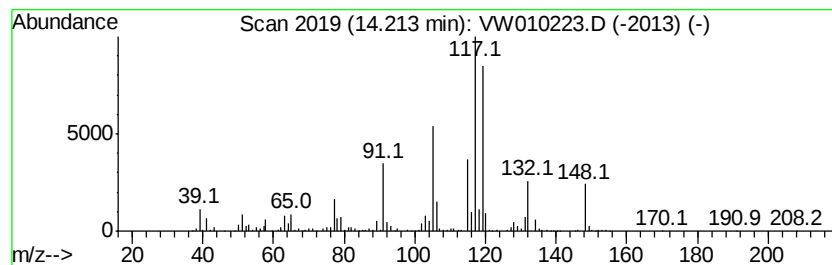
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Quant Title : VOC Analysis

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

Peak Number 19 Benzene, (2-methylcycloprop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	7.69 ug/L	765041	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	50
2		Benzene, 2-butenyl-	132	C10H12	001560-06-1	46
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	45
4		Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000768-00-3	45
5		(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010223.D
Acq On : 30 Apr 2019 17:43
Operator : SY/VA
Sample : K2604-14
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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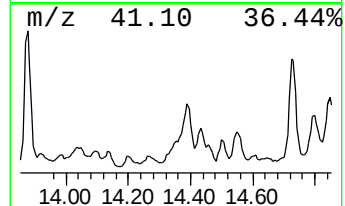
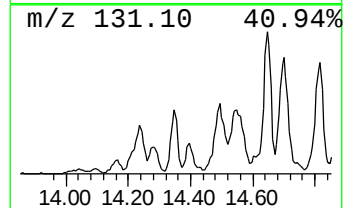
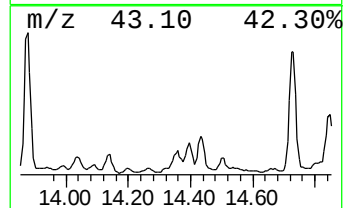
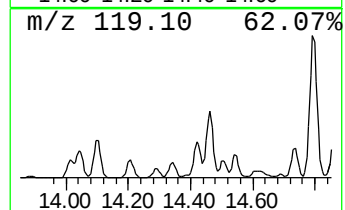
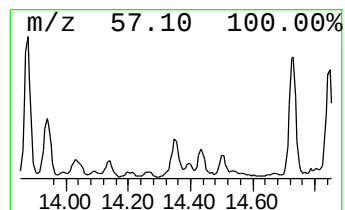
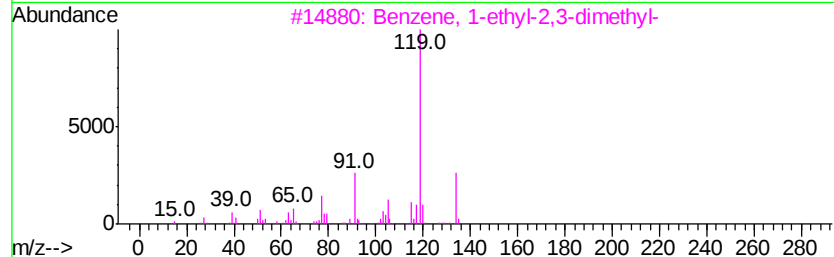
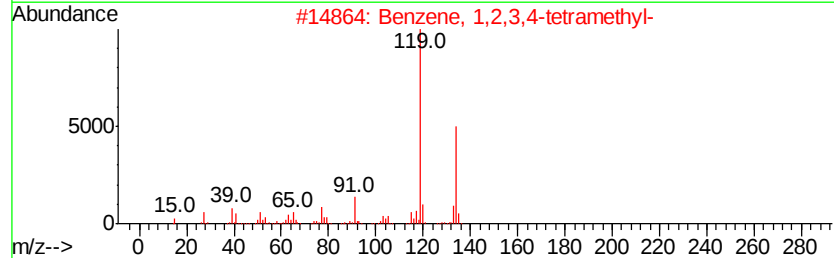
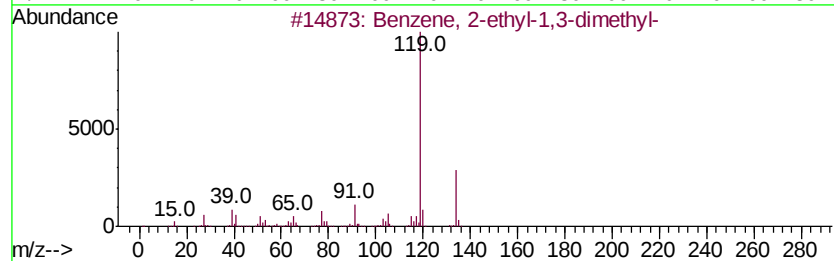
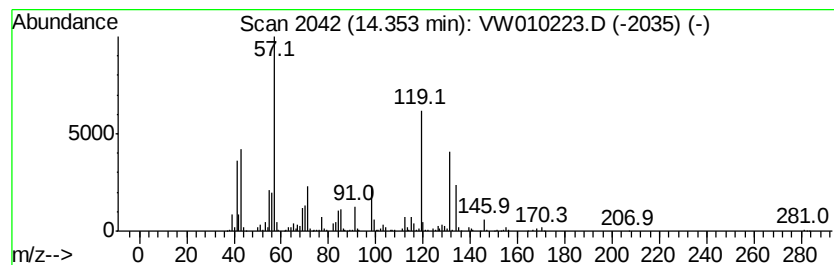
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Quant Title : VOC Analysis

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

Peak Number 20 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	5.64 ug/L	560830	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	50
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	50
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50
5		o-Cymene	134	C10H14	000527-84-4	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010223.D
Acq On : 30 Apr 2019 17:43
Operator : SY/VA
Sample : K2604-14
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAJ88

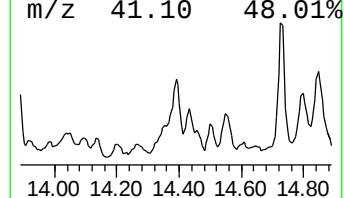
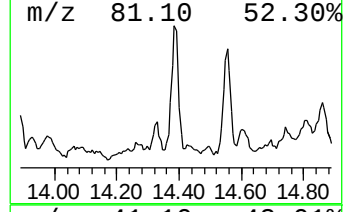
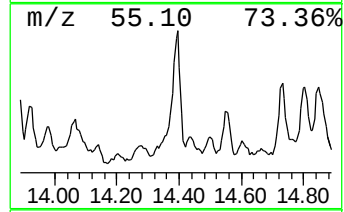
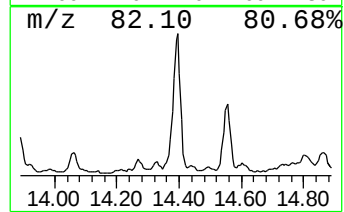
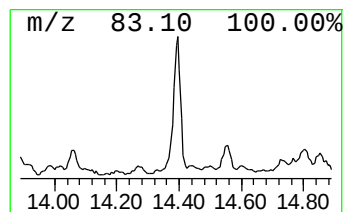
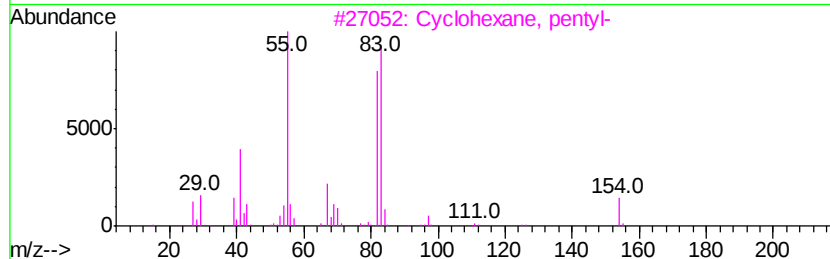
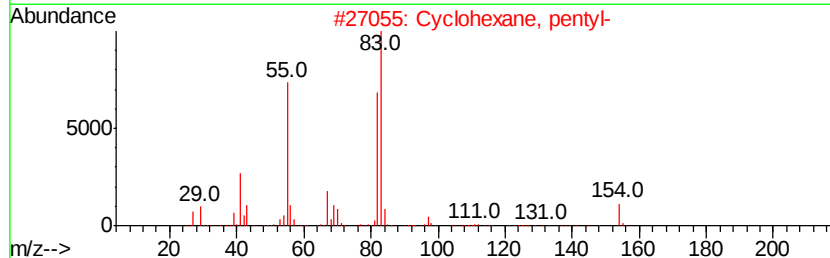
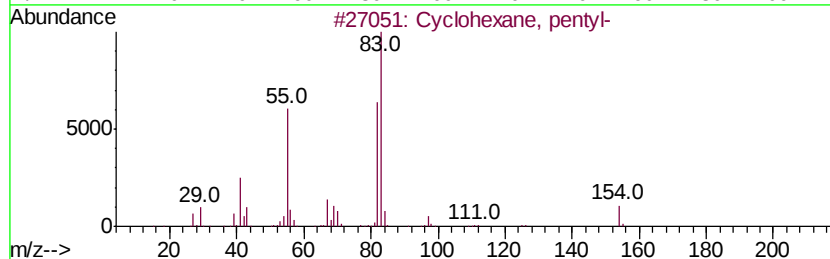
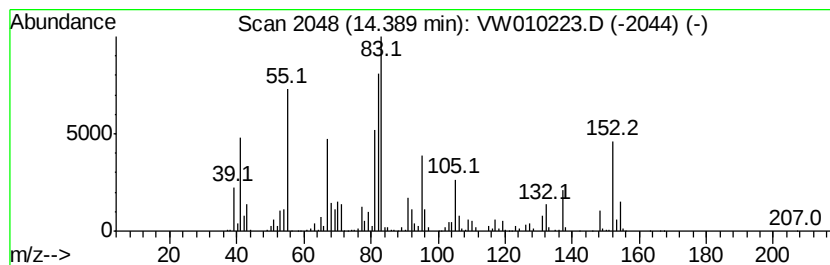
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Quant Title : VOC Analysis

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

Peak Number 21 (DEL) Alkane: Cyclic14.39 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	6.69 ug/L	665154	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	45
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
4			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	38
5			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010223.D
Acq On : 30 Apr 2019 17:43
Operator : SY/VA
Sample : K2604-14
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ88

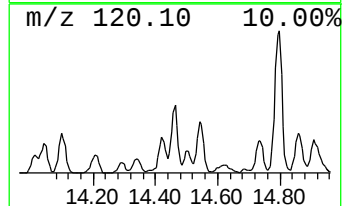
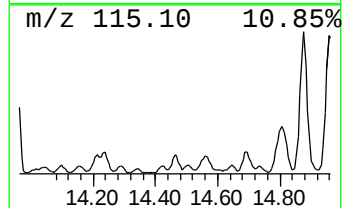
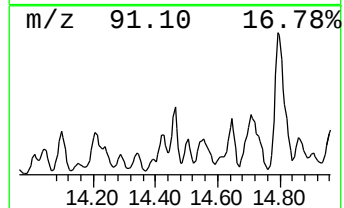
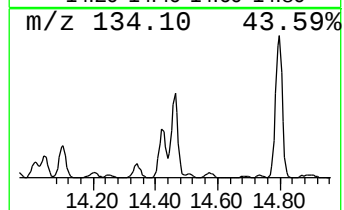
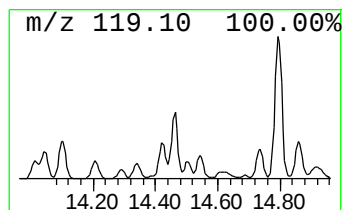
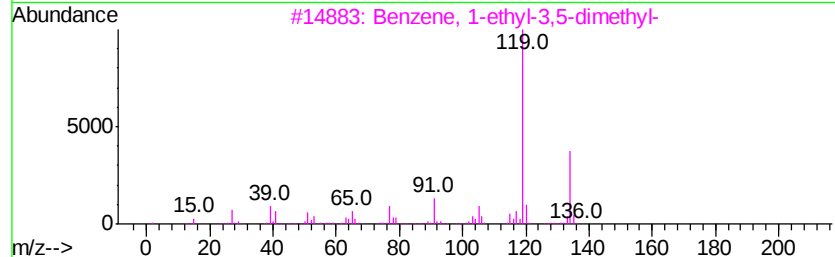
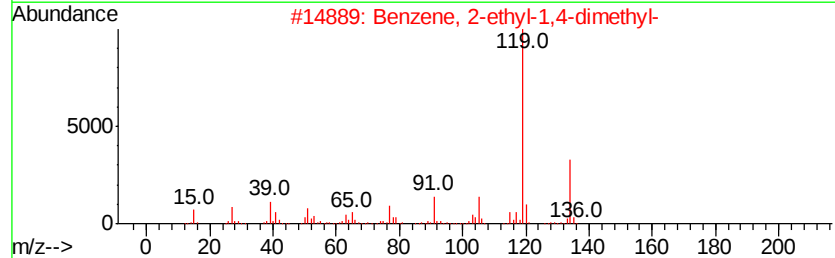
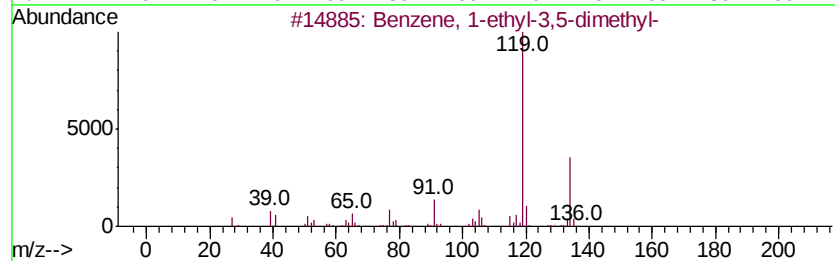
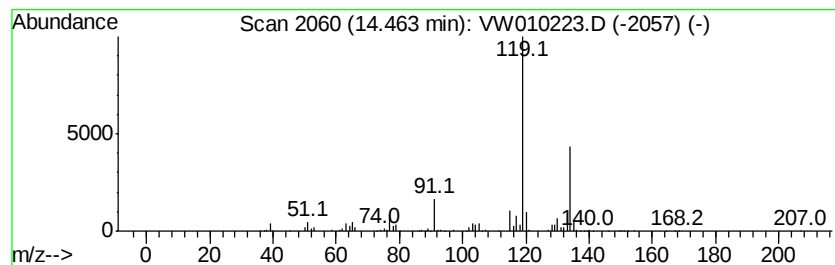
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Quant Title : VOC Analysis

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

Peak Number 22 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	7.19 ug/L	715244	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010223.D
Acq On : 30 Apr 2019 17:43
Operator : SY/VA
Sample : K2604-14
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

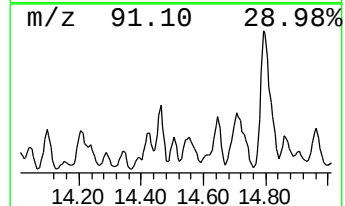
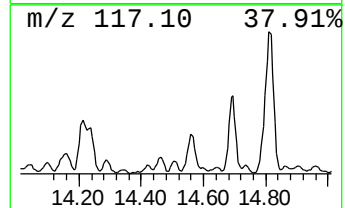
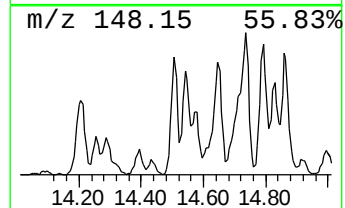
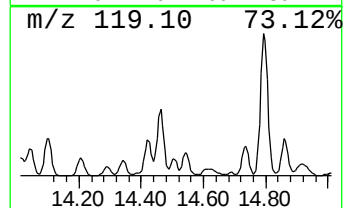
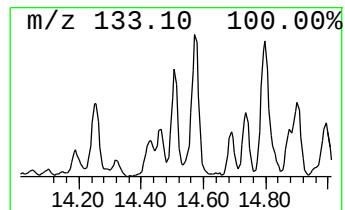
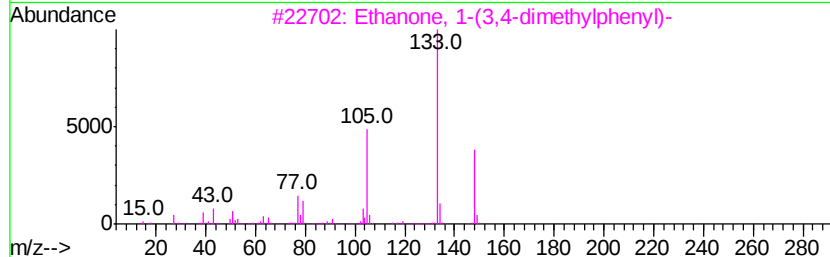
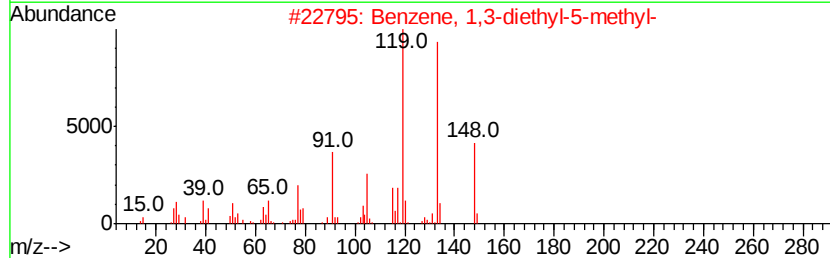
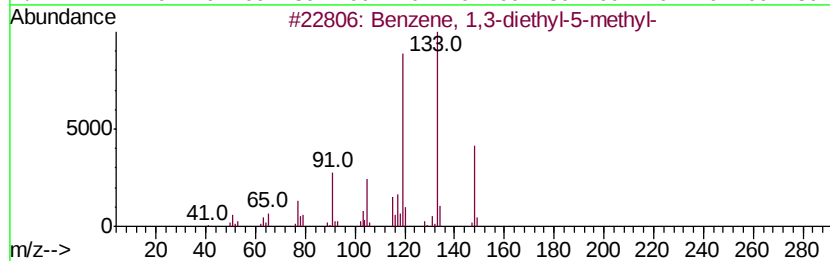
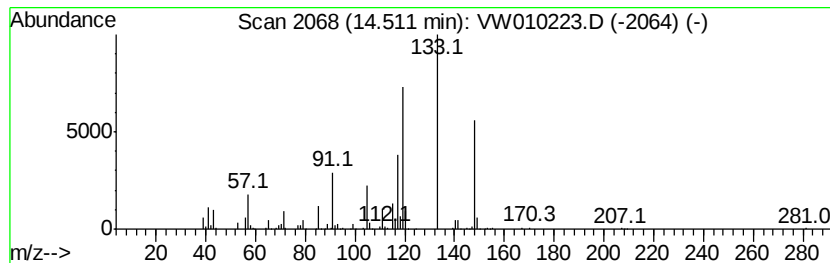
Instrument :
MSVOA_W
ClientSampleId :
GAJ88

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

Peak Number 23 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.51	4.43 ug/L	440849	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	83
2		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	83
3		Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	45
4		m-Ethylacetophenone	148	C10H12O	022699-70-3	43
5		Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010223.D
Acq On : 30 Apr 2019 17:43
Operator : SY/VA
Sample : K2604-14
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ88

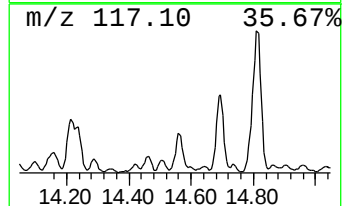
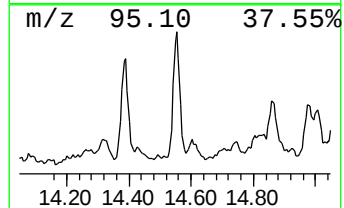
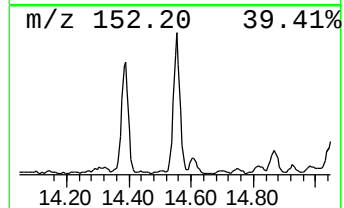
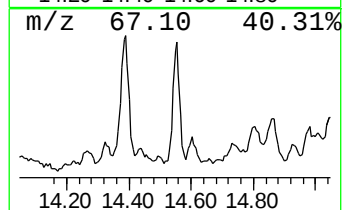
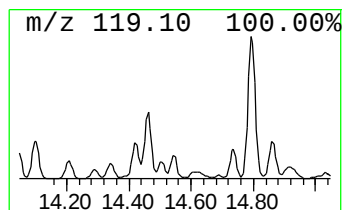
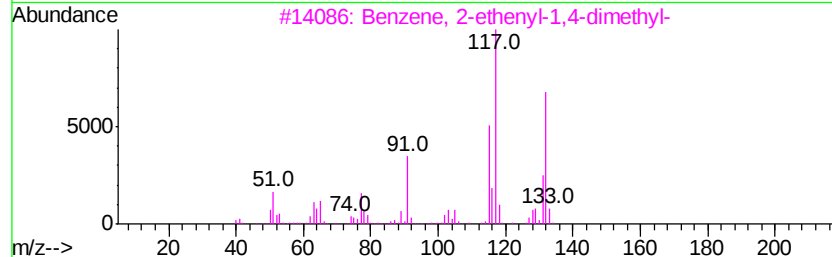
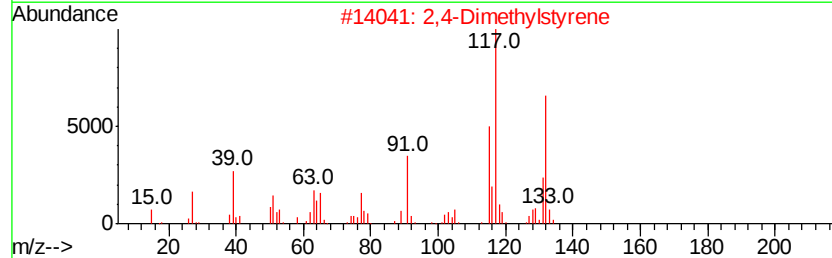
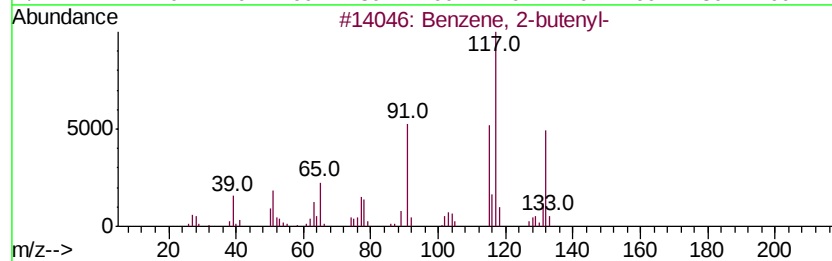
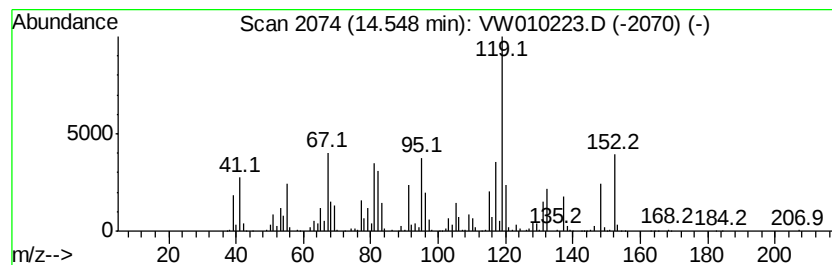
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Quant Title : VOC Analysis

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

Peak Number 24 Benzene, 2-butenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	11.43 ug/L	1137260	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	66
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	66
3		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	62
4		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	60
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010223.D
Acq On : 30 Apr 2019 17:43
Operator : SY/VA
Sample : K2604-14
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

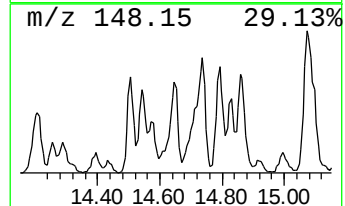
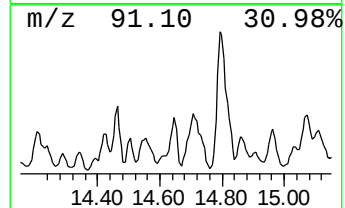
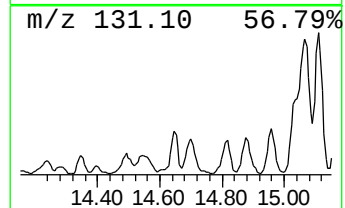
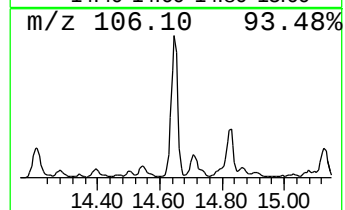
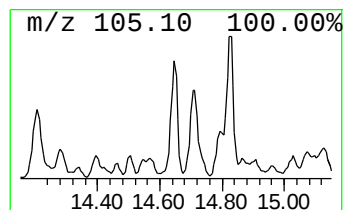
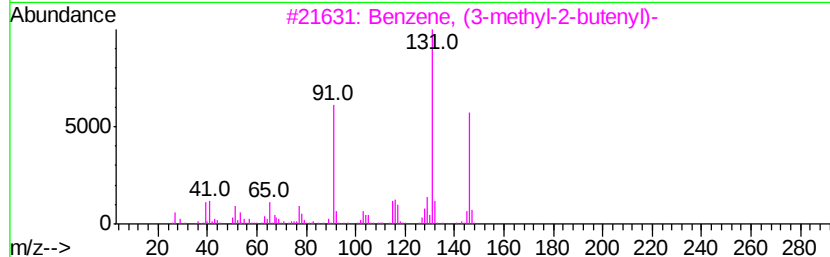
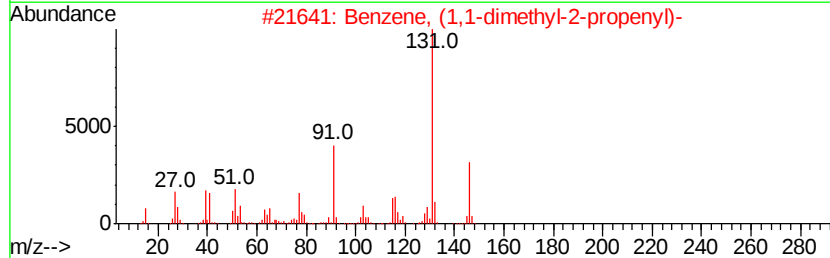
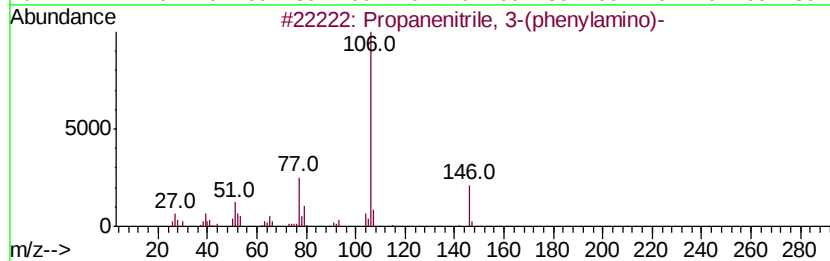
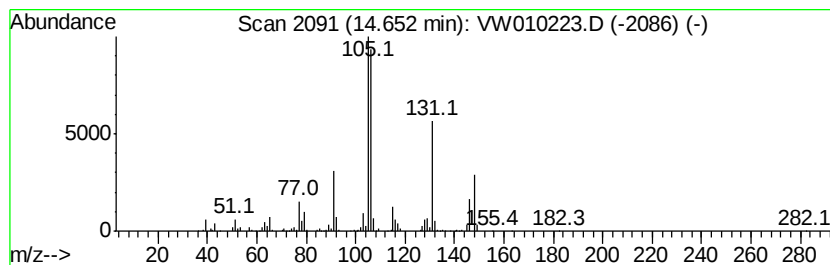
Instrument :
MSVOA_W
ClientSampleId :
GAJ88

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

Peak Number 25 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.65	5.24 ug/L	521172	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanenitrile, 3-(phenylamino)-	146	C9H10N2	001075-76-9	38
2	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	38
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	38
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	38
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010223.D
Acq On : 30 Apr 2019 17:43
Operator : SY/VA
Sample : K2604-14
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ88

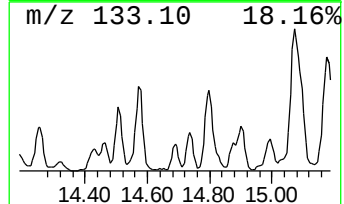
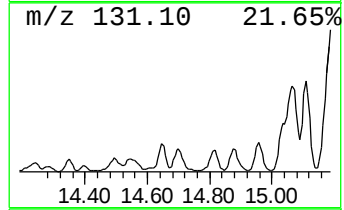
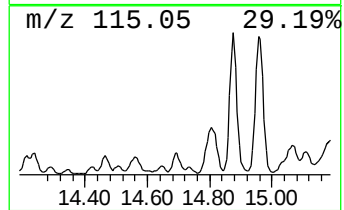
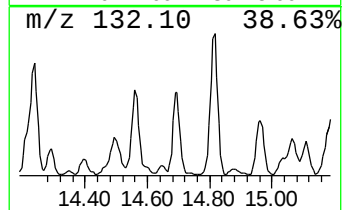
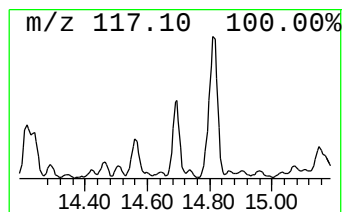
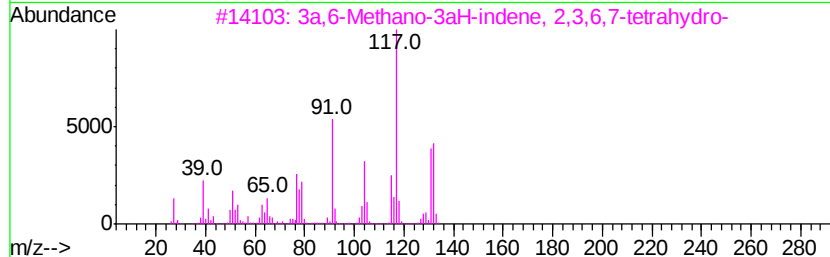
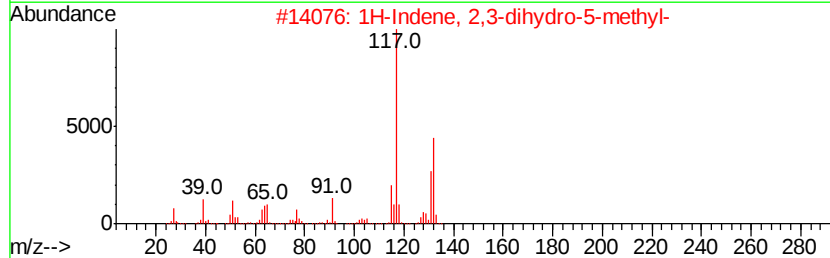
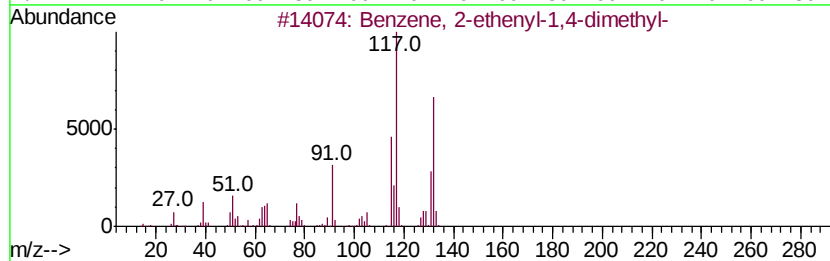
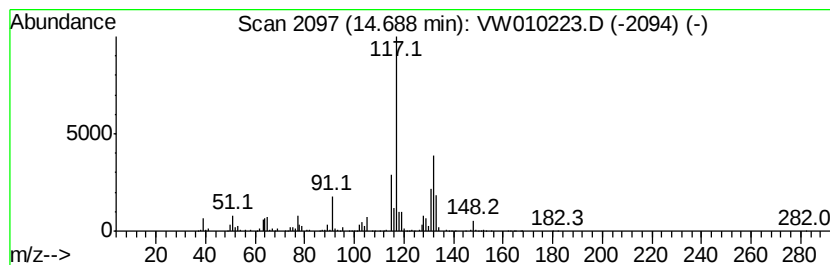
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Quant Title : VOC Analysis

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

Peak Number 26 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	6.67 ug/L	663881	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
3		3a,6-Methano-3aH-indene, 2,3,6,7...	132	C10H12	098640-29-0	83
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	83
5		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010223.D
Acq On : 30 Apr 2019 17:43
Operator : SY/VA
Sample : K2604-14
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ88

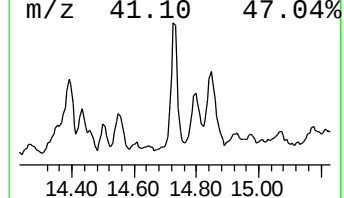
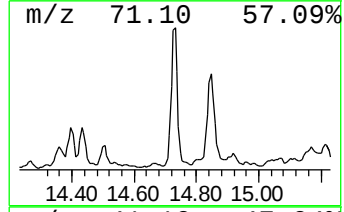
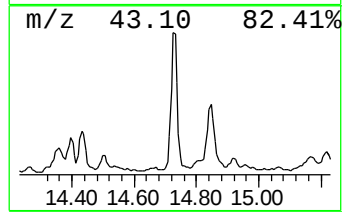
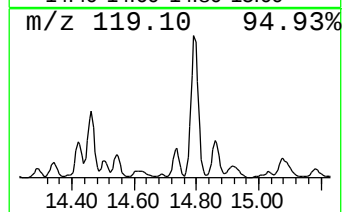
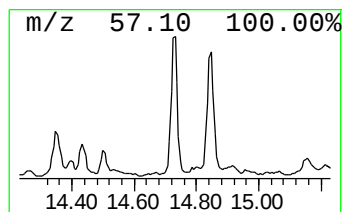
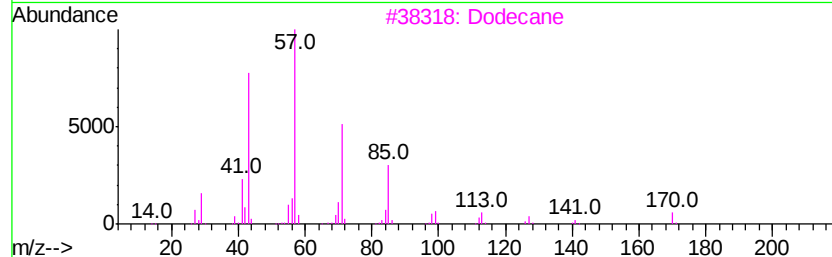
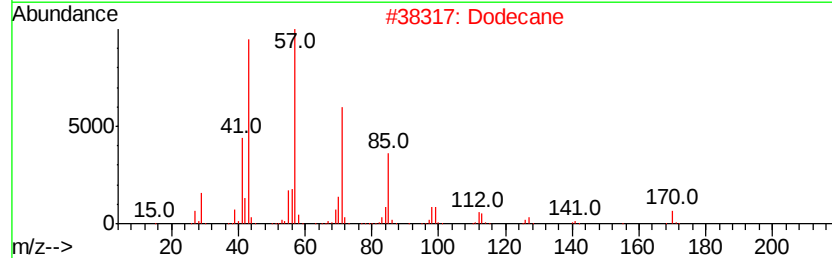
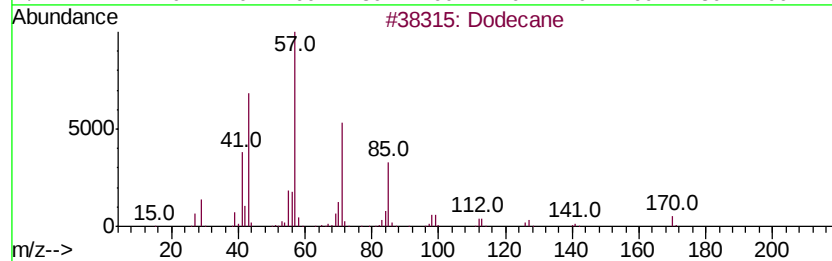
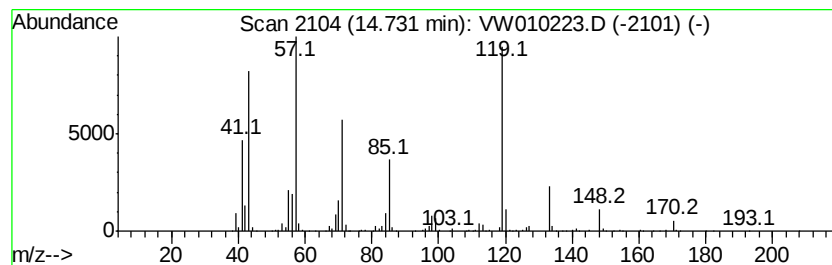
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Quant Title : VOC Analysis

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	13.77 ug/L	1369820	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	89
2		Dodecane	170	C12H26	000112-40-3	86
3		Dodecane	170	C12H26	000112-40-3	38
4		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	35
5		Undecane	156	C11H24	001120-21-4	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010223.D
Acq On : 30 Apr 2019 17:43
Operator : SY/VA
Sample : K2604-14
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ88

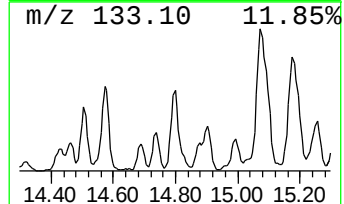
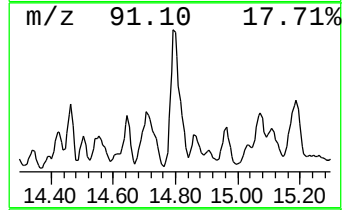
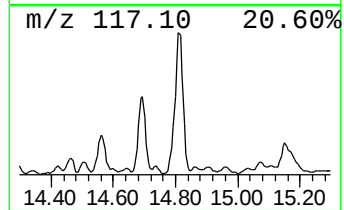
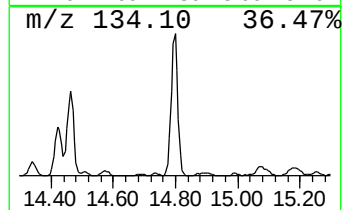
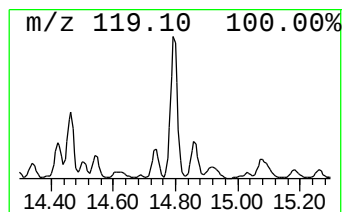
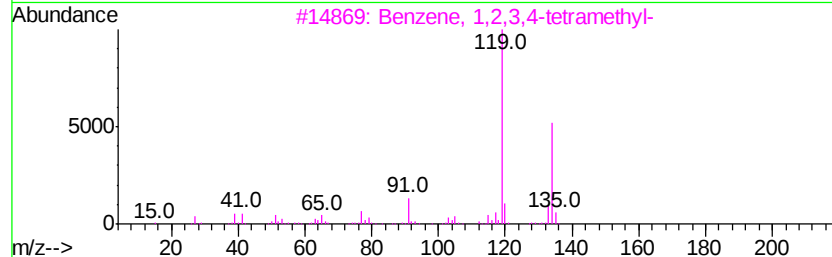
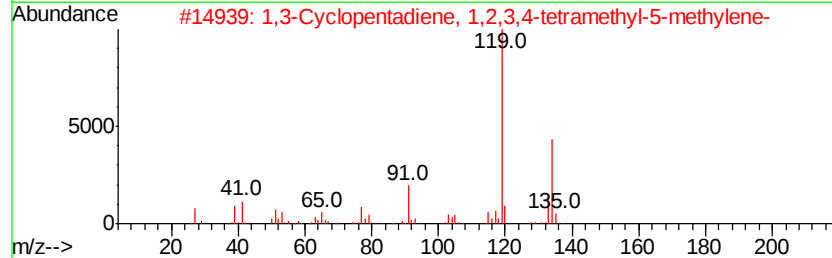
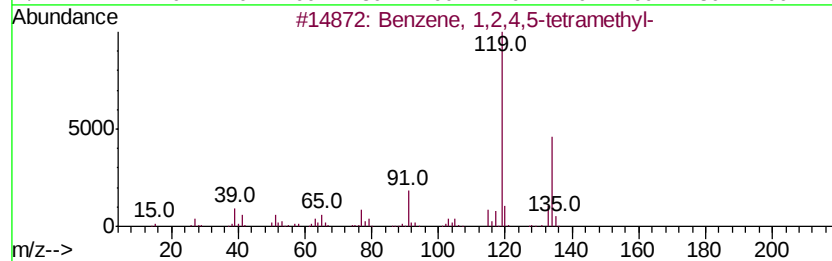
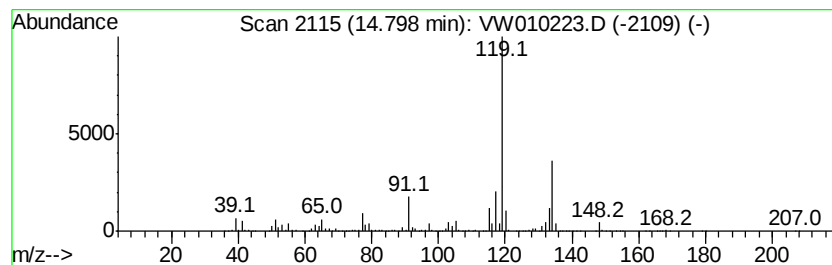
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Quant Title : VOC Analysis

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

Peak Number 28 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	40.65 ug/L	4043210	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010223.D
Acq On : 30 Apr 2019 17:43
Operator : SY/VA
Sample : K2604-14
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ88

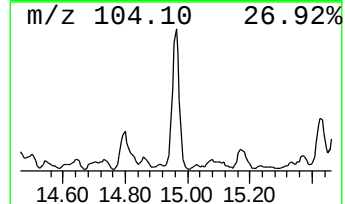
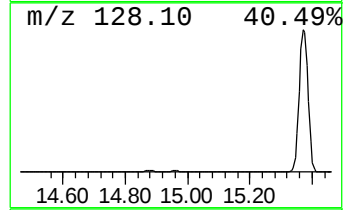
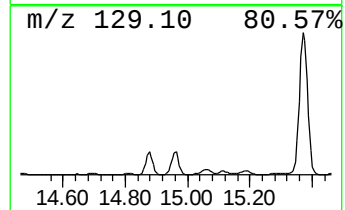
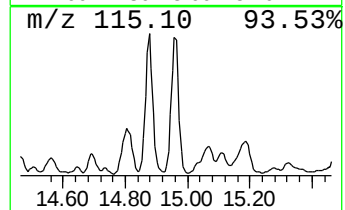
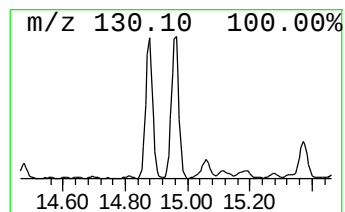
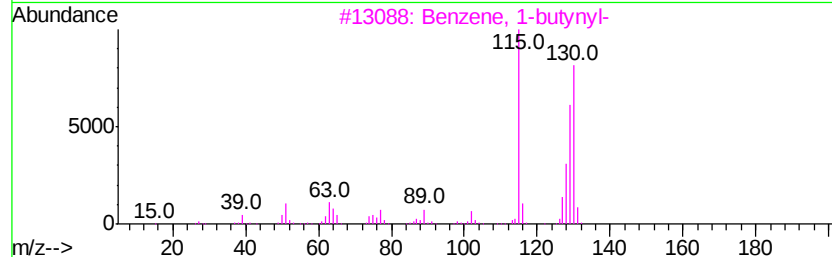
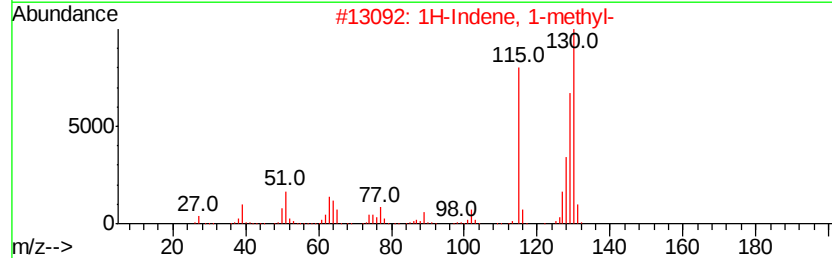
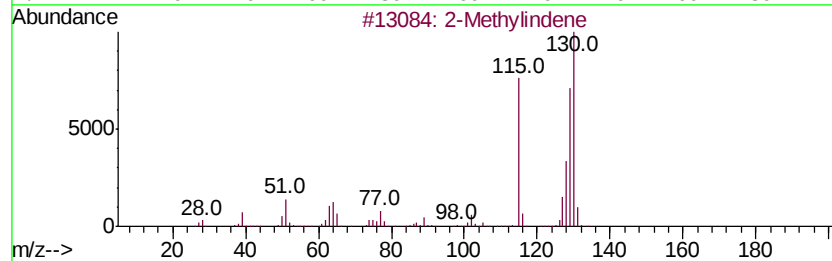
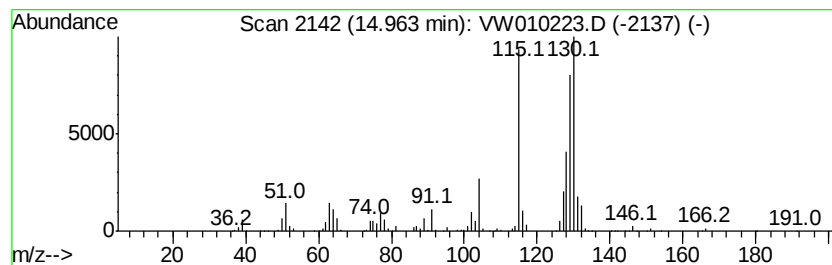
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Quant Title : VOC Analysis

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

Peak Number 29 2-Methylindene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	21.34 ug/L	2122180	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methylindene	130	C10H10	002177-47-1	96
2		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3		Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
4		Benzene, 1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
5		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010223.D
Acq On : 30 Apr 2019 17:43
Operator : SY/VA
Sample : K2604-14
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ88

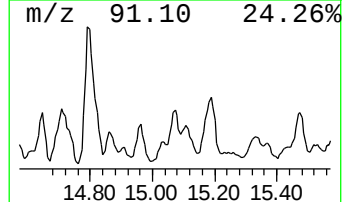
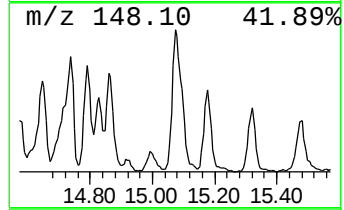
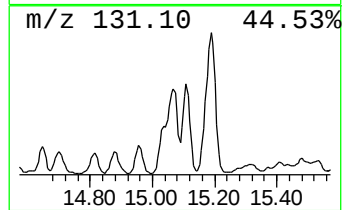
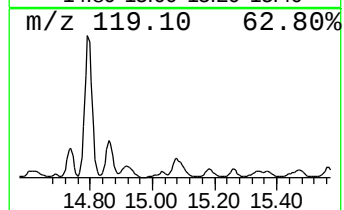
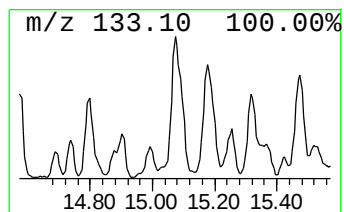
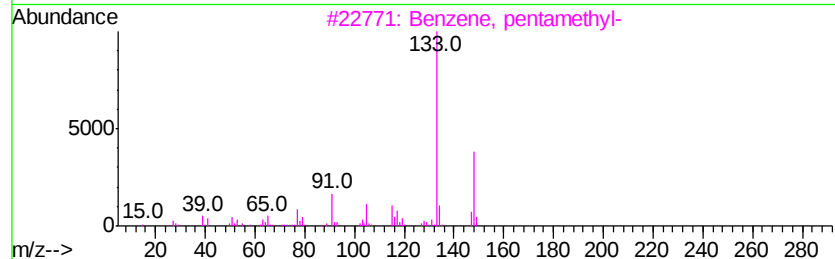
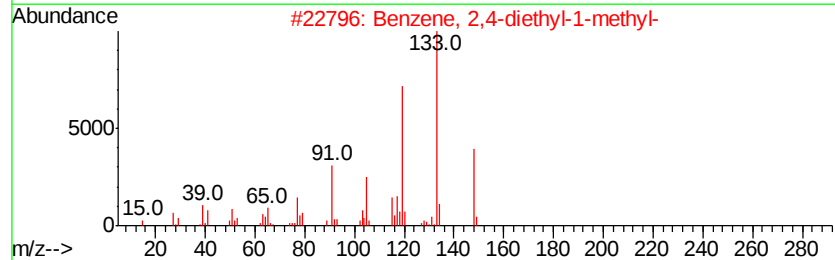
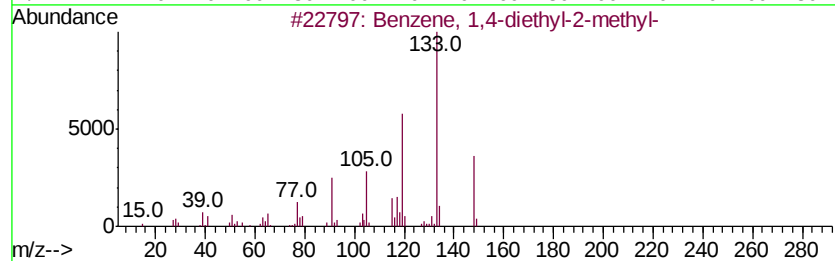
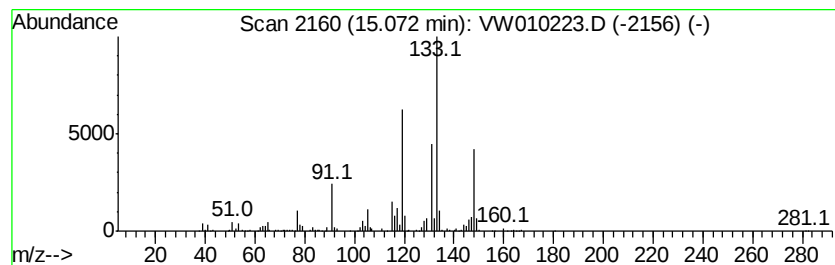
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Quant Title : VOC Analysis

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

Peak Number 30 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	6.27 ug/L	623856	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	58
2		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	53
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	49
4		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	46
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010223.D
Acq On : 30 Apr 2019 17:43
Operator : SY/VA
Sample : K2604-14
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ88

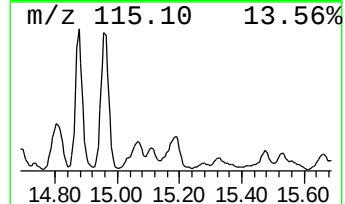
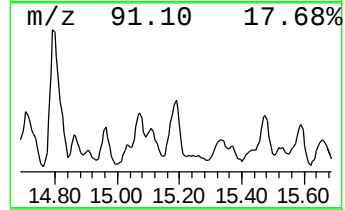
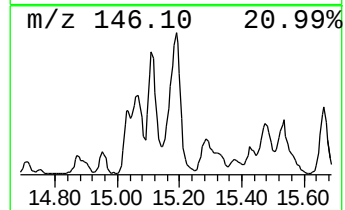
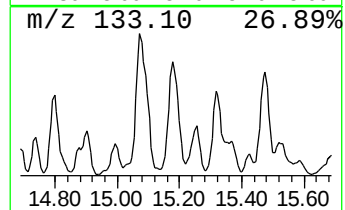
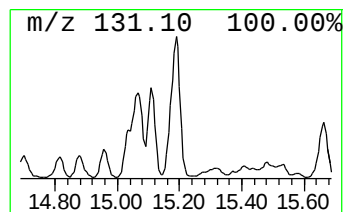
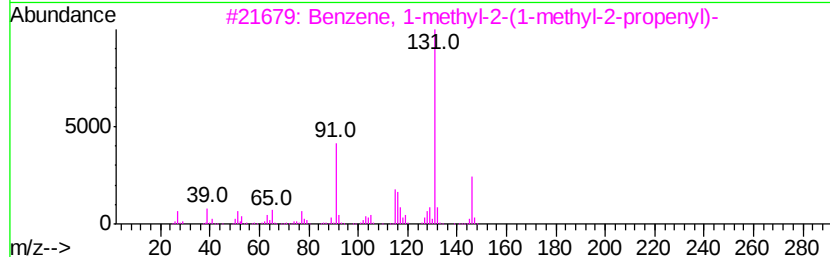
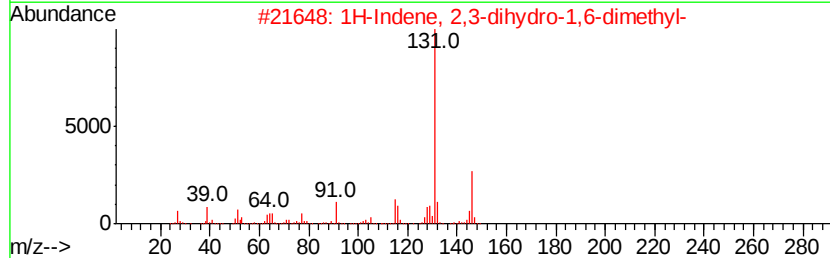
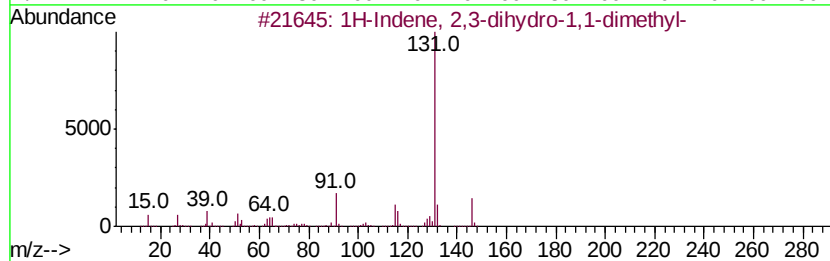
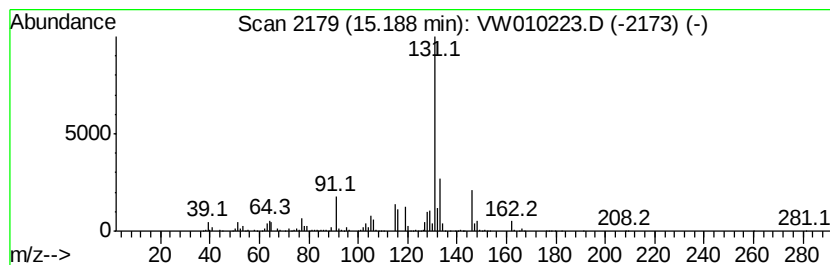
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Quant Title : VOC Analysis

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

Peak Number 31 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	18.23 ug/L	1813610	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	93
2		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
3		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	81
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	76
5		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010223.D
Acq On : 30 Apr 2019 17:43
Operator : SY/VA
Sample : K2604-14
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ88

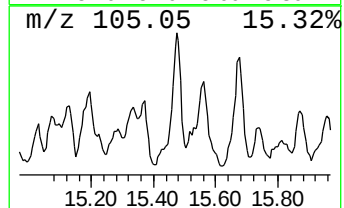
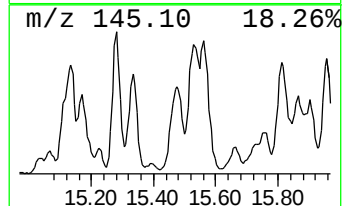
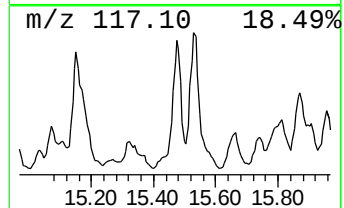
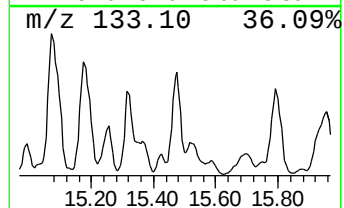
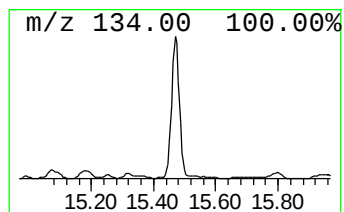
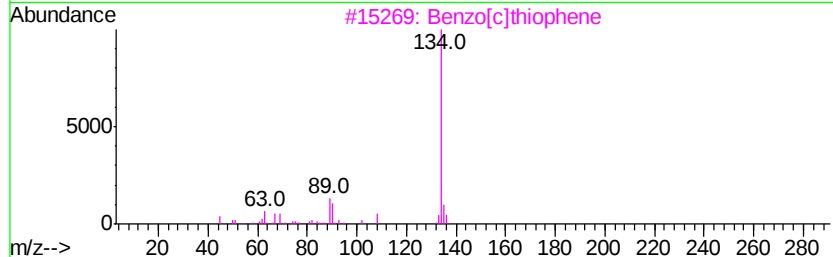
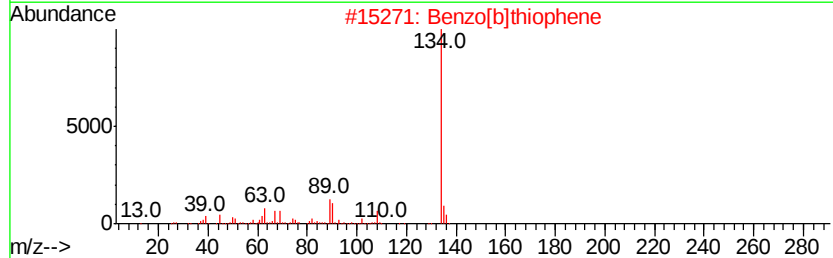
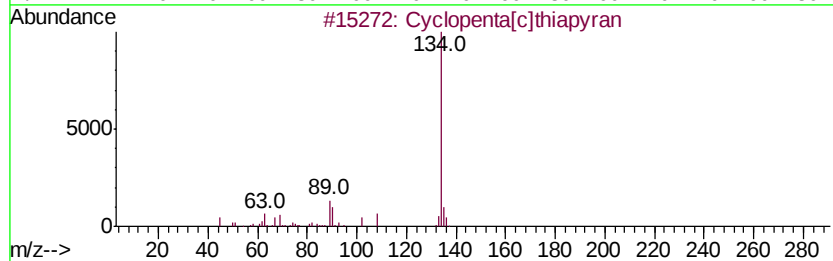
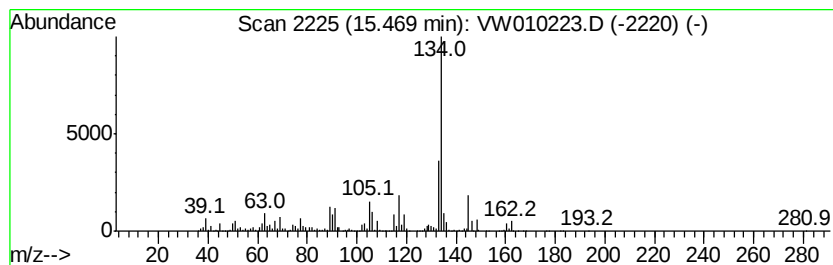
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Quant Title : VOC Analysis

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

Peak Number 33 Cyclopenta[c]thiapyran Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	16.75 ug/L	1665700	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	89
2		Benzo[b]thiophene	134	C8H6S	000095-15-8	89
3		Benzo[c]thiophene	134	C8H6S	000270-82-6	83
4		Benzofuran, 2,3-dihydro-2-methyl-	134	C9H10O	001746-11-8	53
5		5,6,7,8-Tetrahydroquinoxaline	134	C8H10N2	034413-35-9	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010223.D
Acq On : 30 Apr 2019 17:43
Operator : SY/VA
Sample : K2604-14
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAJ88

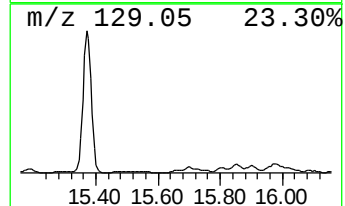
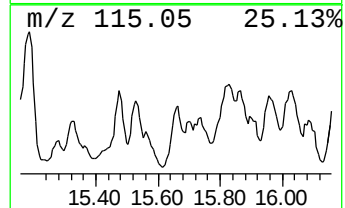
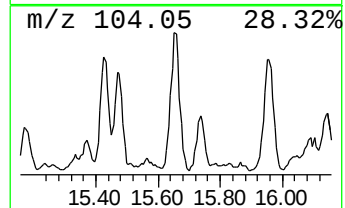
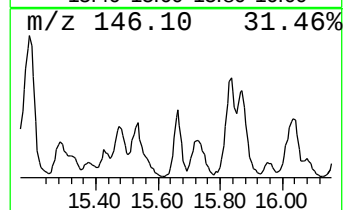
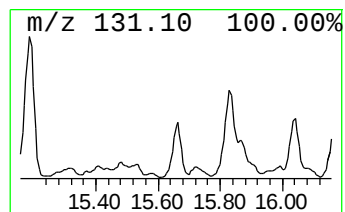
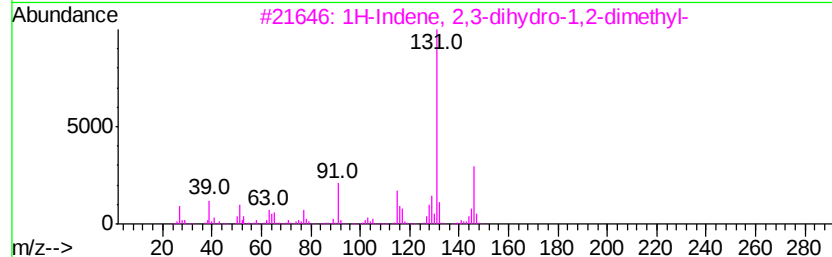
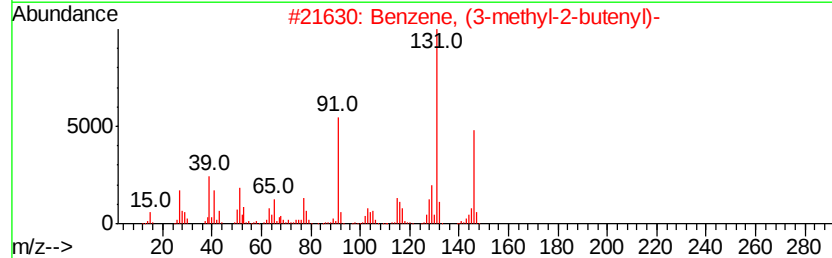
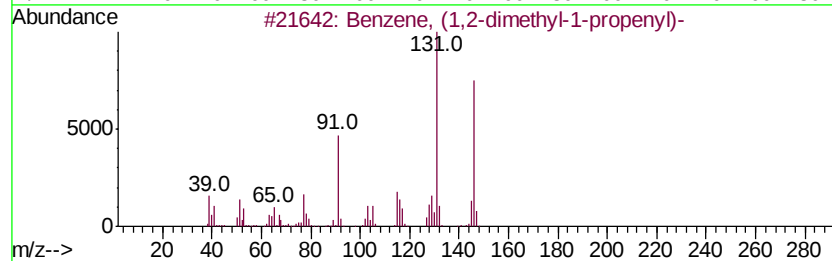
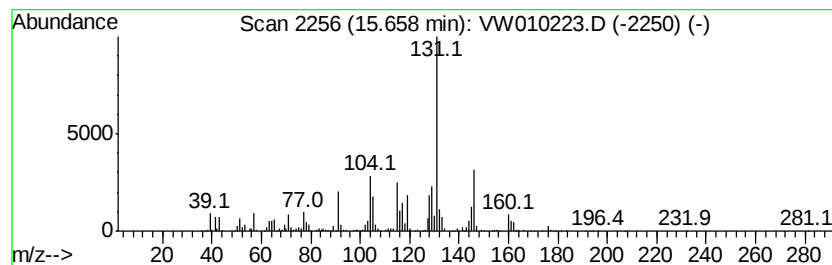
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Quant Title : VOC Analysis

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

Peak Number 34 Benzene, (1,2-dimethyl-1-propenyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	14.75 ug/L	1467350	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
2		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
3		1H-Indene, 2,3-dihydro-1,2-dimethyl-	146	C11H14	017057-82-8	87
4		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	81
5		1H-Indene, 2,3-dihydro-4,7-dimethyl-	146	C11H14	006682-71-9	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010223.D
Acq On : 30 Apr 2019 17:43
Operator : SY/VA
Sample : K2604-14
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ88

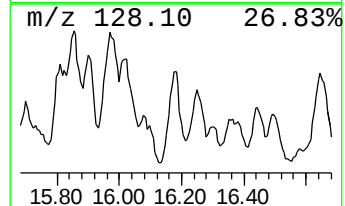
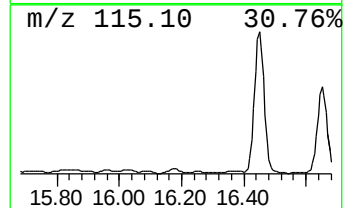
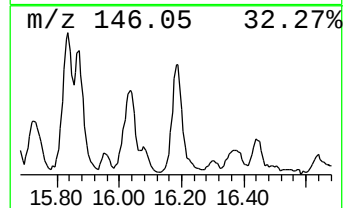
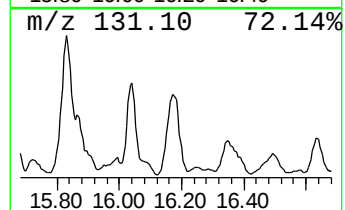
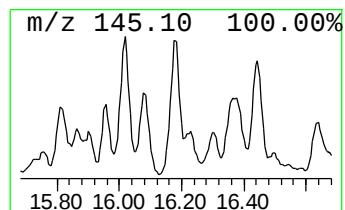
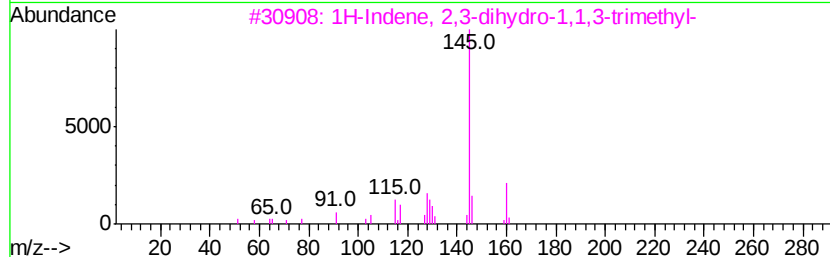
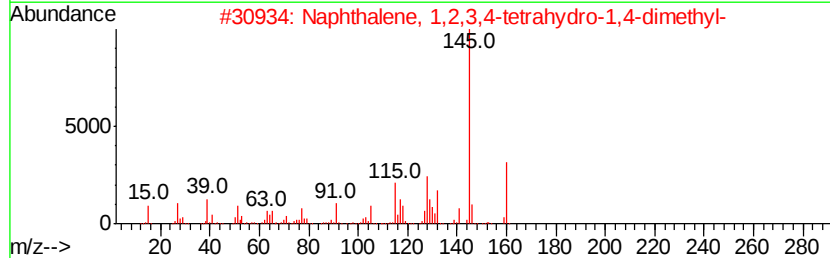
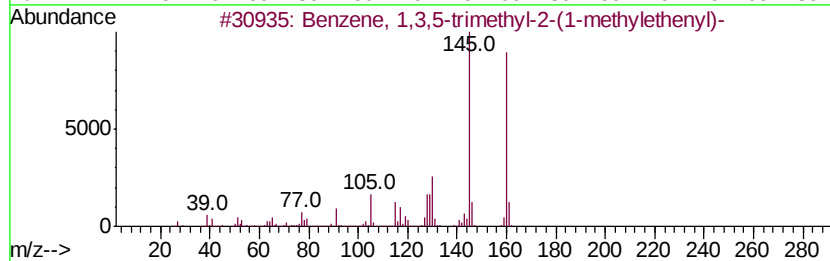
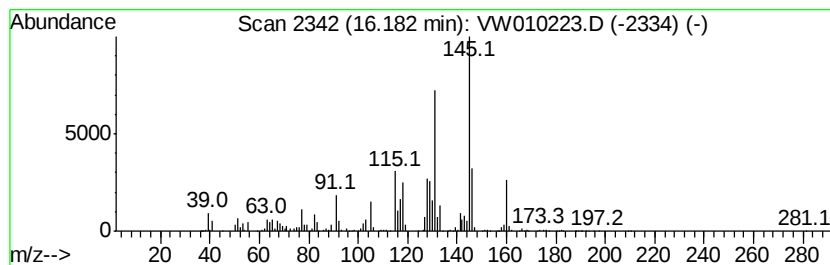
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Quant Title : VOC Analysis

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

Peak Number 35 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	17.10 ug/L	1701050	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	53
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	49
3		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	49
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	46
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010223.D
Acq On : 30 Apr 2019 17:43
Operator : SY/VA
Sample : K2604-14
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ88

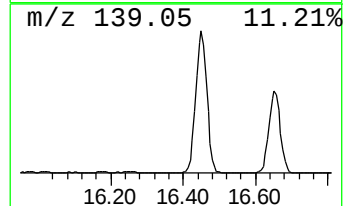
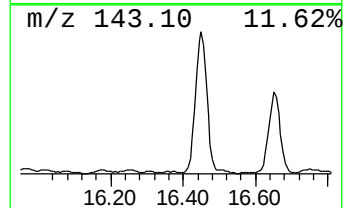
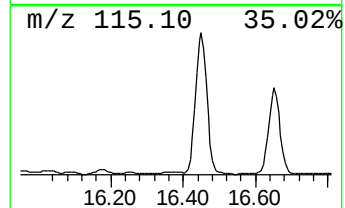
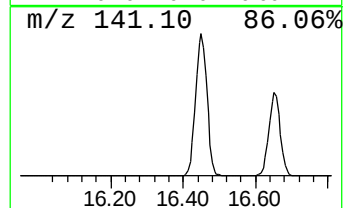
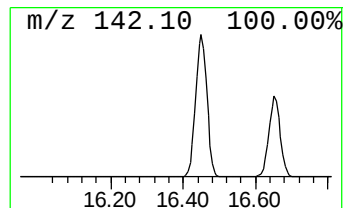
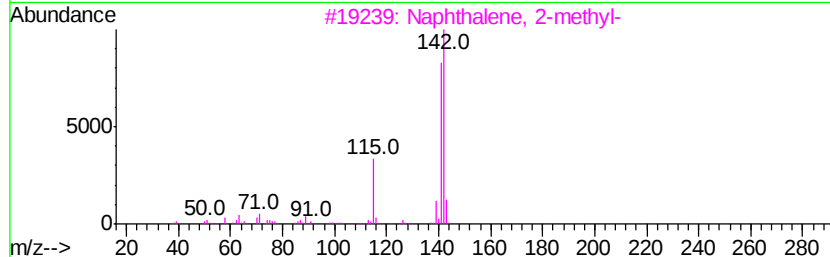
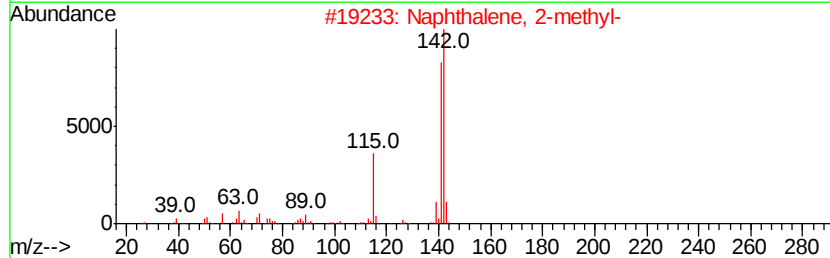
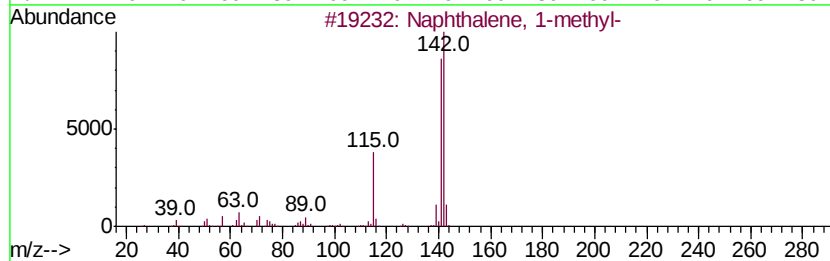
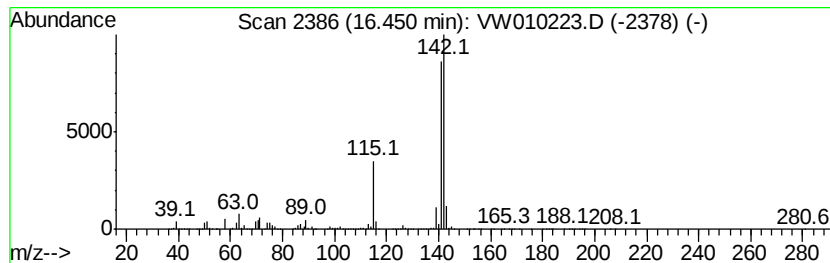
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Quant Title : VOC Analysis

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

Peak Number 36 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	246.88 ug/L	24556000	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042919\
 Data File : VW010223.D
 Acq On : 30 Apr 2019 17:43
 Operator : SY/VA
 Sample : K2604-14
 Misc : 5.07G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAJ88

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.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
Pyridine, 2-methyl-	11.24	1.5	ug/L	107148	2	11.63	1814620	25.0
Pyridine, 2,6-dim...	11.99	1.4	ug/L	103526	2	11.63	1814620	25.0
Benzene, 1-ethyl-...	12.87	2.5	ug/L	246395	3	13.56	2486680	25.0
Benzene, 1-ethyl-...	12.90	2.8	ug/L	276878	3	13.56	2486680	25.0
Benzene, 1,2,3-tr...	12.94	9.8	ug/L	974511	3	13.56	2486680	25.0
(DEL) Alkane: Str...	13.16	1.6	ug/L	160425	3	13.56	2486680	25.0
Benzene, 1-etheny...	13.30	6.6	ug/L	652658	3	13.56	2486680	25.0
(DEL) Alkane: Cyc...	13.45	4.1	ug/L	403878	3	13.56	2486680	25.0
Benzene, 1-propenyl-	13.63	4.0	ug/L	402170	3	13.56	2486680	25.0
Benzene, cyclopro...	13.76	14.4	ug/L	1431880	3	13.56	2486680	25.0
Indene	13.94	47.9	ug/L	4763190	3	13.56	2486680	25.0
Benzene, 2-ethyl-...	14.02	2.1	ug/L	205071	3	13.56	2486680	25.0
Benzene, 1-methyl...	14.10	5.8	ug/L	571925	3	13.56	2486680	25.0
Benzene, 4-etheny...	14.14	2.1	ug/L	210970	3	13.56	2486680	25.0
Benzene, (2-methy...	14.21	7.7	ug/L	765041	3	13.56	2486680	25.0
Benzene, 2-ethyl-...	14.35	5.6	ug/L	560830	3	13.56	2486680	25.0
(DEL) Alkane: Cyc...	14.39	6.7	ug/L	665154	3	13.56	2486680	25.0
Benzene, 1-ethyl-...	14.46	7.2	ug/L	715244	3	13.56	2486680	25.0
Benzene, 1,3-diet...	14.51	4.4	ug/L	440849	3	13.56	2486680	25.0
Benzene, 2-butenyl-	14.55	11.4	ug/L	1137260	3	13.56	2486680	25.0
unknown-01	14.65	5.2	ug/L	521172	3	13.56	2486680	25.0
Benzene, 2-etheny...	14.69	6.7	ug/L	663881	3	13.56	2486680	25.0
(DEL) Alkane: Str...	14.73	13.8	ug/L	1369820	3	13.56	2486680	25.0
Benzene, 1,2,4,5-...	14.80	40.6	ug/L	4043210	3	13.56	2486680	25.0
2-Methylindene	14.96	21.3	ug/L	2122180	3	13.56	2486680	25.0
Benzene, 1,4-diet...	15.07	6.3	ug/L	623856	3	13.56	2486680	25.0
1H-Indene, 2,3-di...	15.19	18.2	ug/L	1813610	3	13.56	2486680	25.0
Cyclopenta[c]thia...	15.47	16.8	ug/L	1665700	3	13.56	2486680	25.0
Benzene, (1,2-dim...	15.66	14.8	ug/L	1467350	3	13.56	2486680	25.0
Benzene, 1,3,5-tr...	16.18	17.1	ug/L	1701050	3	13.56	2486680	25.0
Naphthalene, 1-me...	16.45	246.9	ug/L	24556000	3	13.56	2486680	25.0