

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042319\
 Data File : VW010099.D
 Acq On : 23 Apr 2019 15:33
 Operator : SY/VA
 Sample : K2456-10
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHP8

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\SOM2WLM041519S.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	2.160	37	42	49	rBV2	18208	40281	0.09%	0.024%
2	2.355	69	74	87	rBV	84843	198355	0.43%	0.117%
3	2.885	155	161	173	rBV	70482	196452	0.43%	0.116%
4	4.013	333	346	360	rBV2	208319	726167	1.57%	0.428%
5	4.330	394	398	400	rVB4	1116	1230	0.00%	0.001%
6	4.403	402	410	416	rVV2	5003	14171	0.03%	0.008%
7	4.507	425	427	431	rVB5	1258	1561	0.00%	0.001%
8	4.678	452	455	457	rBV2	1318	1457	0.00%	0.001%
9	4.915	481	494	509	rBV2	47530	207615	0.45%	0.122%
10	5.153	531	533	536	rBV3	978	1079	0.00%	0.001%
11	5.275	551	553	557	rVV3	771	1103	0.00%	0.001%
12	5.409	572	575	579	rVV4	1057	1645	0.00%	0.001%
13	5.489	582	588	589	rVB3	830	1286	0.00%	0.001%
14	5.751	626	631	633	rBV4	901	1606	0.00%	0.001%
15	5.921	648	659	672	rVB3	10062	31947	0.07%	0.019%
16	6.110	687	690	692	rBV4	904	1093	0.00%	0.001%
17	6.440	741	744	748	rBV3	1091	1238	0.00%	0.001%
18	6.805	802	804	807	rVB2	1129	1187	0.00%	0.001%
19	6.878	815	816	821	rBV3	973	1161	0.00%	0.001%
20	6.970	827	831	833	rBV3	1039	1260	0.00%	0.001%
21	7.074	840	848	864	rBV	81951	235032	0.51%	0.138%
22	7.263	876	879	885	rVB5	2389	4322	0.01%	0.003%
23	7.488	914	916	919	rBV2	997	1110	0.00%	0.001%
24	7.531	919	923	927	rVV6	1781	3429	0.01%	0.002%
25	7.647	930	942	955	rVV	404490	968575	2.10%	0.570%
26	7.884	977	981	984	rVB4	1129	1665	0.00%	0.001%
27	8.092	1013	1015	1018	rVB2	1399	1621	0.00%	0.001%
28	8.275	1034	1045	1061	rBV2	761749	2270713	4.92%	1.337%
29	8.415	1066	1068	1074	rVB4	1870	2218	0.00%	0.001%
30	8.671	1107	1110	1112	rBV3	1149	1478	0.00%	0.001%
31	8.695	1112	1114	1120	rVB6	1995	2699	0.01%	0.002%
32	8.781	1124	1128	1129	rBV2	925	1071	0.00%	0.001%
33	8.842	1129	1138	1150	rBV	963802	1893255	4.10%	1.115%
34	9.079	1172	1177	1184	rVB6	5454	11339	0.02%	0.007%

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Integration Parameters: LSCINT.P

Integrator: RTE
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 Sampling : 1
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Title : VOC Analysis

35	9.274	1199	1209	1226	rBV	541548	1109540	2.40%	0.653%
36	9.658	1267	1272	1281	rBV7	3030	7267	0.02%	0.004%
37	9.756	1283	1288	1296	rBV6	2549	6109	0.01%	0.004%
38	9.884	1304	1309	1319	rBV6	6142	16016	0.03%	0.009%
39	10.036	1326	1334	1344	rBV	279123	506629	1.10%	0.298%
40	10.244	1362	1368	1373	rBV3	4126	7913	0.02%	0.005%
41	10.323	1373	1381	1387	rVV	1029152	1779646	3.85%	1.048%
42	10.384	1387	1391	1399	rVV	79094	142160	0.31%	0.084%
43	10.500	1406	1410	1415	rBV7	1473	2617	0.01%	0.002%
44	10.579	1415	1423	1434	rVB2	186795	319703	0.69%	0.188%
45	10.707	1439	1444	1450	rVB2	7663	14189	0.03%	0.008%
46	10.774	1452	1455	1458	rBV5	1430	1705	0.00%	0.001%
47	10.859	1461	1469	1473	rBV8	4300	9755	0.02%	0.006%
48	10.927	1473	1480	1491	rBV	335898	559797	1.21%	0.330%
49	11.067	1501	1503	1512	rVB4	7826	12681	0.03%	0.007%
50	11.170	1518	1520	1523	rBV3	1946	3020	0.01%	0.002%
51	11.341	1545	1548	1551	rBV5	1518	2010	0.00%	0.001%
52	11.634	1587	1596	1604	rBV	1260596	2194983	4.75%	1.293%
53	11.835	1626	1629	1640	rVB7	6395	15574	0.03%	0.009%
54	12.006	1653	1657	1659	rBV4	952	1298	0.00%	0.001%
55	12.085	1667	1670	1671	rBV2	948	1053	0.00%	0.001%
56	12.176	1679	1685	1692	rVB3	15800	30424	0.07%	0.018%
57	12.347	1708	1713	1716	rBV7	3468	6168	0.01%	0.004%
58	12.438	1716	1728	1729	rBV6	9668	30862	0.07%	0.018%
59	12.609	1752	1756	1762	rVB4	15246	25551	0.06%	0.015%
60	12.695	1763	1770	1778	rVB	403033	654460	1.42%	0.385%
61	12.896	1787	1803	1807	rBV5	96359	362421	0.78%	0.213%
62	13.109	1833	1838	1844	rBV	14460	23649	0.05%	0.014%
63	13.213	1849	1855	1857	rBV7	8840	16918	0.04%	0.010%
64	13.255	1857	1862	1866	rBV	129300	205388	0.44%	0.121%
65	13.304	1866	1870	1874	rBV	136441	266655	0.58%	0.157%
66	13.469	1891	1897	1906	rVB3	52294	181873	0.39%	0.107%
67	13.560	1906	1912	1922	rBV2	1126574	2229443	4.83%	1.313%
68	13.719	1931	1938	1941	rBV2	74854	150593	0.33%	0.089%
69	13.755	1941	1944	1946	rVV2	126423	185589	0.40%	0.109%
70	13.792	1946	1950	1955	rVB	402168	629466	1.36%	0.371%
71	13.859	1955	1961	1969	rBV	793348	1382086	2.99%	0.814%

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Integration Parameters: LSCINT.P

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72	13.944	1970	1975	1981	rBV2	142229	258500	0.56%	0.152%
73	14.017	1982	1987	1988	rBV	209801	286865	0.62%	0.169%
74	14.042	1988	1991	1997	rVV2	309019	535151	1.16%	0.315%
75	14.103	1997	2001	2005	rVB	462744	587740	1.27%	0.346%
76	14.145	2005	2008	2014	rVB	308728	526446	1.14%	0.310%
77	14.237	2014	2023	2028	rBV	2832588	4479403	9.70%	2.638%
78	14.292	2028	2032	2036	rVB	476611	669379	1.45%	0.394%
79	14.341	2036	2040	2045	rVB	312243	481775	1.04%	0.284%
80	14.426	2045	2054	2056	rBV	1195800	1896928	4.11%	1.117%
81	14.463	2056	2060	2064	rVV	2729929	4095621	8.87%	2.412%
82	14.505	2064	2067	2071	rVV	826179	1213658	2.63%	0.715%
83	14.560	2071	2076	2081	rVB3	1705870	2815627	6.10%	1.658%
84	14.645	2087	2090	2094	rVB	190668	217014	0.47%	0.128%
85	14.694	2094	2098	2101	rBV	696305	1090899	2.36%	0.642%
86	14.731	2101	2104	2109	rVB2	873722	1264420	2.74%	0.745%
87	14.798	2109	2115	2122	rBV2	4605676	9263871	20.06%	5.455%
88	14.871	2122	2127	2136	rVB6	996073	2551262	5.53%	1.502%
89	14.956	2136	2141	2149	rVB	4829885	8138180	17.62%	4.792%
90	15.036	2150	2154	2155	rBV2	332126	443185	0.96%	0.261%
91	15.072	2156	2160	2163	rBV3	831925	1339084	2.90%	0.789%
92	15.182	2173	2178	2185	rBV3	1301520	3068035	6.64%	1.807%
93	15.322	2197	2201	2205	rBV4	1179835	2072285	4.49%	1.220%
94	15.371	2205	2209	2215	rVB	2050213	3489435	7.56%	2.055%
95	15.481	2222	2227	2231	rBV3	795743	1285352	2.78%	0.757%
96	15.560	2237	2240	2248	rVB	2030988	3251111	7.04%	1.915%
97	15.664	2252	2257	2262	rBV	1036005	2098009	4.54%	1.235%
98	15.968	2301	2307	2313	rBV3	1337712	3594384	7.78%	2.117%
99	16.450	2379	2386	2393	rBV	20154225	42701095	92.48%	25.146%
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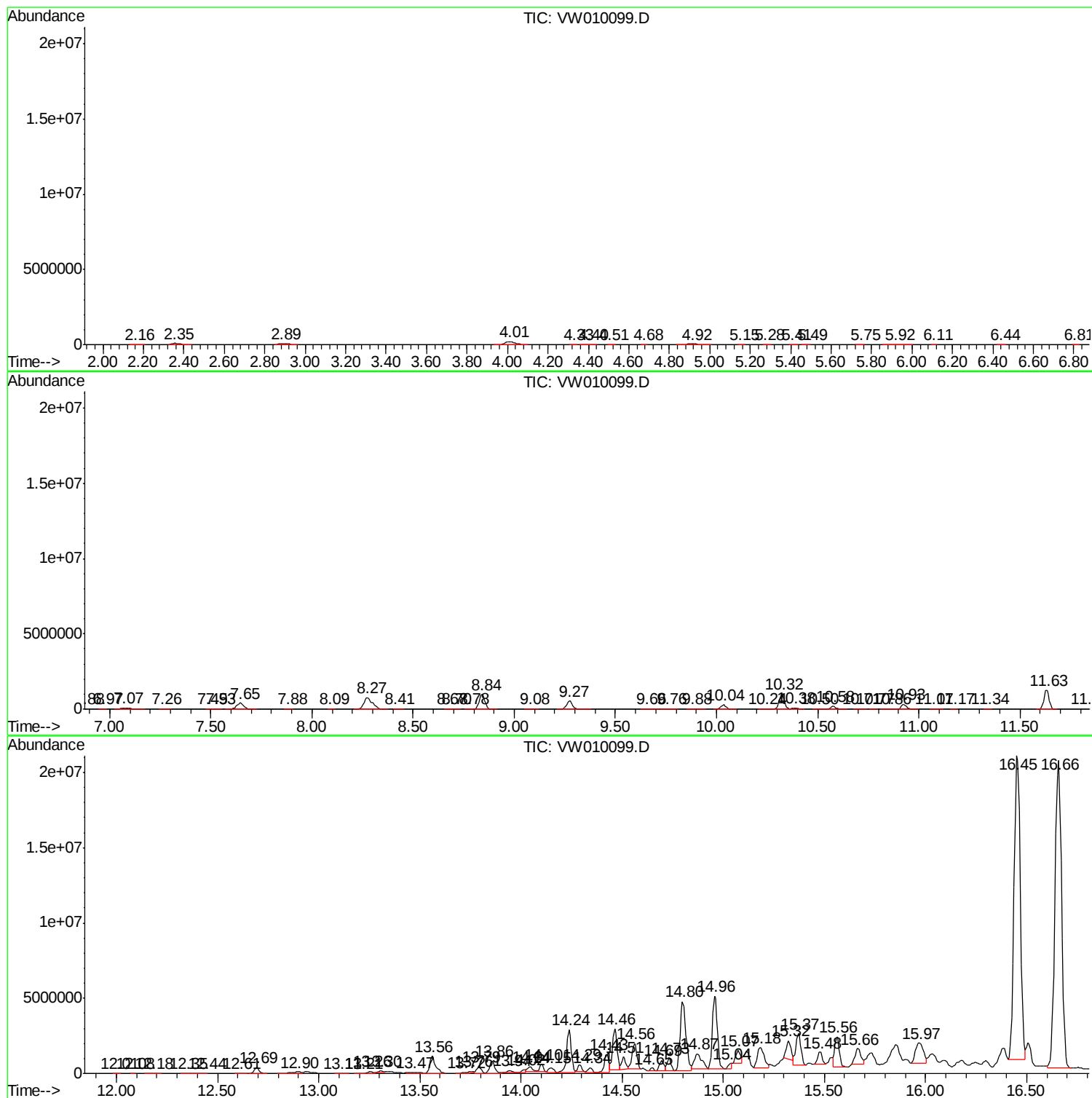
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ClientSampleId :
GAHP8

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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



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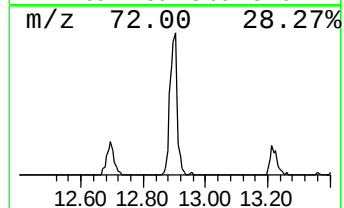
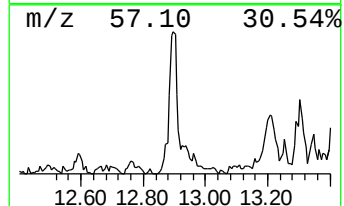
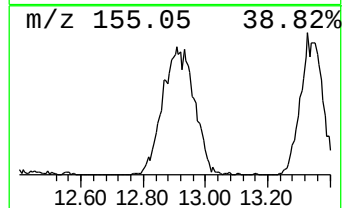
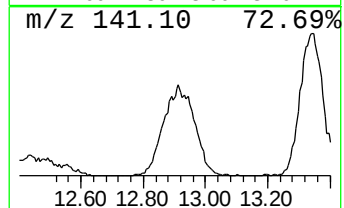
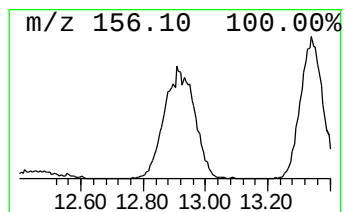
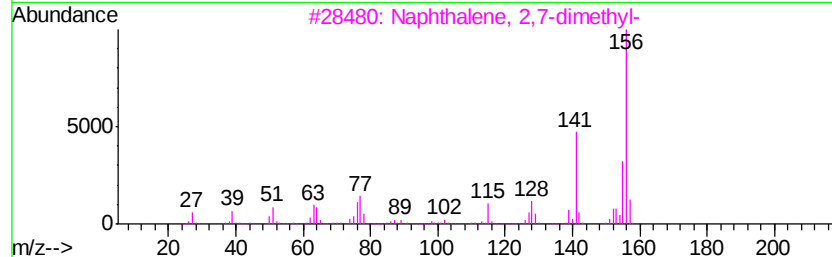
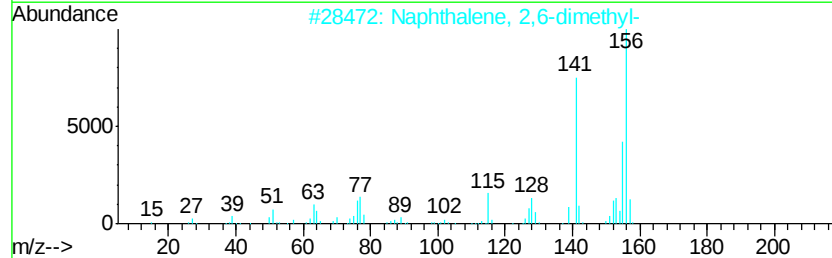
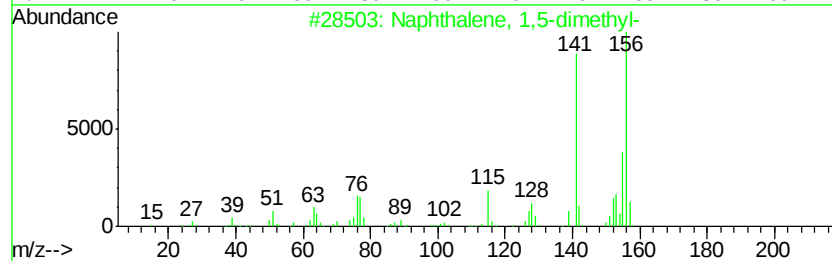
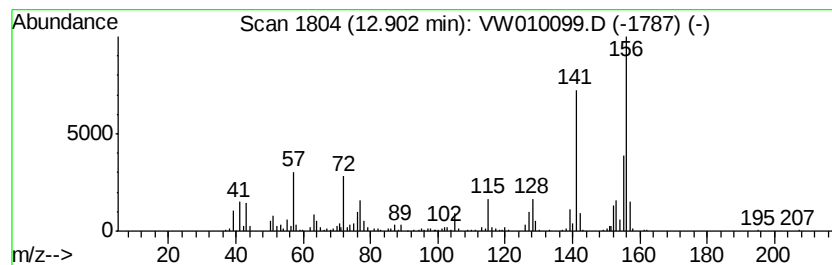
Instrument :
MSVOA_W
ClientSampleId :
GAHP8

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 2 Naphthalene, 1,5-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	4.06 ug/L	362421	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 98
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
3		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
4		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96



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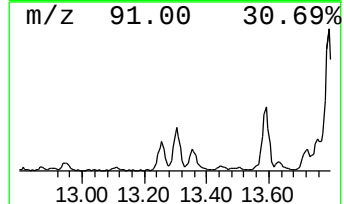
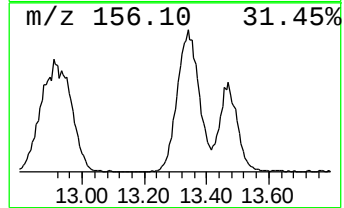
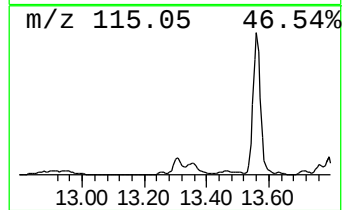
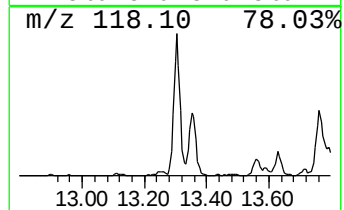
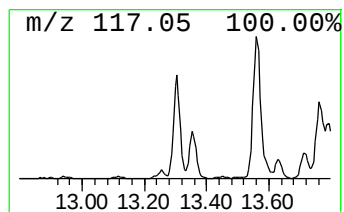
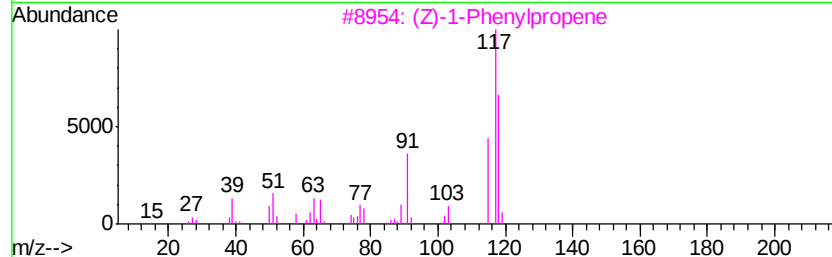
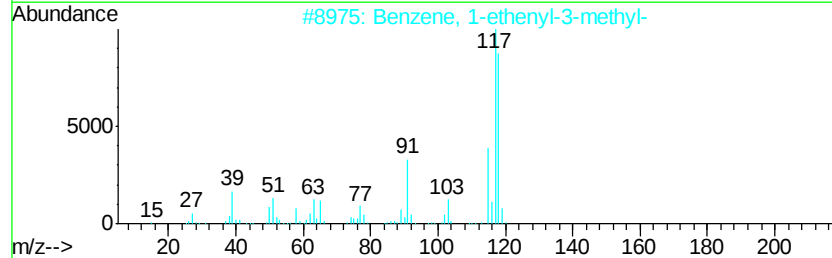
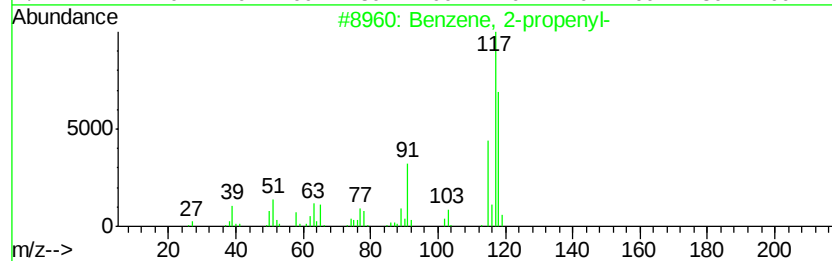
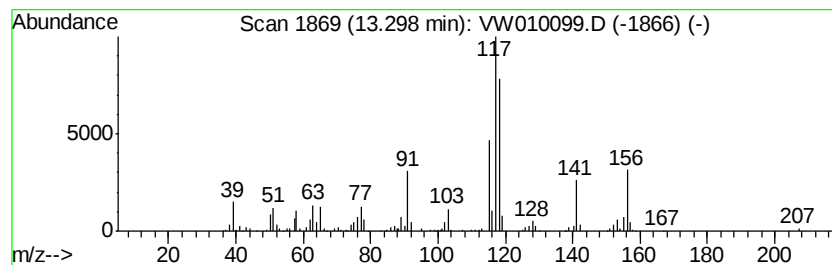
Instrument :
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 4 Benzene, 2-propenyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	2.99 ug/L	266655	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 2-propenyl-	118 C9H10	000300-57-2 95
2		Benzene, 1-ethenyl-3-methyl-	118 C9H10	000100-80-1 95
3		(Z)-1-Phenylpropene	118 C9H10	000766-90-5 90
4		Benzene, 1-ethenyl-2-methyl-	118 C9H10	000611-15-4 78
5		Benzene, 1-ethenyl-4-methyl-	118 C9H10	000622-97-9 60



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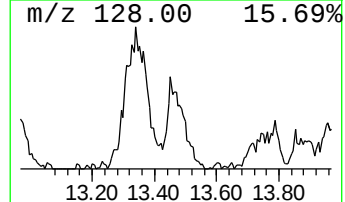
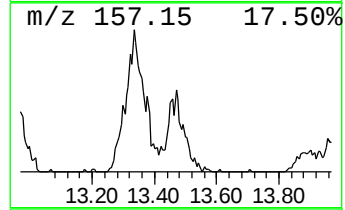
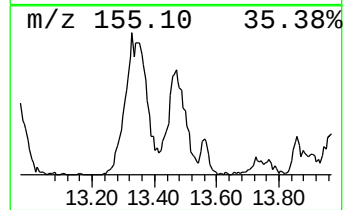
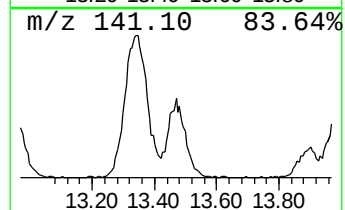
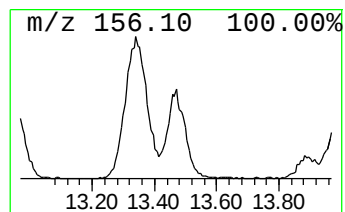
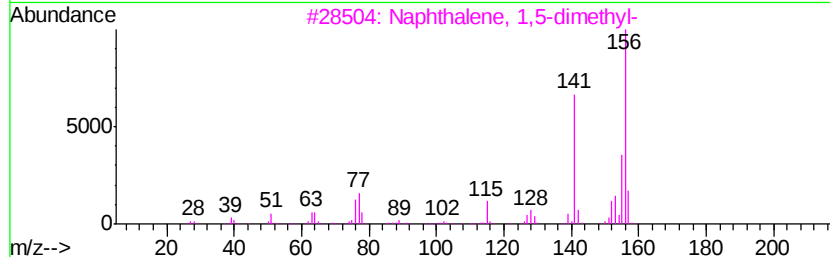
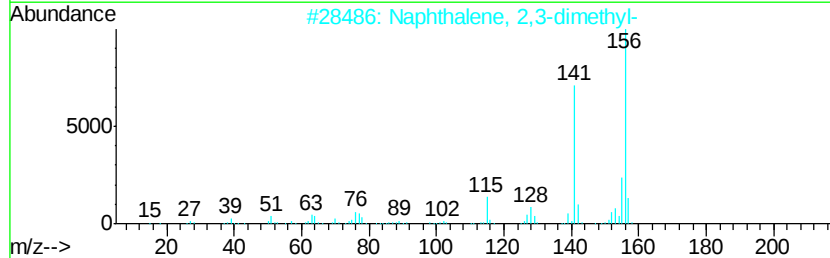
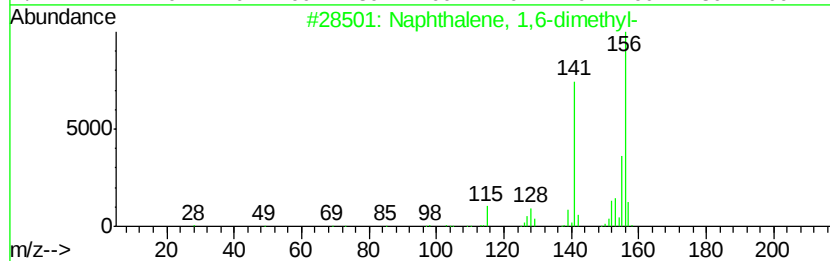
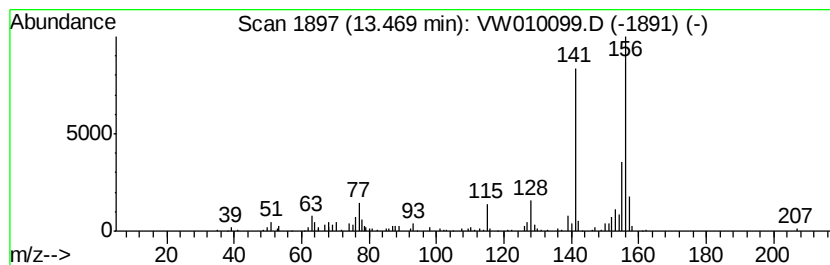
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Quant Title : VOC Analysis

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

Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	2.04 ug/L	181873	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010099.D
Acq On : 23 Apr 2019 15:33
Operator : SY/VA
Sample : K2456-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHP8

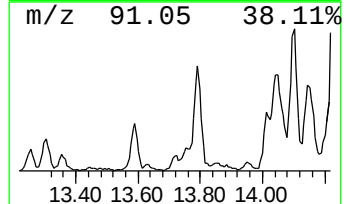
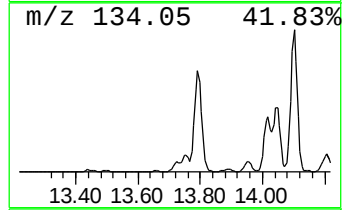
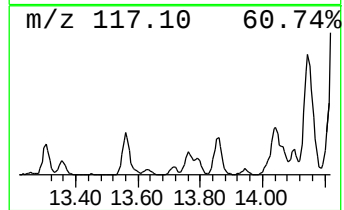
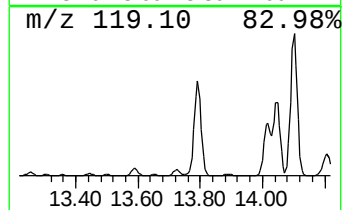
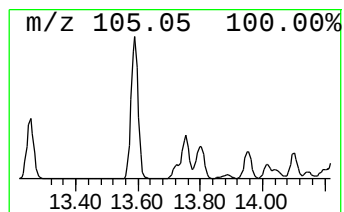
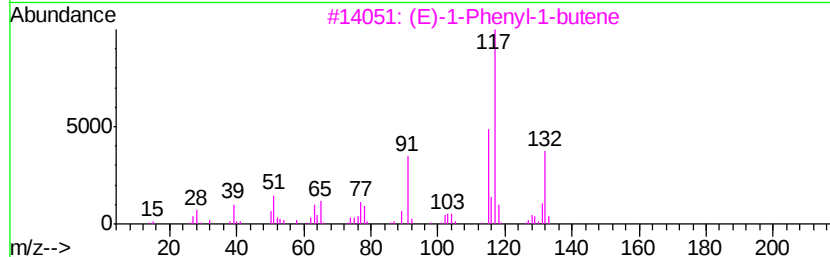
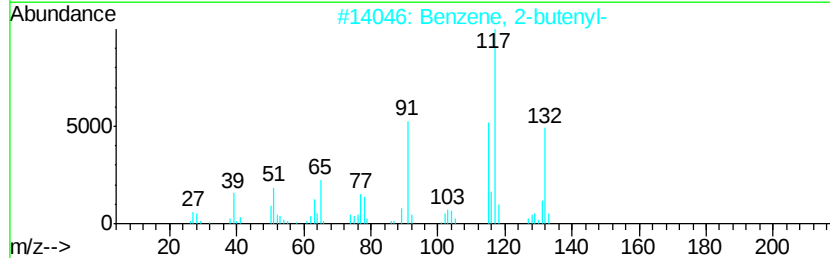
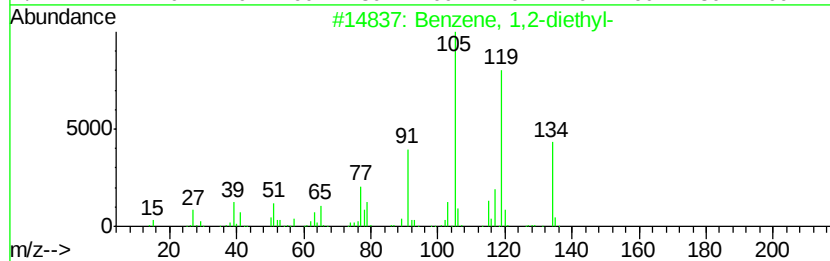
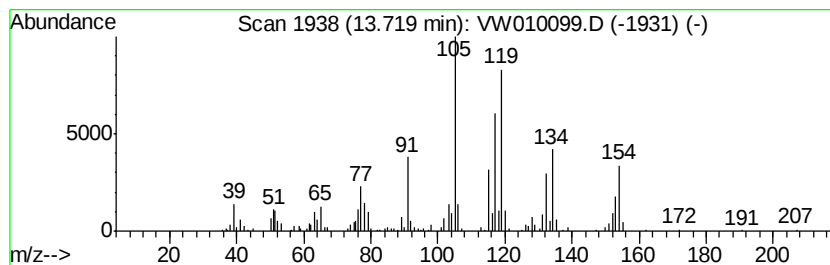
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Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	1.69 ug/L	150593	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	70
2		Benzene, 2-butenyl-	132	C10H12	001560-06-1	68
3		(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	66
4		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	64
5		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010099.D
Acq On : 23 Apr 2019 15:33
Operator : SY/VA
Sample : K2456-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHP8

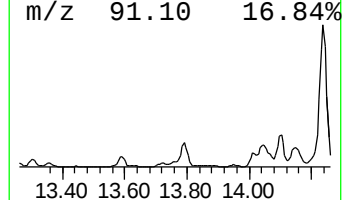
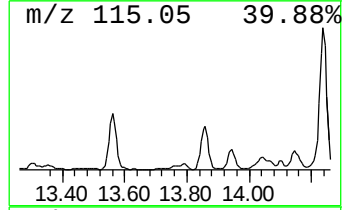
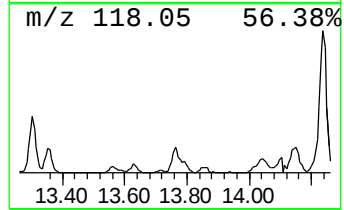
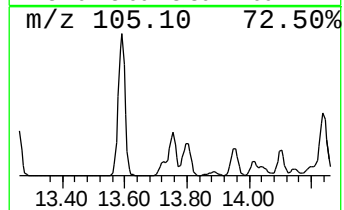
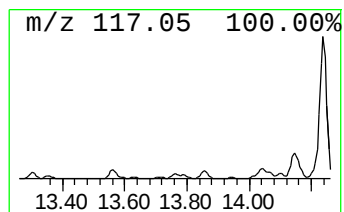
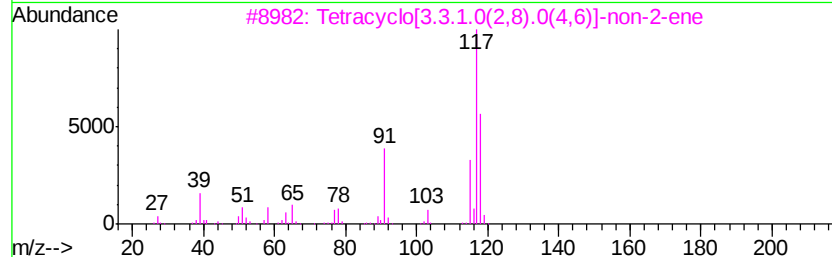
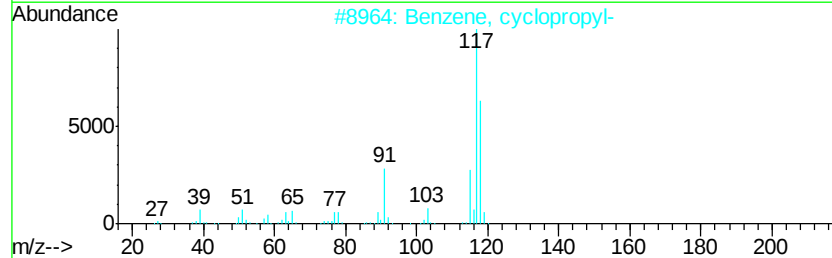
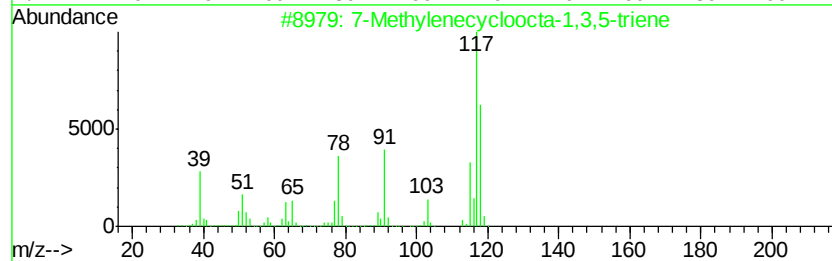
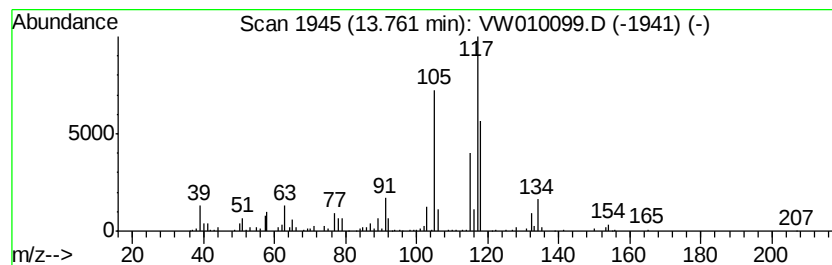
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Quant Title : VOC Analysis

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

Peak Number 7 unknown-01 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	2.08 ug/L	185589	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	43
2		Benzene, cyclopropyl-	118	C9H10	000873-49-4	43
3		Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	43
4		Benzene, 1-propenyl-	118	C9H10	000637-50-3	43
5		Benzene, 1-propenyl-	118	C9H10	000637-50-3	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010099.D
Acq On : 23 Apr 2019 15:33
Operator : SY/VA
Sample : K2456-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHP8

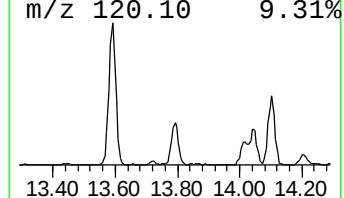
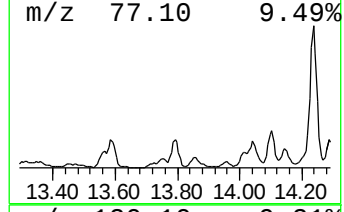
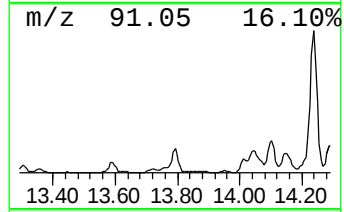
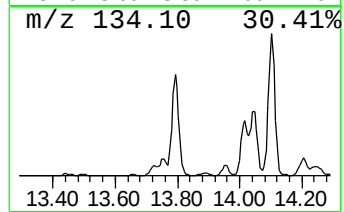
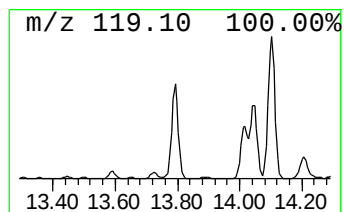
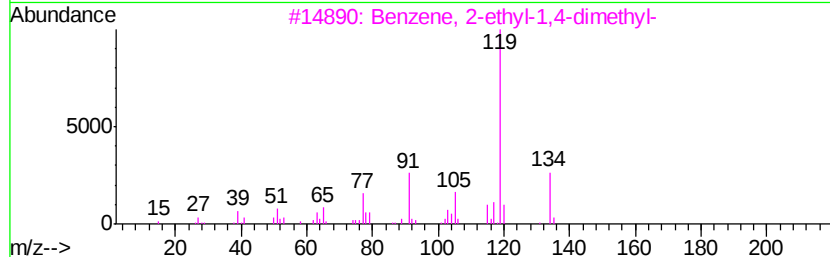
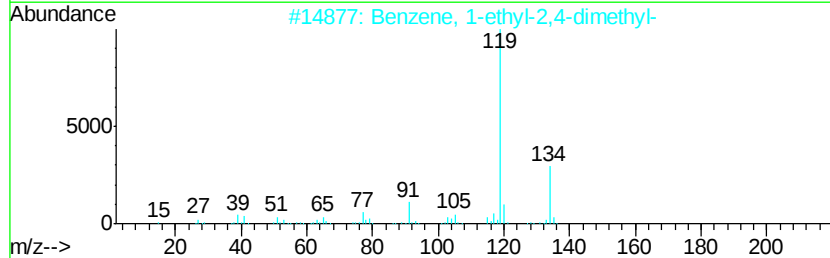
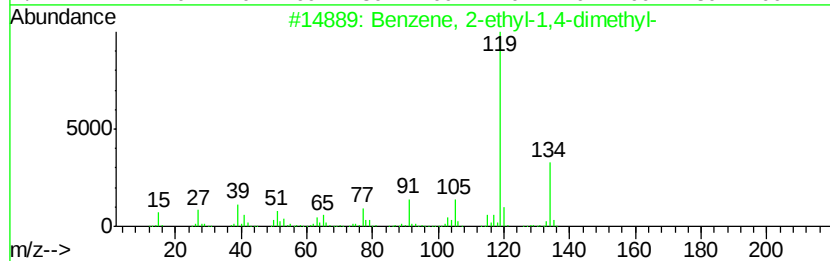
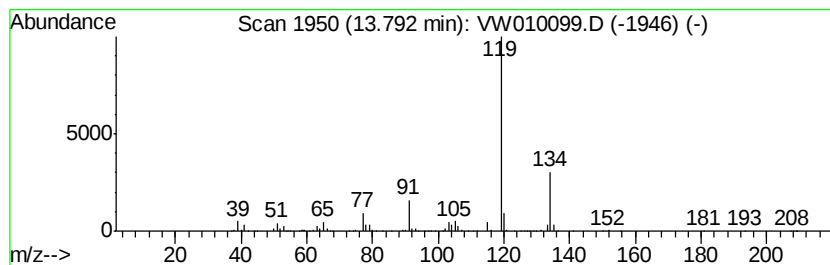
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Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	7.06 ug/L	629466	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	91
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5		o-Cymene	134	C10H14	000527-84-4	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010099.D
Acq On : 23 Apr 2019 15:33
Operator : SY/VA
Sample : K2456-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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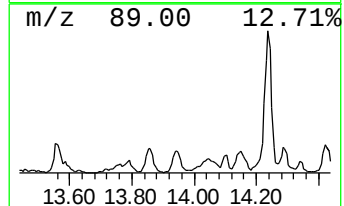
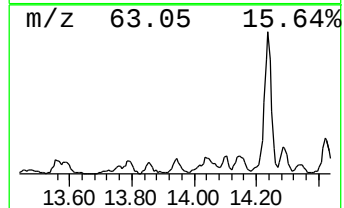
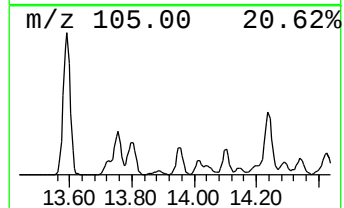
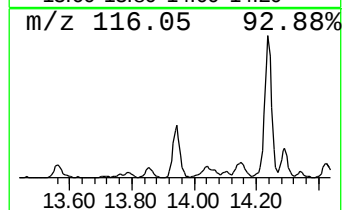
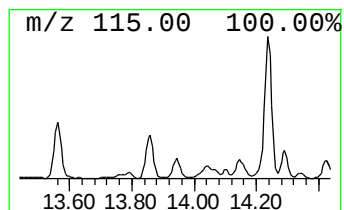
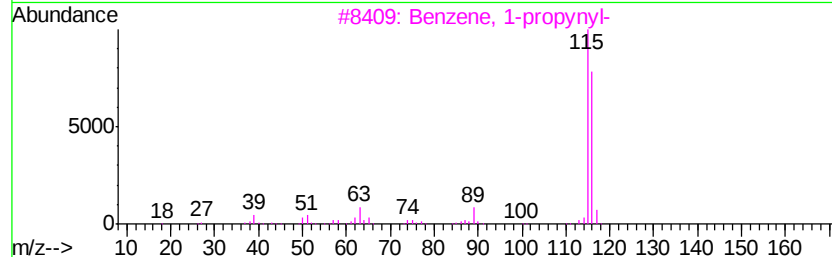
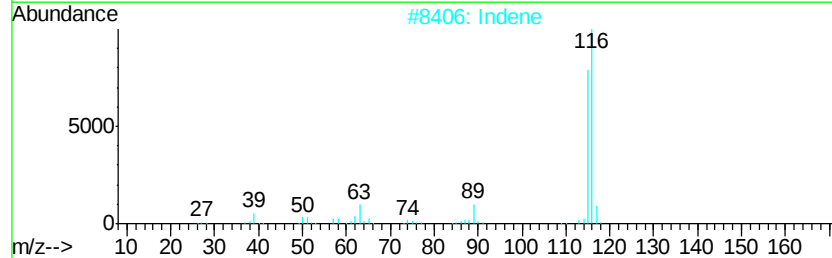
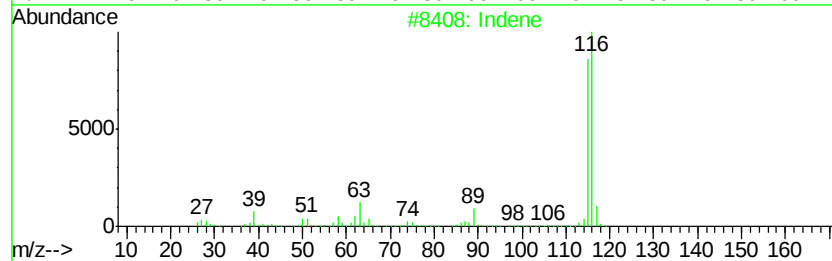
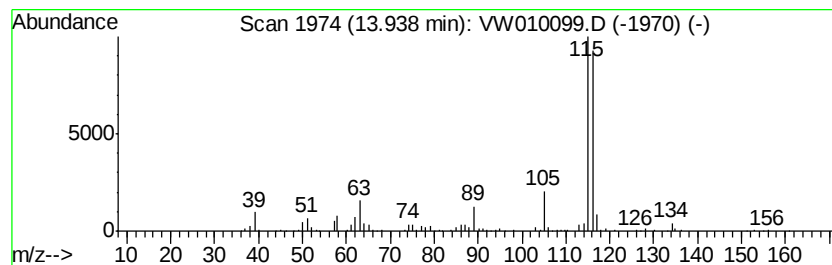
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Quant Title : VOC Analysis

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

Peak Number 9 Indene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	2.90 ug/L	258500	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	95
2	Indene		116	C9H8	000095-13-6	93
3	Benzene, 1-propynyl-		116	C9H8	000673-32-5	93
4	Benzene, 1-ethynyl-4-methyl-		116	C9H8	000766-97-2	87
5	3-Methylphenylacetylene		116	C9H8	000766-82-5	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010099.D
Acq On : 23 Apr 2019 15:33
Operator : SY/VA
Sample : K2456-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHP8

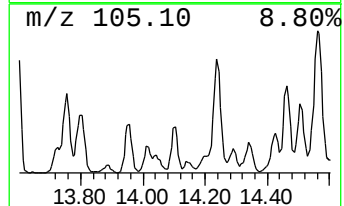
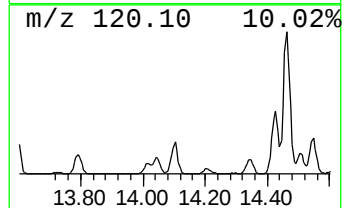
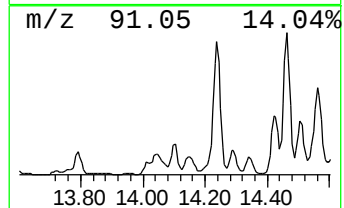
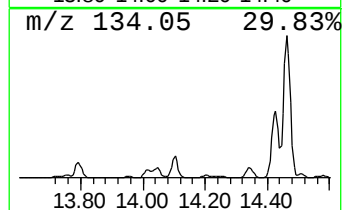
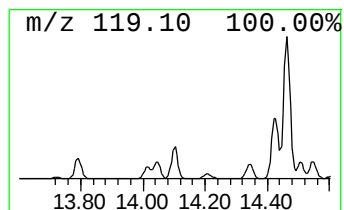
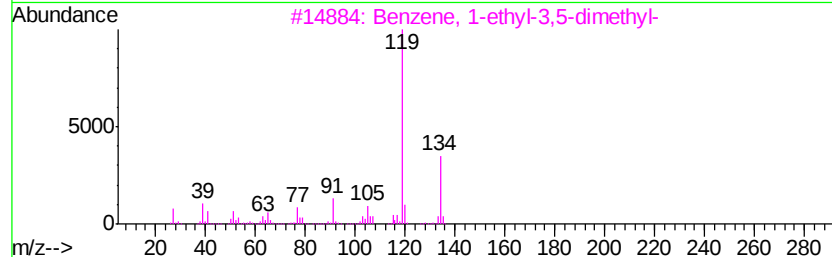
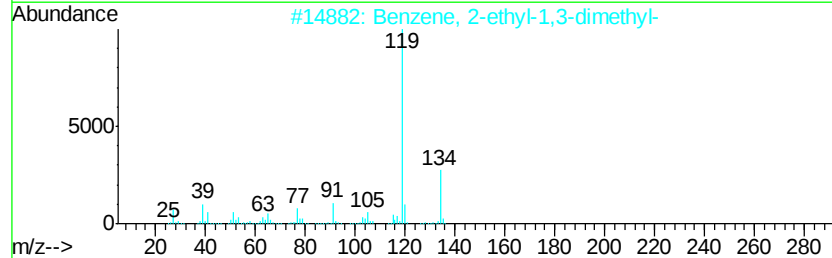
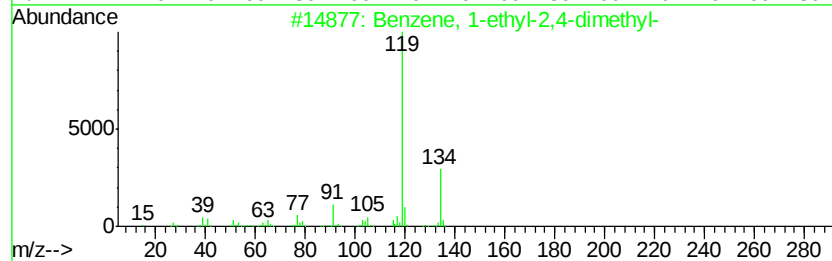
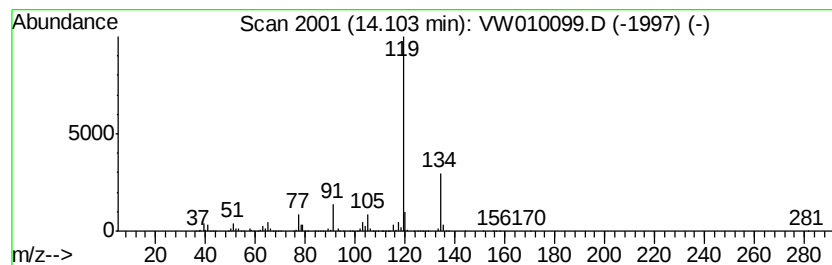
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Quant Title : VOC Analysis

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

Peak Number 12 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	6.59 ug/L	587740	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010099.D
Acq On : 23 Apr 2019 15:33
Operator : SY/VA
Sample : K2456-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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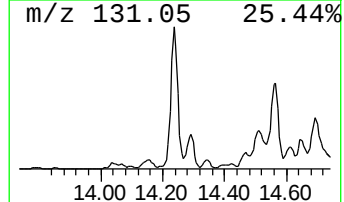
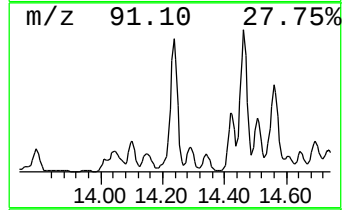
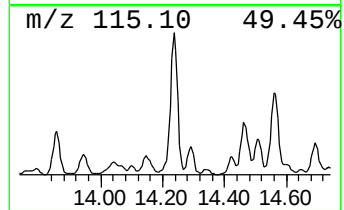
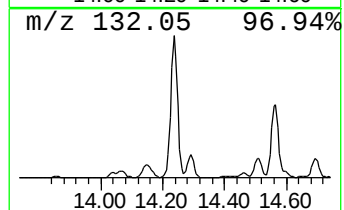
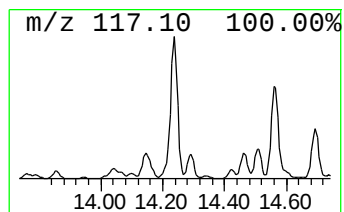
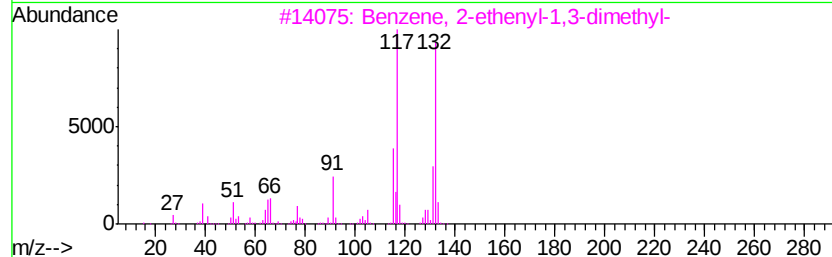
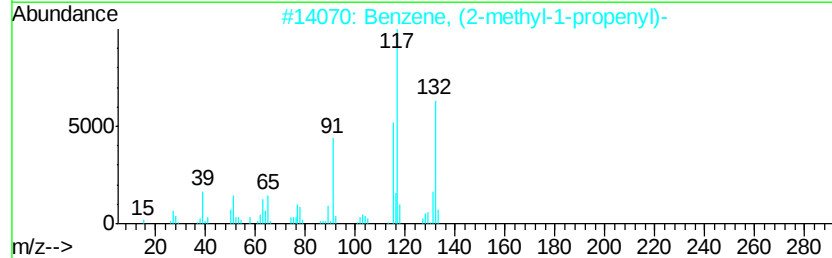
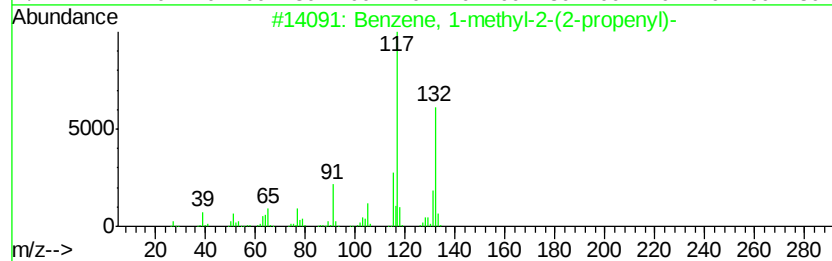
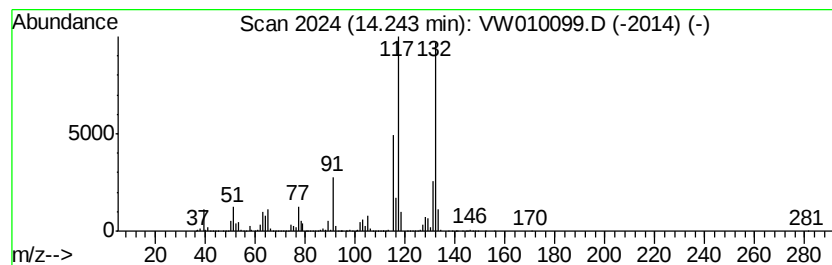
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Quant Title : VOC Analysis

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

Peak Number 14 Benzene, 1-methyl-2-(2-prop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	50.23 ug/L	4479400	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
2		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
3		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	95
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010099.D
Acq On : 23 Apr 2019 15:33
Operator : SY/VA
Sample : K2456-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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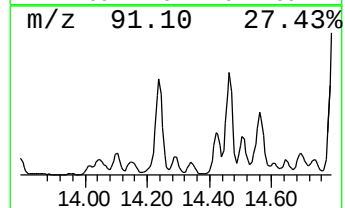
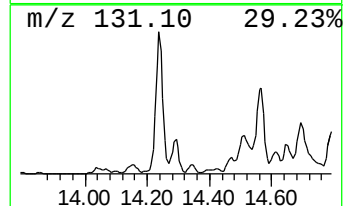
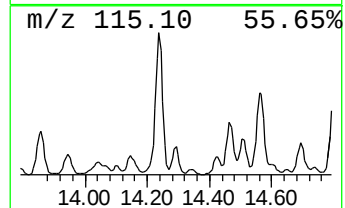
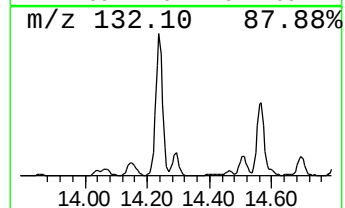
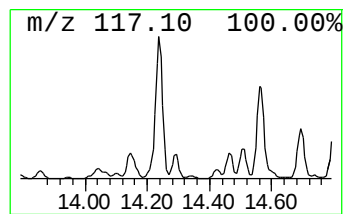
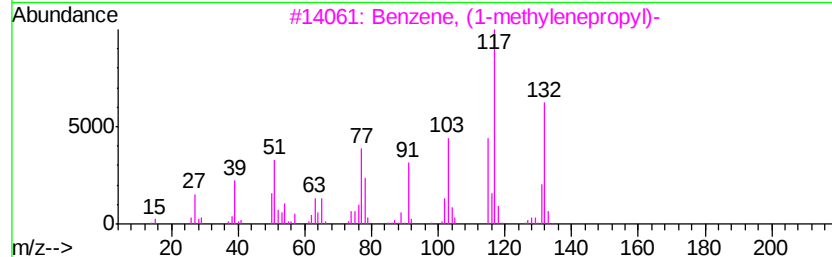
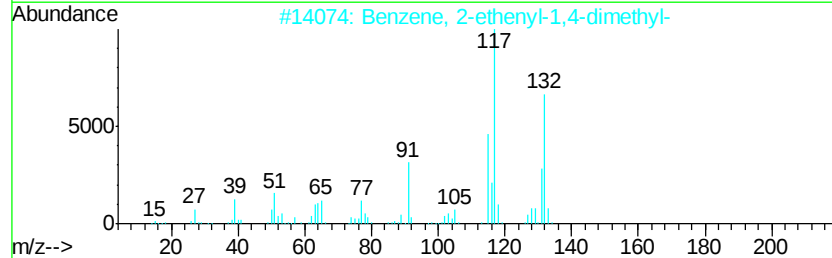
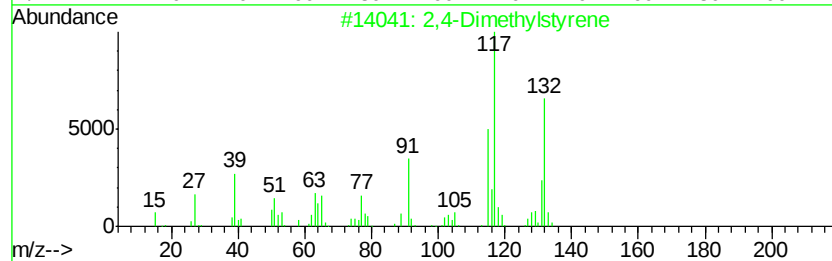
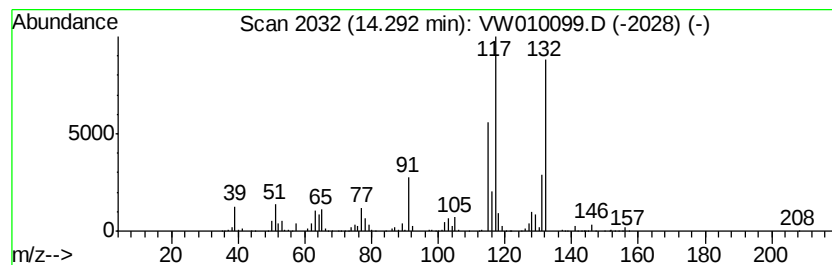
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Quant Title : VOC Analysis

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

Peak Number 15 2,4-Dimethylstyrene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	7.51 ug/L	669379	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Dimethylstvrene	132	C10H12	002234-20-0	95
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3		Benzene, (1-methylenepropyl)-	132	C10H12	002039-93-2	94
4		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
5		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010099.D
Acq On : 23 Apr 2019 15:33
Operator : SY/VA
Sample : K2456-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHP8

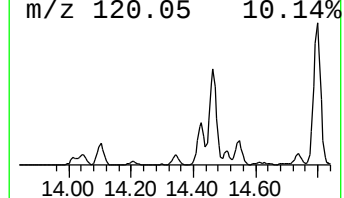
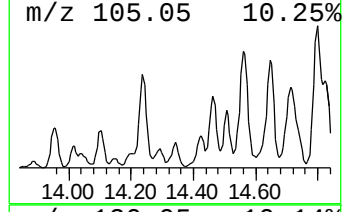
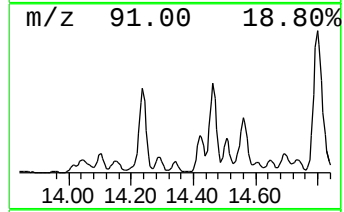
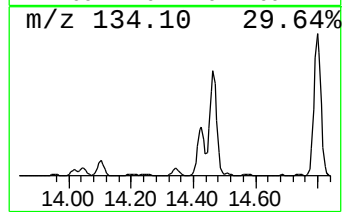
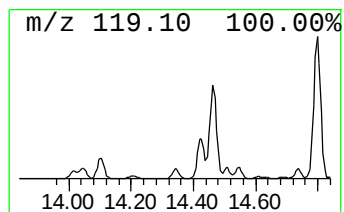
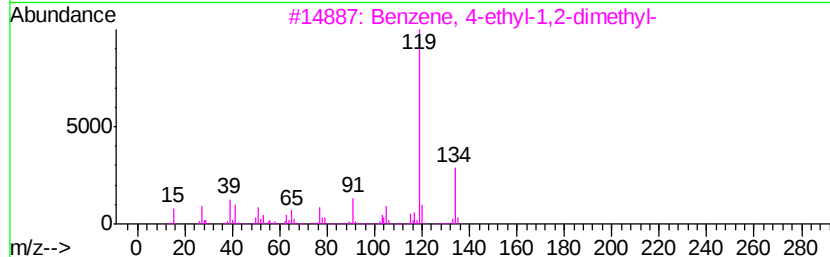
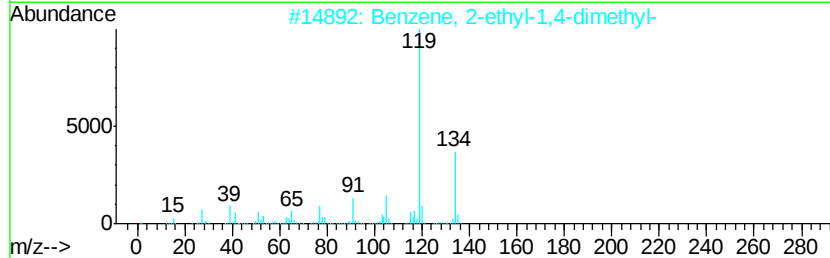
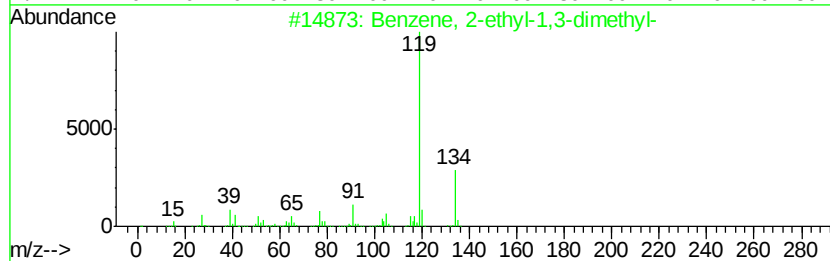
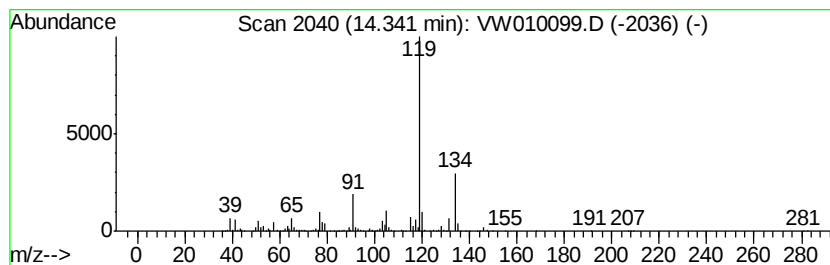
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Quant Title : VOC Analysis

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

Peak Number 16 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	5.40 ug/L	481775	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	94
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5		o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010099.D
Acq On : 23 Apr 2019 15:33
Operator : SY/VA
Sample : K2456-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHP8

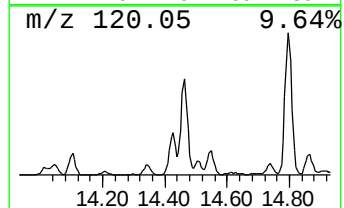
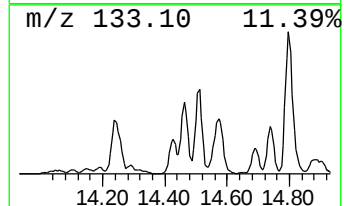
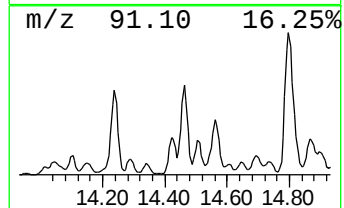
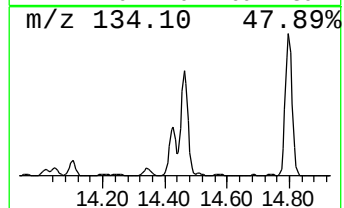
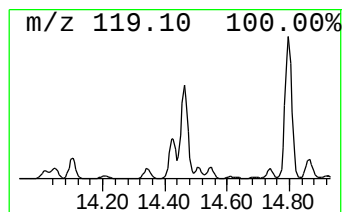
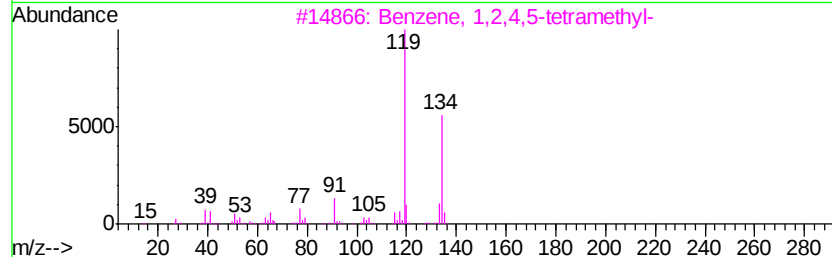
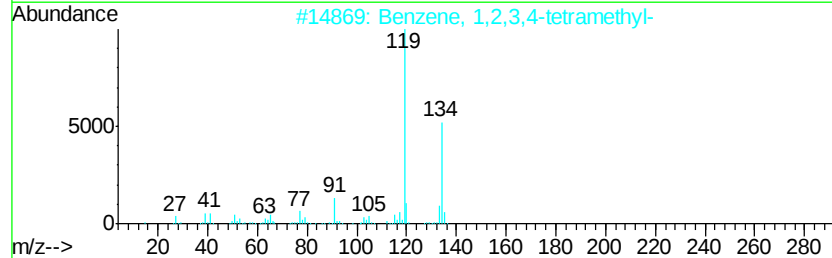
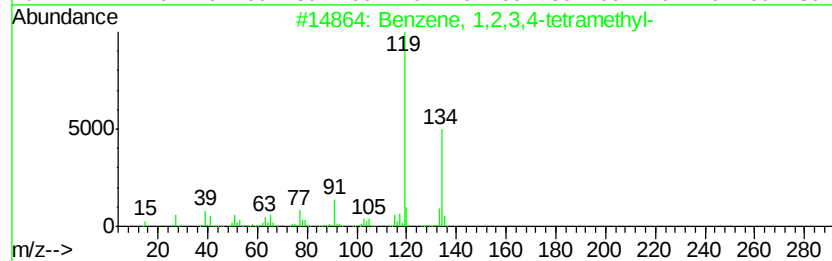
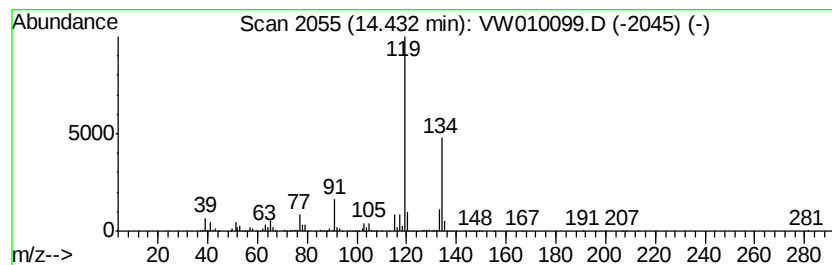
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Quant Title : VOC Analysis

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

Peak Number 17 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	21.27 ug/L	1896930	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010099.D
Acq On : 23 Apr 2019 15:33
Operator : SY/VA
Sample : K2456-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHP8

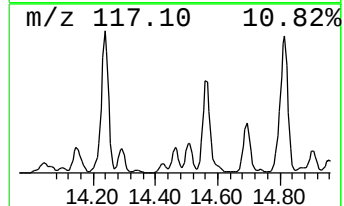
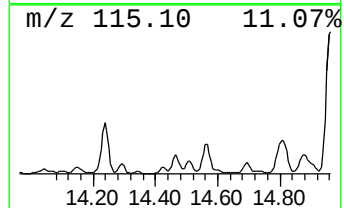
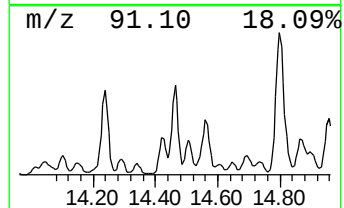
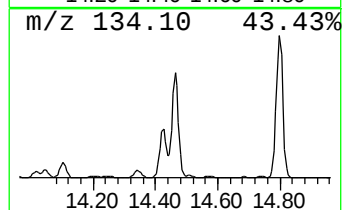
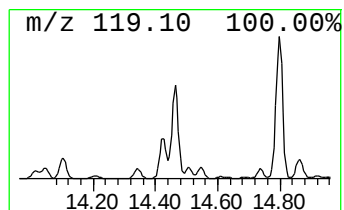
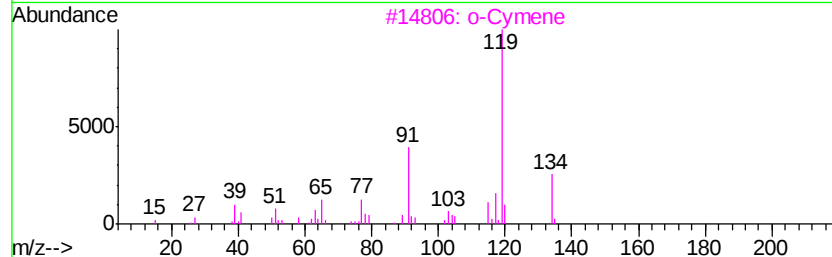
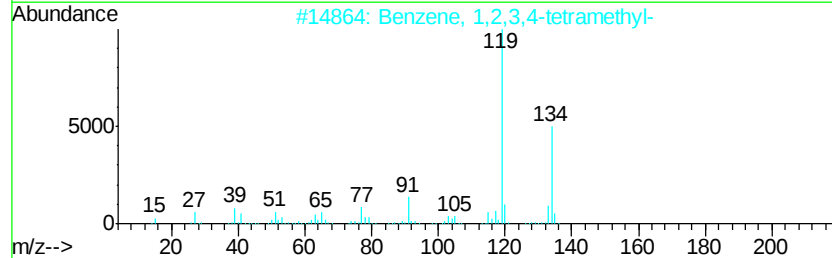
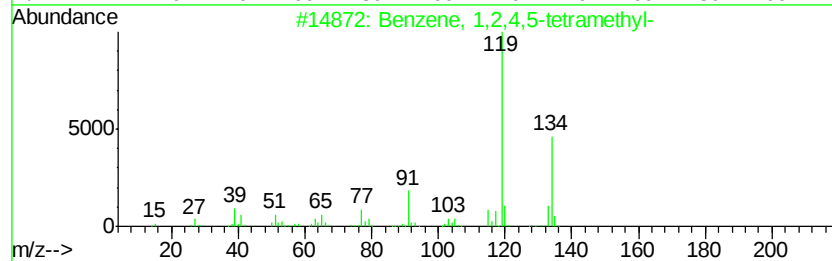
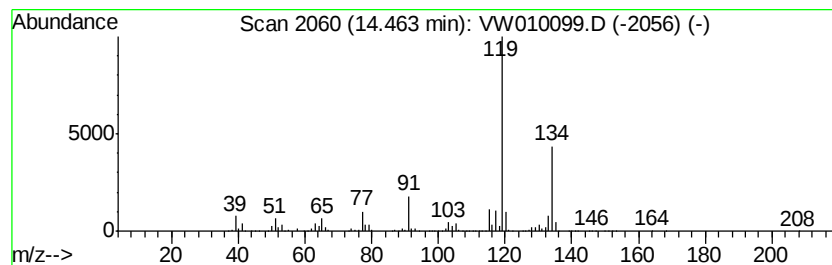
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Quant Title : VOC Analysis

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

Peak Number 18 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	45.93 ug/L	4095620	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	97
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3		o-Cymene	134	C10H14	000527-84-4	95
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010099.D
Acq On : 23 Apr 2019 15:33
Operator : SY/VA
Sample : K2456-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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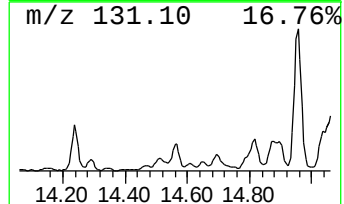
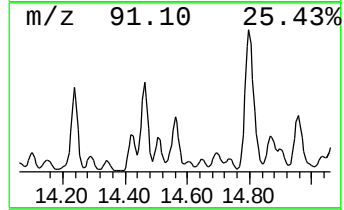
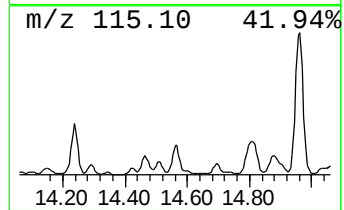
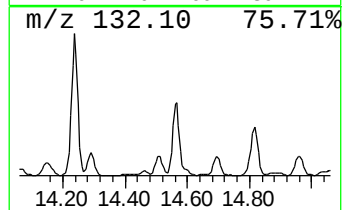
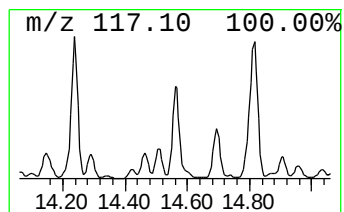
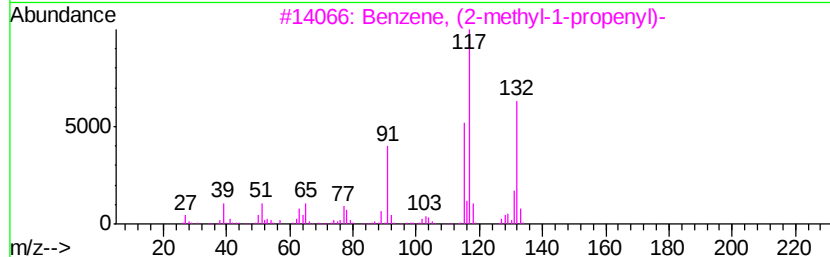
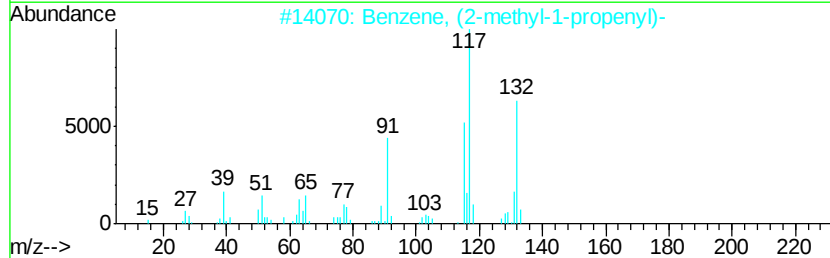
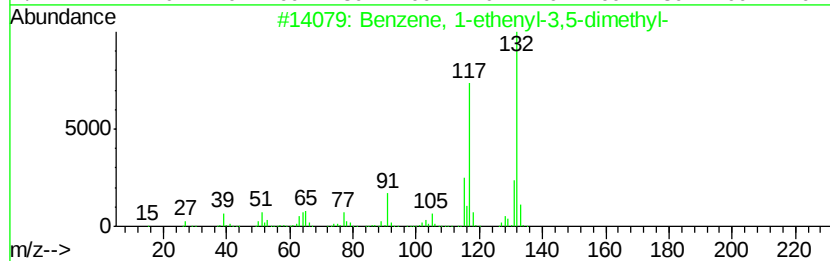
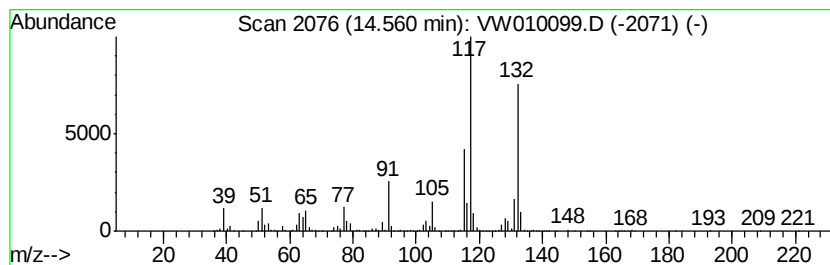
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Quant Title : VOC Analysis

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

Peak Number 20 Benzene, 1-ethenyl-3,5-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	31.57 ug/L	2815630	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	96
2		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
4		Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	95
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010099.D
Acq On : 23 Apr 2019 15:33
Operator : SY/VA
Sample : K2456-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHP8

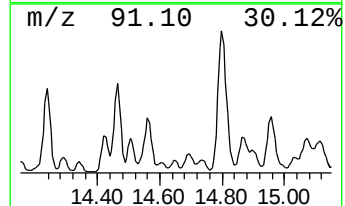
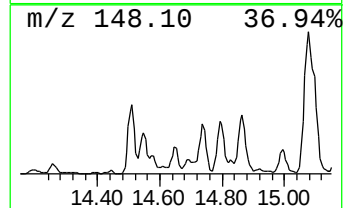
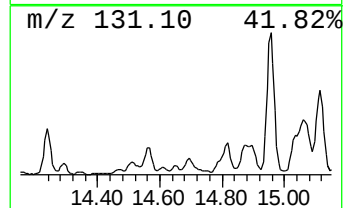
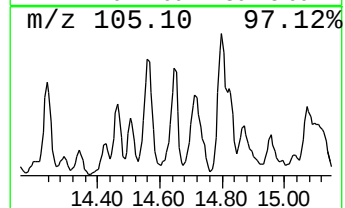
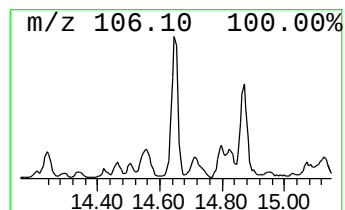
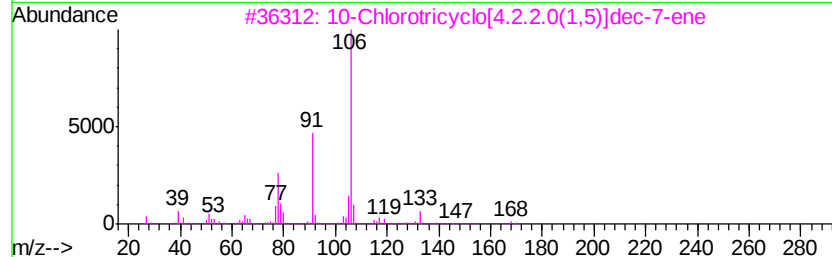
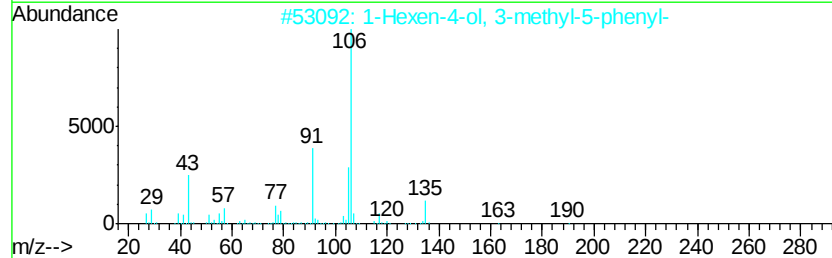
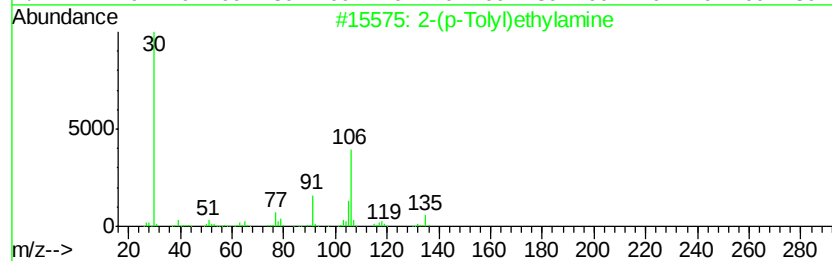
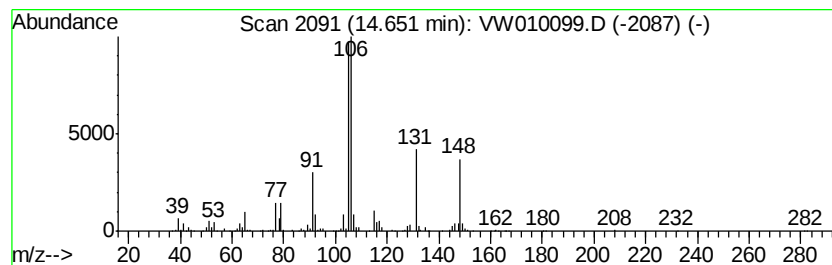
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Quant Title : VOC Analysis

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

Peak Number 21 unknown-02 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	2.43 ug/L	217014	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-(p-Tolyl)ethylamine	135	C9H13N	003261-62-9	47
2		1-Hexen-4-ol, 3-methyl-5-phenyl-	190	C13H18O	1000196-46-1	43
3		10-Chlorotricyclo[4.2.2.0(1,5)]d...	168	C10H13Cl	1000186-22-5	35
4		Benzenamine, N-propyl-	135	C9H13N	000622-80-0	27
5		Benzeneethanol, 4-amino-	137	C8H11NO	000104-10-9	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010099.D
Acq On : 23 Apr 2019 15:33
Operator : SY/VA
Sample : K2456-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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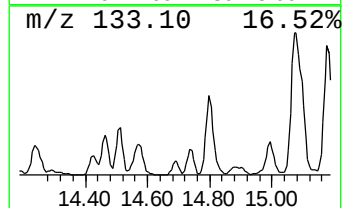
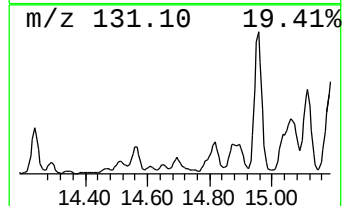
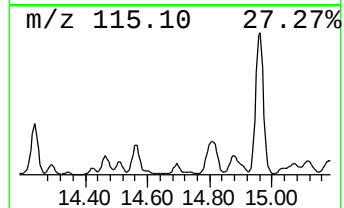
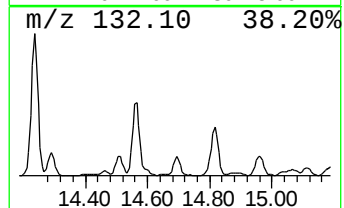
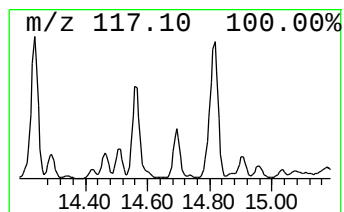
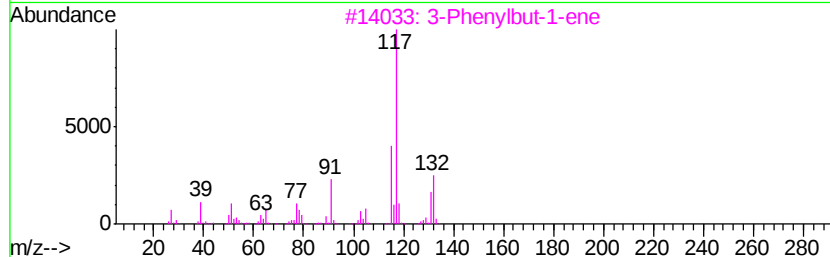
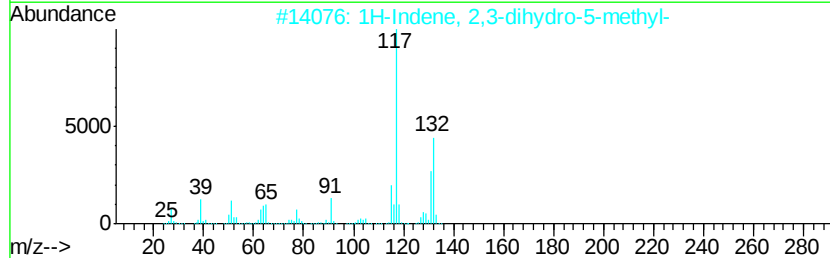
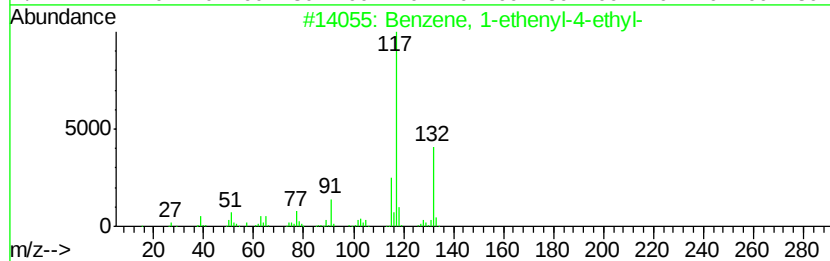
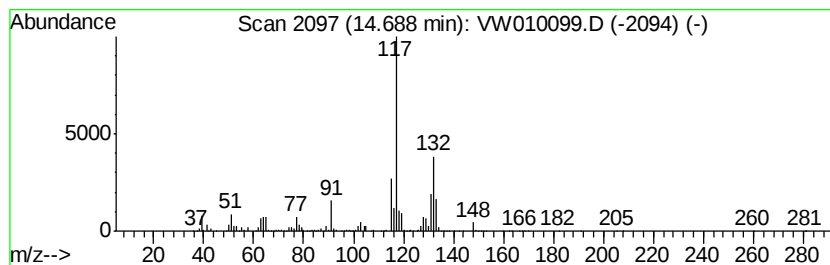
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Quant Title : VOC Analysis

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

Peak Number 22 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	12.23 ug/L	1090900	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010099.D
Acq On : 23 Apr 2019 15:33
Operator : SY/VA
Sample : K2456-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHP8

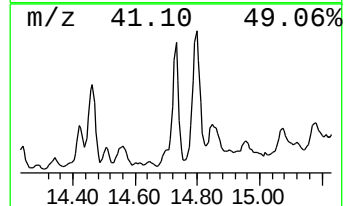
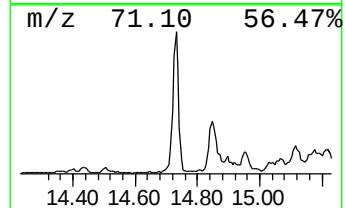
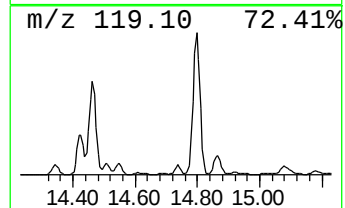
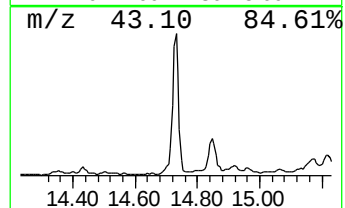
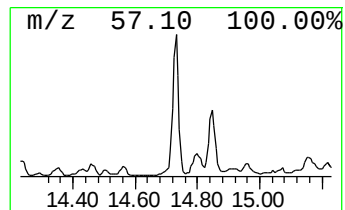
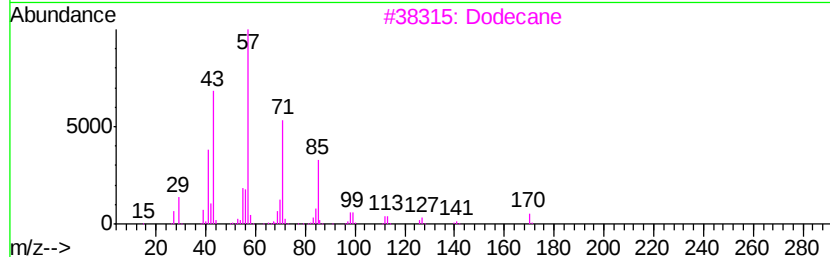
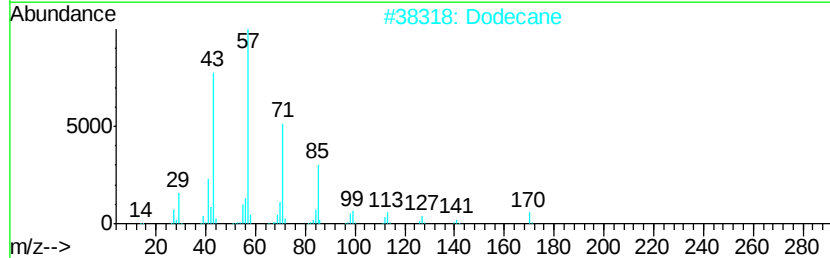
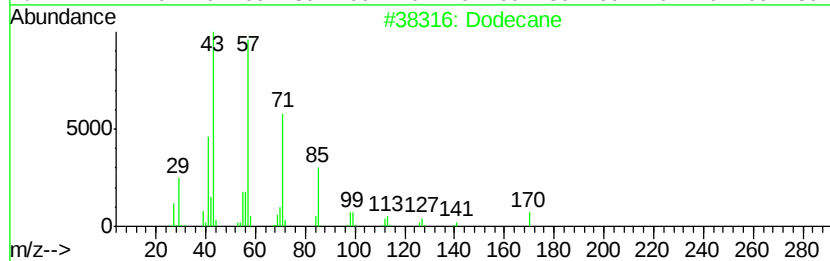
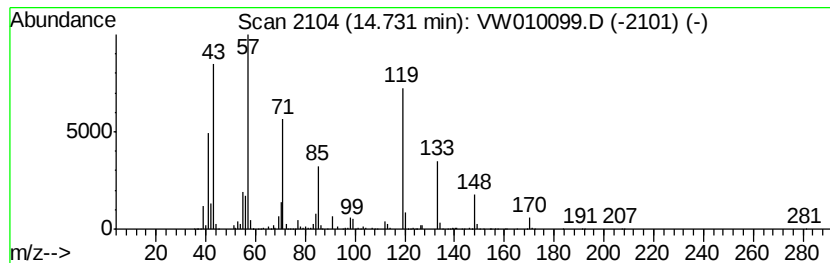
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Quant Title : VOC Analysis

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	14.18 ug/L	1264420	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	70
2		Dodecane	170	C12H26	000112-40-3	50
3		Dodecane	170	C12H26	000112-40-3	45
4		Hexadecane	226	C16H34	000544-76-3	43
5		Tridecane	184	C13H28	000629-50-5	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010099.D
Acq On : 23 Apr 2019 15:33
Operator : SY/VA
Sample : K2456-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHP8

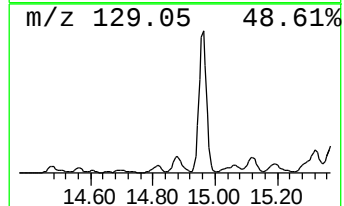
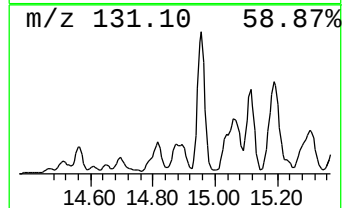
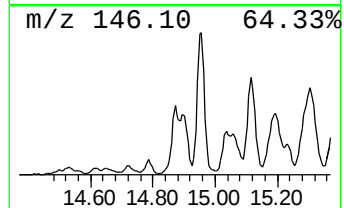
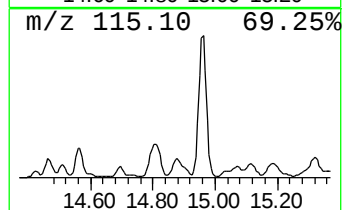
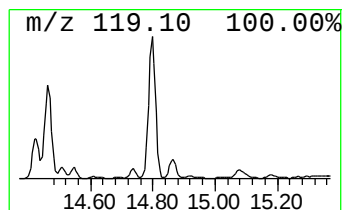
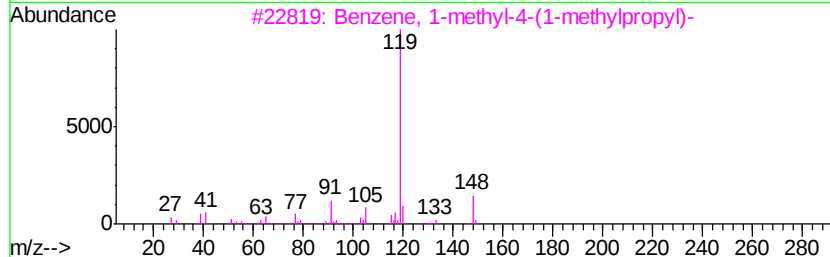
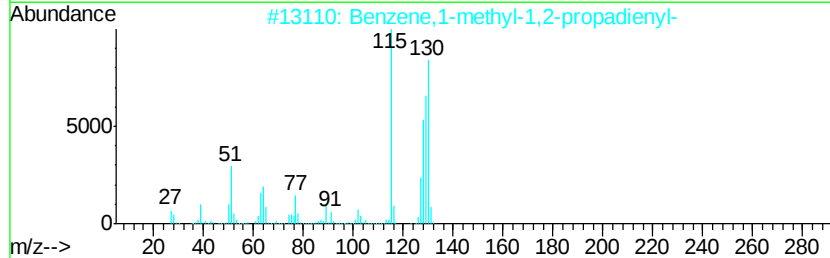
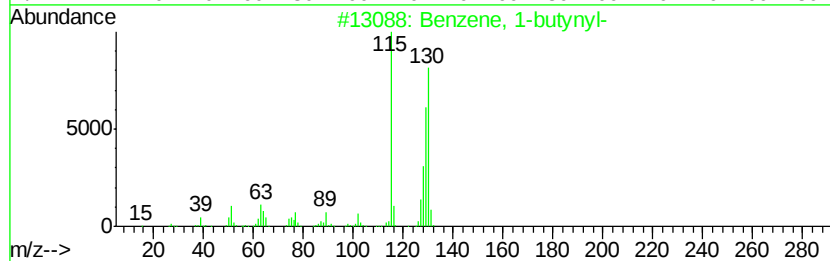
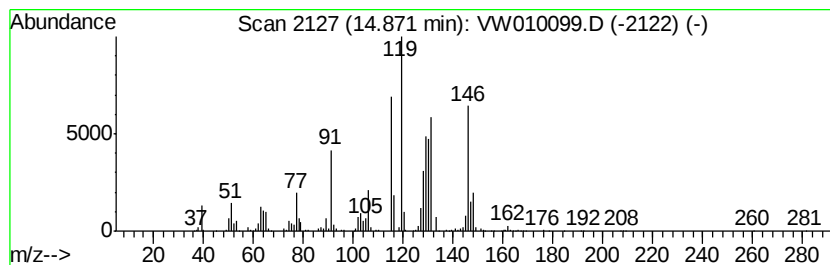
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Quant Title : VOC Analysis

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

Peak Number 25 unknown-03 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	28.61 ug/L	2551260	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	38
2		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	30
3		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	20
4		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	14
5		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	14



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010099.D
Acq On : 23 Apr 2019 15:33
Operator : SY/VA
Sample : K2456-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHP8

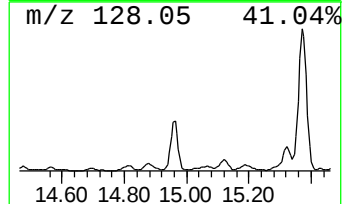
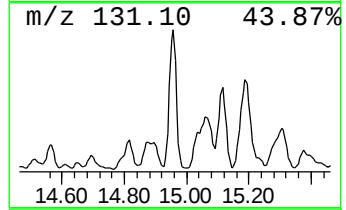
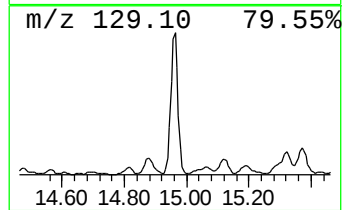
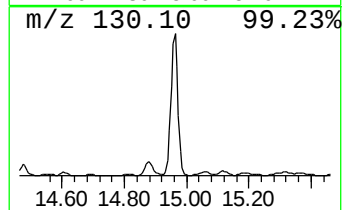
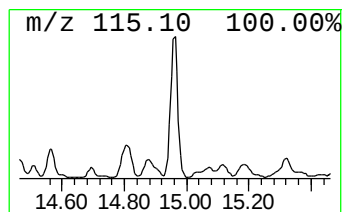
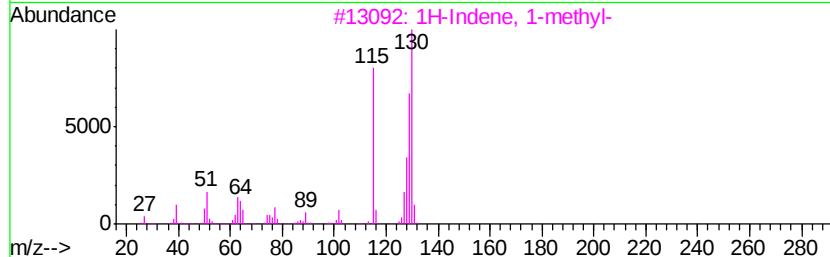
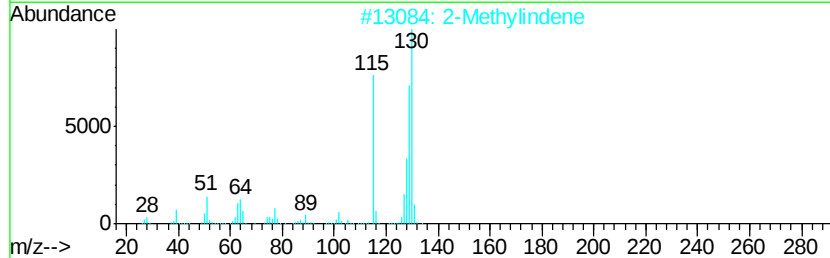
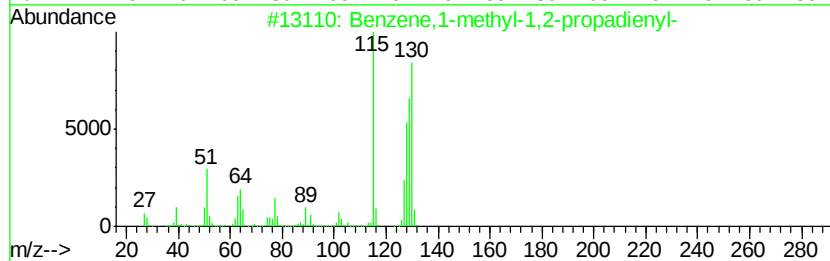
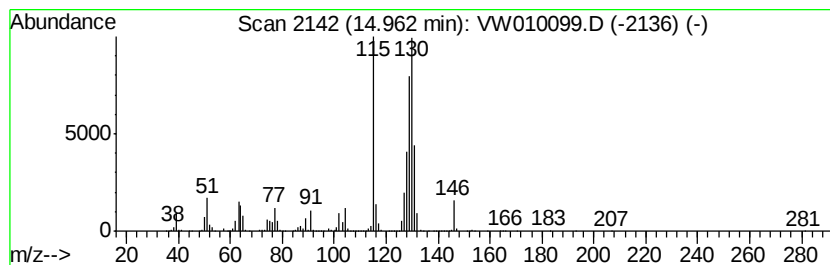
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Quant Title : VOC Analysis

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

Peak Number 26 Benzene,1-methyl-1,2-propad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	91.26 ug/L	8138180	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
2		2-Methylindene	130	C10H10	002177-47-1	92
3		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	92
4		Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	87
5		1H-Indene, 3-methyl-	130	C10H10	000767-60-2	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010099.D
Acq On : 23 Apr 2019 15:33
Operator : SY/VA
Sample : K2456-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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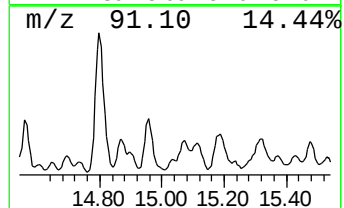
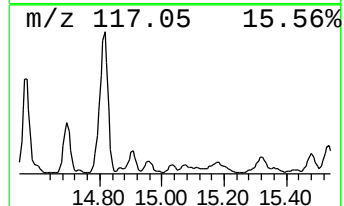
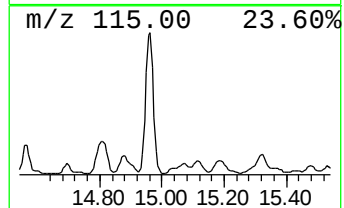
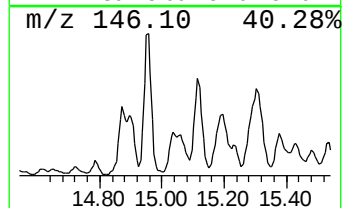
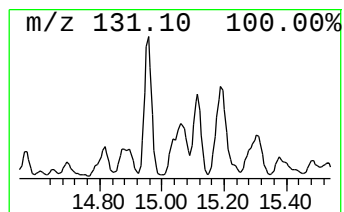
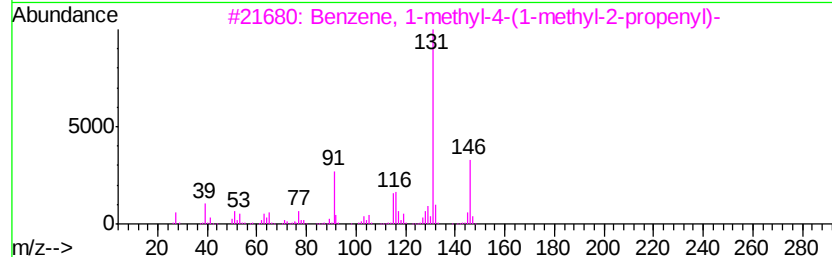
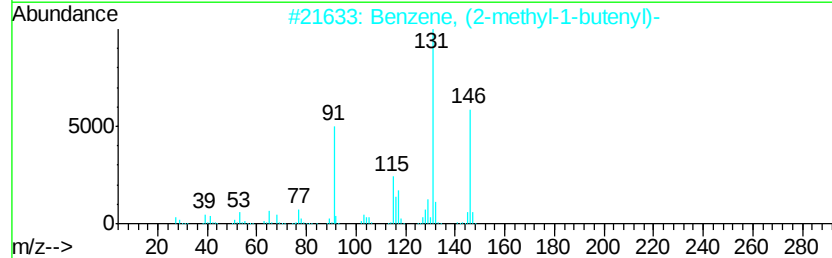
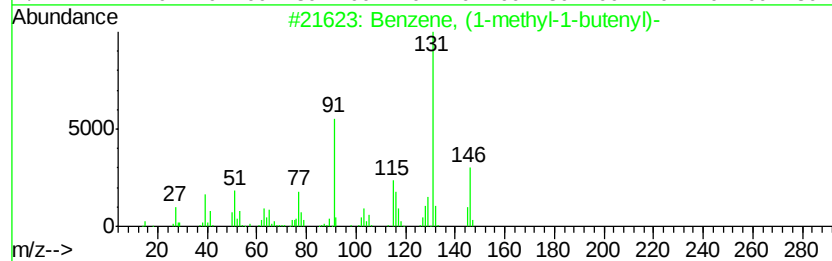
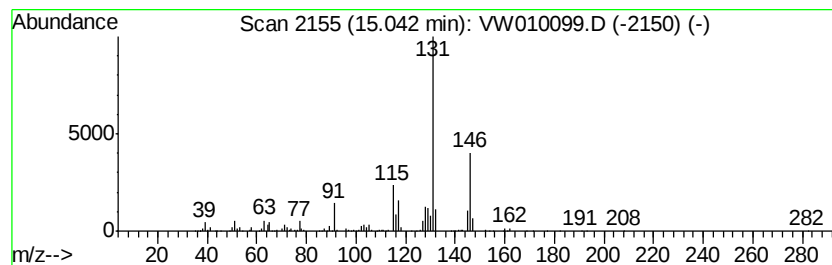
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Quant Title : VOC Analysis

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

Peak Number 27 Benzene, (1-methyl-1-butenyl)- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	4.97 ug/L	443185	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91
2		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	90
3		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	87
4		Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	87
5		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010099.D
Acq On : 23 Apr 2019 15:33
Operator : SY/VA
Sample : K2456-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHP8

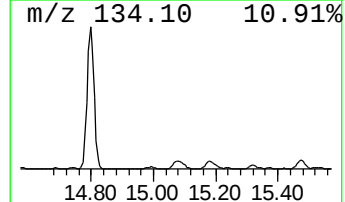
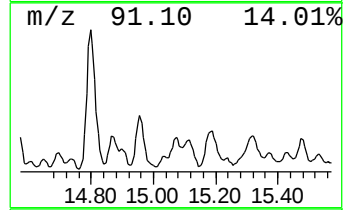
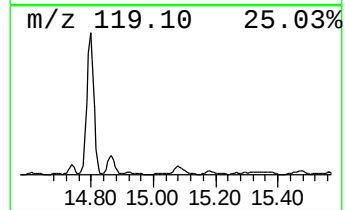
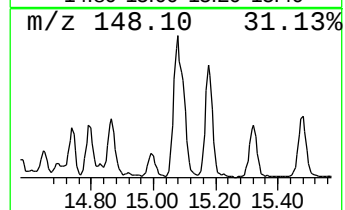
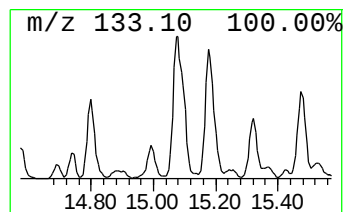
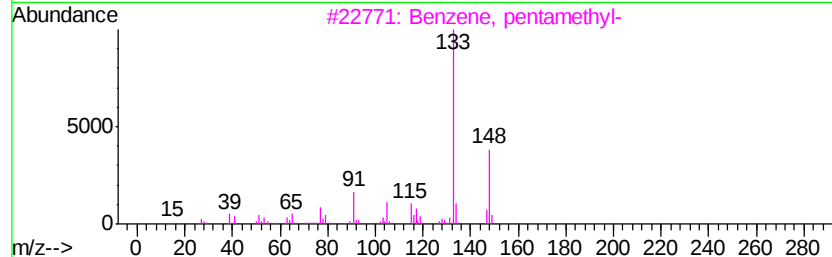
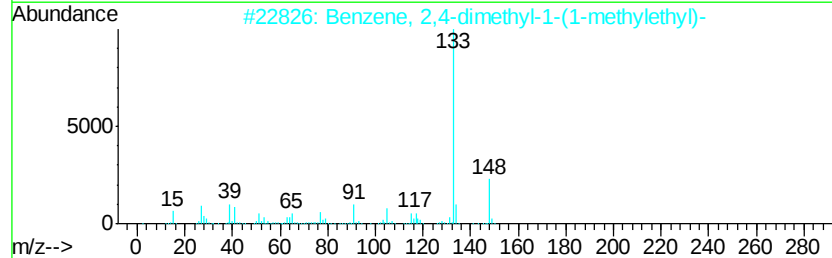
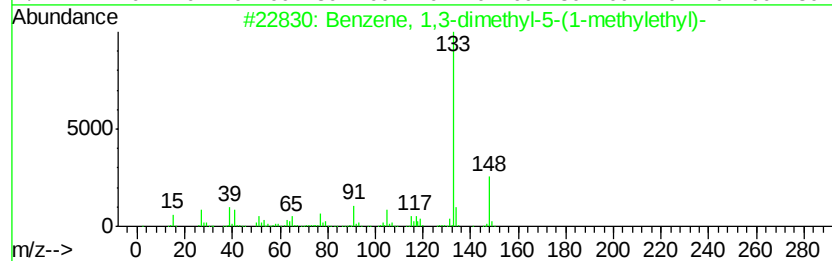
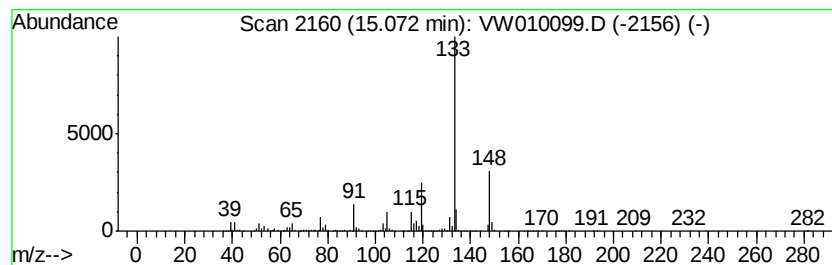
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Quant Title : VOC Analysis

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

Peak Number 28 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	15.02 ug/L	1339080	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-5-(1-methyl-...	148	C11H16	004706-90-5	90
2		Benzene, 2,4-dimethyl-1-(1-methyl-...	148	C11H16	004706-89-2	87
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	87
4		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	87
5		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010099.D
Acq On : 23 Apr 2019 15:33
Operator : SY/VA
Sample : K2456-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHP8

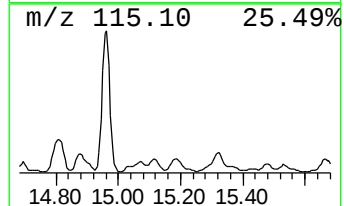
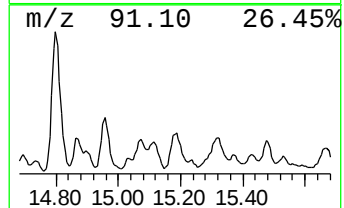
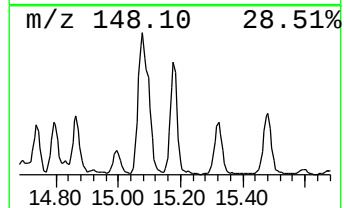
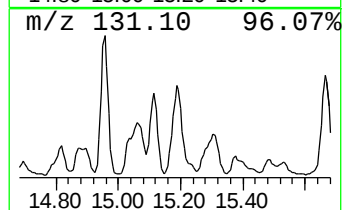
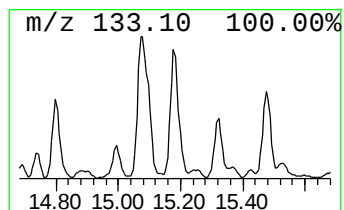
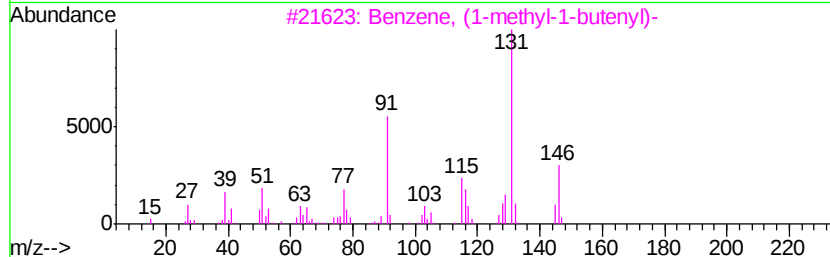
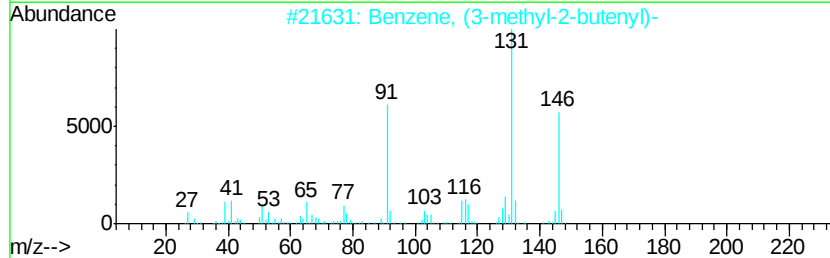
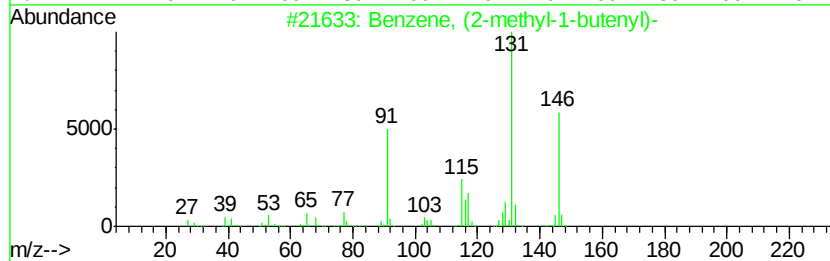
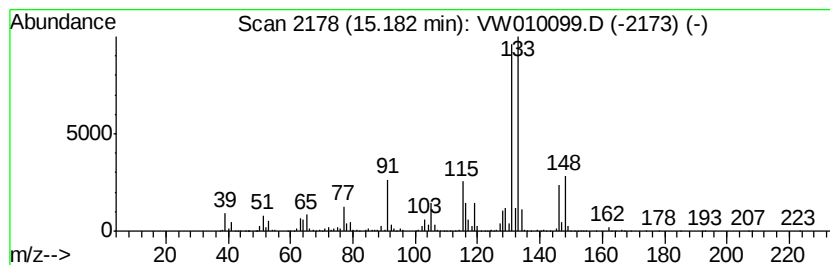
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Quant Title : VOC Analysis

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

Peak Number 29 Benzene, (2-methyl-1-butenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	34.40 ug/L	3068040	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	90
2		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
3		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
4		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64
5		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010099.D
Acq On : 23 Apr 2019 15:33
Operator : SY/VA
Sample : K2456-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHP8

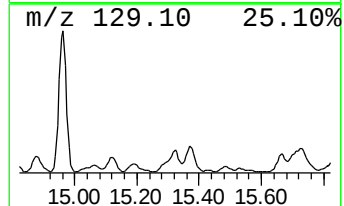
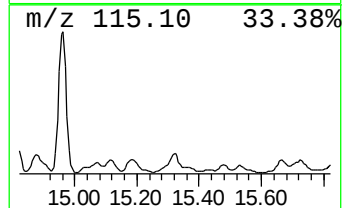
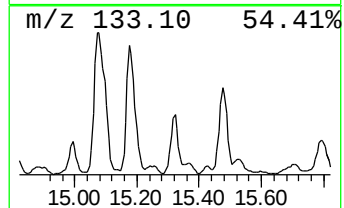
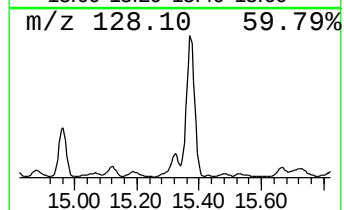
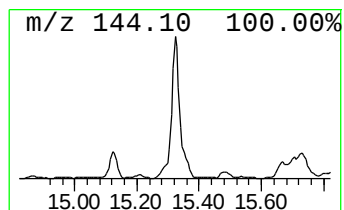
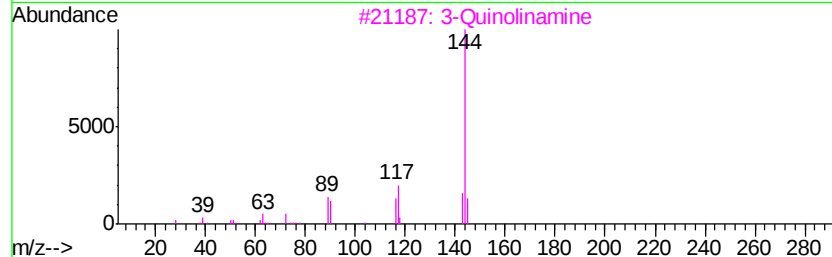
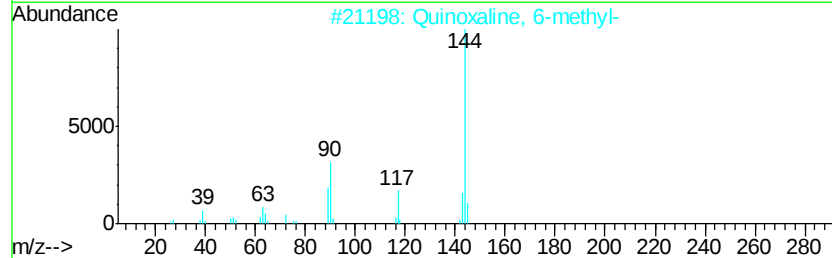
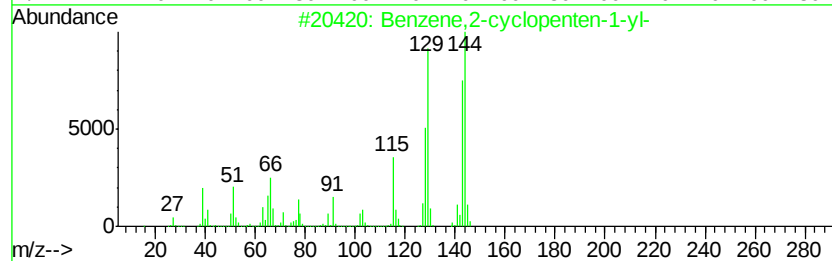
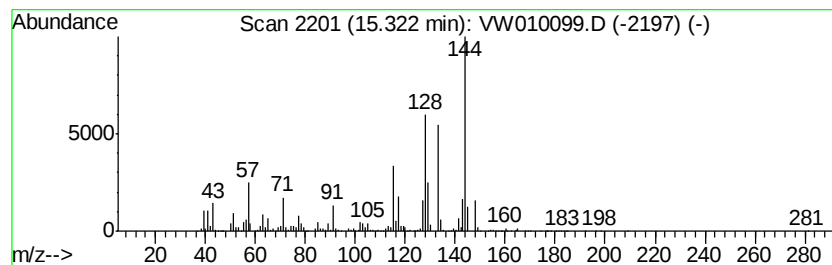
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Quant Title : VOC Analysis

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

Peak Number 30 Benzene,2-cyclopenten-1-yl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	23.24 ug/L	2072290	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene,2-cvclopenten-1-vl-	144	C11H12	037689-22-8	52
2		Quinoxaline, 6-methyl-	144	C9H8N2	006344-72-5	38
3		3-Quinolinamine	144	C9H8N2	000580-17-6	38
4		3-Quinolinamine	144	C9H8N2	000580-17-6	38
5		8-Quinolinamine	144	C9H8N2	000578-66-5	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010099.D
Acq On : 23 Apr 2019 15:33
Operator : SY/VA
Sample : K2456-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHP8

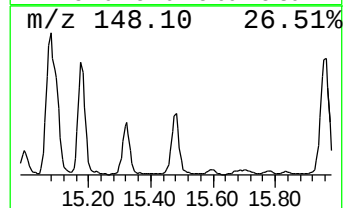
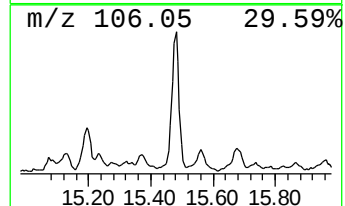
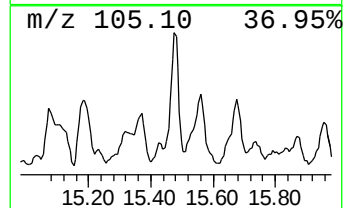
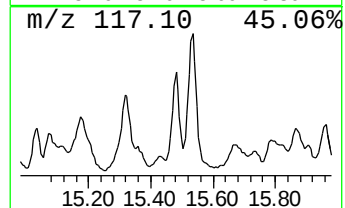
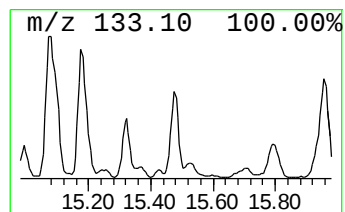
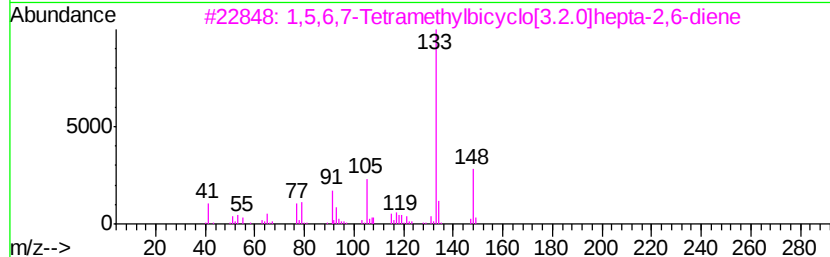
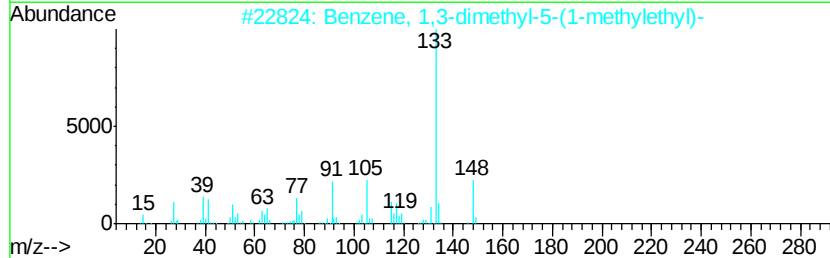
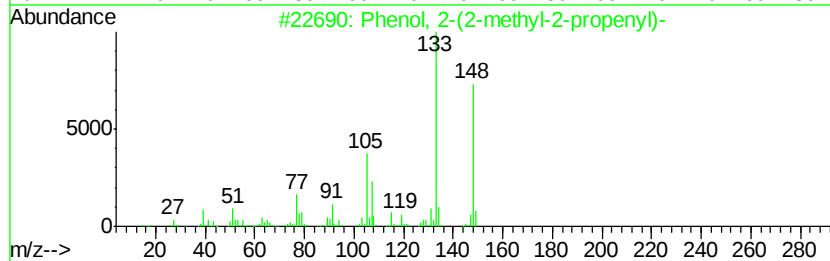
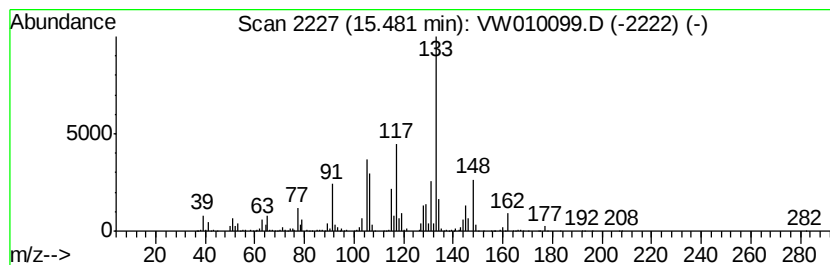
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Quant Title : VOC Analysis

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

Peak Number 32 unknown-04 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	14.41 ug/L	1285350	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-(2-methyl-2-propenyl)-	148	C10H12O	020944-88-1	46
2		Benzene, 1,3-dimethyl-5-(1-methyl-2-propenyl)-	148	C11H16	004706-90-5	46
3		1,5,6,7-Tetramethylbicyclo[3.2.0]hepta-2,6-diene	148	C11H16	134329-46-7	46
4		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	43
5		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010099.D
Acq On : 23 Apr 2019 15:33
Operator : SY/VA
Sample : K2456-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHP8

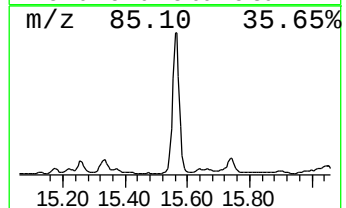
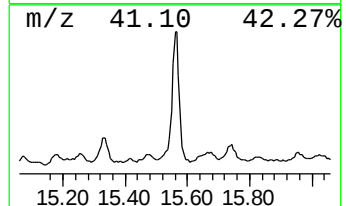
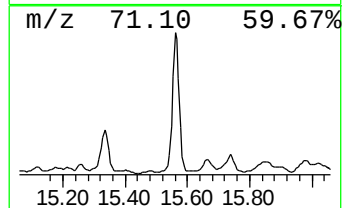
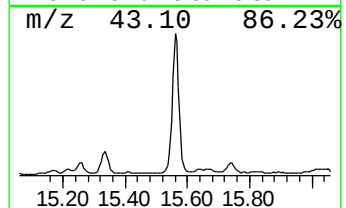
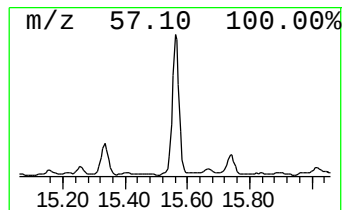
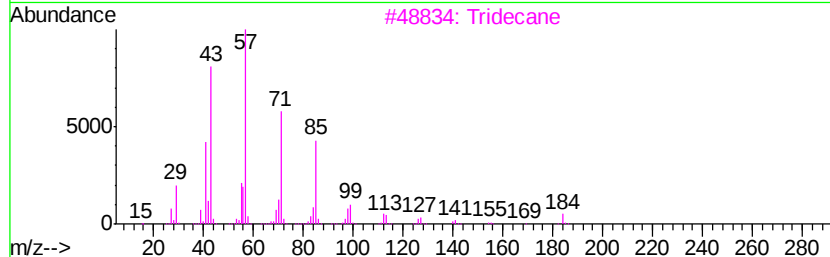
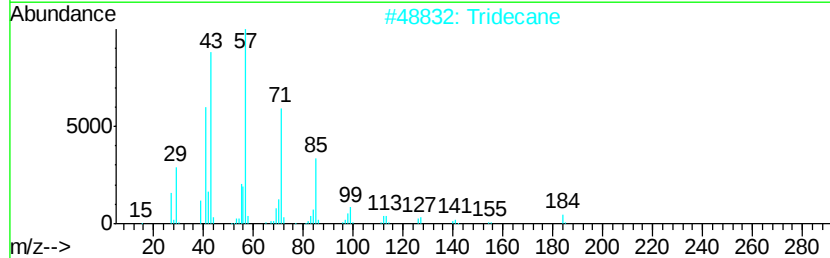
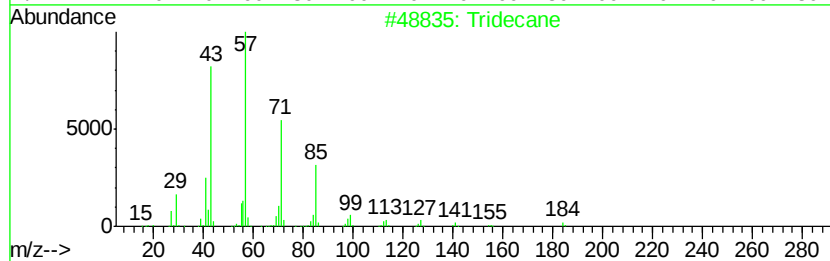
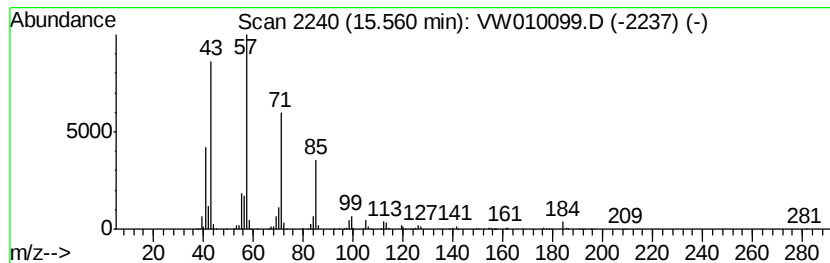
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Quant Title : VOC Analysis

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	36.46 ug/L	3251110	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	97
2		Tridecane	184	C13H28	000629-50-5	94
3		Tridecane	184	C13H28	000629-50-5	93
4		Tridecane	184	C13H28	000629-50-5	90
5		Tetradecane	198	C14H30	000629-59-4	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010099.D
Acq On : 23 Apr 2019 15:33
Operator : SY/VA
Sample : K2456-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

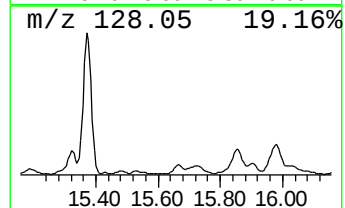
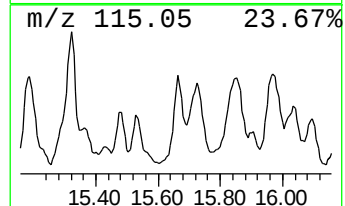
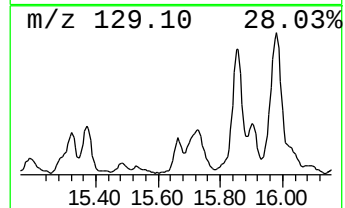
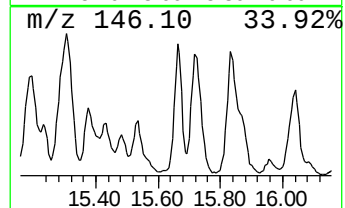
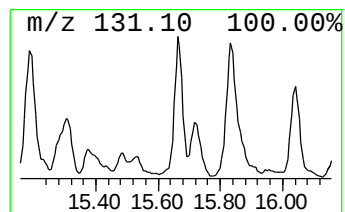
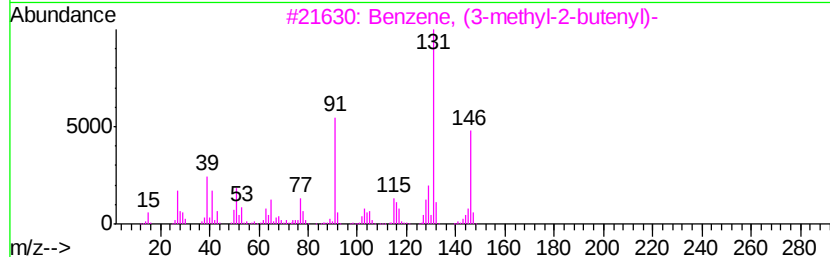
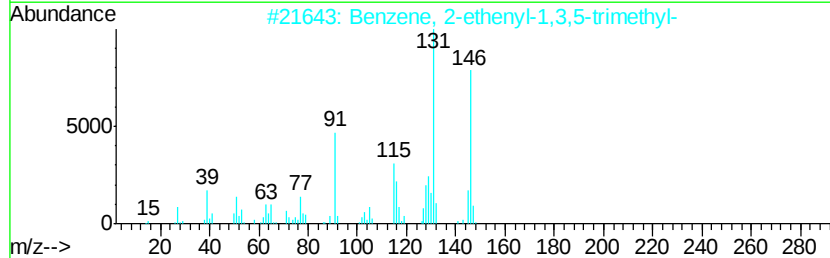
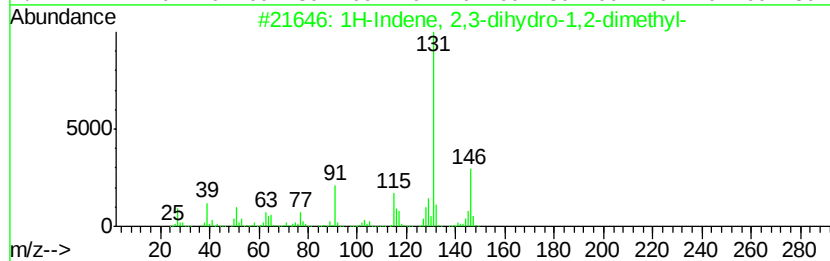
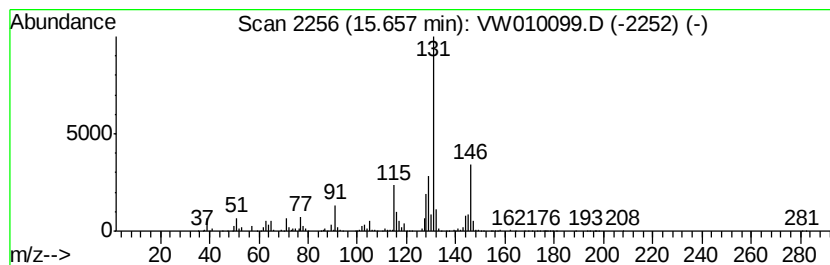
Instrument :
MSVOA_W
ClientSampleId :
GAHP8

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 34 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	23.53 ug/L	2098010	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Indene, 2,3-dihydro-1,2-dimet...	146 C11H14	017057-82-8 90
2		Benzene, 2-ethenyl-1,3,5-trimethyl-	146 C11H14	000769-25-5 87
3		Benzene, (3-methyl-2-butenyl)-	146 C11H14	004489-84-3 83
4		Benzene, (1,2-dimethyl-1-propenyl)-	146 C11H14	000769-57-3 81
5		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001559-81-5 80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010099.D
Acq On : 23 Apr 2019 15:33
Operator : SY/VA
Sample : K2456-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHP8

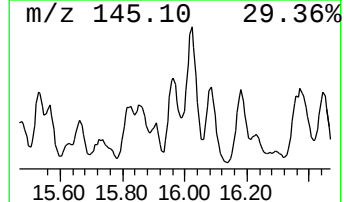
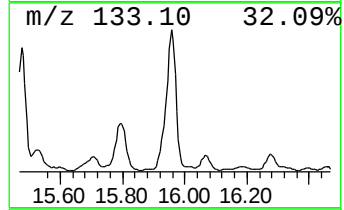
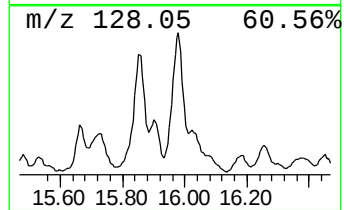
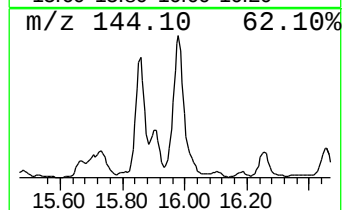
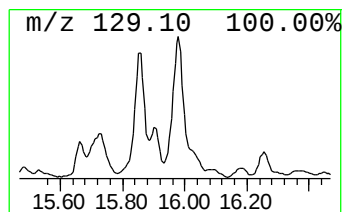
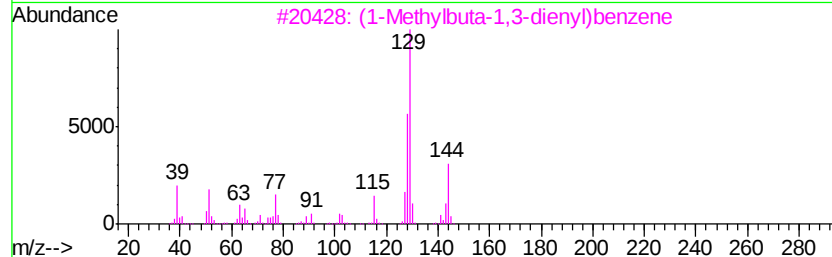
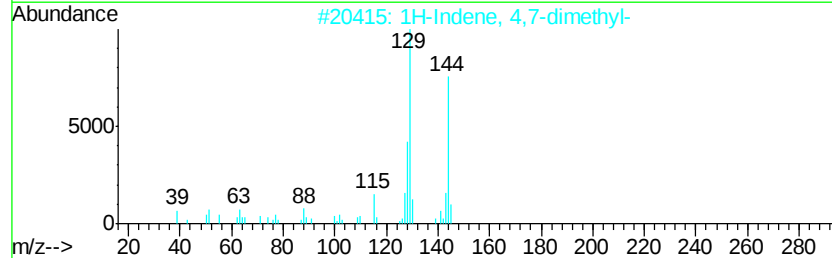
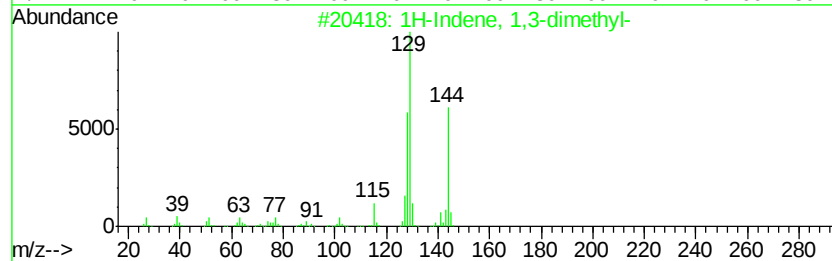
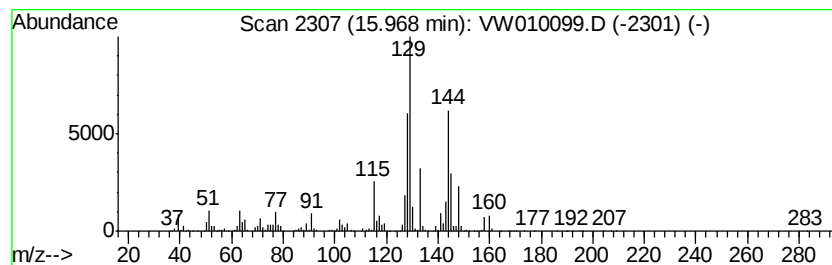
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Quant Title : VOC Analysis

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

Peak Number 35 1H-Indene, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	40.31 ug/L	3594380	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	93
2		1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	76
3		(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	76
4		Benzene, (2-cyclopropylethenyl)-	144	C11H12	1000142-01-6	76
5		1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010099.D
Acq On : 23 Apr 2019 15:33
Operator : SY/VA
Sample : K2456-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHP8

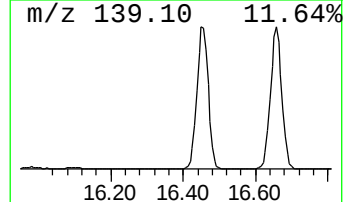
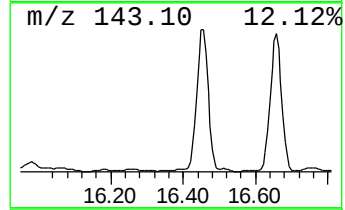
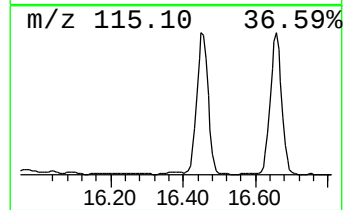
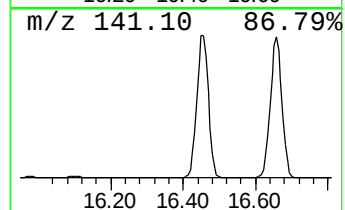
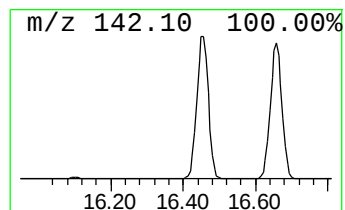
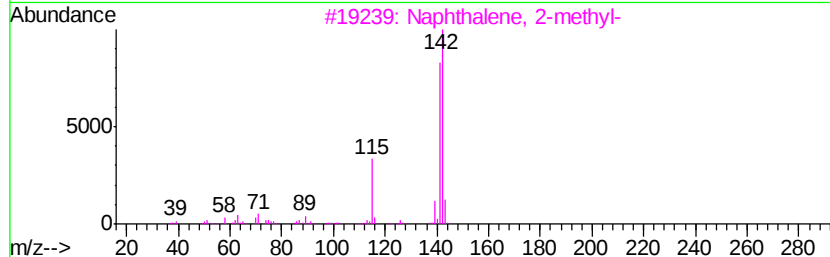
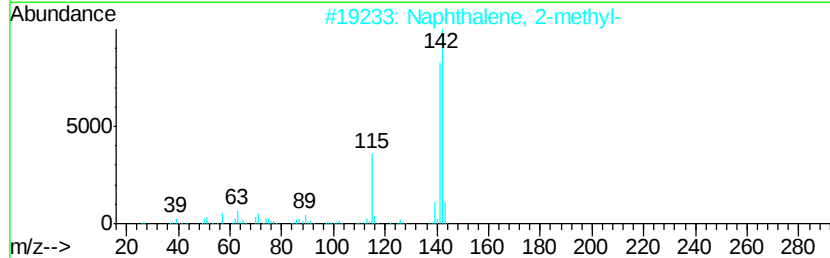
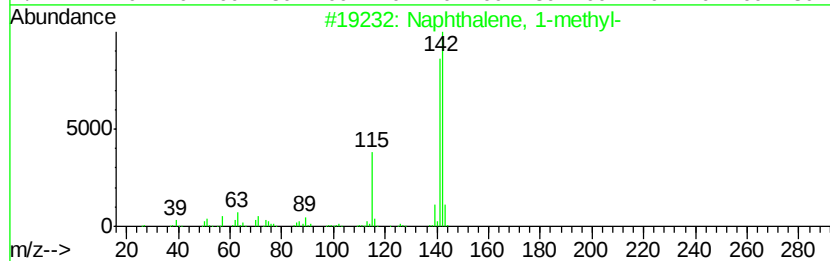
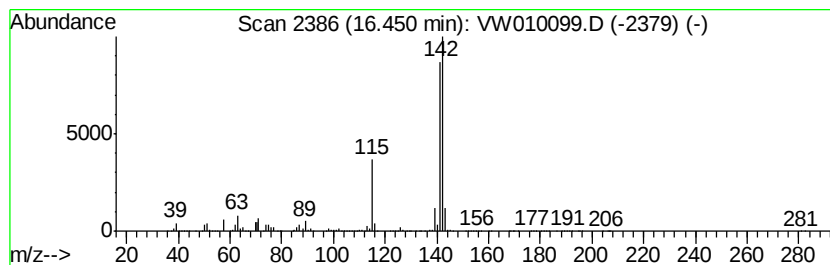
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Quant Title : VOC Analysis

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	478.83 ug/L	42701100	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, 2-methyl-	142	C11H10	000091-57-6	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042319\
 Data File : VW010099.D
 Acq On : 23 Apr 2019 15:33
 Operator : SY/VA
 Sample : K2456-10
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHP8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.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
Naphthalene, 1,5-...	12.90	4.1	ug/L	362421	3	13.56	2229440	25.0
Benzene, 2-propenyl-	13.30	3.0	ug/L	266655	3	13.56	2229440	25.0
Naphthalene, 1,6-...	13.47	2.0	ug/L	181873	3	13.56	2229440	25.0
Benzene, 1,2-diet...	13.72	1.7	ug/L	150593	3	13.56	2229440	25.0
unknown-01	13.76	2.1	ug/L	185589	3	13.56	2229440	25.0
Benzene, 2-ethyl-...	13.79	7.1	ug/L	629466	3	13.56	2229440	25.0
Indene	13.94	2.9	ug/L	258500	3	13.56	2229440	25.0
Benzene, 1-ethyl-...	14.10	6.6	ug/L	587740	3	13.56	2229440	25.0
Benzene, 1-methyl...	14.24	50.2	ug/L	4479400	3	13.56	2229440	25.0
2,4-Dimethylstyrene	14.29	7.5	ug/L	669379	3	13.56	2229440	25.0
Benzene, 2-ethyl-...	14.34	5.4	ug/L	481775	3	13.56	2229440	25.0
Benzene, 1,2,3,4-...	14.43	21.3	ug/L	1896930	3	13.56	2229440	25.0
Benzene, 1,2,4,5-...	14.46	45.9	ug/L	4095620	3	13.56	2229440	25.0
Benzene, 1-etheny...	14.56	31.6	ug/L	2815630	3	13.56	2229440	25.0
unknown-02	14.65	2.4	ug/L	217014	3	13.56	2229440	25.0
Benzene, 1-etheny...	14.69	12.2	ug/L	1090900	3	13.56	2229440	25.0
(DEL) Alkane: Str...	14.73	14.2	ug/L	1264420	3	13.56	2229440	25.0
unknown-03	14.87	28.6	ug/L	2551260	3	13.56	2229440	25.0
Benzene, 1-methyl-...	14.96	91.3	ug/L	8138180	3	13.56	2229440	25.0
Benzene, (1-methy...	15.04	5.0	ug/L	443185	3	13.56	2229440	25.0
Benzene, 1,3-dime...	15.07	15.0	ug/L	1339080	3	13.56	2229440	25.0
Benzene, (2-methy...	15.18	34.4	ug/L	3068040	3	13.56	2229440	25.0
Benzene, 2-cyclope...	15.32	23.2	ug/L	2072290	3	13.56	2229440	25.0
unknown-04	15.48	14.4	ug/L	1285350	3	13.56	2229440	25.0
(DEL) Alkane: Str...	15.56	36.5	ug/L	3251110	3	13.56	2229440	25.0
1H-Indene, 2,3-di...	15.66	23.5	ug/L	2098010	3	13.56	2229440	25.0
1H-Indene, 1,3-di...	15.97	40.3	ug/L	3594380	3	13.56	2229440	25.0
Naphthalene, 1-me...	16.45	478.8	ug/L	42701100	3	13.56	2229440	25.0