

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016072.D
 Acq On : 07 Aug 2020 12:59
 Operator : SY/VA
 Sample : L3579-09
 Misc : 6.29G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWP4

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\SOM2WLM072020S.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	2.147	38	40	44	rBV4	659	979	0.00%	0.002%
2	2.355	67	74	87	rBV	49609	104602	0.33%	0.198%
3	2.726	133	135	137	rBV3	722	781	0.00%	0.001%
4	2.891	155	162	176	rVB	37331	96706	0.31%	0.183%
5	4.013	334	346	363	rBV	100394	313474	0.99%	0.594%
6	4.373	397	405	409	rBV3	296	710	0.00%	0.001%
7	4.488	419	424	426	rBV	240	385	0.00%	0.001%
8	4.555	433	435	440	rVB2	195	313	0.00%	0.001%
9	4.915	483	494	505	rBV2	8968	29827	0.09%	0.057%
10	5.427	577	578	582	rVV2	281	281	0.00%	0.001%
11	5.939	653	662	671	rVV3	2835	7839	0.02%	0.015%
12	7.092	840	851	857	rBV	22340	60290	0.19%	0.114%
13	7.171	857	864	880	rVV	67019	180067	0.57%	0.341%
14	7.652	931	943	958	rBV	163224	399076	1.26%	0.757%
15	7.951	986	992	996	rVB2	521	998	0.00%	0.002%
16	8.280	1035	1046	1063	rBV2	314186	921581	2.92%	1.747%
17	8.463	1074	1076	1080	rVB2	238	336	0.00%	0.001%
18	8.695	1107	1114	1116	rBV3	306	548	0.00%	0.001%
19	8.847	1127	1139	1152	rBV	401886	804332	2.55%	1.525%
20	8.939	1152	1154	1164	rVB3	455	655	0.00%	0.001%
21	9.091	1171	1179	1190	rBV	372868	741072	2.35%	1.405%
22	9.274	1201	1209	1220	rBV	210948	428489	1.36%	0.812%
23	9.664	1269	1273	1279	rBV2	991	1699	0.01%	0.003%
24	10.036	1327	1334	1344	rBV	108505	195742	0.62%	0.371%
25	10.128	1346	1349	1355	rVB5	751	1328	0.00%	0.003%
26	10.213	1362	1363	1369	rVB2	290	346	0.00%	0.001%
27	10.329	1373	1382	1390	rBV	452582	808544	2.56%	1.533%
28	10.579	1416	1423	1434	rBV	67860	118923	0.38%	0.225%
29	10.707	1438	1444	1450	rBV2	2342	4274	0.01%	0.008%
30	10.756	1450	1452	1456	rVB3	276	388	0.00%	0.001%
31	10.865	1461	1470	1477	rBV	17677866	31550004	100.00%	59.817%
32	10.926	1477	1480	1495	rVB	93526	161051	0.51%	0.305%
33	11.194	1520	1524	1526	rBV4	1075	1682	0.01%	0.003%
34	11.280	1531	1538	1545	rBV5	1800	4311	0.01%	0.008%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Title : VOC Analysis

35	11.335	1545	1547	1551	rVV4	384	431	0.00%	0.001%
36	11.408	1557	1559	1568	rVB4	1363	2110	0.01%	0.004%
37	11.518	1572	1577	1583	rBV5	1440	2891	0.01%	0.005%
38	11.633	1588	1596	1604	rBV	543441	920275	2.92%	1.745%
39	11.847	1624	1631	1634	rBV4	1364	2853	0.01%	0.005%
40	11.877	1634	1636	1640	rVB3	1149	1479	0.00%	0.003%
41	11.920	1640	1643	1644	rBV2	260	291	0.00%	0.001%
42	11.975	1648	1652	1654	rBV4	1223	1727	0.01%	0.003%
43	12.017	1654	1659	1665	rVB3	5131	8187	0.03%	0.016%
44	12.109	1665	1674	1680	rBV3	10733	23604	0.07%	0.045%
45	12.158	1680	1682	1684	rBV3	433	375	0.00%	0.001%
46	12.176	1684	1685	1692	rVB5	872	996	0.00%	0.002%
47	12.255	1696	1698	1701	rBV3	330	351	0.00%	0.001%
48	12.298	1701	1705	1707	rBV4	935	1262	0.00%	0.002%
49	12.347	1709	1713	1722	rVB8	3978	8790	0.03%	0.017%
50	12.438	1722	1728	1730	rBV2	34971	56091	0.18%	0.106%
51	12.475	1730	1734	1739	rVB	76186	116633	0.37%	0.221%
52	12.524	1739	1742	1750	rVB6	13958	21820	0.07%	0.041%
53	12.615	1752	1757	1764	rBV3	20143	38629	0.12%	0.073%
54	12.694	1764	1770	1781	rVB	221414	420040	1.33%	0.796%
55	12.786	1781	1785	1789	rVB3	3106	4685	0.01%	0.009%
56	12.871	1790	1799	1801	rBV2	27511	45456	0.14%	0.086%
57	12.908	1801	1805	1810	rBV3	88415	142392	0.45%	0.270%
58	13.060	1821	1830	1842	rVB2	526263	1041929	3.30%	1.975%
59	13.164	1842	1847	1851	rBV4	10741	18758	0.06%	0.036%
60	13.255	1857	1862	1872	rVB2	49903	91006	0.29%	0.173%
61	13.347	1873	1877	1878	rBV3	2749	3488	0.01%	0.007%
62	13.395	1879	1885	1890	rVV	94539	147146	0.47%	0.279%
63	13.468	1890	1897	1906	rVV2	692263	1215309	3.85%	2.304%
64	13.560	1906	1912	1923	rVB2	585027	1047924	3.32%	1.987%
65	13.651	1923	1927	1932	rVB2	10066	15553	0.05%	0.029%
66	13.718	1932	1938	1940	rBV	125347	189560	0.60%	0.359%
67	13.749	1940	1943	1946	rVV	311648	492885	1.56%	0.934%
68	13.792	1946	1950	1956	rVV2	587397	1081618	3.43%	2.051%
69	13.853	1956	1960	1970	rVB	394639	716429	2.27%	1.358%
70	13.950	1970	1976	1981	rBV	178371	263108	0.83%	0.499%
71	14.011	1981	1986	1988	rBV	368803	537221	1.70%	1.019%

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72	14.042	1988	1991	1995	rVV	383233	564274	1.79%	1.070%
73	14.096	1995	2000	2007	rVB	828459	1248171	3.96%	2.366%
74	14.206	2007	2018	2023	rBV2	144769	272841	0.86%	0.517%
75	14.255	2023	2026	2027	rBV	11113	12608	0.04%	0.024%
76	14.340	2034	2040	2045	rVB	200575	299804	0.95%	0.568%
77	14.419	2045	2053	2056	rVV	605860	951566	3.02%	1.804%
78	14.456	2056	2059	2064	rVV	866884	1309040	4.15%	2.482%
79	14.499	2064	2066	2070	rVV	211097	305982	0.97%	0.580%
80	14.541	2070	2073	2080	rVV	126154	192726	0.61%	0.365%
81	14.602	2080	2083	2086	rVV	28380	43484	0.14%	0.082%
82	14.645	2086	2090	2093	rVV	59981	91045	0.29%	0.173%
83	14.688	2093	2097	2101	rVV	238232	387816	1.23%	0.735%
84	14.730	2101	2104	2109	rVV	122361	178407	0.57%	0.338%
85	14.797	2109	2115	2122	rVV2	422727	1022367	3.24%	1.938%
86	14.858	2122	2125	2131	rVB	75217	106667	0.34%	0.202%
87	14.962	2138	2142	2143	rBV2	4416	5998	0.02%	0.011%
88	14.986	2144	2146	2153	rVV	7579	12126	0.04%	0.023%
89	15.072	2154	2160	2172	rVB	34526	78437	0.25%	0.149%
90	15.175	2172	2177	2182	rBV2	5794	9696	0.03%	0.018%
91	15.249	2186	2189	2194	rVB3	1600	2701	0.01%	0.005%
92	15.371	2204	2209	2214	rBV	4736	7960	0.03%	0.015%
93	15.492	2223	2229	2236	rBV	5801	10939	0.03%	0.021%
94	15.596	2245	2246	2248	rBV	403	332	0.00%	0.001%
95	15.663	2255	2257	2260	rVB2	347	365	0.00%	0.001%
96	15.755	2270	2272	2276	rVB4	476	394	0.00%	0.001%
97	15.791	2276	2278	2280	rBV3	1063	1216	0.00%	0.002%
98	15.852	2286	2288	2290	rBV3	327	310	0.00%	0.001%
99	15.968	2303	2307	2310	rBV3	809	1588	0.01%	0.003%
100	16.651	2416	2419	2422	rBV2	336	307	0.00%	0.001%

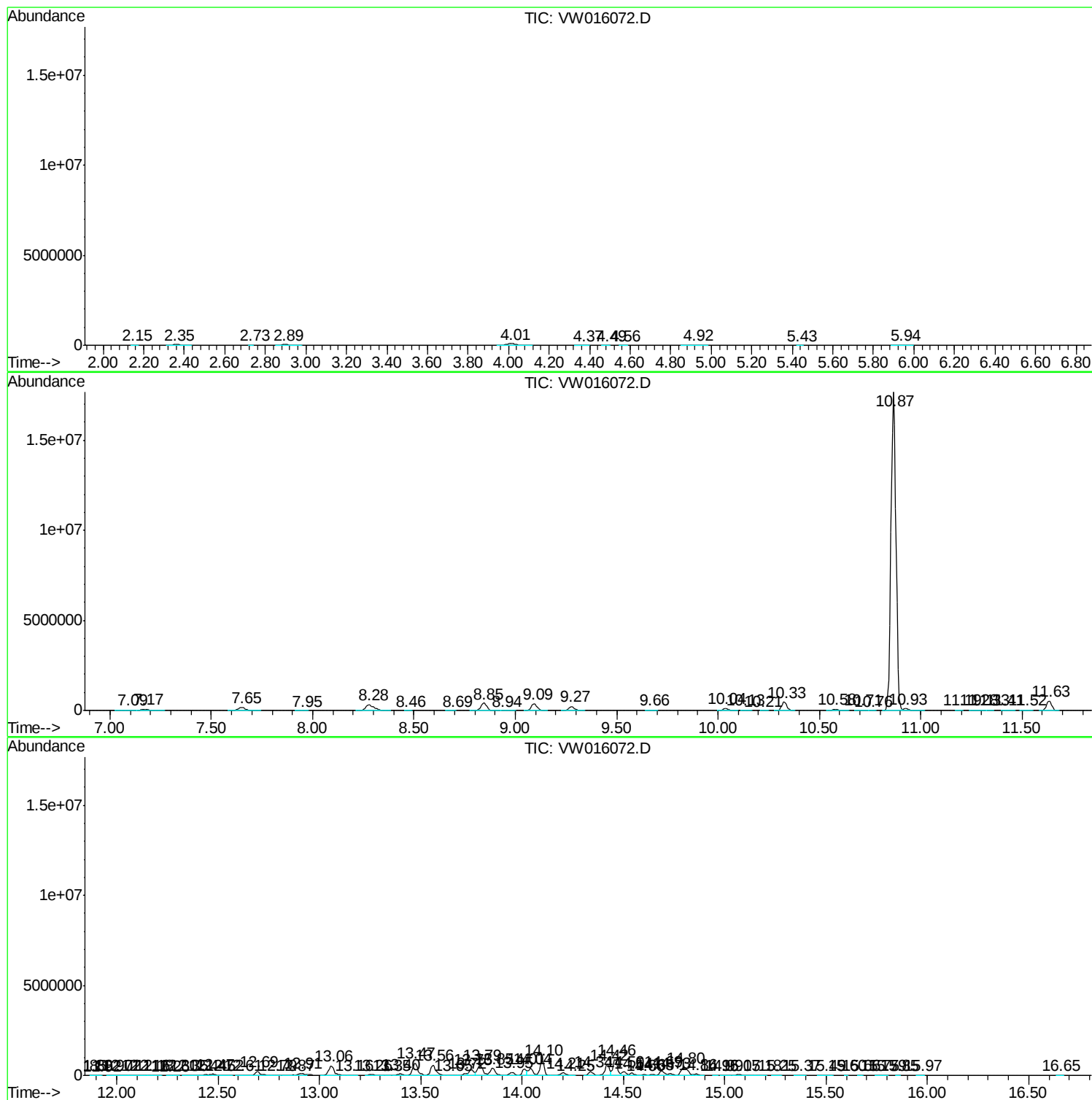
Sum of corrected areas: 52744102

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BFWP4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

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



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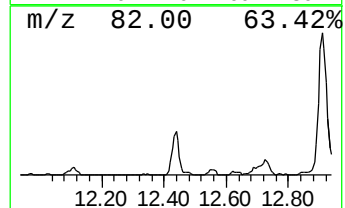
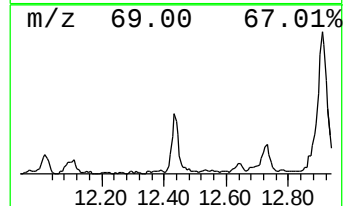
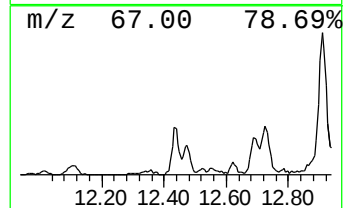
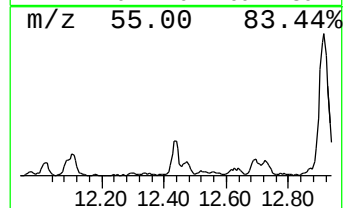
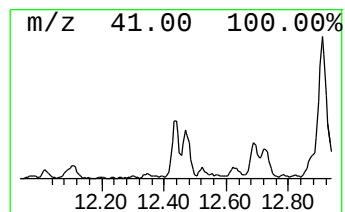
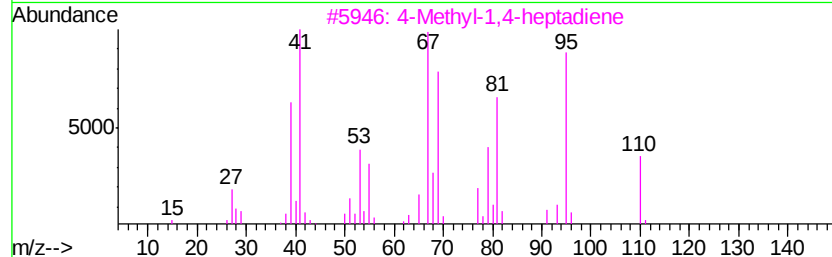
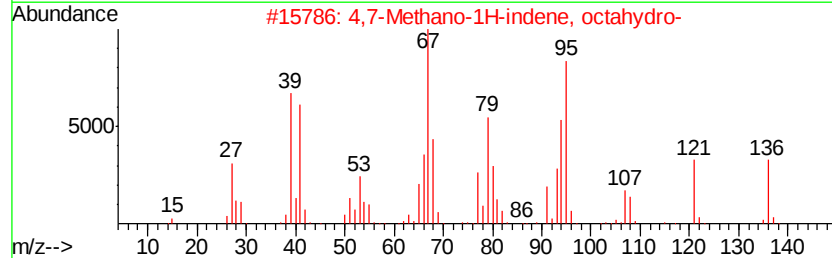
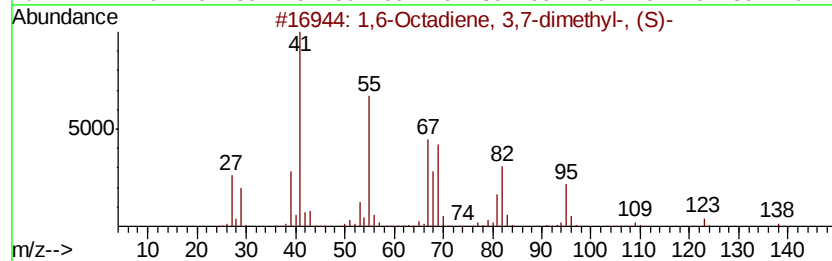
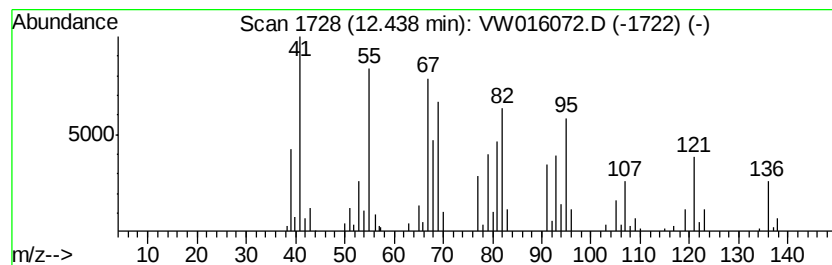
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

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

Peak Number 2 1,6-Octadiene, 3,7-dimethyl... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	1.52 ug/L	56091	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,6-Octadiene, 3,7-dimethyl-, (S)-	138	C10H18	010281-55-7	60
2		4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	52
3		4-Methyl-1,4-heptadiene	110	C8H14	013857-55-1	43
4		R(-)3,7-Dimethyl-1,6-octadiene	138	C10H18	010281-56-8	41
5		Cyclohexane, cyclopropylidene-	122	C9H14	014114-06-8	38



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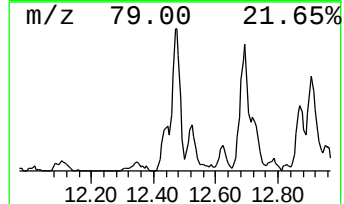
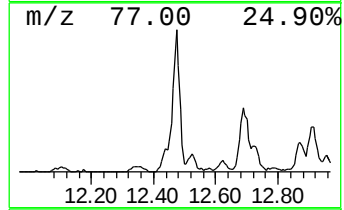
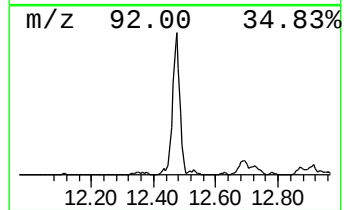
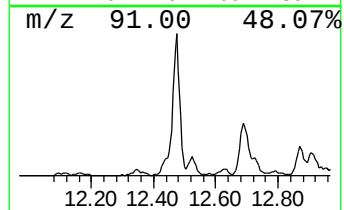
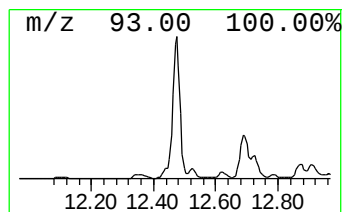
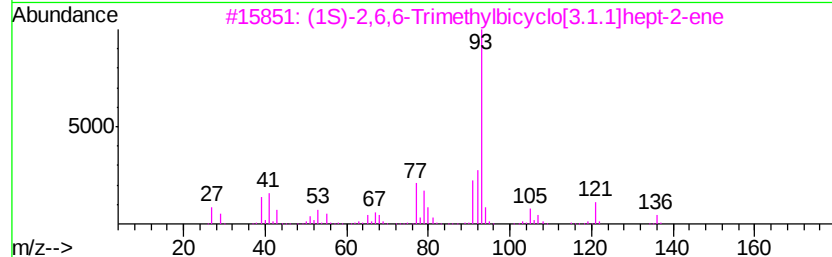
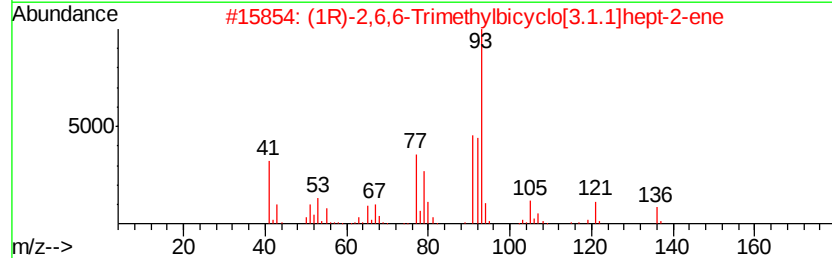
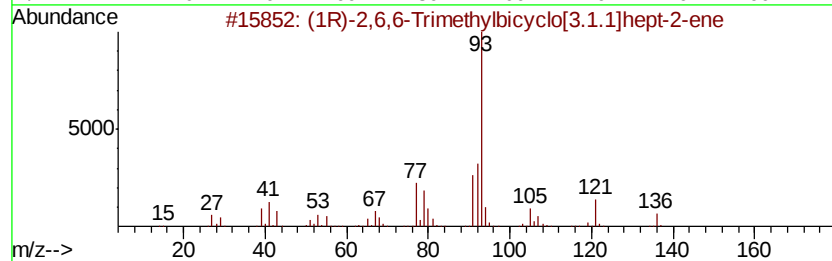
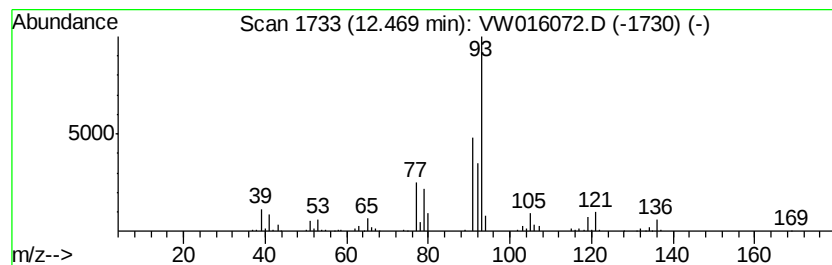
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

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

Peak Number 3 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	3.17 ug/L	116633	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	91
2		(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	91
3		(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	91
4		.gamma.-Terpinene	136	C10H16	000099-85-4	87
5		.beta.-Pinene	136	C10H16	000127-91-3	72



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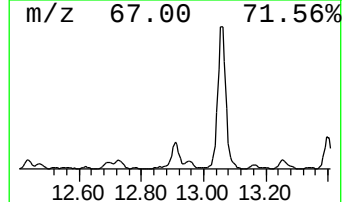
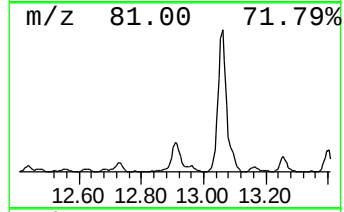
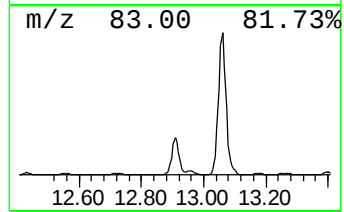
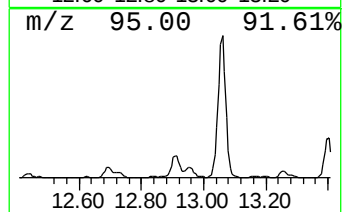
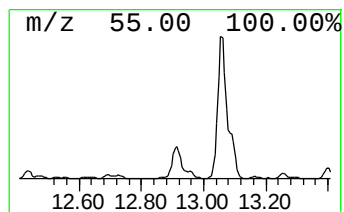
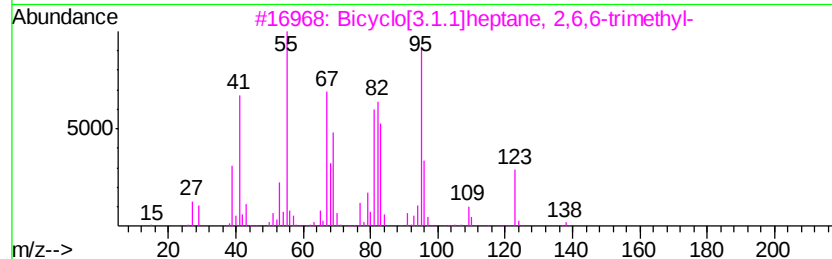
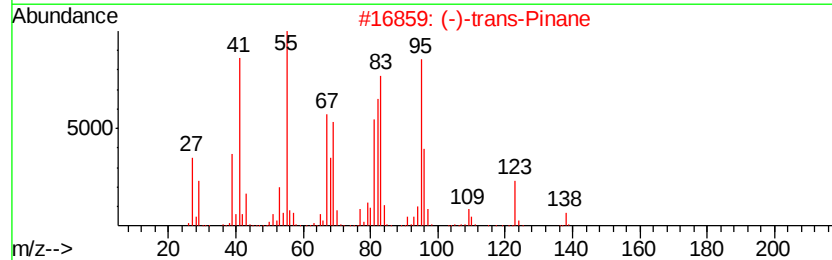
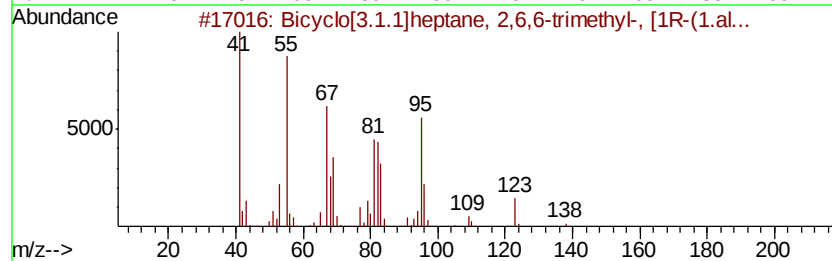
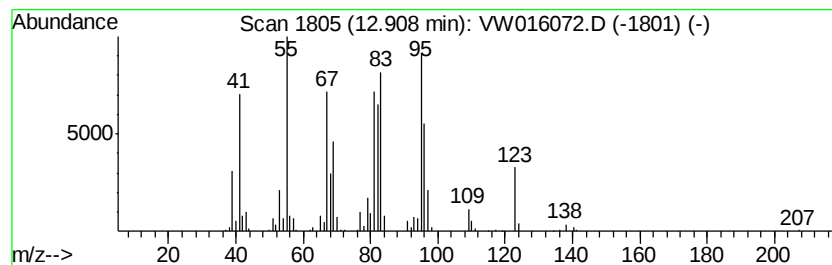
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ClientSampleId :
BFWP4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

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

Peak Number 4 (-)-trans-Pinane Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.91	3.40 ug/L	142392	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	89
2		(-)-trans-Pinane	138	C10H18	033626-25-4	80
3		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	70
4		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	006876-13-7	49
5		Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080720\
Data File : VW016072.D
Acq On : 07 Aug 2020 12:59
Operator : SY/VA
Sample : L3579-09
Misc : 6.29G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFWP4

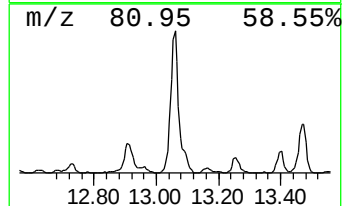
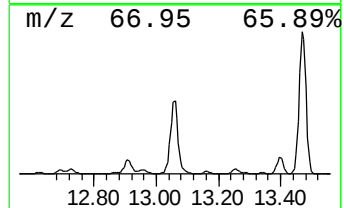
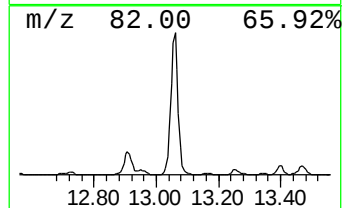
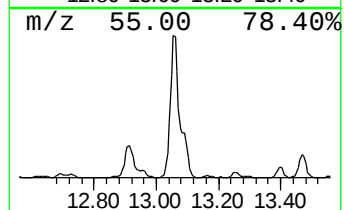
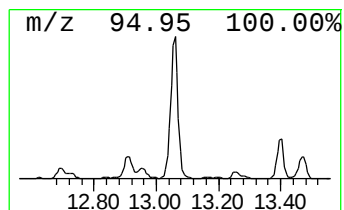
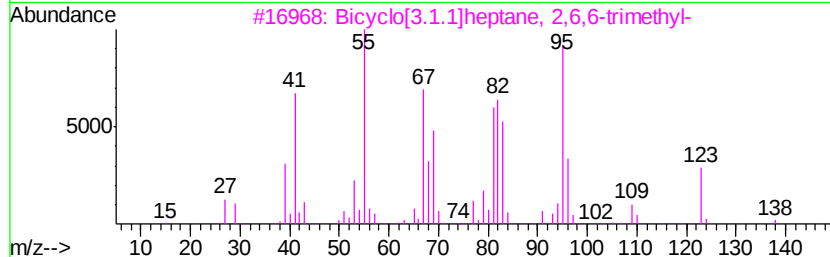
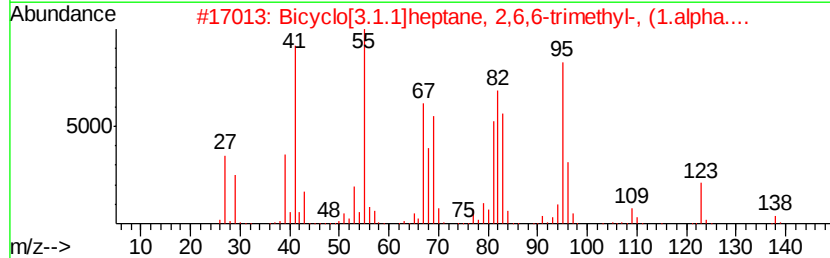
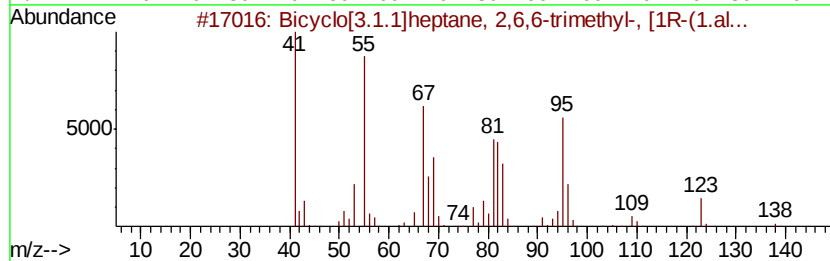
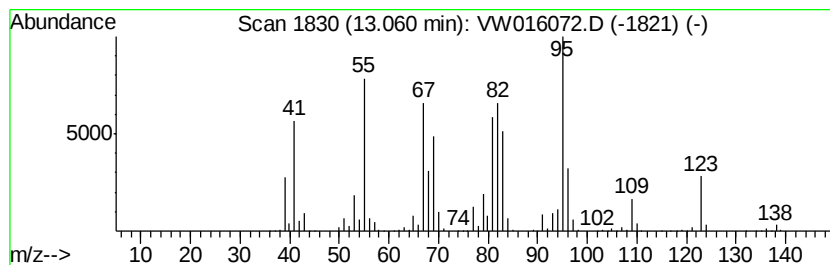
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Quant Title : VOC Analysis

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

Peak Number 5 Bicyclo[3.1.1]heptane, 2,6,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	24.86 ug/L	1041930	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	96
2		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	006876-13-7	93
3		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	93
4		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	87
5		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004755-33-3	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080720\
Data File : VW016072.D
Acq On : 07 Aug 2020 12:59
Operator : SY/VA
Sample : L3579-09
Misc : 6.29G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFWP4

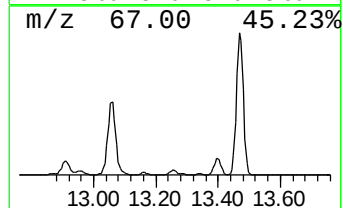
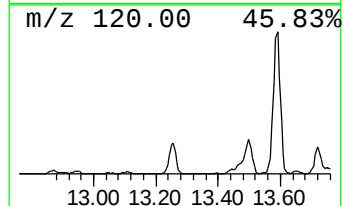
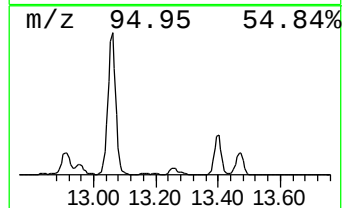
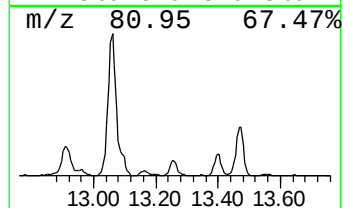
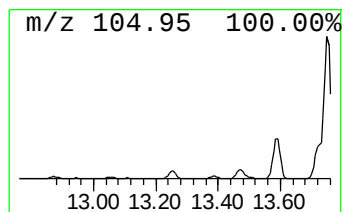
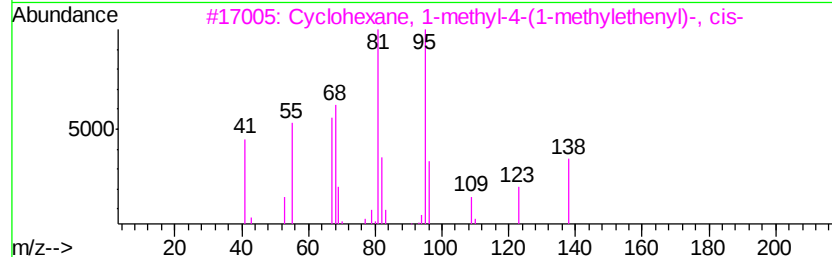
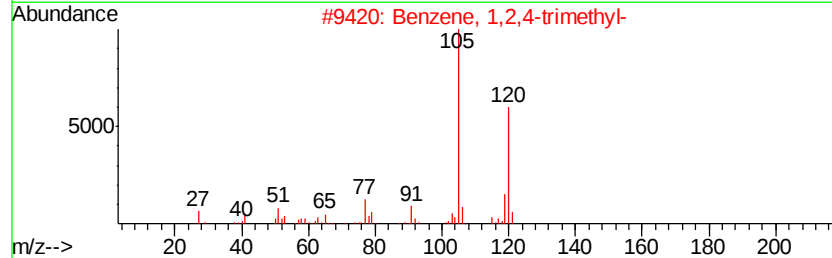
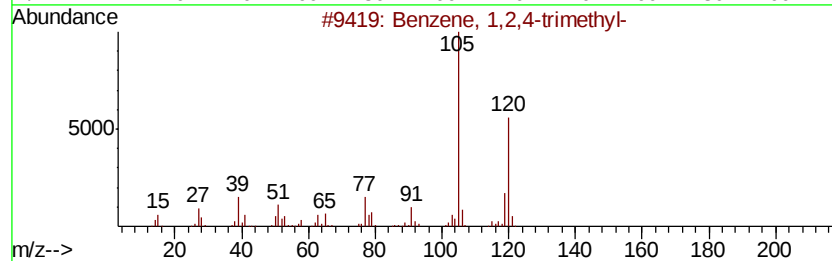
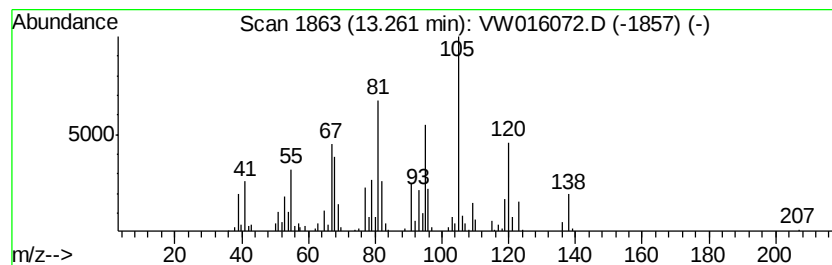
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Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1,2,4-trimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.17 ug/L	91006	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	83
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	83
3		Cyclohexane, 1-methyl-4-(1-methyl-...	138	C10H18	001879-07-8	55
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	52
5		Mesitylene	120	C9H12	000108-67-8	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080720\
Data File : VW016072.D
Acq On : 07 Aug 2020 12:59
Operator : SY/VA
Sample : L3579-09
Misc : 6.29G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFWP4

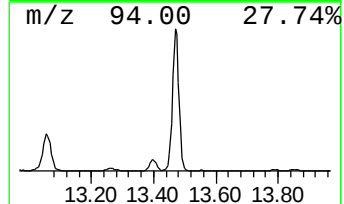
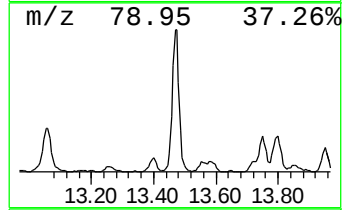
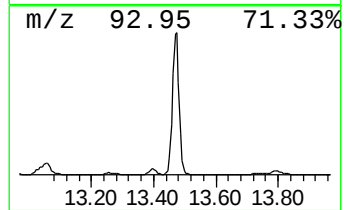
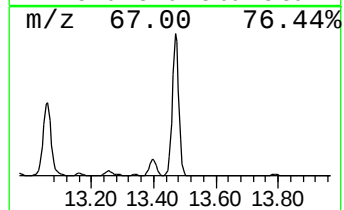
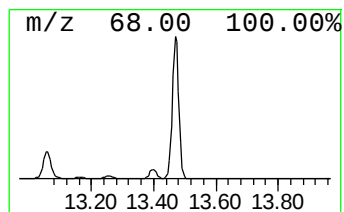
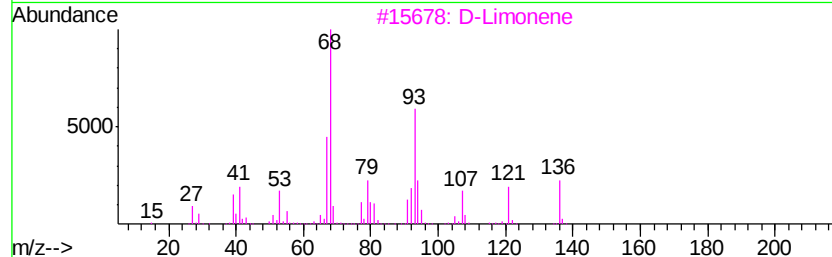
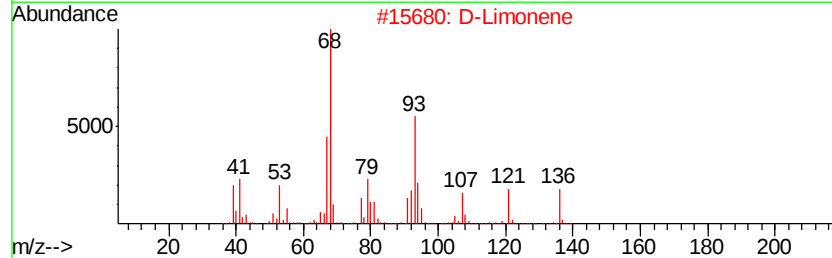
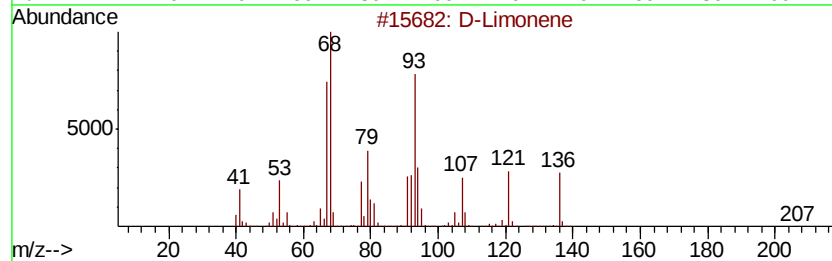
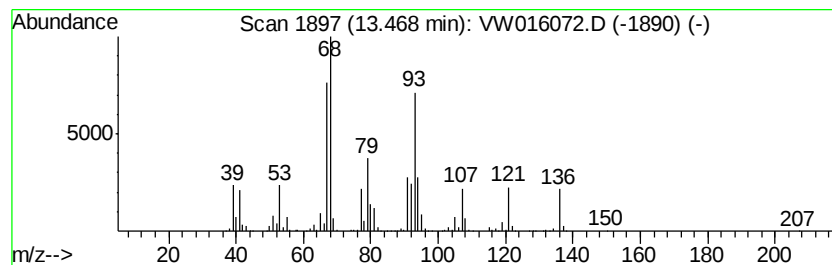
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Quant Title : VOC Analysis

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

Peak Number 8 D-Limonene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	28.99 ug/L	1215310	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene		136	C10H16	005989-27-5	99
2	D-Limonene		136	C10H16	005989-27-5	95
3	D-Limonene		136	C10H16	005989-27-5	94
4	D-Limonene		136	C10H16	005989-27-5	94
5	Limonene		136	C10H16	000138-86-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080720\
Data File : VW016072.D
Acq On : 07 Aug 2020 12:59
Operator : SY/VA
Sample : L3579-09
Misc : 6.29G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampled :
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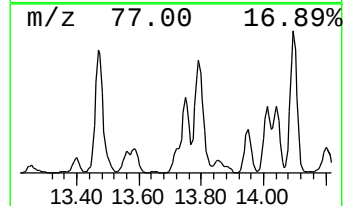
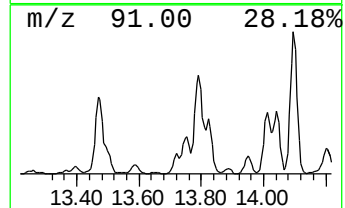
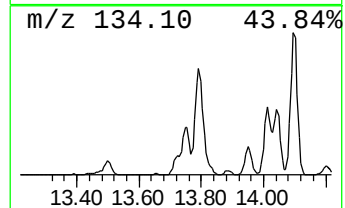
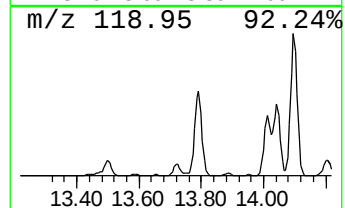
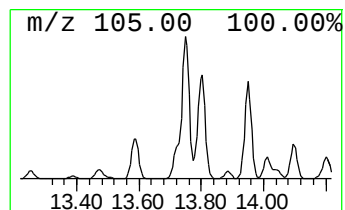
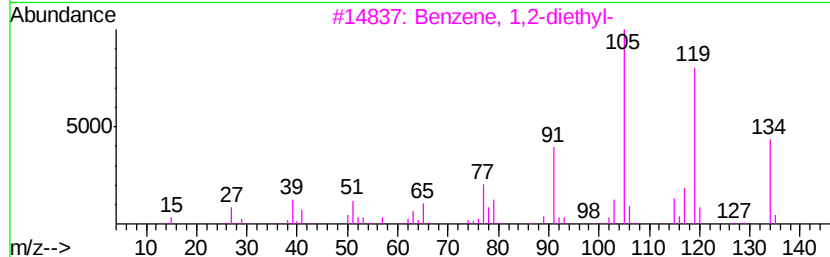
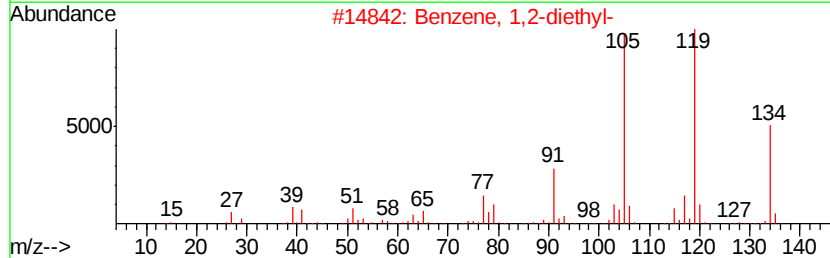
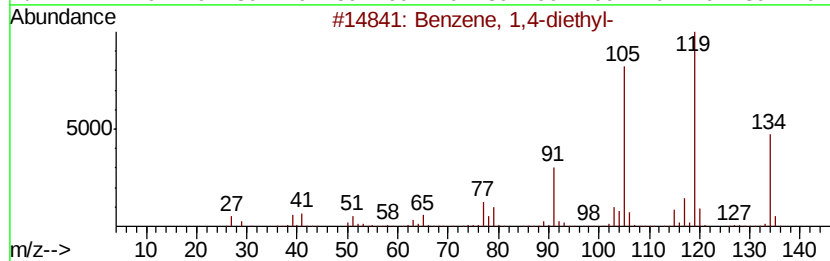
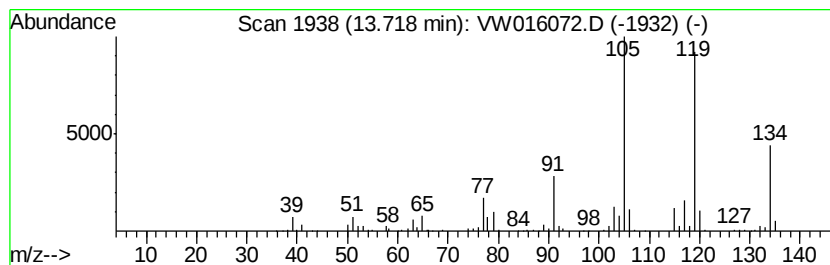
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Quant Title : VOC Analysis

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

Peak Number 9 Benzene, 1,4-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	4.52 ug/L	189560	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
5		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080720\
Data File : VW016072.D
Acq On : 07 Aug 2020 12:59
Operator : SY/VA
Sample : L3579-09
Misc : 6.29G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

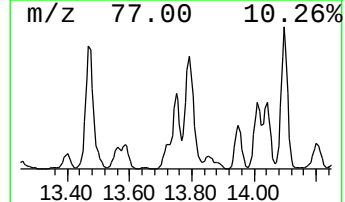
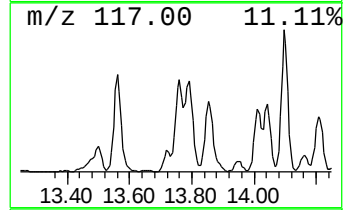
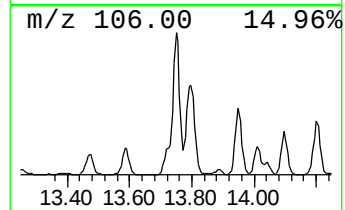
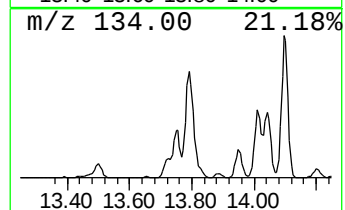
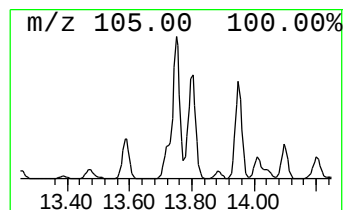
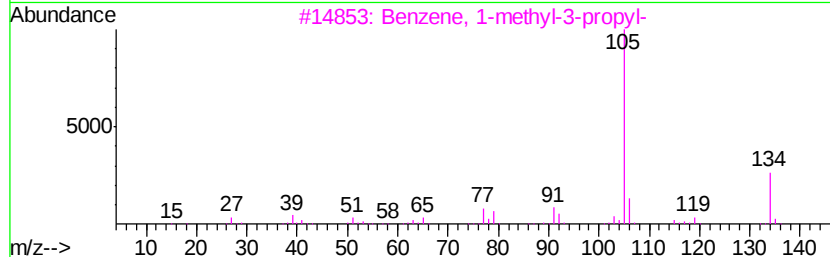
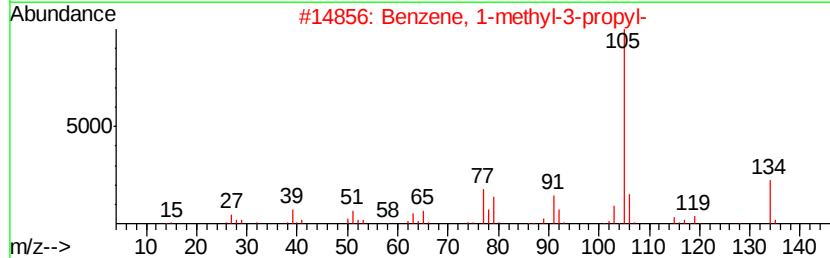
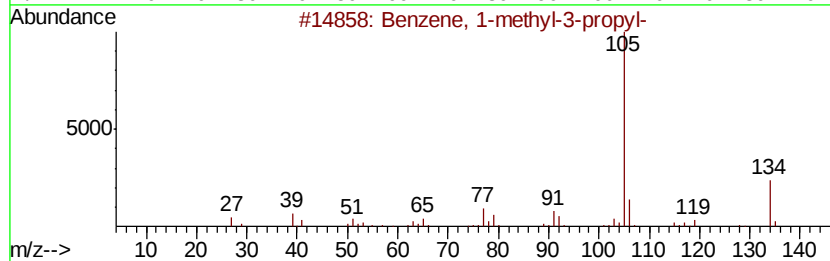
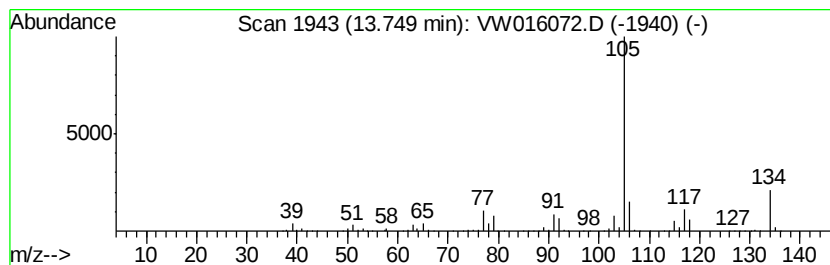
Instrument :
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 10 Benzene, 1-methyl-3-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	11.76 ug/L	492885	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-methyl-3-propyl-	134 C10H14	001074-43-7	81
2	Benzene, 1-methyl-3-propyl-	134 C10H14	001074-43-7	81
3	Benzene, 1-methyl-3-propyl-	134 C10H14	001074-43-7	74
4	Benzene, 1-methyl-2-propyl-	134 C10H14	001074-17-5	74
5	2-Tolylloxirane	134 C9H10O	002783-26-8	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080720\
Data File : VW016072.D
Acq On : 07 Aug 2020 12:59
Operator : SY/VA
Sample : L3579-09
Misc : 6.29G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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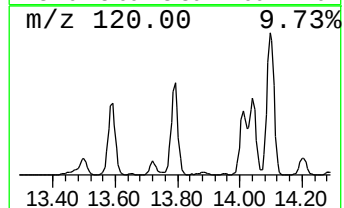
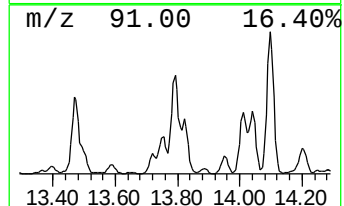
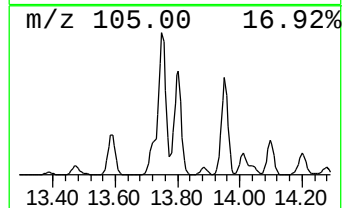
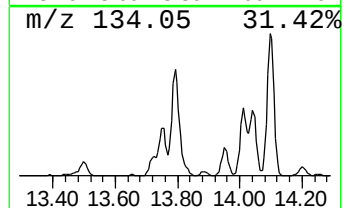
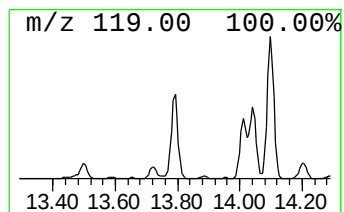
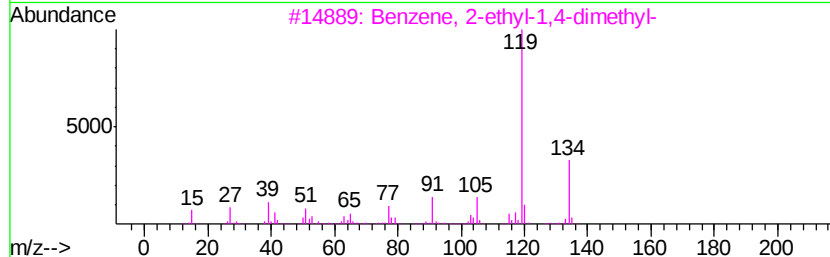
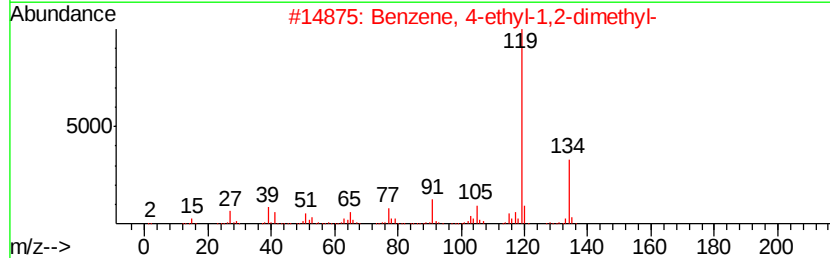
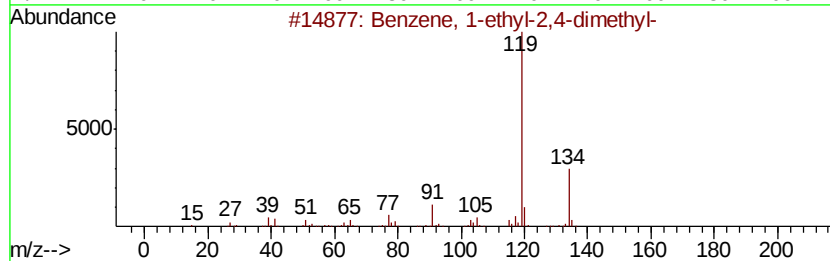
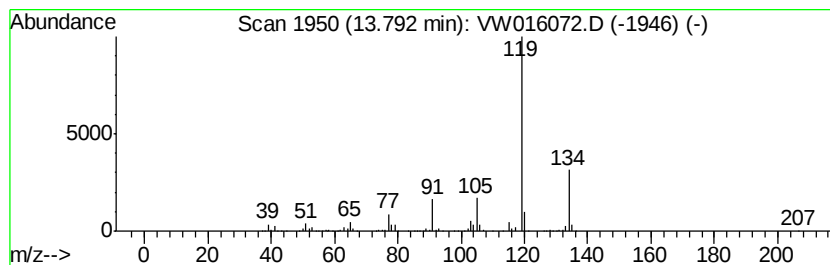
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Quant Title : VOC Analysis

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

Peak Number 11 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	25.80 ug/L	1081620	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	91
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080720\
Data File : VW016072.D
Acq On : 07 Aug 2020 12:59
Operator : SY/VA
Sample : L3579-09
Misc : 6.29G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFWP4

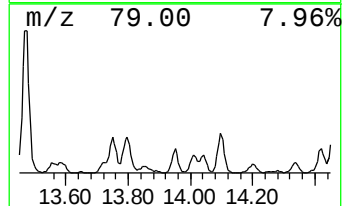
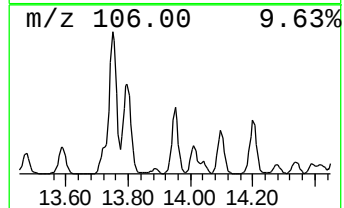
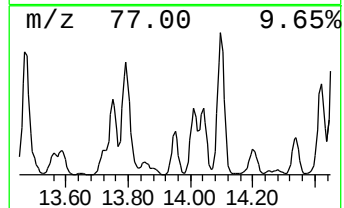
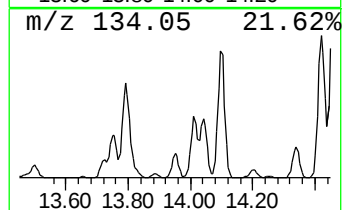
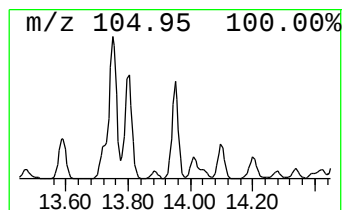
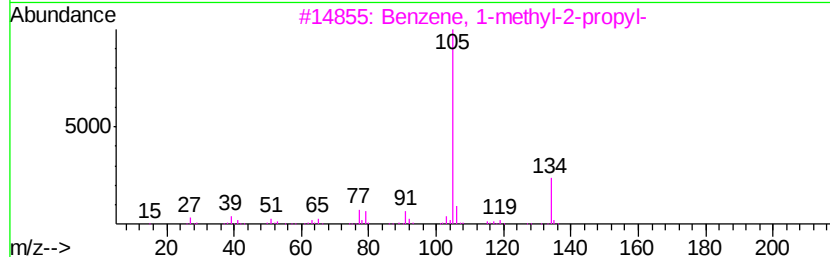
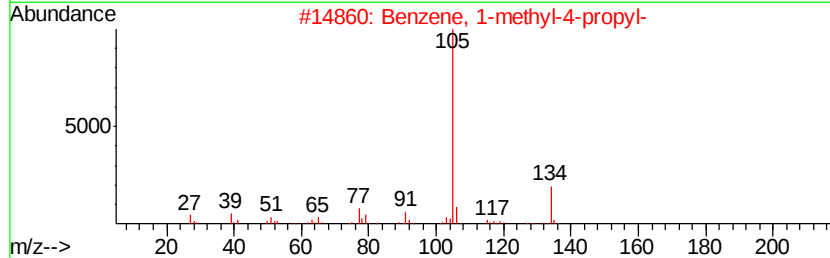
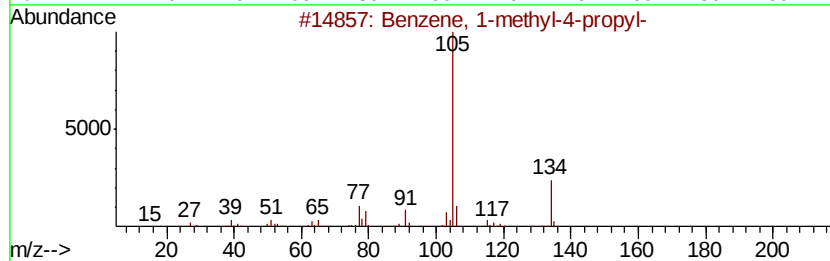
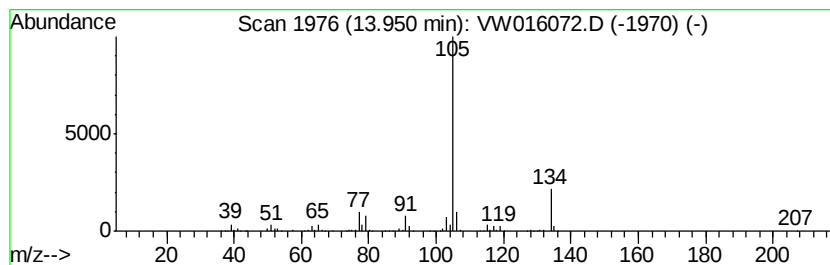
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Quant Title : VOC Analysis

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

Peak Number 12 Benzene, 1-methyl-4-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	6.28 ug/L	263108	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080720\
Data File : VW016072.D
Acq On : 07 Aug 2020 12:59
Operator : SY/VA
Sample : L3579-09
Misc : 6.29G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFWP4

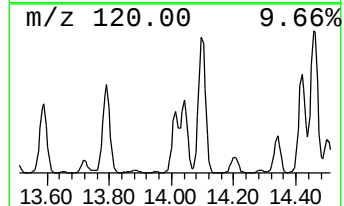
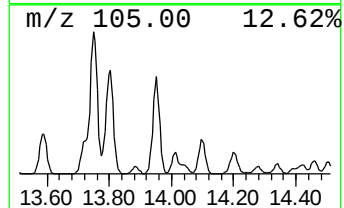
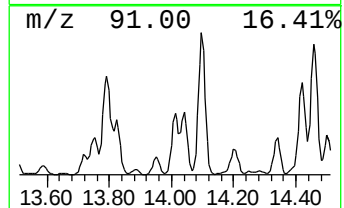
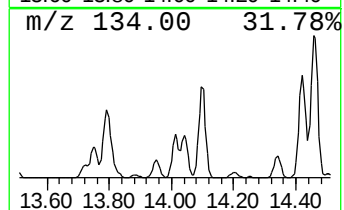
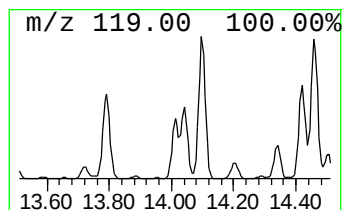
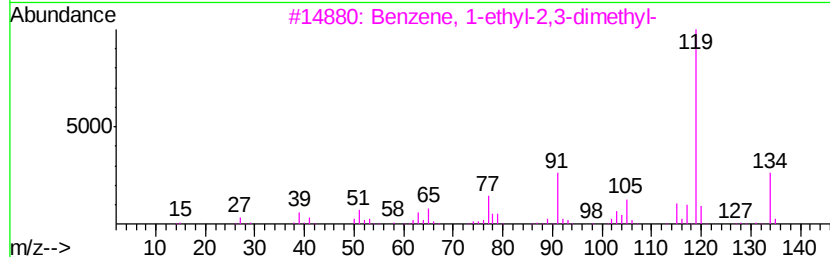
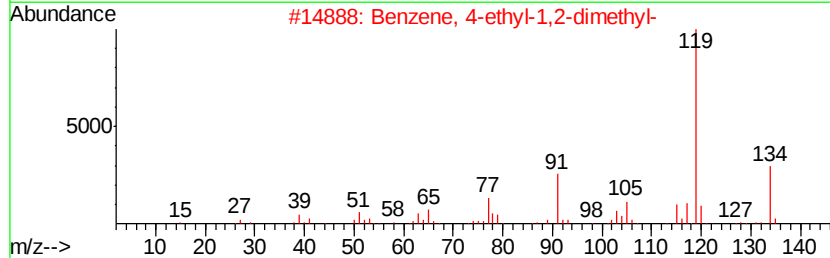
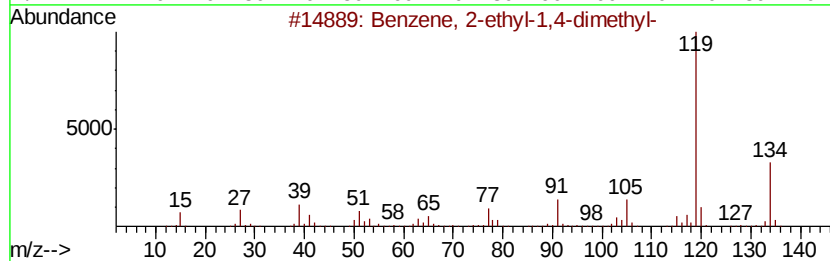
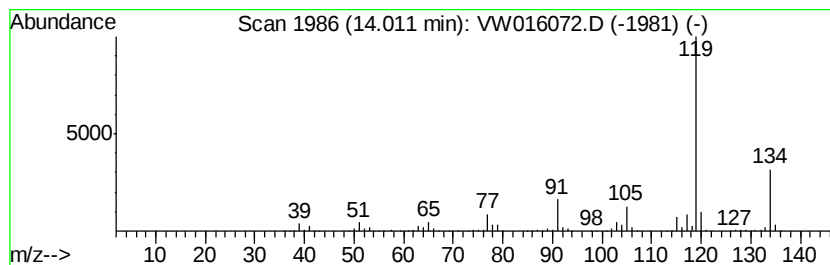
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Quant Title : VOC Analysis

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

Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	12.82 ug/L	537221	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	97
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080720\
Data File : VW016072.D
Acq On : 07 Aug 2020 12:59
Operator : SY/VA
Sample : L3579-09
Misc : 6.29G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFWP4

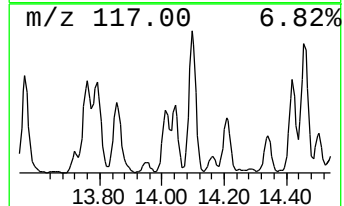
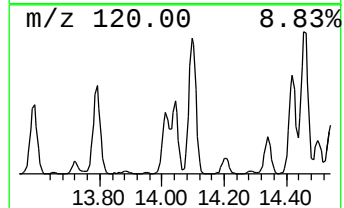
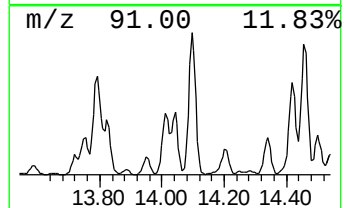
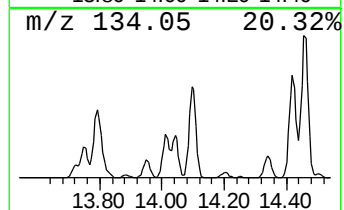
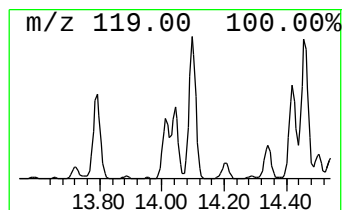
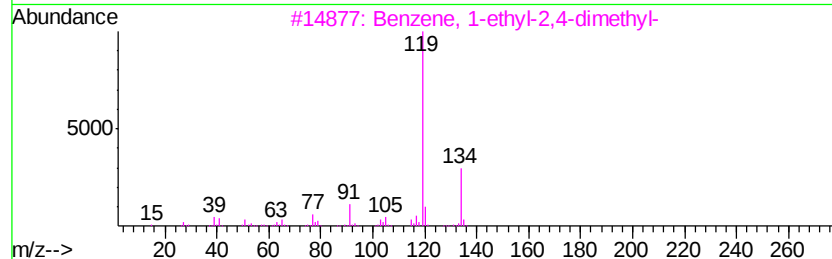
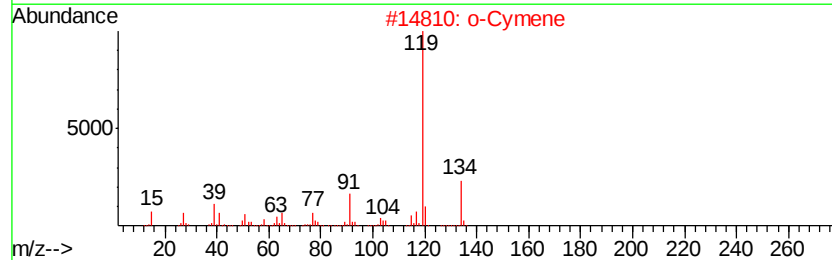
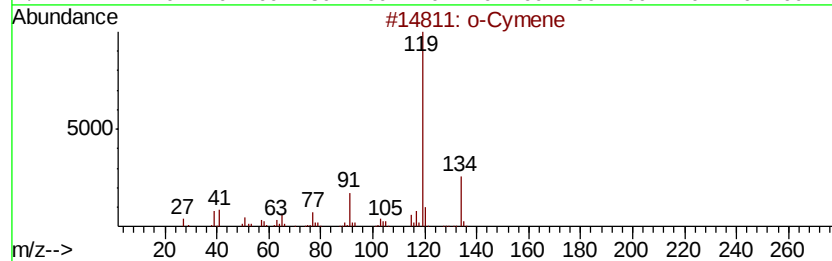
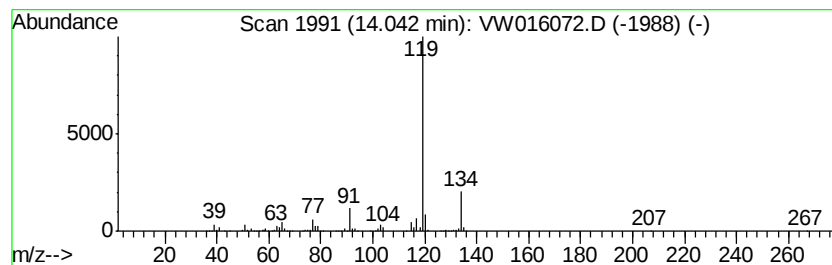
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Quant Title : VOC Analysis

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

Peak Number 14 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	13.46 ug/L	564274	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	94
2		o-Cymene	134	C10H14	000527-84-4	94
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080720\
Data File : VW016072.D
Acq On : 07 Aug 2020 12:59
Operator : SY/VA
Sample : L3579-09
Misc : 6.29G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFWP4

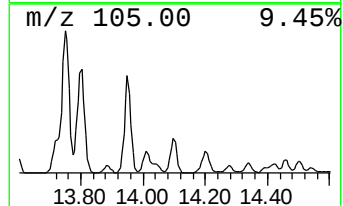
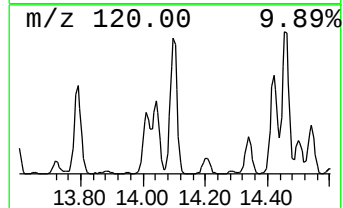
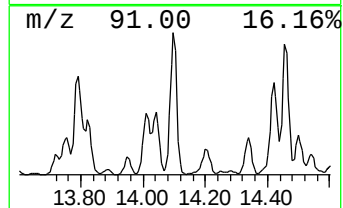
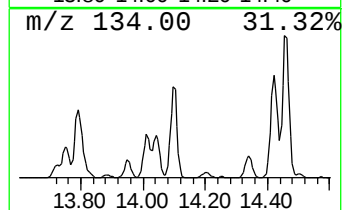
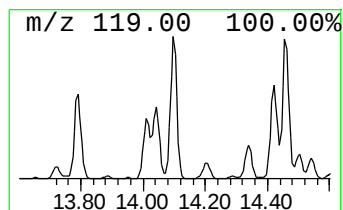
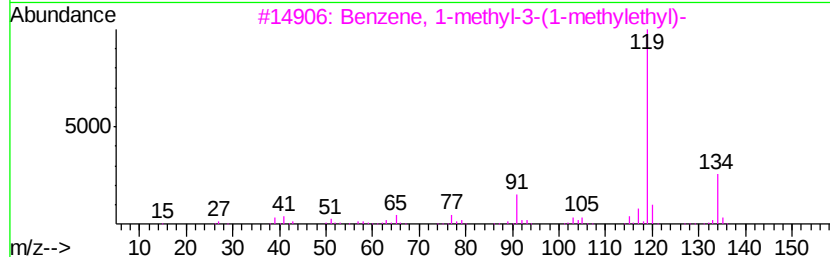
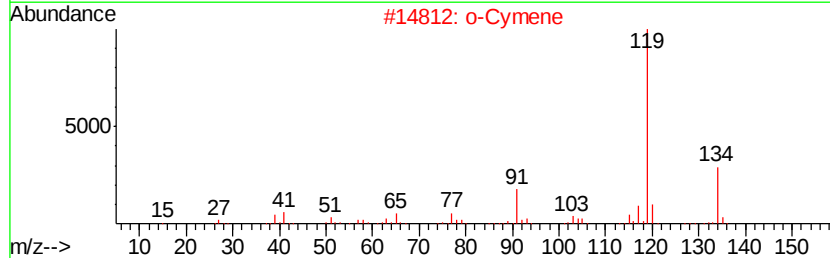
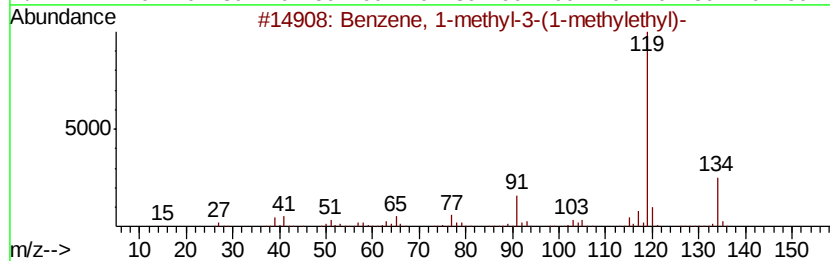
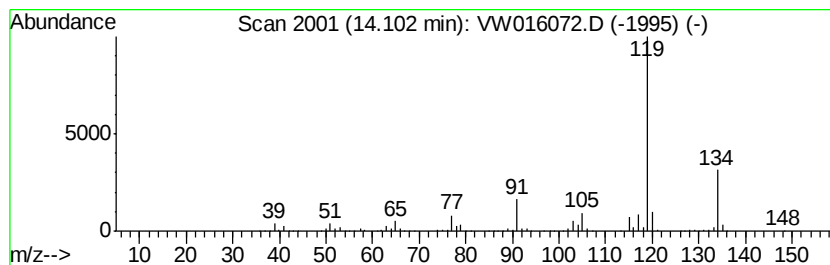
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Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 1-methyl-3-(1-meth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	29.78 ug/L	1248170	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2		o-Cymene	134	C10H14	000527-84-4	95
3		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5		o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080720\
Data File : VW016072.D
Acq On : 07 Aug 2020 12:59
Operator : SY/VA
Sample : L3579-09
Misc : 6.29G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFWP4

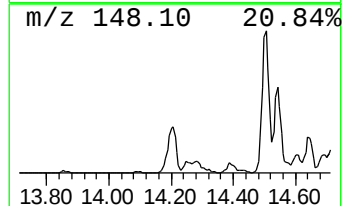
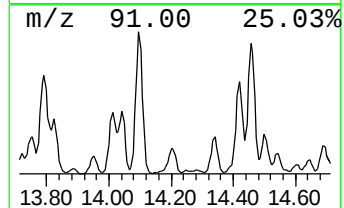
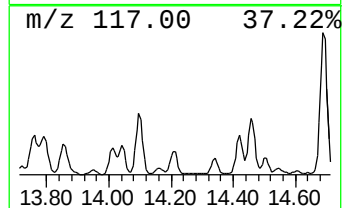
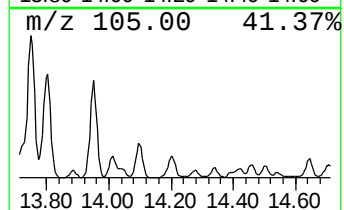
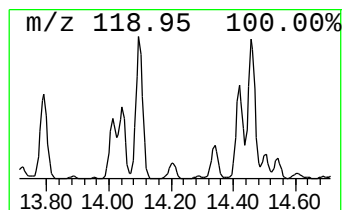
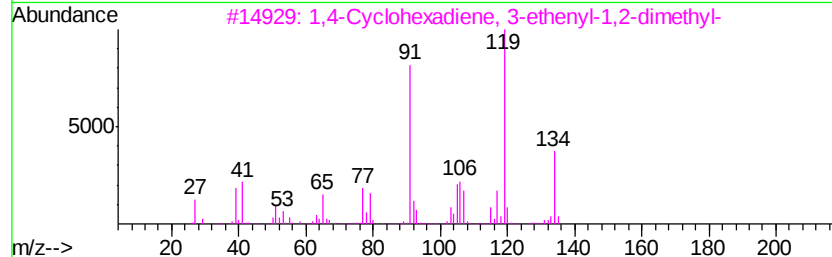
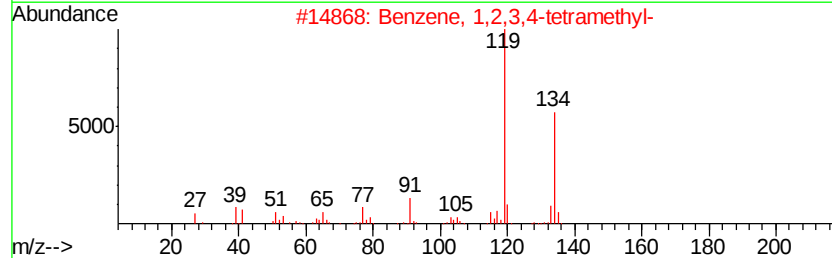
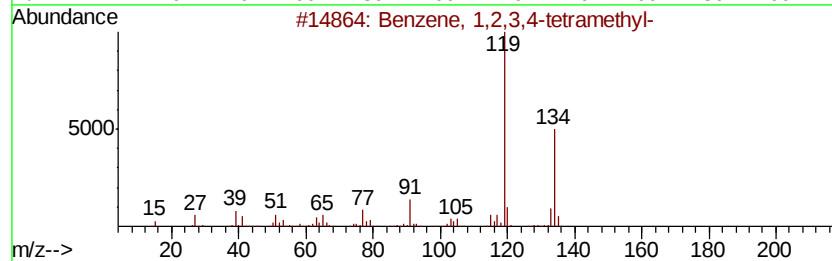
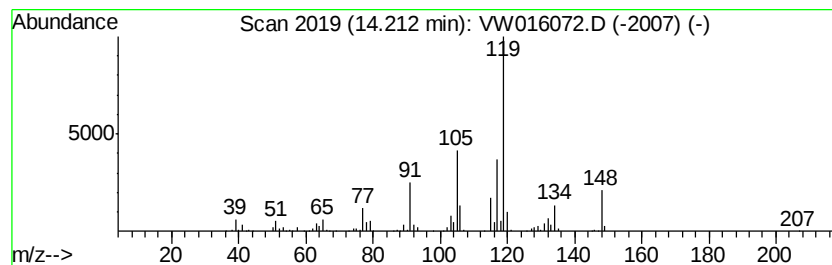
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Quant Title : VOC Analysis

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

Peak Number 16 1,4-Cyclohexadiene, 3-ethen... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	6.51 ug/L	272841	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
3			1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	64
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080720\
Data File : VW016072.D
Acq On : 07 Aug 2020 12:59
Operator : SY/VA
Sample : L3579-09
Misc : 6.29G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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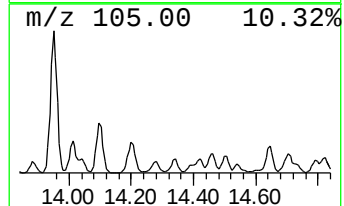
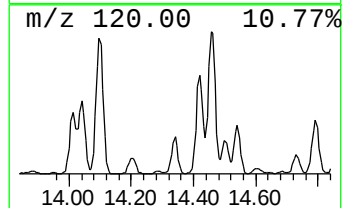
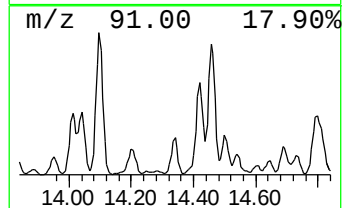
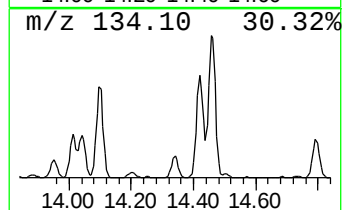
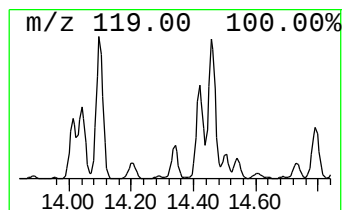
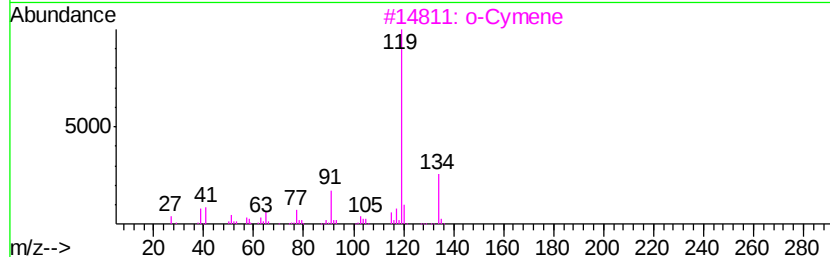
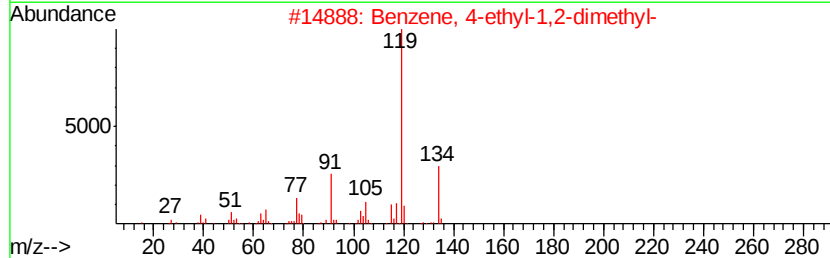
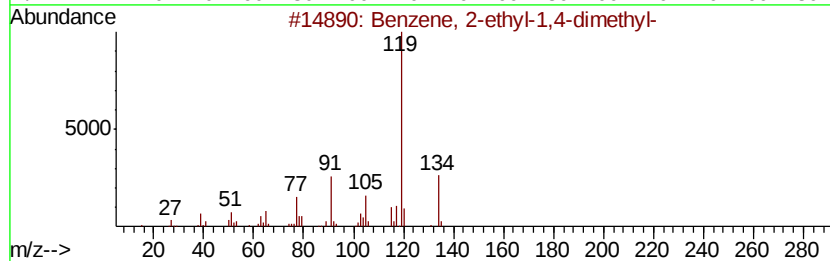
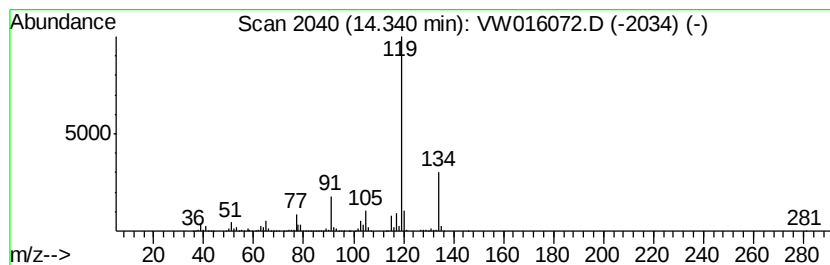
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Quant Title : VOC Analysis

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

Peak Number 17 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	7.15 ug/L	299804	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	96
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3		o-Cymene	134	C10H14	000527-84-4	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080720\
Data File : VW016072.D
Acq On : 07 Aug 2020 12:59
Operator : SY/VA
Sample : L3579-09
Misc : 6.29G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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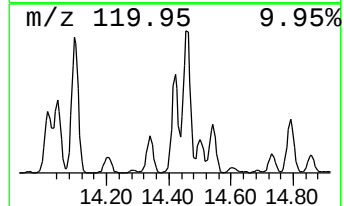
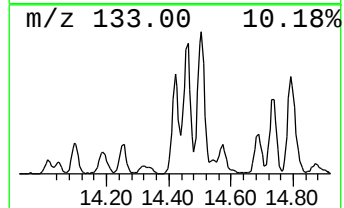
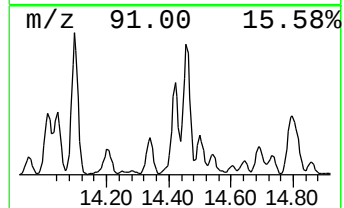
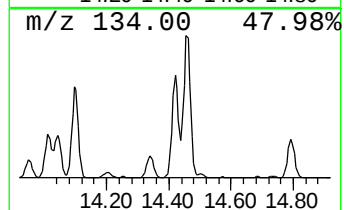
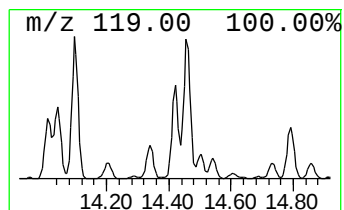
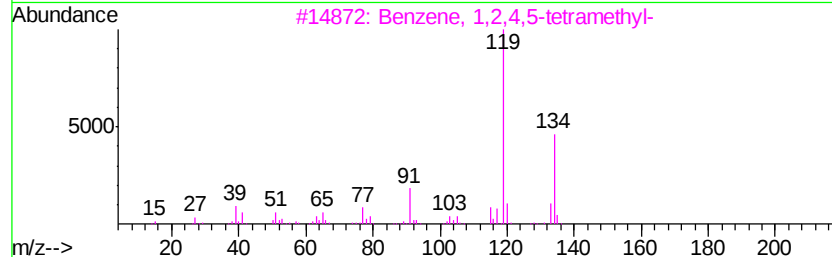
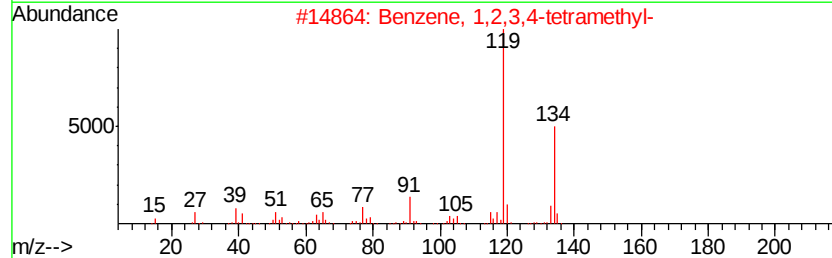
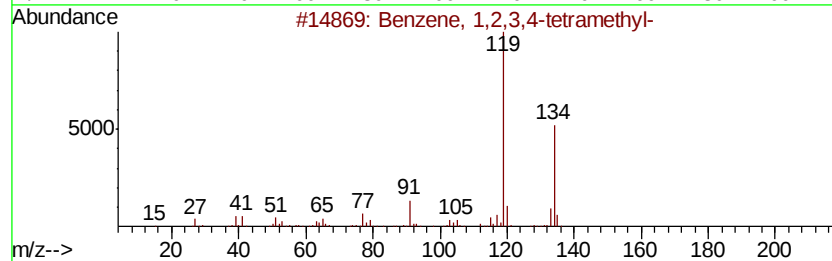
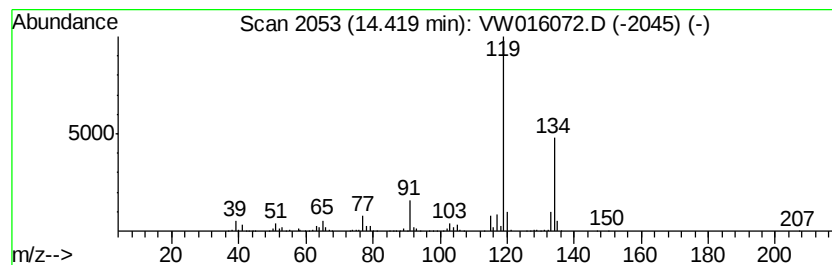
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Quant Title : VOC Analysis

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

Peak Number 18 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	22.70 ug/L	951566	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, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080720\
Data File : VW016072.D
Acq On : 07 Aug 2020 12:59
Operator : SY/VA
Sample : L3579-09
Misc : 6.29G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFWP4

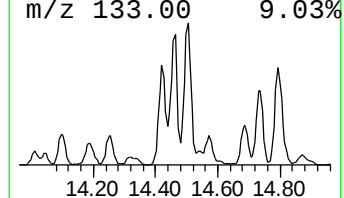
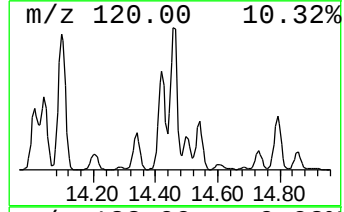
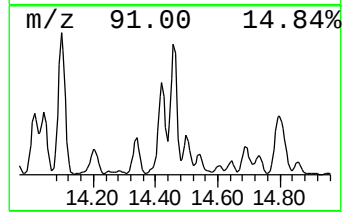
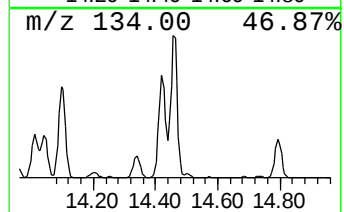
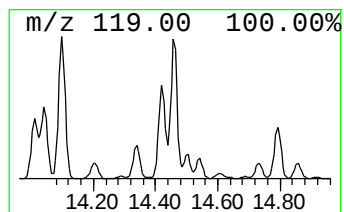
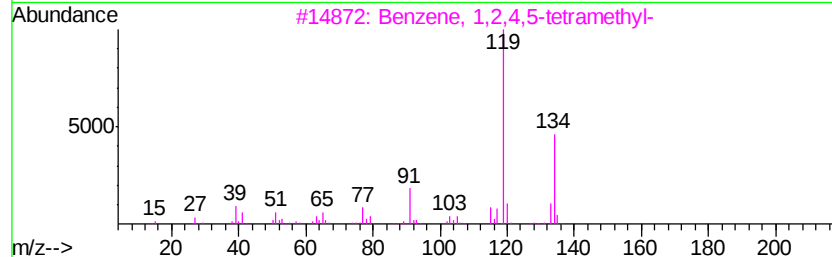
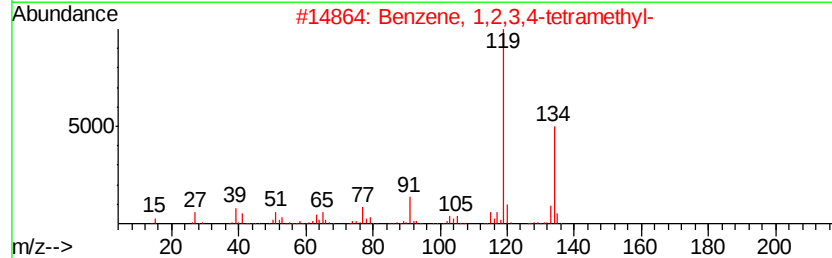
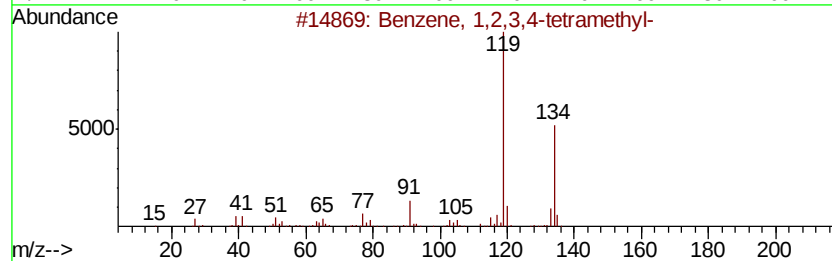
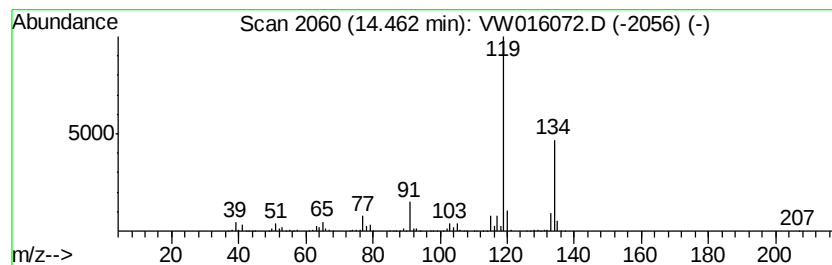
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Quant Title : VOC Analysis

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

Peak Number 19 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	31.23 ug/L	1309040	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		o-Cymene	134	C10H14	000527-84-4	96
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080720\
Data File : VW016072.D
Acq On : 07 Aug 2020 12:59
Operator : SY/VA
Sample : L3579-09
Misc : 6.29G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFWP4

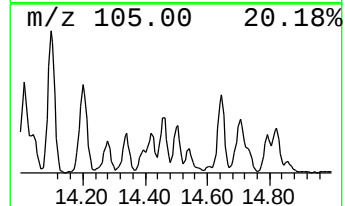
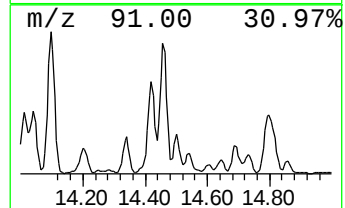
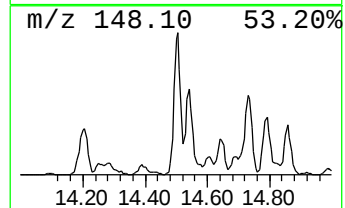
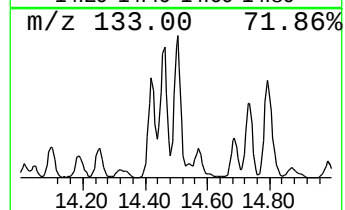
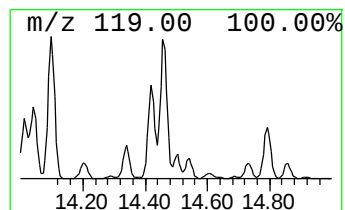
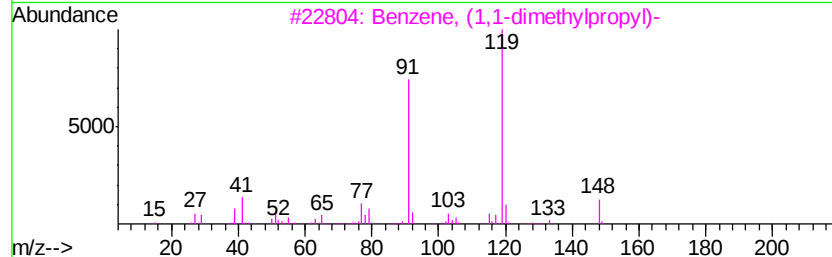
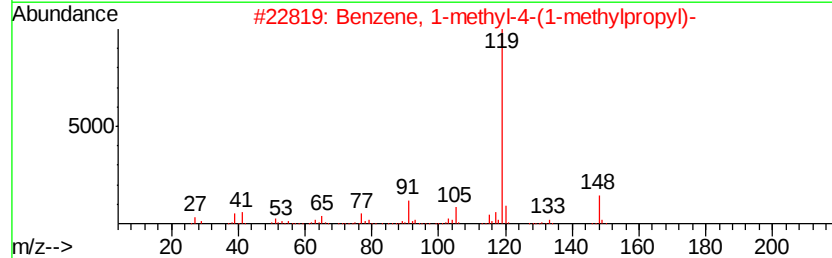
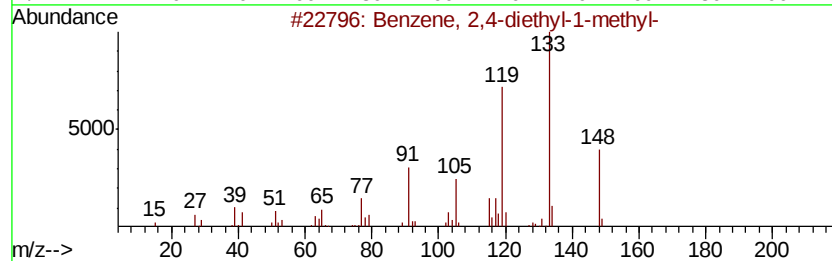
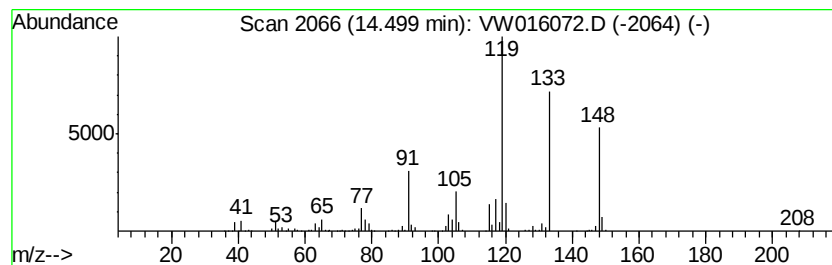
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Quant Title : VOC Analysis

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

Peak Number 20 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	7.30 ug/L	305982	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	53
2		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	53
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
4		3,4-Dimethylcumene	148	C11H16	1000370-34-1	46
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080720\
Data File : VW016072.D
Acq On : 07 Aug 2020 12:59
Operator : SY/VA
Sample : L3579-09
Misc : 6.29G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFWP4

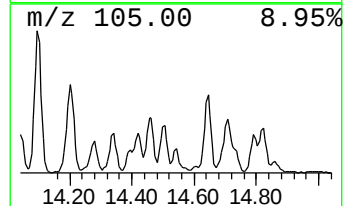
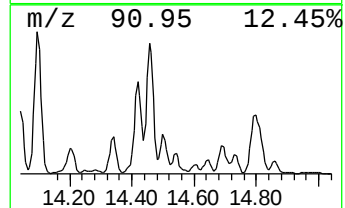
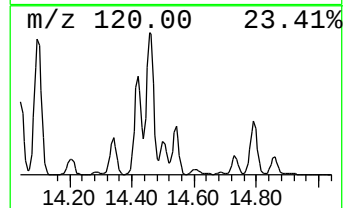
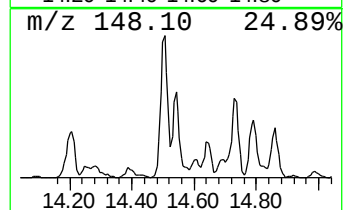
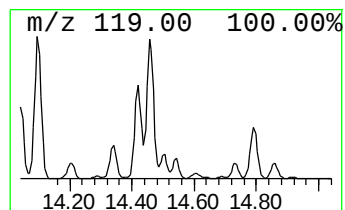
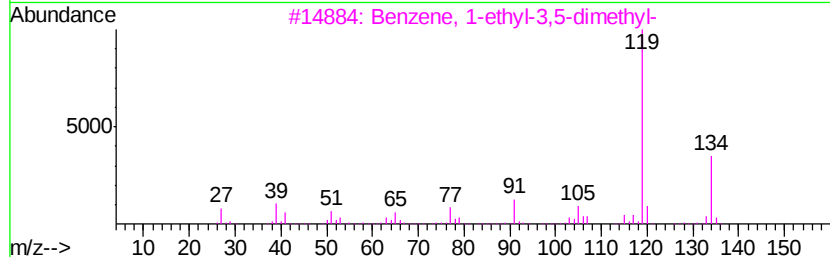
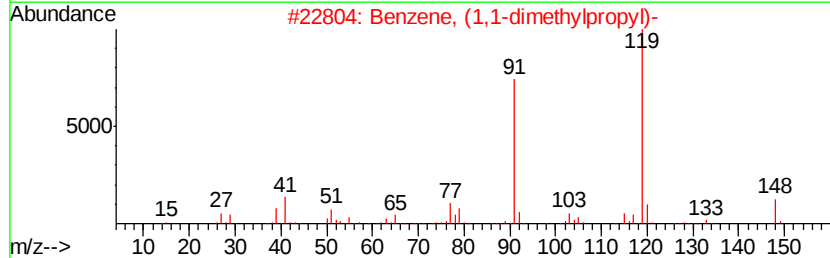
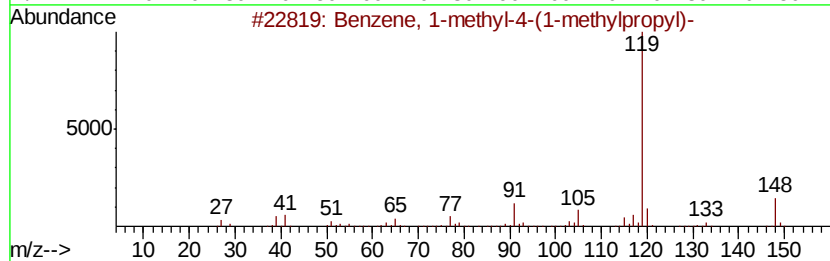
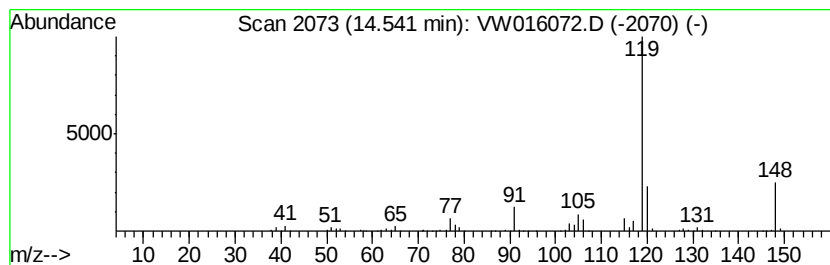
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Quant Title : VOC Analysis

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

Peak Number 21 Benzene, 1-methyl-4-(1-meth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	4.60 ug/L	192726	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	72
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	59
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	53
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080720\
Data File : VW016072.D
Acq On : 07 Aug 2020 12:59
Operator : SY/VA
Sample : L3579-09
Misc : 6.29G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

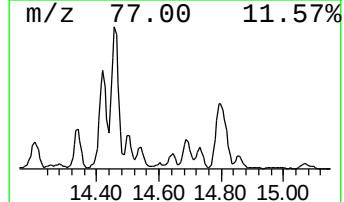
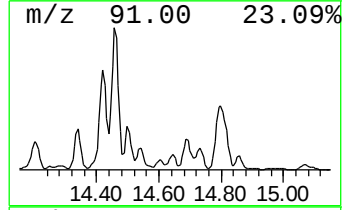
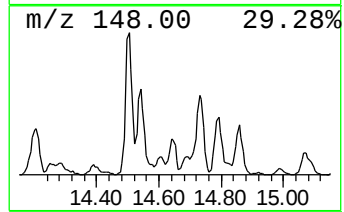
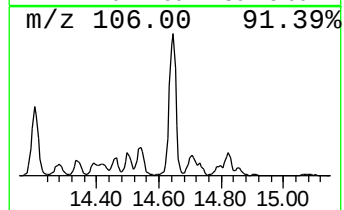
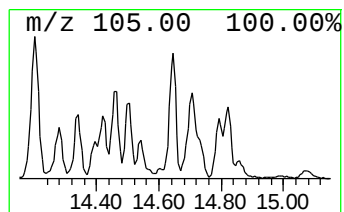
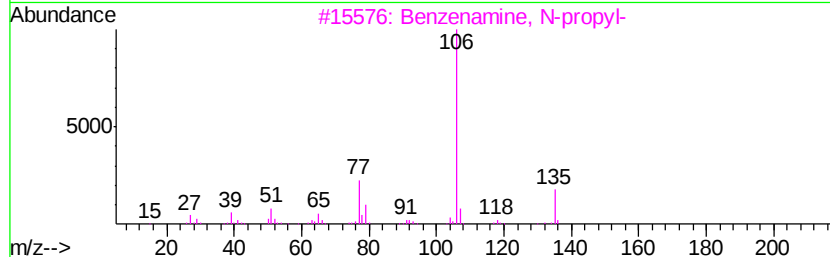
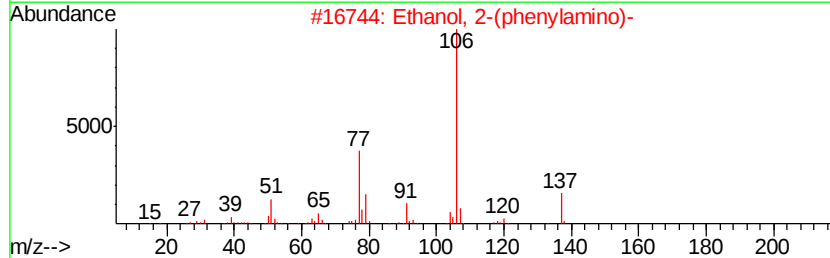
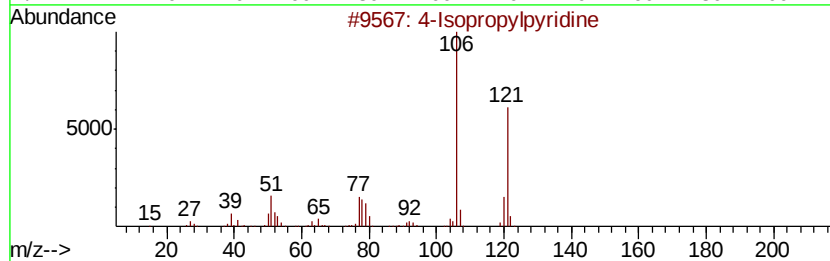
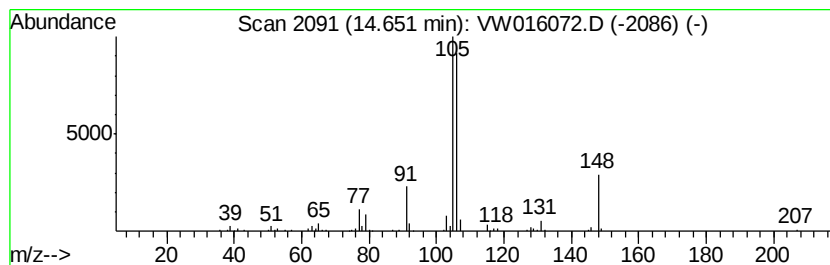
Instrument :
MSVOA_W
ClientSampleId :
BFWP4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

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

Peak Number 22 4-Isopropylpyridine Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	2.17 ug/L	91045	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		4-Isopropylpyridine	121 C8H11N	000696-30-0 50
2		Ethanol, 2-(phenylamino)-	137 C8H11NO	000122-98-5 50
3		Benzenamine, N-propyl-	135 C9H13N	000622-80-0 50
4		Benzenamine, 4-propyl-	135 C9H13N	002696-84-6 50
5		Propanenitrile, 3-(phenylamino)-	146 C9H10N2	001075-76-9 47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080720\
Data File : VW016072.D
Acq On : 07 Aug 2020 12:59
Operator : SY/VA
Sample : L3579-09
Misc : 6.29G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

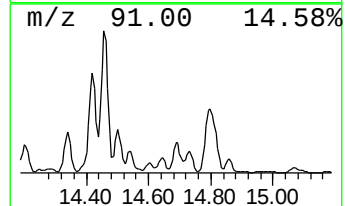
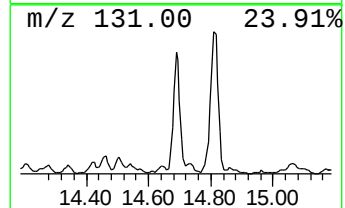
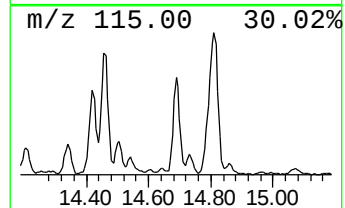
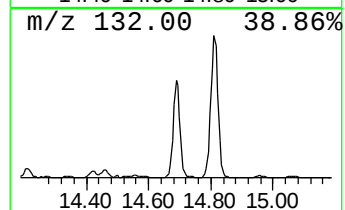
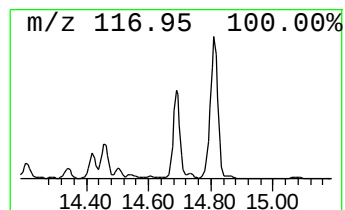
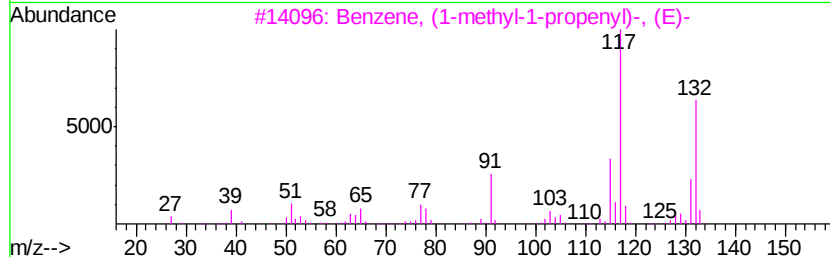
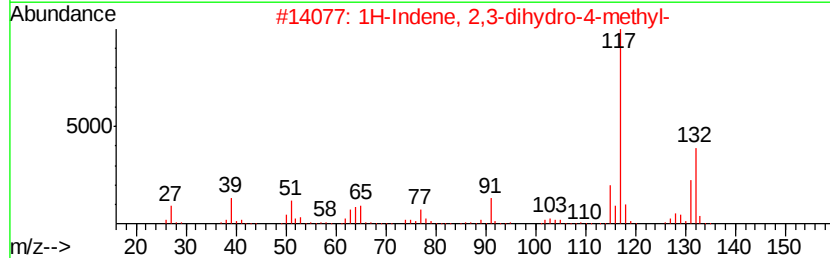
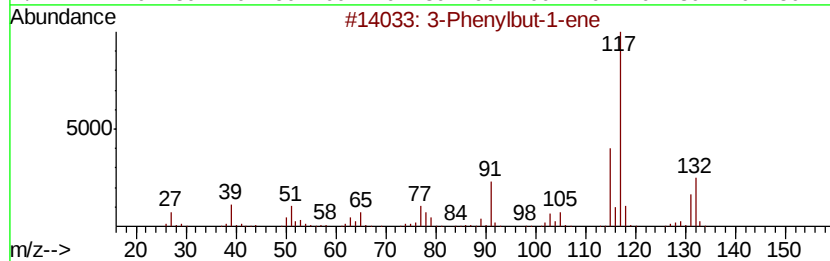
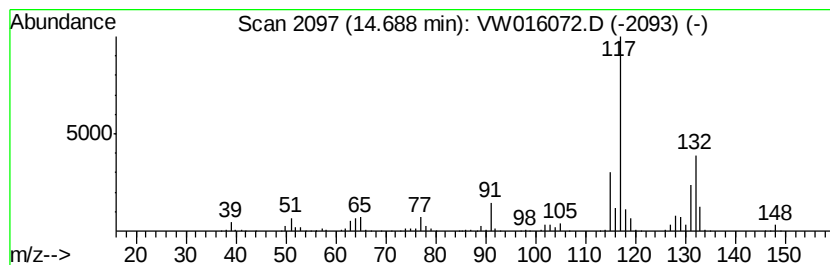
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

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

Peak Number 23 3-Phenylbut-1-ene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	9.25 ug/L	387816	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Phenylbut-1-ene	132 C10H12	000934-10-1	90
2	1H-Indene, 2,3-dihydro-4-methyl-	132 C10H12	000824-22-6	90
3	Benzene, (1-methyl-1-propenyl)-,...	132 C10H12	000768-00-3	87
4	1H-Indene, 2,3-dihydro-5-methyl-	132 C10H12	000874-35-1	87
5	Benzene, 1-ethenyl-4-ethyl-	132 C10H12	003454-07-7	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080720\
Data File : VW016072.D
Acq On : 07 Aug 2020 12:59
Operator : SY/VA
Sample : L3579-09
Misc : 6.29G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

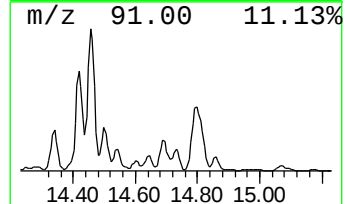
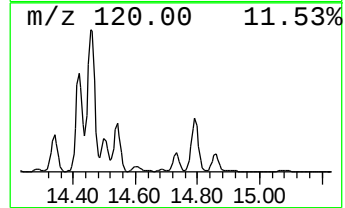
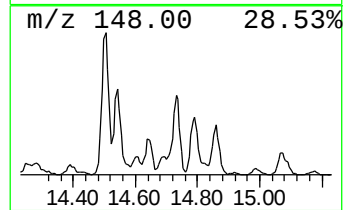
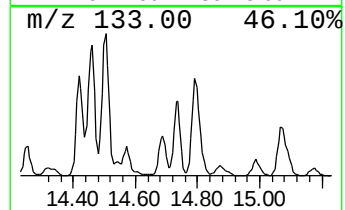
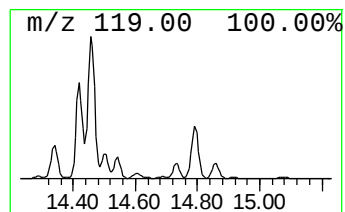
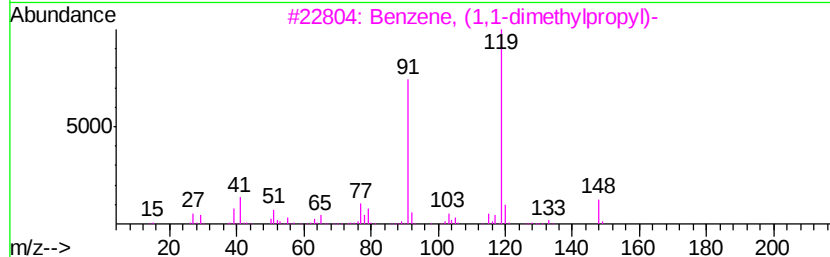
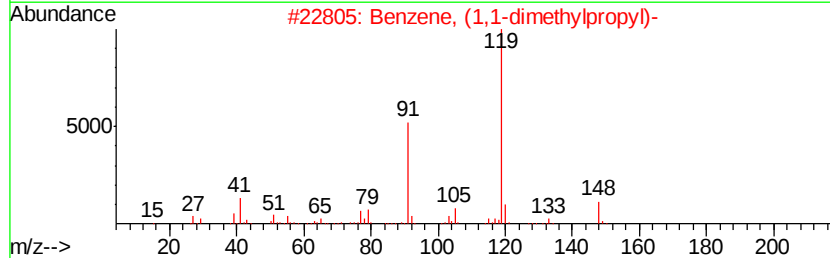
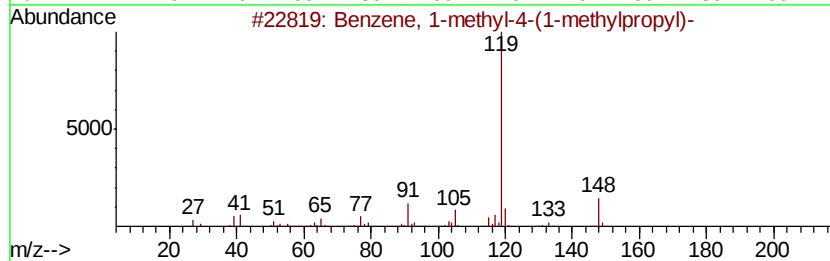
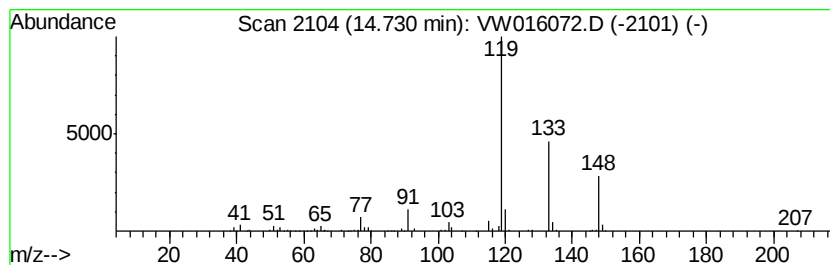
Instrument :
MSVOA_W
ClientSampleId :
BFWP4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

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

Peak Number 24 2-Propenal, 3-(2-pyridinyla... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	4.26 ug/L	178407	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-methyl-4-(1-methylpro...	148 C11H16	001595-16-0 64
2		Benzene, (1,1-dimethylpropyl)-	148 C11H16	002049-95-8 59
3		Benzene, (1,1-dimethylpropyl)-	148 C11H16	002049-95-8 53
4		Benzene, (1,1-dimethylpropyl)-	148 C11H16	002049-95-8 53
5		2-Propenal, 3-(2-pyridinylamino)-	148 C8H8N2O	068970-82-1 50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080720\
Data File : VW016072.D
Acq On : 07 Aug 2020 12:59
Operator : SY/VA
Sample : L3579-09
Misc : 6.29G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFWP4

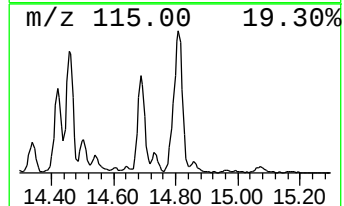
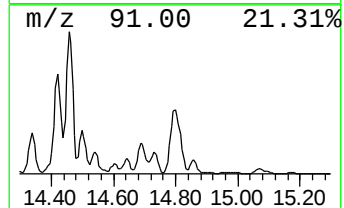
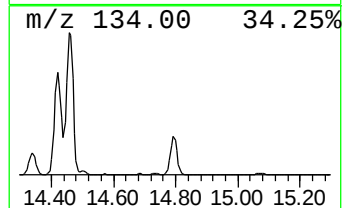
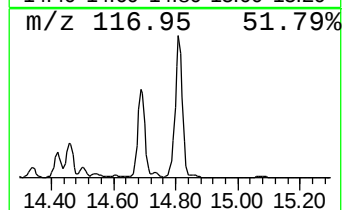
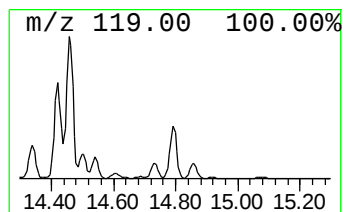
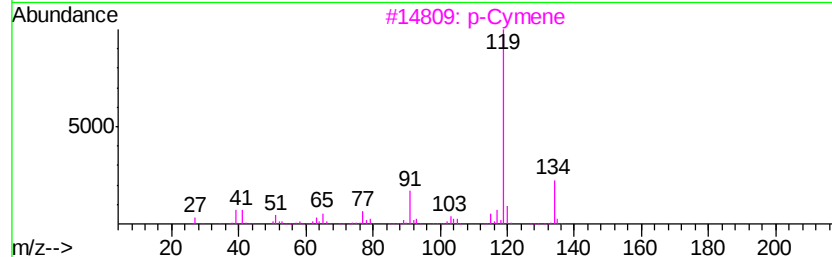
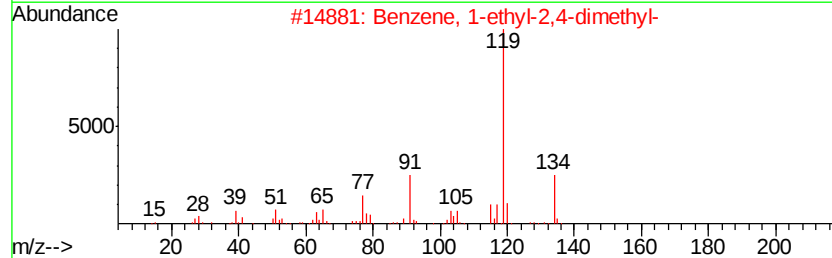
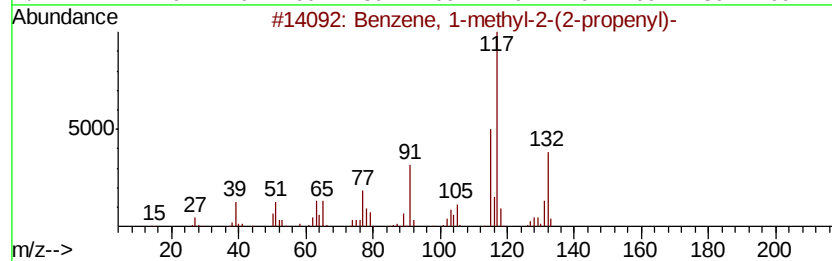
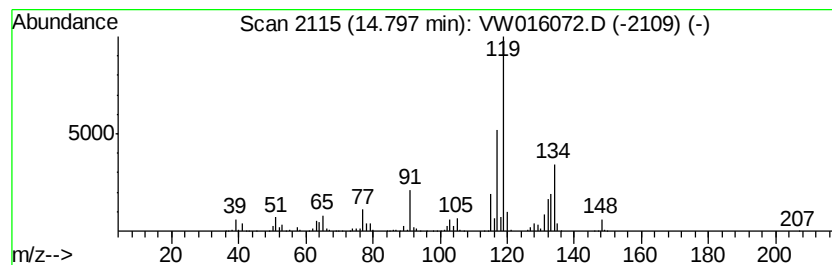
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Quant Title : VOC Analysis

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

Peak Number 25 Benzene, 1-methyl-2-(2-prop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	24.39 ug/L	1022370	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	70
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60
3		p-Cymene	134	C10H14	000099-87-6	60
4		o-Cymene	134	C10H14	000527-84-4	60
5		o-Cymene	134	C10H14	000527-84-4	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080720\
Data File : VW016072.D
Acq On : 07 Aug 2020 12:59
Operator : SY/VA
Sample : L3579-09
Misc : 6.29G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFWP4

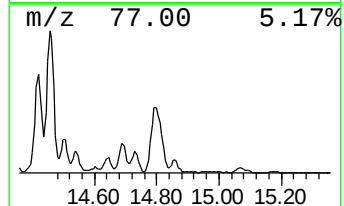
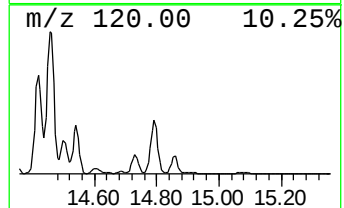
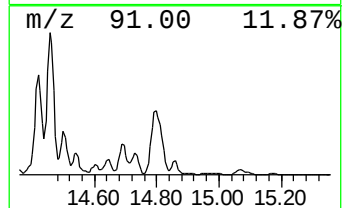
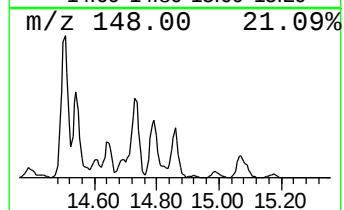
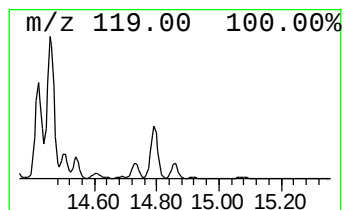
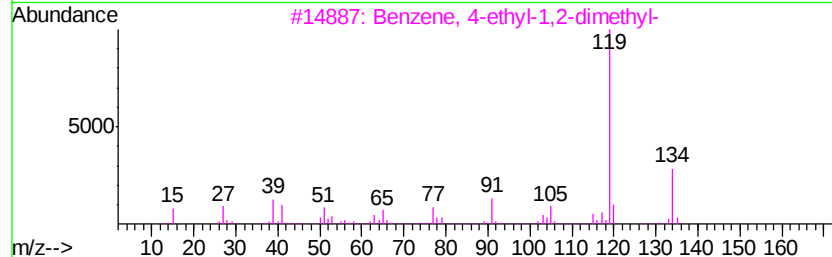
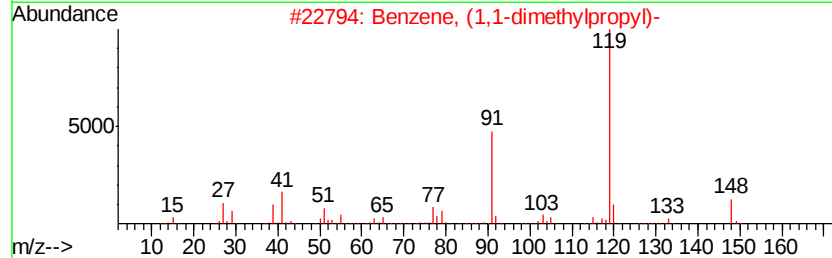
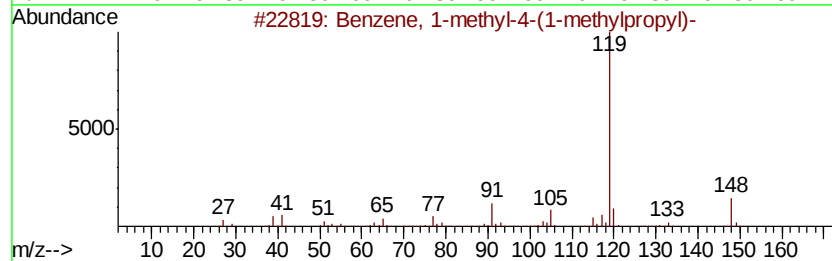
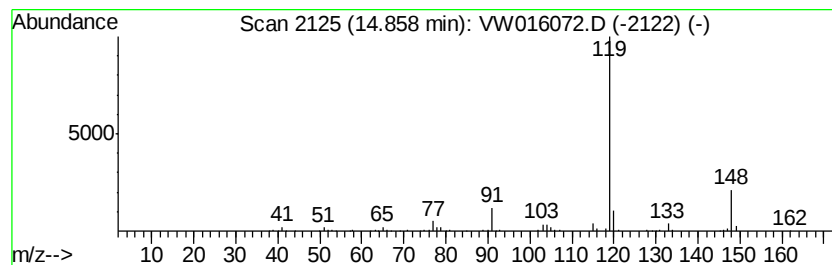
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Quant Title : VOC Analysis

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

Peak Number 26 p-Cymene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	2.54 ug/L	106667	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	90
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	83
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
4		p-Cymene	134	C10H14	000099-87-6	59
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080720\
Data File : VW016072.D
Acq On : 07 Aug 2020 12:59
Operator : SY/VA
Sample : L3579-09
Misc : 6.29G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFWP4

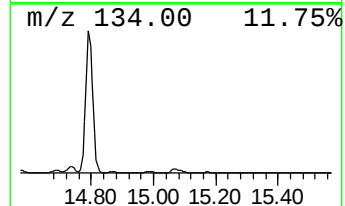
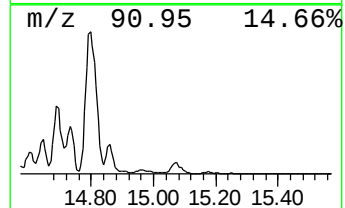
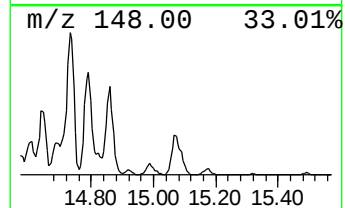
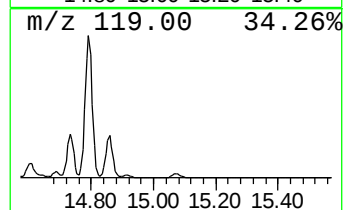
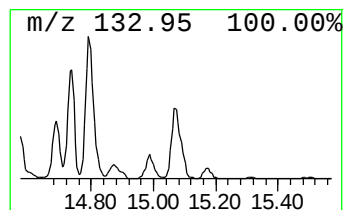
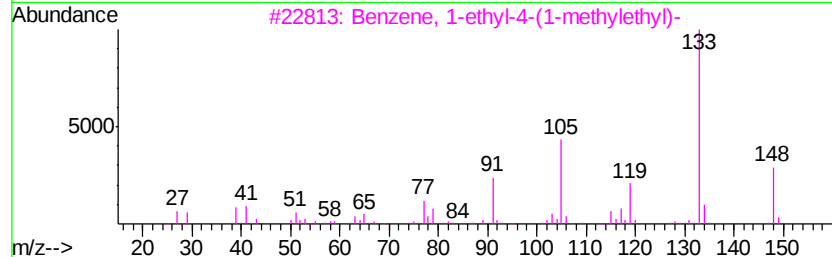
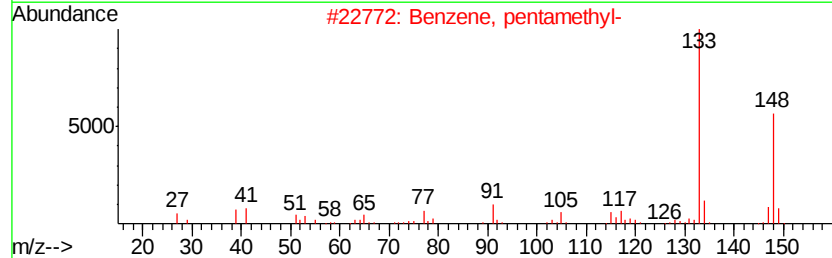
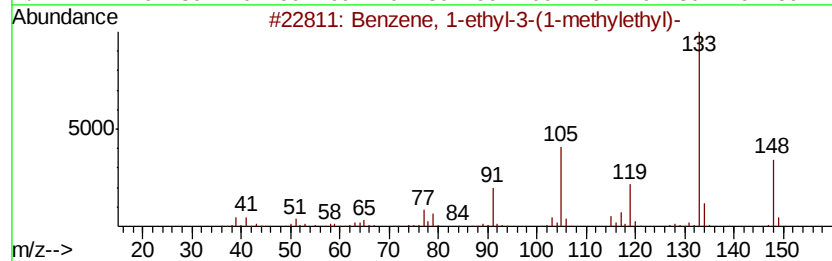
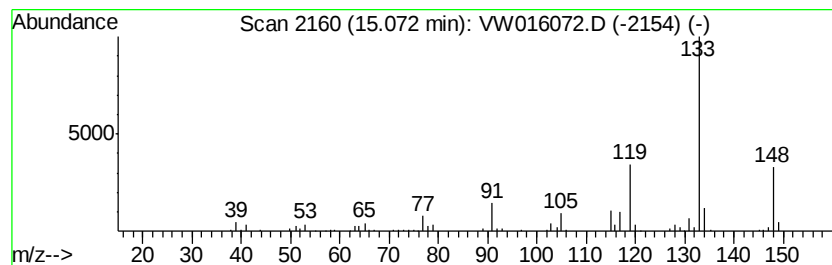
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

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

Peak Number 27 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	1.87 ug/L	78437	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	91
2		Benzene, pentamethyl-	148	C11H16	000700-12-9	90
3		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	90
4		Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	87
5		3,4-Dimethylcumene	148	C11H16	1000370-34-1	87



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080720\
 Data File : VW016072.D
 Acq On : 07 Aug 2020 12:59
 Operator : SY/VA
 Sample : L3579-09
 Misc : 6.29G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWP4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.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
1,6-Octadiene, 3,...	12.44	1.5	ug/L	56091	2	11.63	920275	25.0
(1R)-2,6,6-Trimet...	12.47	3.2	ug/L	116633	2	11.63	920275	25.0
(-)-trans-Pinane	12.91	3.4	ug/L	142392	3	13.56	1047920	25.0
Bicyclo[3.1.1]hep...	13.06	24.9	ug/L	1041930	3	13.56	1047920	25.0
Benzene, 1,2,4-tr...	13.26	2.2	ug/L	91006	3	13.56	1047920	25.0
Cyclohexene, 1-me...	13.40	3.5	ug/L	147146	3	13.56	1047920	25.0
D-Limonene	13.47	29.0	ug/L	1215310	3	13.56	1047920	25.0
Benzene, 1,4-diet...	13.72	4.5	ug/L	189560	3	13.56	1047920	25.0
Benzene, 1-methyl...	13.75	11.8	ug/L	492885	3	13.56	1047920	25.0
Benzene, 1-ethyl-...	13.79	25.8	ug/L	1081620	3	13.56	1047920	25.0
Benzene, 1-methyl...	13.95	6.3	ug/L	263108	3	13.56	1047920	25.0
Benzene, 2-ethyl-...	14.01	12.8	ug/L	537221	3	13.56	1047920	25.0
o-Cymene	14.04	13.5	ug/L	564274	3	13.56	1047920	25.0
Benzene, 1-methyl...	14.10	29.8	ug/L	1248170	3	13.56	1047920	25.0
1,4-Cyclohexadien...	14.21	6.5	ug/L	272841	3	13.56	1047920	25.0
Benzene, 4-ethyl-...	14.34	7.2	ug/L	299804	3	13.56	1047920	25.0
Benzene, 1,2,3,4-...	14.42	22.7	ug/L	951566	3	13.56	1047920	25.0
Benzene, 1,2,4,5-...	14.46	31.2	ug/L	1309040	3	13.56	1047920	25.0
Benzene, 2,4-diet...	14.50	7.3	ug/L	305982	3	13.56	1047920	25.0
Benzene, 1-methyl...	14.54	4.6	ug/L	192726	3	13.56	1047920	25.0
4-Isopropylpyridine	14.65	2.2	ug/L	91045	3	13.56	1047920	25.0
3-Phenylbut-1-ene	14.69	9.3	ug/L	387816	3	13.56	1047920	25.0
2-Propenal, 3-(2-...	14.73	4.3	ug/L	178407	3	13.56	1047920	25.0
Benzene, 1-methyl...	14.80	24.4	ug/L	1022370	3	13.56	1047920	25.0
p-Cymene	14.86	2.5	ug/L	106667	3	13.56	1047920	25.0
Benzene, 1-ethyl-...	15.07	1.9	ug/L	78437	3	13.56	1047920	25.0