

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW013020\
 Data File : VW014813.D
 Acq On : 30 Jan 2020 16:14
 Operator : SY/VA
 Sample : L1271-17
 Misc : 4.99G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT08

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\SOM2WLM012720S.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	2.306	64	66	69	rVB3	884	921	0.00%	0.000%
2	2.495	95	97	98	rBV2	1043	802	0.00%	0.000%
3	2.513	98	100	104	rVB5	1093	1832	0.00%	0.001%
4	2.580	109	111	115	rVV4	1437	1336	0.00%	0.001%
5	2.666	121	125	130	rVV5	1931	4280	0.00%	0.002%
6	2.721	133	134	138	rVB4	873	795	0.00%	0.000%
7	2.812	144	149	151	rBV3	482	684	0.00%	0.000%
8	2.843	151	154	157	rVB4	589	770	0.00%	0.000%
9	3.007	169	181	194	rBV	511784	1589329	1.33%	0.625%
10	3.349	235	237	238	rBV3	1162	1006	0.00%	0.000%
11	3.379	238	242	251	rVB3	3775	9406	0.01%	0.004%
12	3.903	314	328	345	rBV	73897	268993	0.23%	0.106%
13	4.037	349	350	354	rVB2	899	962	0.00%	0.000%
14	4.080	354	357	358	rBV2	1131	1229	0.00%	0.000%
15	4.105	358	361	362	rBV3	940	1204	0.00%	0.000%
16	4.184	373	374	379	rVB4	1094	975	0.00%	0.000%
17	4.434	408	415	419	rBV4	910	2029	0.00%	0.001%
18	4.659	449	452	455	rBV2	453	712	0.00%	0.000%
19	5.050	505	516	528	rVB3	7843	29261	0.02%	0.012%
20	5.562	596	600	603	rBV3	427	796	0.00%	0.000%
21	5.921	656	659	662	rBV3	651	866	0.00%	0.000%
22	6.165	697	699	703	rBV2	968	1105	0.00%	0.000%
23	6.293	716	720	722	rBV3	867	1183	0.00%	0.000%
24	6.452	736	746	755	rBV	72748	241790	0.20%	0.095%
25	6.568	757	765	783	rVB	97207	335210	0.28%	0.132%
26	7.013	834	838	840	rBV4	813	1075	0.00%	0.000%
27	7.171	852	864	878	rBV	640448	1875369	1.58%	0.737%
28	7.269	878	880	884	rVB4	884	1064	0.00%	0.000%
29	7.500	917	918	920	rBV2	837	813	0.00%	0.000%
30	7.805	965	968	971	rVB4	638	859	0.00%	0.000%
31	7.909	973	985	1005	rBV2	1275160	4115925	3.46%	1.618%
32	8.403	1061	1066	1069	rBV5	1280	1969	0.00%	0.001%
33	8.579	1085	1095	1106	rBV	1479739	3004448	2.52%	1.181%
34	8.829	1127	1136	1146	rBV9	4777	14422	0.01%	0.006%

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Integration Parameters: LSCINT.P

Integrator: RTE
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 Title : VOC Analysis

35	8.976	1158	1160	1162	rBV2	960	819	0.00%	0.000%
36	9.049	1162	1172	1183	rBV	848698	1845359	1.55%	0.725%
37	9.433	1233	1235	1237	rBV3	983	1021	0.00%	0.000%
38	9.494	1237	1245	1250	rVB8	3399	8592	0.01%	0.003%
39	9.738	1278	1285	1289	rBV5	1596	3101	0.00%	0.001%
40	9.829	1297	1300	1301	rBV	853	785	0.00%	0.000%
41	9.890	1302	1310	1320	rBV	448585	815683	0.69%	0.321%
42	10.085	1336	1342	1350	rBV	6774	12748	0.01%	0.005%
43	10.195	1352	1360	1367	rBV	1960851	3443462	2.89%	1.353%
44	10.262	1367	1371	1378	rVB	51974	93062	0.08%	0.037%
45	10.402	1388	1394	1396	rBV5	2254	2912	0.00%	0.001%
46	10.475	1399	1406	1421	rBV	253433	466540	0.39%	0.183%
47	10.628	1424	1431	1438	rBV	98213	178257	0.15%	0.070%
48	10.768	1447	1454	1459	rBV8	6158	13674	0.01%	0.005%
49	10.841	1459	1466	1478	rBV	263042	471359	0.40%	0.185%
50	11.012	1488	1494	1502	rBV	90543	151245	0.13%	0.059%
51	11.140	1513	1515	1517	rBV3	2213	2575	0.00%	0.001%
52	11.396	1553	1557	1563	rVB3	24424	43461	0.04%	0.017%
53	11.573	1579	1586	1593	rBV	1819669	3137814	2.64%	1.233%
54	12.134	1673	1678	1686	rVB4	17075	33593	0.03%	0.013%
55	12.329	1705	1710	1711	rBV4	5379	8624	0.01%	0.003%
56	12.396	1714	1721	1724	rBV3	16051	42204	0.04%	0.017%
57	12.591	1748	1753	1759	rVB	119101	204365	0.17%	0.080%
58	12.670	1759	1766	1773	rVB	506949	834351	0.70%	0.328%
59	12.749	1775	1779	1780	rBV4	11444	14208	0.01%	0.006%
60	12.865	1784	1798	1805	rBV4	170807	844585	0.71%	0.332%
61	13.292	1853	1868	1882	rBV5	201609	880964	0.74%	0.346%
62	13.438	1885	1892	1902	rVV2	93149	327614	0.28%	0.129%
63	13.542	1903	1909	1919	rVB	1559466	2690694	2.26%	1.058%
64	13.706	1932	1936	1938	rBV3	20040	35782	0.03%	0.014%
65	13.743	1938	1942	1943	rBV2	25189	31585	0.03%	0.012%
66	13.774	1944	1947	1952	rVB	162593	241252	0.20%	0.095%
67	13.841	1952	1958	1967	rBV	1166957	1887597	1.59%	0.742%
68	13.938	1969	1974	1980	rBV3	59039	140270	0.12%	0.055%
69	13.999	1980	1984	1985	rBV	89443	96631	0.08%	0.038%
70	14.030	1986	1989	1991	rBV	113007	137362	0.12%	0.054%
71	14.084	1996	1998	2002	rVB	224116	273440	0.23%	0.107%

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72	14.133	2002	2006	2012	rVB	265554	480167	0.40%	0.189%
73	14.225	2012	2021	2026	rBV	2900041	4428288	3.72%	1.741%
74	14.280	2026	2030	2034	rVB	366597	535620	0.45%	0.211%
75	14.328	2034	2038	2043	rVB	205588	320127	0.27%	0.126%
76	14.408	2045	2051	2054	rBV	1045220	1644087	1.38%	0.646%
77	14.450	2054	2058	2063	rVV	2618901	4084036	3.43%	1.605%
78	14.493	2063	2065	2069	rVV	731804	972305	0.82%	0.382%
79	14.548	2069	2074	2079	rVB2	2344351	3683665	3.09%	1.448%
80	14.633	2085	2088	2092	rBV	117918	144373	0.12%	0.057%
81	14.682	2092	2096	2099	rBV	473243	726650	0.61%	0.286%
82	14.718	2099	2102	2107	rVB2	557453	835681	0.70%	0.328%
83	14.786	2107	2113	2120	rBV2	4846898	9189135	7.72%	3.612%
84	14.859	2120	2125	2128	rBV4	976453	1733641	1.46%	0.681%
85	14.944	2134	2139	2147	rVB	7920425	13760687	11.56%	5.409%
86	15.023	2147	2152	2154	rBV3	411869	713055	0.60%	0.280%
87	15.060	2154	2158	2161	rBV2	933397	1551062	1.30%	0.610%
88	15.170	2171	2176	2183	rBV3	1314502	3414217	2.87%	1.342%
89	15.310	2189	2199	2203	rBV5	2408394	5960826	5.01%	2.343%
90	15.359	2204	2207	2214	rVB	1989447	3333613	2.80%	1.310%
91	15.468	2221	2225	2230	rVV2	801015	1247790	1.05%	0.490%
92	15.523	2230	2234	2235	rVV	498777	733341	0.62%	0.288%
93	15.554	2235	2239	2244	rVB	2033466	2970963	2.50%	1.168%
94	15.651	2250	2255	2260	rBV	1483532	3061839	2.57%	1.203%
95	15.712	2261	2265	2273	rVB3	1447804	3292411	2.77%	1.294%
96	15.840	2279	2286	2293	rBV2	1835738	4577342	3.84%	1.799%
97	15.962	2299	2306	2312	rBV3	1875198	5185017	4.35%	2.038%
98	16.371	2367	2373	2378	rBV	1364731	2912449	2.45%	1.145%
99	16.438	2378	2384	2390	rBV	11369872	22930305	19.26%	9.013%
100	16.645	2409	2418	2429	rVB2	50279896	119069480	100.00%	46.800%

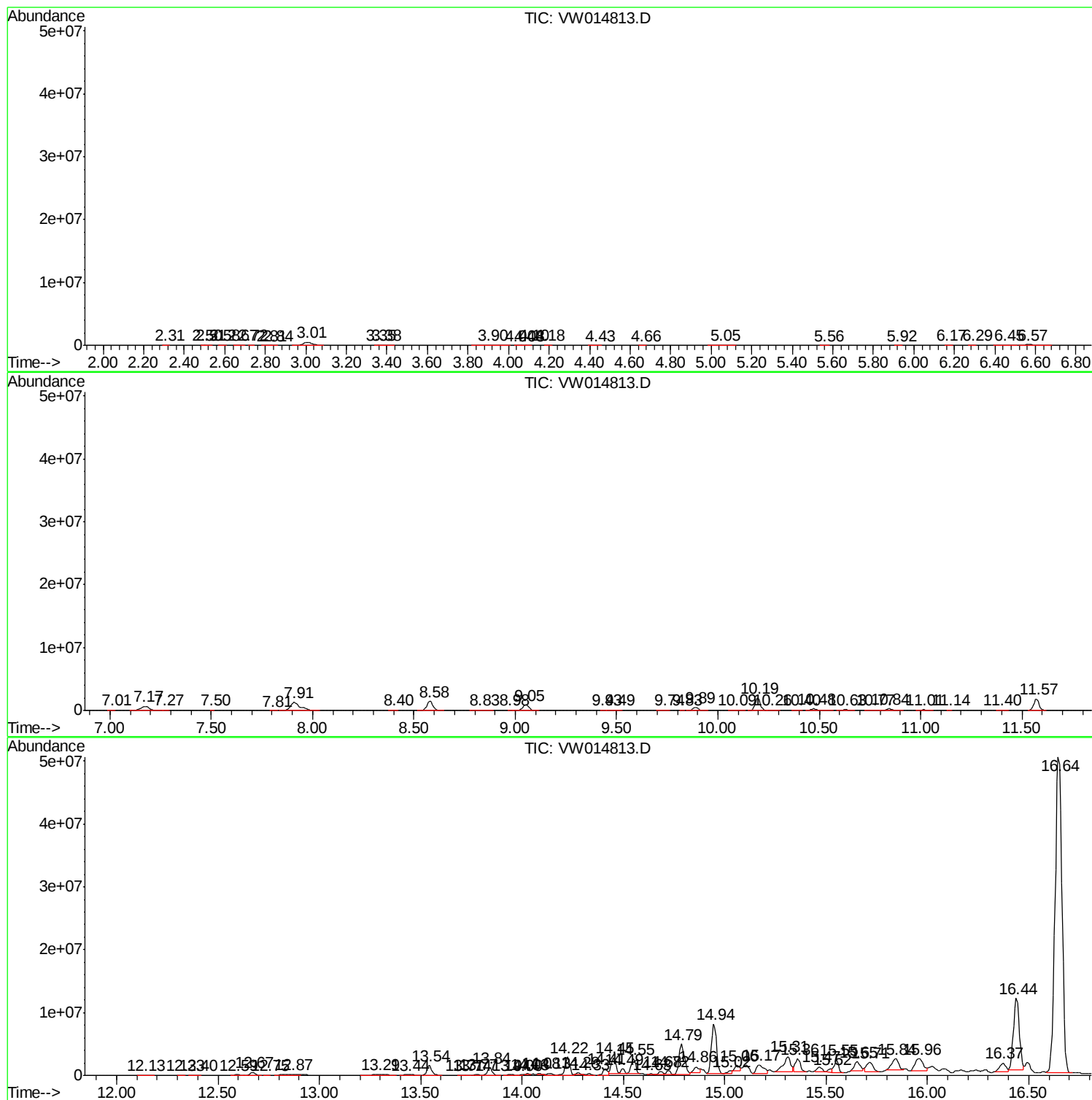
Sum of corrected areas: 254423182

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Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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



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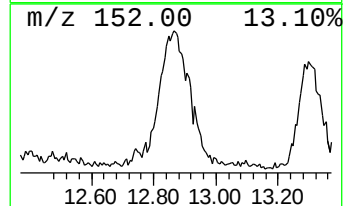
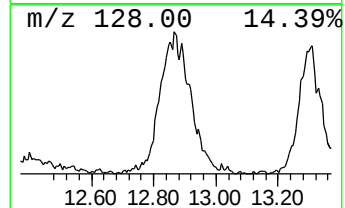
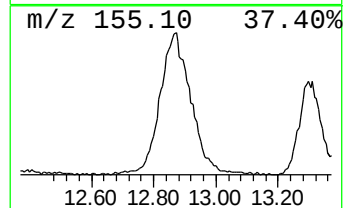
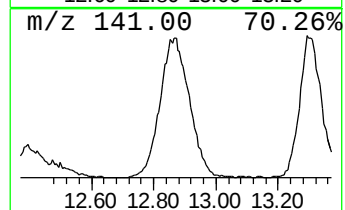
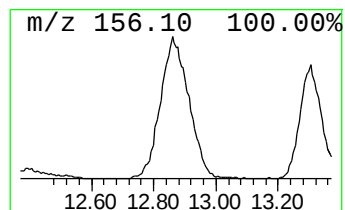
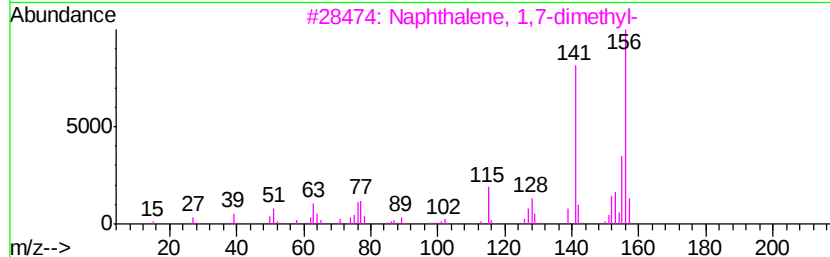
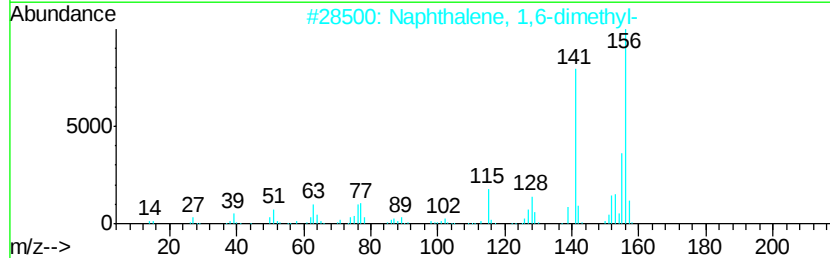
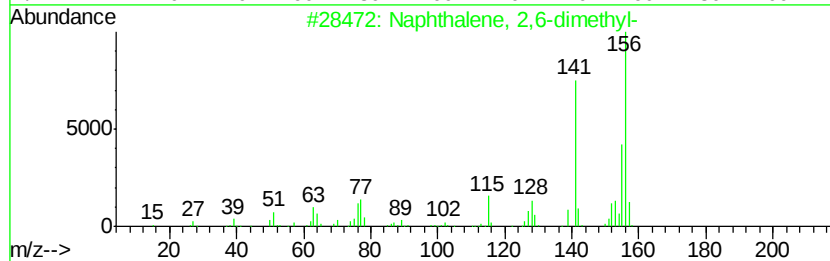
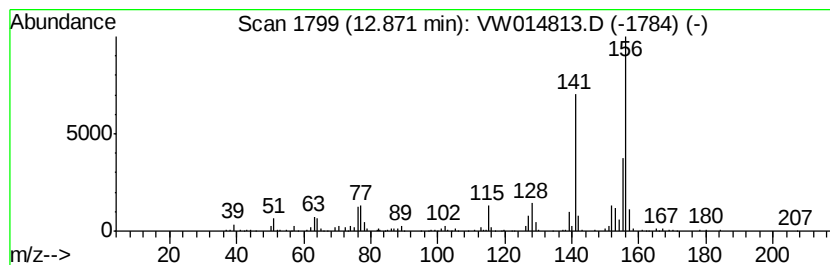
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	7.85 ug/L	844585	1,4-Dichlorobenzene-d4	13.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



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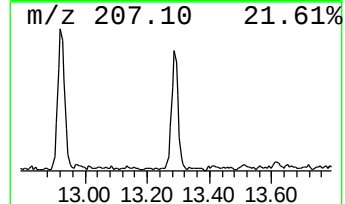
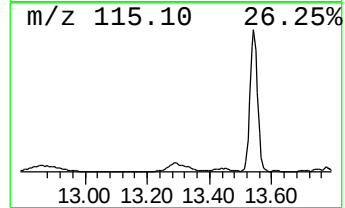
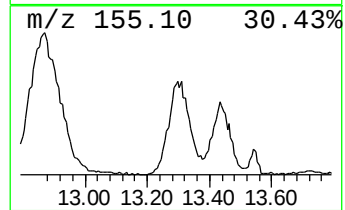
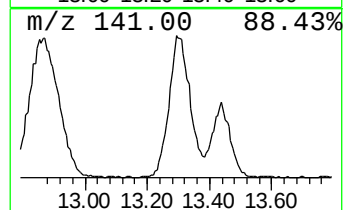
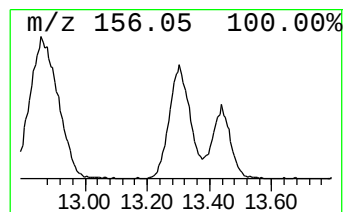
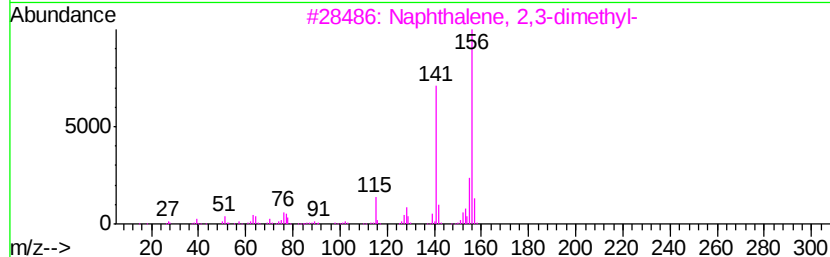
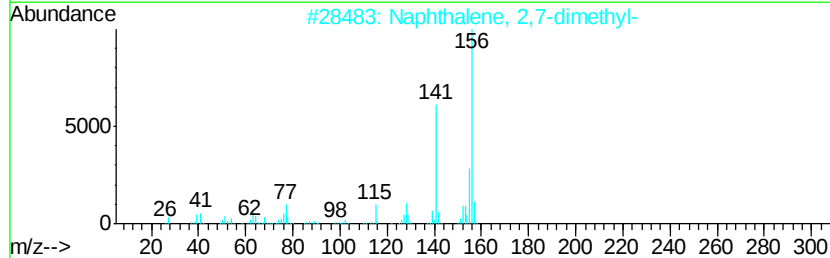
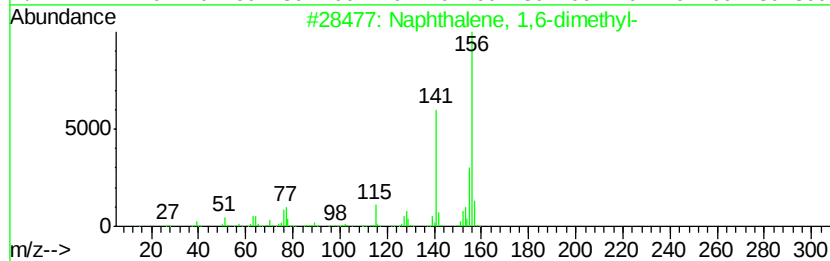
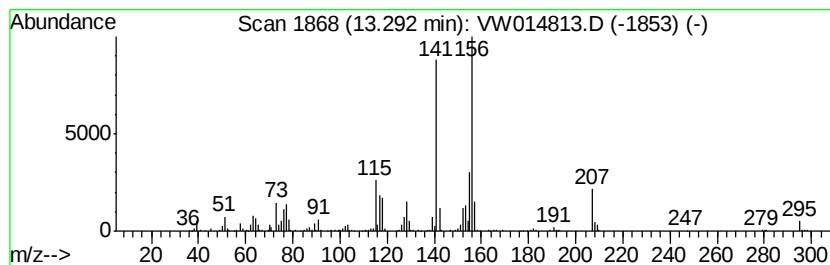
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	8.19 ug/L	880964	1,4-Dichlorobenzene-d4	13.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96
2		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 96
3		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 96
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96



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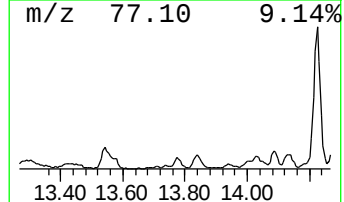
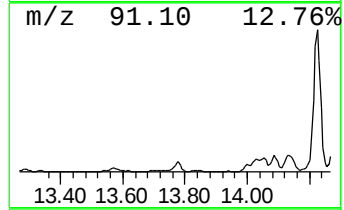
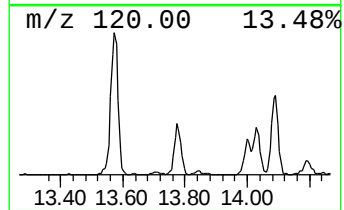
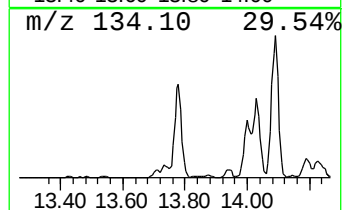
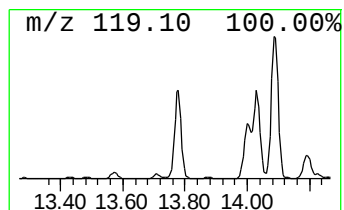
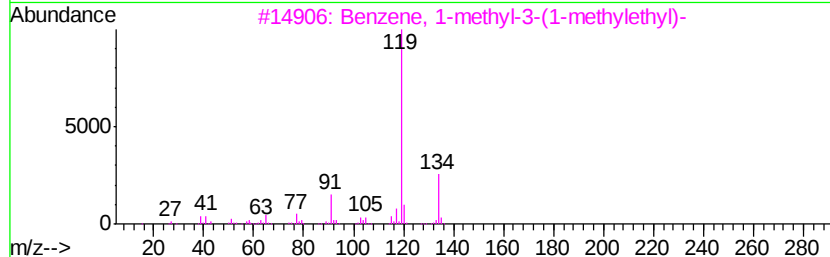
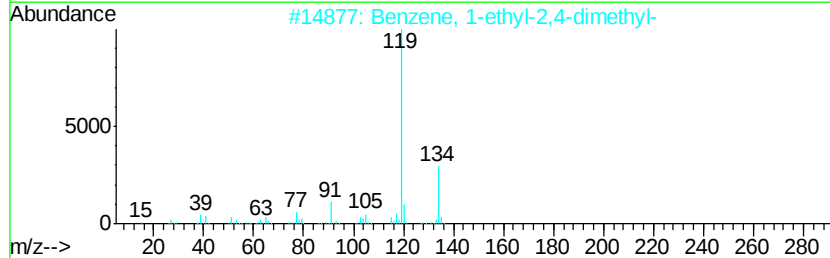
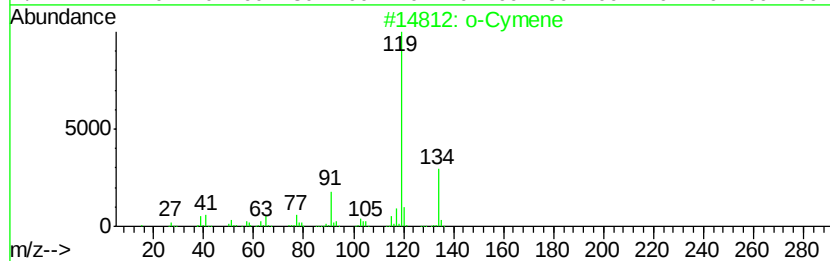
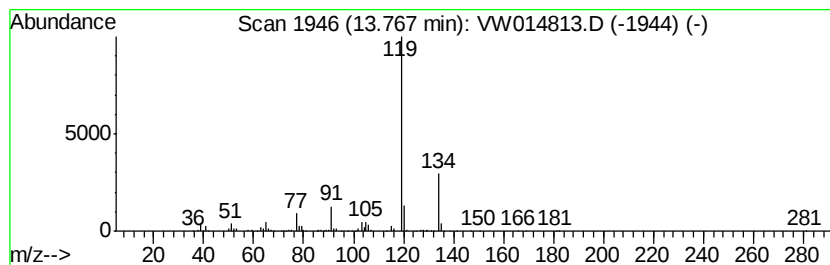
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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

Peak Number 8 o-Cymene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	2.24 ug/L	241252	1,4-Dichlorobenzene-d4	13.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	91
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
3		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014813.D
Acq On : 30 Jan 2020 16:14
Operator : SY/VA
Sample : L1271-17
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

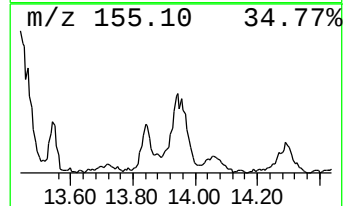
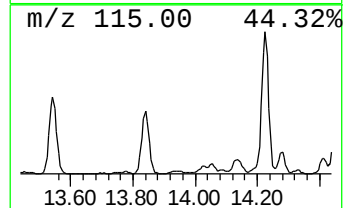
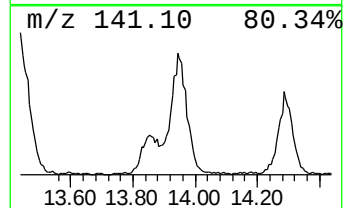
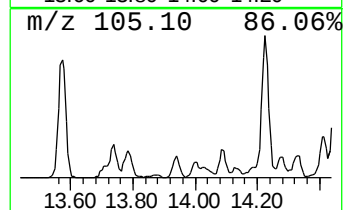
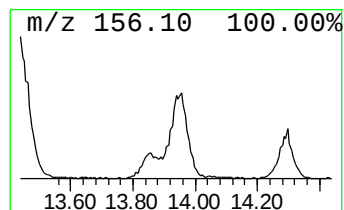
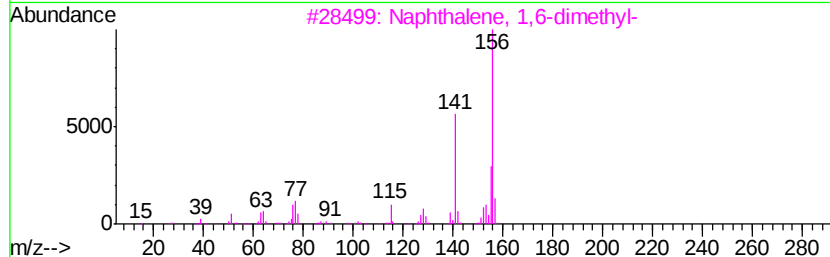
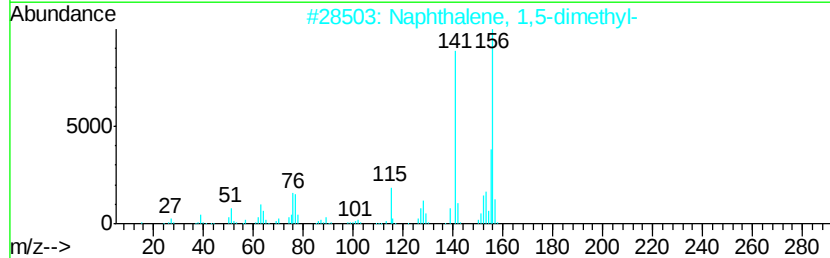
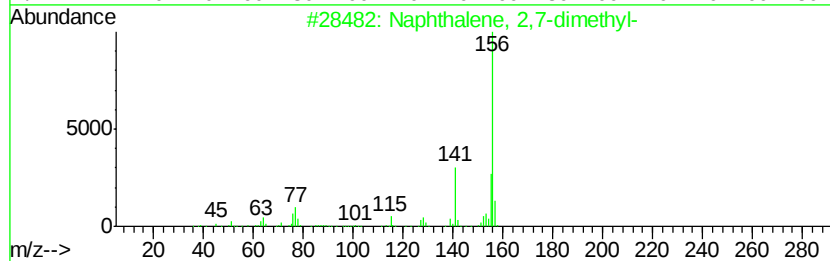
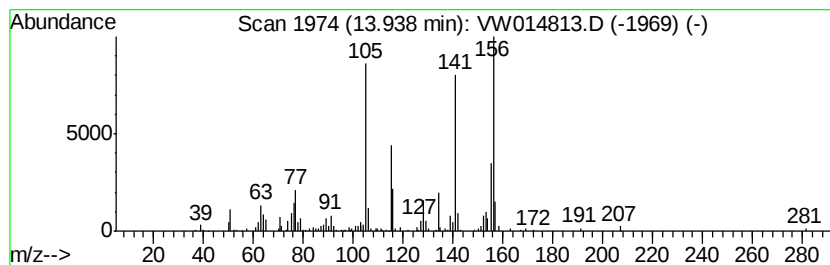
Instrument :
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ClientSampleId :
GAT08

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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

Peak Number 9 Naphthalene, 2,7-dimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	1.30 ug/L	140270	1,4-Dichlorobenzene-d4	13.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 96
2		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 96
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014813.D
Acq On : 30 Jan 2020 16:14
Operator : SY/VA
Sample : L1271-17
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT08

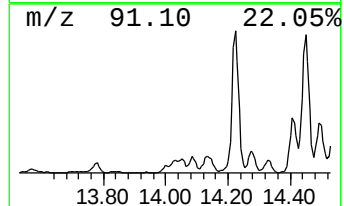
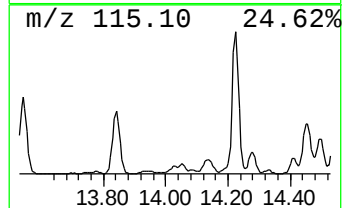
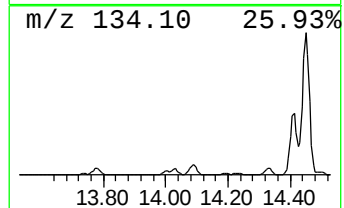
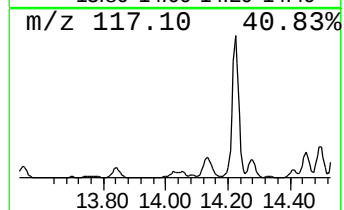
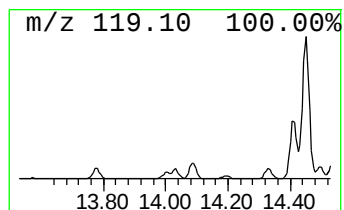
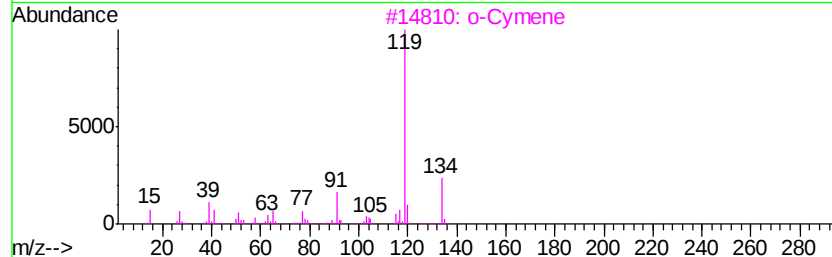
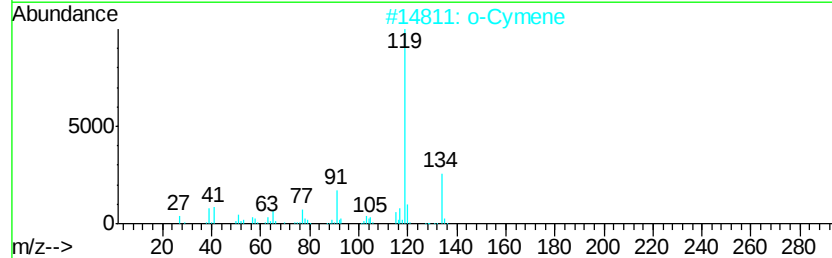
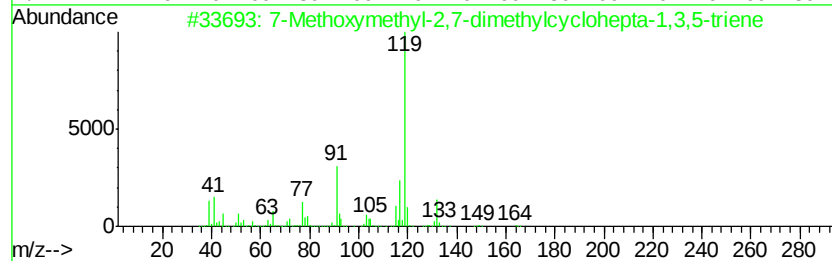
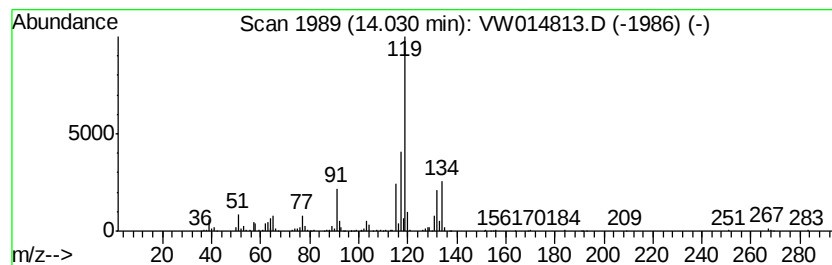
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Quant Title : VOC Analysis

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

Peak Number 10 7-Methoxymethyl-2,7-dimethy... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	1.28 ug/L	137362	1,4-Dichlorobenzene-d4	13.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Methoxymethyl-2,7-dimethylcyclo...	164	C11H16O	073992-48-0	64
2			o-Cymene	134	C10H14	000527-84-4	60
3			o-Cymene	134	C10H14	000527-84-4	53
4			p-Cymene	134	C10H14	000099-87-6	53
5			p-Cymene	134	C10H14	000099-87-6	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014813.D
Acq On : 30 Jan 2020 16:14
Operator : SY/VA
Sample : L1271-17
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT08

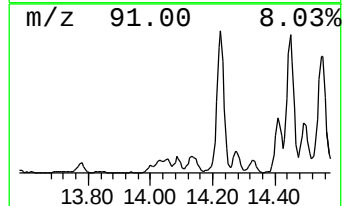
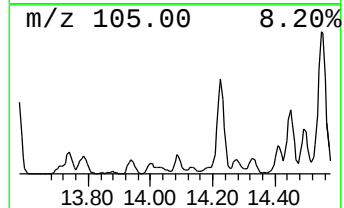
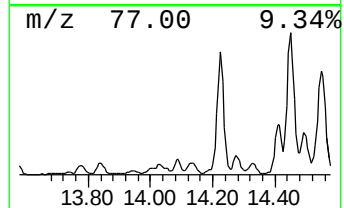
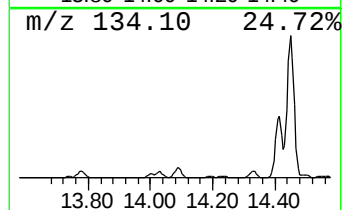
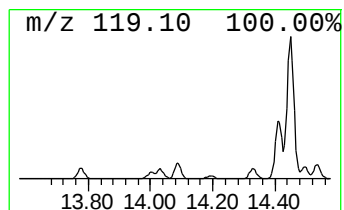
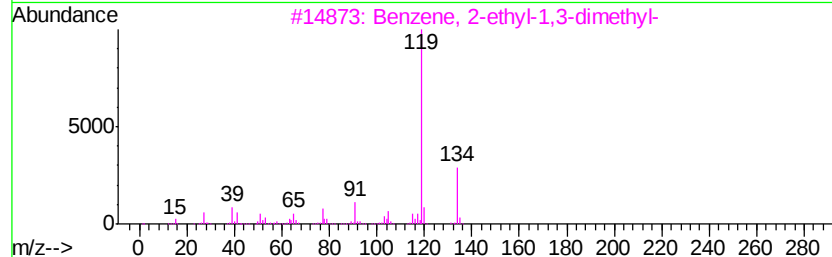
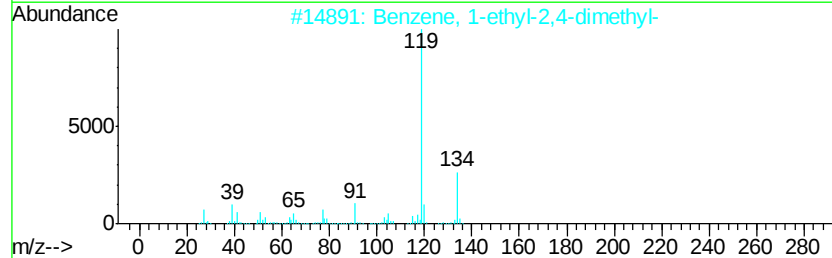
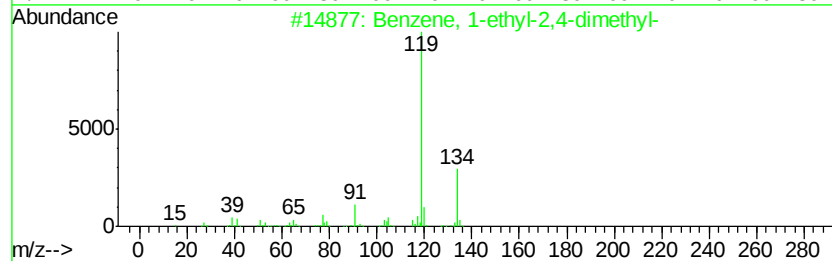
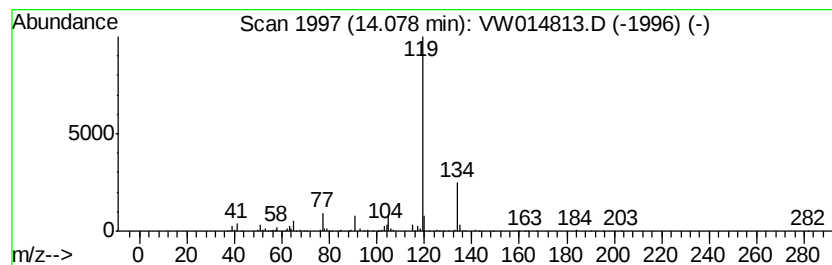
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Quant Title : VOC Analysis

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

Peak Number 11 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	2.54 ug/L	273440	1,4-Dichlorobenzene-d4	13.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014813.D
Acq On : 30 Jan 2020 16:14
Operator : SY/VA
Sample : L1271-17
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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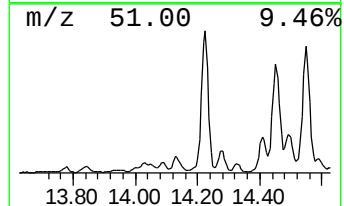
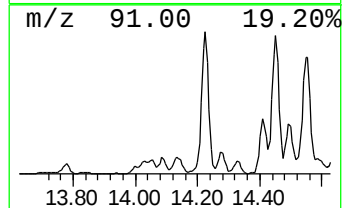
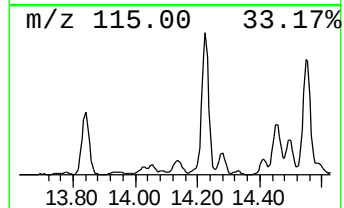
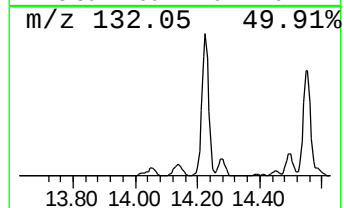
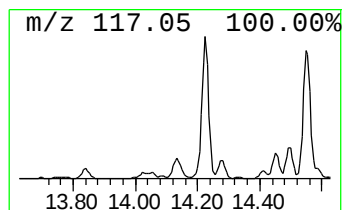
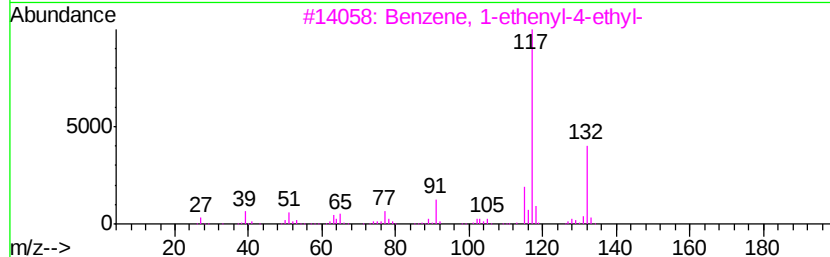
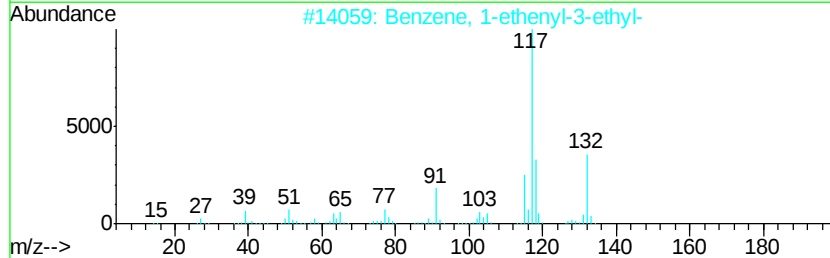
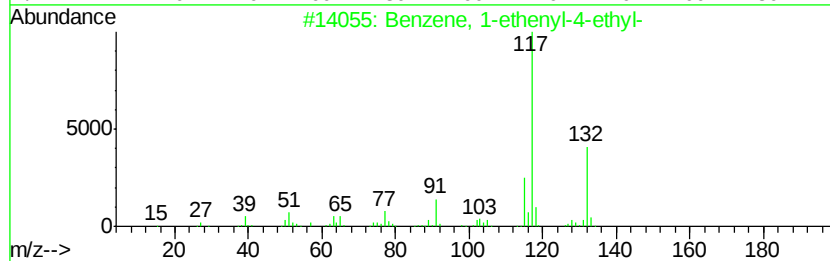
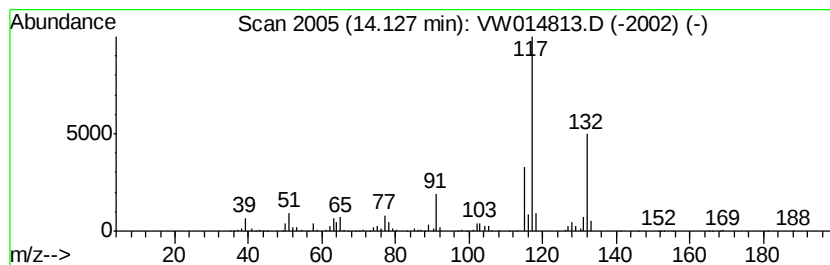
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Quant Title : VOC Analysis

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

Peak Number 12 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	4.46 ug/L	480167	1,4-Dichlorobenzene-d4	13.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
2		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014813.D
Acq On : 30 Jan 2020 16:14
Operator : SY/VA
Sample : L1271-17
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

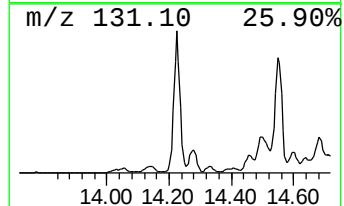
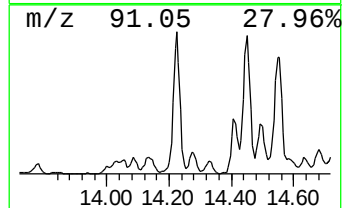
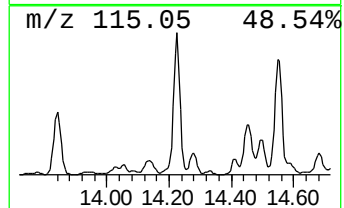
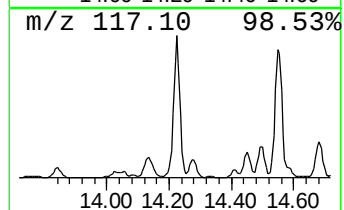
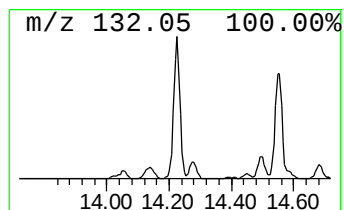
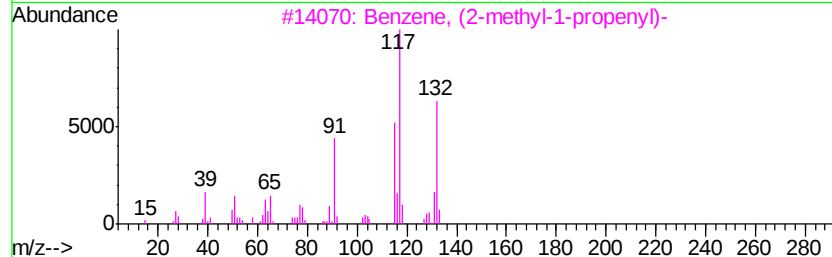
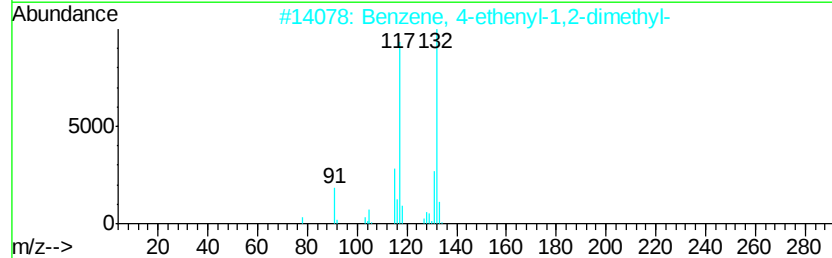
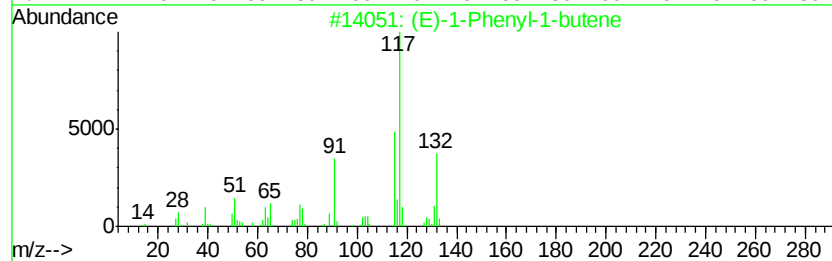
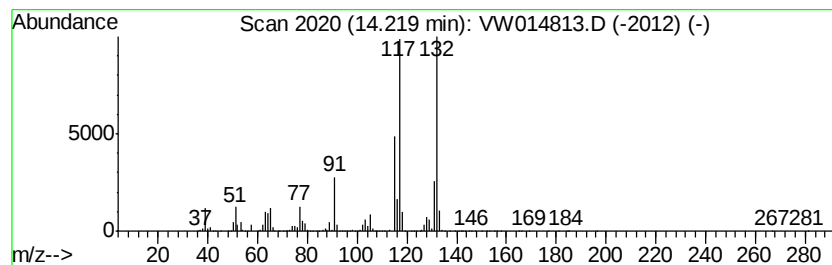
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 13 (E)-1-Phenyl-1-butene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	41.14 ug/L	4428290	1,4-Dichlorobenzene-d4	13.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		(E)-1-Phenyl-1-butene	132 C10H12	001005-64-7 95
2		Benzene, 4-ethenyl-1,2-dimethyl-	132 C10H12	027831-13-6 95
3		Benzene, (2-methyl-1-propenyl)-	132 C10H12	000768-49-0 95
4		Benzene, (2-methyl-2-propenyl)-	132 C10H12	003290-53-7 95
5		Benzene, 1-ethenyl-3,5-dimethyl-	132 C10H12	005379-20-4 94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014813.D
Acq On : 30 Jan 2020 16:14
Operator : SY/VA
Sample : L1271-17
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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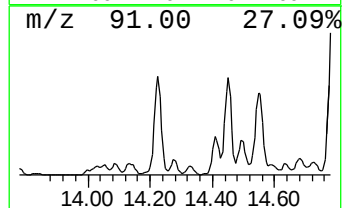
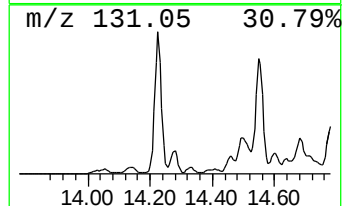
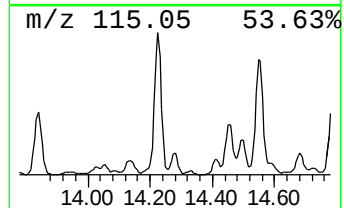
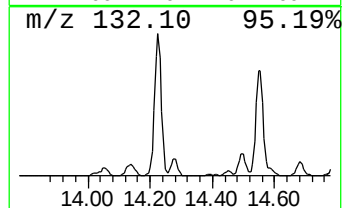
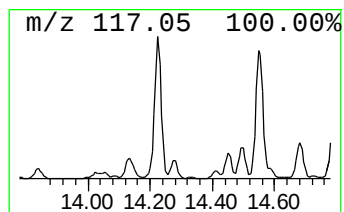
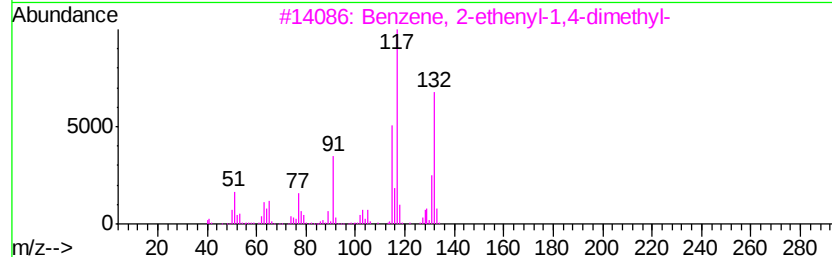
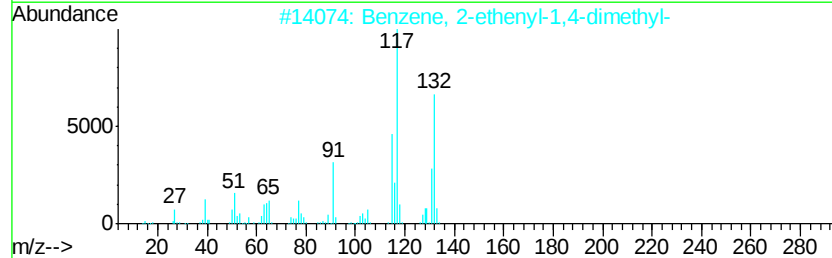
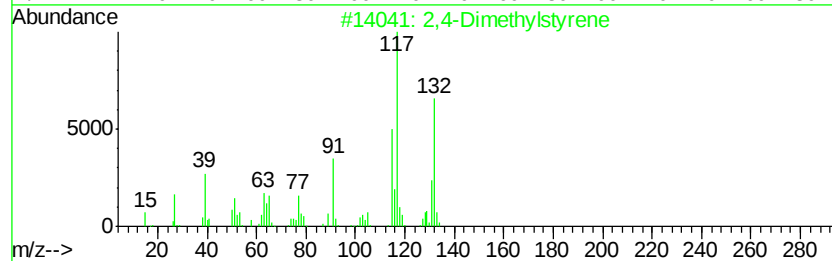
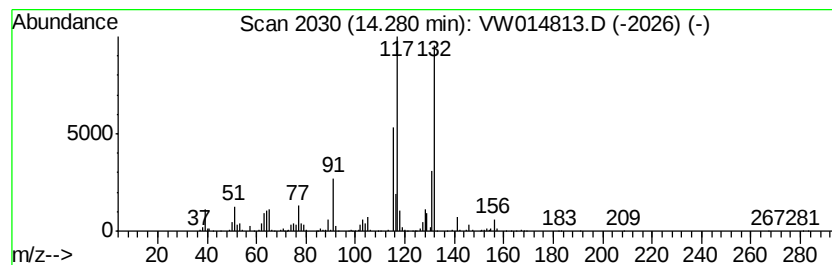
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Quant Title : VOC Analysis

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

Peak Number 14 2,4-Dimethylstyrene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	4.98 ug/L	535620	1,4-Dichlorobenzene-d4	13.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Dimethylstvrene	132	C10H12	002234-20-0	97
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
3		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
4		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	93
5		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014813.D
Acq On : 30 Jan 2020 16:14
Operator : SY/VA
Sample : L1271-17
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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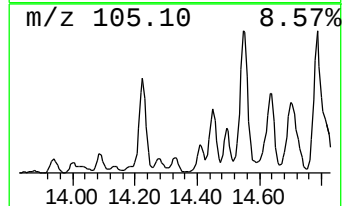
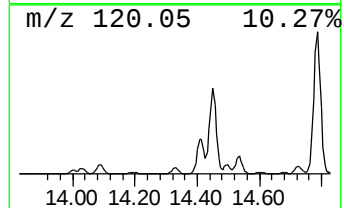
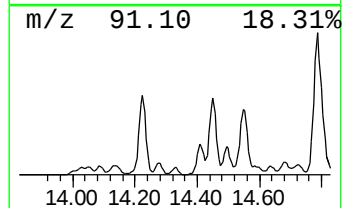
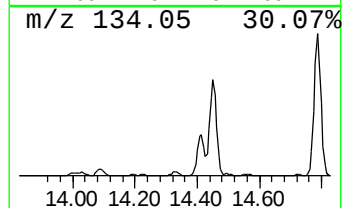
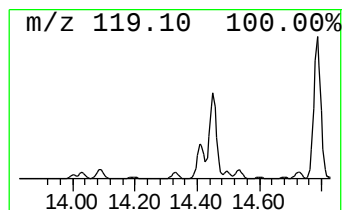
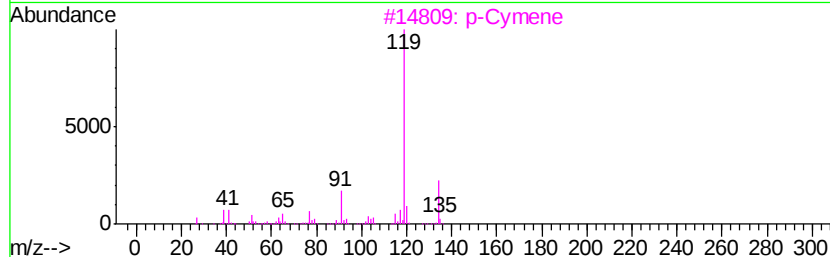
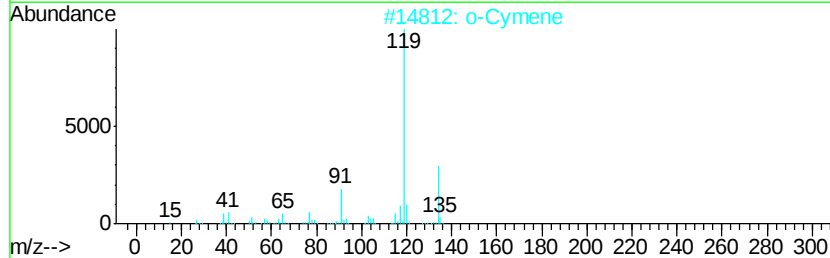
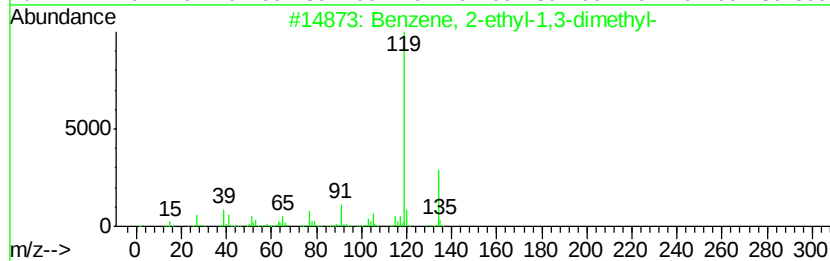
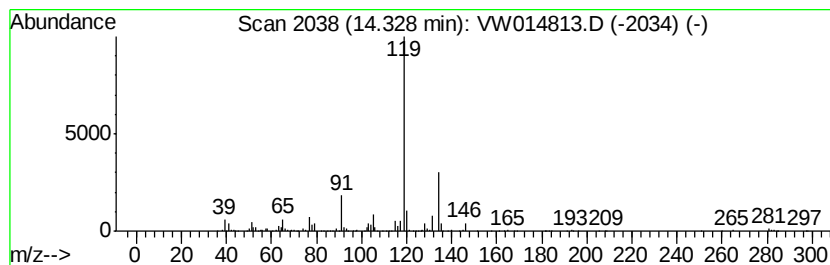
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Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	2.97 ug/L	320127	1,4-Dichlorobenzene-d4	13.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
2		o-Cymene	134	C10H14	000527-84-4	91
3		p-Cymene	134	C10H14	000099-87-6	87
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014813.D
Acq On : 30 Jan 2020 16:14
Operator : SY/VA
Sample : L1271-17
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT08

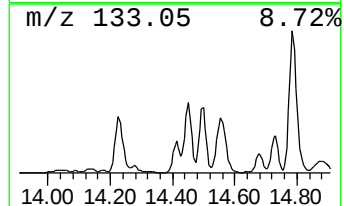
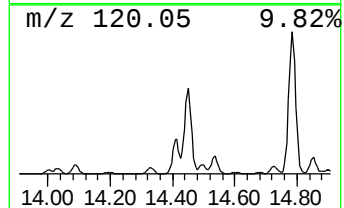
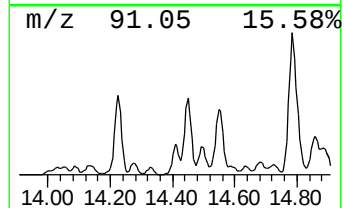
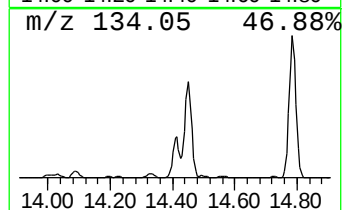
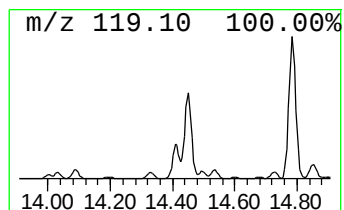
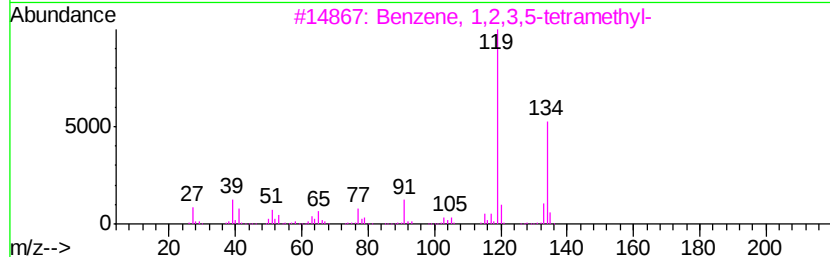
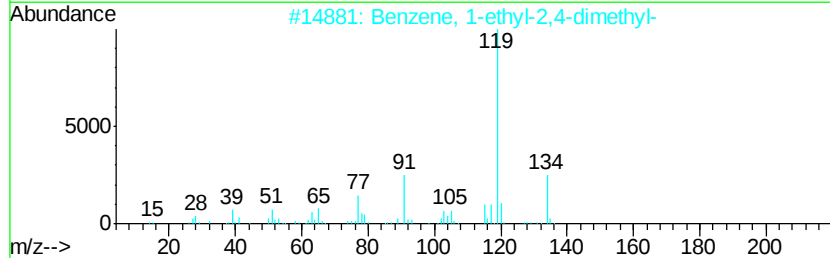
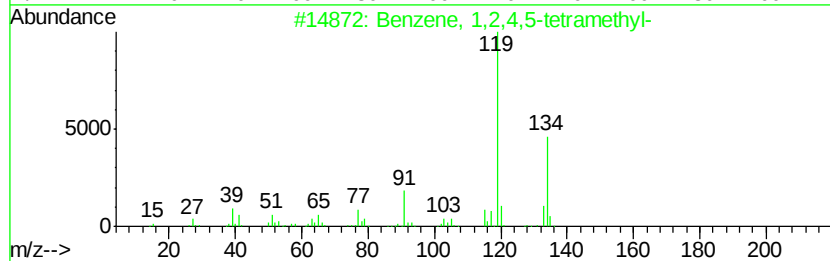
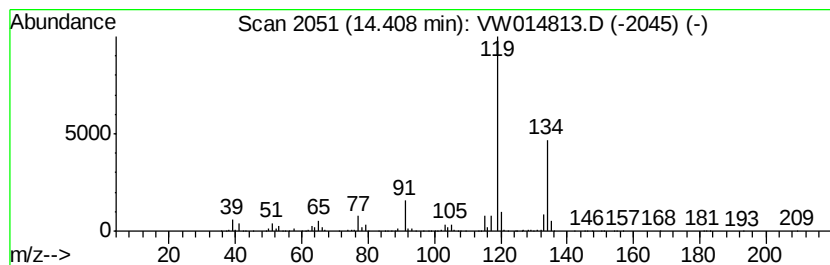
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Quant Title : VOC Analysis

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

Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	15.28 ug/L	1644090	1,4-Dichlorobenzene-d4	13.54

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-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	96
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014813.D
Acq On : 30 Jan 2020 16:14
Operator : SY/VA
Sample : L1271-17
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT08

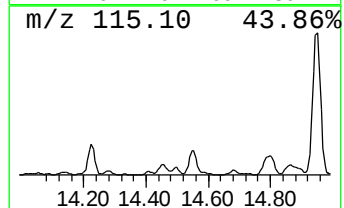
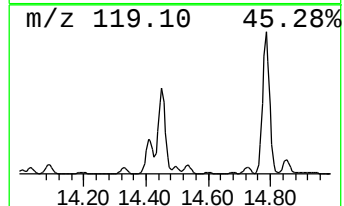
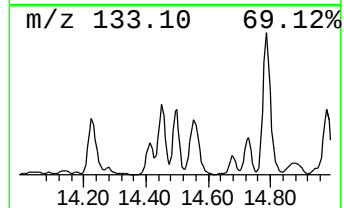
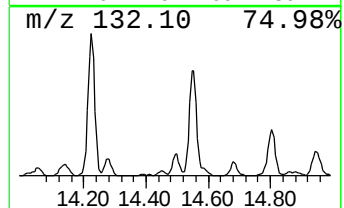
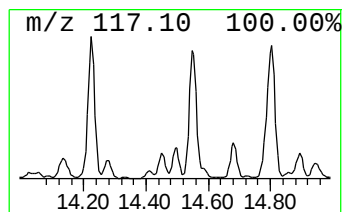
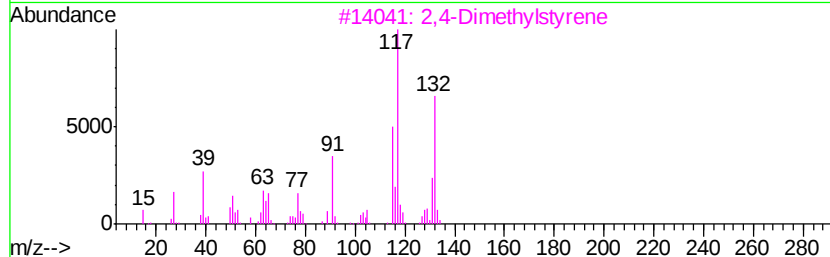
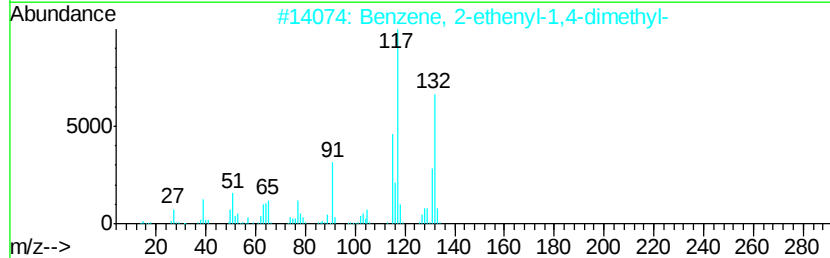
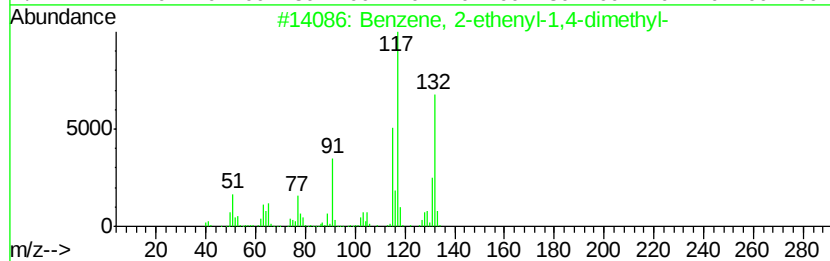
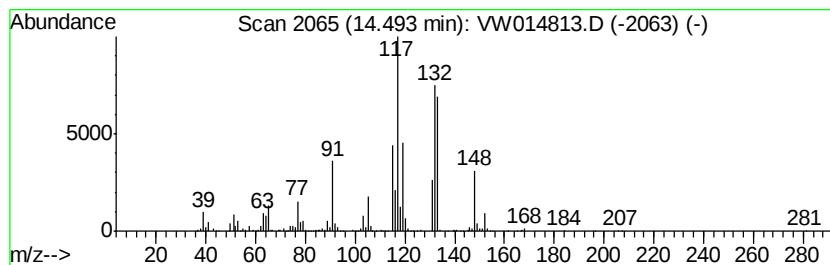
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Quant Title : VOC Analysis

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

Peak Number 18 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	9.03 ug/L	972305	1,4-Dichlorobenzene-d4	13.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
3		2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
4		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70
5		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014813.D
Acq On : 30 Jan 2020 16:14
Operator : SY/VA
Sample : L1271-17
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAT08

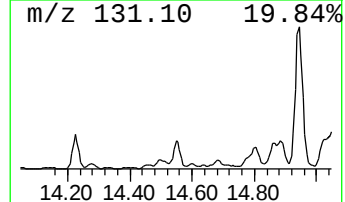
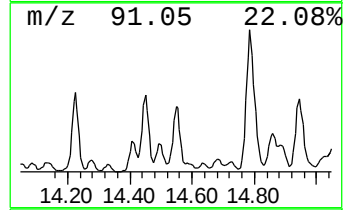
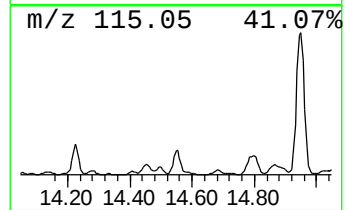
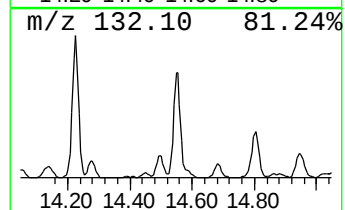
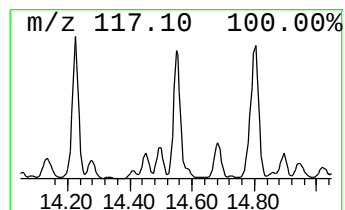
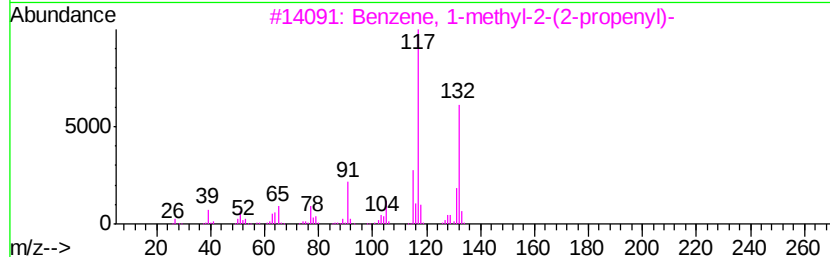
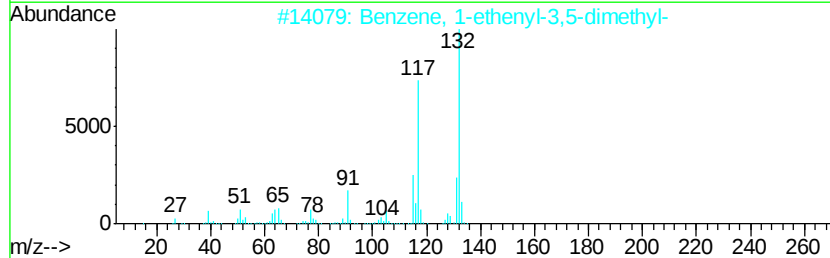
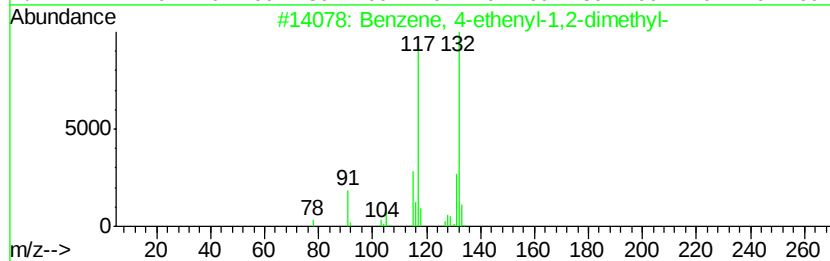
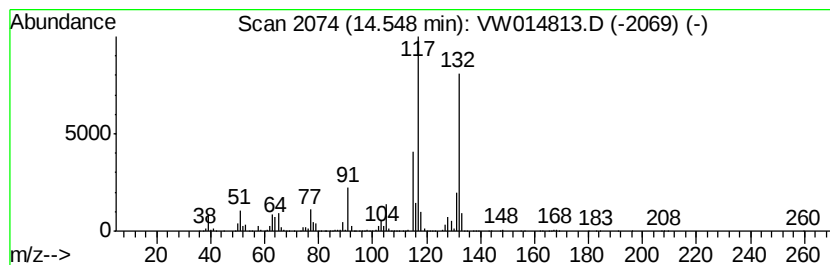
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Quant Title : VOC Analysis

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

Peak Number 19 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	34.23 ug/L	3683670	1,4-Dichlorobenzene-d4	13.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	97
2		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	97
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
4		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
5		Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014813.D
Acq On : 30 Jan 2020 16:14
Operator : SY/VA
Sample : L1271-17
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT08

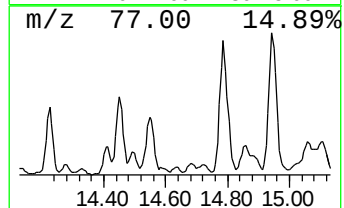
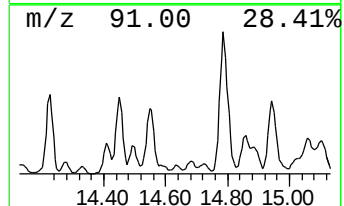
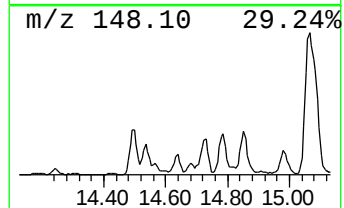
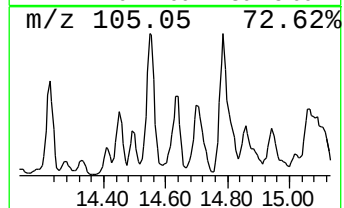
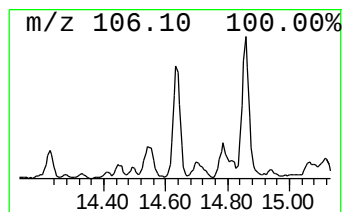
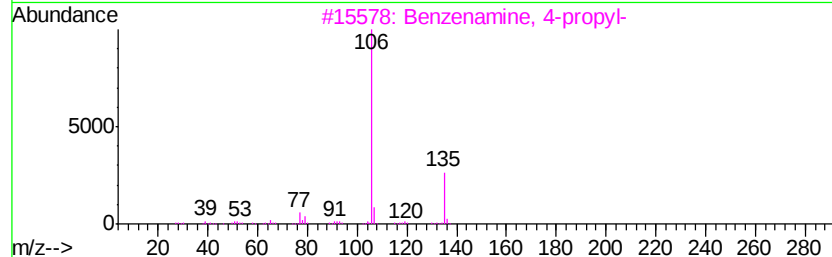
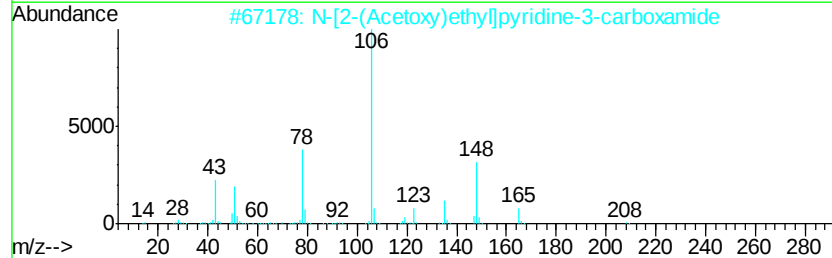
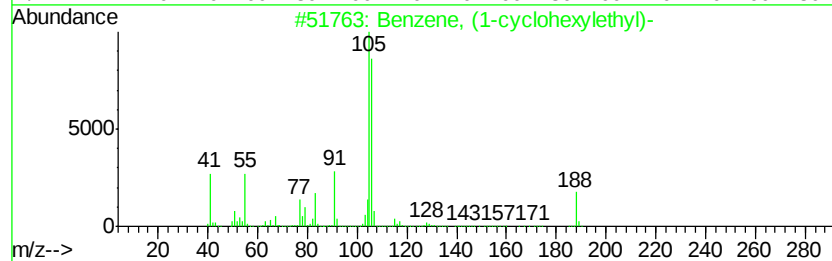
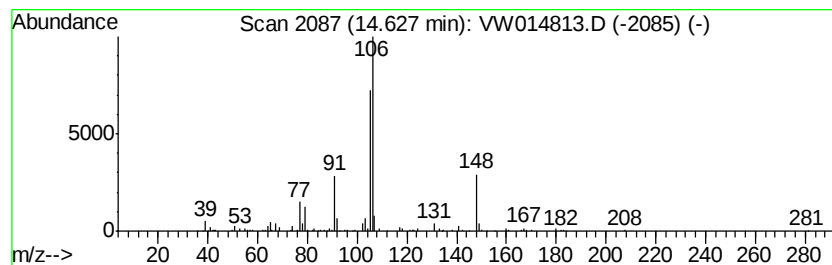
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Quant Title : VOC Analysis

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

Peak Number 20 Benzene, (1-cyclohexylethyl)- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	1.34 ug/L	144373	1,4-Dichlorobenzene-d4	13.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-cyclohexylethyl)-	188	C14H20	004413-16-5	59
2		N-[2-(Acetoxy)ethyl]pyridine-3-carboxamide	208	C10H12N2O3	083440-03-3	53
3		Benzenamine, 4-propyl-	135	C9H13N	002696-84-6	47
4		Pyridine, 2-ethyl-5-methyl-	121	C8H11N	018113-81-0	47
5		Benzenamine, 2-ethyl-	121	C8H11N	000578-54-1	47



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014813.D
Acq On : 30 Jan 2020 16:14
Operator : SY/VA
Sample : L1271-17
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT08

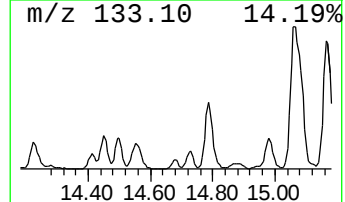
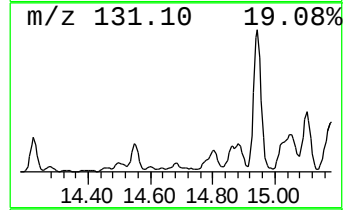
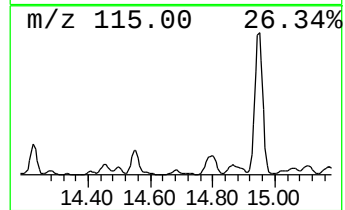
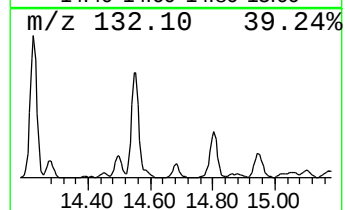
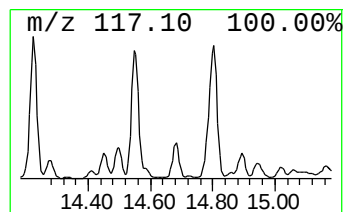
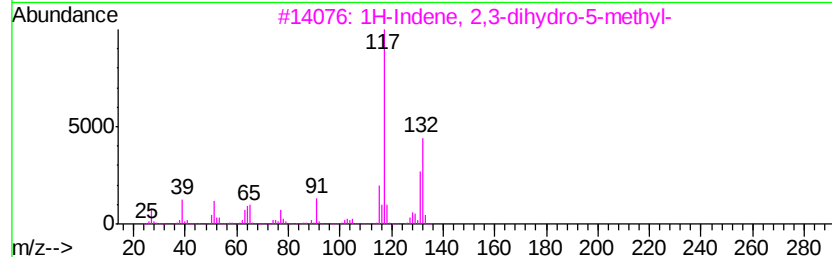
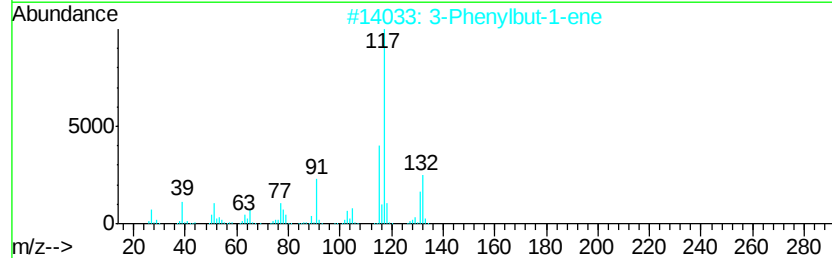
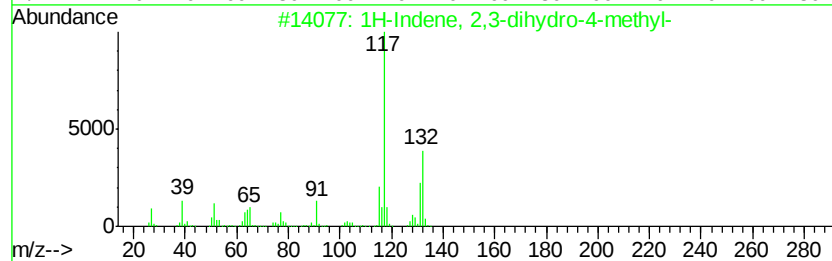
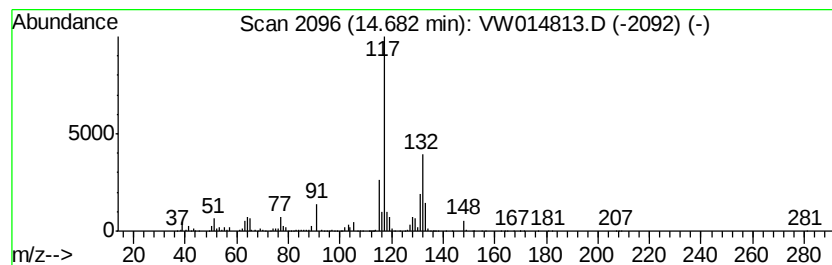
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Quant Title : VOC Analysis

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

Peak Number 21 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	6.75 ug/L	726650	1,4-Dichlorobenzene-d4	13.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
2			3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014813.D
Acq On : 30 Jan 2020 16:14
Operator : SY/VA
Sample : L1271-17
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT08

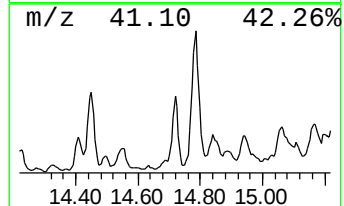
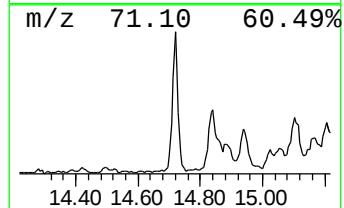
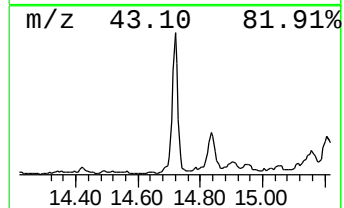
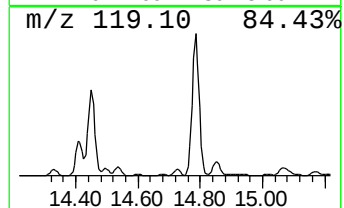
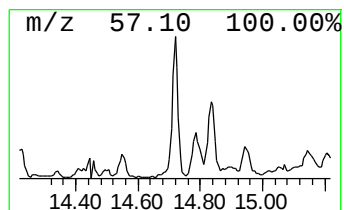
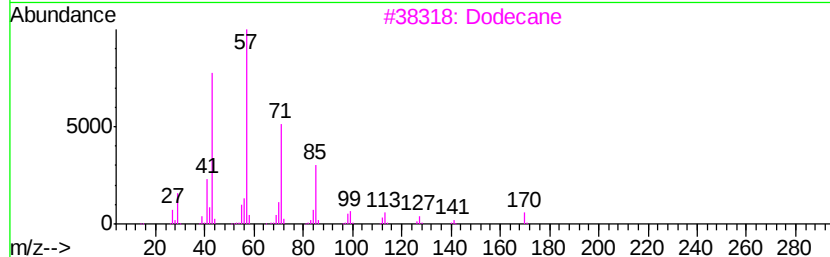
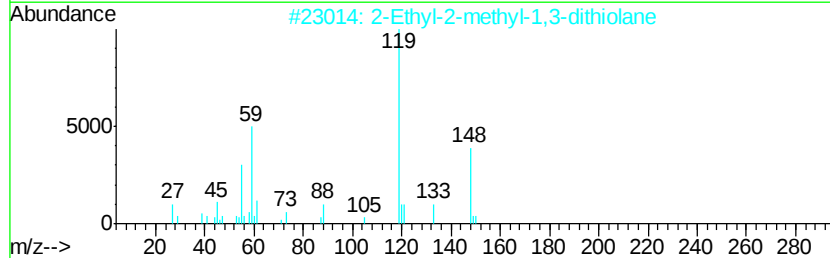
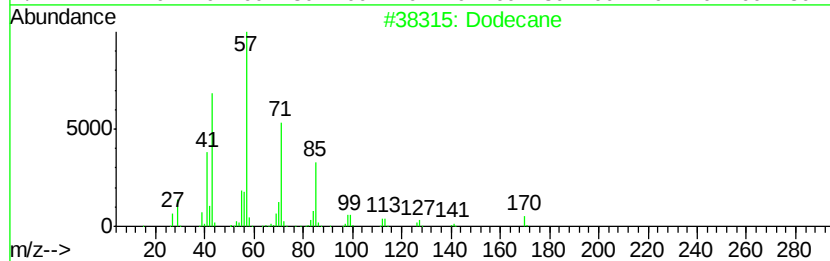
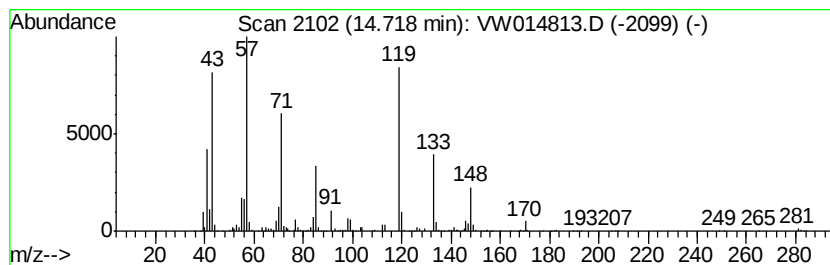
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Quant Title : VOC Analysis

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	7.76 ug/L	835681	1,4-Dichlorobenzene-d4	13.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	78
2		2-Ethyl-2-methyl-1,3-dithiolane	148	C6H12S2	006008-81-7	43
3		Dodecane	170	C12H26	000112-40-3	38
4		2-Propenal, 3-(2-pyridinylamino)-	148	C8H8N2O	068970-82-1	35
5		1-Iodoundecane	282	C11H23I	004282-44-4	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014813.D
Acq On : 30 Jan 2020 16:14
Operator : SY/VA
Sample : L1271-17
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT08

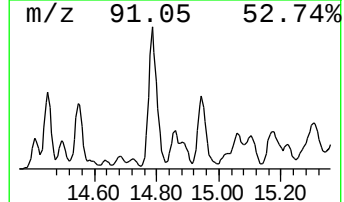
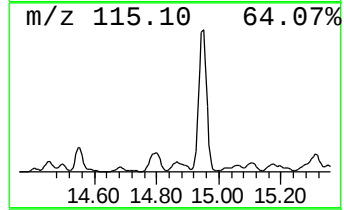
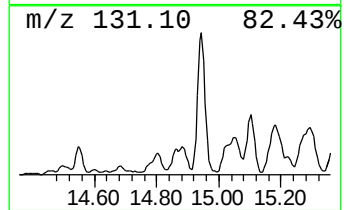
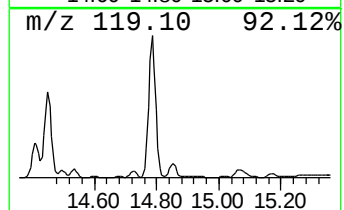
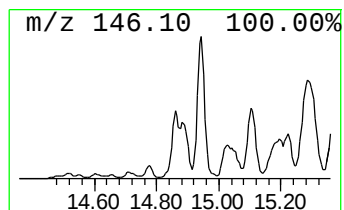
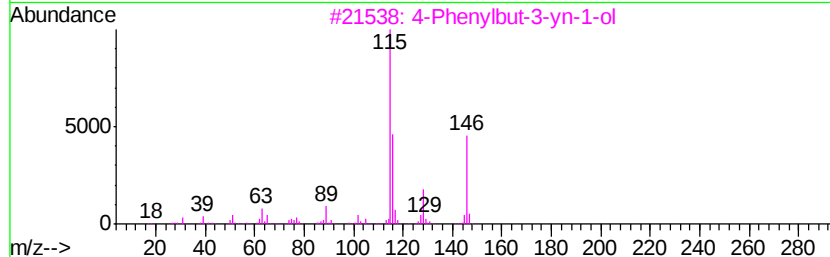
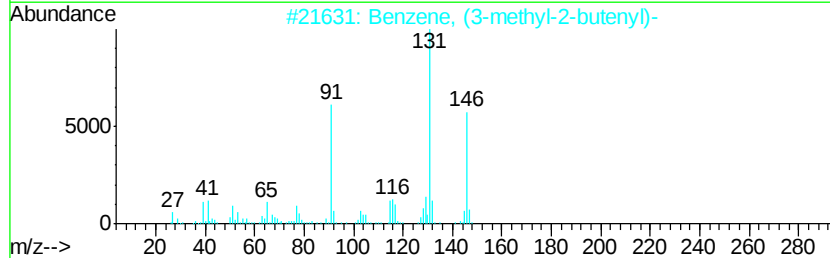
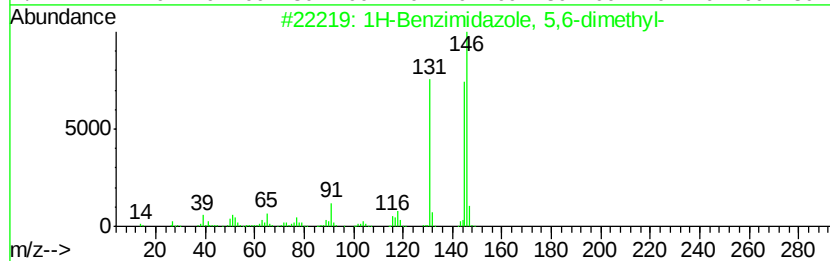
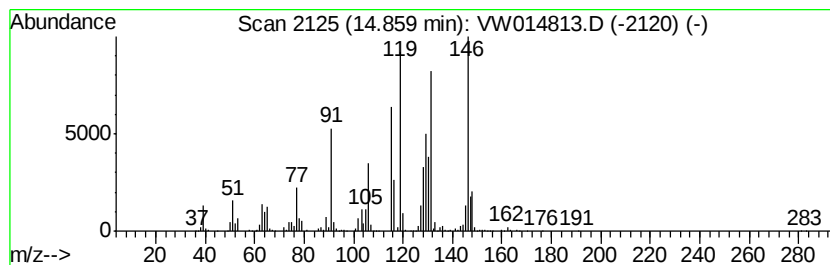
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Quant Title : VOC Analysis

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

Peak Number 24 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	16.11 ug/L	1733640	1,4-Dichlorobenzene-d4	13.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	27
2		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	27
3		4-Phenylbut-3-en-1-ol	146	C10H10O	010229-11-5	25
4		Pteridine, 2-methyl-	146	C7H6N4	002432-20-4	22
5		1-Methylindan-2-one	146	C10H10O	035587-60-1	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014813.D
Acq On : 30 Jan 2020 16:14
Operator : SY/VA
Sample : L1271-17
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAT08

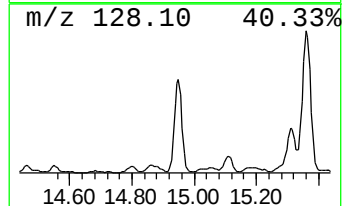
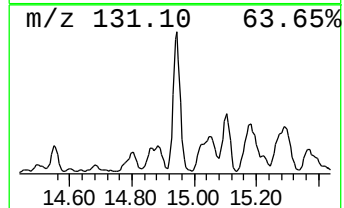
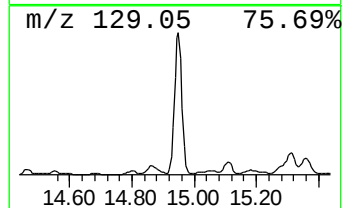
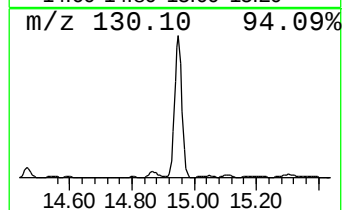
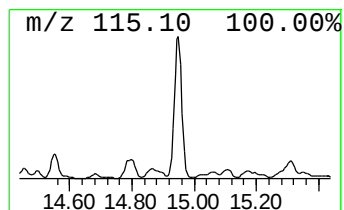
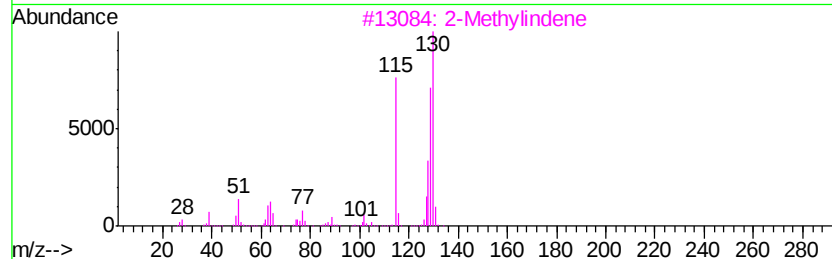
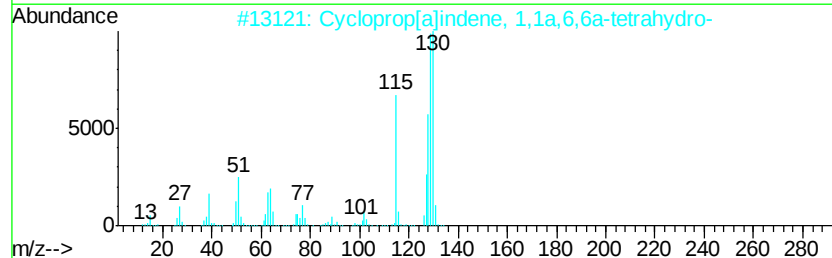
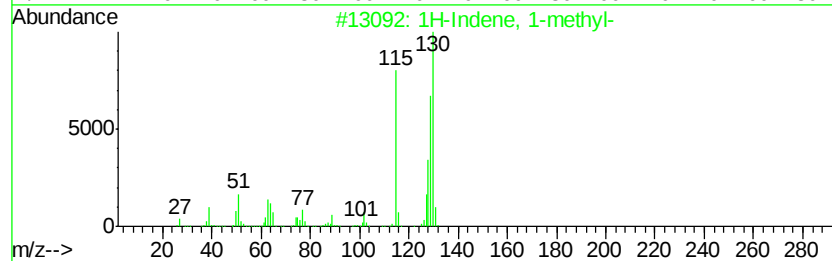
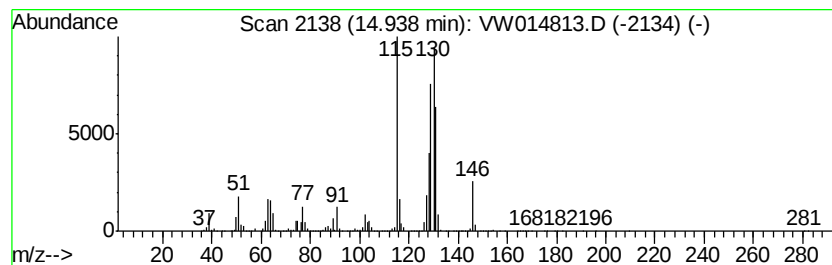
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Quant Title : VOC Analysis

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

Peak Number 25 1H-Indene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	127.85 ug/L	13760700	1,4-Dichlorobenzene-d4	13.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2		Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	94
3		2-Methylindene	130	C10H10	002177-47-1	94
4		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
5		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	92



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014813.D
Acq On : 30 Jan 2020 16:14
Operator : SY/VA
Sample : L1271-17
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT08

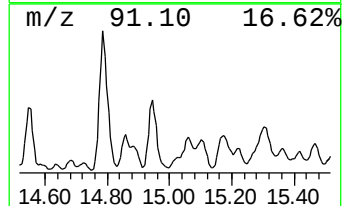
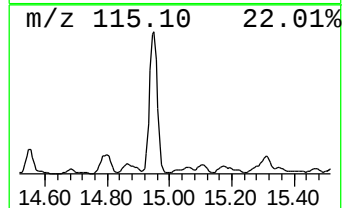
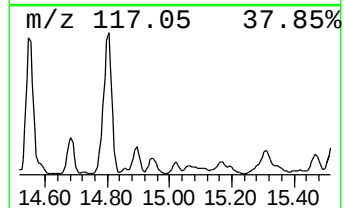
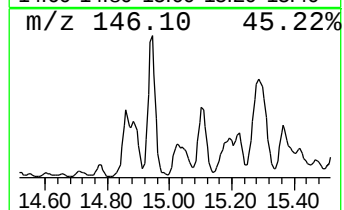
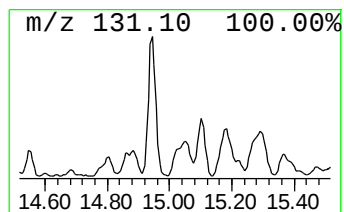
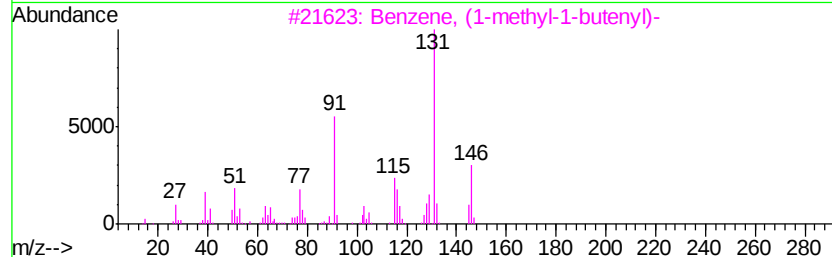
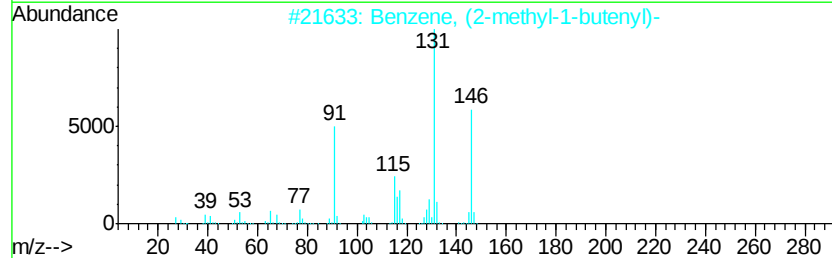
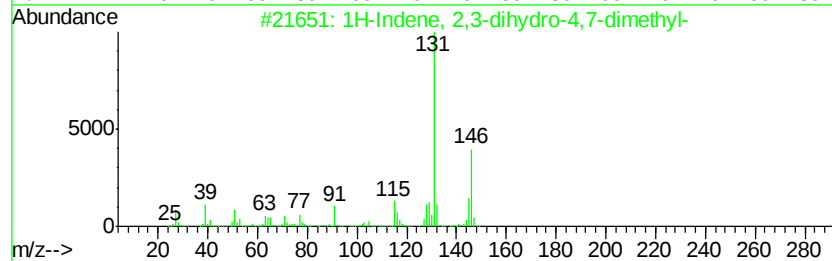
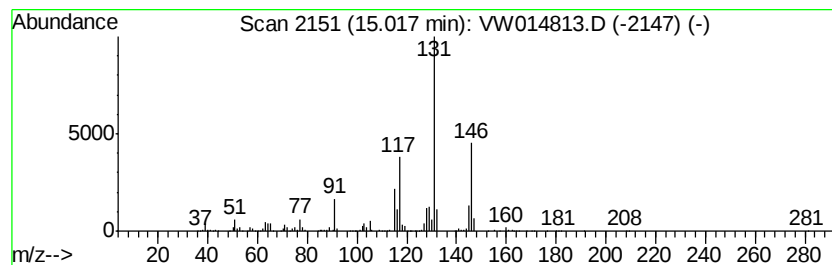
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Quant Title : VOC Analysis

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

Peak Number 26 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	6.63 ug/L	713055	1,4-Dichlorobenzene-d4	13.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	93
3			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91
4			1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	90
5			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014813.D
Acq On : 30 Jan 2020 16:14
Operator : SY/VA
Sample : L1271-17
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT08

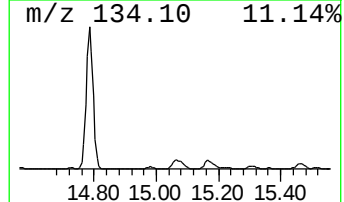
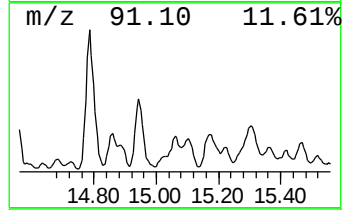
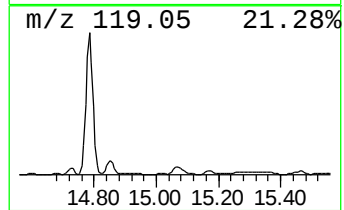
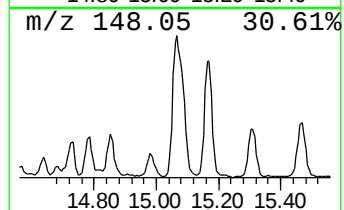
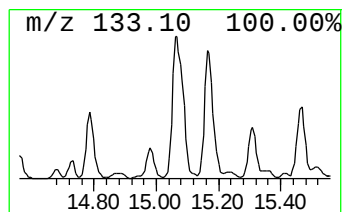
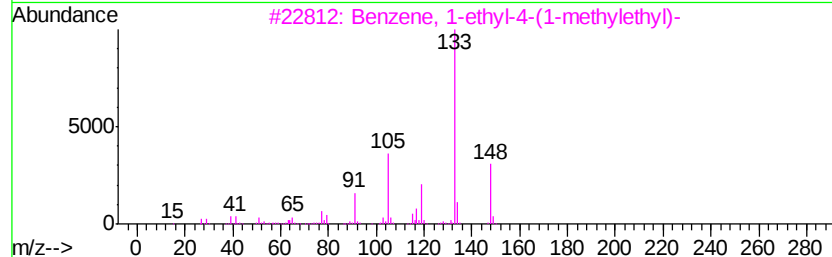
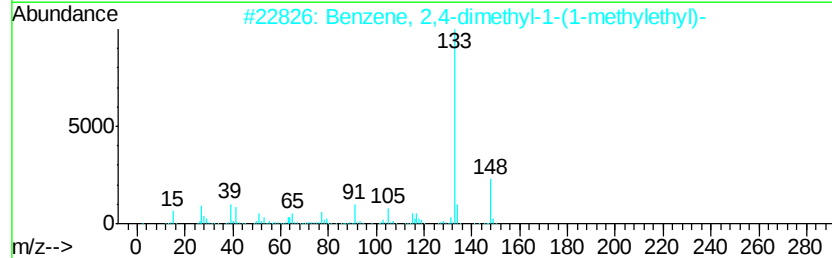
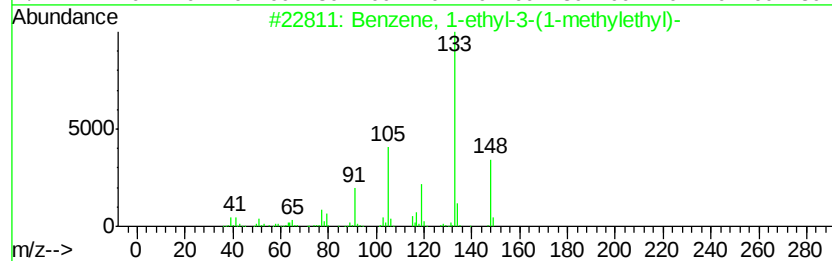
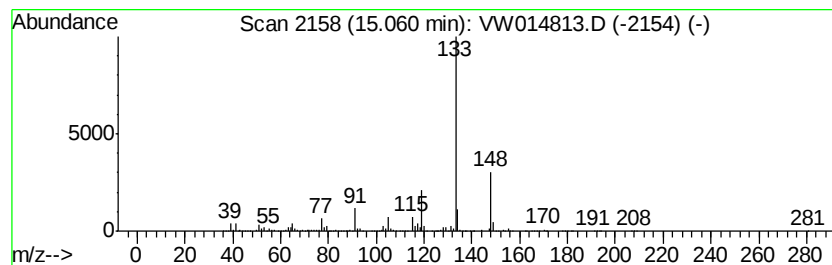
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Quant Title : VOC Analysis

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

Peak Number 27 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	14.41 ug/L	1551060	1,4-Dichlorobenzene-d4	13.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	87
2		Benzene, 2,4-dimethyl-1-(1-methylethyl)-	148	C11H16	004706-89-2	87
3		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	87
4		Benzene, 1,4-dimethyl-2-(1-methylethyl)-	148	C11H16	004132-72-3	83
5		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014813.D
Acq On : 30 Jan 2020 16:14
Operator : SY/VA
Sample : L1271-17
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT08

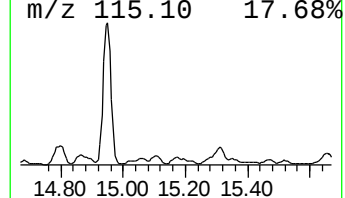
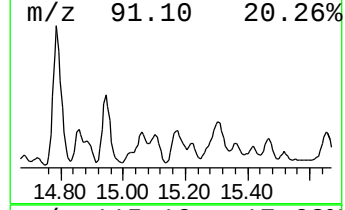
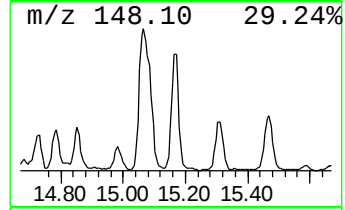
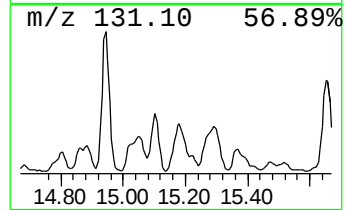
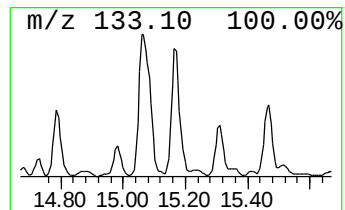
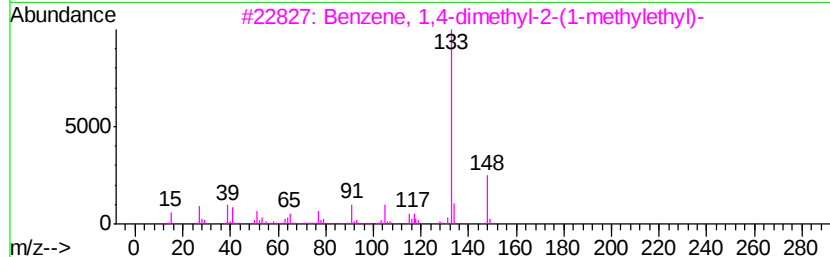
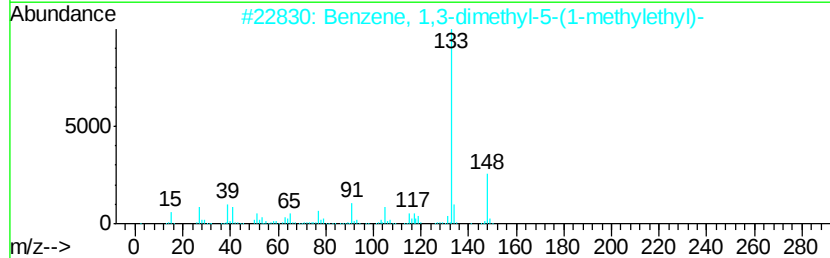
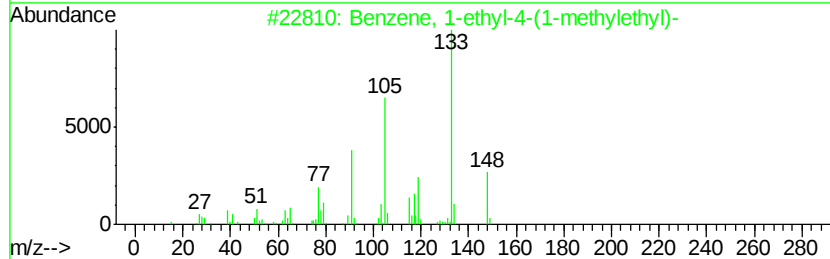
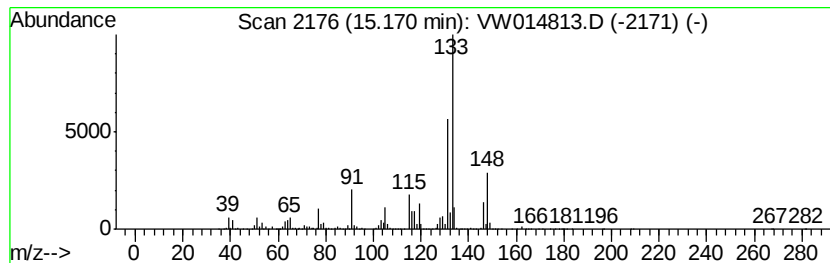
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Quant Title : VOC Analysis

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

Peak Number 28 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	31.72 ug/L	3414220	1,4-Dichlorobenzene-d4	13.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	60
2		Benzene, 1,3-dimethyl-5-(1-methylethyl)-	148	C11H16	004706-90-5	49
3		Benzene, 1,4-dimethyl-2-(1-methylethyl)-	148	C11H16	004132-72-3	49
4		Benzene, 1-(1,1-dimethylethyl)-3-methyl-	148	C11H16	001075-38-3	46
5		4-tert-Butyltoluene	148	C11H16	000098-51-1	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014813.D
Acq On : 30 Jan 2020 16:14
Operator : SY/VA
Sample : L1271-17
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT08

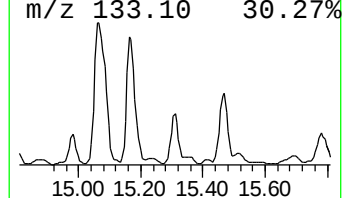
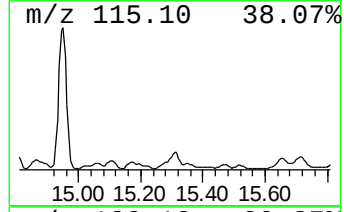
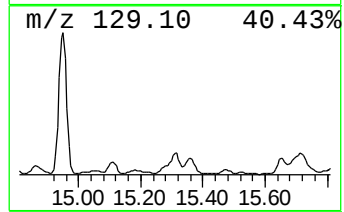
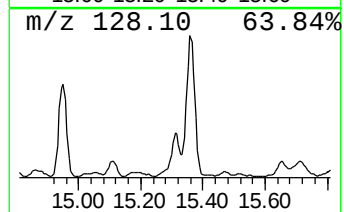
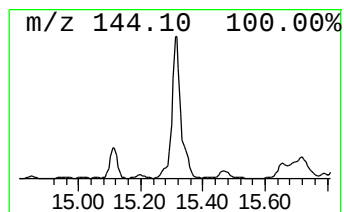
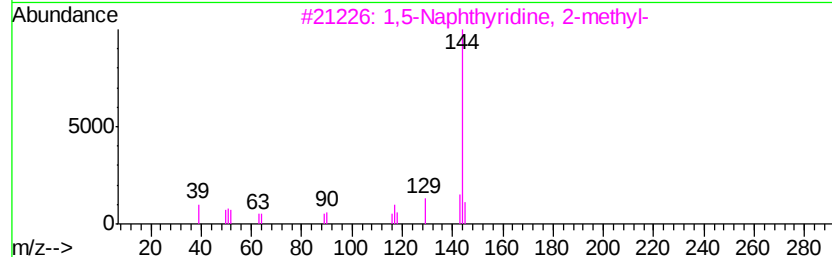
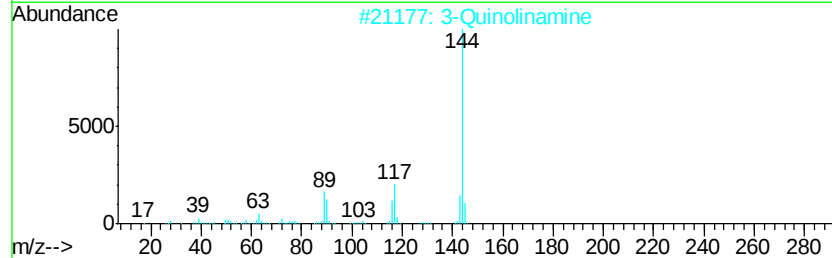
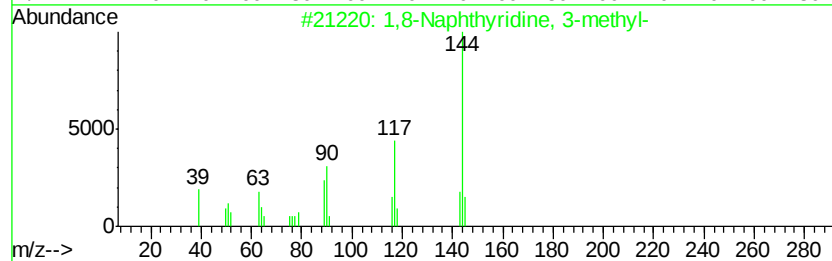
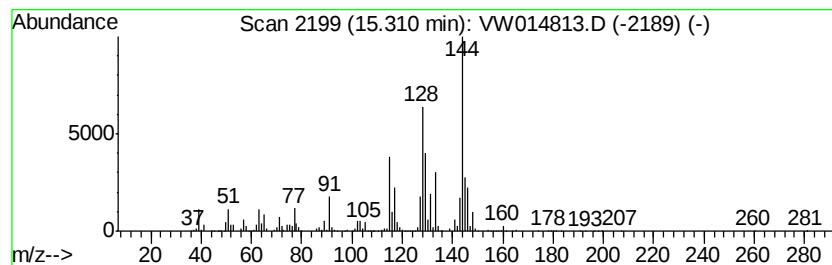
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Quant Title : VOC Analysis

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

Peak Number 29 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	55.38 ug/L	5960830	1,4-Dichlorobenzene-d4	13.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,8-Naphthylridine, 3-methyl-	144	C9H8N2	014759-22-9	38
2		3-Quinolinamine	144	C9H8N2	000580-17-6	38
3		1,5-Naphthylridine, 2-methyl-	144	C9H8N2	007675-32-3	35
4		Benzofuran, 2-ethenyl-	144	C10H8O	007522-79-4	35
5		2-Naphthalenol	144	C10H8O	000135-19-3	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014813.D
Acq On : 30 Jan 2020 16:14
Operator : SY/VA
Sample : L1271-17
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT08

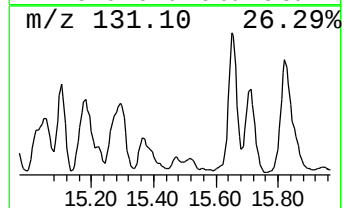
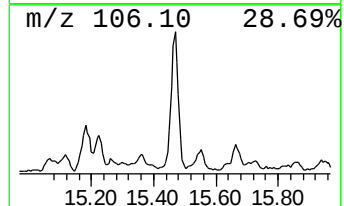
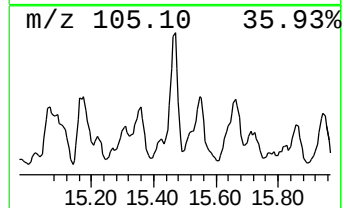
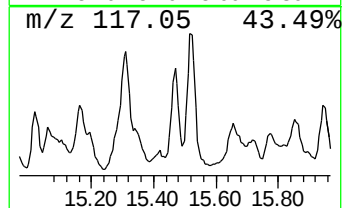
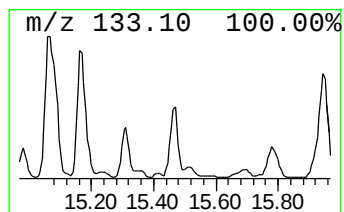
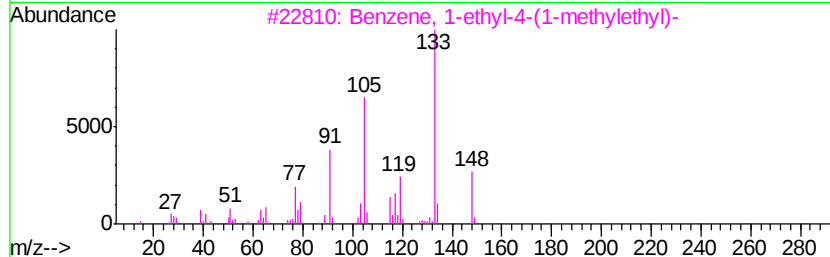
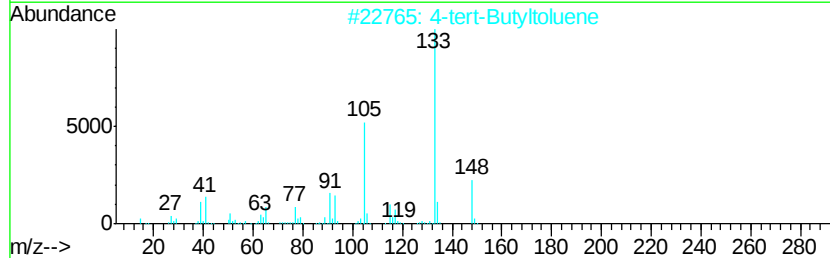
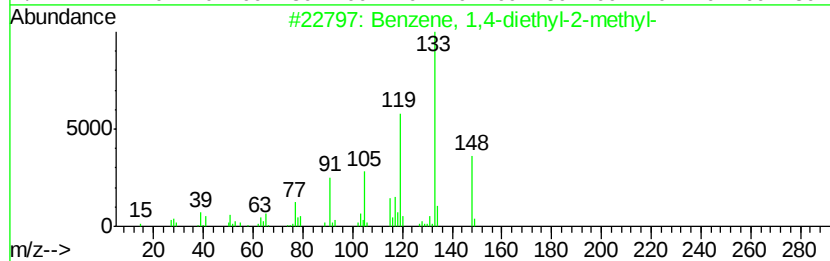
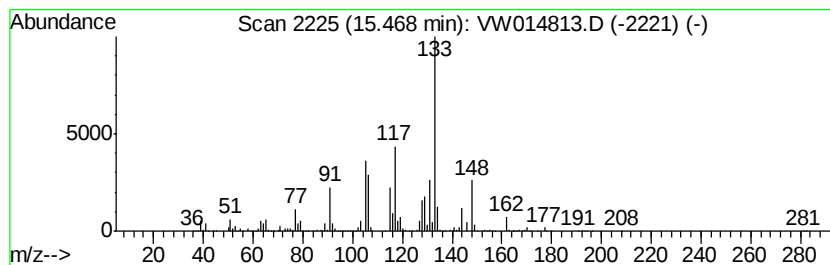
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Quant Title : VOC Analysis

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

Peak Number 31 unknown-03 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	11.59 ug/L	1247790	1,4-Dichlorobenzene-d4	13.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	46
2			4-tert-Butyltoluene	148	C11H16	000098-51-1	46
3			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	46
4			Benzene, 1,3-dimethyl-5-(1-methyl-...	148	C11H16	004706-90-5	46
5			Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014813.D
Acq On : 30 Jan 2020 16:14
Operator : SY/VA
Sample : L1271-17
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT08

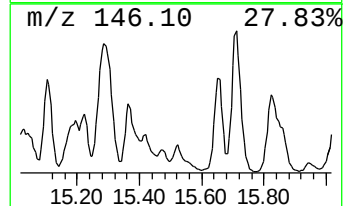
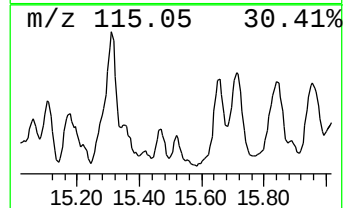
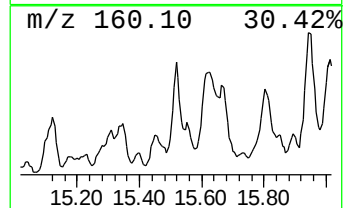
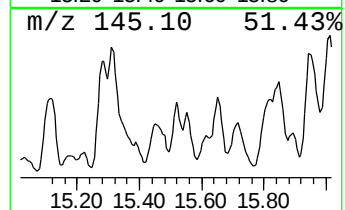
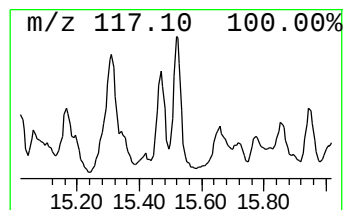
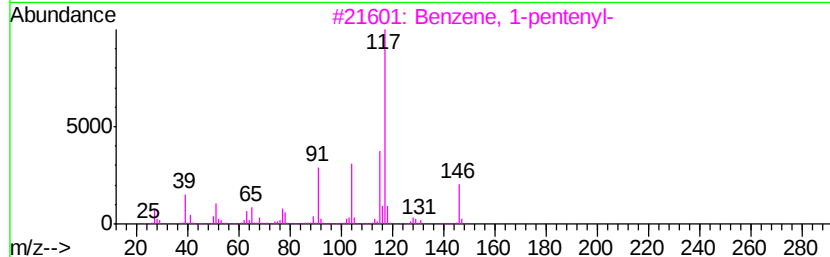
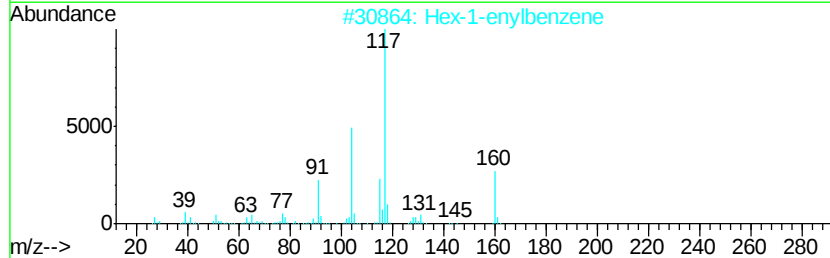
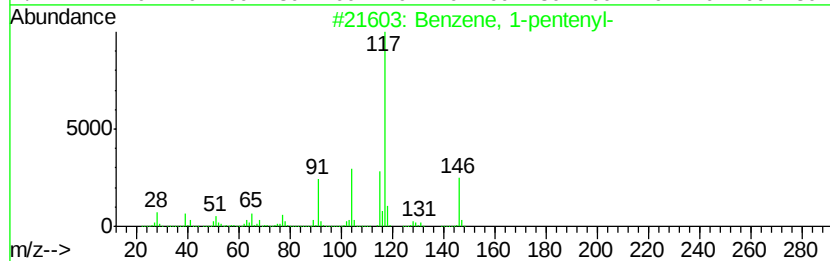
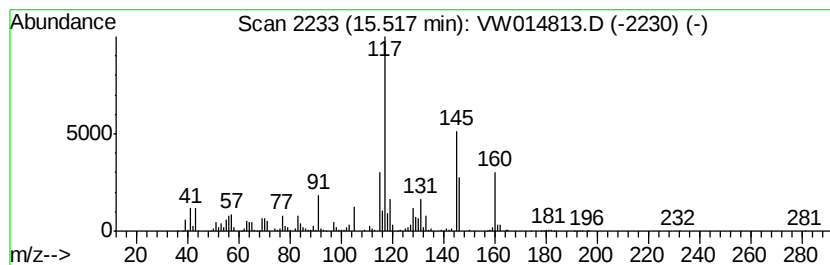
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Quant Title : VOC Analysis

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

Peak Number 32 unknown-04 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	6.81 ug/L	733341	1,4-Dichlorobenzene-d4	13.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-pentenyl-	146	C11H14	000826-18-6	49
2			Hex-1-enylbenzene	160	C12H16	000828-15-9	49
3			Benzene, 1-pentenyl-	146	C11H14	000826-18-6	47
4			(+)-2-Phenylbutyronitrile	145	C10H11N	069350-73-8	47
5			Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014813.D
Acq On : 30 Jan 2020 16:14
Operator : SY/VA
Sample : L1271-17
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT08

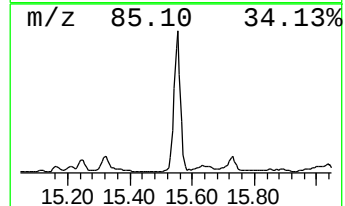
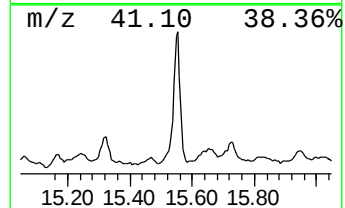
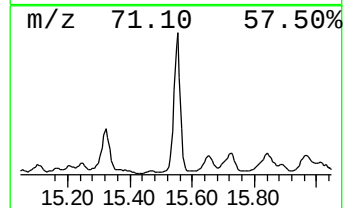
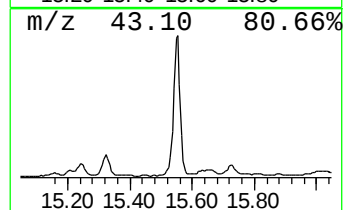
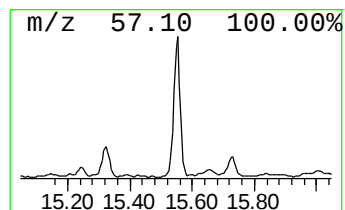
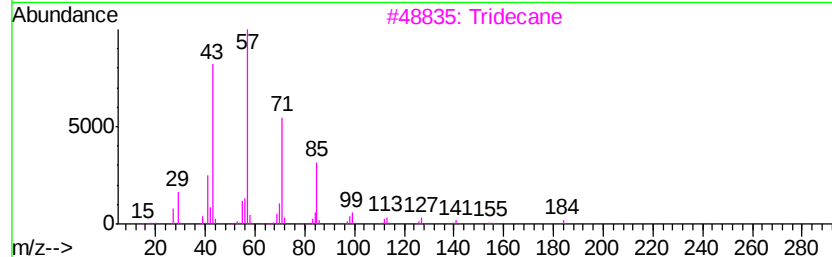
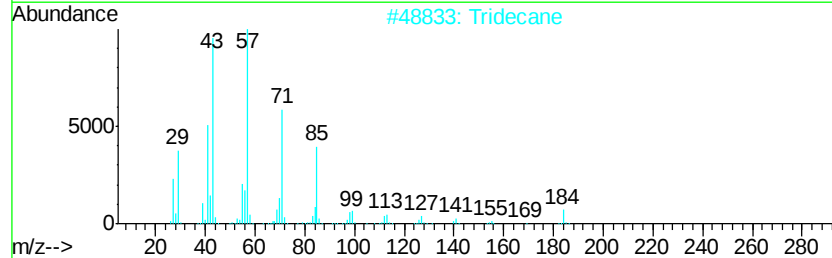
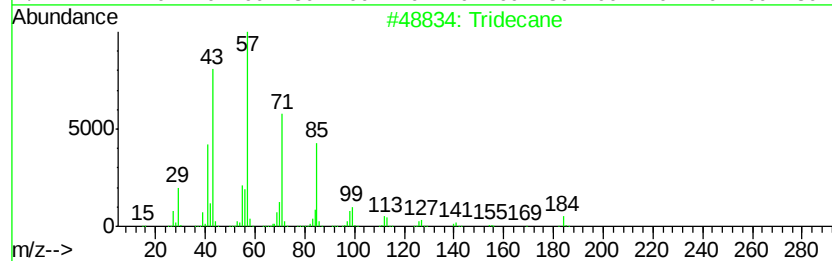
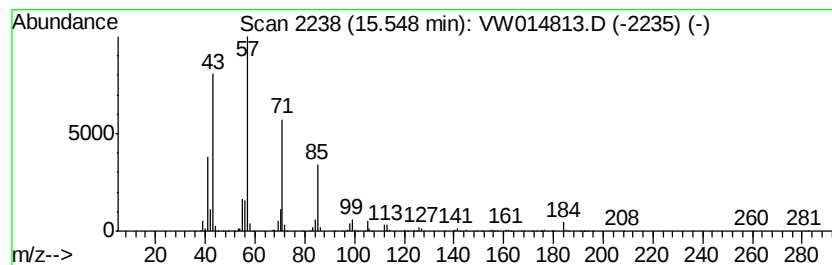
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Quant Title : VOC Analysis

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	27.60 ug/L	2970960	1,4-Dichlorobenzene-d4	13.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	94
2		Tridecane	184	C13H28	000629-50-5	94
3		Tridecane	184	C13H28	000629-50-5	91
4		Tetradecane	198	C14H30	000629-59-4	91
5		Tridecane	184	C13H28	000629-50-5	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014813.D
Acq On : 30 Jan 2020 16:14
Operator : SY/VA
Sample : L1271-17
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT08

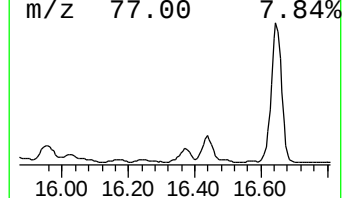
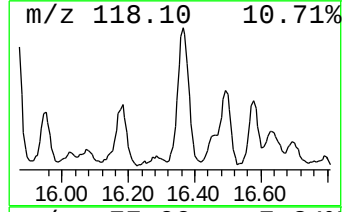
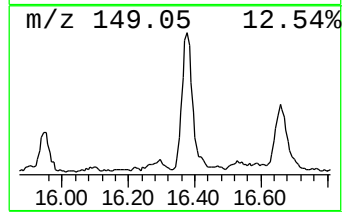
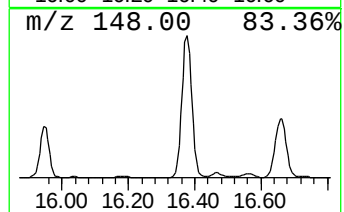
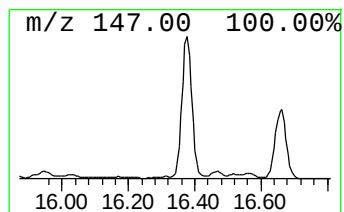
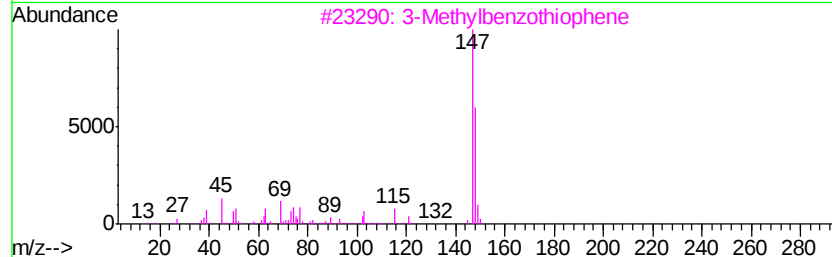
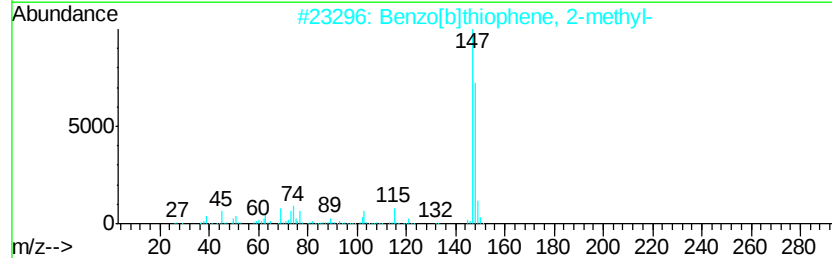
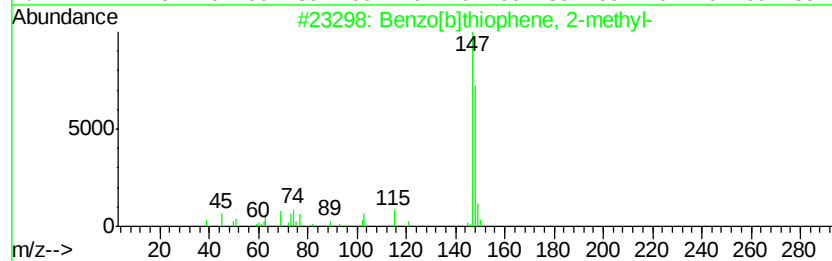
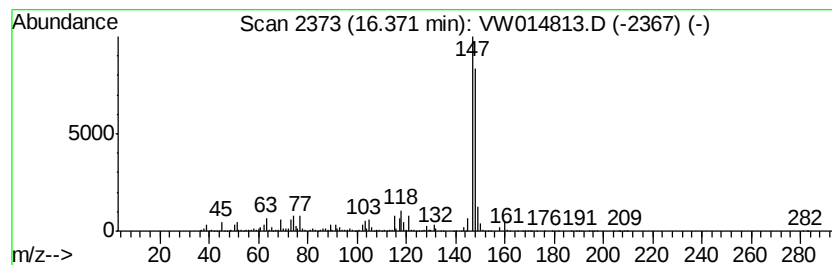
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Quant Title : VOC Analysis

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

Peak Number 38 Benzo[b]thiophene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	27.06 ug/L	2912450	1,4-Dichlorobenzene-d4	13.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	87
2		Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	87
3		3-Methylbenzothiophene	148	C9H8S	001455-18-1	87
4		Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	87
5		3-Methylbenzothiophene	148	C9H8S	001455-18-1	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014813.D
Acq On : 30 Jan 2020 16:14
Operator : SY/VA
Sample : L1271-17
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT08

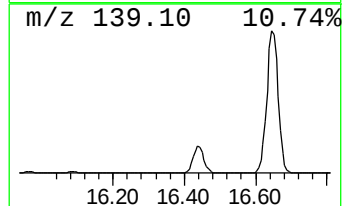
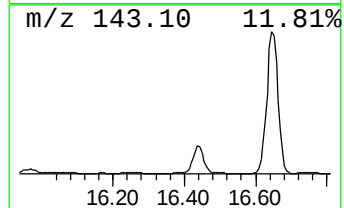
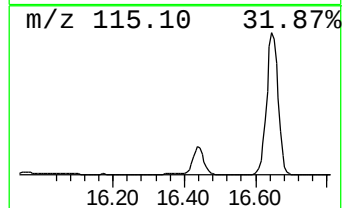
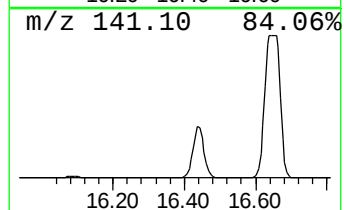
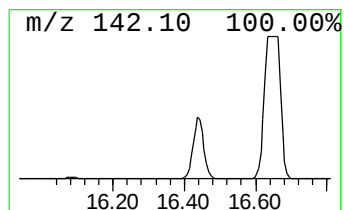
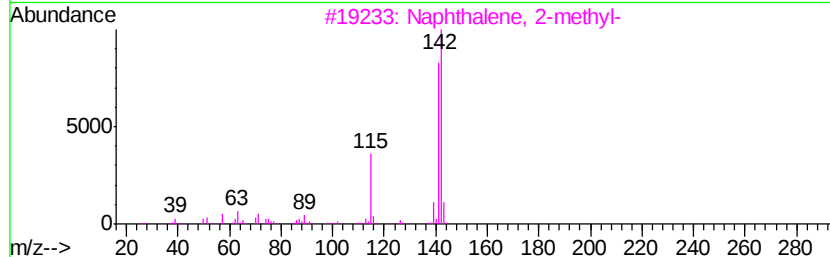
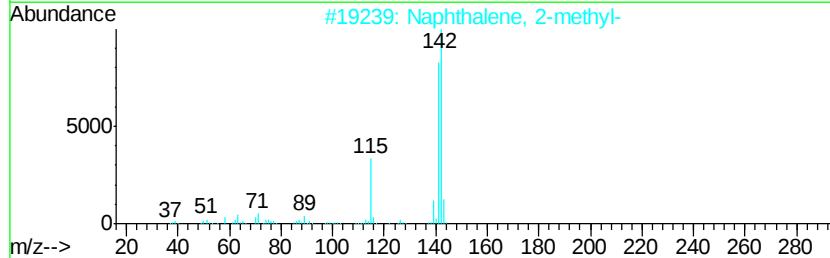
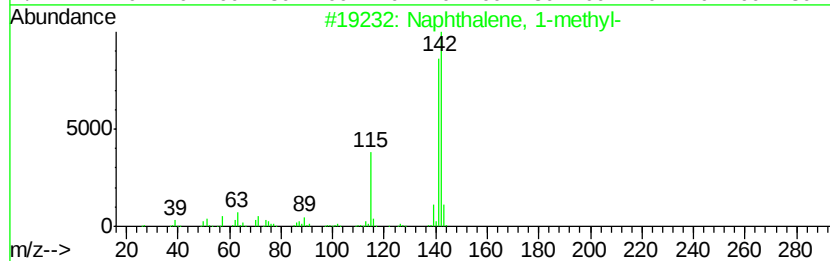
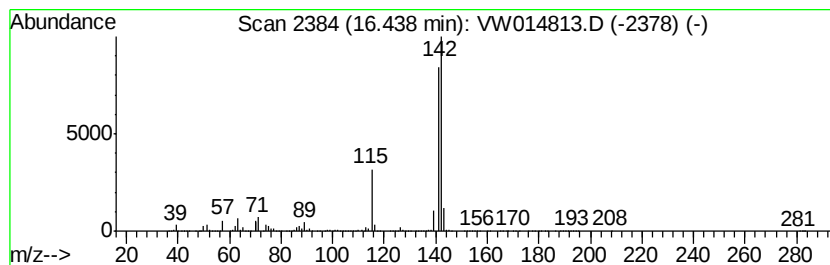
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Quant Title : VOC Analysis

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

Peak Number 39 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	213.05 ug/L	22930300	1,4-Dichlorobenzene-d4	13.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014813.D
Acq On : 30 Jan 2020 16:14
Operator : SY/VA
Sample : L1271-17
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT08

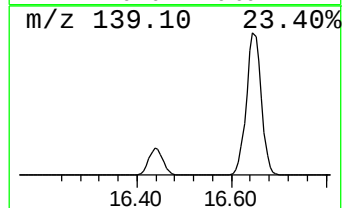
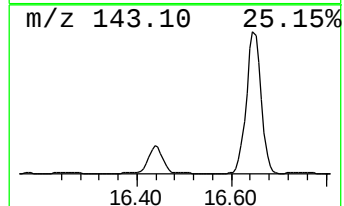
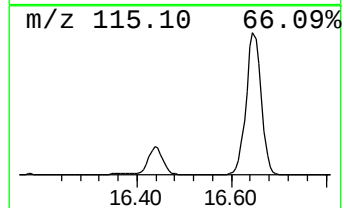
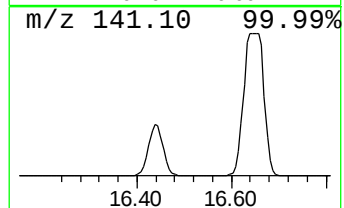
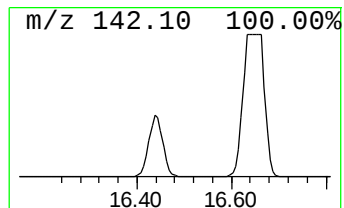
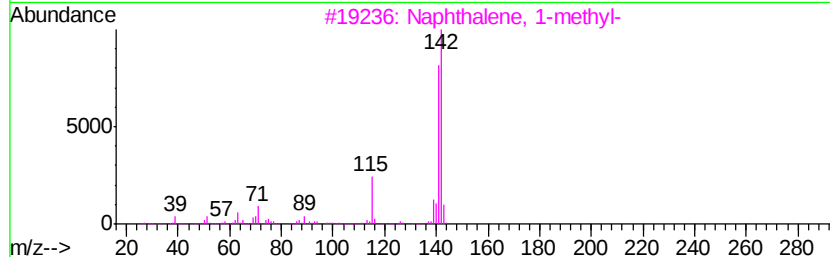
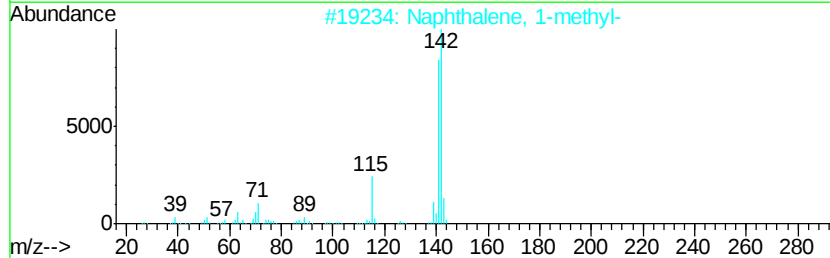
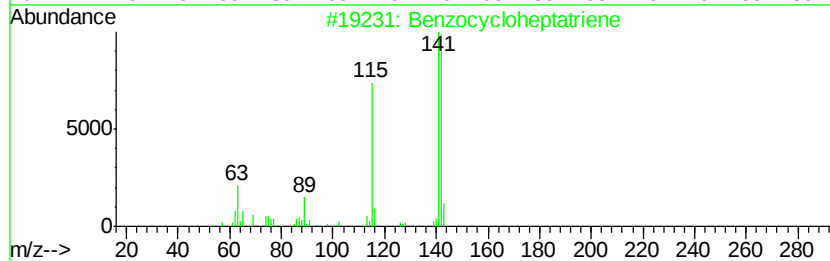
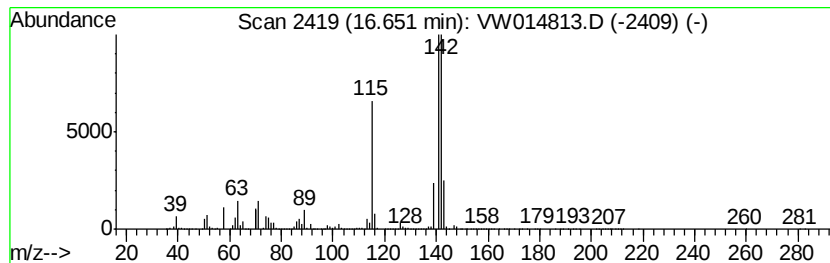
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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

Peak Number 40 Benzocycloheptatriene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	1106.31 ug/L	119069000	1,4-Dichlorobenzene-d4	13.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzocycloheptatriene	142	C11H10	000264-09-5	95
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	87
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	87
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	87



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\
 Data File : VW014813.D
 Acq On : 30 Jan 2020 16:14
 Operator : SY/VA
 Sample : L1271-17
 Misc : 4.99G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT08

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.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, 2,6-...	12.87	7.8	ug/L	844585	3	13.54	2690690	25.0
Naphthalene, 1,6-...	13.29	8.2	ug/L	880964	3	13.54	2690690	25.0
o-Cymene	13.77	2.2	ug/L	241252	3	13.54	2690690	25.0
Naphthalene, 2,7-...	13.94	1.3	ug/L	140270	3	13.54	2690690	25.0
7-Methoxymethyl-2...	14.03	1.3	ug/L	137362	3	13.54	2690690	25.0
Benzene, 1-ethyl-...	14.08	2.5	ug/L	273440	3	13.54	2690690	25.0
Benzene, 1-etheny...	14.13	4.5	ug/L	480167	3	13.54	2690690	25.0
(E)-1-Phenyl-1-bu...	14.22	41.1	ug/L	4428290	3	13.54	2690690	25.0
2,4-Dimethylstyrene	14.28	5.0	ug/L	535620	3	13.54	2690690	25.0
Benzene, 2-ethyl-...	14.33	3.0	ug/L	320127	3	13.54	2690690	25.0
Benzene, 1,2,4,5-...	14.41	15.3	ug/L	1644090	3	13.54	2690690	25.0
Benzene, 2-etheny...	14.49	9.0	ug/L	972305	3	13.54	2690690	25.0
Benzene, 4-etheny...	14.55	34.2	ug/L	3683670	3	13.54	2690690	25.0
Benzene, (1-cyclo...	14.63	1.3	ug/L	144373	3	13.54	2690690	25.0
1H-Indene, 2,3-di...	14.68	6.8	ug/L	726650	3	13.54	2690690	25.0
(DEL) Alkane: Str...	14.72	7.8	ug/L	835681	3	13.54	2690690	25.0
unknown-01	14.86	16.1	ug/L	1733640	3	13.54	2690690	25.0
1H-Indene, 1-methyl-	14.94	127.8	ug/L	13760700	3	13.54	2690690	25.0
1H-Indene, 2,3-di...	15.02	6.6	ug/L	713055	3	13.54	2690690	25.0
Benzene, 1-ethyl-...	15.06	14.4	ug/L	1551060	3	13.54	2690690	25.0
Benzene, 1-ethyl-...	15.17	31.7	ug/L	3414220	3	13.54	2690690	25.0
unknown-02	15.31	55.4	ug/L	5960830	3	13.54	2690690	25.0
unknown-03	15.47	11.6	ug/L	1247790	3	13.54	2690690	25.0
unknown-04	15.52	6.8	ug/L	733341	3	13.54	2690690	25.0
(DEL) Alkane: Str...	15.55	27.6	ug/L	2970960	3	13.54	2690690	25.0
Benzo[b]thiophene...	16.37	27.1	ug/L	2912450	3	13.54	2690690	25.0
Naphthalene, 1-me...	16.44	213.1	ug/L	22930300	3	13.54	2690690	25.0
Benzocycloheptatr...	16.65	1106.3	ug/L	119069000	3	13.54	2690690	25.0