

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW013020\
 Data File : VW014810.D
 Acq On : 30 Jan 2020 13:55
 Operator : SY/VA
 Sample : L1271-11
 Misc : 5.01G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT02

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	2.154	36	41	45	rBV2	3685	6775	0.02%	0.009%
2	2.349	68	73	81	rVB	51568	83145	0.19%	0.108%
3	2.885	156	161	168	rVB	45475	85865	0.19%	0.111%
4	3.483	258	259	262	rBV3	1246	824	0.00%	0.001%
5	3.885	324	325	327	rBV2	809	817	0.00%	0.001%
6	4.013	336	346	358	rBV	81048	217440	0.48%	0.282%
7	4.129	360	365	370	rVB3	2848	5723	0.01%	0.007%
8	4.397	406	409	416	rVB5	2187	3527	0.01%	0.005%
9	4.629	442	447	450	rBV2	1185	1779	0.00%	0.002%
10	4.915	483	494	505	rVV2	15310	48925	0.11%	0.063%
11	5.019	509	511	515	rBV3	938	998	0.00%	0.001%
12	5.129	527	529	531	rBV	892	968	0.00%	0.001%
13	5.159	531	534	535	rVV2	1302	1310	0.00%	0.002%
14	5.178	535	537	539	rVV2	1006	979	0.00%	0.001%
15	5.293	552	556	557	rBV3	870	970	0.00%	0.001%
16	5.531	594	595	600	rVB2	569	809	0.00%	0.001%
17	5.934	656	661	662	rBV3	1114	1388	0.00%	0.002%
18	6.391	730	736	739	rBV2	569	1068	0.00%	0.001%
19	6.885	815	817	822	rBV2	468	810	0.00%	0.001%
20	6.921	822	823	829	rVB3	1037	1107	0.00%	0.001%
21	6.988	831	834	837	rBV2	565	896	0.00%	0.001%
22	7.086	840	850	851	rBV2	17599	36953	0.08%	0.048%
23	7.128	852	857	872	rVV	56109	159597	0.36%	0.207%
24	7.257	872	878	887	rVB2	8335	21828	0.05%	0.028%
25	7.647	930	942	954	rBV	108858	272678	0.61%	0.354%
26	8.073	1008	1012	1014	rVV2	645	1041	0.00%	0.001%
27	8.275	1036	1045	1062	rVV3	205879	630071	1.40%	0.817%
28	8.397	1062	1065	1068	rVV3	1309	2065	0.00%	0.003%
29	8.628	1101	1103	1106	rVB2	853	822	0.00%	0.001%
30	8.842	1130	1138	1146	rBV	179603	361940	0.81%	0.470%
31	8.921	1150	1151	1155	rVB3	1272	1017	0.00%	0.001%
32	9.037	1166	1170	1172	rBV4	826	1271	0.00%	0.002%
33	9.171	1190	1192	1196	rVB3	651	870	0.00%	0.001%
34	9.274	1196	1209	1218	rBV	152949	316678	0.71%	0.411%

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Integration Parameters: LSCINT.P

Integrator: RTE
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 Title : VOC Analysis

35	10.030	1326	1333	1345	rBV	67169	130831	0.29%	0.170%
36	10.207	1358	1362	1365	rBV4	2661	3998	0.01%	0.005%
37	10.323	1372	1381	1387	rBV	237289	424958	0.95%	0.551%
38	10.384	1387	1391	1400	rVB	20206	37570	0.08%	0.049%
39	10.579	1415	1423	1433	rBV	44866	84092	0.19%	0.109%
40	10.701	1436	1443	1449	rBV2	16148	30600	0.07%	0.040%
41	10.792	1456	1458	1460	rBV3	1165	1023	0.00%	0.001%
42	10.853	1466	1468	1473	rVB4	1993	3128	0.01%	0.004%
43	10.920	1473	1479	1491	rBV	57533	107068	0.24%	0.139%
44	11.061	1497	1502	1512	rVB	35358	62456	0.14%	0.081%
45	11.158	1516	1518	1523	rVB5	946	1227	0.00%	0.002%
46	11.439	1558	1564	1569	rVB2	5071	8056	0.02%	0.010%
47	11.628	1587	1595	1608	rBV	256901	445033	0.99%	0.577%
48	11.737	1608	1613	1616	rVB5	1277	2214	0.00%	0.003%
49	11.835	1624	1629	1632	rBV5	2642	4493	0.01%	0.006%
50	11.865	1632	1634	1641	rVB6	2363	4205	0.01%	0.005%
51	12.182	1678	1686	1690	rBV6	4883	10206	0.02%	0.013%
52	12.335	1708	1711	1717	rBV5	1592	2469	0.01%	0.003%
53	12.463	1730	1732	1737	rVB5	908	1324	0.00%	0.002%
54	12.609	1749	1756	1762	rVB2	33081	56802	0.13%	0.074%
55	12.688	1762	1769	1776	rBV	101074	168554	0.38%	0.219%
56	12.768	1779	1782	1786	rVB4	1465	2306	0.01%	0.003%
57	12.810	1786	1789	1792	rVB2	1355	1394	0.00%	0.002%
58	12.871	1796	1799	1801	rBV4	1015	1238	0.00%	0.002%
59	12.932	1804	1809	1817	rVB2	11935	21251	0.05%	0.028%
60	13.115	1837	1839	1841	rVB3	1385	1340	0.00%	0.002%
61	13.188	1847	1851	1854	rBV5	835	1496	0.00%	0.002%
62	13.249	1856	1861	1864	rBV3	6075	9891	0.02%	0.013%
63	13.298	1864	1869	1875	rVB3	23413	38397	0.09%	0.050%
64	13.347	1875	1877	1881	rVB5	3052	3803	0.01%	0.005%
65	13.396	1881	1885	1890	rBV5	2282	3607	0.01%	0.005%
66	13.469	1892	1897	1902	rBV3	9231	14746	0.03%	0.019%
67	13.554	1905	1911	1920	rBV	140881	257953	0.57%	0.335%
68	13.646	1921	1926	1933	rVB	44562	69138	0.15%	0.090%
69	13.713	1935	1937	1940	rBV4	1619	1608	0.00%	0.002%
70	13.755	1940	1944	1945	rBV3	3608	4732	0.01%	0.006%
71	13.786	1945	1949	1954	rVB2	17715	26681	0.06%	0.035%

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72	13.853	1954	1960	1966	rBV	143339	233437	0.52%	0.303%
73	13.944	1970	1975	1980	rVB4	10267	20692	0.05%	0.027%
74	14.036	1980	1990	1992	rBV2	51999	115776	0.26%	0.150%
75	14.060	1992	1994	1997	rVB3	19673	18362	0.04%	0.024%
76	14.139	2003	2007	2013	rVB2	58910	99662	0.22%	0.129%
77	14.231	2013	2022	2027	rBV	800723	1249813	2.78%	1.621%
78	14.286	2027	2031	2035	rVB	131554	185171	0.41%	0.240%
79	14.335	2035	2039	2044	rVB	93353	141752	0.32%	0.184%
80	14.420	2046	2053	2055	rBV	479290	752173	1.67%	0.976%
81	14.456	2055	2059	2063	rVV	1209211	1775672	3.95%	2.304%
82	14.499	2063	2066	2070	rVV	269885	368561	0.82%	0.478%
83	14.554	2070	2075	2080	rVV	838995	1241090	2.76%	1.610%
84	14.639	2086	2089	2092	rVB	41505	45093	0.10%	0.059%
85	14.688	2092	2097	2100	rBV2	238527	410871	0.91%	0.533%
86	14.792	2108	2114	2121	rBV3	2629766	5284615	11.77%	6.856%
87	14.859	2121	2125	2128	rBV3	187083	295976	0.66%	0.384%
88	14.950	2134	2140	2148	rVB2	3288164	5428727	12.09%	7.043%
89	15.023	2148	2152	2154	rBV2	151985	218248	0.49%	0.283%
90	15.066	2154	2159	2162	rBV2	357382	642615	1.43%	0.834%
91	15.176	2171	2177	2184	rBV3	538990	1240590	2.76%	1.609%
92	15.310	2190	2199	2205	rBV5	474662	1308793	2.91%	1.698%
93	15.468	2221	2225	2230	rVB2	395471	630297	1.40%	0.818%
94	15.554	2231	2239	2248	rVB2	656369	1406512	3.13%	1.825%
95	15.657	2249	2256	2261	rBV2	462763	979966	2.18%	1.271%
96	15.846	2279	2287	2298	rVB4	311684	1125378	2.51%	1.460%
97	15.956	2299	2305	2311	rBV2	298586	742550	1.65%	0.963%
98	16.377	2367	2374	2379	rBV	390028	872602	1.94%	1.132%
99	16.438	2379	2384	2391	rBV	505958	1008941	2.25%	1.309%
100	16.645	2408	2418	2430	rVB	20170464	44914196	100.00%	58.269%

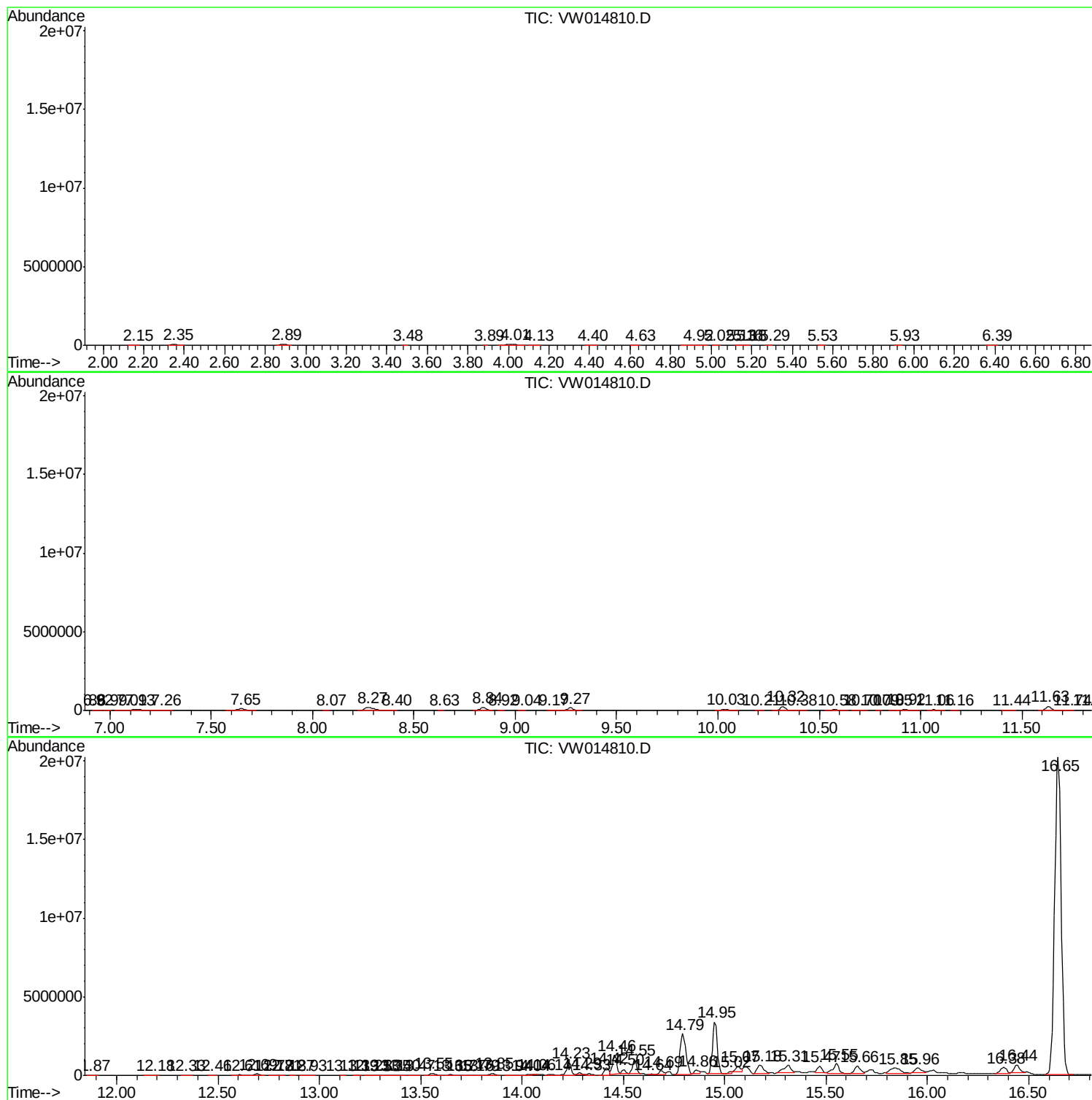
Sum of corrected areas: 77080973

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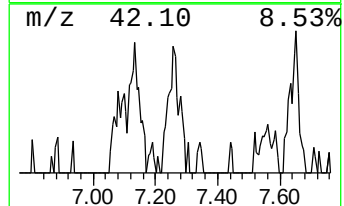
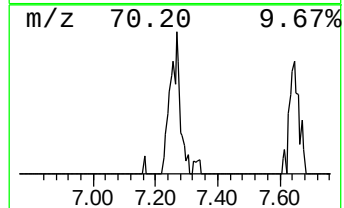
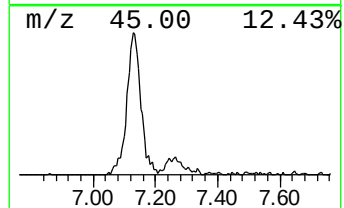
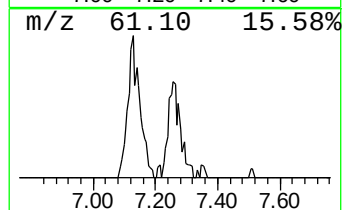
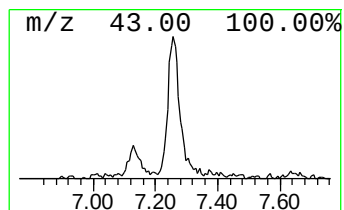
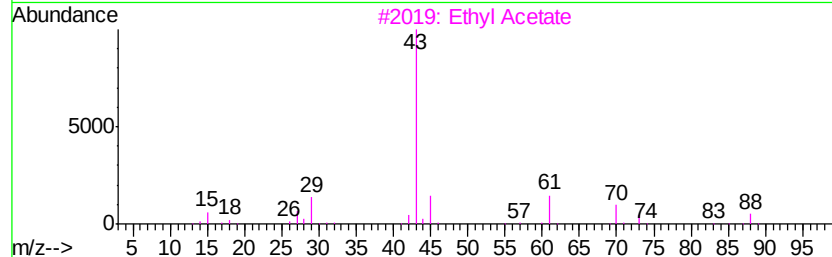
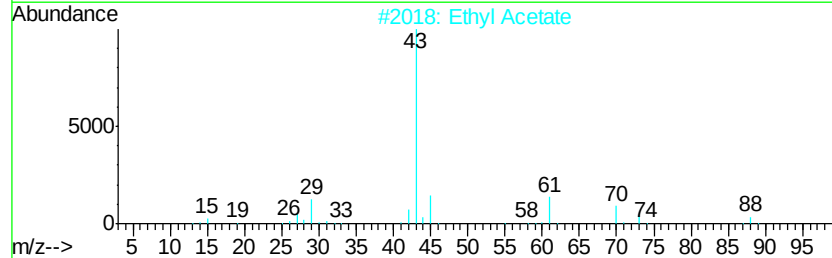
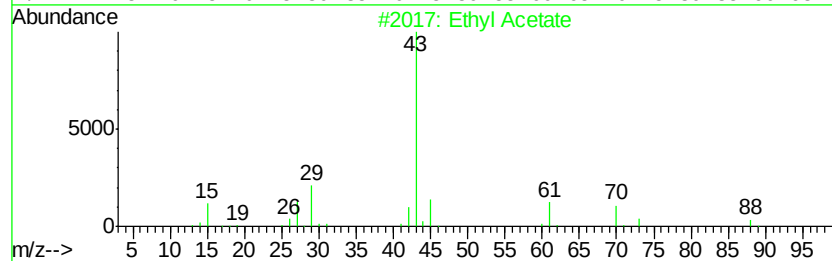
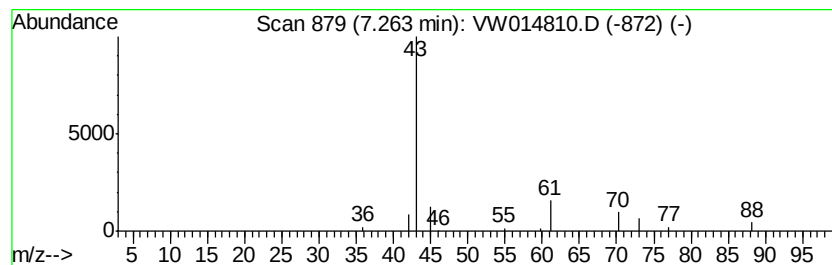
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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

Peak Number 1 Ethyl Acetate Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	1.51 ug/L	21828	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl Acetate	88	C4H8O2	000141-78-6	90
2			Ethyl Acetate	88	C4H8O2	000141-78-6	90
3			Ethyl Acetate	88	C4H8O2	000141-78-6	90
4			Ethyl Acetate	88	C4H8O2	000141-78-6	78
5			CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	59



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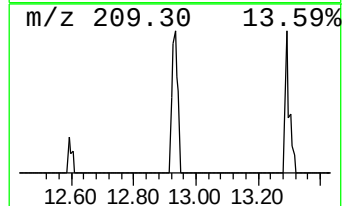
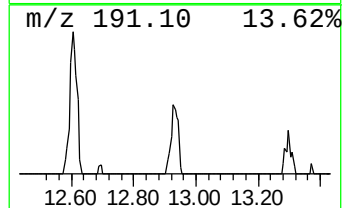
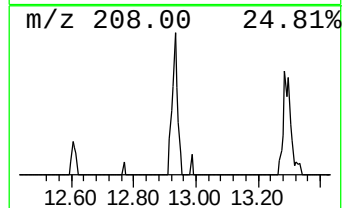
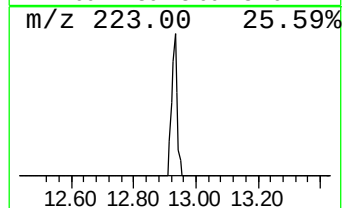
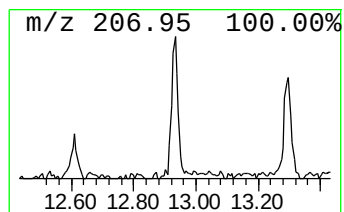
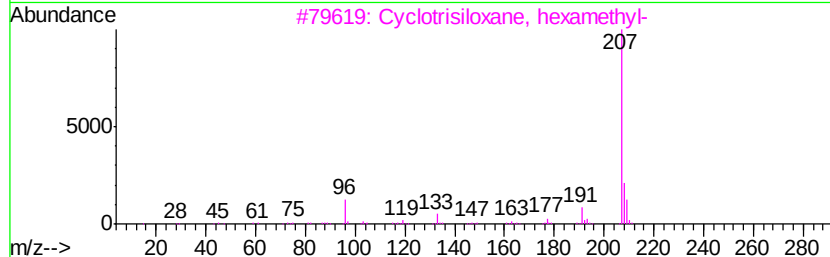
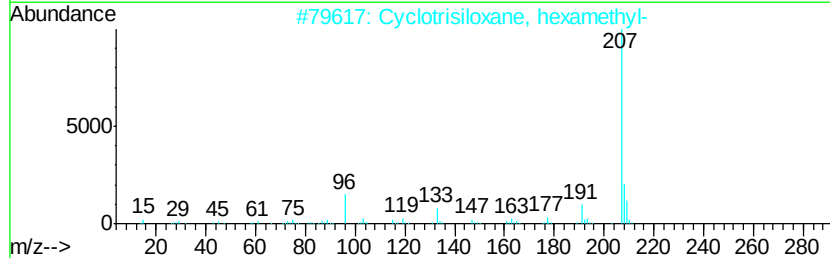
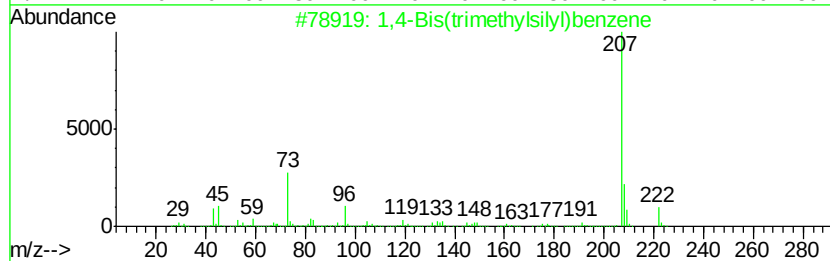
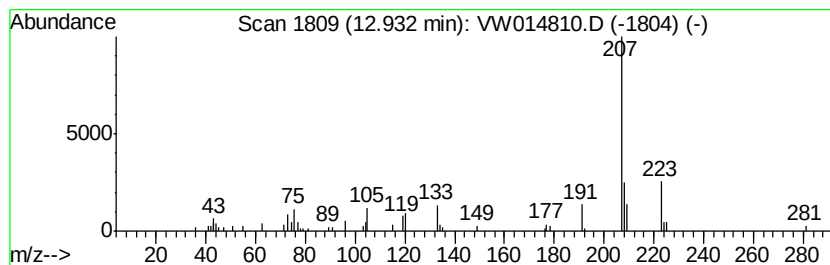
Instrument :
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Quant Title : VOC Analysis

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

Peak Number 6 1,4-Bis(trimethylsilyl)benzene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.93	2.06 ug/L	21251	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,4-Bis(trimethylsilyl)benzene	222	C12H22Si2	013183-70-5	50
2		Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	45
3		Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	42
4		Tris(tert-butyl)dimethylsilyloxy...	468	C18H45AsO3Si3	1000366-57-5	42
5		Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	40



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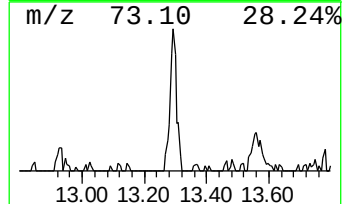
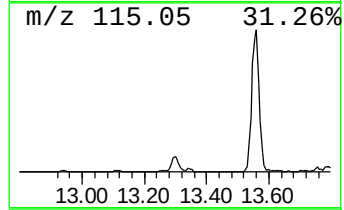
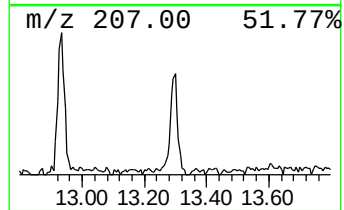
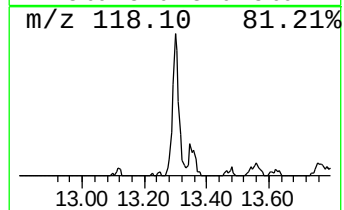
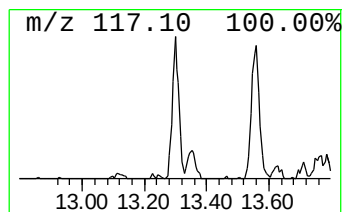
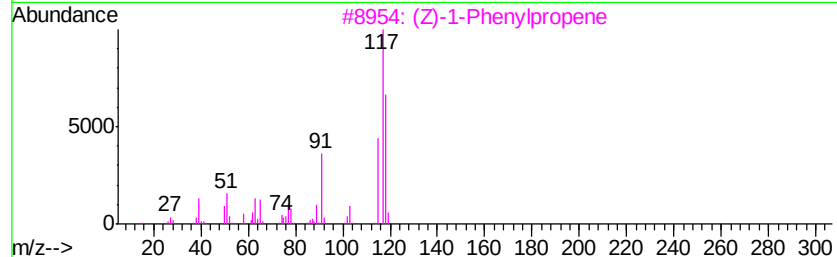
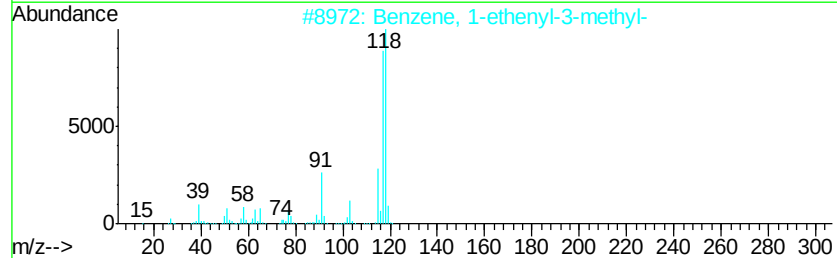
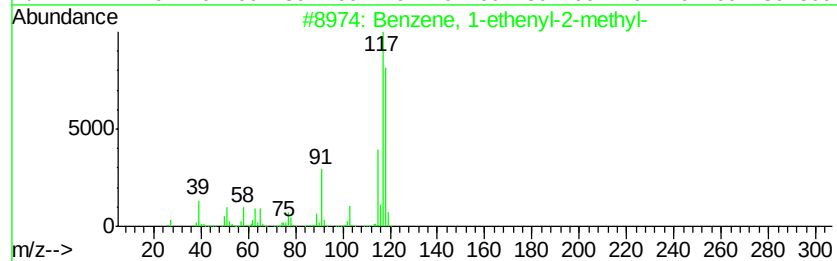
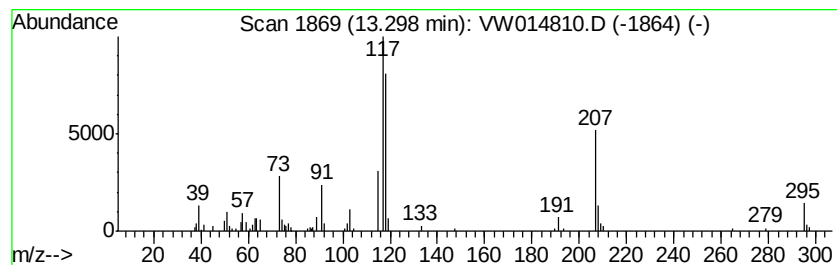
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Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1-ethenyl-2-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	3.72 ug/L	38397	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
2		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	60
3		(Z)-1-Phenylpropene	118	C9H10	000766-90-5	60
4		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	60
5		Benzene, 1-propenyl-	118	C9H10	000637-50-3	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014810.D
Acq On : 30 Jan 2020 13:55
Operator : SY/VA
Sample : L1271-11
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

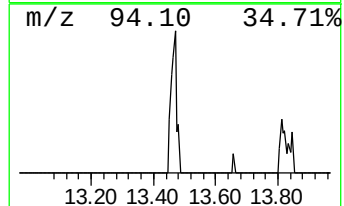
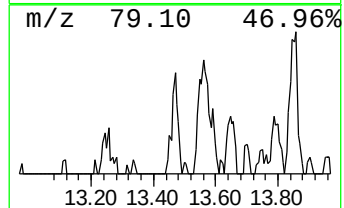
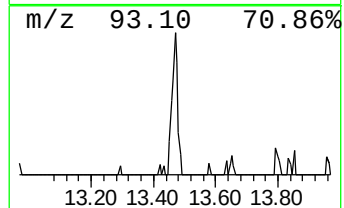
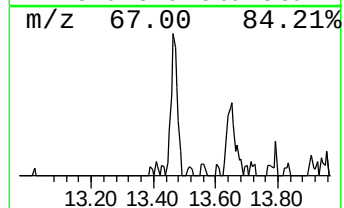
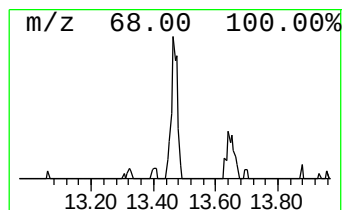
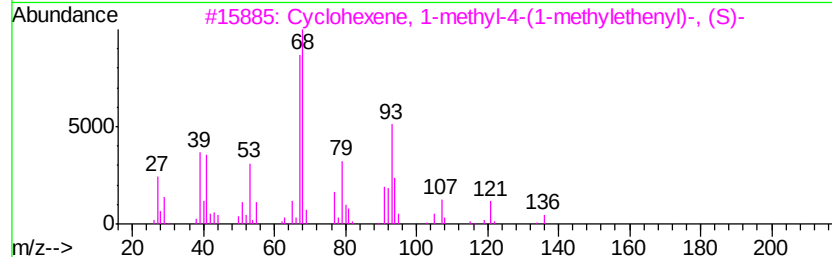
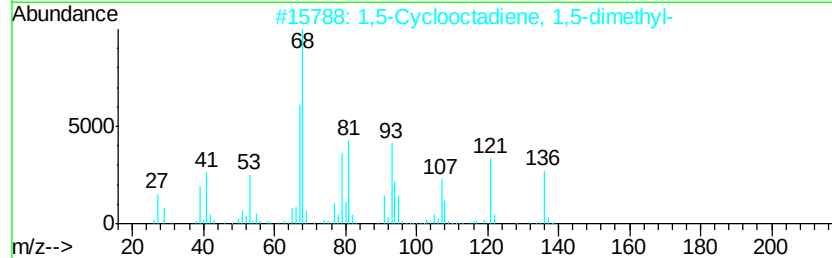
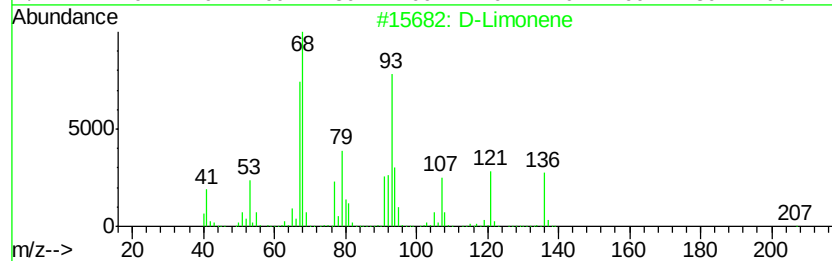
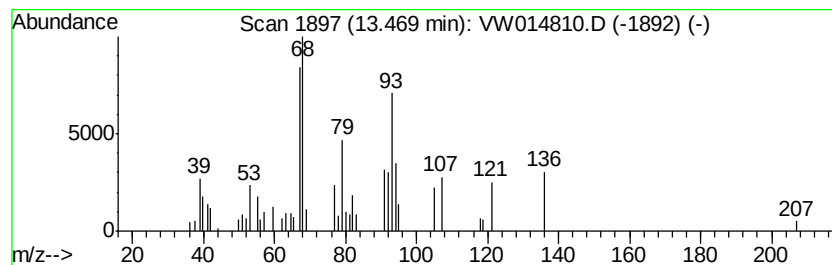
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Quant Title : VOC Analysis

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

Peak Number 8 D-Limonene Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	1.43 ug/L	14746	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Limonene	136	C10H16	005989-27-5	95
2		1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	87
3		Cyclohexene, 1-methyl-4-(1-methyl...	136	C10H16	005989-54-8	86
4		D-Limonene	136	C10H16	005989-27-5	68
5		D-Limonene	136	C10H16	005989-27-5	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014810.D
Acq On : 30 Jan 2020 13:55
Operator : SY/VA
Sample : L1271-11
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

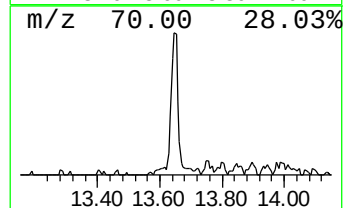
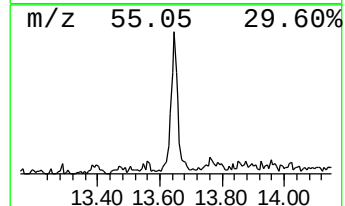
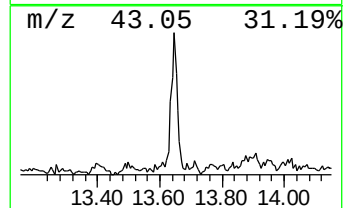
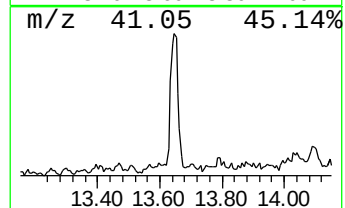
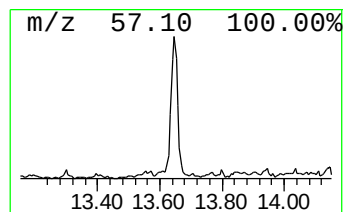
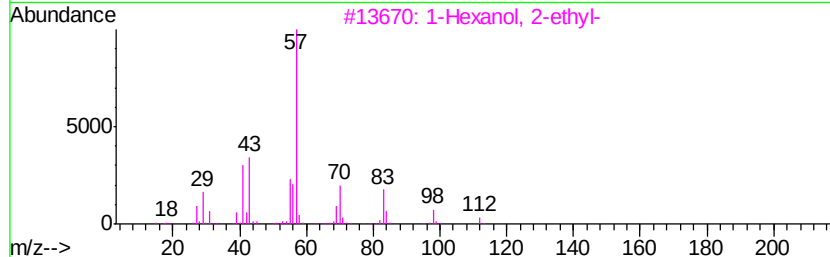
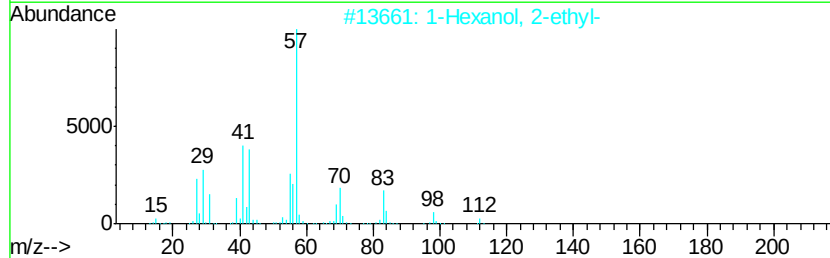
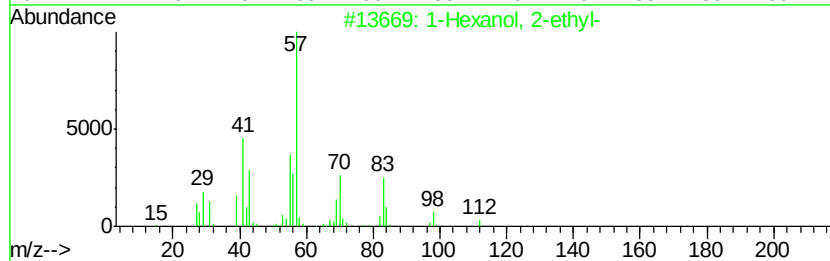
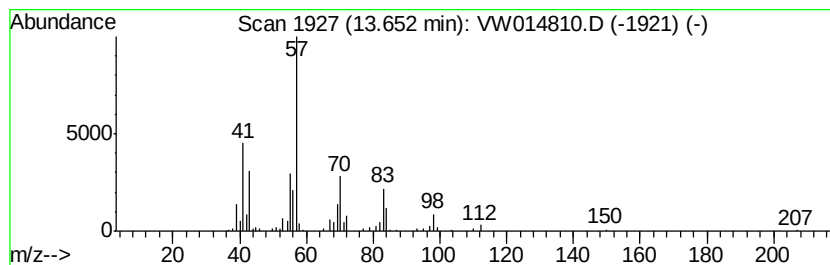
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Quant Title : VOC Analysis

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

Peak Number 9 1-Hexanol, 2-ethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	6.70 ug/L	69138	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5		2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014810.D
Acq On : 30 Jan 2020 13:55
Operator : SY/VA
Sample : L1271-11
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

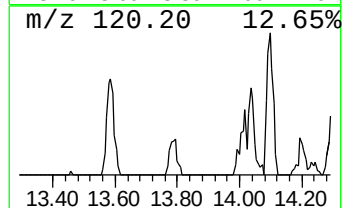
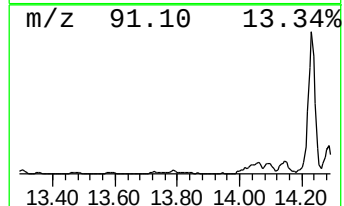
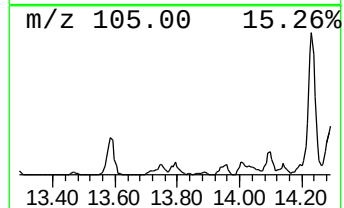
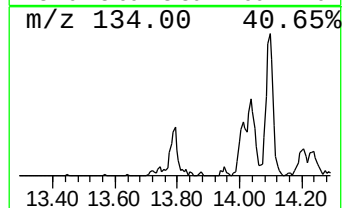
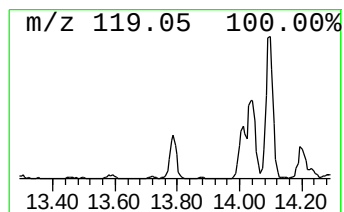
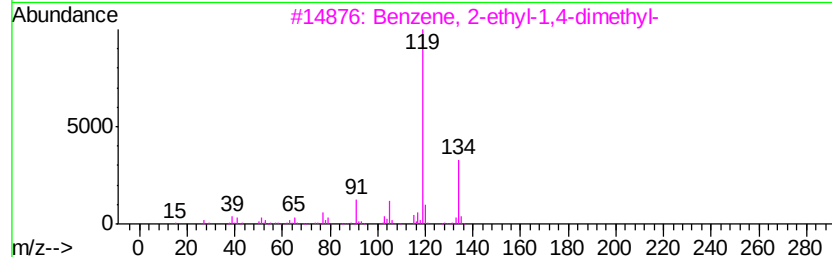
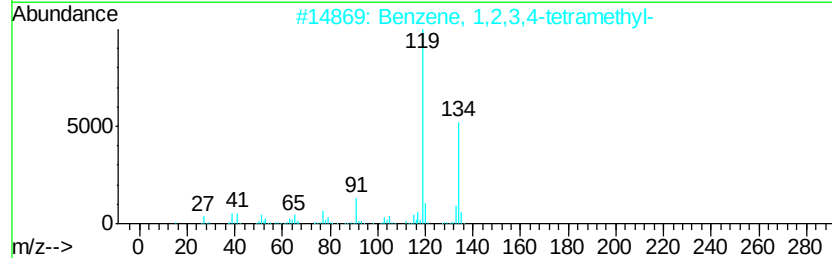
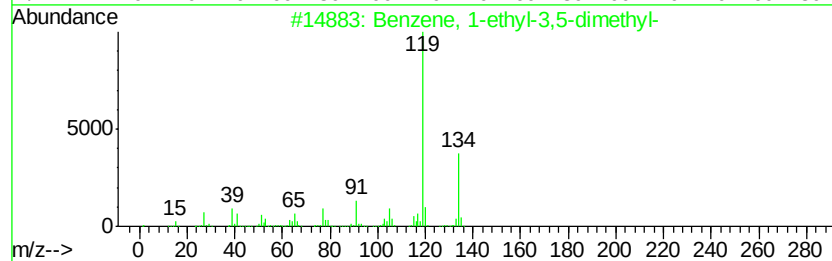
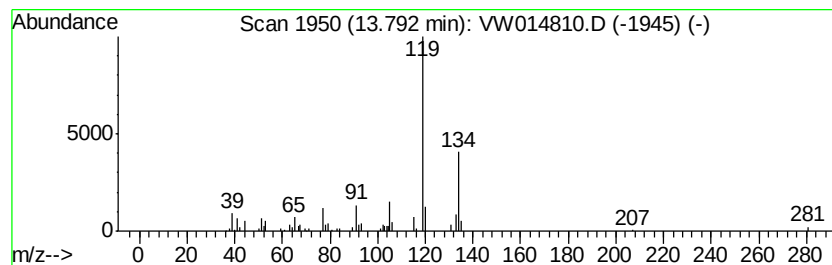
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Quant Title : VOC Analysis

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

Peak Number 10 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	2.59 ug/L	26681	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014810.D
Acq On : 30 Jan 2020 13:55
Operator : SY/VA
Sample : L1271-11
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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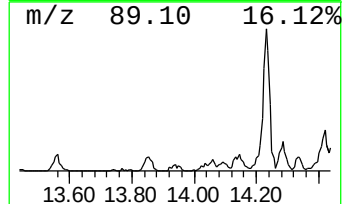
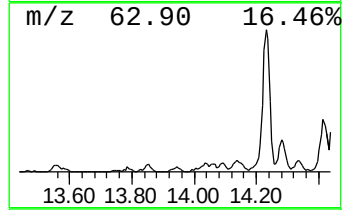
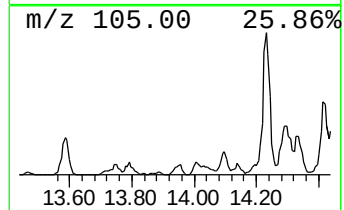
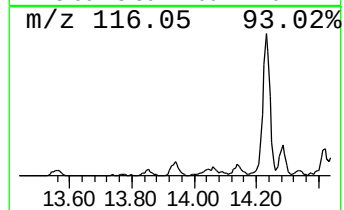
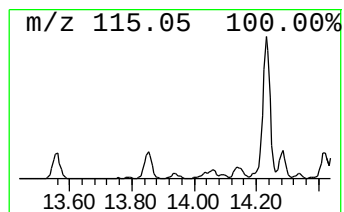
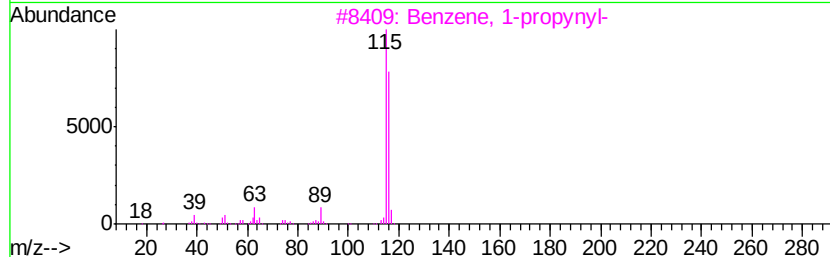
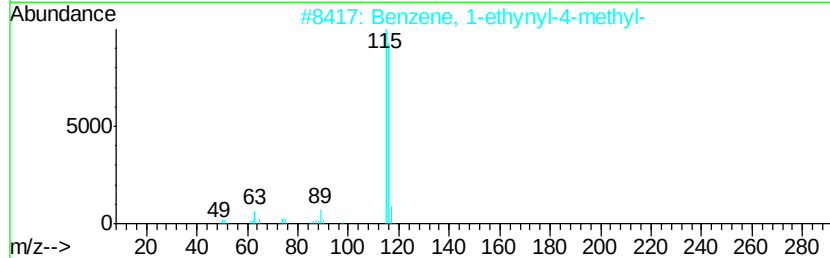
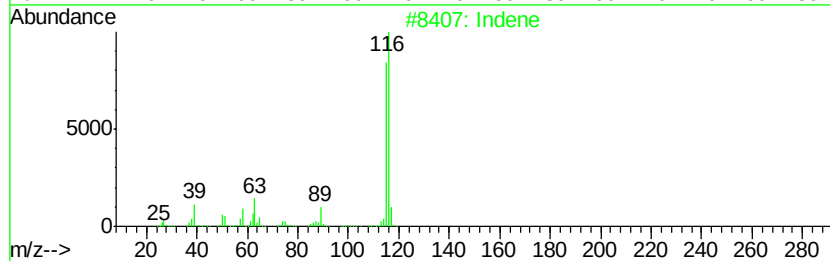
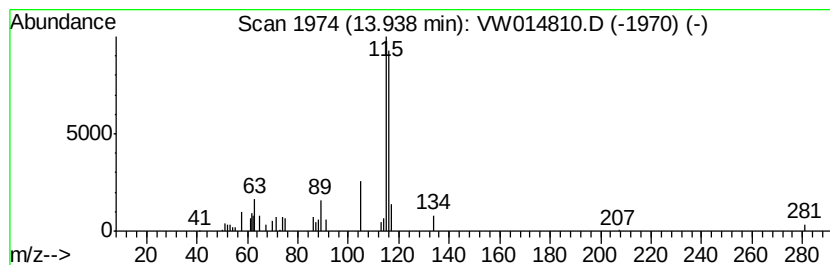
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Quant Title : VOC Analysis

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

Peak Number 11 Indene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	2.01 ug/L	20692	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	83
2		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	74
3		Benzene, 1-propynyl-	116	C9H8	000673-32-5	72
4		Indene	116	C9H8	000095-13-6	64
5		Indene	116	C9H8	000095-13-6	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014810.D
Acq On : 30 Jan 2020 13:55
Operator : SY/VA
Sample : L1271-11
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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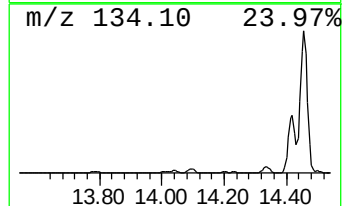
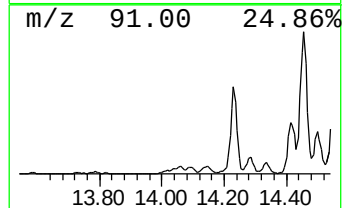
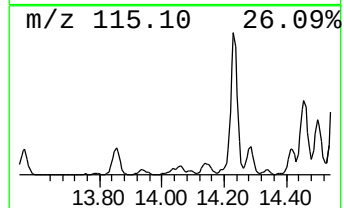
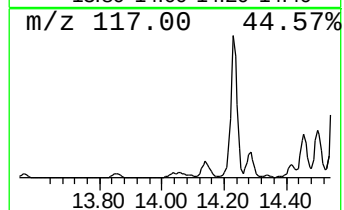
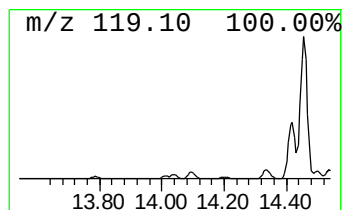
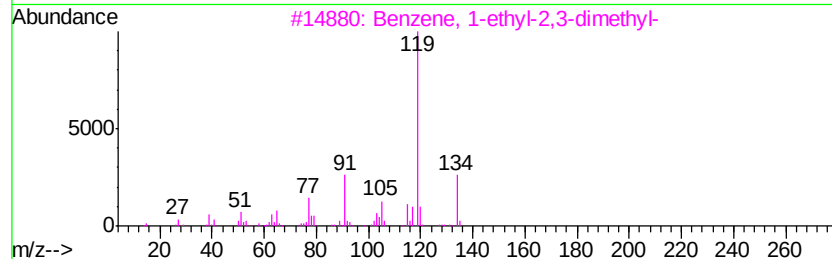
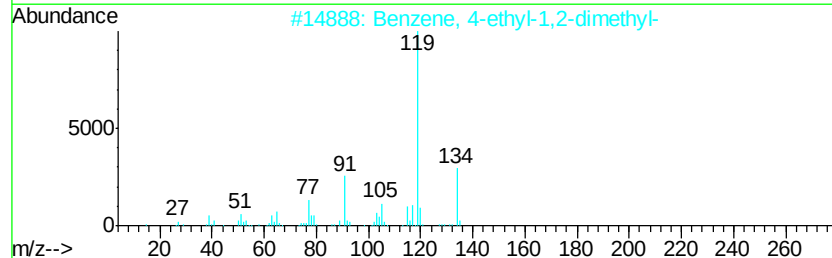
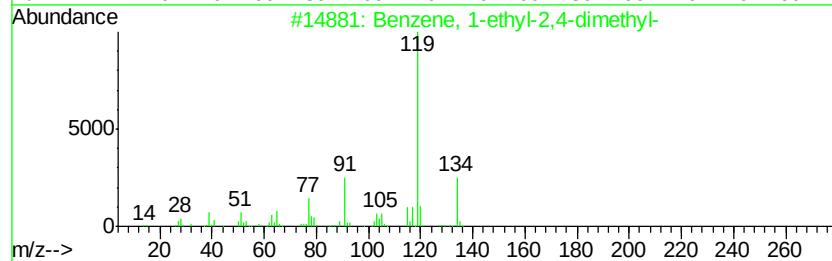
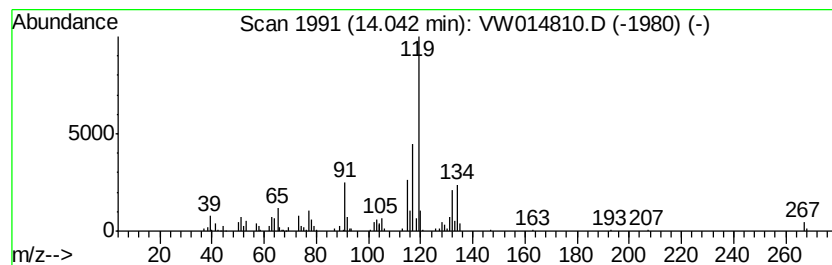
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	11.22 ug/L	115776	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	60
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	60
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	60
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	55
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014810.D
Acq On : 30 Jan 2020 13:55
Operator : SY/VA
Sample : L1271-11
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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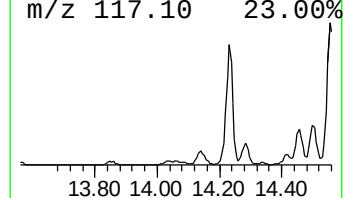
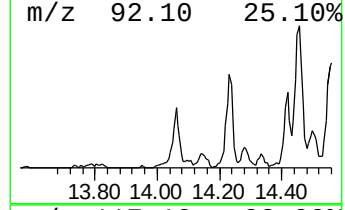
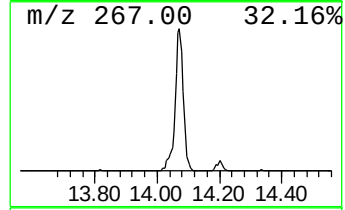
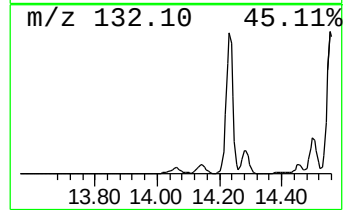
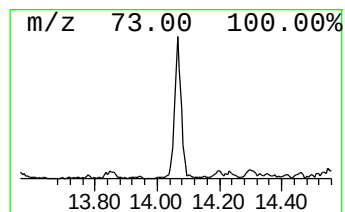
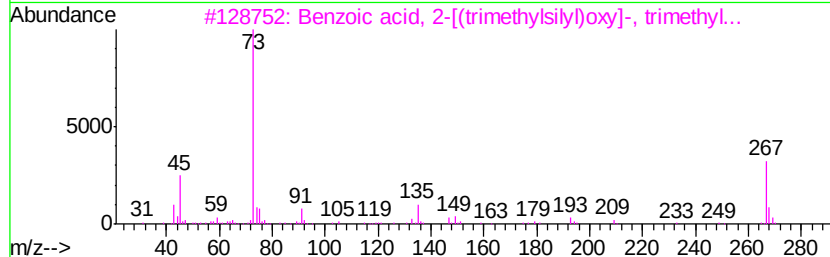
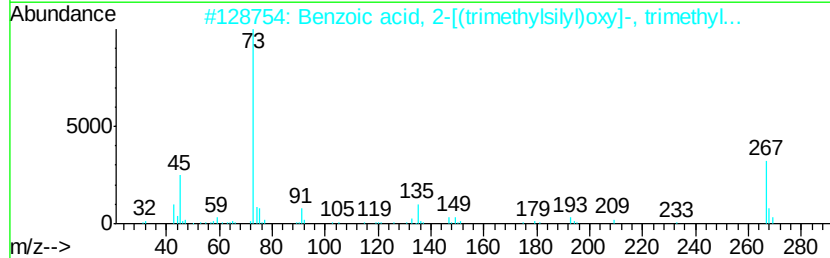
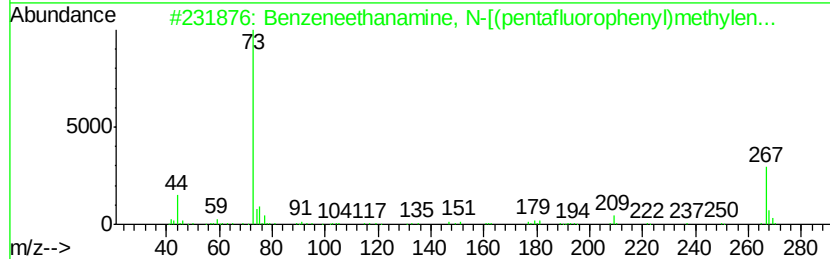
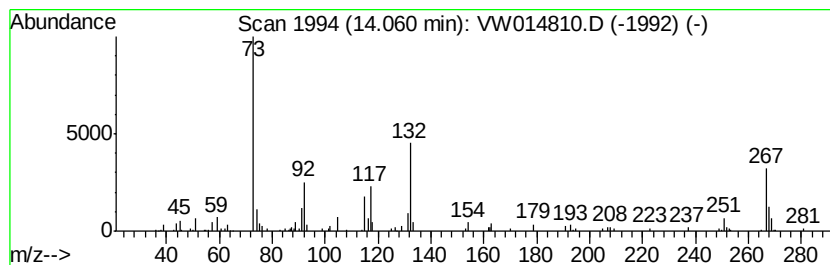
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Quant Title : VOC Analysis

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

Peak Number 13 unknown-01 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	1.78 ug/L	18362	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenethanamine, N-[(pentafluoro...	475	C21H26F5N02Si2	055429-85-1	12
2			Benzoic acid, 2-[(trimethylsilyl)...	282	C13H22O3Si2	003789-85-3	12
3			Benzoic acid, 2-[(trimethylsilyl)...	282	C13H22O3Si2	003789-85-3	10
4			3,9-Dioxo-6-thia-2,10-disilaunde...	282	C10H26O3SSi2	097916-03-5	10
5			11H-Dibenzo[b,e][1,4]diazepin-11...	267	C16H17N3O	013450-73-2	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014810.D
Acq On : 30 Jan 2020 13:55
Operator : SY/VA
Sample : L1271-11
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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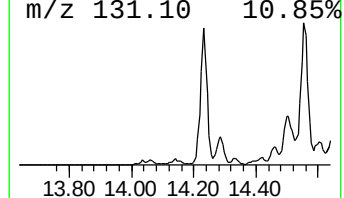
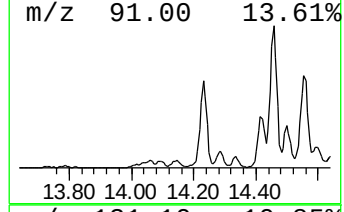
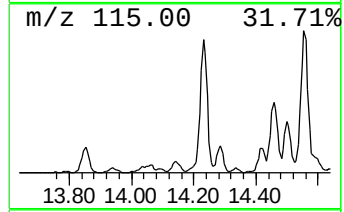
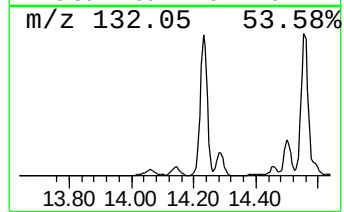
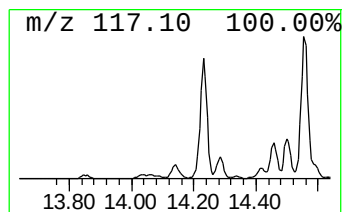
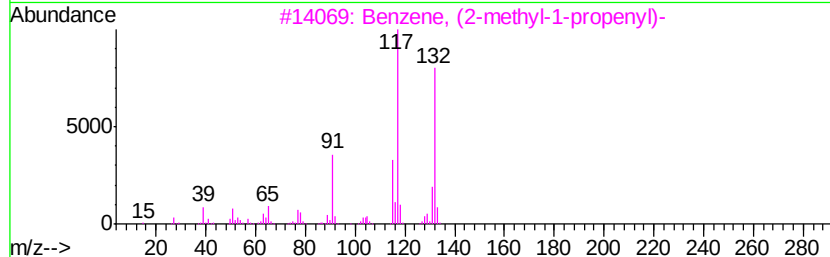
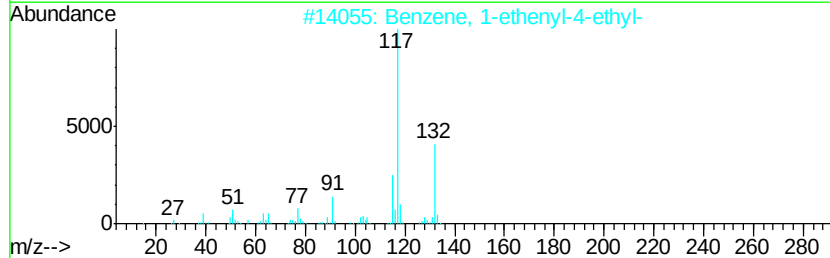
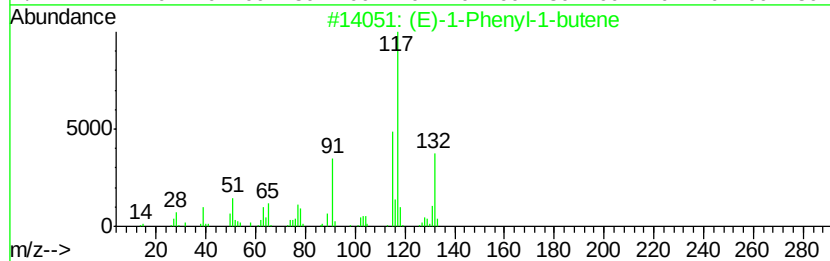
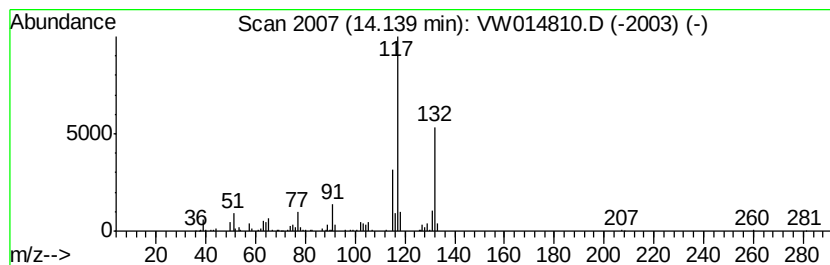
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Quant Title : VOC Analysis

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

Peak Number 14 (E)-1-Phenyl-1-butene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	9.66 ug/L	99662	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	95
2		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	94
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014810.D
Acq On : 30 Jan 2020 13:55
Operator : SY/VA
Sample : L1271-11
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

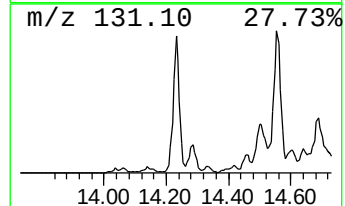
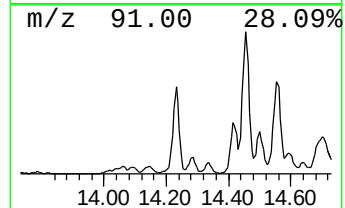
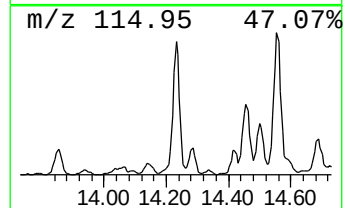
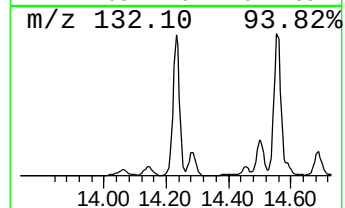
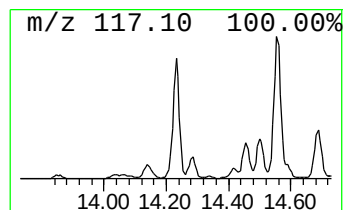
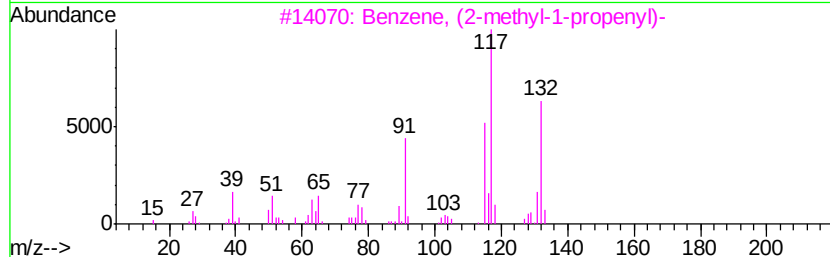
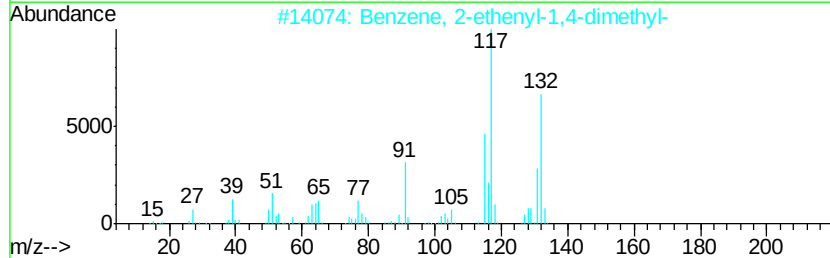
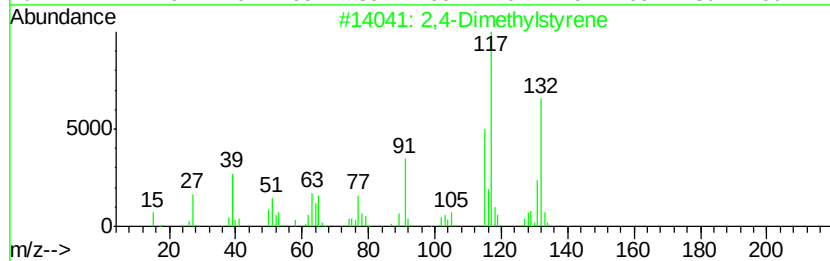
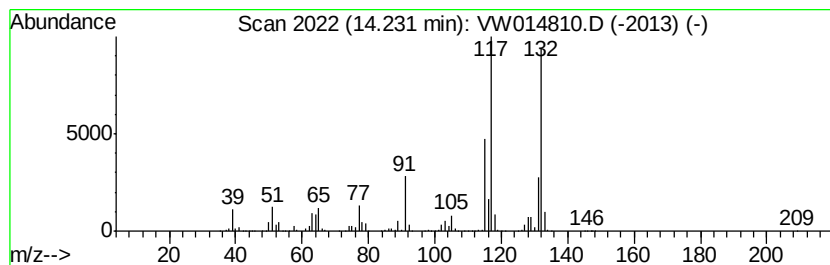
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 15 2,4-Dimethylstyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	121.13 ug/L	1249810	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,4-Dimethylstyrene	132 C10H12	002234-20-0	97
2	Benzene, 2-ethenyl-1,4-dimethyl-	132 C10H12	002039-89-6	97
3	Benzene, (2-methyl-1-propenyl)-	132 C10H12	000768-49-0	96
4	Benzene, 1-methyl-4-(2-propenyl)-	132 C10H12	003333-13-9	96
5	Benzene, 4-ethenyl-1,2-dimethyl-	132 C10H12	027831-13-6	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014810.D
Acq On : 30 Jan 2020 13:55
Operator : SY/VA
Sample : L1271-11
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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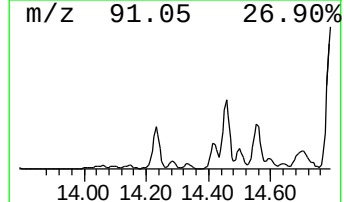
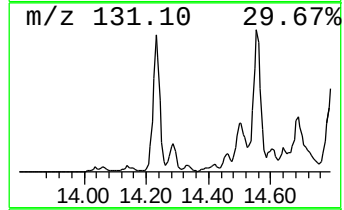
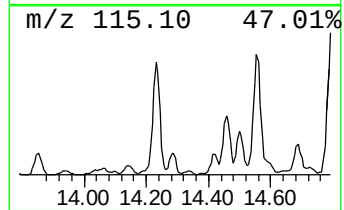
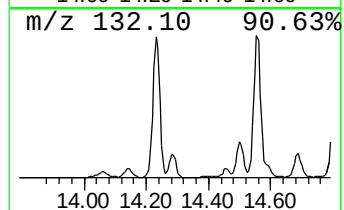
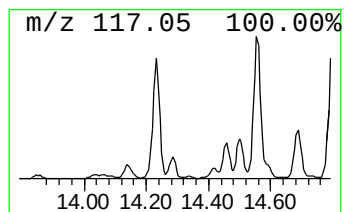
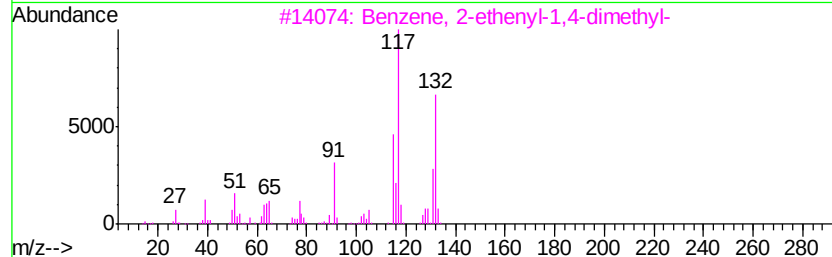
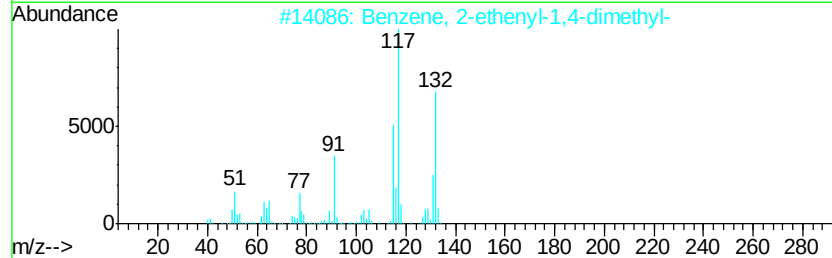
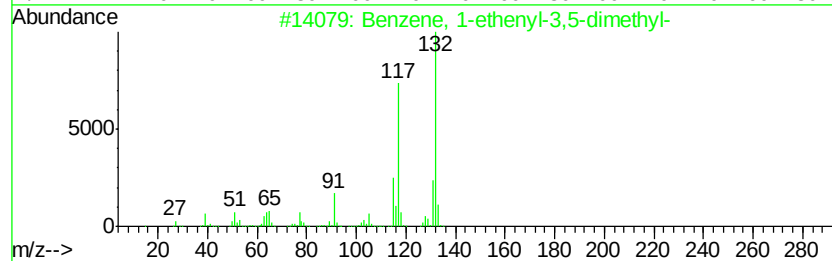
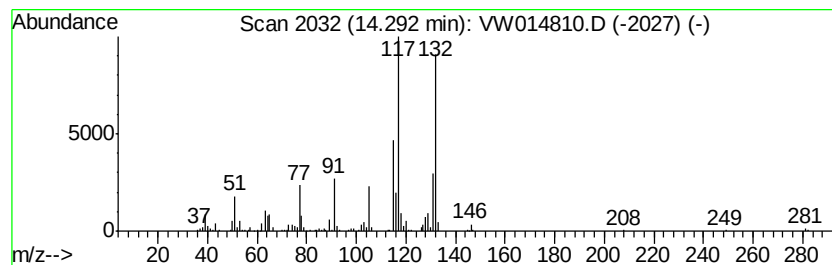
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Quant Title : VOC Analysis

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

Peak Number 16 Benzene, 1-ethenyl-3,5-dime... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	17.95 ug/L	185171	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
3		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
4		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	93
5		Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014810.D
Acq On : 30 Jan 2020 13:55
Operator : SY/VA
Sample : L1271-11
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

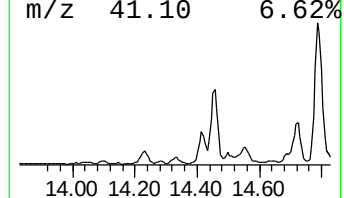
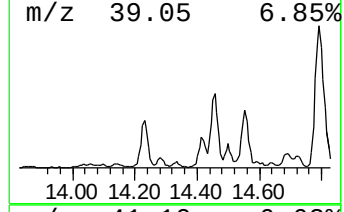
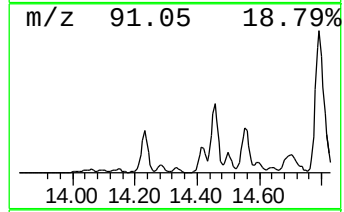
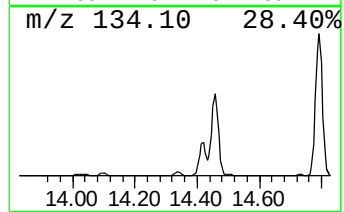
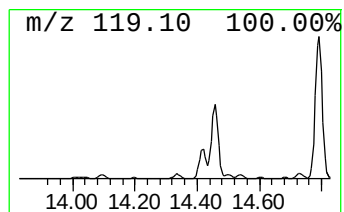
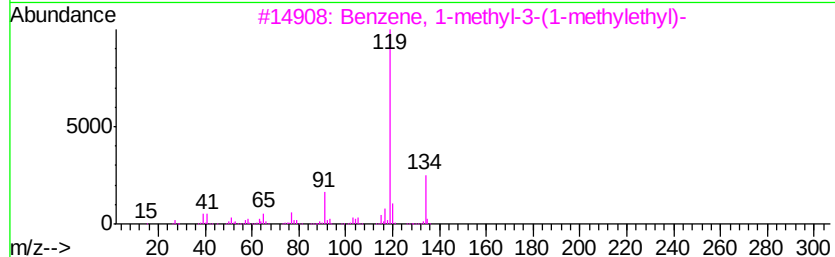
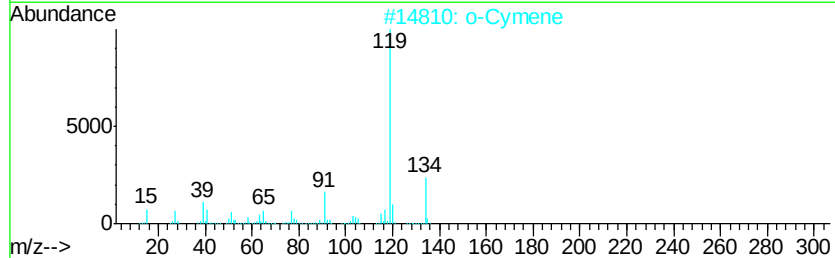
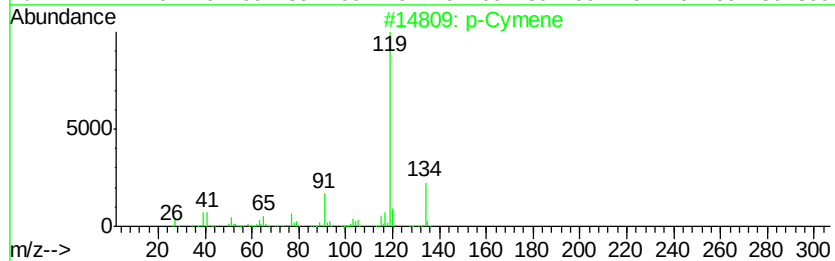
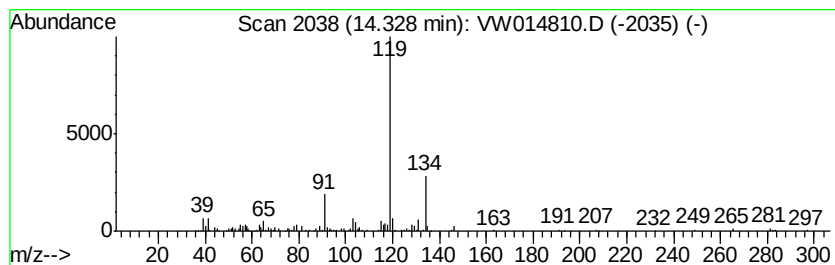
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Quant Title : VOC Analysis

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

Peak Number 17 p-Cymene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	13.74 ug/L	141752	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	90
2		o-Cymene	134	C10H14	000527-84-4	90
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	90
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014810.D
Acq On : 30 Jan 2020 13:55
Operator : SY/VA
Sample : L1271-11
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

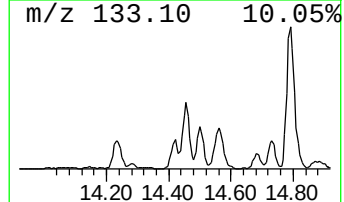
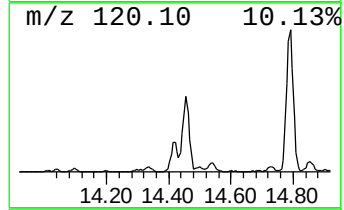
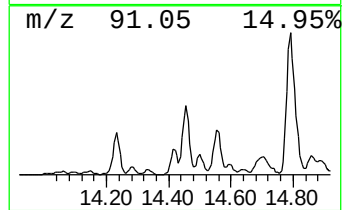
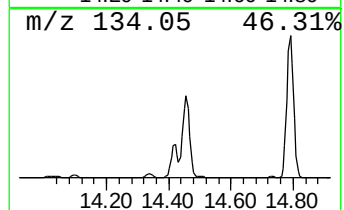
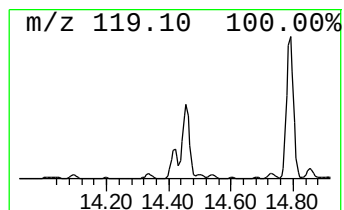
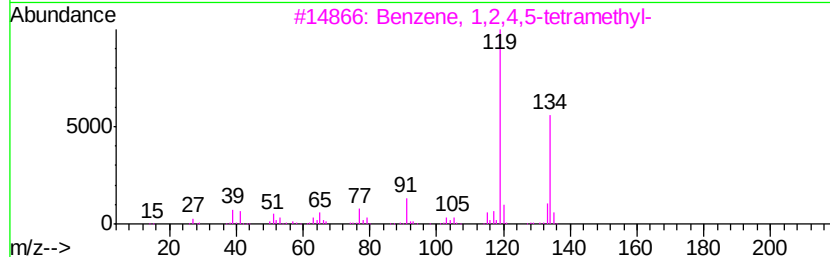
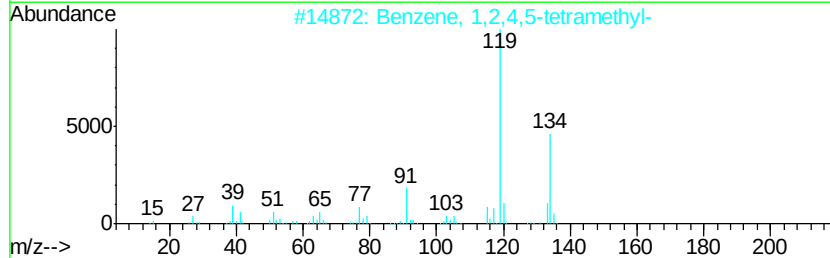
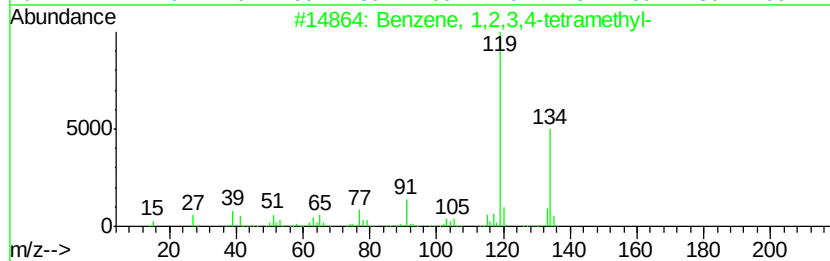
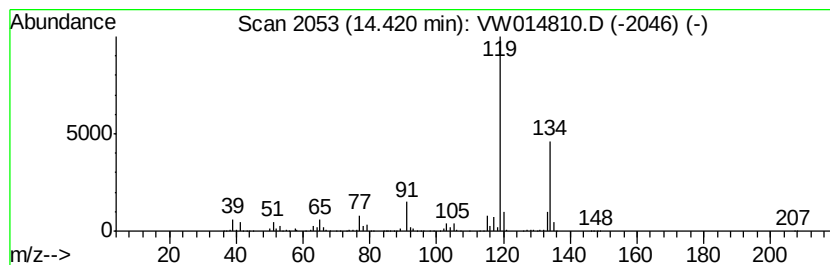
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Quant Title : VOC Analysis

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

Peak Number 18 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	72.90 ug/L	752173	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, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014810.D
Acq On : 30 Jan 2020 13:55
Operator : SY/VA
Sample : L1271-11
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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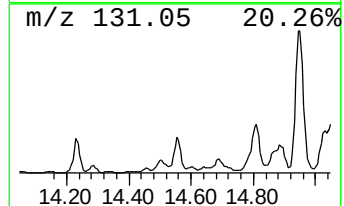
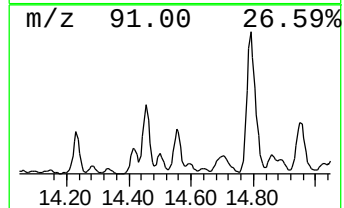
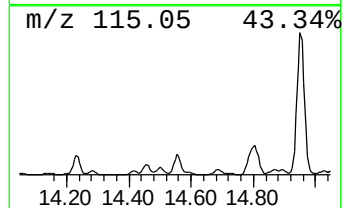
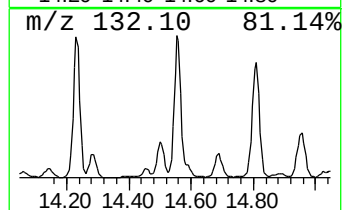
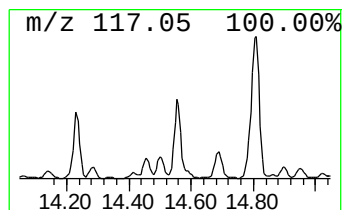
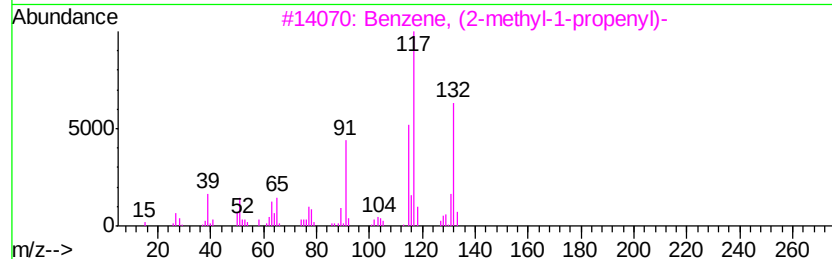
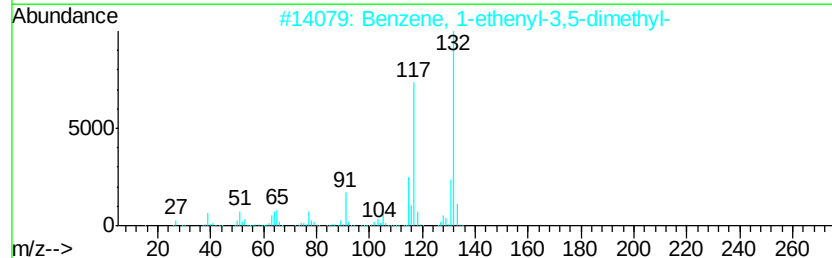
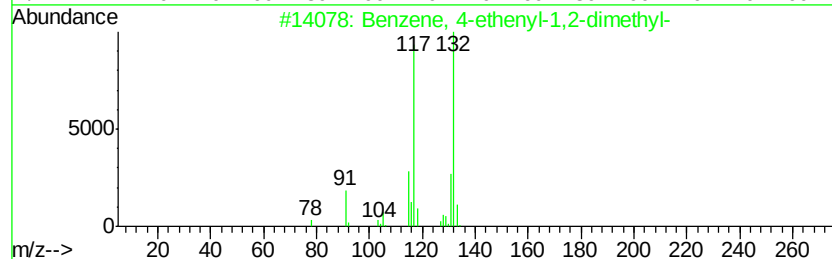
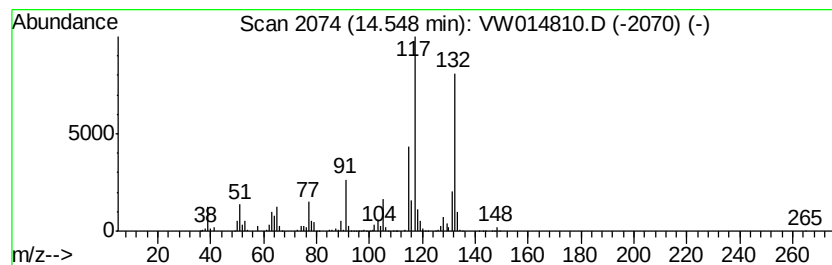
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Quant Title : VOC Analysis

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

Peak Number 21 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	120.28 ug/L	1241090	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	97
2		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	96
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
4		Benzene, 2-butenyl-	132	C10H12	001560-06-1	95
5		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014810.D
Acq On : 30 Jan 2020 13:55
Operator : SY/VA
Sample : L1271-11
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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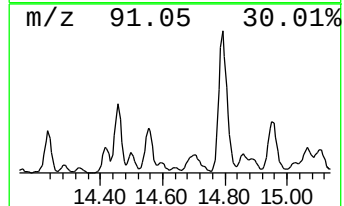
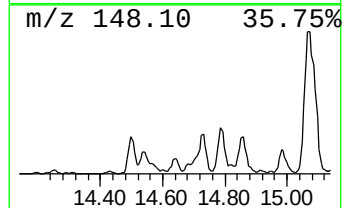
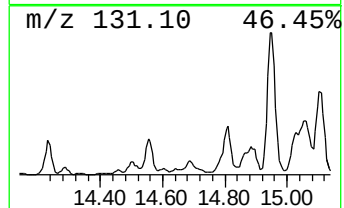
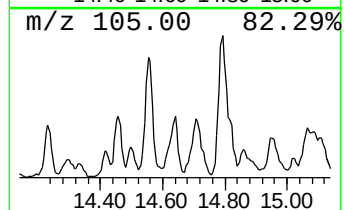
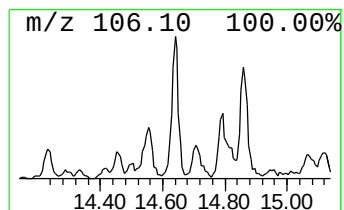
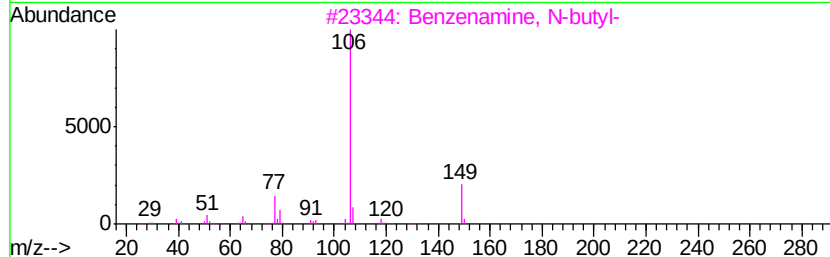
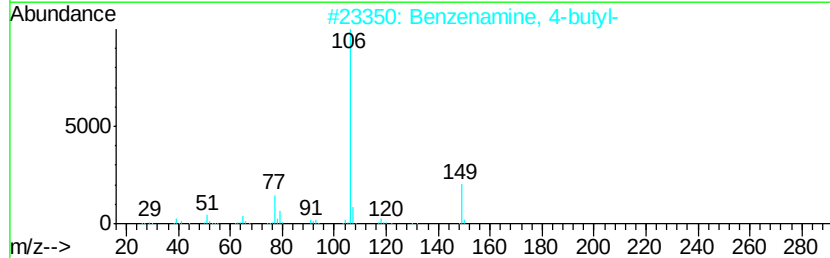
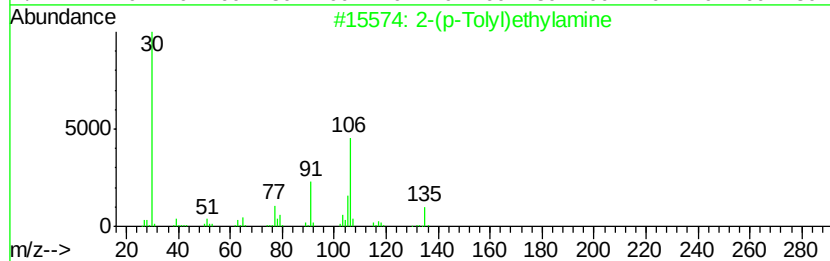
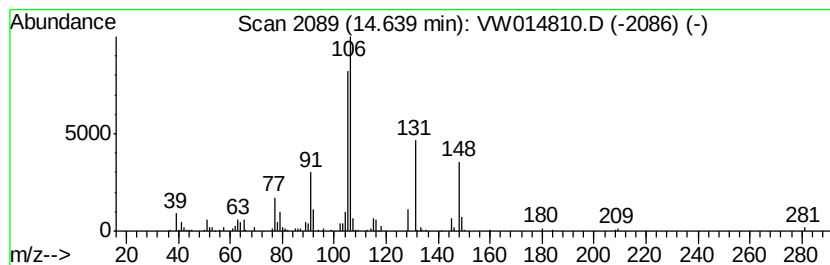
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Quant Title : VOC Analysis

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

Peak Number 22 unknown-02 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	4.37 ug/L	45093	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-(p-Tolyl)ethylamine	135	C9H13N	003261-62-9	43
2		Benzenamine, 4-butyl-	149	C10H15N	000104-13-2	38
3		Benzenamine, N-butyl-	149	C10H15N	001126-78-9	38
4		Benzaldehyde	106	C7H6O	000100-52-7	38
5		Benzenemethanamine, 2-bromo-	185	C7H8BrN	003959-05-5	35



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014810.D
Acq On : 30 Jan 2020 13:55
Operator : SY/VA
Sample : L1271-11
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

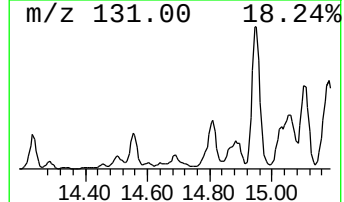
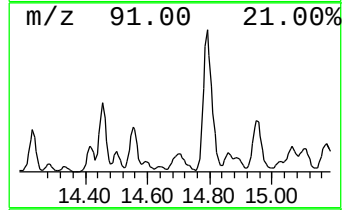
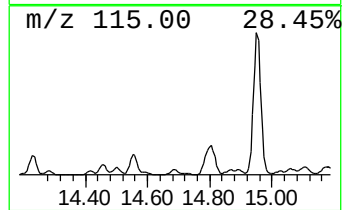
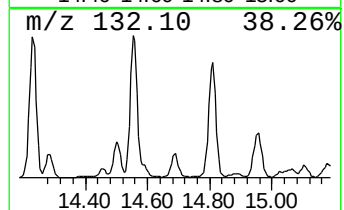
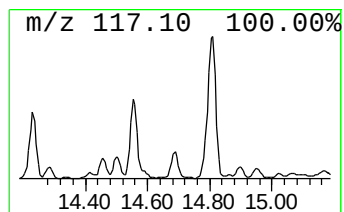
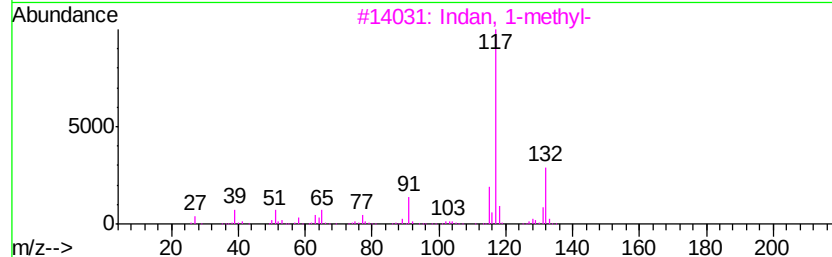
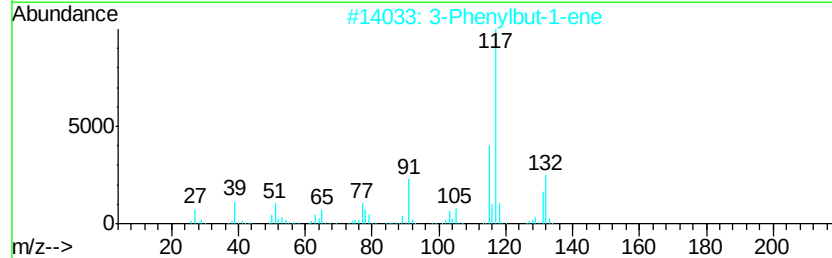
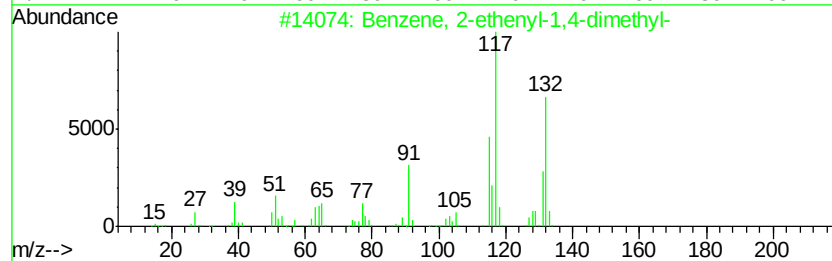
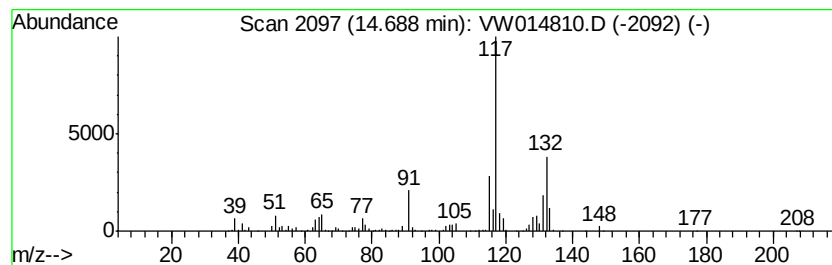
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Quant Title : VOC Analysis

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

Peak Number 23 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	39.82 ug/L	410871	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3		Indan, 1-methyl-	132	C10H12	000767-58-8	90
4		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014810.D
Acq On : 30 Jan 2020 13:55
Operator : SY/VA
Sample : L1271-11
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

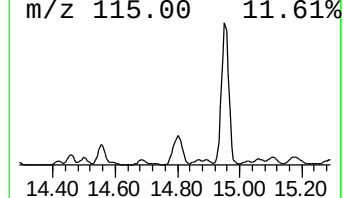
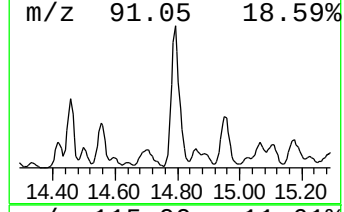
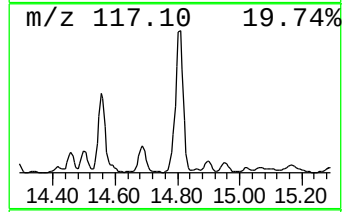
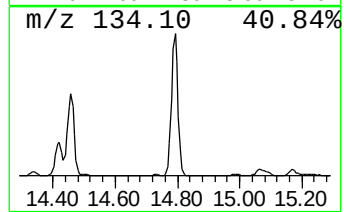
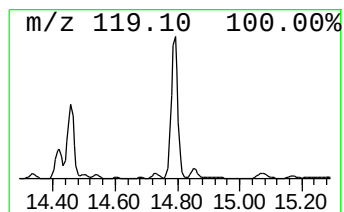
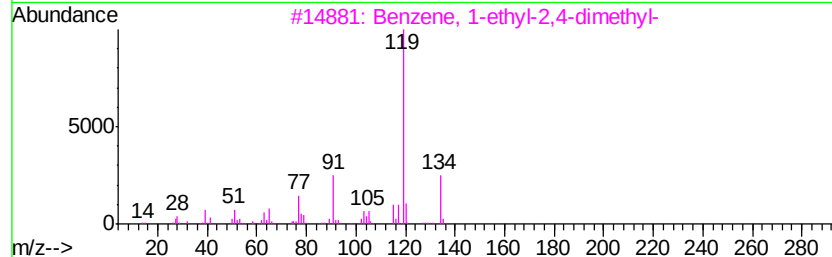
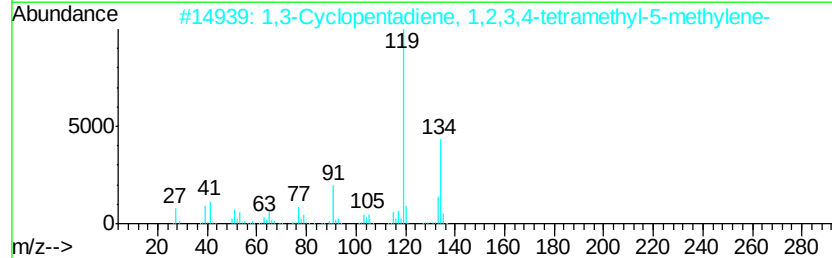
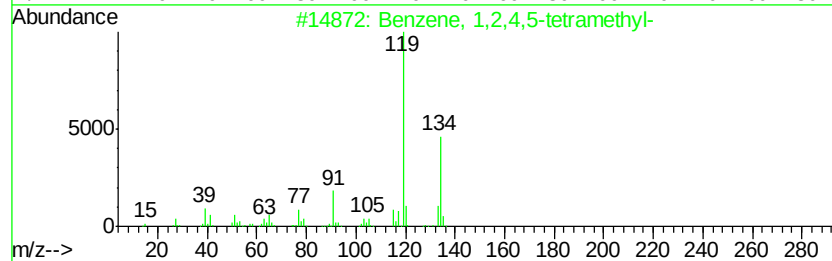
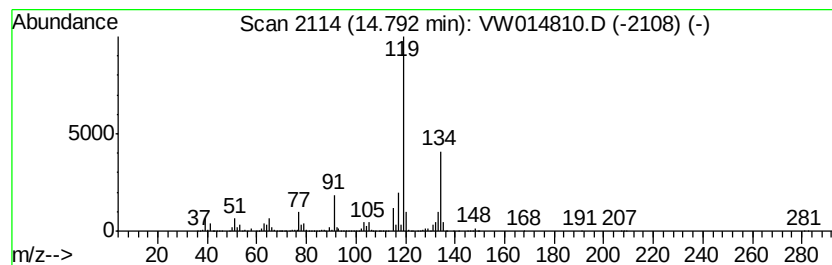
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Quant Title : VOC Analysis

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

Peak Number 24 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	512.17 ug/L	5284620	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
4		p-Cymene	134	C10H14	000099-87-6	90
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014810.D
Acq On : 30 Jan 2020 13:55
Operator : SY/VA
Sample : L1271-11
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

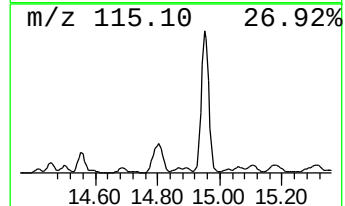
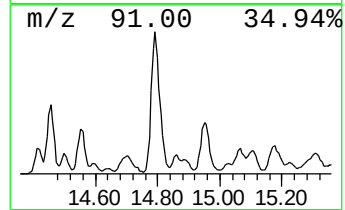
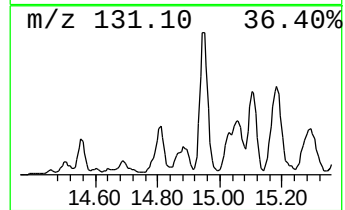
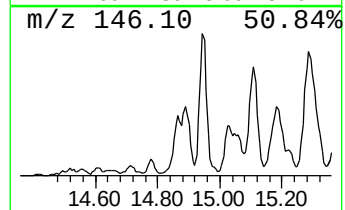
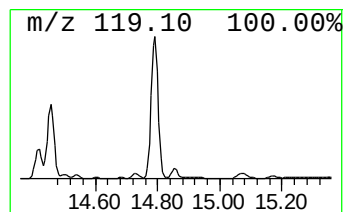
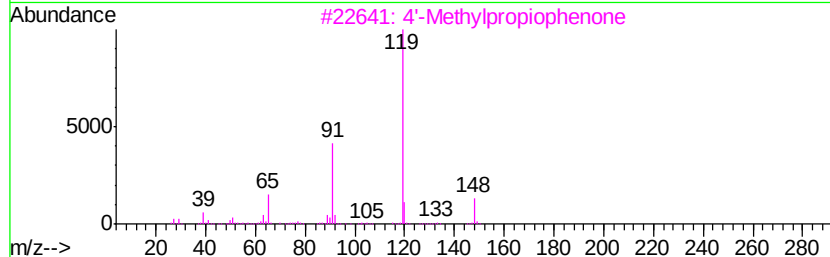
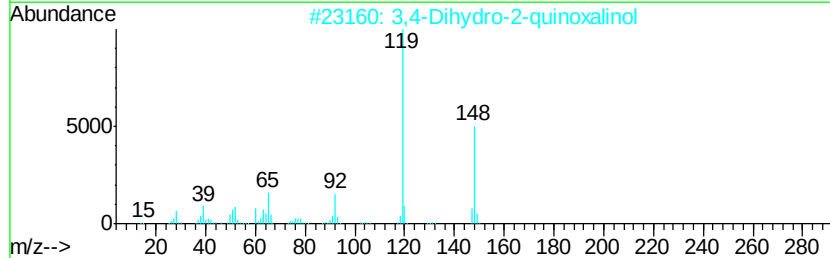
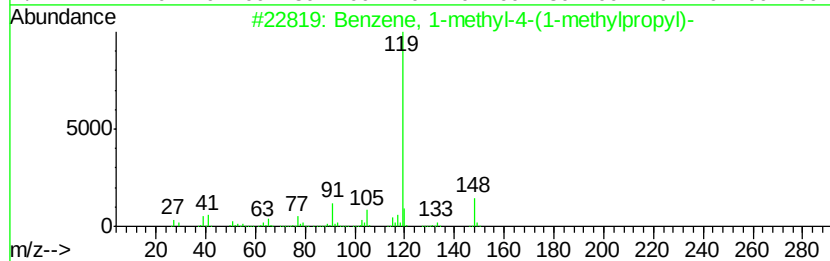
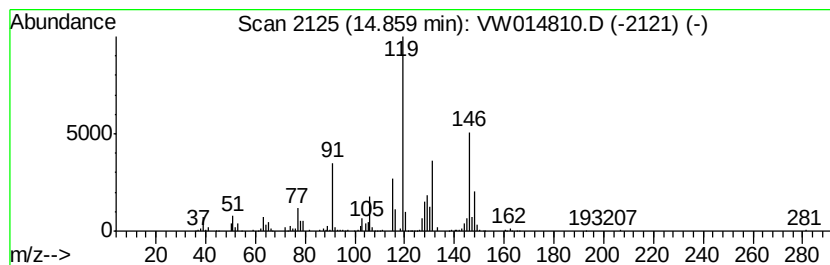
Instrument :
MSVOA_W
ClientSampleId :
GAT02

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 25 unknown-03 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	28.69 ug/L	295976	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 43
2		3,4-Dihydro-2-quinoxalinol	148 C8H8N2O	1000332-36-8 35
3		4'-Methylpropiofenone	148 C10H12O	005337-93-9 35
4		Nornicotine	148 C9H12N2	000494-97-3 35
5		Propiofenone, 2'-methyl-	148 C10H12O	002040-14-4 35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014810.D
Acq On : 30 Jan 2020 13:55
Operator : SY/VA
Sample : L1271-11
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

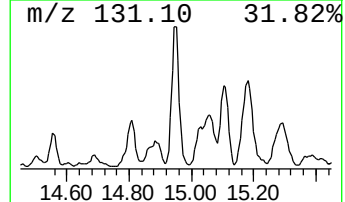
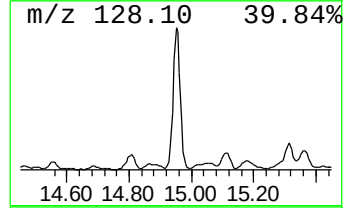
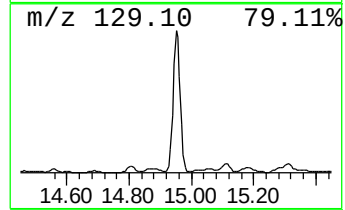
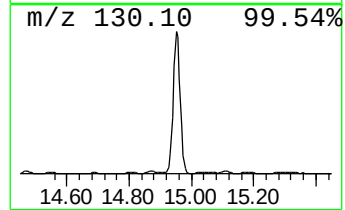
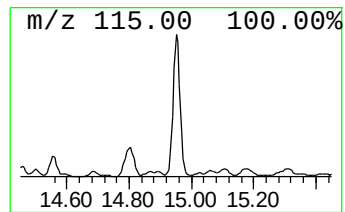
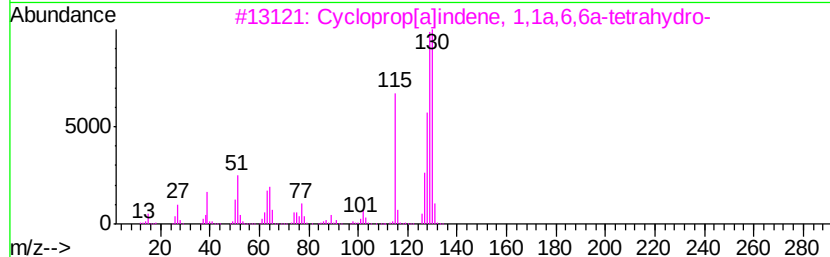
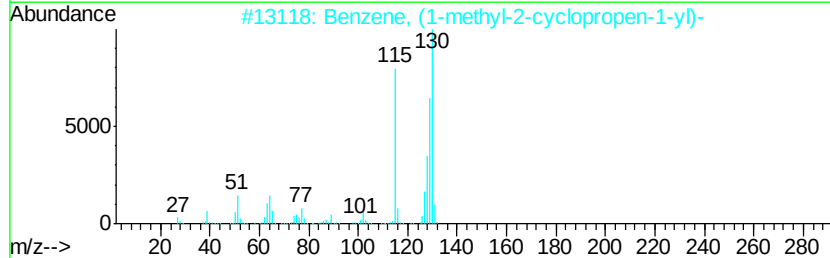
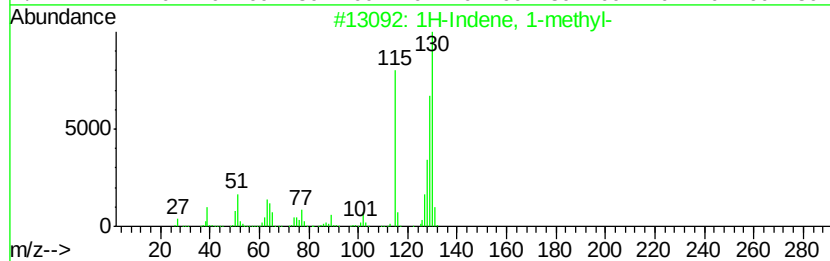
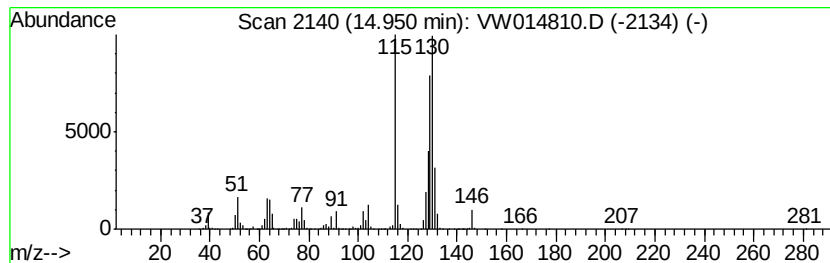
Instrument :
MSVOA_W
ClientSampleId :
GAT02

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 26 1H-Indene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.95	526.14 ug/L	5428730	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3	Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
4	2-Methylindene	130	C10H10	002177-47-1	95
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014810.D
Acq On : 30 Jan 2020 13:55
Operator : SY/VA
Sample : L1271-11
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

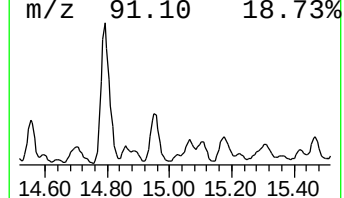
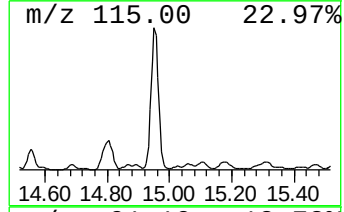
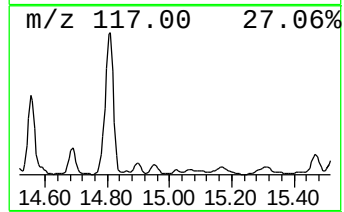
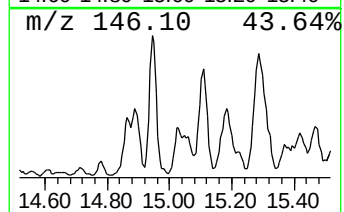
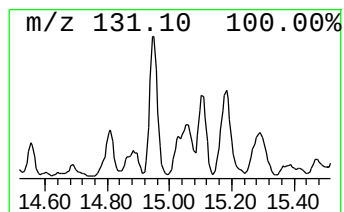
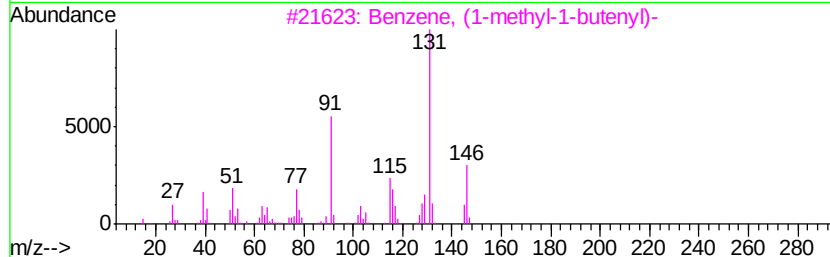
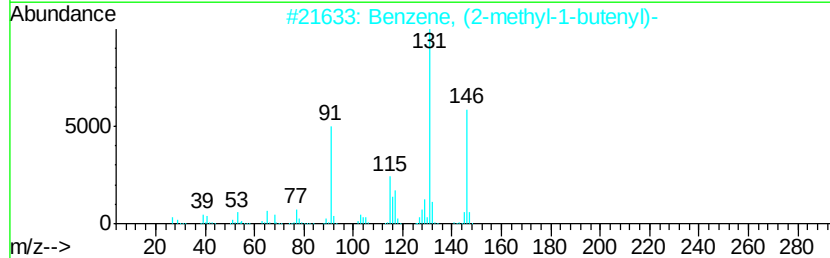
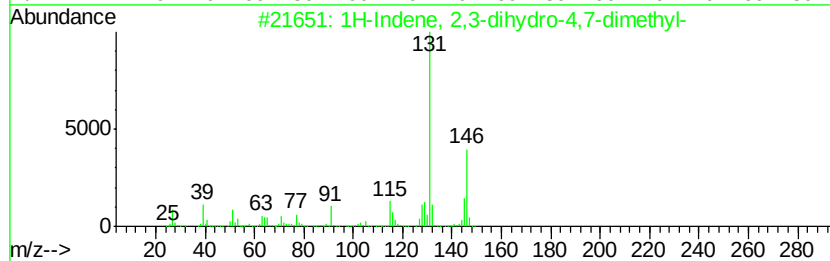
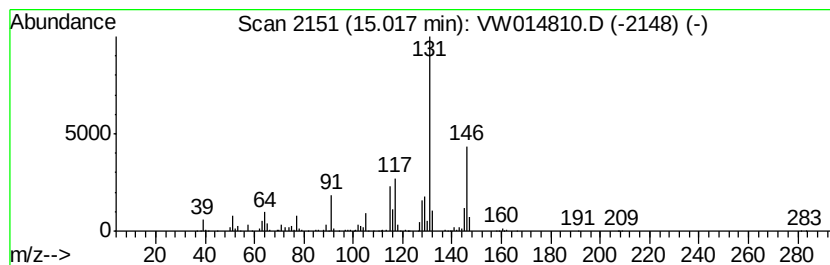
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Quant Title : VOC Analysis

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

Peak Number 27 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	21.15 ug/L	218248	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
5		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014810.D
Acq On : 30 Jan 2020 13:55
Operator : SY/VA
Sample : L1271-11
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

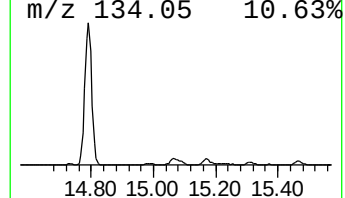
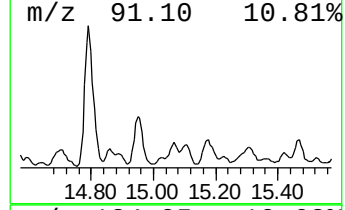
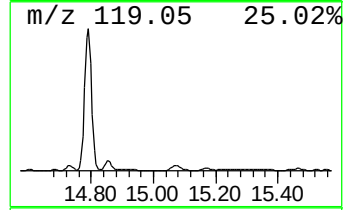
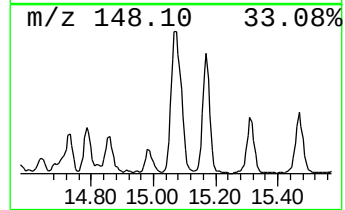
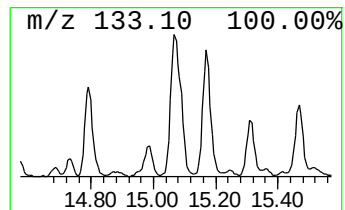
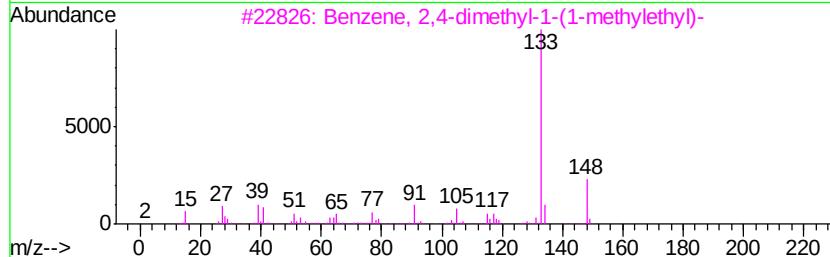
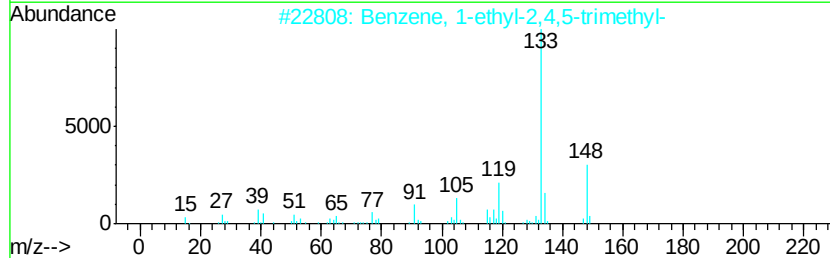
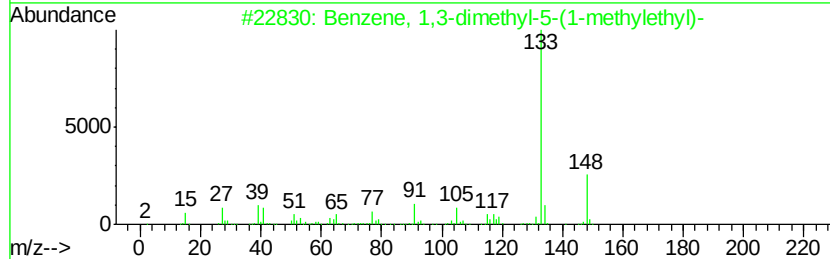
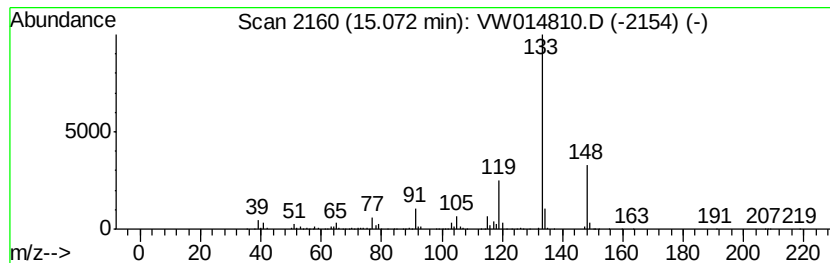
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	62.28 ug/L	642615	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-5-(1-methyl-...	148	C11H16	004706-90-5	87
2		Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	86
3		Benzene, 2,4-dimethyl-1-(1-methyl-...	148	C11H16	004706-89-2	83
4		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	83
5		3,4-Dimethylcumene	148	C11H16	1000370-34-1	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014810.D
Acq On : 30 Jan 2020 13:55
Operator : SY/VA
Sample : L1271-11
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

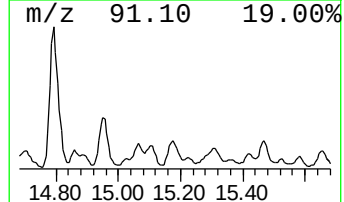
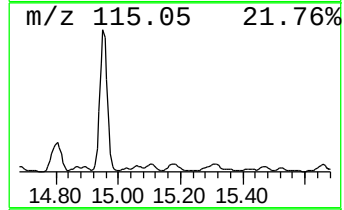
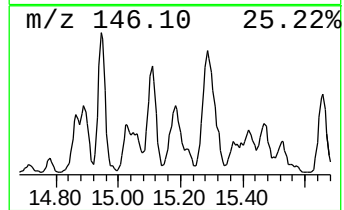
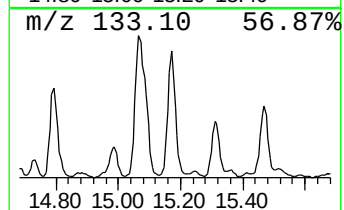
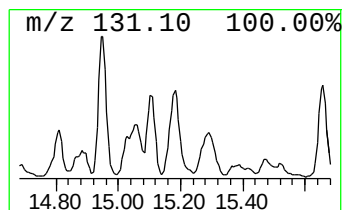
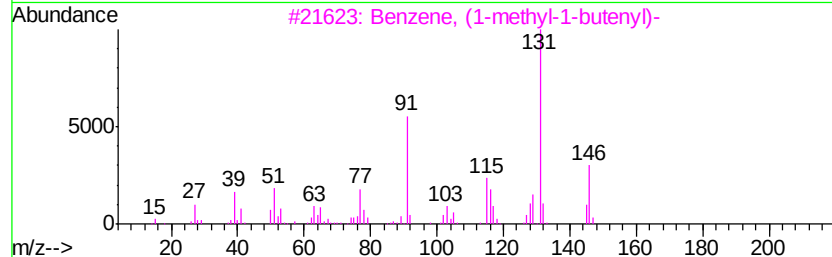
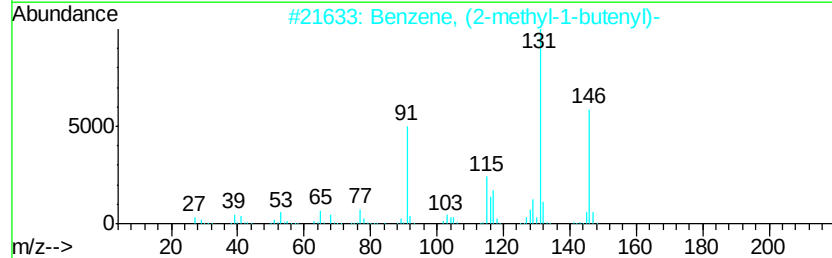
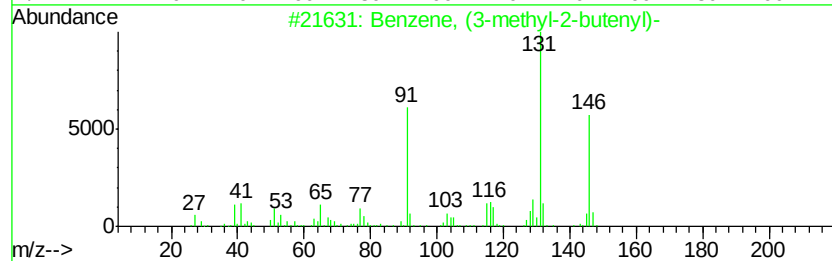
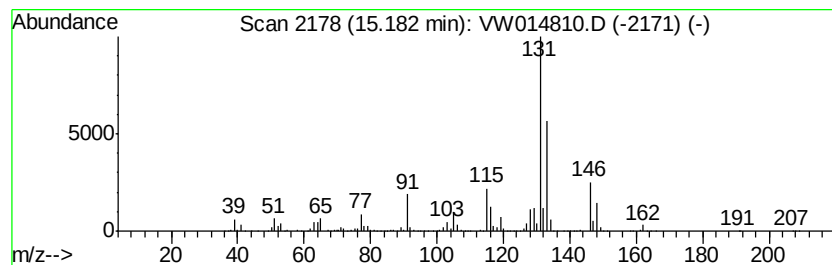
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Quant Title : VOC Analysis

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

Peak Number 29 Benzene, (3-methyl-2-butenyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	120.23 ug/L	1240590	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
2		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64
3		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
4		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	55
5		Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014810.D
Acq On : 30 Jan 2020 13:55
Operator : SY/VA
Sample : L1271-11
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

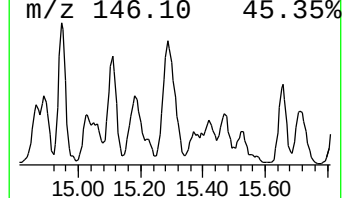
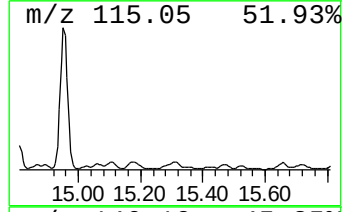
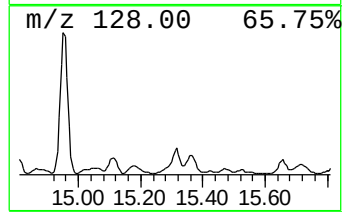
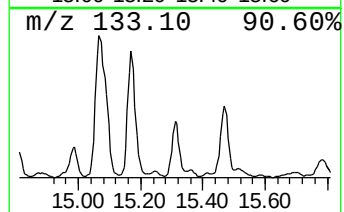
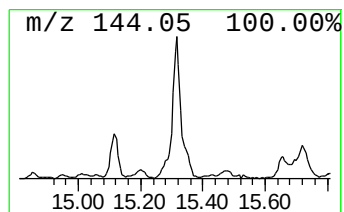
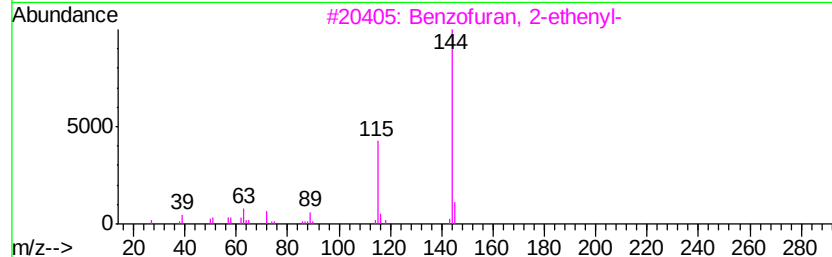
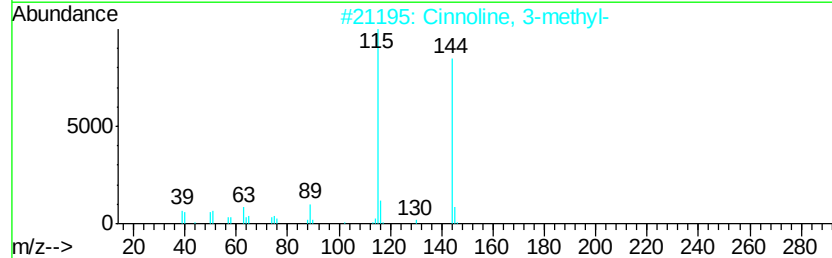
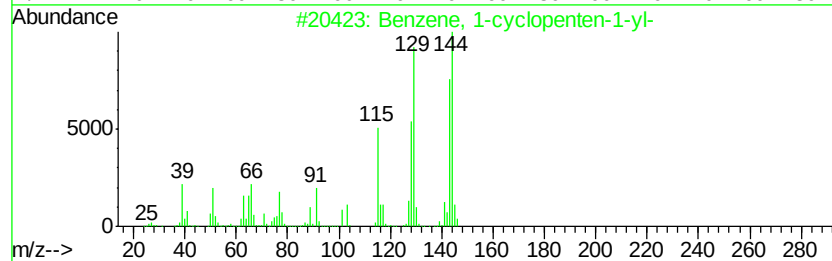
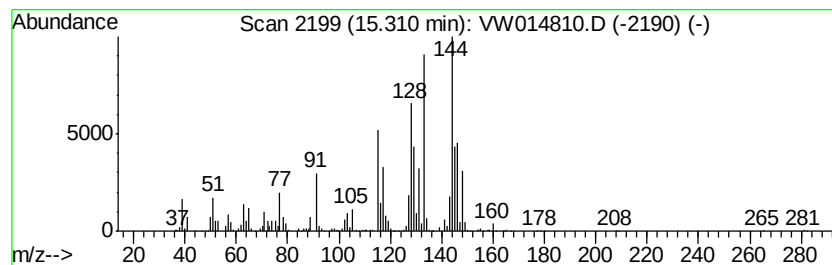
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Quant Title : VOC Analysis

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

Peak Number 30 unknown-04 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	126.84 ug/L	1308790	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-cyclopenten-1-yl-	144	C11H12	000825-54-7	27
2		Cinnoline, 3-methyl-	144	C9H8N2	017372-78-0	18
3		Benzofuran, 2-ethenyl-	144	C10H8O	007522-79-4	18
4		1-Naphthalenol	144	C10H8O	000090-15-3	14
5		2-Propen-1-amine, N-(phenylmethy...	145	C10H11N	021064-27-7	14



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014810.D
Acq On : 30 Jan 2020 13:55
Operator : SY/VA
Sample : L1271-11
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

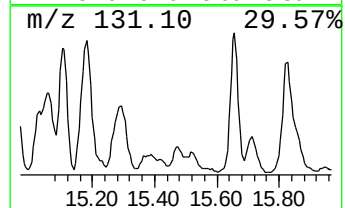
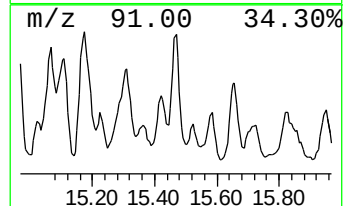
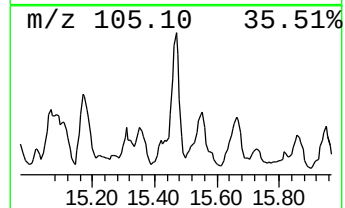
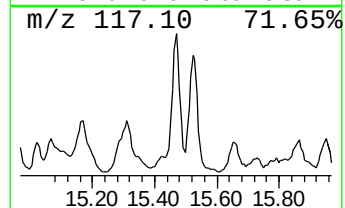
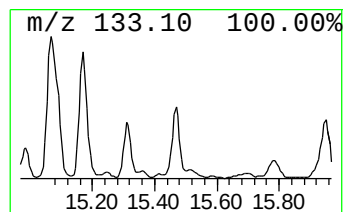
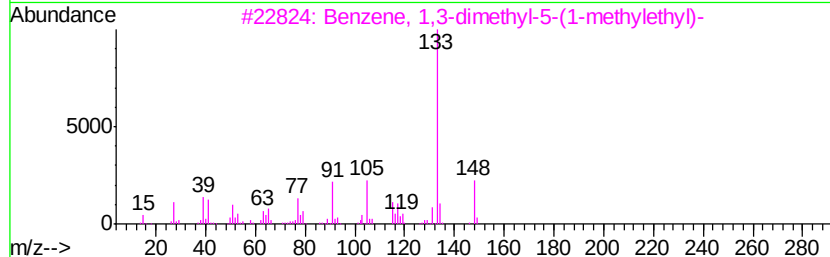
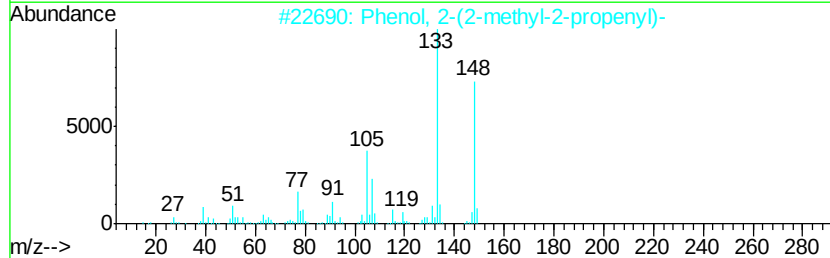
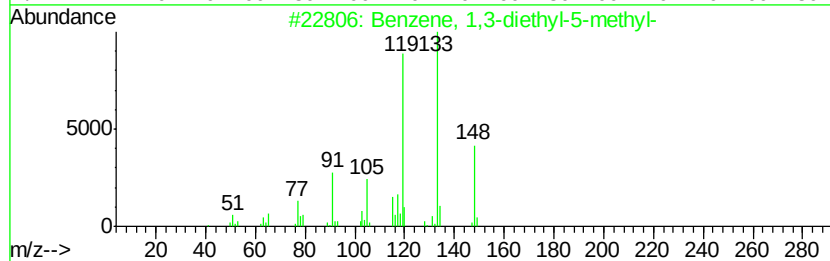
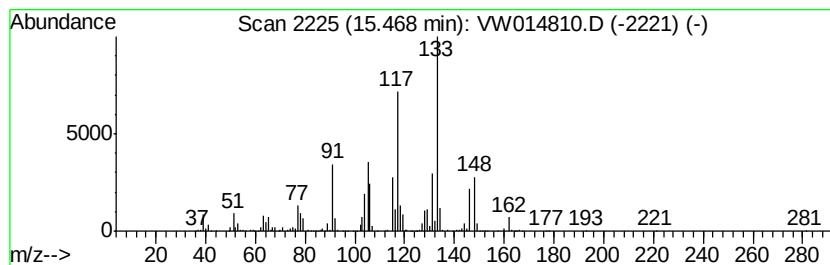
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MSVOA_W
ClientSampled :
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Quant Title : VOC Analysis

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

Peak Number 31 unknown-05 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	61.09 ug/L	630297	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,3-diethyl-5-methyl-	148 C11H16	002050-24-0 43
2		Phenol, 2-(2-methyl-2-propenyl)-	148 C10H12O	020944-88-1 43
3		Benzene, 1,3-dimethyl-5-(1-methyl-2-propenyl)-	148 C11H16	004706-90-5 43
4		Benzene, 1-(1,1-dimethylethyl)-3-methyl-	148 C11H16	001075-38-3 38
5		2-tert-Butyltoluene	148 C11H16	001074-92-6 38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014810.D
Acq On : 30 Jan 2020 13:55
Operator : SY/VA
Sample : L1271-11
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

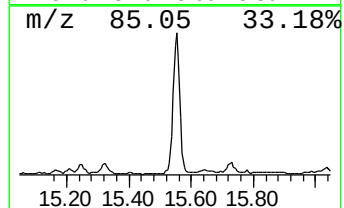
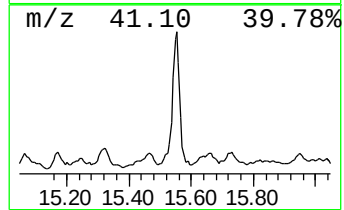
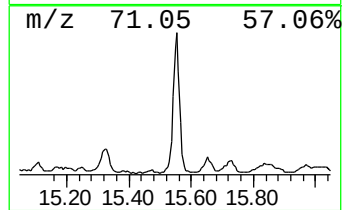
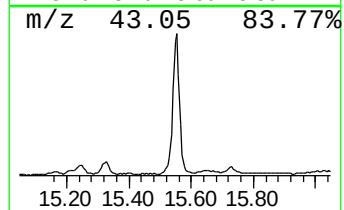
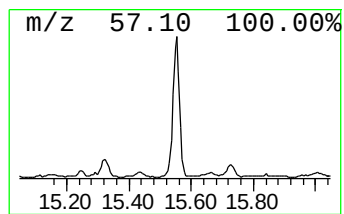
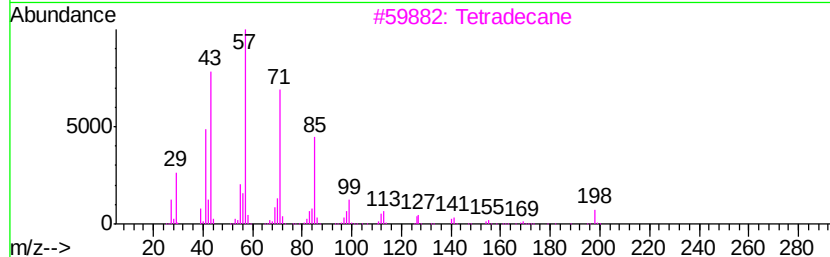
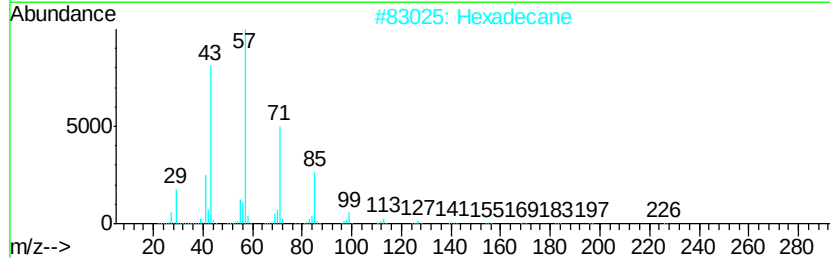
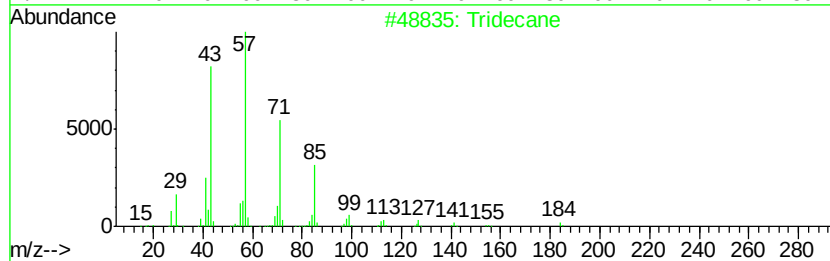
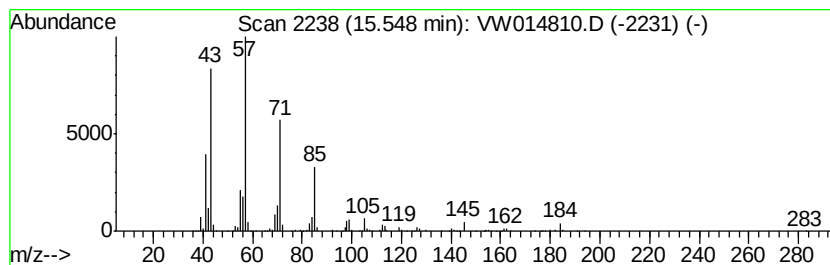
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Quant Title : VOC Analysis

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	136.32 ug/L	1406510	1,4-Dichlorobenzene-d4	13.56

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014810.D
Acq On : 30 Jan 2020 13:55
Operator : SY/VA
Sample : L1271-11
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

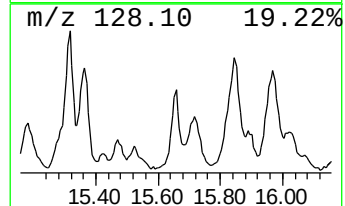
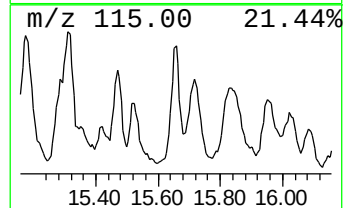
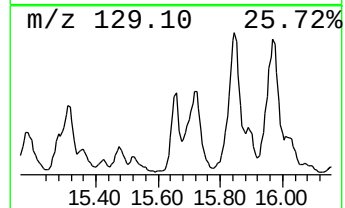
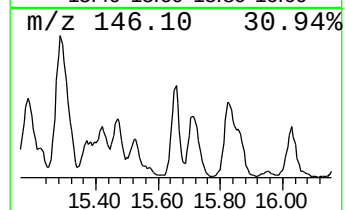
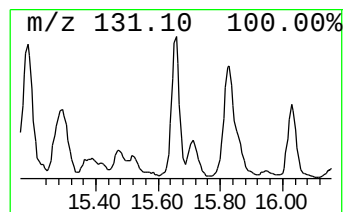
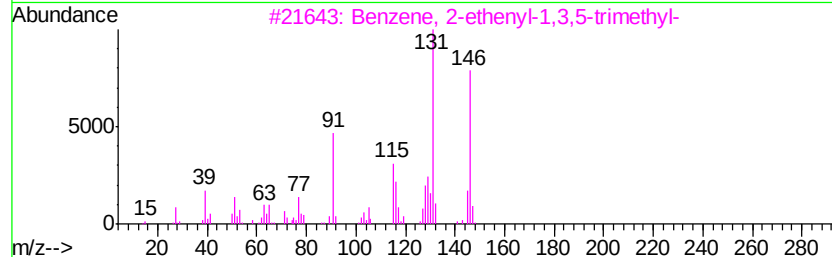
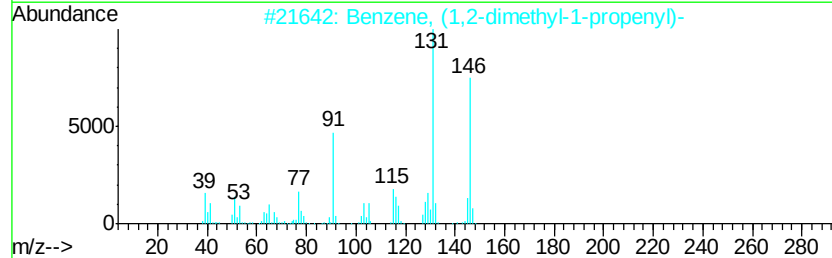
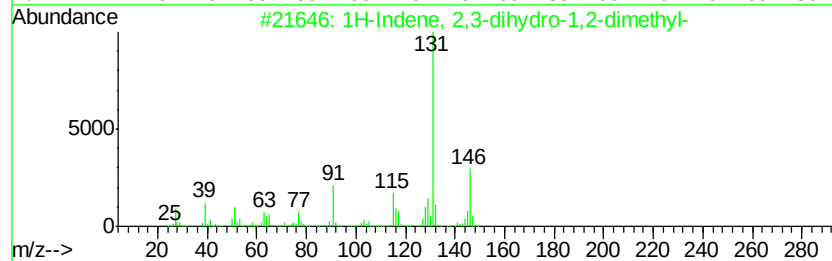
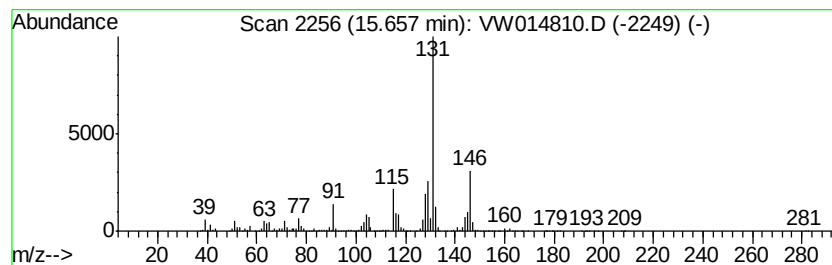
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Quant Title : VOC Analysis

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

Peak Number 33 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	94.98 ug/L	979966	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
2		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
3		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	87
4		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	83
5		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014810.D
Acq On : 30 Jan 2020 13:55
Operator : SY/VA
Sample : L1271-11
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

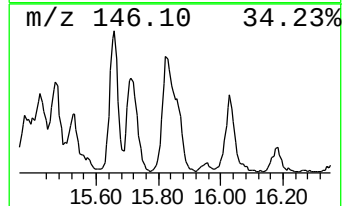
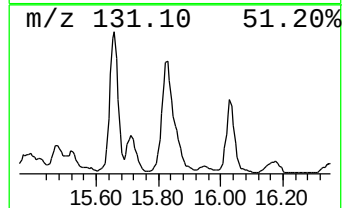
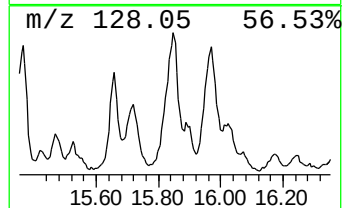
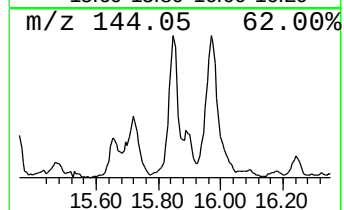
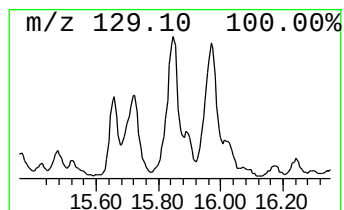
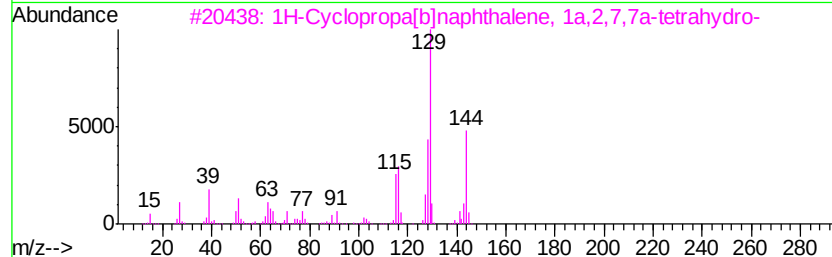
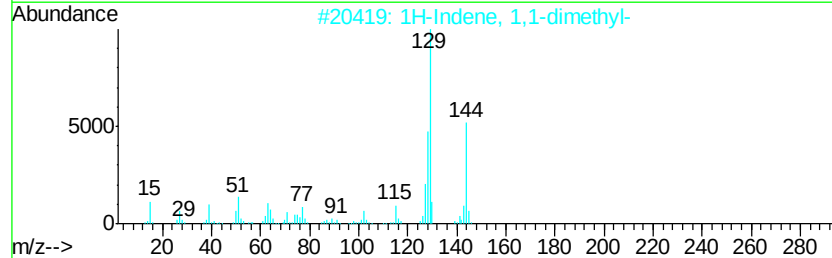
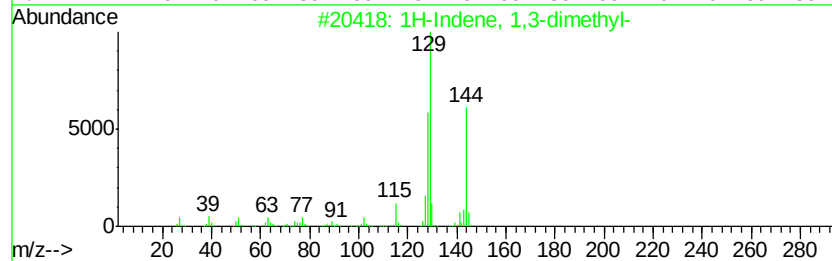
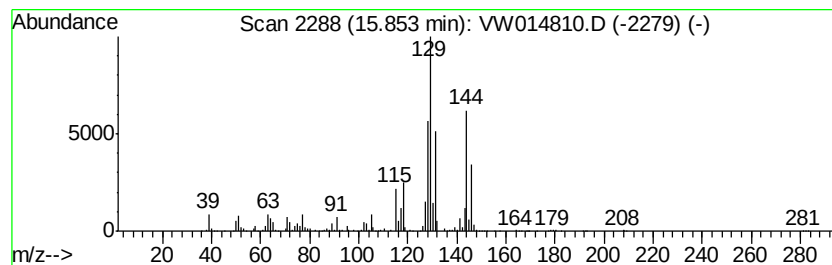
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MSVOA_W
ClientSampleId :
GAT02

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Quant Title : VOC Analysis

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

Peak Number 34 1H-Indene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	109.07 ug/L	1125380	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1H-Indene, 1,3-dimethyl-	144 C11H12	002177-48-2	92
2	1H-Indene, 1,1-dimethyl-	144 C11H12	018636-55-0	86
3	1H-Cyclopropa[b]naphthalene, 1a...	144 C11H12	006571-72-8	83
4	1H-Indene, 2,3-dimethyl-	144 C11H12	004773-82-4	76
5	Naphthalene, 1,2-dihydro-6-methyl-	144 C11H12	002717-47-7	70



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014810.D
Acq On : 30 Jan 2020 13:55
Operator : SY/VA
Sample : L1271-11
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

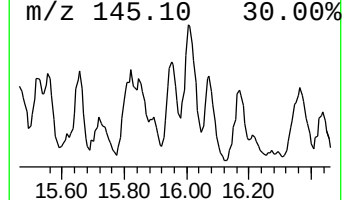
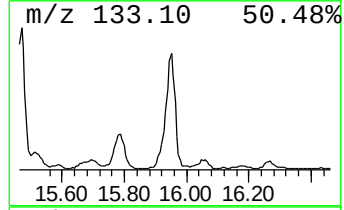
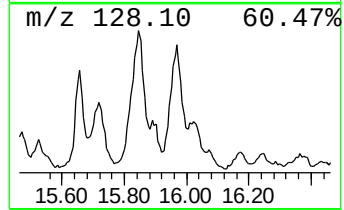
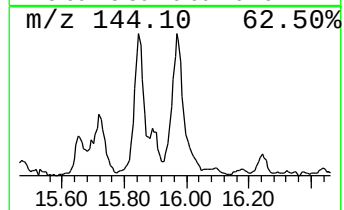
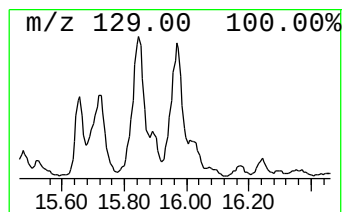
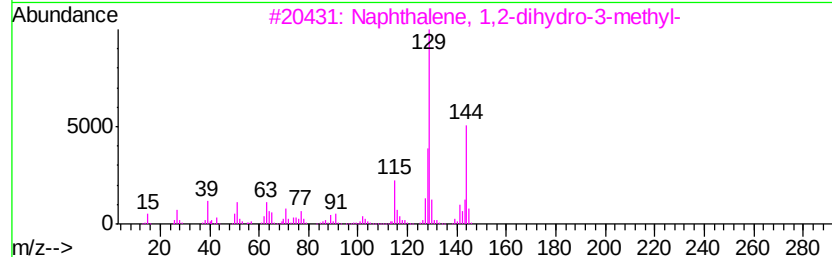
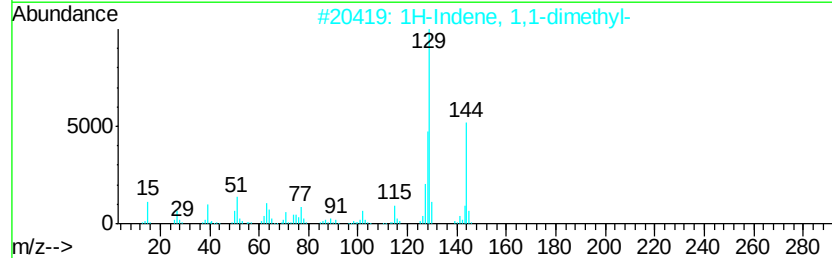
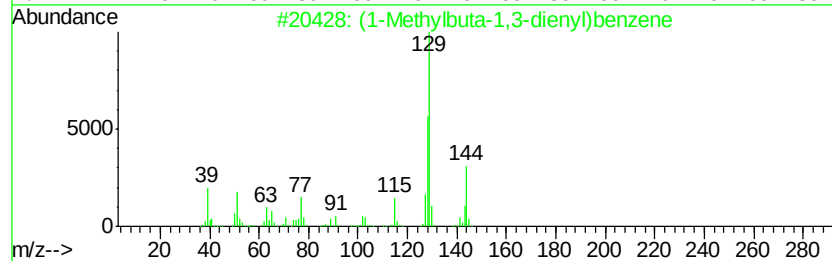
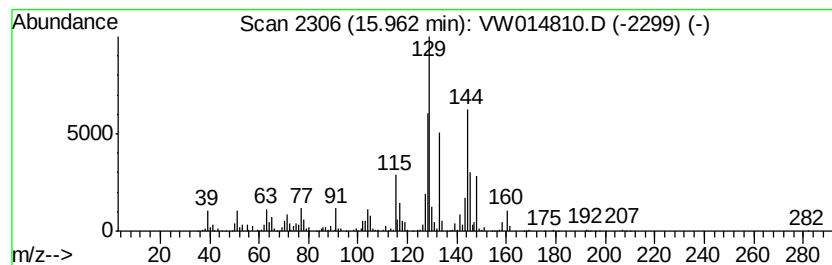
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Quant Title : VOC Analysis

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

Peak Number 35 (1-Methylbuta-1,3-dienyl)be... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	71.97 ug/L	742550	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	84
2		1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	83
3		Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	60
4		1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	46
5		1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014810.D
Acq On : 30 Jan 2020 13:55
Operator : SY/VA
Sample : L1271-11
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

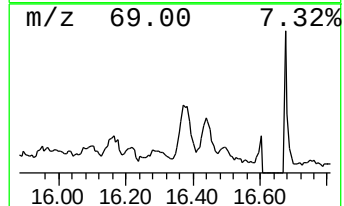
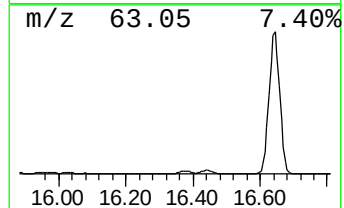
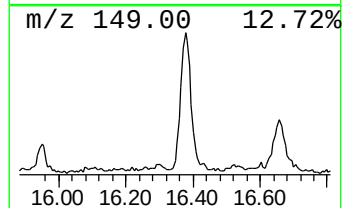
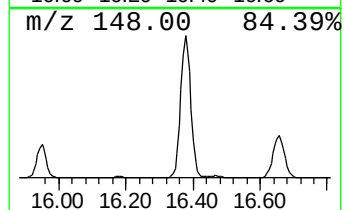
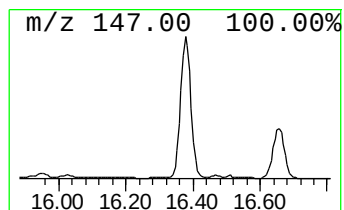
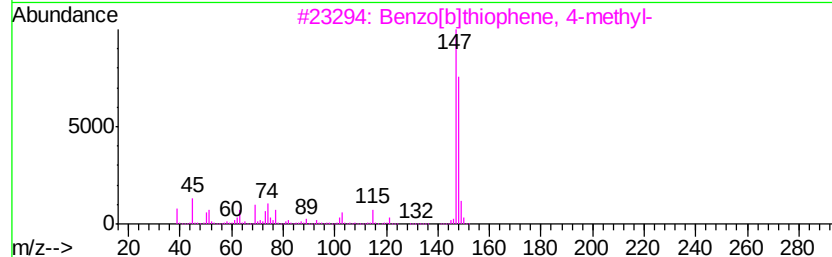
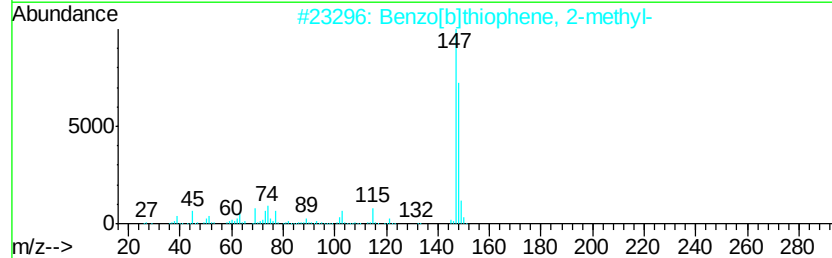
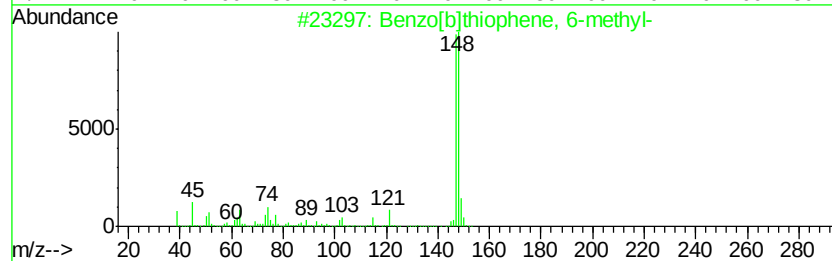
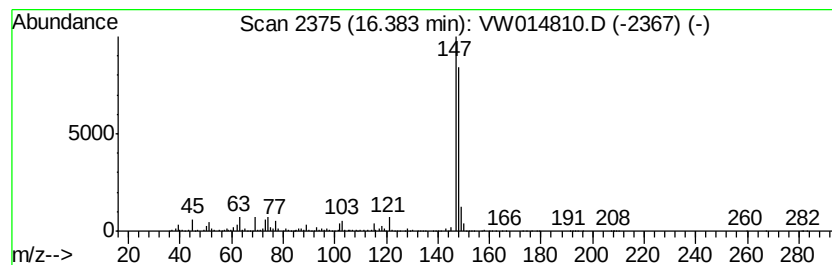
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Quant Title : VOC Analysis

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

Peak Number 36 Benzo[b]thiophene, 6-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	84.57 ug/L	872602	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	91
2		Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3		Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
4		Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
5		Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\
 Data File : VW014810.D
 Acq On : 30 Jan 2020 13:55
 Operator : SY/VA
 Sample : L1271-11
 Misc : 5.01G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT02

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
Ethyl Acetate	7.26	1.5	ug/L	21828	1	8.84	361940	25.0
1,4-Bis(trimethyl...	12.93	2.1	ug/L	21251	3	13.56	257953	25.0
Benzene, 1-etheny...	13.30	3.7	ug/L	38397	3	13.56	257953	25.0
D-Limonene	13.47	1.4	ug/L	14746	3	13.56	257953	25.0
1-Hexanol, 2-ethyl-	13.65	6.7	ug/L	69138	3	13.56	257953	25.0
Benzene, 1-ethyl-...	13.79	2.6	ug/L	26681	3	13.56	257953	25.0
Indene	13.94	2.0	ug/L	20692	3	13.56	257953	25.0
Benzene, 1-ethyl-...	14.04	11.2	ug/L	115776	3	13.56	257953	25.0
unknown-01	14.06	1.8	ug/L	18362	3	13.56	257953	25.0
(E)-1-Phenyl-1-bu...	14.14	9.7	ug/L	99662	3	13.56	257953	25.0
2,4-Dimethylstyrene	14.23	121.1	ug/L	1249810	3	13.56	257953	25.0
Benzene, 1-etheny...	14.29	17.9	ug/L	185171	3	13.56	257953	25.0
p-Cymene	14.33	13.7	ug/L	141752	3	13.56	257953	25.0
Benzene, 1,2,3,4-...	14.42	72.9	ug/L	752173	3	13.56	257953	25.0
Benzene, 4-etheny...	14.55	120.3	ug/L	1241090	3	13.56	257953	25.0
unknown-02	14.64	4.4	ug/L	45093	3	13.56	257953	25.0
Benzene, 2-etheny...	14.69	39.8	ug/L	410871	3	13.56	257953	25.0
Benzene, 1,2,4,5-...	14.79	512.2	ug/L	5284620	3	13.56	257953	25.0
unknown-03	14.86	28.7	ug/L	295976	3	13.56	257953	25.0
1H-Indene, 1-methyl-	14.95	526.1	ug/L	5428730	3	13.56	257953	25.0
1H-Indene, 2,3-di...	15.02	21.1	ug/L	218248	3	13.56	257953	25.0
Benzene, 1,3-dime...	15.07	62.3	ug/L	642615	3	13.56	257953	25.0
Benzene, (3-methy...	15.18	120.2	ug/L	1240590	3	13.56	257953	25.0
unknown-04	15.31	126.8	ug/L	1308790	3	13.56	257953	25.0
unknown-05	15.47	61.1	ug/L	630297	3	13.56	257953	25.0
(DEL) Alkane: Str...	15.55	136.3	ug/L	1406510	3	13.56	257953	25.0
1H-Indene, 2,3-di...	15.66	95.0	ug/L	979966	3	13.56	257953	25.0
1H-Indene, 1,3-di...	15.85	109.1	ug/L	1125380	3	13.56	257953	25.0
(1-Methylbuta-1,3...	15.96	72.0	ug/L	742550	3	13.56	257953	25.0
Benzo[b]thiophene...	16.38	84.6	ug/L	872602	3	13.56	257953	25.0