

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020320\
 Data File : VW014849.D
 Acq On : 03 Feb 2020 21:46
 Operator : SY/VA
 Sample : L1323-12
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT50

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\SOM2WLM020320S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.160	38	42	47	rBV2	37270	67059	0.02%	0.004%
2	2.349	67	73	87	rVB	206887	362438	0.11%	0.024%
3	2.885	154	161	175	rVB	179826	406875	0.12%	0.027%
4	3.391	241	244	249	rVV6	1092	1959	0.00%	0.000%
5	3.519	261	265	266	rVV3	1628	1515	0.00%	0.000%
6	3.538	266	268	270	rVV3	2103	1764	0.00%	0.000%
7	3.678	290	291	296	rBV3	1100	1577	0.00%	0.000%
8	4.013	334	346	358	rBV	373942	1096748	0.33%	0.073%
9	4.123	358	364	375	rVV2	12873	39816	0.01%	0.003%
10	4.379	404	406	408	rBV3	1608	1592	0.00%	0.000%
11	4.483	421	423	426	rBV3	1221	1661	0.00%	0.000%
12	4.909	481	493	506	rBV2	51282	169980	0.05%	0.011%
13	5.141	526	531	533	rBV3	2479	3389	0.00%	0.000%
14	5.159	533	534	539	rVV5	1478	2253	0.00%	0.000%
15	5.415	570	576	577	rBV4	897	1601	0.00%	0.000%
16	5.611	603	608	613	rBV8	1206	2575	0.00%	0.000%
17	5.775	632	635	636	rBV3	1406	1627	0.00%	0.000%
18	5.793	636	638	641	rVB3	1796	1760	0.00%	0.000%
19	5.879	647	652	653	rBV4	1113	1690	0.00%	0.000%
20	5.934	653	661	671	rVB5	7780	22529	0.01%	0.001%
21	6.050	678	680	685	rBV3	1073	1847	0.00%	0.000%
22	7.074	837	848	853	rBV	99637	274306	0.08%	0.018%
23	7.129	854	857	876	rVV2	73488	199489	0.06%	0.013%
24	7.531	921	923	925	rBV3	1482	1548	0.00%	0.000%
25	7.647	931	942	953	rBV	557919	1390054	0.42%	0.092%
26	8.269	1034	1044	1061	rBV2	1179194	3484712	1.06%	0.231%
27	8.616	1098	1101	1103	rBV4	1920	2467	0.00%	0.000%
28	8.701	1111	1115	1117	rBV4	3229	3536	0.00%	0.000%
29	8.842	1128	1138	1146	rBV	1153937	2329547	0.71%	0.155%
30	9.049	1169	1172	1173	rBV3	4035	4767	0.00%	0.000%
31	9.268	1201	1208	1218	rBV	808992	1668901	0.51%	0.111%
32	9.963	1320	1322	1323	rBV2	4635	2930	0.00%	0.000%
33	10.031	1327	1333	1341	rVV	396268	746054	0.23%	0.050%
34	10.323	1373	1381	1387	rBV	1649083	2961672	0.90%	0.197%

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 Title : VOC Analysis

35	10.384	1387	1391	1398	rVB	362600	635680	0.19%	0.042%
36	10.573	1416	1422	1433	rVB	251652	443486	0.13%	0.029%
37	10.701	1439	1443	1448	rVB	40660	70415	0.02%	0.005%
38	10.921	1473	1479	1488	rBV	431983	778357	0.24%	0.052%
39	11.061	1498	1502	1508	rBV	74503	123670	0.04%	0.008%
40	11.347	1520	1549	1576	rBV	1563736	14343782	4.35%	0.952%
41	11.628	1589	1595	1607	rVB	1667825	3284025	1.00%	0.218%
42	11.725	1607	1611	1619	rVB	828219	1446689	0.44%	0.096%
43	11.835	1622	1629	1639	rVB	6596152	12014244	3.65%	0.798%
44	12.176	1676	1685	1694	rBV3	16773131	31952136	9.70%	2.122%
45	12.402	1707	1722	1753	rVB	1913212	12083612	3.67%	0.802%
46	12.689	1764	1769	1773	rBV	455522	710558	0.22%	0.047%
47	12.737	1773	1777	1780	rVV	624920	1001620	0.30%	0.067%
48	12.865	1780	1798	1807	rVV3	13590058	66916163	20.31%	4.443%
49	12.939	1807	1810	1823	rVB	8646891	16995066	5.16%	1.128%
50	13.115	1832	1839	1846	rVB2	4340699	8078279	2.45%	0.536%
51	13.249	1850	1861	1865	rBV	21540537	41097827	12.47%	2.729%
52	13.298	1865	1869	1874	rVV	42759400	80293960	24.36%	5.331%
53	13.347	1874	1877	1884	rVV	16967218	29640885	8.99%	1.968%
54	13.445	1884	1893	1907	rVB	6242543	24517004	7.44%	1.628%
55	13.585	1907	1916	1920	rBV	7697388	14147907	4.29%	0.939%
56	13.621	1920	1922	1928	rVB	4294501	5977227	1.81%	0.397%
57	13.719	1928	1938	1940	rBV2	1952081	4594556	1.39%	0.305%
58	13.755	1940	1944	1948	rVV2	3382365	4466657	1.36%	0.297%
59	13.853	1954	1960	1967	rBV5	2233982	5847781	1.77%	0.388%
60	13.938	1967	1974	1983	rVV2	72837178	144060778	43.71%	9.565%
61	14.005	1983	1985	1987	rVV	710315	894451	0.27%	0.059%
62	14.060	1987	1994	1997	rVV2	2648305	5712608	1.73%	0.379%
63	14.091	1997	1999	2003	rVB	1728984	2189599	0.66%	0.145%
64	14.140	2003	2007	2014	rVB	3454730	6613579	2.01%	0.439%
65	14.231	2014	2022	2027	rBV	13123393	21174357	6.43%	1.406%
66	14.286	2027	2031	2036	rVV2	3981248	6365603	1.93%	0.423%
67	14.335	2037	2039	2044	rVB	805658	991698	0.30%	0.066%
68	14.414	2044	2052	2055	rBV	2477791	4318284	1.31%	0.287%
69	14.463	2055	2060	2064	rVV3	7274802	14281338	4.33%	0.948%
70	14.505	2064	2067	2070	rVV3	3946138	7834146	2.38%	0.520%
71	14.554	2071	2075	2080	rVV	10507963	17629882	5.35%	1.171%

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72	14.597	2080	2082	2087	rVB	1418219	1814533	0.55%	0.120%
73	14.639	2087	2089	2092	rBV	112681	139131	0.04%	0.009%
74	14.688	2092	2097	2101	rBV	1992764	3166621	0.96%	0.210%
75	14.731	2101	2104	2108	rVV3	540451	885589	0.27%	0.059%
76	14.792	2109	2114	2121	rVB3	5165629	10435516	3.17%	0.693%
77	14.871	2121	2127	2134	rBV	39641578	65020375	19.73%	4.317%
78	14.956	2134	2141	2149	rVB	43088422	74904876	22.73%	4.974%
79	15.054	2149	2157	2163	rBV2	5246419	10764000	3.27%	0.715%
80	15.115	2164	2167	2173	rVB3	1055697	1960764	0.59%	0.130%
81	15.182	2173	2178	2184	rBV4	468847	1386894	0.42%	0.092%
82	15.316	2191	2200	2202	rBV2	1547003	3292698	1.00%	0.219%
83	15.377	2202	2210	2219	rVV3	120457457	329553733	100.00%	21.882%
84	15.469	2219	2225	2236	rVB	3794724	7436113	2.26%	0.494%
85	15.554	2236	2239	2243	rVB	321995	413554	0.13%	0.027%
86	15.651	2243	2255	2259	rBV6	1045463	3197914	0.97%	0.212%
87	15.706	2259	2264	2274	rVV3	1200473	3891060	1.18%	0.258%
88	15.798	2274	2279	2282	rVV	1283001	2510861	0.76%	0.167%
89	15.847	2282	2287	2291	rVV	3817970	7585700	2.30%	0.504%
90	15.895	2291	2295	2300	rVV	1845539	3842584	1.17%	0.255%
91	15.968	2300	2307	2321	rVV	3721606	10841008	3.29%	0.720%
92	16.090	2321	2327	2334	rVV2	1156247	2410379	0.73%	0.160%
93	16.170	2335	2340	2342	rVV2	452454	801262	0.24%	0.053%
94	16.200	2343	2345	2348	rVV	604642	1025915	0.31%	0.068%
95	16.243	2348	2352	2365	rVB	2108871	4911415	1.49%	0.326%
96	16.377	2366	2374	2377	rBV	1111147	2465606	0.75%	0.164%
97	16.450	2377	2386	2398	rVB3	84415680	213314924	64.73%	14.164%
98	16.566	2398	2405	2410	rBV	612706	1419419	0.43%	0.094%
99	16.651	2410	2419	2428	rVB2	45380007	107649952	32.67%	7.148%
100	16.737	2429	2433	2441	rVB3	97499	242218	0.07%	0.016%

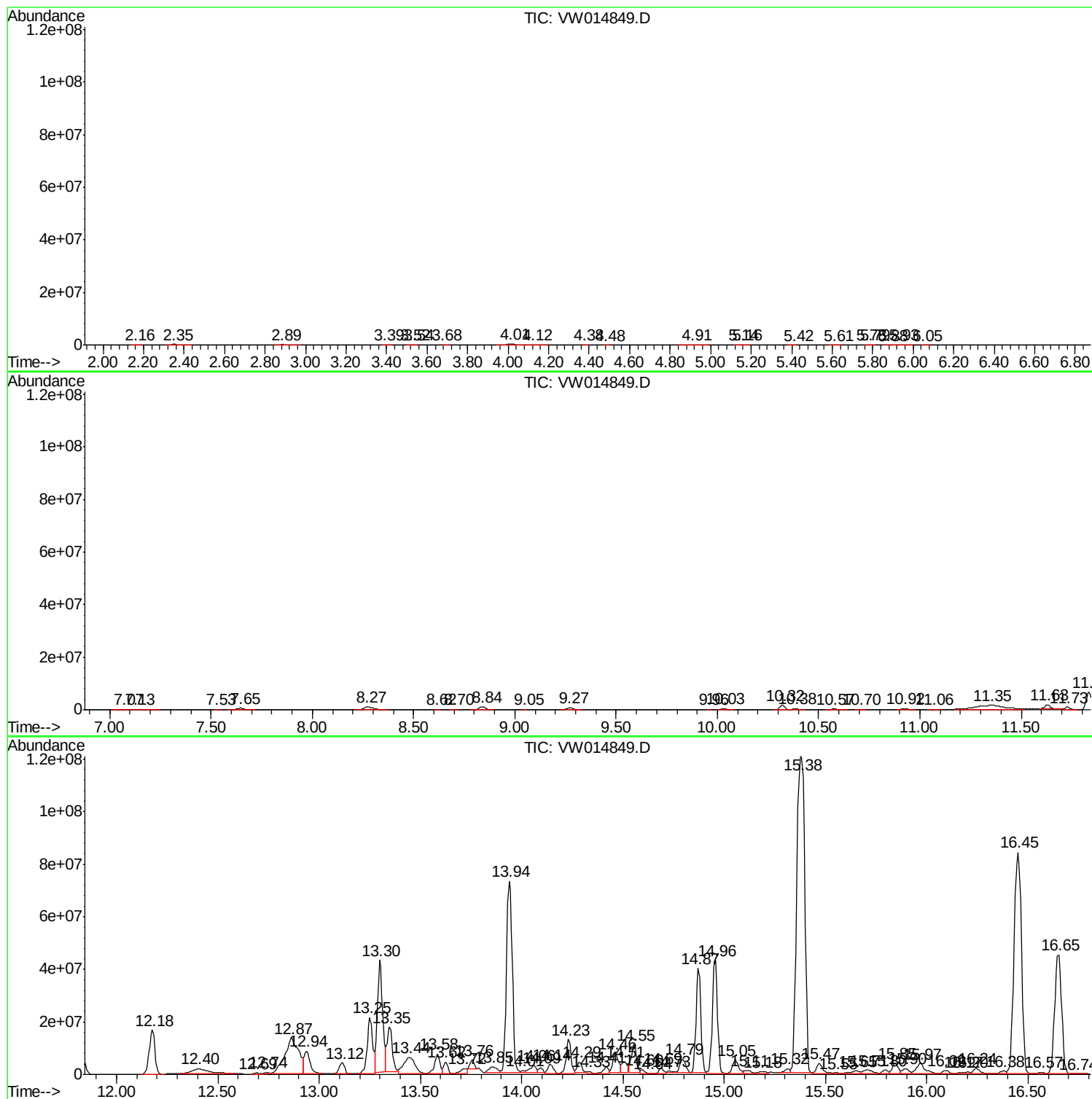
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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



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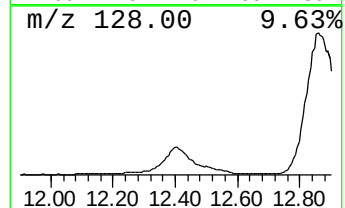
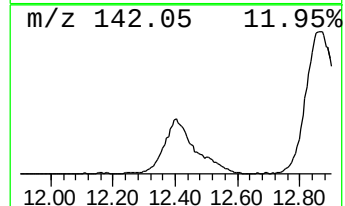
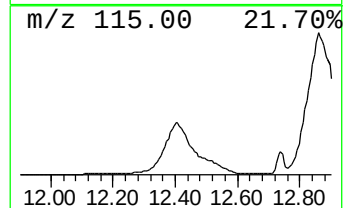
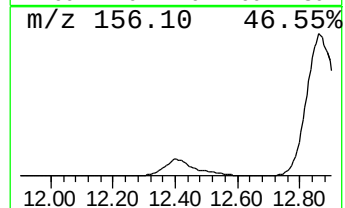
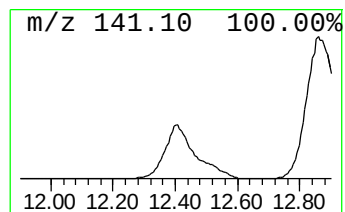
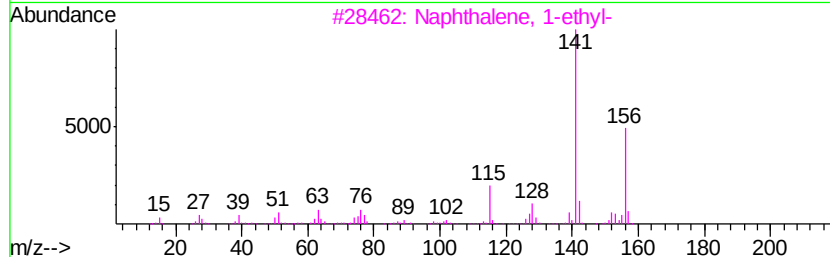
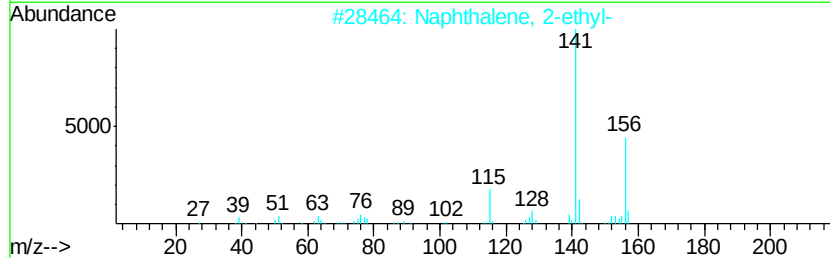
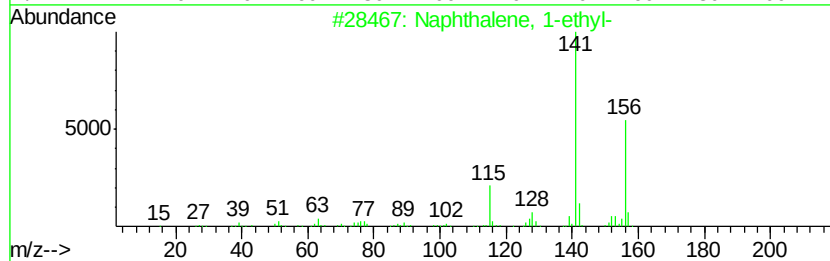
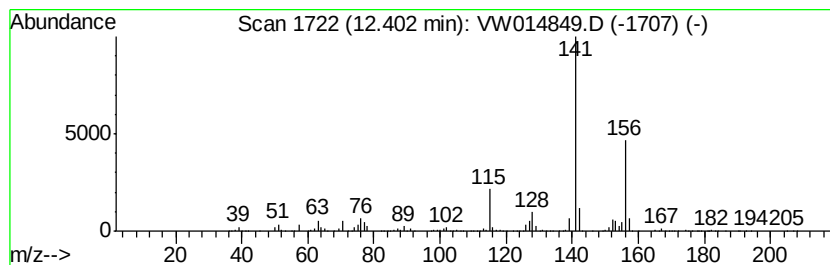
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 4 Naphthalene, 1-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	91.99 ug/L	12083600	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	97
3		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
4		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
5		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94



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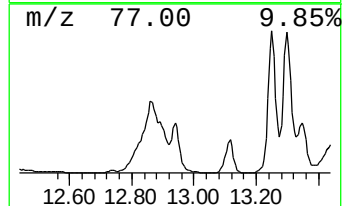
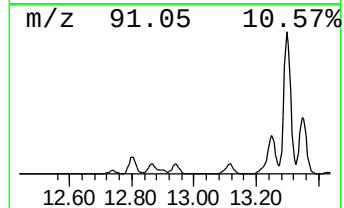
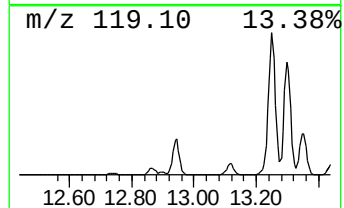
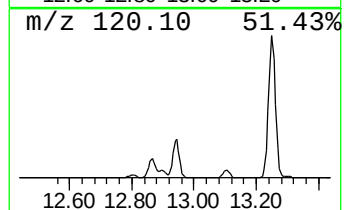
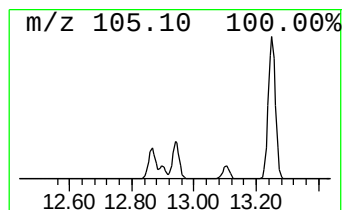
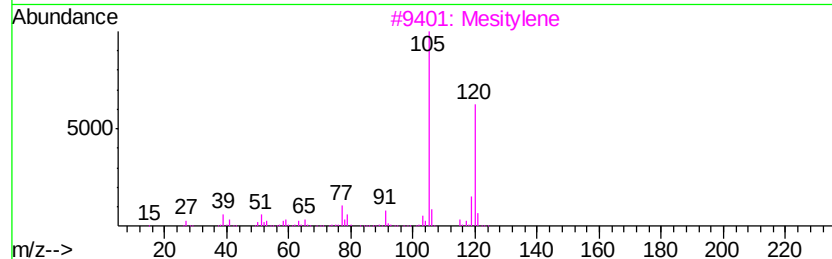
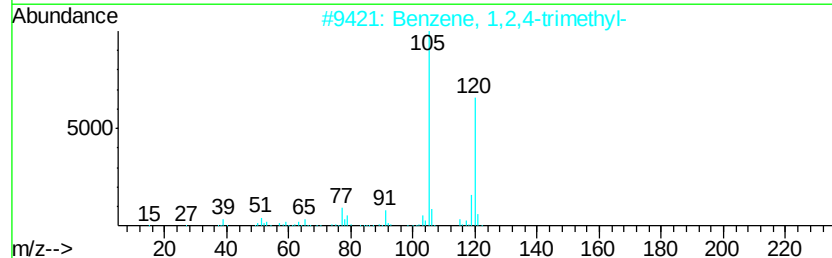
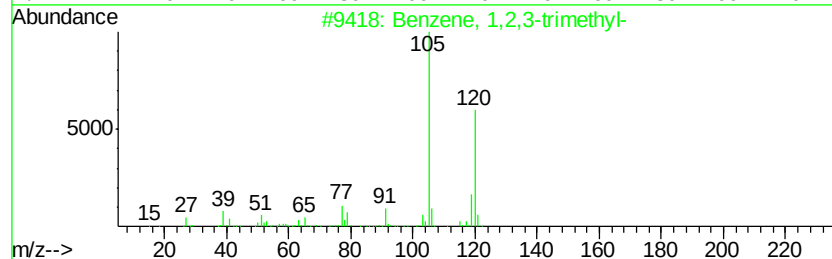
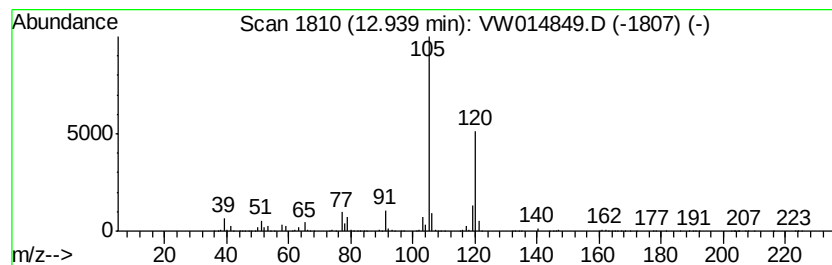
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Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	30.03 ug/L	16995100	1,4-Dichlorobenzene-d4	13.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3		Mesitylene	120	C9H12	000108-67-8	95
4		Mesitylene	120	C9H12	000108-67-8	95
5		Mesitylene	120	C9H12	000108-67-8	93



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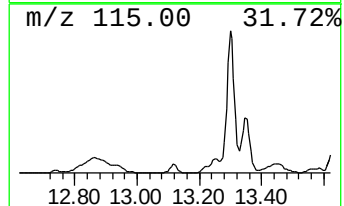
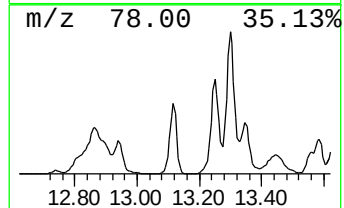
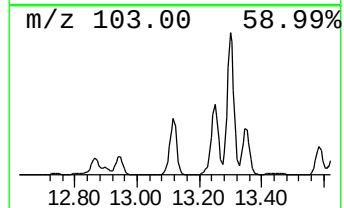
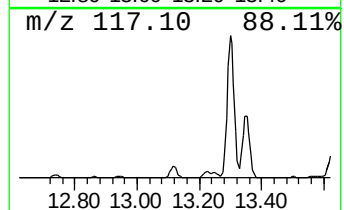
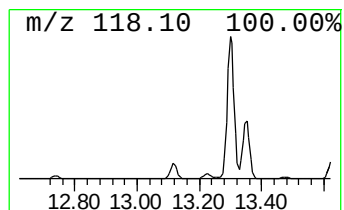
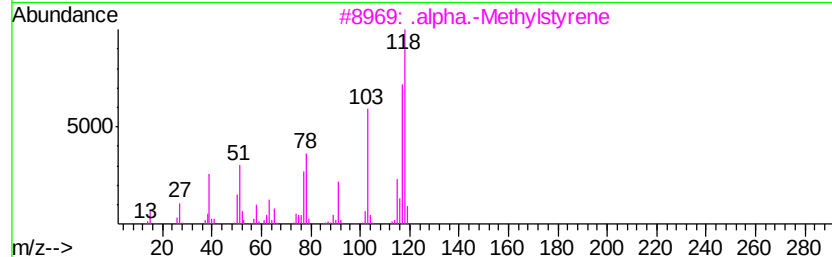
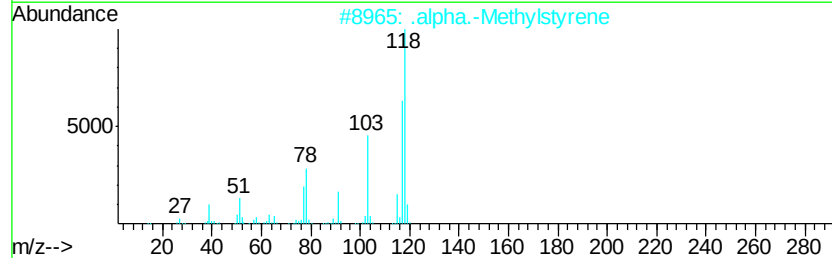
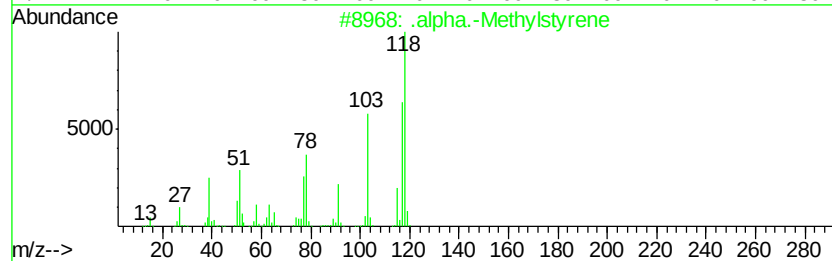
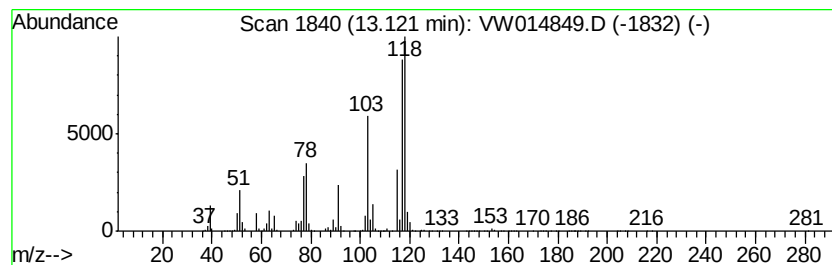
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Quant Title : VOC Analysis

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

Peak Number 7 .alpha.-Methylstyrene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.12	14.27 ug/L	8078280	1,4-Dichlorobenzene-d4	13.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methylstyrene	118	C9H10	000098-83-9	95
2	.alpha.-Methylstyrene	118	C9H10	000098-83-9	94
3	.alpha.-Methylstyrene	118	C9H10	000098-83-9	89
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	64
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014849.D
Acq On : 03 Feb 2020 21:46
Operator : SY/VA
Sample : L1323-12
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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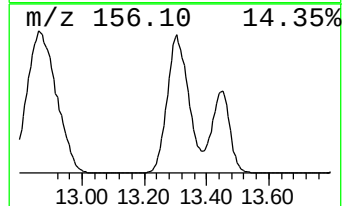
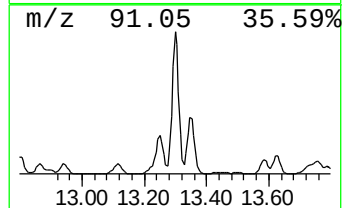
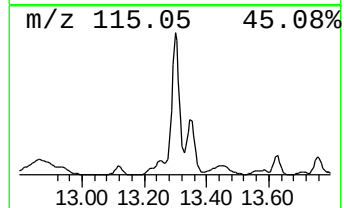
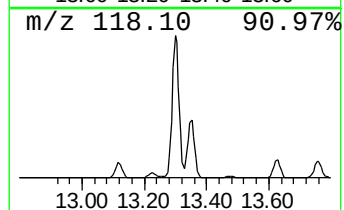
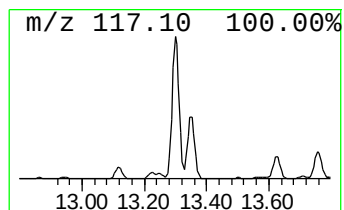
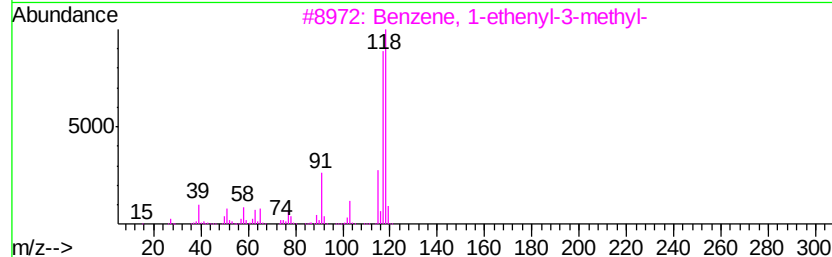
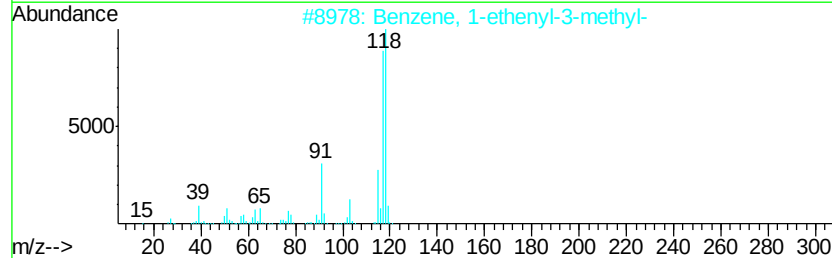
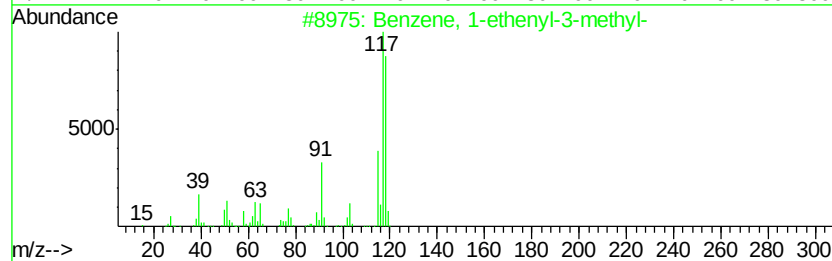
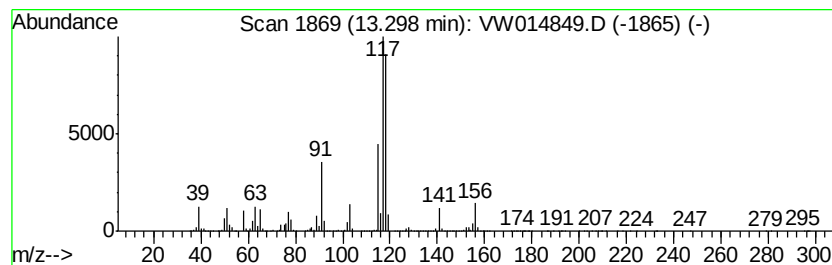
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Quant Title : VOC Analysis

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

Peak Number 9 Benzene, 1-ethenyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	141.88 ug/L	80294000	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	97
2		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
3		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
4		Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
5		(Z)-1-Phenylpropene	118	C9H10	000766-90-5	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014849.D
Acq On : 03 Feb 2020 21:46
Operator : SY/VA
Sample : L1323-12
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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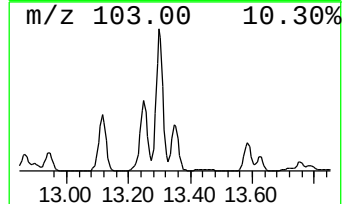
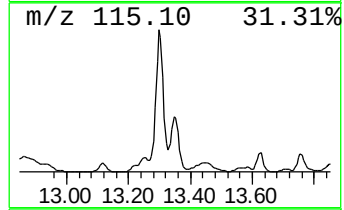
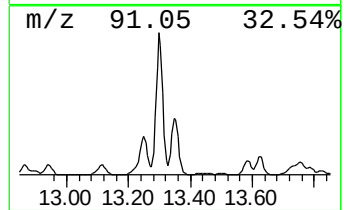
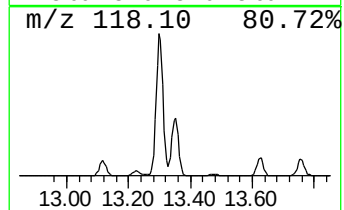
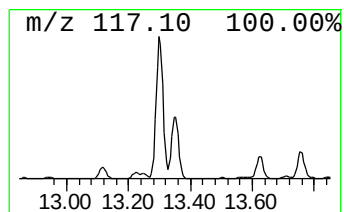
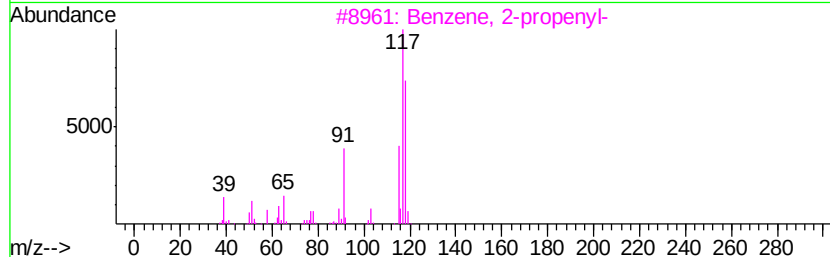
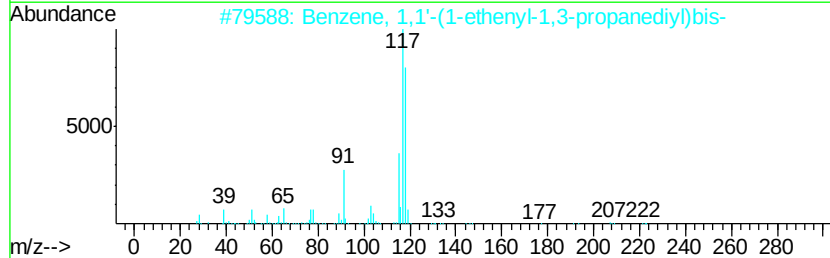
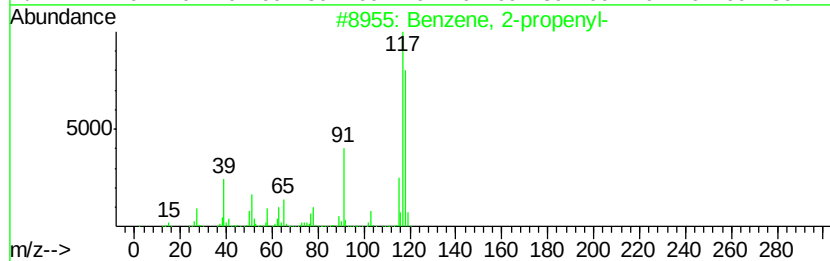
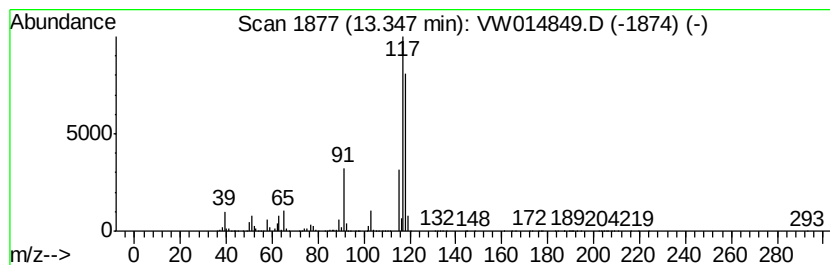
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Quant Title : VOC Analysis

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

Peak Number 10 Benzene, 2-propenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	52.38 ug/L	29640900	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	90
2		Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	90
3		Benzene, 2-propenyl-	118	C9H10	000300-57-2	87
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	87
5		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014849.D
Acq On : 03 Feb 2020 21:46
Operator : SY/VA
Sample : L1323-12
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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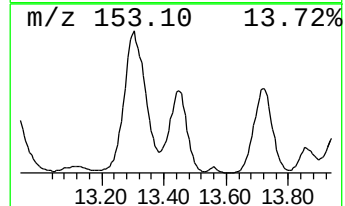
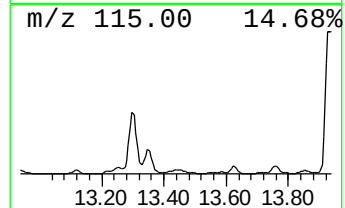
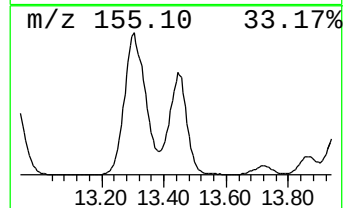
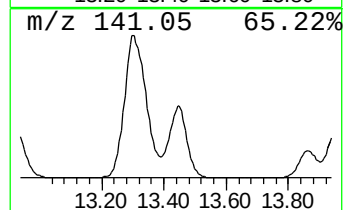
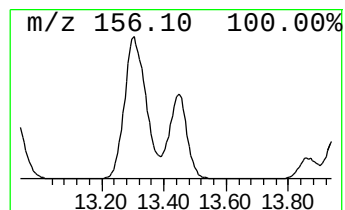
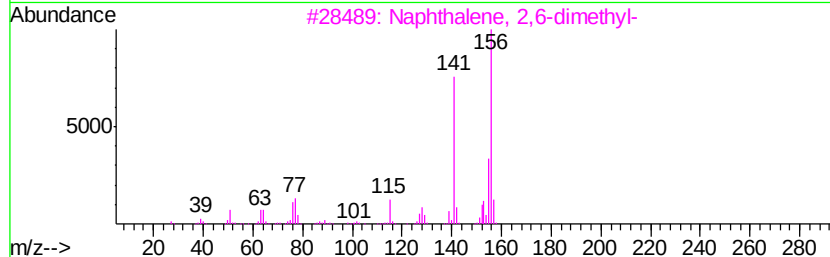
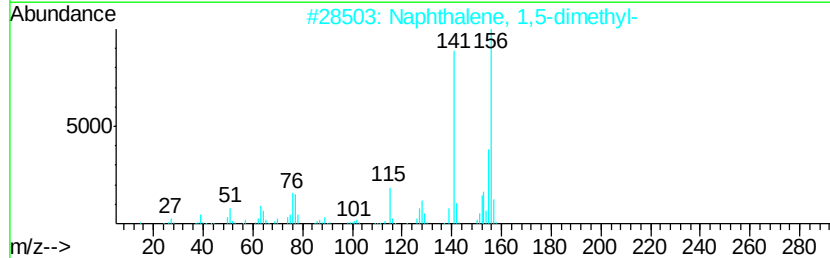
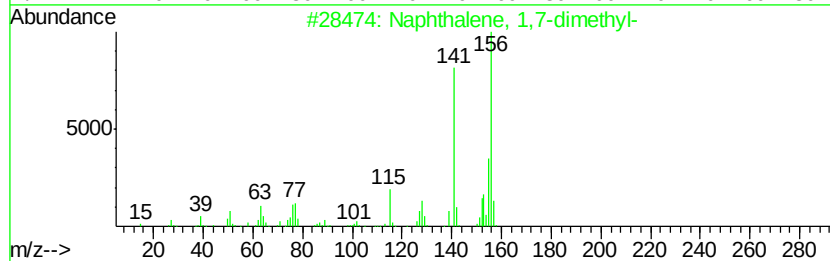
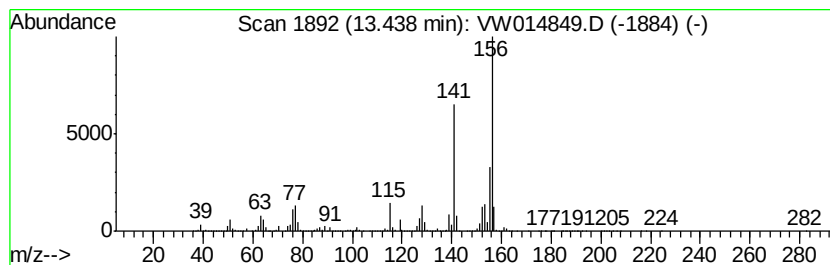
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Quant Title : VOC Analysis

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

Peak Number 11 Naphthalene, 1,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	43.32 ug/L	24517000	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014849.D
Acq On : 03 Feb 2020 21:46
Operator : SY/VA
Sample : L1323-12
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

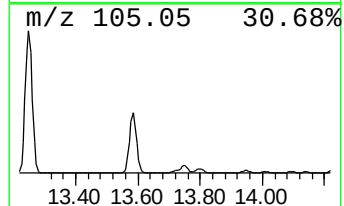
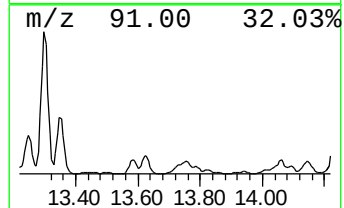
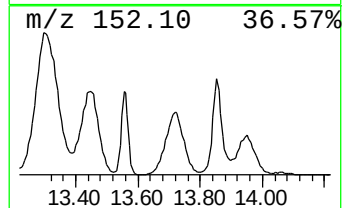
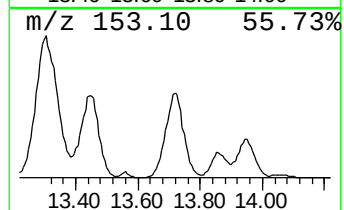
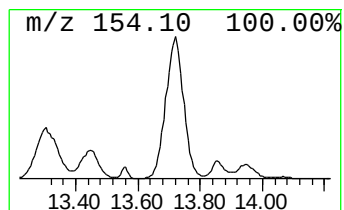
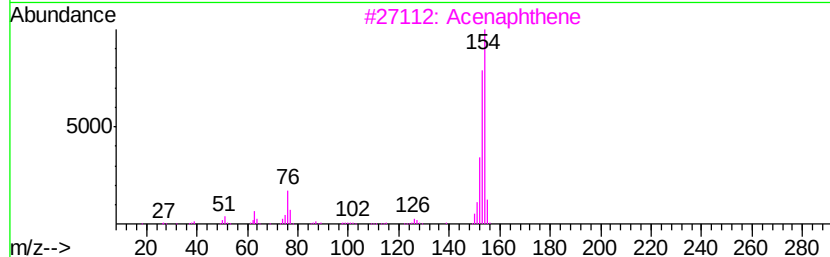
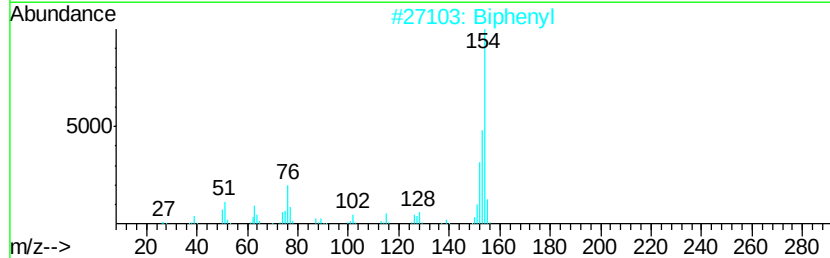
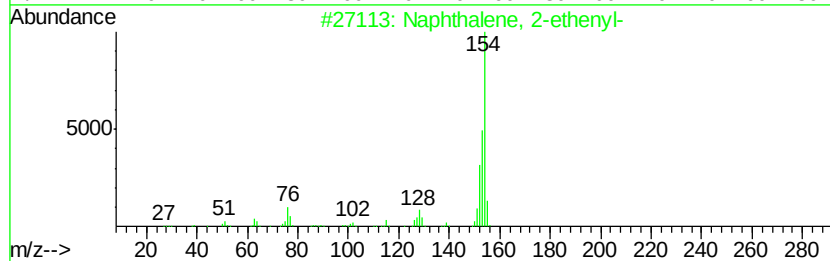
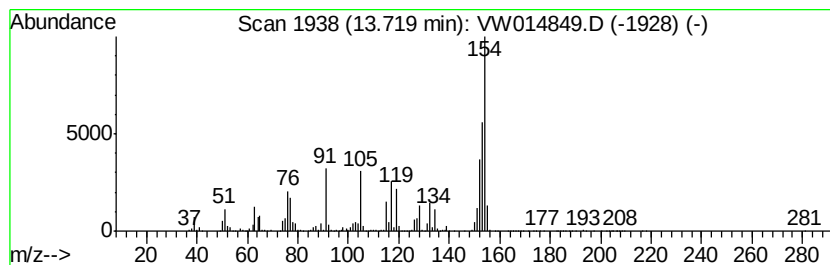
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Quant Title : VOC Analysis

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

Peak Number 13 Naphthalene, 2-ethenyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	8.12 ug/L	4594560	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-ethenyl-	154 C12H10	000827-54-3 92
2		Biphenyl	154 C12H10	000092-52-4 90
3		Acenaphthene	154 C12H10	000083-32-9 64
4		Biphenyl	154 C12H10	000092-52-4 60
5		Naphthalene, 2-ethenyl-	154 C12H10	000827-54-3 60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014849.D
Acq On : 03 Feb 2020 21:46
Operator : SY/VA
Sample : L1323-12
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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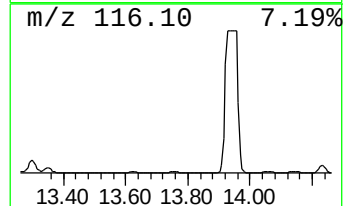
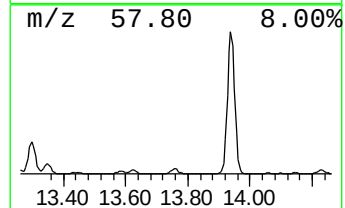
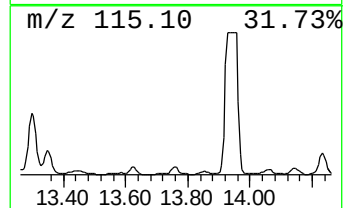
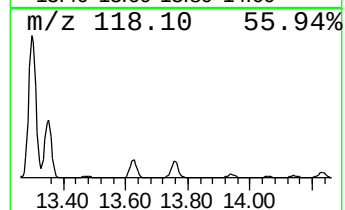
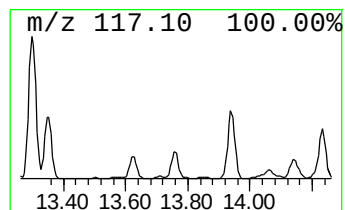
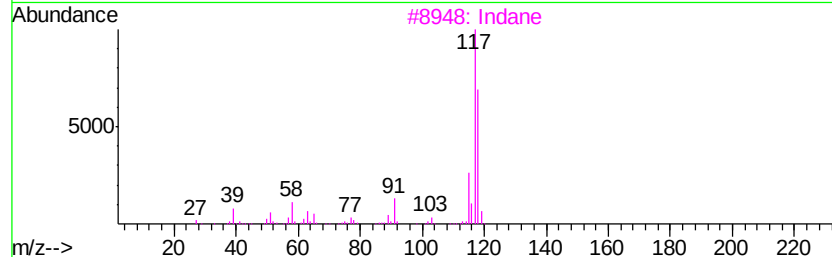
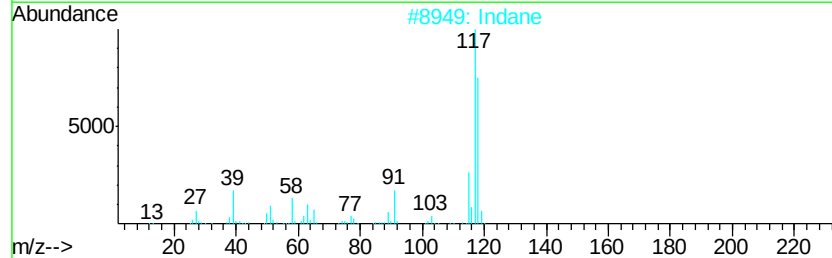
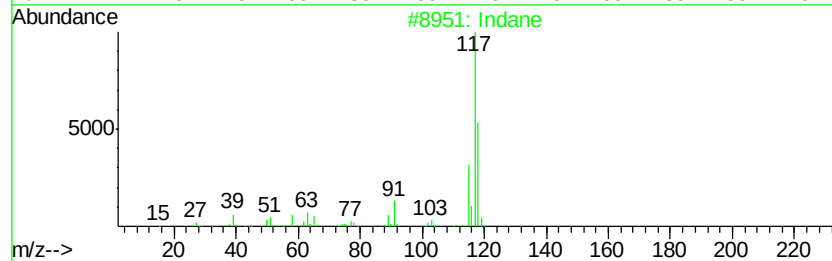
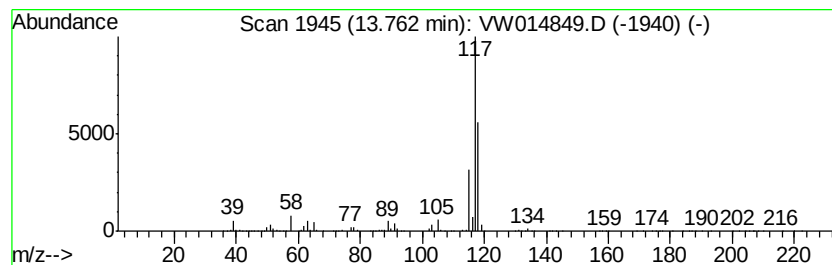
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Quant Title : VOC Analysis

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

Peak Number 14 Indane Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	7.89 ug/L	4466660	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	76
2		Indane	118	C9H10	000496-11-7	68
3		Indane	118	C9H10	000496-11-7	68
4		Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
5		Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014849.D
Acq On : 03 Feb 2020 21:46
Operator : SY/VA
Sample : L1323-12
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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ClientSampleId :
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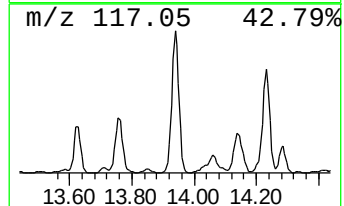
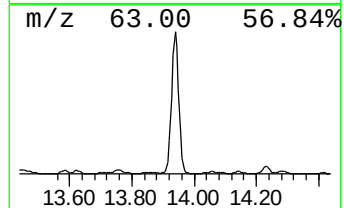
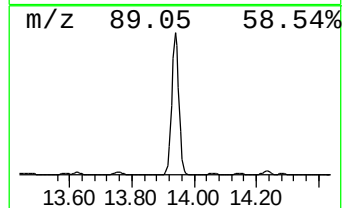
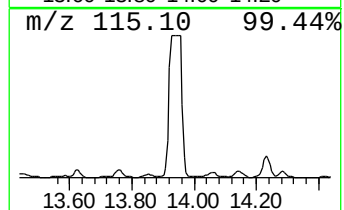
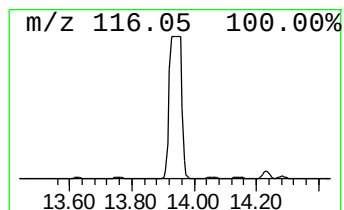
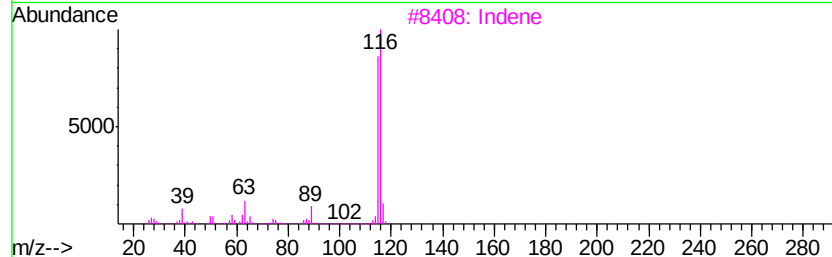
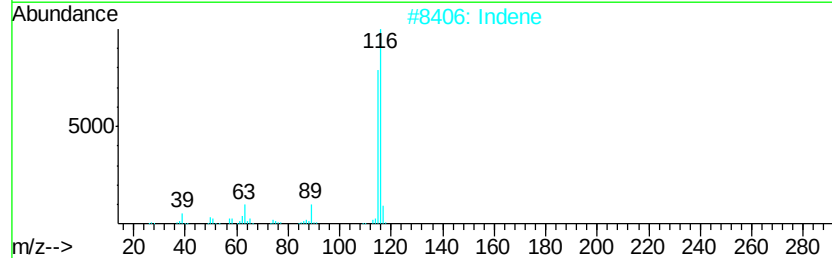
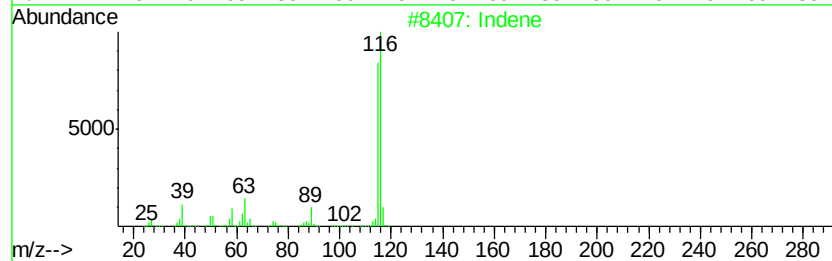
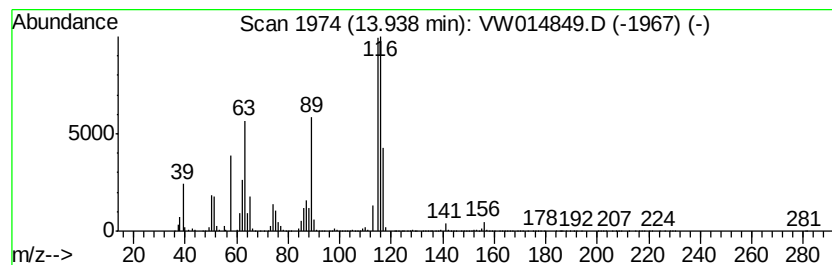
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Quant Title : VOC Analysis

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

Peak Number 15 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	254.56 ug/L	144061000	1,4-Dichlorobenzene-d4	13.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	95
2	Indene		116	C9H8	000095-13-6	95
3	Indene		116	C9H8	000095-13-6	95
4	1-Propyne, 3-phenyl-		116	C9H8	010147-11-2	87
5	3-Methylphenylacetylene		116	C9H8	000766-82-5	74



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014849.D
Acq On : 03 Feb 2020 21:46
Operator : SY/VA
Sample : L1323-12
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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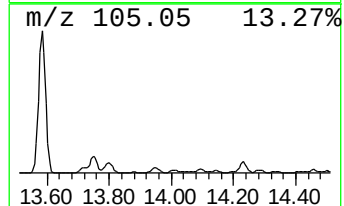
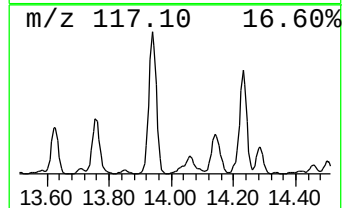
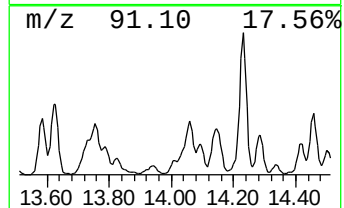
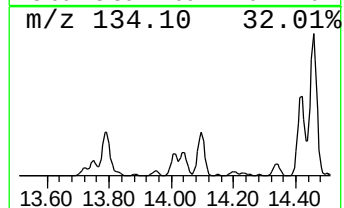
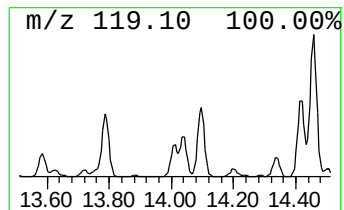
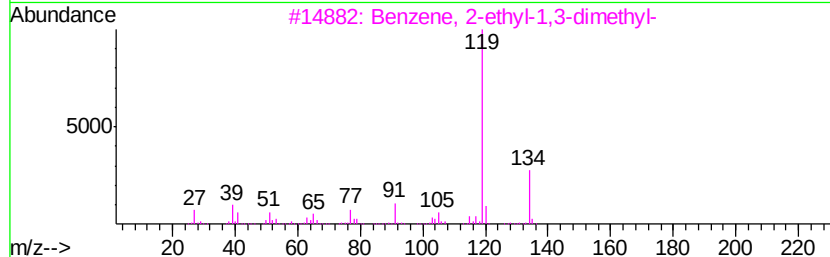
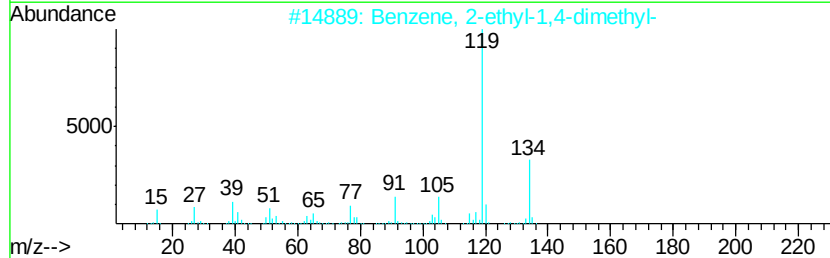
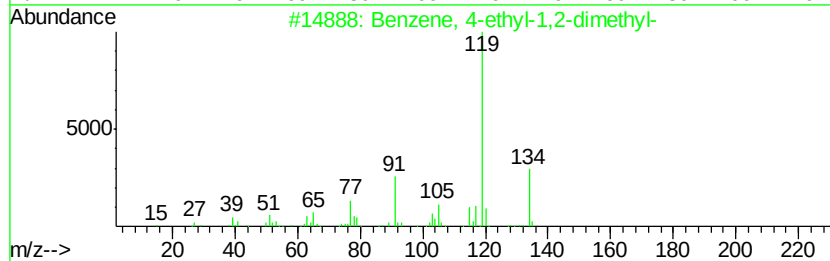
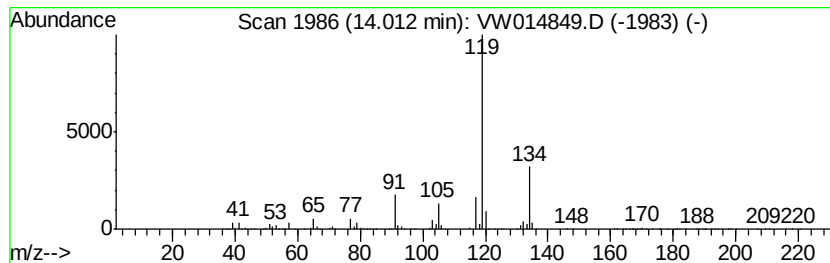
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Quant Title : VOC Analysis

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

Peak Number 16 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	1.58 ug/L	894451	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014849.D
Acq On : 03 Feb 2020 21:46
Operator : SY/VA
Sample : L1323-12
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT50

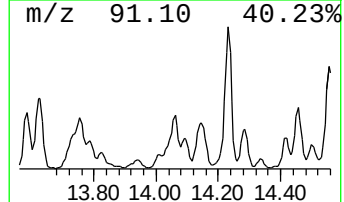
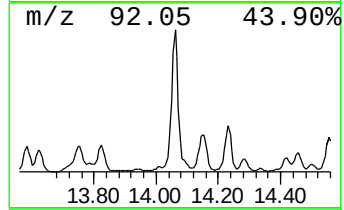
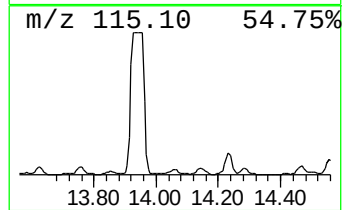
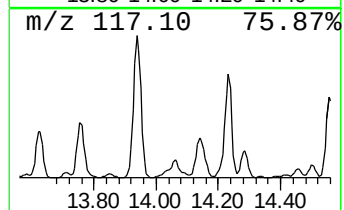
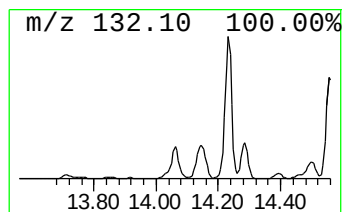
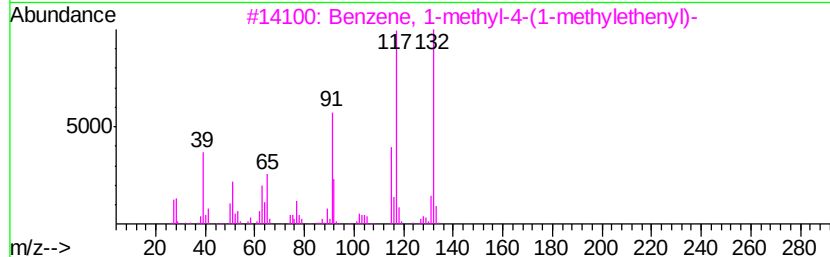
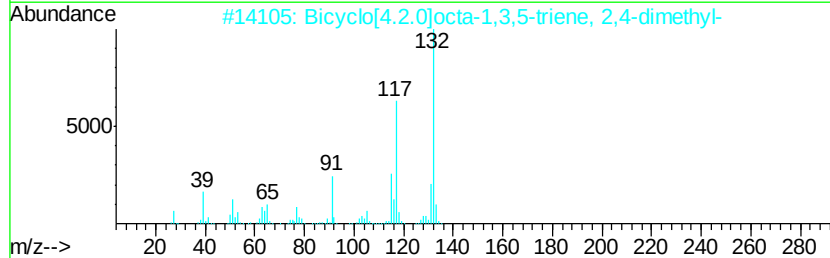
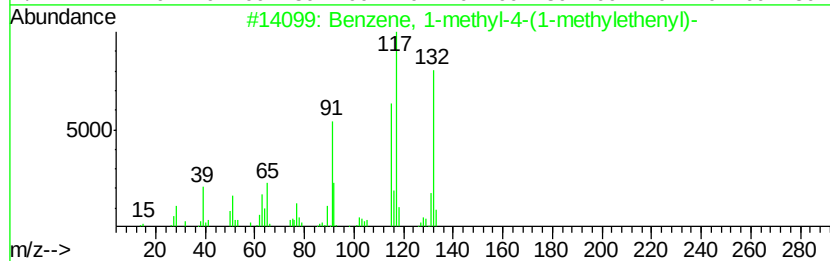
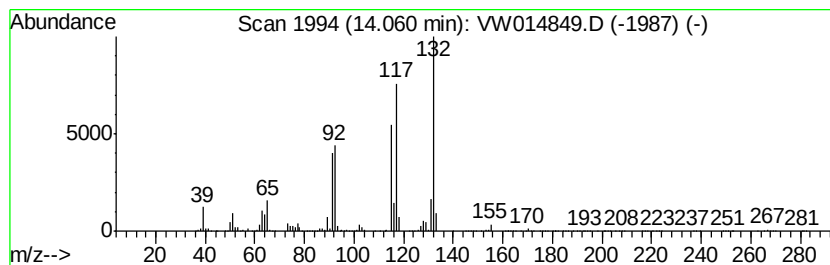
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Quant Title : VOC Analysis

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

Peak Number 17 Benzene, 1-methyl-4-(1-meth... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	10.09 ug/L	5712610	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	80
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	76
3		Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	76
4		Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	76
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014849.D
Acq On : 03 Feb 2020 21:46
Operator : SY/VA
Sample : L1323-12
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT50

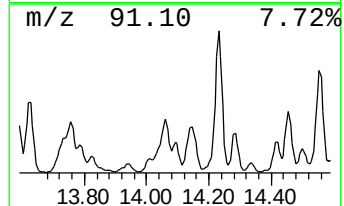
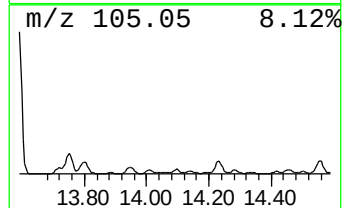
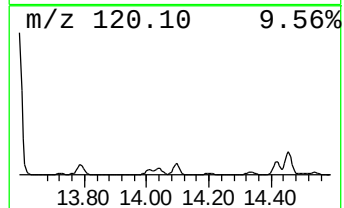
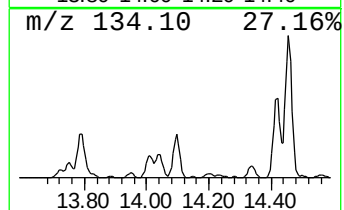
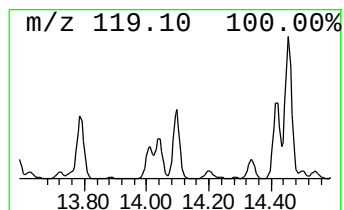
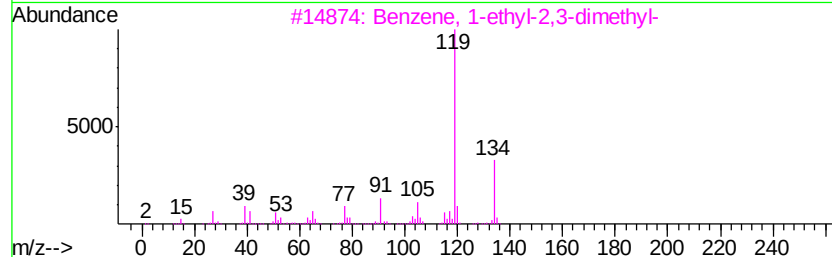
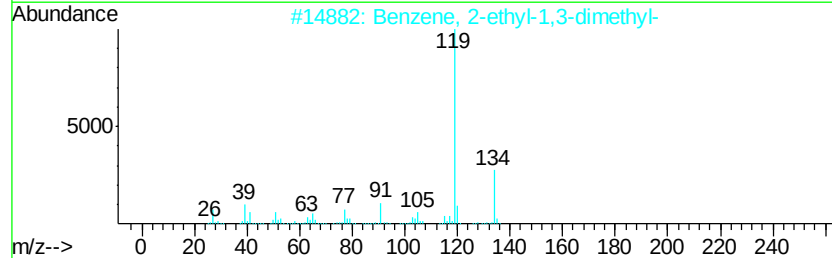
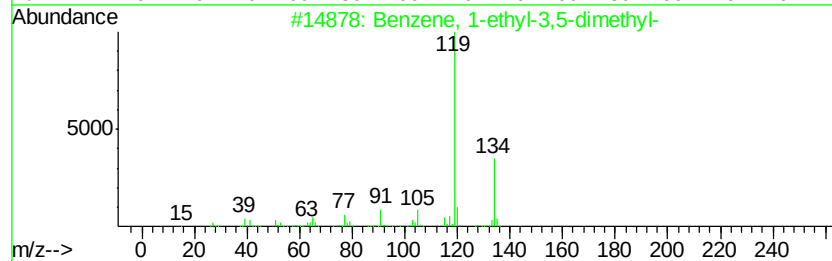
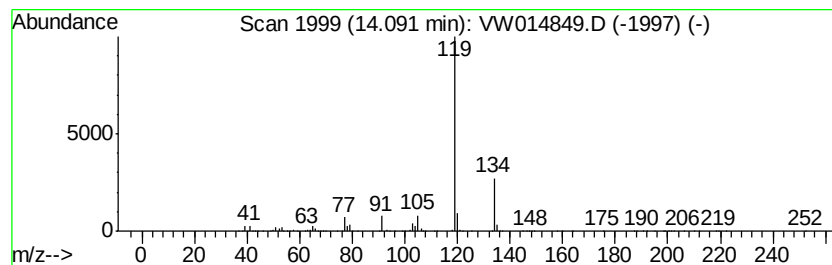
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Quant Title : VOC Analysis

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

Peak Number 18 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	3.87 ug/L	2189600	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014849.D
Acq On : 03 Feb 2020 21:46
Operator : SY/VA
Sample : L1323-12
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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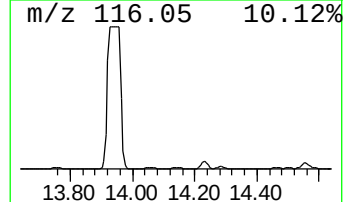
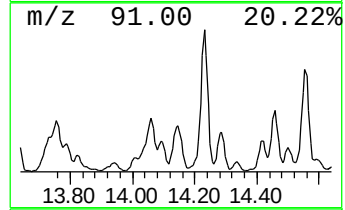
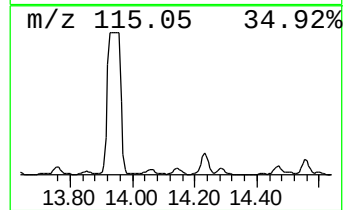
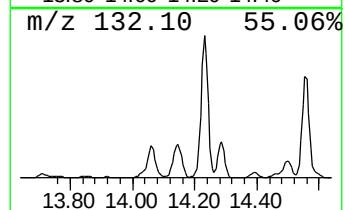
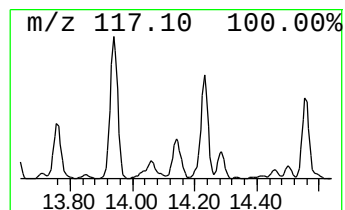
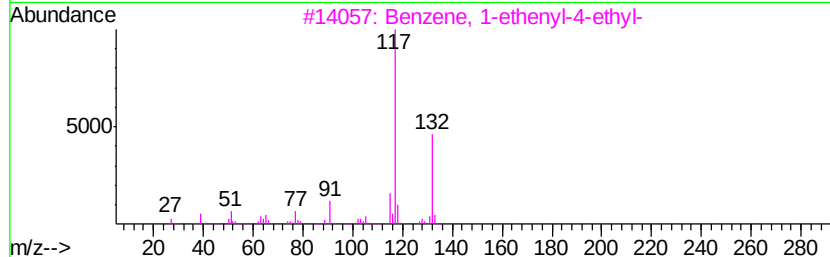
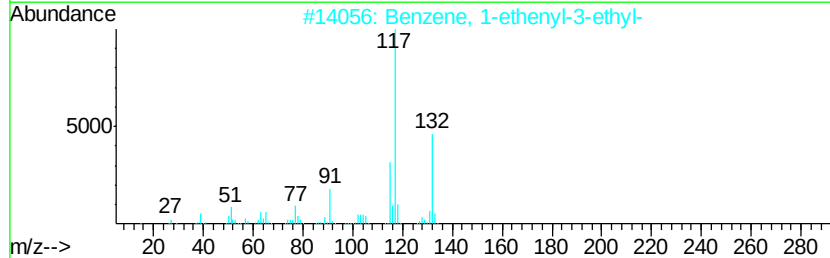
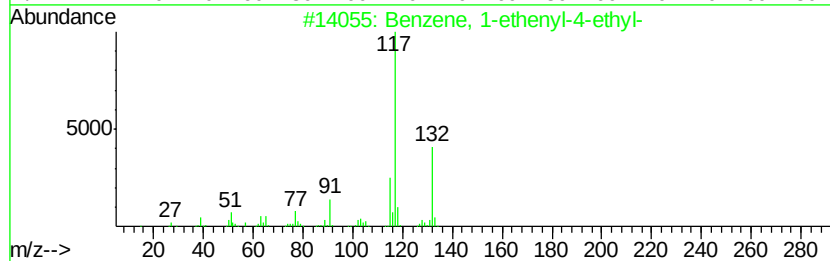
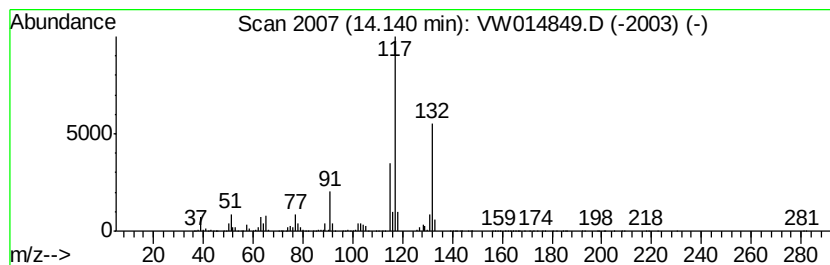
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Quant Title : VOC Analysis

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

Peak Number 19 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	11.69 ug/L	6613580	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	95
2		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	95
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	91
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014849.D
Acq On : 03 Feb 2020 21:46
Operator : SY/VA
Sample : L1323-12
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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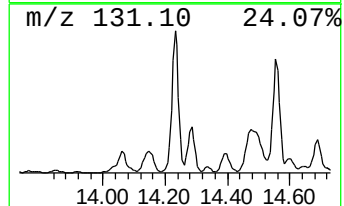
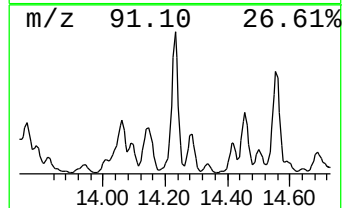
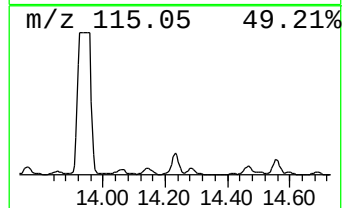
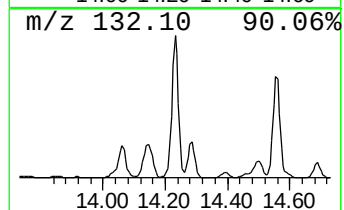
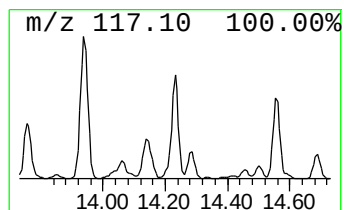
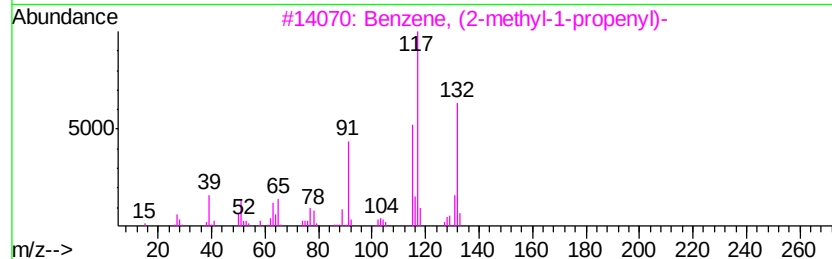
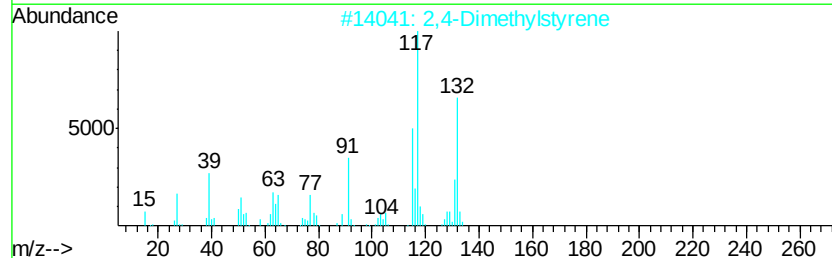
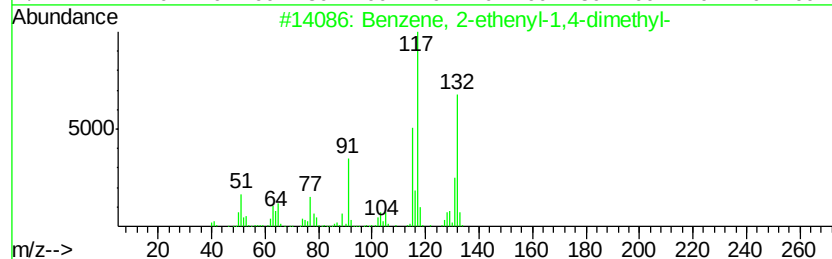
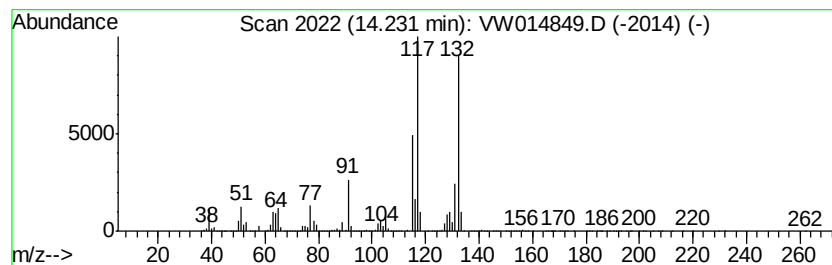
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Quant Title : VOC Analysis

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

Peak Number 20 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	37.42 ug/L	21174400	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	97
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	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	95
5		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014849.D
Acq On : 03 Feb 2020 21:46
Operator : SY/VA
Sample : L1323-12
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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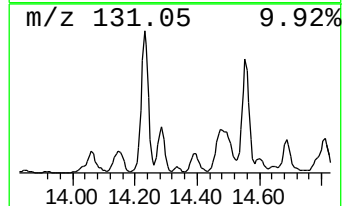
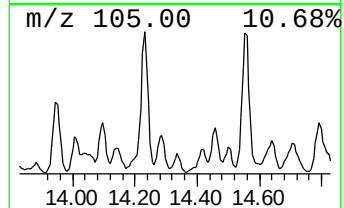
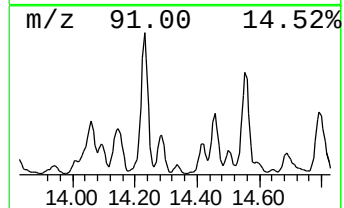
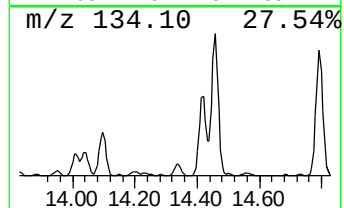
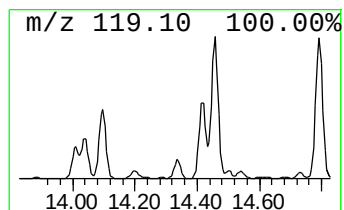
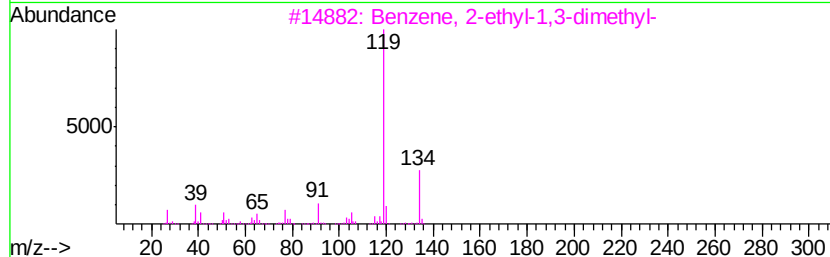
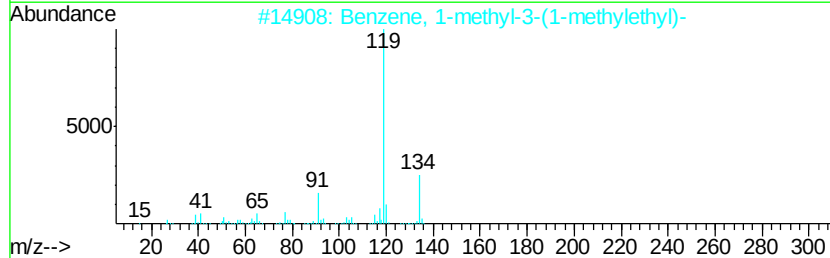
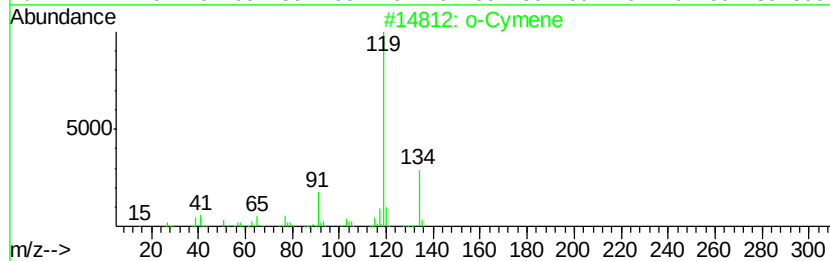
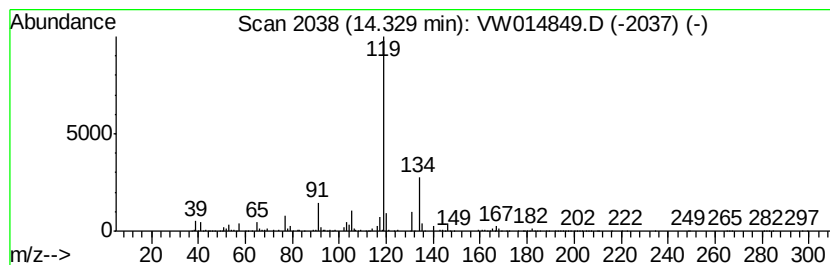
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Quant Title : VOC Analysis

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

Peak Number 22 o-Cymene Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	1.75 ug/L	991698	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	94
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014849.D
Acq On : 03 Feb 2020 21:46
Operator : SY/VA
Sample : L1323-12
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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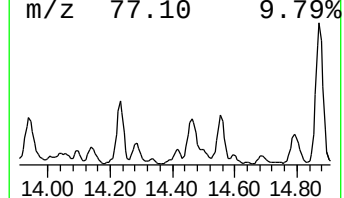
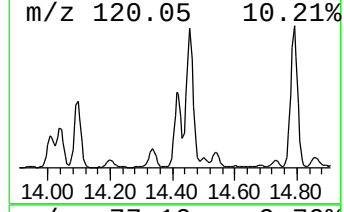
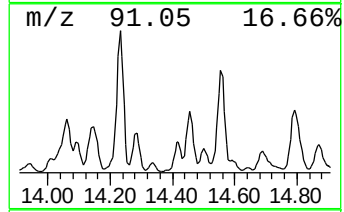
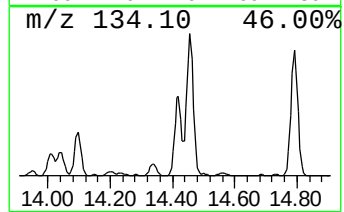
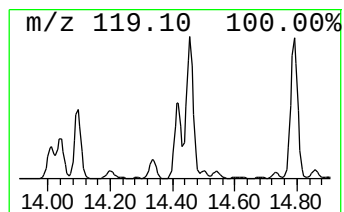
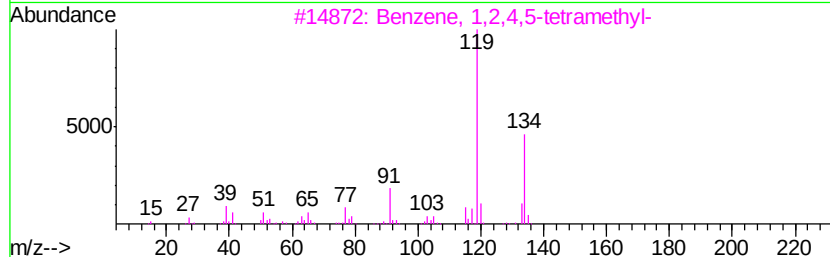
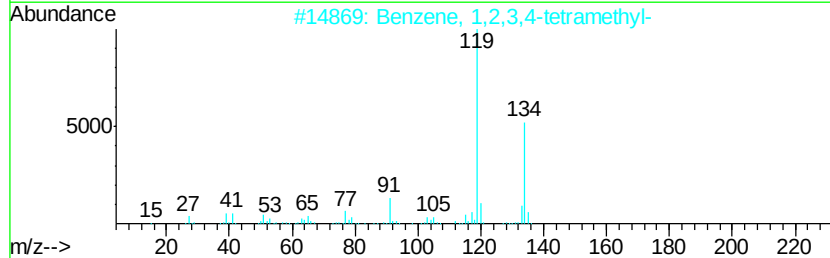
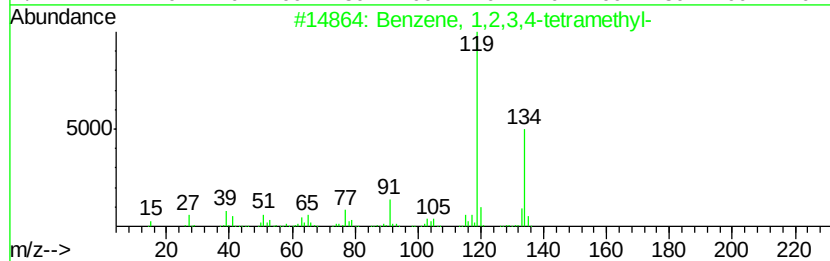
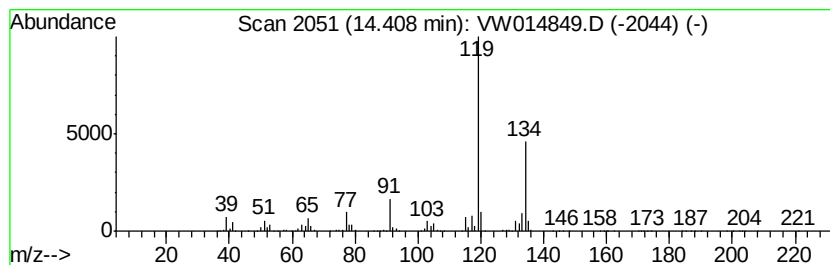
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Quant Title : VOC Analysis

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

Peak Number 23 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	7.63 ug/L	4318280	1,4-Dichlorobenzene-d4	13.55

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014849.D
Acq On : 03 Feb 2020 21:46
Operator : SY/VA
Sample : L1323-12
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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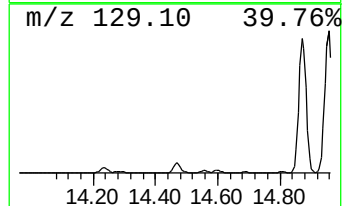
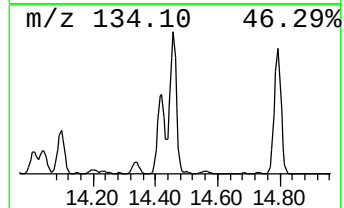
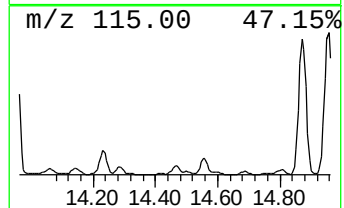
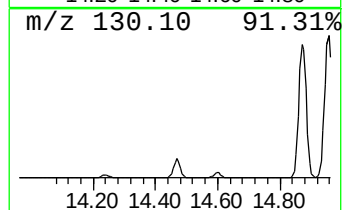
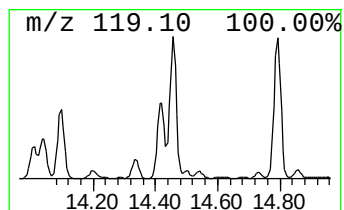
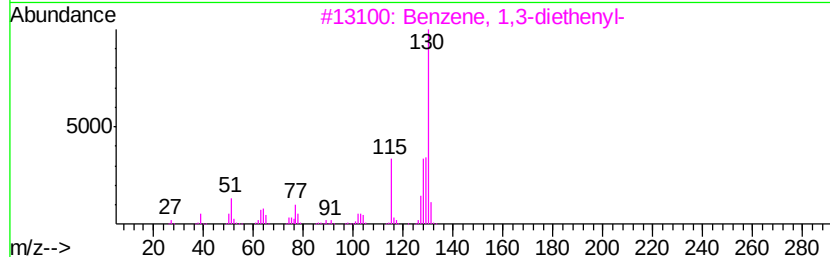
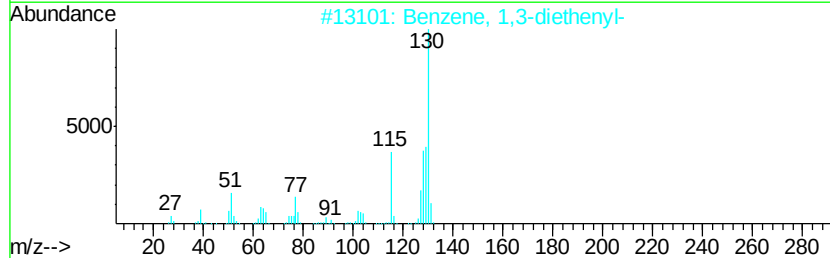
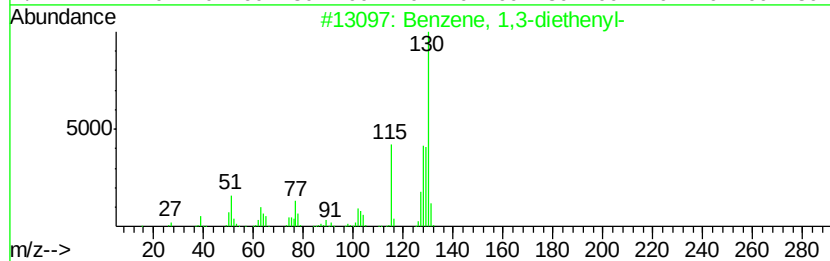
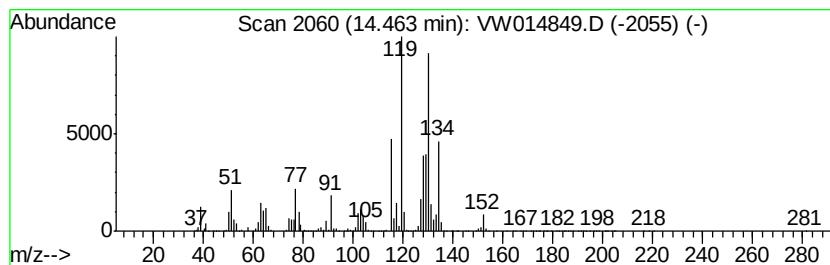
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Quant Title : VOC Analysis

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

Peak Number 24 Benzene, 1,3-diethenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	25.24 ug/L	14281300	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethenyl-	130	C10H10	000108-57-6	94
2		Benzene, 1,3-diethenyl-	130	C10H10	000108-57-6	89
3		Benzene, 1,3-diethenyl-	130	C10H10	000108-57-6	83
4		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	50
5		2-Methylindene	130	C10H10	002177-47-1	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014849.D
Acq On : 03 Feb 2020 21:46
Operator : SY/VA
Sample : L1323-12
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT50

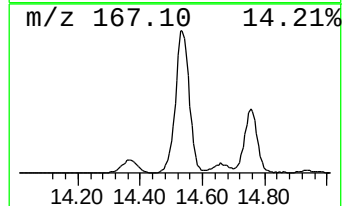
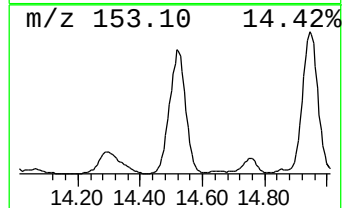
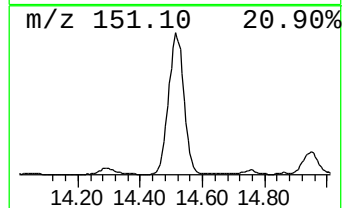
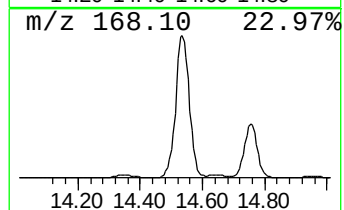
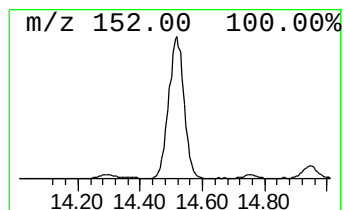
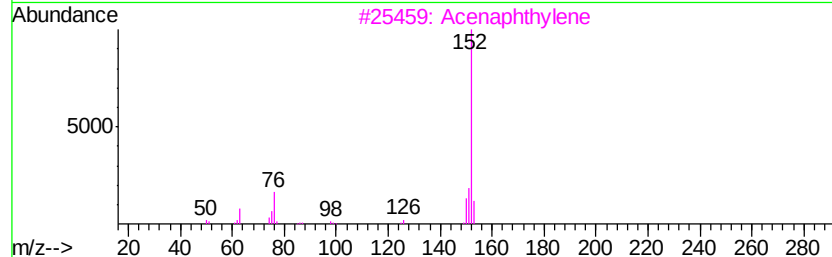
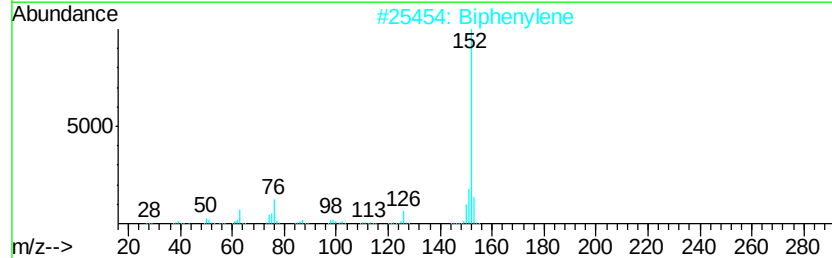
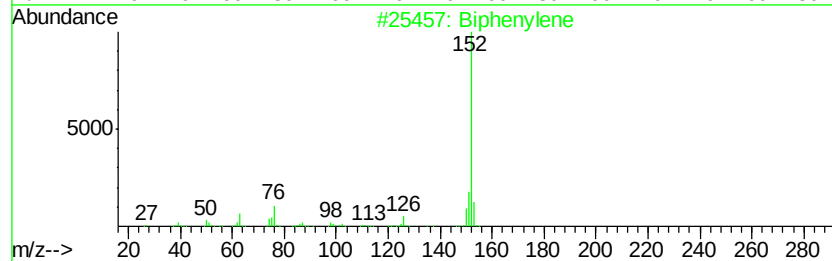
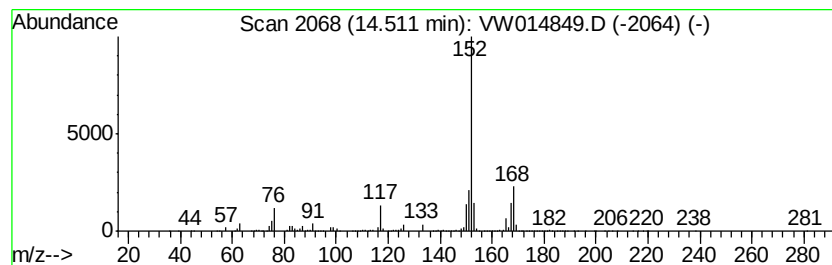
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Quant Title : VOC Analysis

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

Peak Number 25 Biphenylene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	13.84 ug/L	7834150	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Biphenylene	152	C12H8	000259-79-0	64
2		Biphenylene	152	C12H8	000259-79-0	64
3		Acenaphthylene	152	C12H8	000208-96-8	60
4		Acenaphthylene	152	C12H8	000208-96-8	60
5		Acenaphthylene	152	C12H8	000208-96-8	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014849.D
Acq On : 03 Feb 2020 21:46
Operator : SY/VA
Sample : L1323-12
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT50

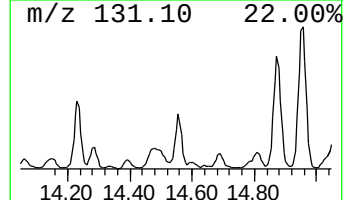
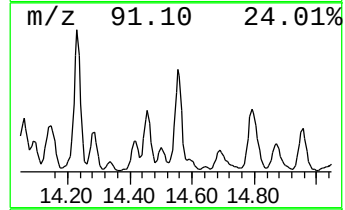
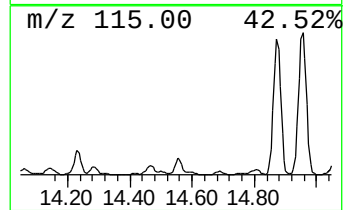
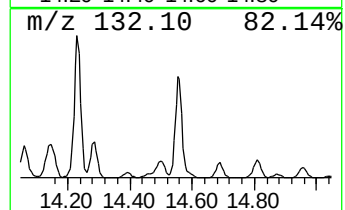
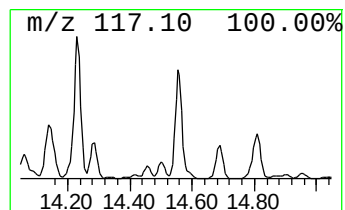
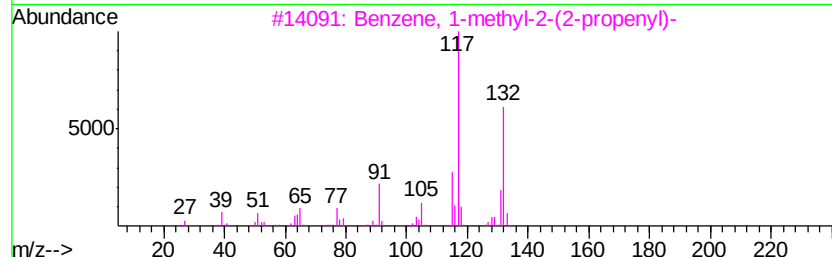
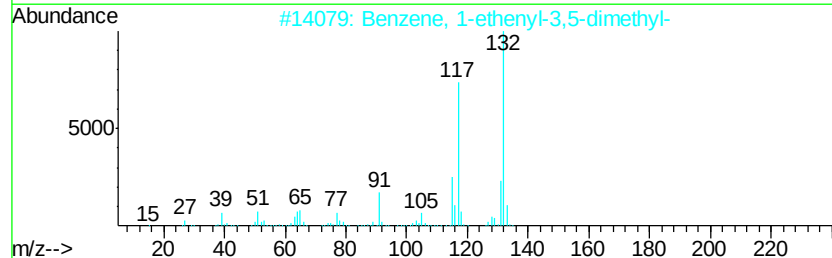
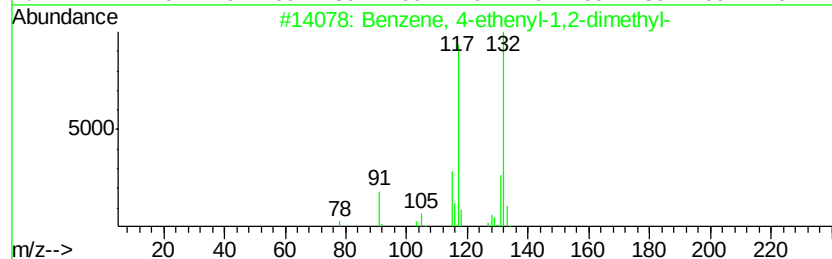
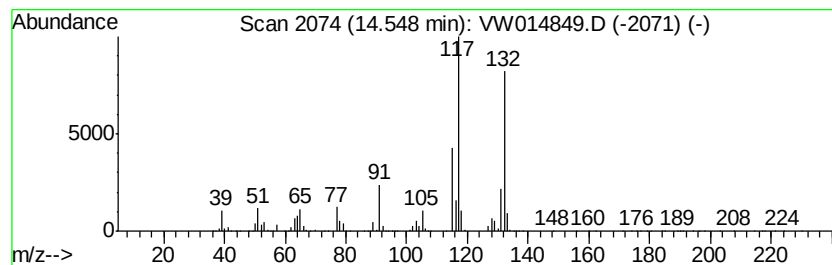
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Quant Title : VOC Analysis

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

Peak Number 26 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	31.15 ug/L	17629900	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	95
2		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	95
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
4		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014849.D
Acq On : 03 Feb 2020 21:46
Operator : SY/VA
Sample : L1323-12
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT50

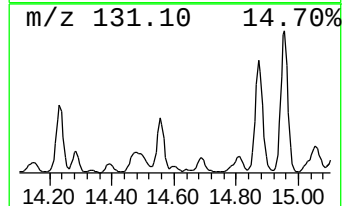
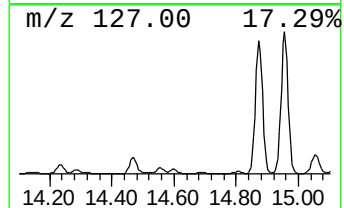
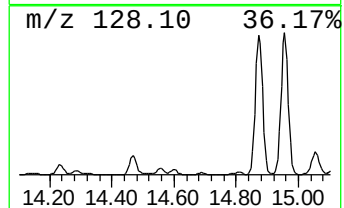
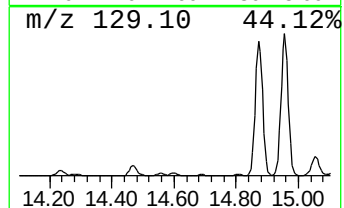
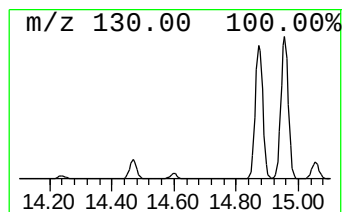
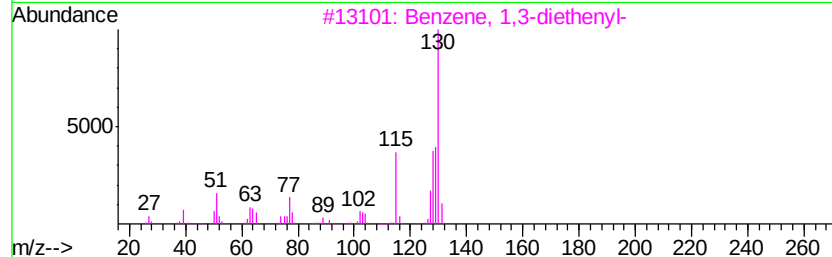
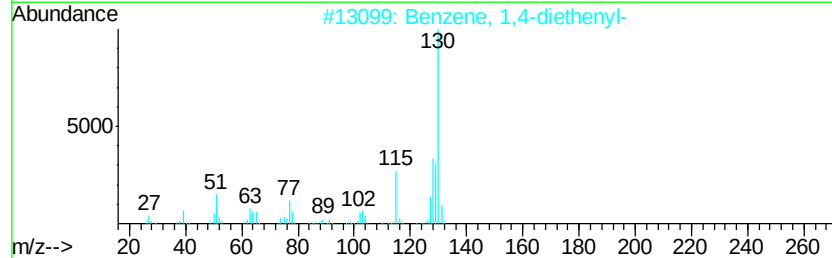
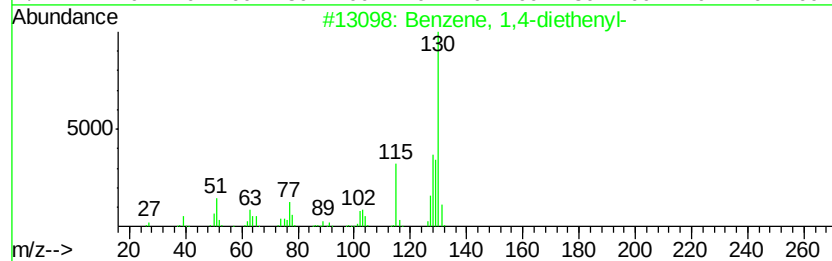
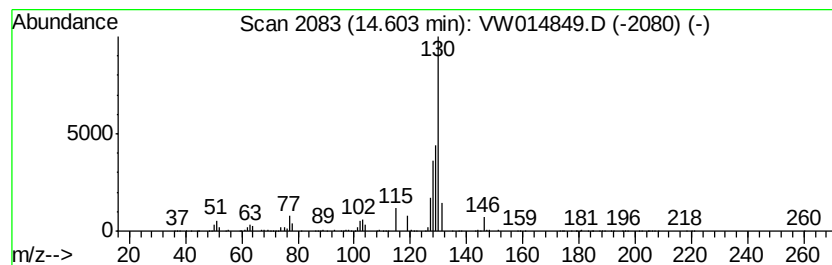
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Quant Title : VOC Analysis

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

Peak Number 27 Benzene, 1,4-diethenyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	3.21 ug/L	1814530	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethenyl-	130	C10H10	000105-06-6	92
2		Benzene, 1,4-diethenyl-	130	C10H10	000105-06-6	90
3		Benzene, 1,3-diethenyl-	130	C10H10	000108-57-6	76
4		Benzene, 1,3-diethenyl-	130	C10H10	000108-57-6	76
5		Benzene, 1,3-diethenyl-	130	C10H10	000108-57-6	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014849.D
Acq On : 03 Feb 2020 21:46
Operator : SY/VA
Sample : L1323-12
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT50

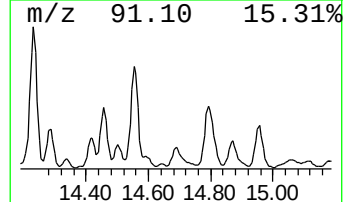
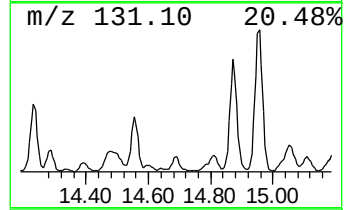
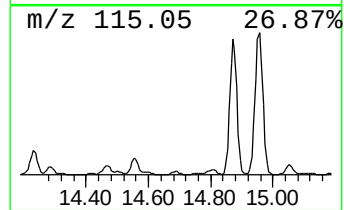
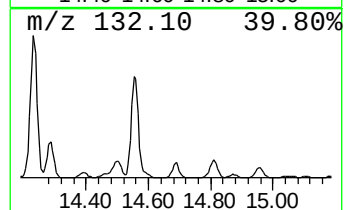
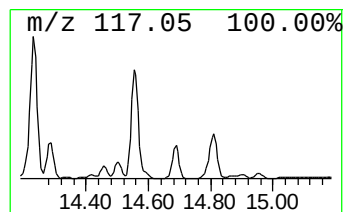
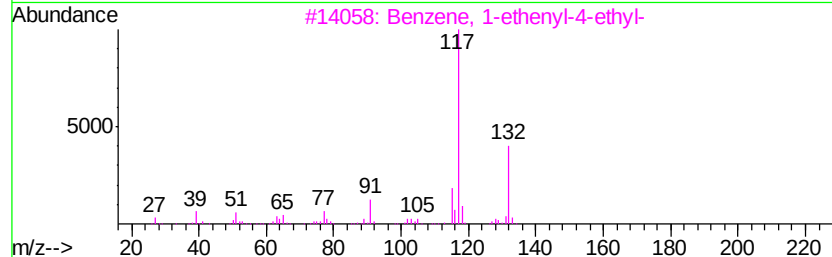
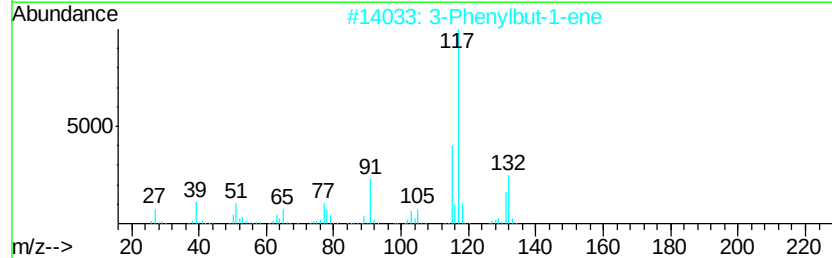
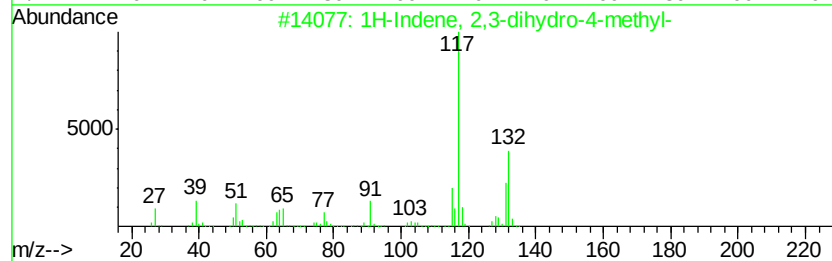
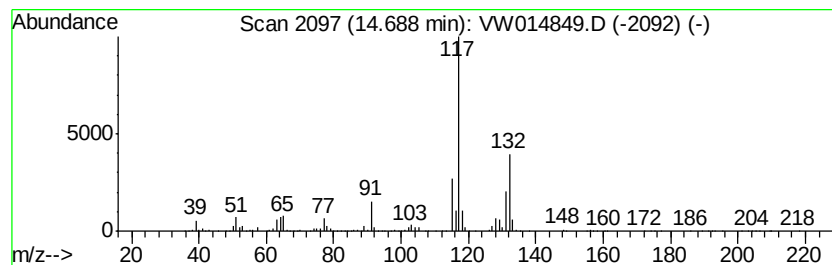
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Quant Title : VOC Analysis

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

Peak Number 28 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	5.60 ug/L	3166620	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2			3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
4			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
5			Indan, 1-methyl-	132	C10H12	000767-58-8	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014849.D
Acq On : 03 Feb 2020 21:46
Operator : SY/VA
Sample : L1323-12
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT50

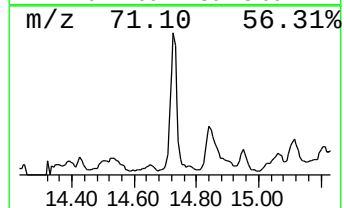
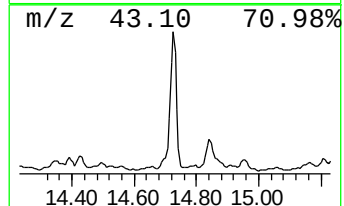
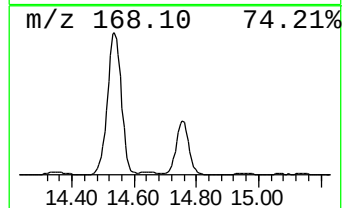
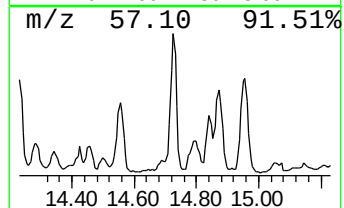
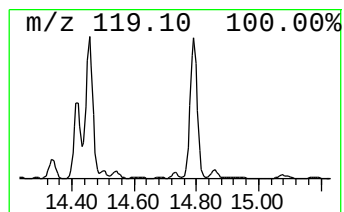
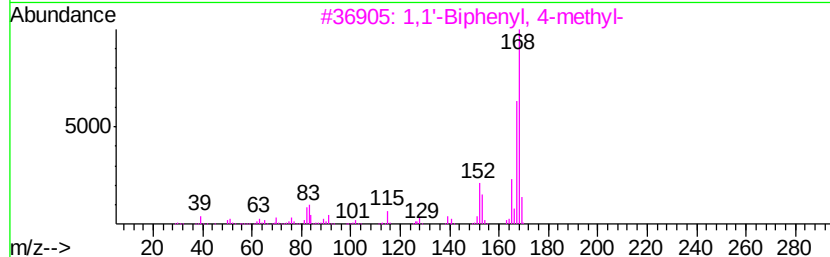
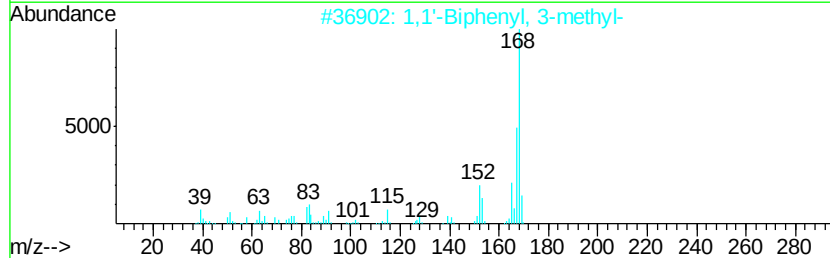
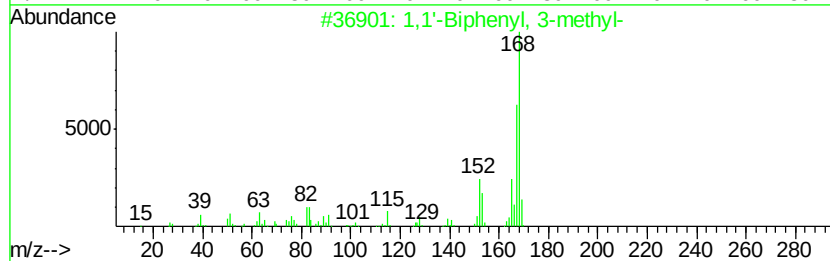
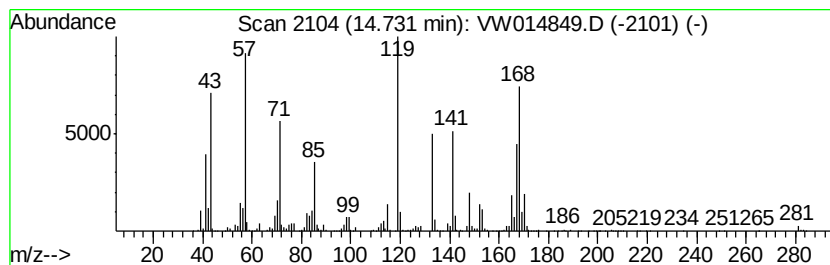
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Quant Title : VOC Analysis

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

Peak Number 29 unknown-01 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	1.56 ug/L	885589	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	48
2			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	47
3			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	47
4			Diphenylmethane	168	C13H12	000101-81-5	35
5			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014849.D
Acq On : 03 Feb 2020 21:46
Operator : SY/VA
Sample : L1323-12
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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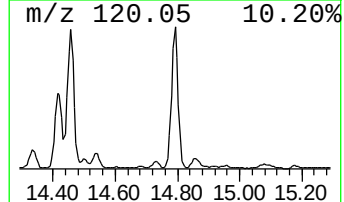
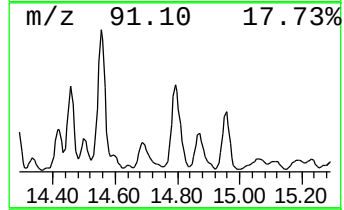
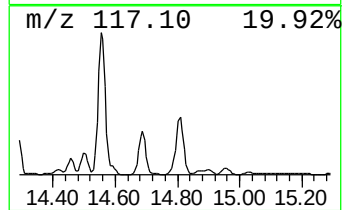
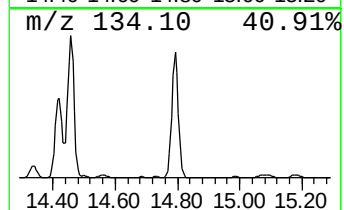
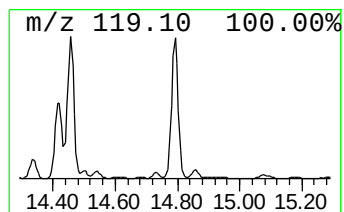
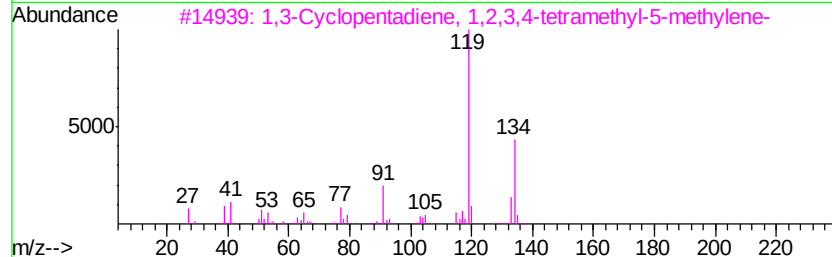
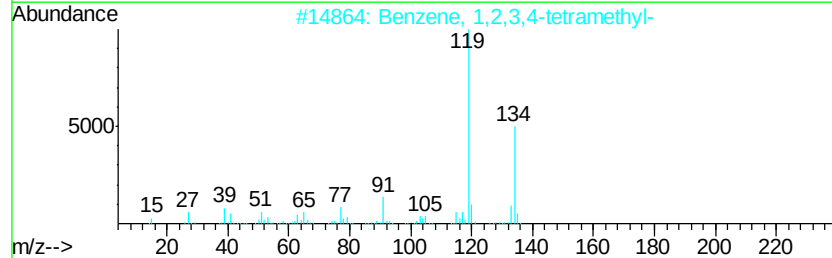
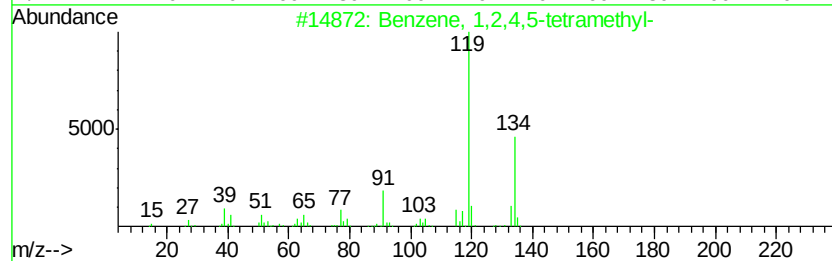
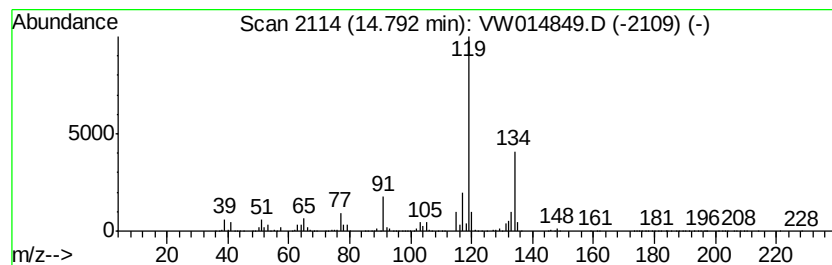
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Quant Title : VOC Analysis

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

Peak Number 30 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	18.44 ug/L	10435500	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
3		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5		o-Cymene	134	C10H14	000527-84-4	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014849.D
Acq On : 03 Feb 2020 21:46
Operator : SY/VA
Sample : L1323-12
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT50

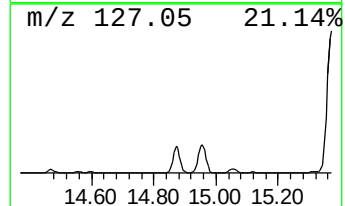
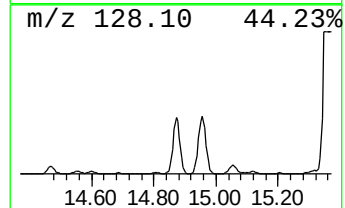
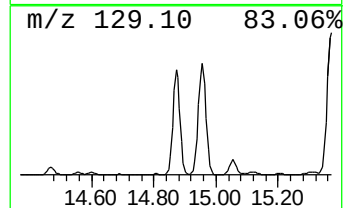
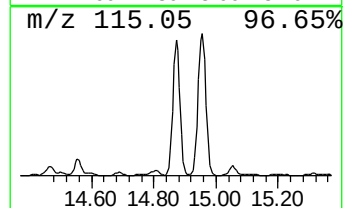
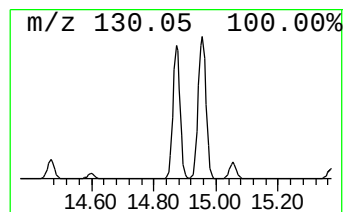
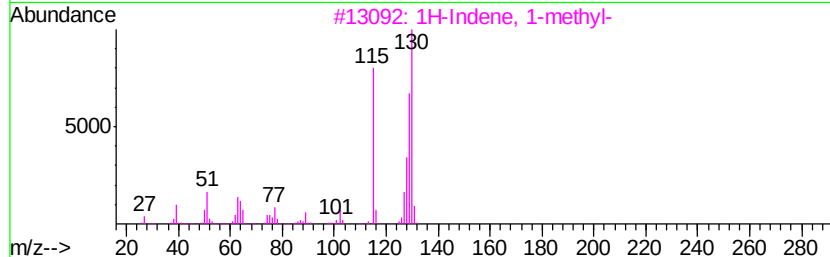
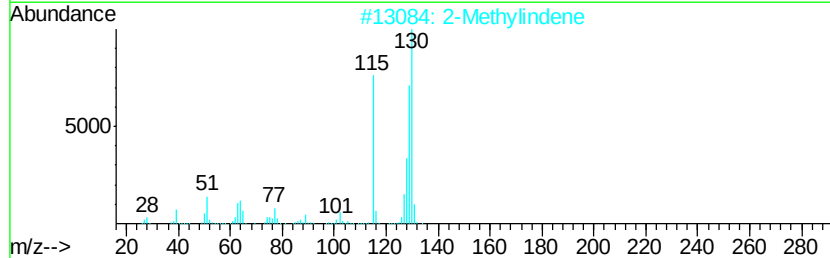
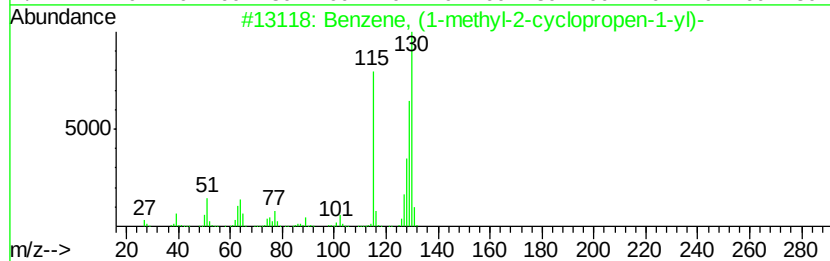
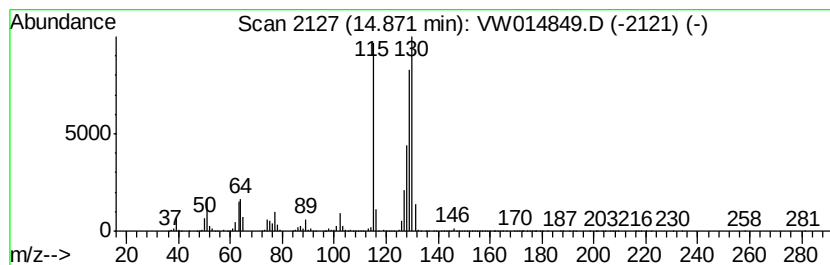
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Quant Title : VOC Analysis

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

Peak Number 31 Benzene, (1-methyl-2-cyclop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	114.89 ug/L	65020400	1,4-Dichlorobenzene-d4	13.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
2		2-Methylindene	130	C10H10	002177-47-1	97
3		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
5		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014849.D
Acq On : 03 Feb 2020 21:46
Operator : SY/VA
Sample : L1323-12
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT50

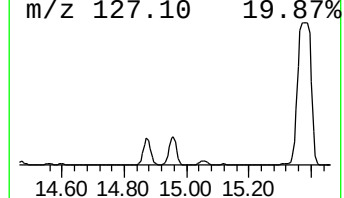
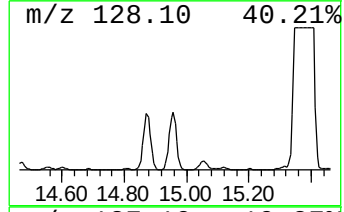
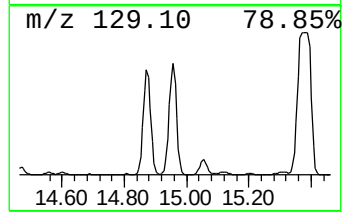
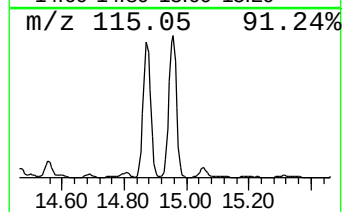
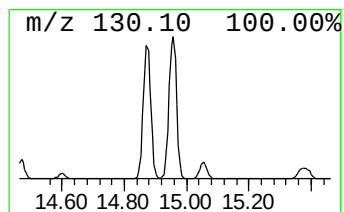
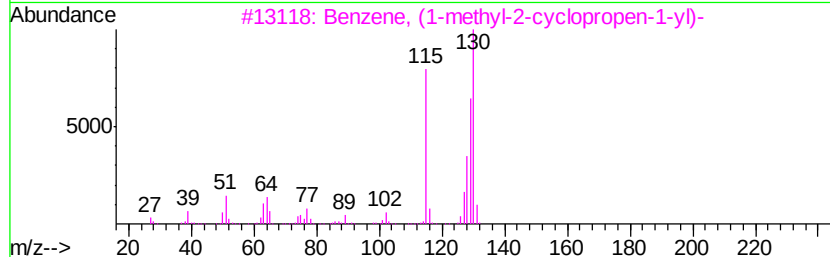
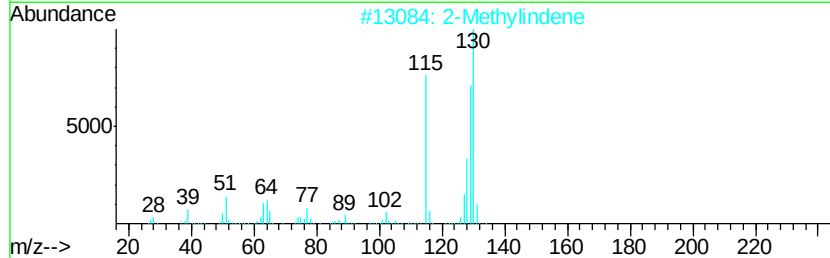
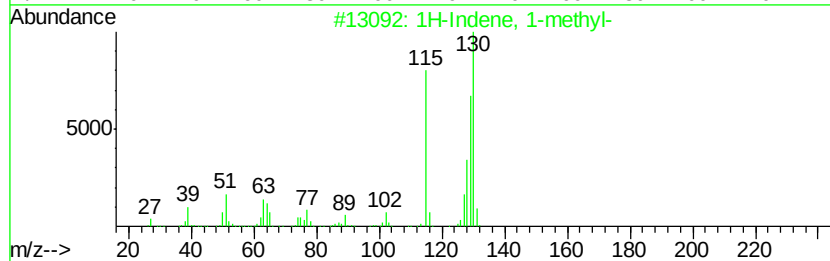
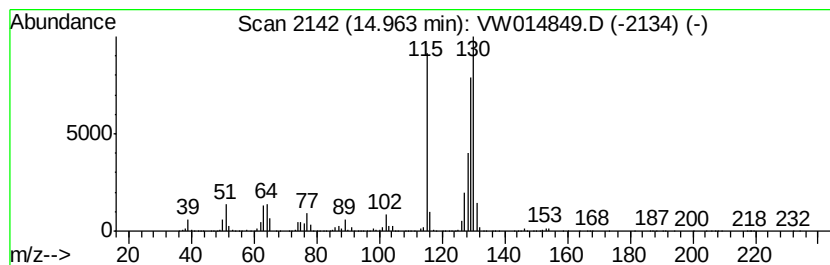
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Quant Title : VOC Analysis

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

Peak Number 32 1H-Indene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	132.36 ug/L	74904900	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2		2-Methylindene	130	C10H10	002177-47-1	96
3		Benzene, (1-methyl-2-cyclopropen-1-yl)-	130	C10H10	065051-83-4	95
4		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
5		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014849.D
Acq On : 03 Feb 2020 21:46
Operator : SY/VA
Sample : L1323-12
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT50

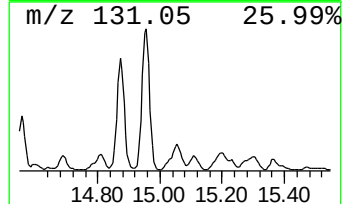
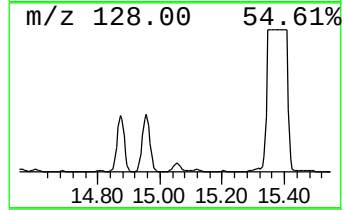
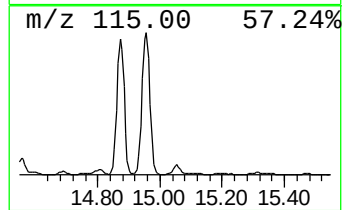
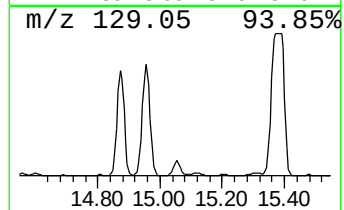
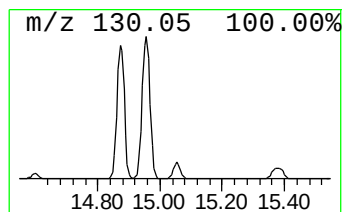
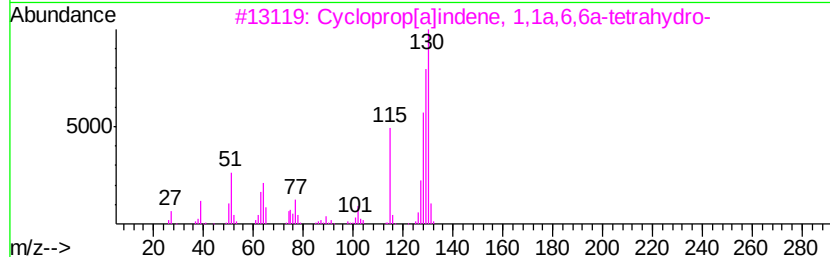
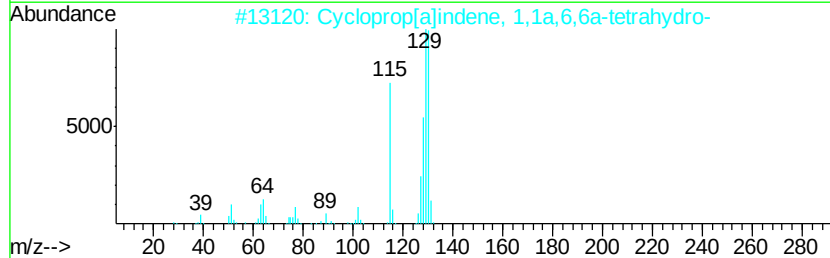
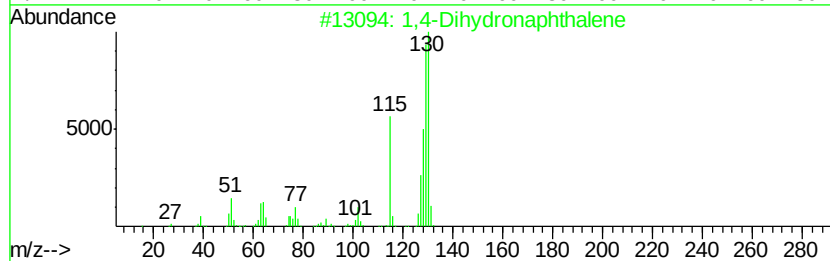
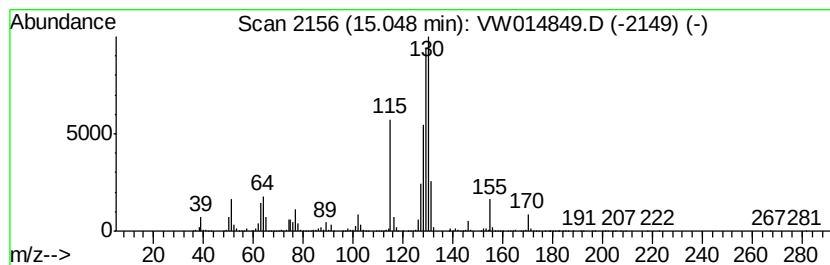
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Quant Title : VOC Analysis

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

Peak Number 33 1,4-Dihydronaphthalene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	19.02 ug/L	10764000	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
2		Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	94
3		Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	92
4		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	86
5		Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014849.D
Acq On : 03 Feb 2020 21:46
Operator : SY/VA
Sample : L1323-12
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

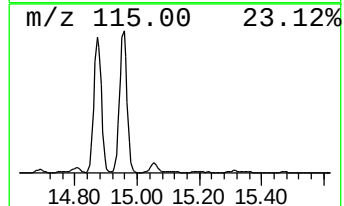
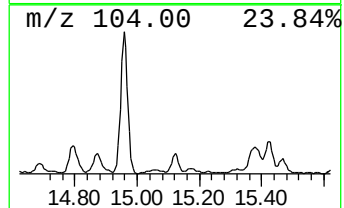
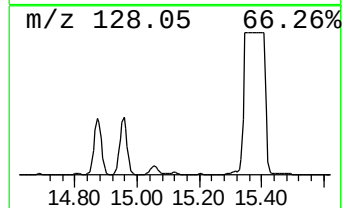
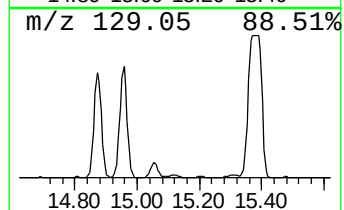
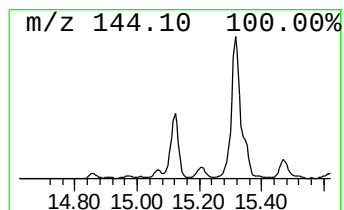
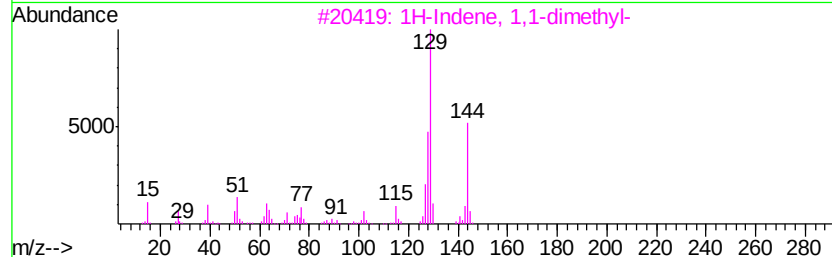
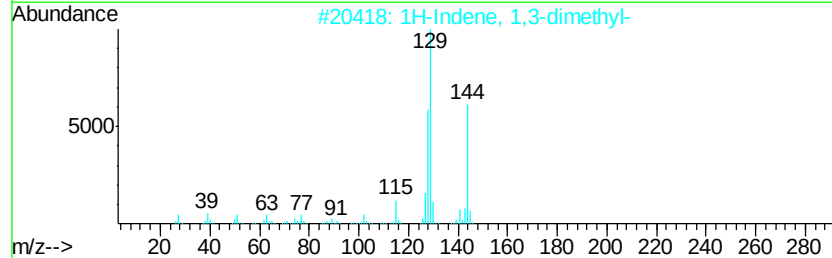
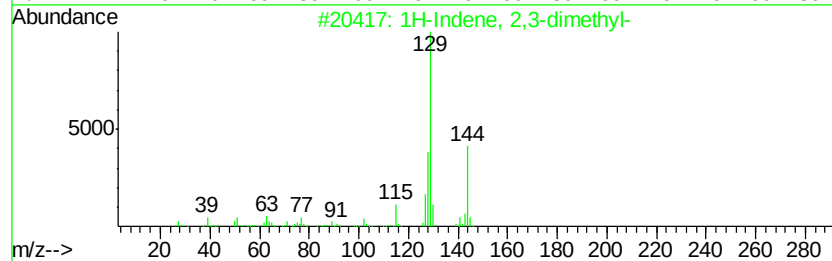
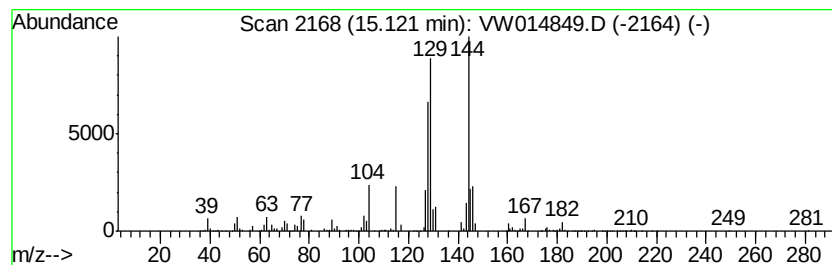
Instrument :
MSVOA_W
ClientSampleId :
GAT50

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 34 1H-Indene, 2,3-dimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.12	3.46 ug/L	1960760	1,4-Dichlorobenzene-d4	13.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	76
2	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	76
3	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	70
4	2-Ethyl-1-H-indene	144	C11H12	017059-50-6	70
5	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014849.D
Acq On : 03 Feb 2020 21:46
Operator : SY/VA
Sample : L1323-12
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAT50

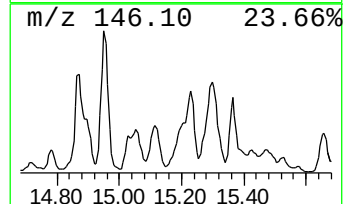
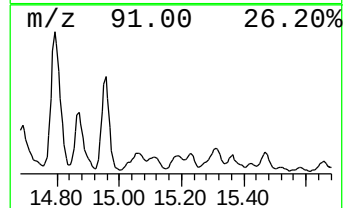
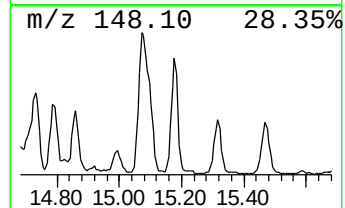
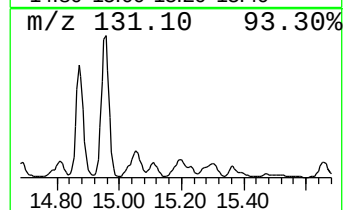
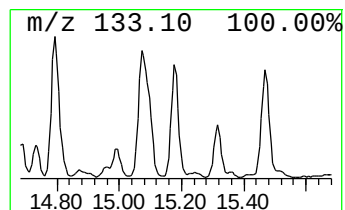
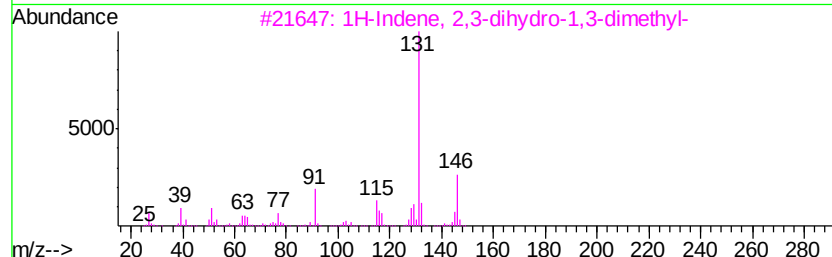
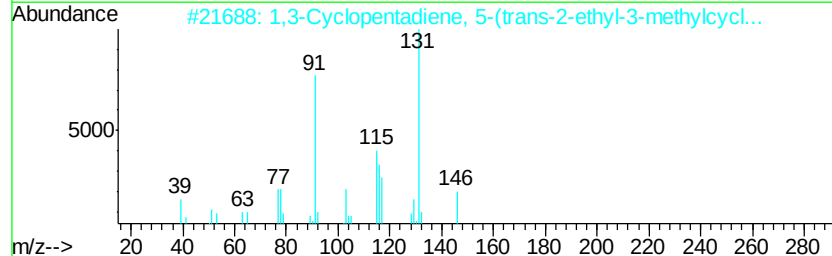
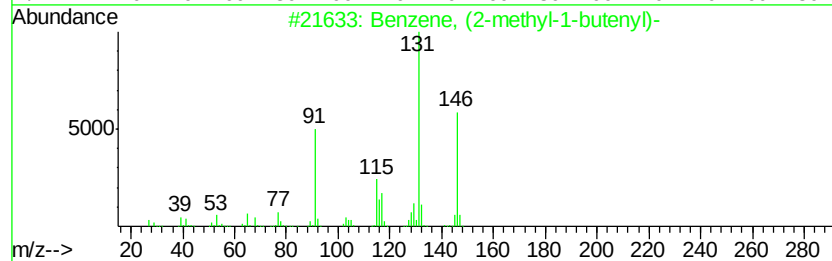
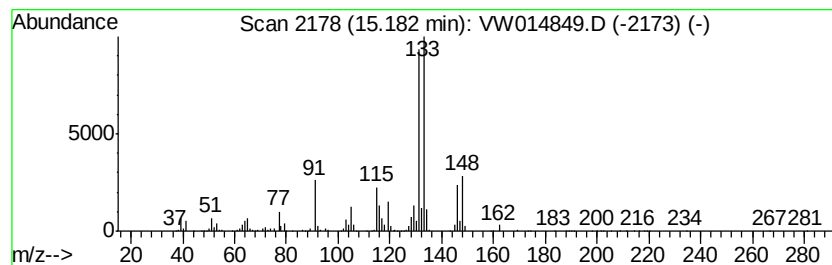
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Quant Title : VOC Analysis

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

Peak Number 35 Benzene, (2-methyl-1-butenyl)- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	2.45 ug/L	1386890	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	70
2		1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	55
3		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	50
4		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	50
5		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014849.D
Acq On : 03 Feb 2020 21:46
Operator : SY/VA
Sample : L1323-12
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT50

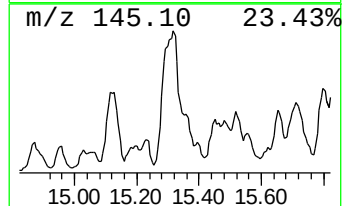
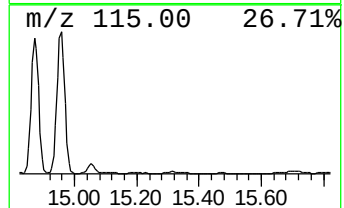
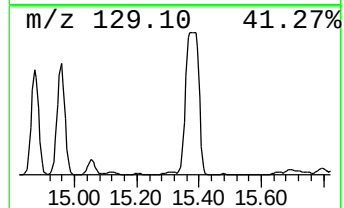
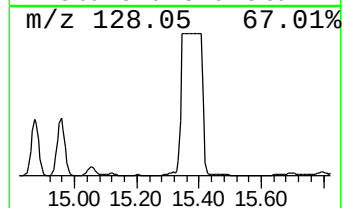
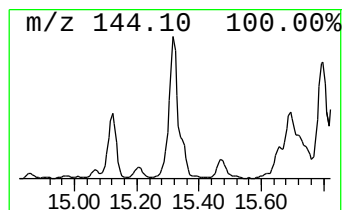
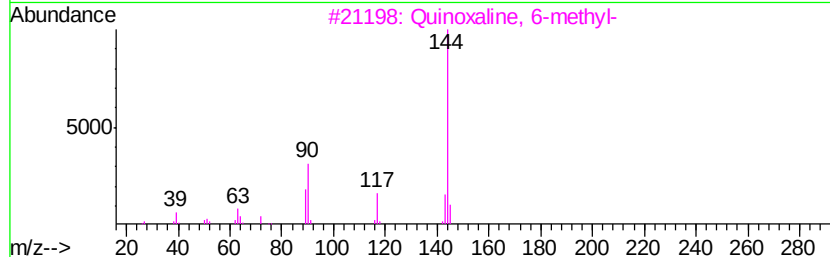
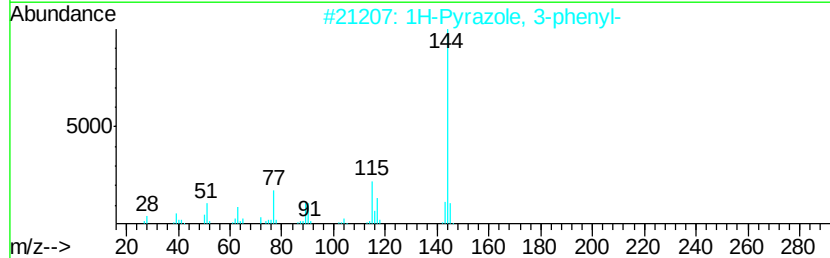
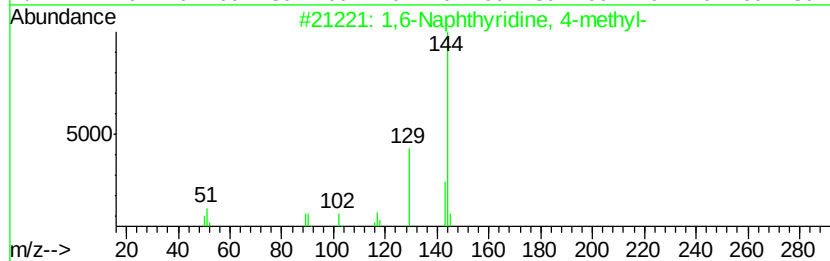
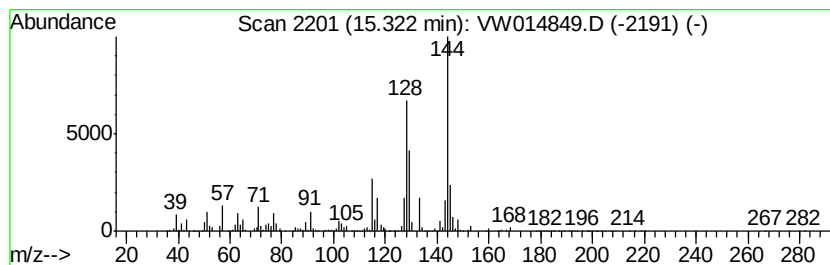
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Quant Title : VOC Analysis

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

Peak Number 36 unknown-02 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	5.82 ug/L	3292700	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,6-Naphthyridine, 4-methyl-	144	C9H8N2	007675-30-1	38
2		1H-Pyrazole, 3-phenyl-	144	C9H8N2	002458-26-6	38
3		Quinoxaline, 6-methyl-	144	C9H8N2	006344-72-5	30
4		3-Quinolinamine	144	C9H8N2	000580-17-6	30
5		1H-Imidazole, 4-phenyl-	144	C9H8N2	000670-95-1	30



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020320\
 Data File : VW014849.D
 Acq On : 03 Feb 2020 21:46
 Operator : SY/VA
 Sample : L1323-12
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT50

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
 Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1-et...	12.40	92.0	ug/L	12083600	2	11.63	3284030	25.0
Benzene, 1,2,3-tr...	12.94	30.0	ug/L	16995100	3	13.55	14147900	25.0
.alpha.-Methylsty...	13.12	14.3	ug/L	8078280	3	13.55	14147900	25.0
Benzene, 1-etheny...	13.30	141.9	ug/L	80294000	3	13.55	14147900	25.0
Benzene, 2-propenyl-	13.35	52.4	ug/L	29640900	3	13.55	14147900	25.0
Naphthalene, 1,7-...	13.44	43.3	ug/L	24517000	3	13.55	14147900	25.0
Naphthalene, 2-et...	13.72	8.1	ug/L	4594560	3	13.55	14147900	25.0
Indane	13.76	7.9	ug/L	4466660	3	13.55	14147900	25.0
Indene	13.94	254.6	ug/L	144061000	3	13.55	14147900	25.0
Benzene, 4-ethyl-...	14.01	1.6	ug/L	894451	3	13.55	14147900	25.0
Benzene, 1-methyl...	14.06	10.1	ug/L	5712610	3	13.55	14147900	25.0
Benzene, 1-ethyl-...	14.09	3.9	ug/L	2189600	3	13.55	14147900	25.0
Benzene, 1-etheny...	14.14	11.7	ug/L	6613580	3	13.55	14147900	25.0
Benzene, 2-etheny...	14.23	37.4	ug/L	21174400	3	13.55	14147900	25.0
o-Cymene	14.33	1.8	ug/L	991698	3	13.55	14147900	25.0
Benzene, 1,2,3,4-...	14.41	7.6	ug/L	4318280	3	13.55	14147900	25.0
Benzene, 1,3-diet...	14.46	25.2	ug/L	14281300	3	13.55	14147900	25.0
Biphenylene	14.51	13.8	ug/L	7834150	3	13.55	14147900	25.0
Benzene, 4-etheny...	14.55	31.1	ug/L	17629900	3	13.55	14147900	25.0
Benzene, 1,4-diet...	14.60	3.2	ug/L	1814530	3	13.55	14147900	25.0
1H-Indene, 2,3-di...	14.69	5.6	ug/L	3166620	3	13.55	14147900	25.0
unknown-01	14.73	1.6	ug/L	885589	3	13.55	14147900	25.0
Benzene, 1,2,4,5-...	14.79	18.4	ug/L	10435500	3	13.55	14147900	25.0
Benzene, (1-methy...	14.87	114.9	ug/L	65020400	3	13.55	14147900	25.0
1H-Indene, 1-methyl-	14.96	132.4	ug/L	74904900	3	13.55	14147900	25.0
1,4-Dihydronaphth...	15.05	19.0	ug/L	10764000	3	13.55	14147900	25.0
1H-Indene, 2,3-di...	15.12	3.5	ug/L	1960760	3	13.55	14147900	25.0
Benzene, (2-methy...	15.18	2.5	ug/L	1386890	3	13.55	14147900	25.0
unknown-02	15.32	5.8	ug/L	3292700	3	13.55	14147900	25.0