

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020320\
 Data File : VW014848.D
 Acq On : 03 Feb 2020 21:20
 Operator : SY/VA
 Sample : L1323-09
 Misc : 5.01G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT47

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	53	rBV2	42360	105821	0.08%	0.028%
2	2.355	68	74	87	rVB	241566	464533	0.33%	0.124%
3	2.892	154	162	174	rBV	209429	512372	0.36%	0.137%
4	3.459	251	255	258	rBV5	1398	2484	0.00%	0.001%
5	3.532	264	267	269	rBV4	1393	2016	0.00%	0.001%
6	4.019	333	347	359	rBV	419114	1319518	0.94%	0.353%
7	4.123	361	364	375	rVB2	16148	38561	0.03%	0.010%
8	4.397	401	409	413	rBV6	2008	4942	0.00%	0.001%
9	4.916	482	494	514	rVB	54732	196694	0.14%	0.053%
10	5.501	588	590	596	rVB3	957	1679	0.00%	0.000%
11	5.769	630	634	635	rBV2	1538	1869	0.00%	0.001%
12	5.787	635	637	638	rVV2	1803	1695	0.00%	0.000%
13	5.800	638	639	642	rVV2	2184	1892	0.00%	0.001%
14	5.940	650	662	672	rVB5	9980	32247	0.02%	0.009%
15	7.074	838	848	854	rBV	135681	375913	0.27%	0.101%
16	7.135	854	858	874	rVB	74413	206837	0.15%	0.055%
17	7.281	880	882	887	rVB3	1460	2289	0.00%	0.001%
18	7.531	917	923	927	rVV8	1998	4688	0.00%	0.001%
19	7.647	932	942	954	rVV	684809	1676956	1.19%	0.449%
20	7.946	987	991	996	rVB5	2012	3527	0.00%	0.001%
21	8.269	1033	1044	1062	rBV2	1416076	4157480	2.96%	1.113%
22	8.403	1062	1066	1072	rVV7	2618	5889	0.00%	0.002%
23	8.537	1084	1088	1092	rBV5	1467	2410	0.00%	0.001%
24	8.628	1101	1103	1109	rVB5	1547	1936	0.00%	0.001%
25	8.701	1109	1115	1122	rVB7	2686	7563	0.01%	0.002%
26	8.842	1129	1138	1152	rBV	1190556	2372191	1.69%	0.635%
27	9.073	1171	1176	1185	rVB6	8431	17696	0.01%	0.005%
28	9.268	1199	1208	1218	rBV	989963	2013986	1.43%	0.539%
29	9.348	1218	1221	1222	rVB3	1667	1768	0.00%	0.000%
30	9.518	1246	1249	1255	rBV6	1039	1685	0.00%	0.000%
31	9.659	1267	1272	1278	rBV3	9157	16928	0.01%	0.005%
32	9.896	1308	1311	1314	rBV4	1108	1542	0.00%	0.000%
33	10.031	1321	1333	1343	rBV	470793	856654	0.61%	0.229%
34	10.122	1345	1348	1356	rVB9	4474	8923	0.01%	0.002%

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Integration Parameters: LSCINT.P

Integrator: RTE
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 Start Thrs: 0.2
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
 Title : VOC Analysis

35	10.213	1356	1363	1369	rBV	8652	15210	0.01%	0.004%
36	10.323	1372	1381	1387	rBV	1852433	3281446	2.34%	0.879%
37	10.384	1387	1391	1400	rVB2	134186	246069	0.18%	0.066%
38	10.451	1400	1402	1405	rVB4	1836	1641	0.00%	0.000%
39	10.506	1409	1411	1414	rVB4	2490	2647	0.00%	0.001%
40	10.573	1414	1422	1431	rBV	295299	516759	0.37%	0.138%
41	10.701	1436	1443	1450	rBV2	80654	146619	0.10%	0.039%
42	10.823	1460	1463	1464	rBV2	1636	1596	0.00%	0.000%
43	10.854	1464	1468	1472	rBV4	7876	14825	0.01%	0.004%
44	10.921	1472	1479	1488	rBV	537719	909701	0.65%	0.244%
45	11.061	1496	1502	1512	rVB	87934	148169	0.11%	0.040%
46	11.286	1537	1539	1540	rBV2	4889	3397	0.00%	0.001%
47	11.439	1558	1564	1571	rVB2	29518	51736	0.04%	0.014%
48	11.628	1588	1595	1604	rVV	1510293	2567102	1.83%	0.687%
49	11.725	1607	1611	1615	rVB5	6500	10982	0.01%	0.003%
50	11.841	1624	1630	1639	rVB4	9744	22345	0.02%	0.006%
51	11.908	1639	1641	1643	rBV2	2125	1755	0.00%	0.000%
52	11.981	1651	1653	1658	rBV6	2865	5948	0.00%	0.002%
53	12.176	1678	1685	1691	rBV2	36740	71474	0.05%	0.019%
54	12.250	1694	1697	1699	rBV4	2961	4210	0.00%	0.001%
55	12.402	1709	1722	1723	rBV3	19881	56934	0.04%	0.015%
56	12.609	1749	1756	1761	rVB	80487	138690	0.10%	0.037%
57	12.689	1763	1769	1779	rVB	632330	1007441	0.72%	0.270%
58	12.884	1779	1801	1806	rBV5	125726	639646	0.46%	0.171%
59	13.073	1830	1832	1834	rBV3	3372	4693	0.00%	0.001%
60	13.158	1844	1846	1851	rVB6	4791	5626	0.00%	0.002%
61	13.298	1857	1869	1882	rBV4	205741	692825	0.49%	0.186%
62	13.438	1889	1892	1905	rVB5	62803	186873	0.13%	0.050%
63	13.554	1905	1911	1920	rBV	1019929	1624462	1.16%	0.435%
64	13.646	1920	1926	1930	rVB2	26476	40043	0.03%	0.011%
65	13.786	1945	1949	1953	rVB	49692	70322	0.05%	0.019%
66	13.853	1953	1960	1968	rBV	1015238	1817557	1.29%	0.487%
67	13.938	1968	1974	1982	rBV2	99477	198659	0.14%	0.053%
68	14.036	1983	1990	1992	rBV3	73344	136836	0.10%	0.037%
69	14.066	1992	1995	1997	rBV3	26777	37662	0.03%	0.010%
70	14.091	1997	1999	2003	rVB	99523	128682	0.09%	0.034%
71	14.133	2003	2006	2012	rVB2	84359	149402	0.11%	0.040%

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Integration Parameters: LSCINT.P

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72	14.231	2012	2022	2027	rBV	847738	1487640	1.06%	0.398%
73	14.280	2027	2030	2035	rVB	118332	166795	0.12%	0.045%
74	14.341	2035	2040	2044	rBV3	140107	278773	0.20%	0.075%
75	14.383	2044	2047	2049	rBV3	85107	113314	0.08%	0.030%
76	14.420	2049	2053	2055	rVV	364355	511715	0.36%	0.137%
77	14.457	2055	2059	2063	rVV	931898	1375715	0.98%	0.368%
78	14.499	2063	2066	2070	rVV	538445	764164	0.54%	0.205%
79	14.554	2070	2075	2080	rVB3	805775	1407892	1.00%	0.377%
80	14.639	2086	2089	2093	rVB	129445	162517	0.12%	0.044%
81	14.719	2093	2102	2108	rBV3	1942022	3579507	2.55%	0.958%
82	14.792	2108	2114	2119	rBV2	2419229	4842167	3.45%	1.297%
83	14.865	2119	2126	2134	rVB5	1208197	3385529	2.41%	0.907%
84	14.950	2134	2140	2147	rVB	3634749	6044993	4.31%	1.619%
85	15.060	2150	2158	2162	rBV4	1078537	2395311	1.71%	0.641%
86	15.109	2163	2166	2171	rVB4	829610	1420582	1.01%	0.380%
87	15.176	2171	2177	2183	rBV3	1374437	3341694	2.38%	0.895%
88	15.316	2195	2200	2203	rBV4	1745967	3383638	2.41%	0.906%
89	15.365	2203	2208	2215	rVB	13153207	23331463	16.62%	6.247%
90	15.469	2220	2225	2229	rBV2	1150894	1906898	1.36%	0.511%
91	15.554	2230	2239	2247	rVB2	3965060	7825804	5.57%	2.096%
92	15.658	2248	2256	2260	rBV3	1602482	3768717	2.68%	1.009%
93	15.719	2261	2266	2274	rVB5	1208958	3149640	2.24%	0.843%
94	15.847	2278	2287	2292	rBV2	1916411	4837424	3.45%	1.295%
95	15.962	2299	2306	2312	rBV3	2393026	6471506	4.61%	1.733%
96	16.170	2332	2340	2344	rBV6	710171	1876451	1.34%	0.502%
97	16.285	2356	2359	2365	rVB	798007	1345855	0.96%	0.360%
98	16.377	2365	2374	2377	rBV4	1623071	4044385	2.88%	1.083%
99	16.444	2377	2385	2399	rVB2	57355431	140407683	100.00%	37.597%
100	16.651	2409	2419	2429	rVB2	45717874	110445010	78.66%	29.574%

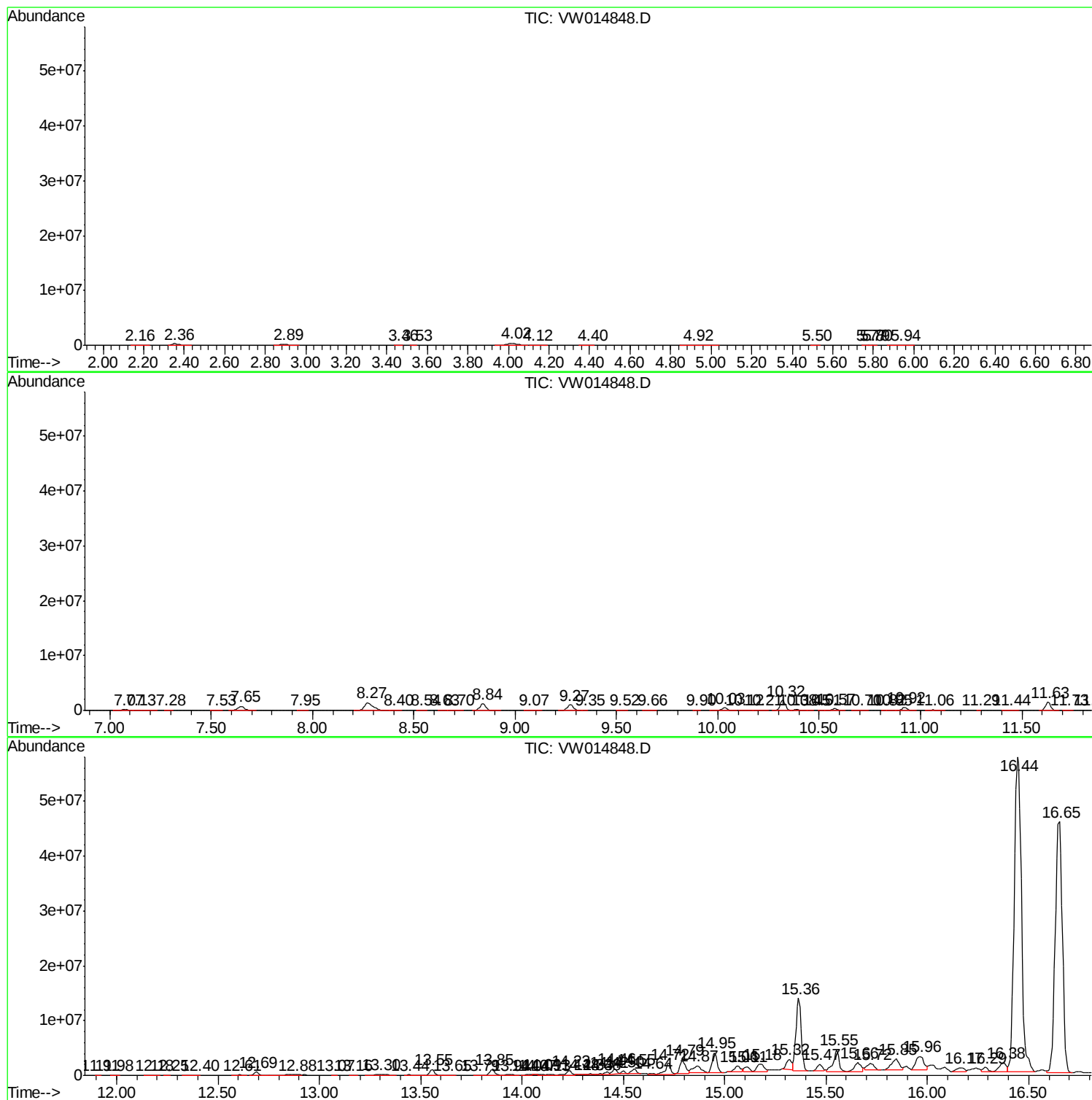
Sum of corrected areas: 373455950

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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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ALS Vial : 1 Sample Multiplier: 1

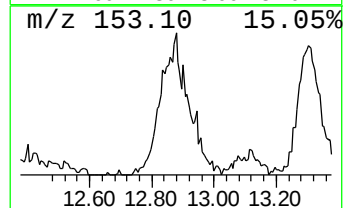
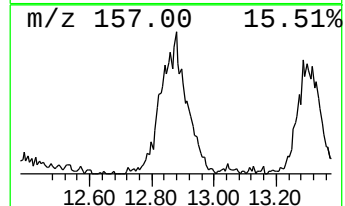
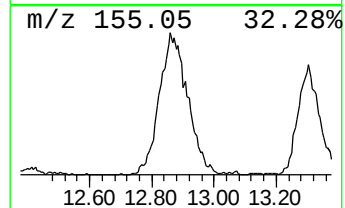
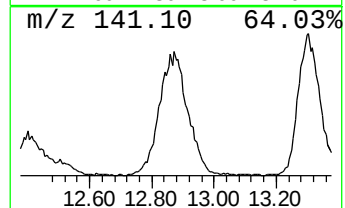
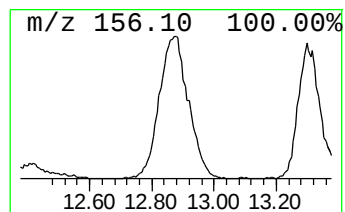
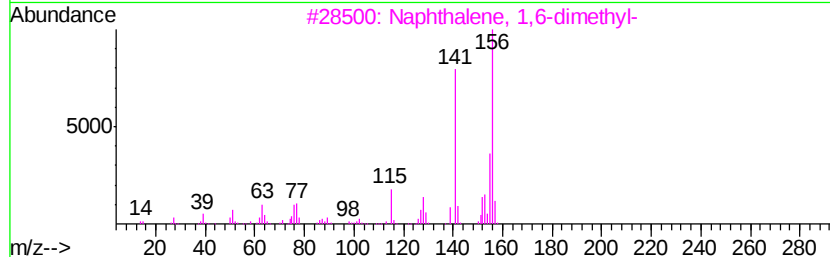
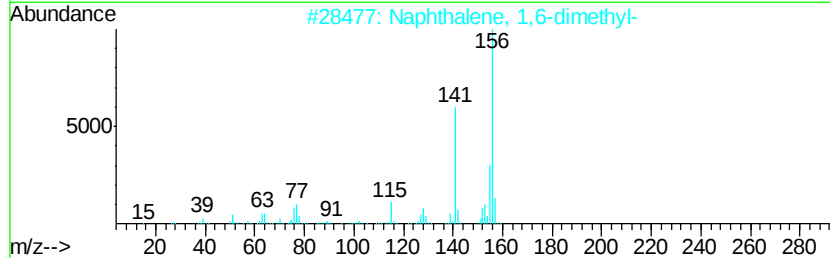
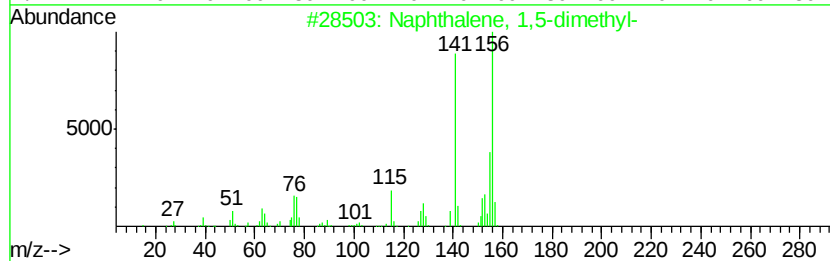
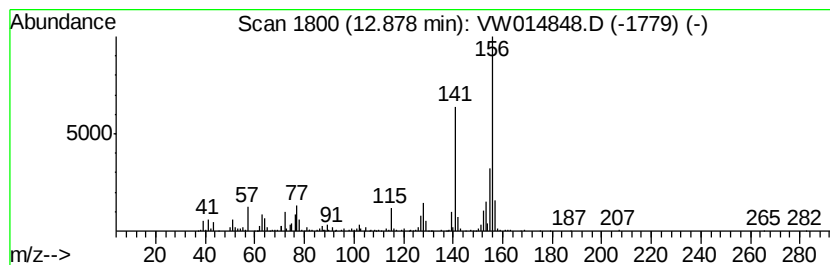
Instrument :
MSVOA_W
ClientSampleId :
GAT47

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 6 Naphthalene, 1,5-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	9.84 ug/L	639646	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 98
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 96
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96



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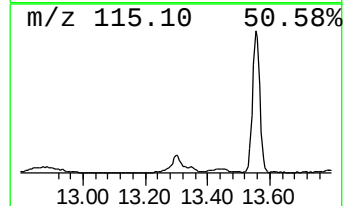
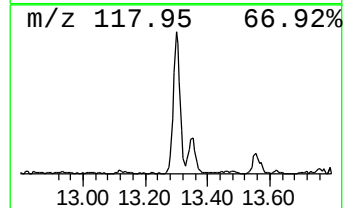
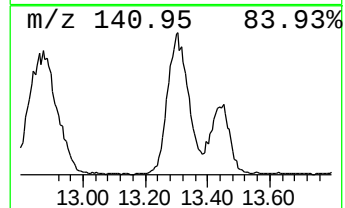
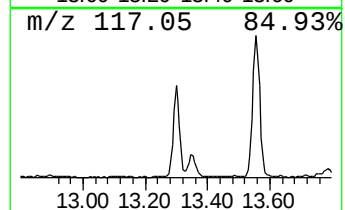
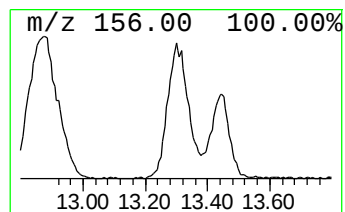
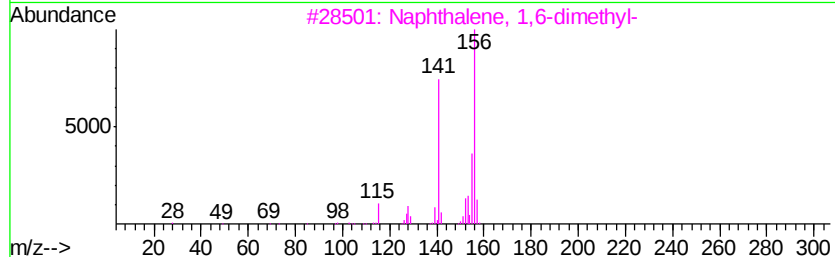
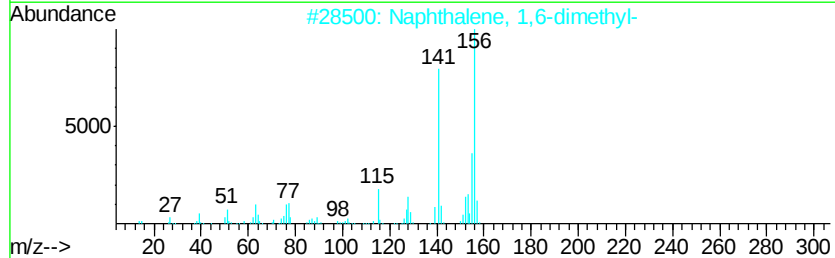
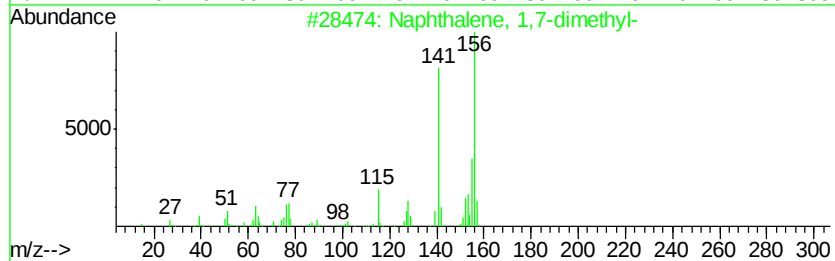
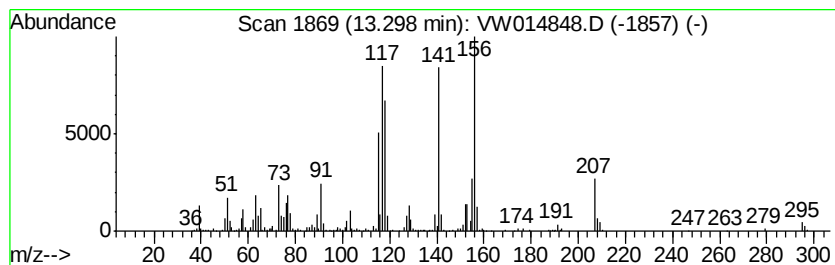
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 7 Naphthalene, 1,7-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	10.66 ug/L	692825	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94



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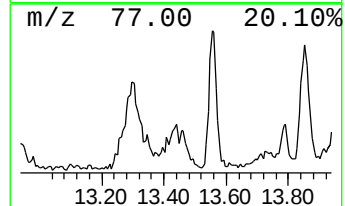
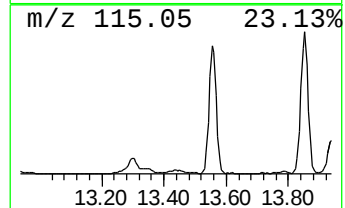
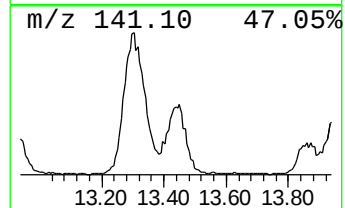
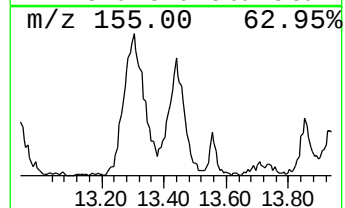
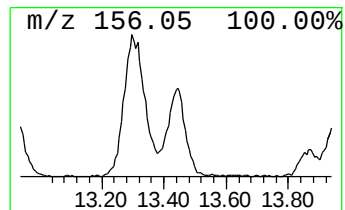
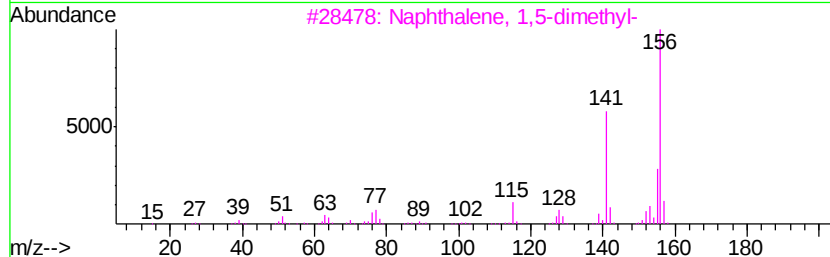
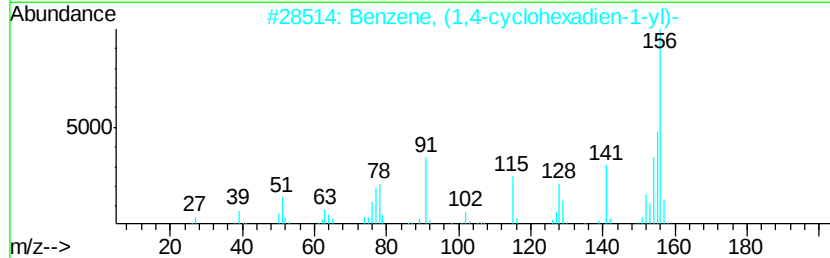
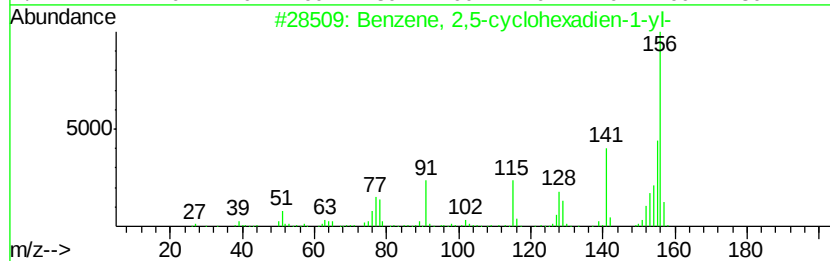
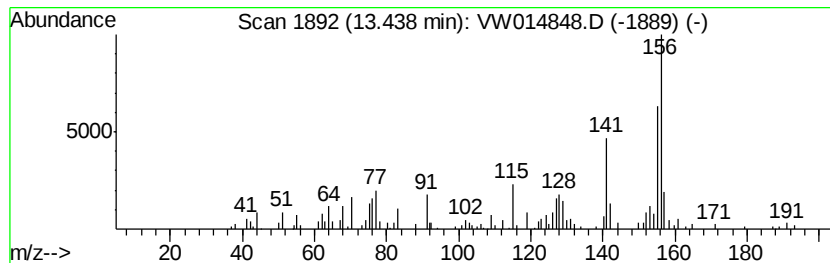
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 2,5-cyclohexadien-... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.44	2.88 ug/L	186873	1,4-Dichlorobenzene-d4		13.56	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2,5-cvclohexadien-1-yl-	156	C12H12	004794-05-2	72
2		Benzene, (1,4-cvclohexadien-1-yl)-	156	C12H12	013703-52-1	68
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	64
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	64
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014848.D
Acq On : 03 Feb 2020 21:20
Operator : SY/VA
Sample : L1323-09
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT47

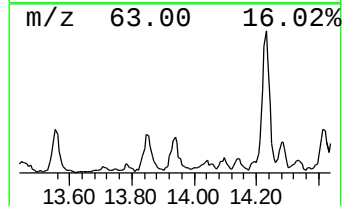
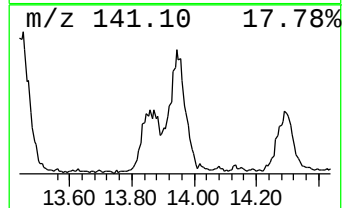
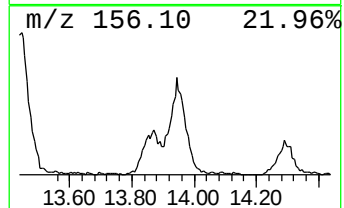
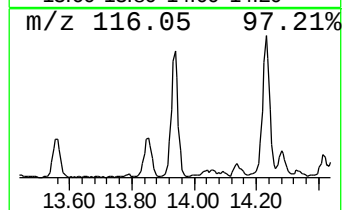
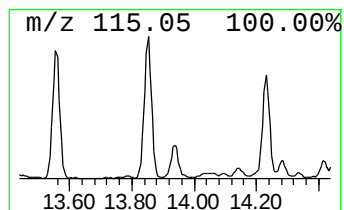
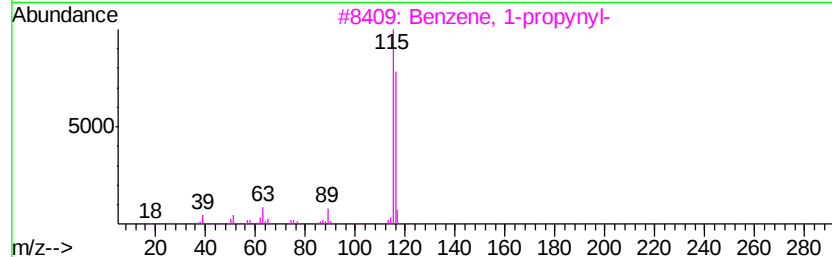
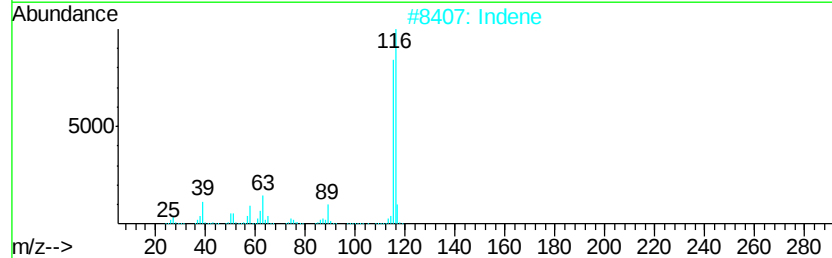
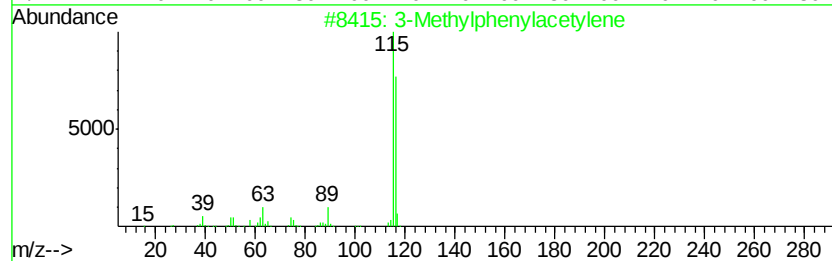
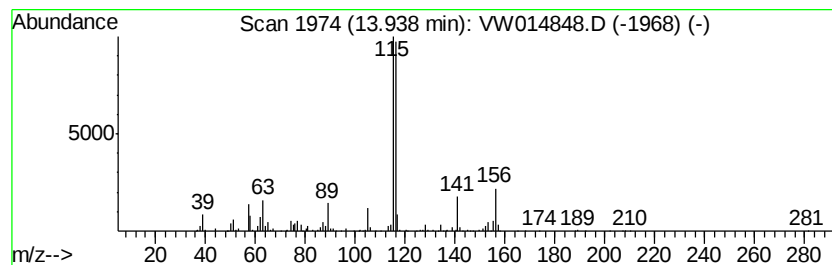
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Quant Title : VOC Analysis

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

Peak Number 9 3-Methylphenylacetylene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	3.06 ug/L	198659	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methylphenylacetylene	116	C9H8	000766-82-5	93
2		Indene	116	C9H8	000095-13-6	89
3		Benzene, 1-propynyl-	116	C9H8	000673-32-5	81
4		2-Methylphenylacetylene	116	C9H8	000766-47-2	81
5		Indene	116	C9H8	000095-13-6	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014848.D
Acq On : 03 Feb 2020 21:20
Operator : SY/VA
Sample : L1323-09
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

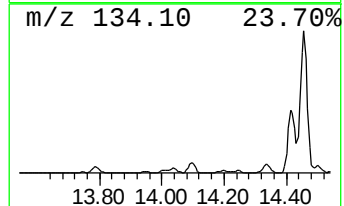
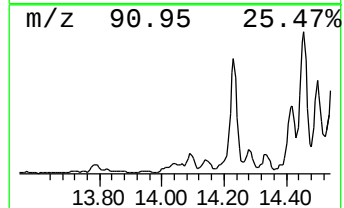
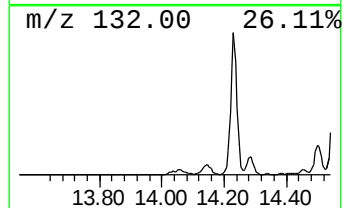
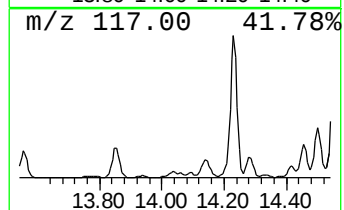
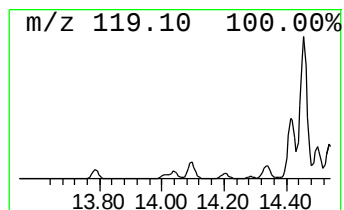
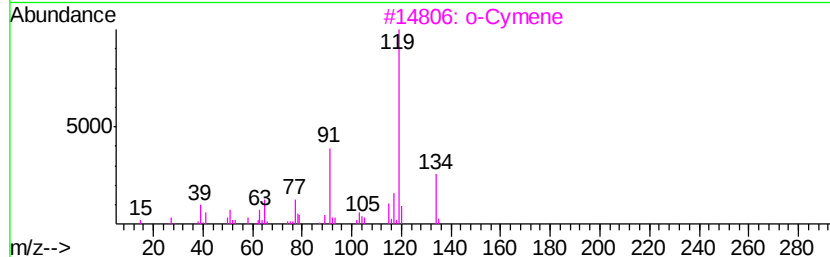
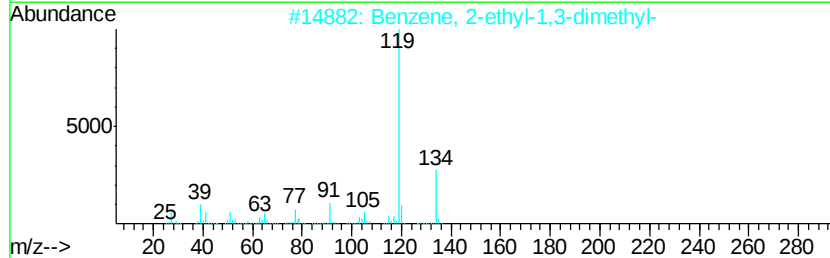
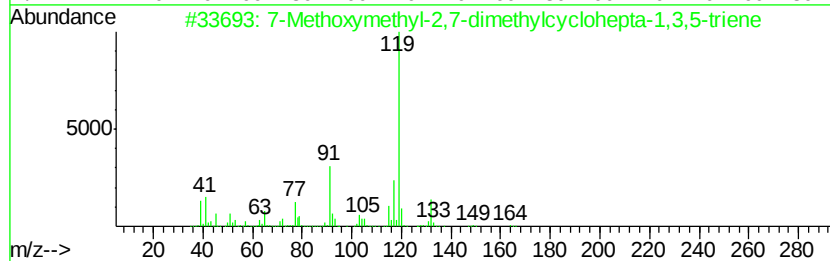
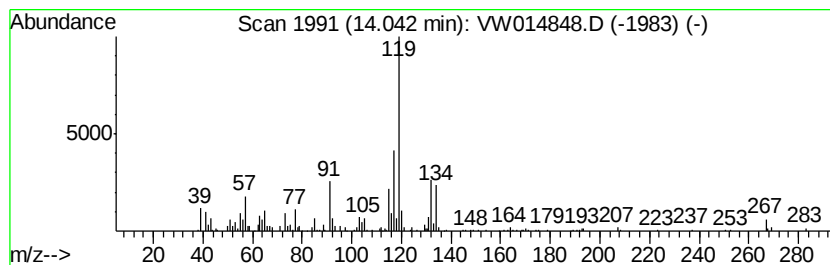
Instrument :
MSVOA_W
ClientSampled :
GAT47

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 10 unknown-01 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.04	2.11 ug/L	136836	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methoxymethyl-2,7-dimethylcyclo...	164	C11H16O	073992-48-0	49
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	46
3	o-Cymene	134	C10H14	000527-84-4	46
4	o-Cymene	134	C10H14	000527-84-4	46
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014848.D
Acq On : 03 Feb 2020 21:20
Operator : SY/VA
Sample : L1323-09
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAT47

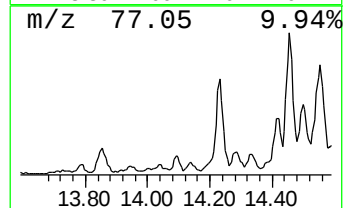
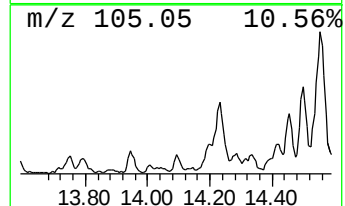
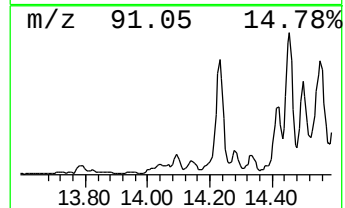
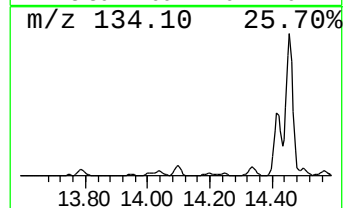
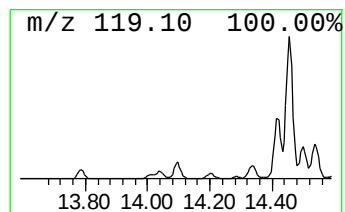
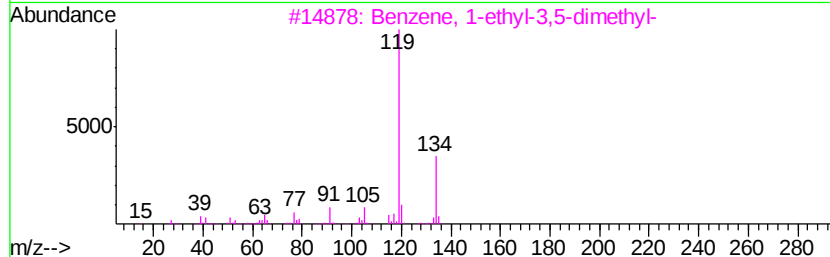
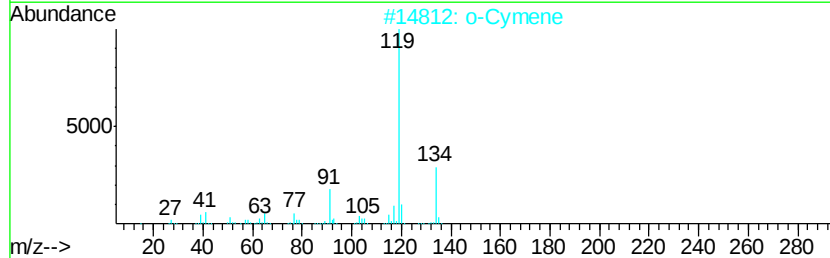
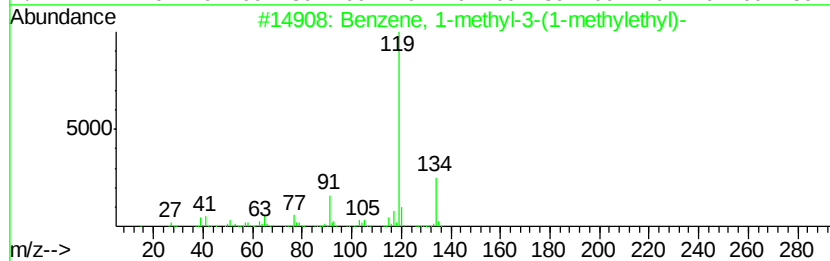
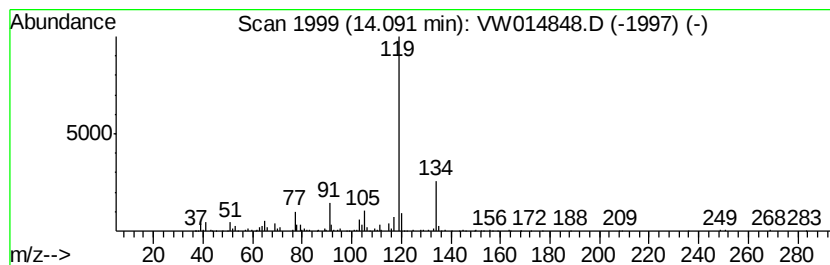
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Quant Title : VOC Analysis

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

Peak Number 11 Benzene, 1-methyl-3-(1-meth... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	1.98 ug/L	128682	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
2		o-Cymene	134	C10H14	000527-84-4	93
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014848.D
Acq On : 03 Feb 2020 21:20
Operator : SY/VA
Sample : L1323-09
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT47

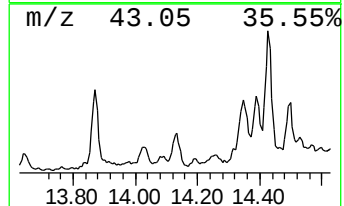
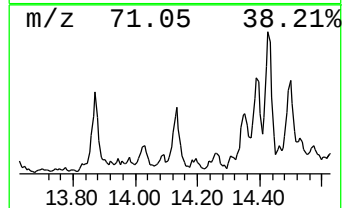
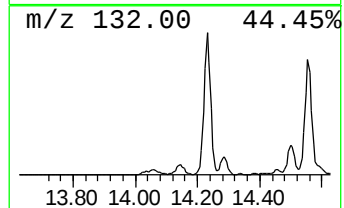
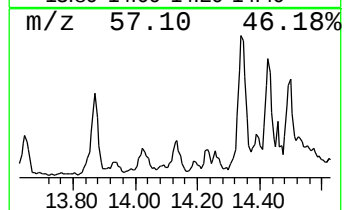
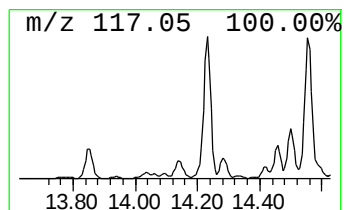
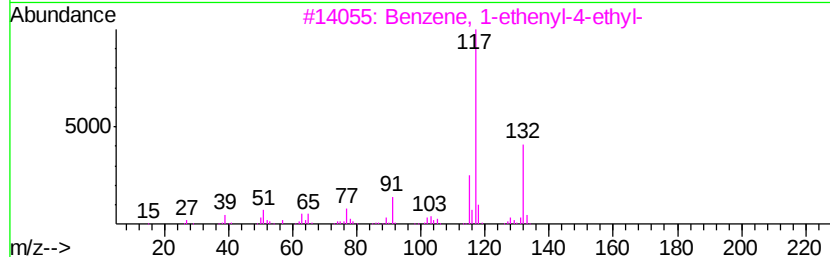
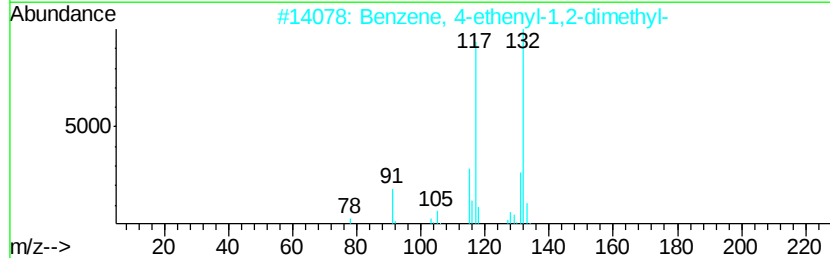
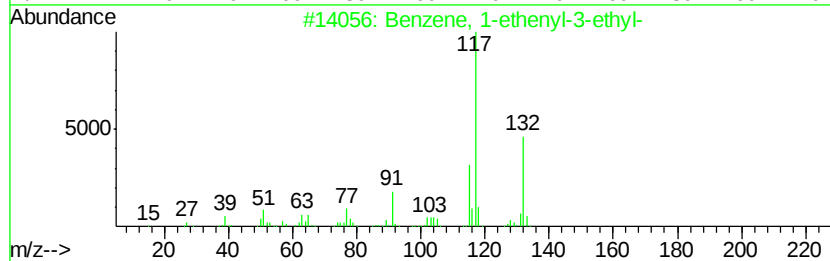
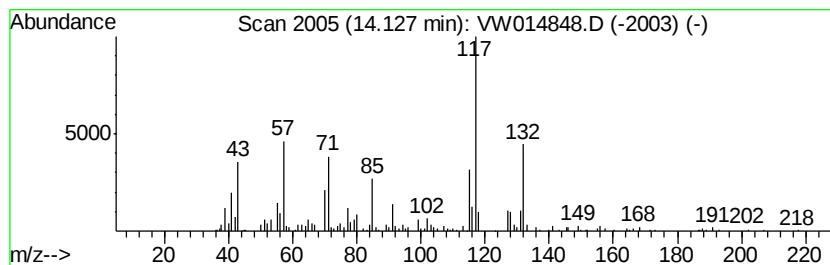
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Quant Title : VOC Analysis

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

Peak Number 12 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	2.30 ug/L	149402	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2		Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	87
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
4		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	81
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014848.D
Acq On : 03 Feb 2020 21:20
Operator : SY/VA
Sample : L1323-09
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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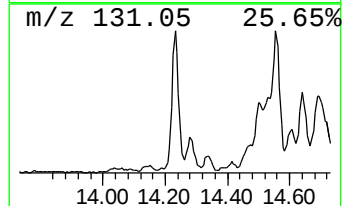
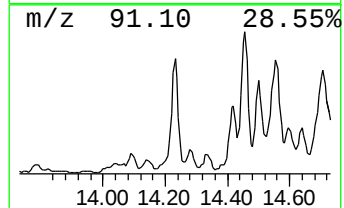
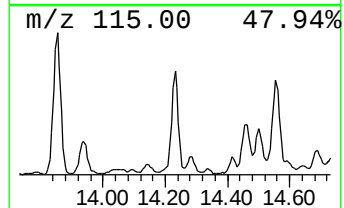
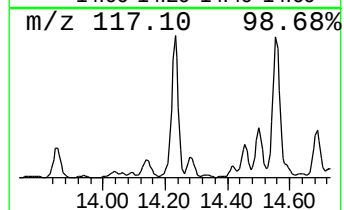
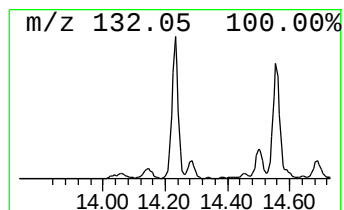
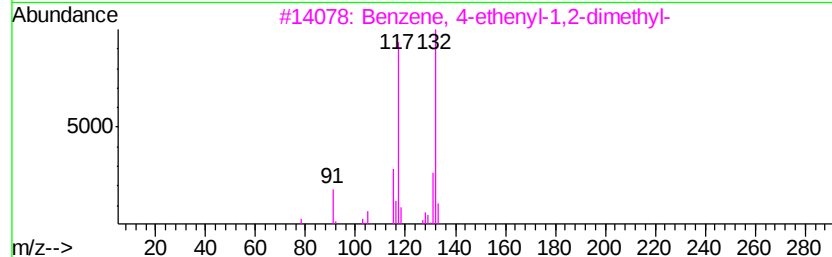
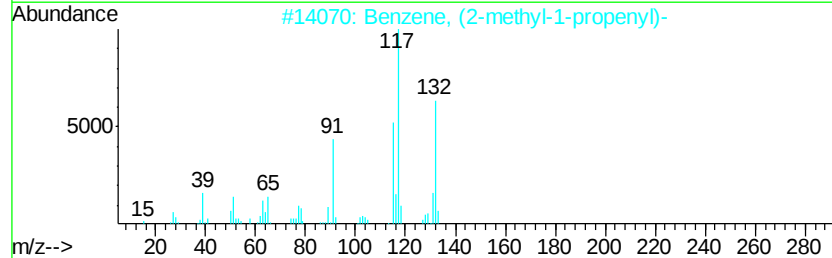
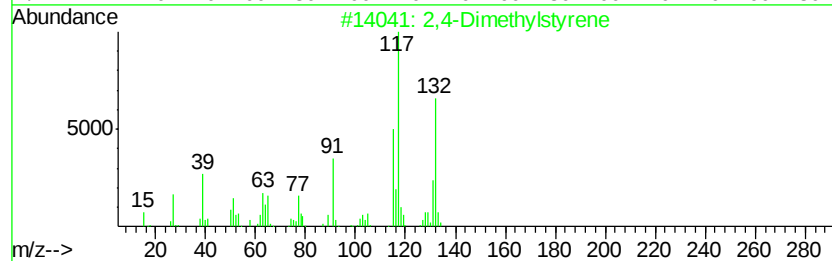
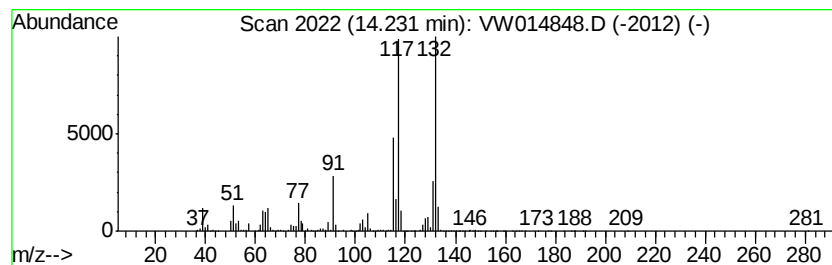
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Quant Title : VOC Analysis

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

Peak Number 13 2,4-Dimethylstyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	22.89 ug/L	1487640	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Dimethylstvrene	132	C10H12	002234-20-0	97
2		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
3		Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	95
4		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014848.D
Acq On : 03 Feb 2020 21:20
Operator : SY/VA
Sample : L1323-09
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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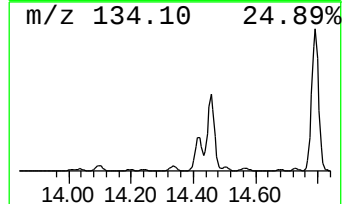
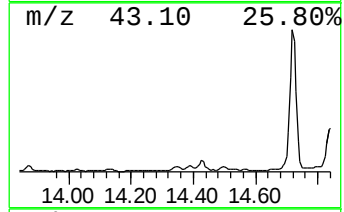
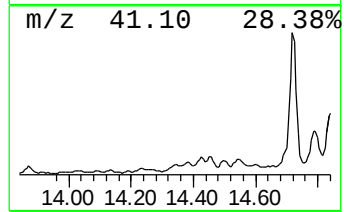
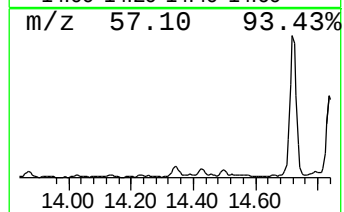
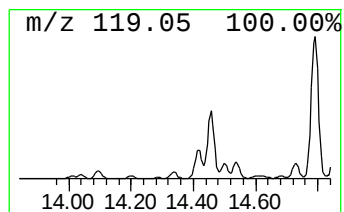
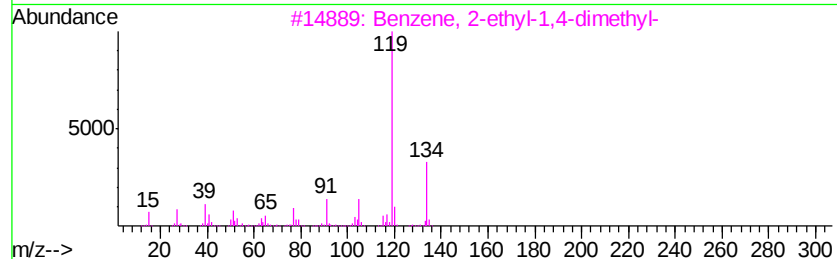
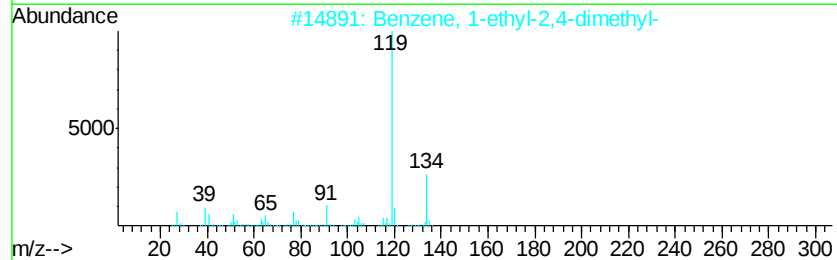
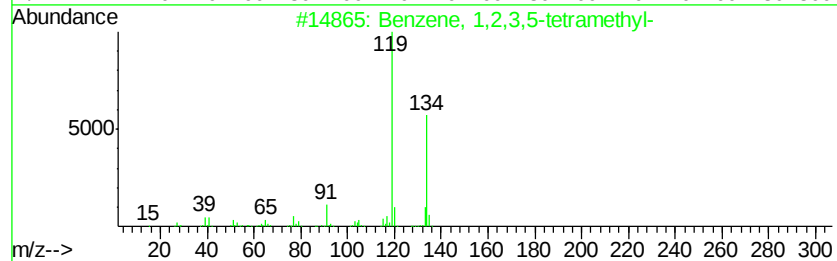
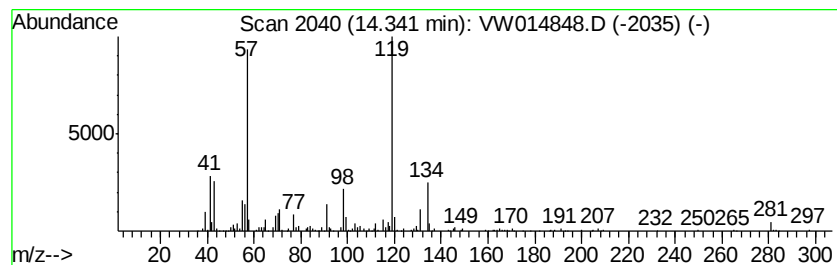
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Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	4.29 ug/L	278773	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014848.D
Acq On : 03 Feb 2020 21:20
Operator : SY/VA
Sample : L1323-09
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

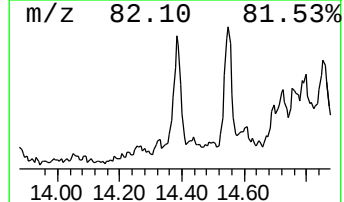
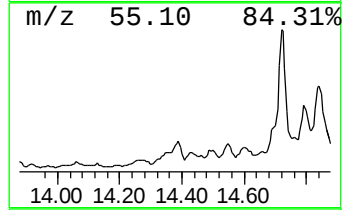
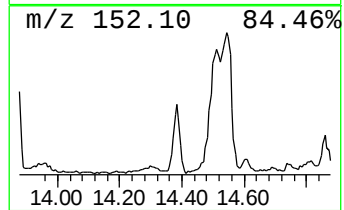
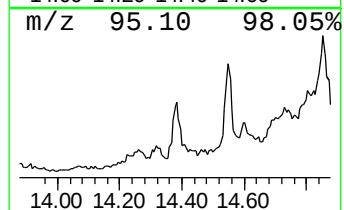
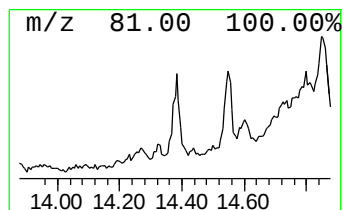
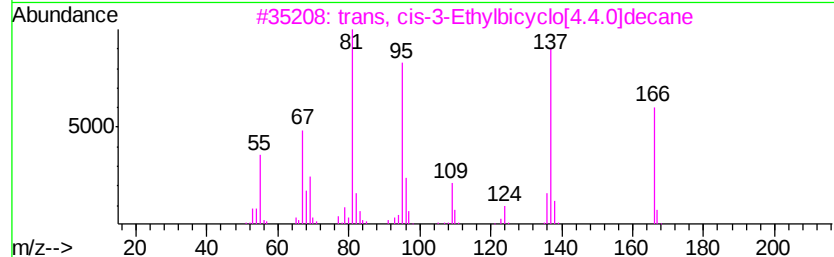
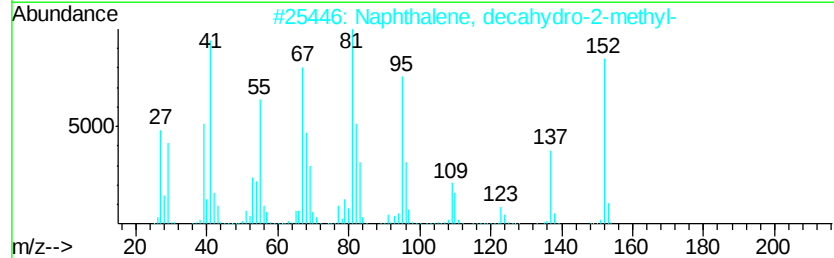
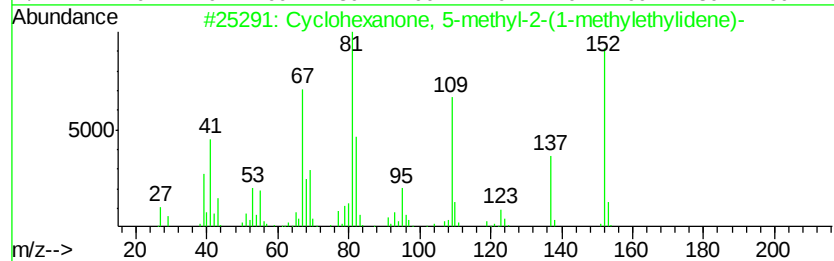
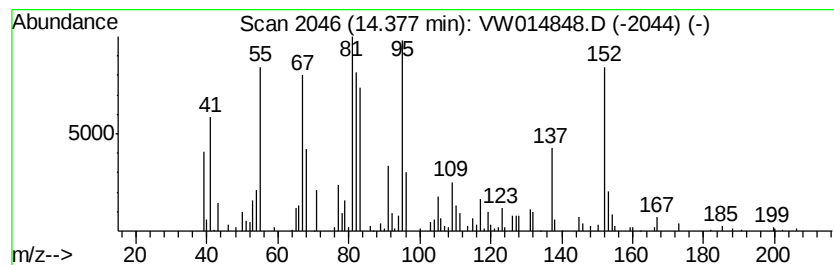
Instrument :
MSVOA_W
ClientSampleId :
GAT47

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 16 Cyclohexanone, 5-methyl-2-(... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.38	1.74 ug/L	113314	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	64
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	58
3		trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	45
4		trans, cis-2-Ethylbicyclo[4.4.0]...	166	C12H22	066660-39-7	43
5		Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014848.D
Acq On : 03 Feb 2020 21:20
Operator : SY/VA
Sample : L1323-09
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT47

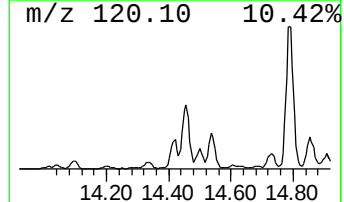
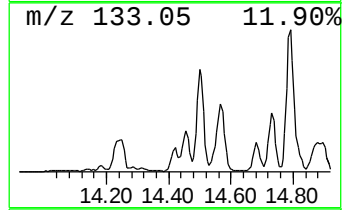
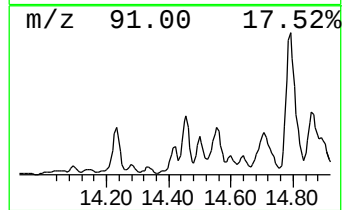
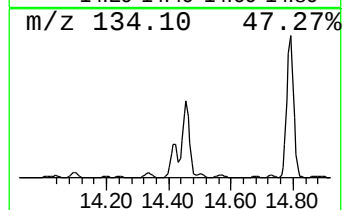
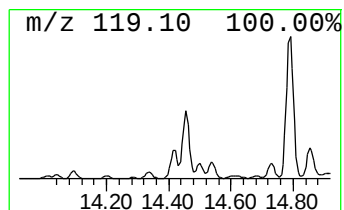
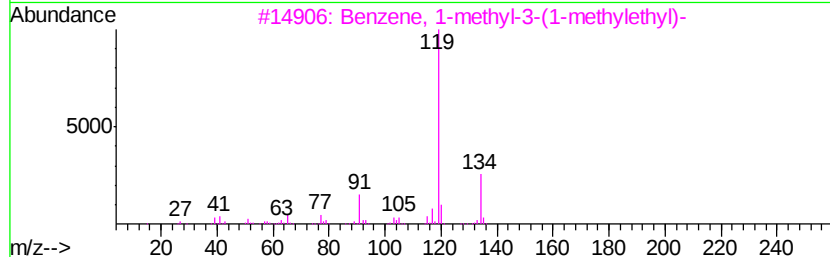
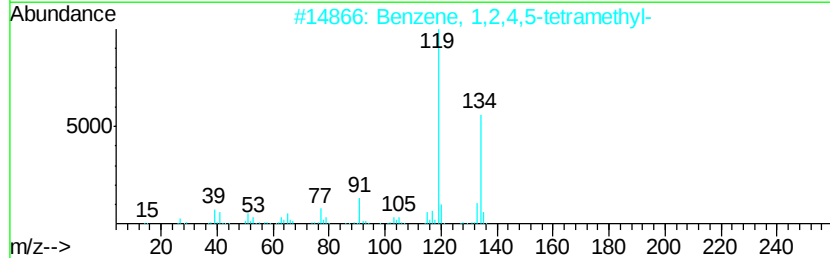
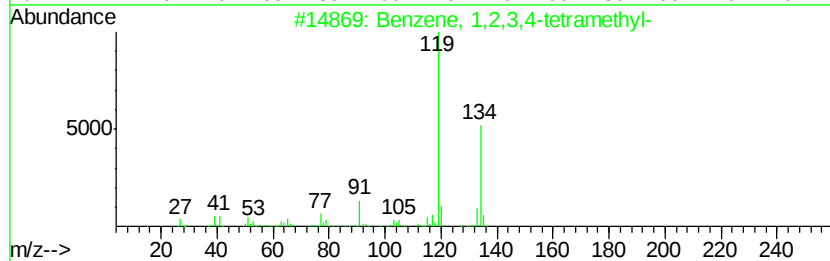
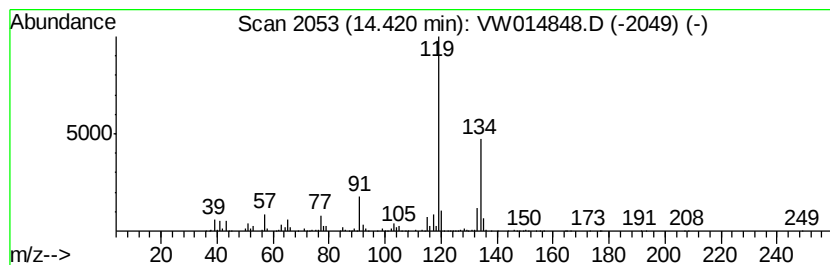
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Quant Title : VOC Analysis

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

Peak Number 17 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	7.88 ug/L	511715	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014848.D
Acq On : 03 Feb 2020 21:20
Operator : SY/VA
Sample : L1323-09
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAT47

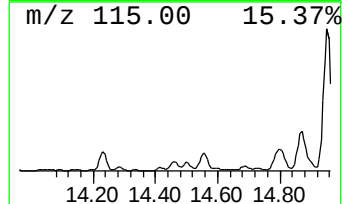
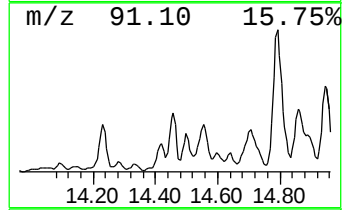
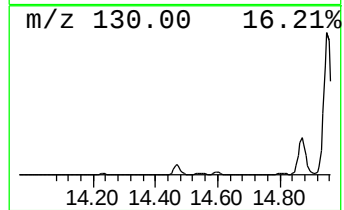
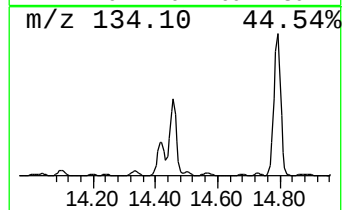
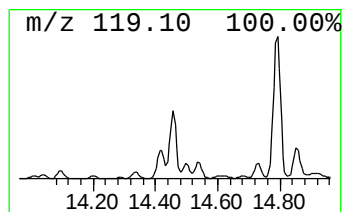
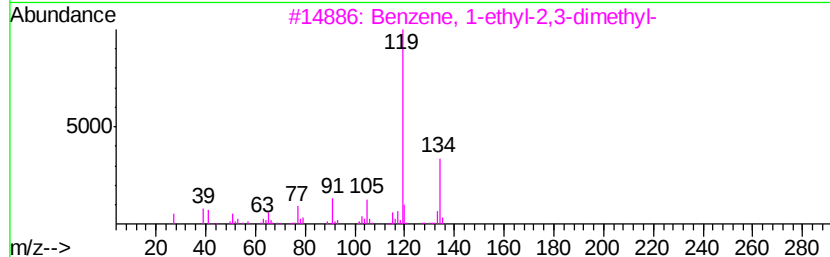
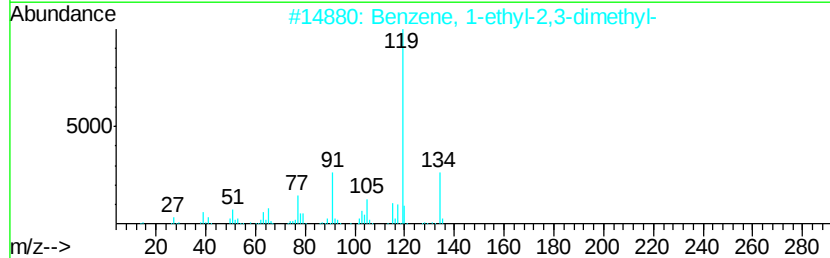
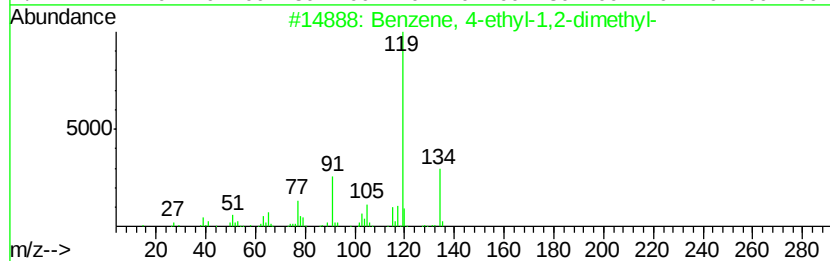
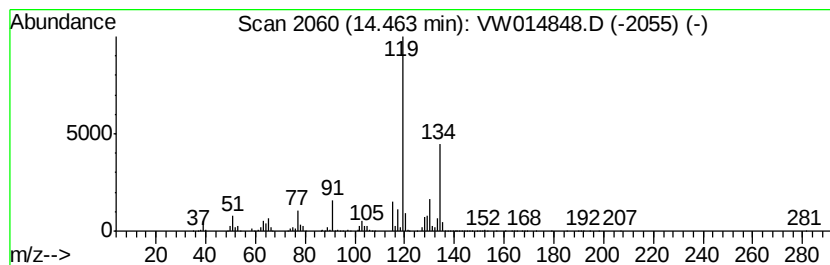
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Quant Title : VOC Analysis

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

Peak Number 18 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	21.17 ug/L	1375720	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014848.D
Acq On : 03 Feb 2020 21:20
Operator : SY/VA
Sample : L1323-09
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT47

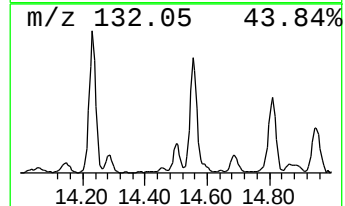
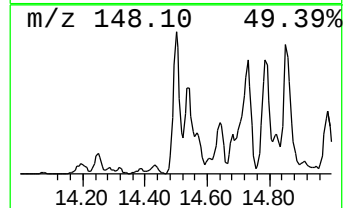
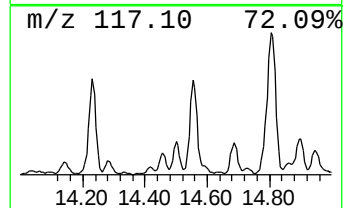
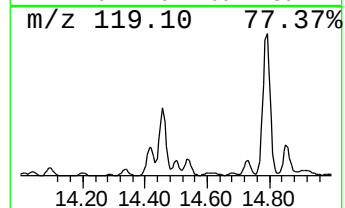
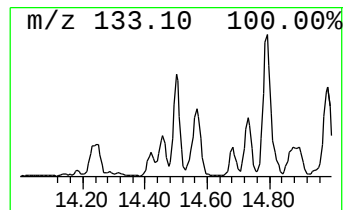
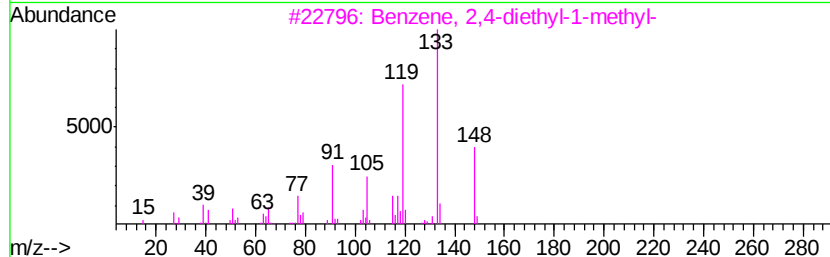
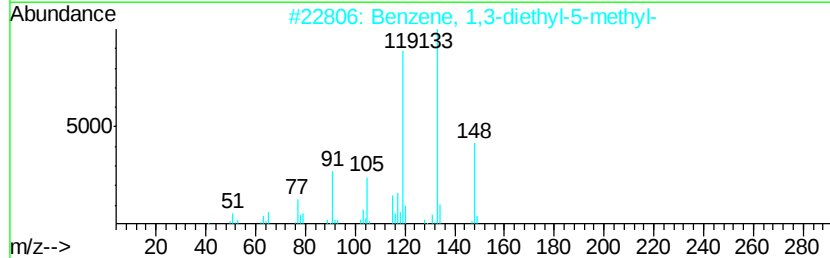
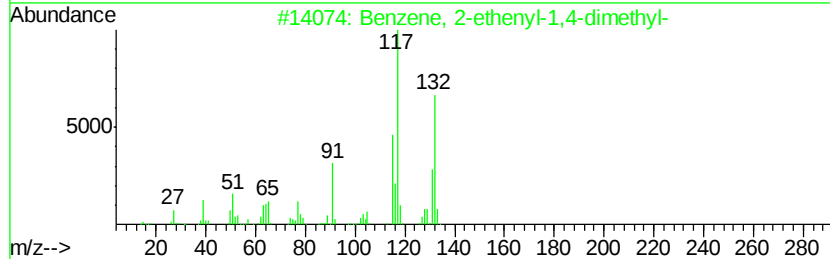
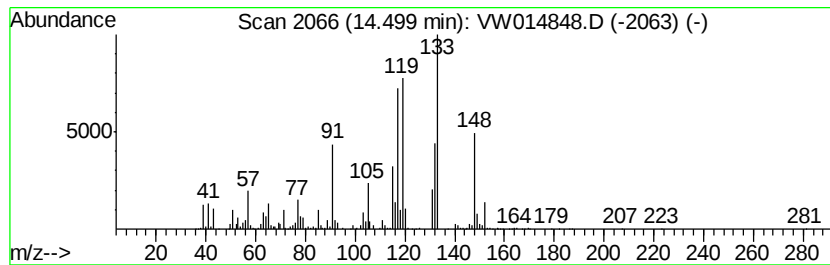
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Quant Title : VOC Analysis

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

Peak Number 19 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	11.76 ug/L	764164	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	74
2		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	70
3		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	70
4		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	64
5		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014848.D
Acq On : 03 Feb 2020 21:20
Operator : SY/VA
Sample : L1323-09
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT47

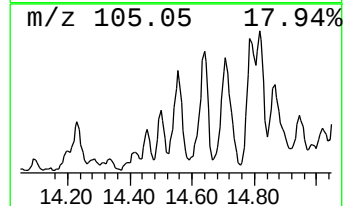
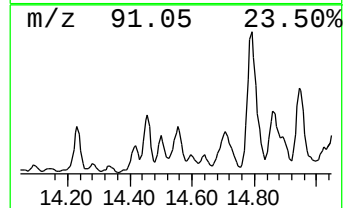
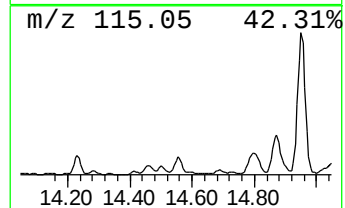
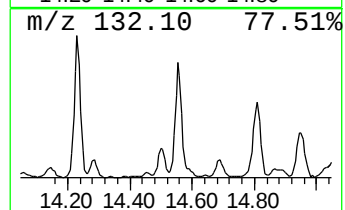
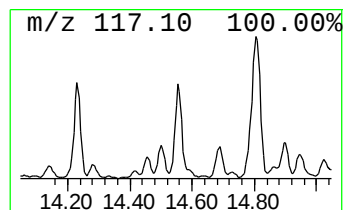
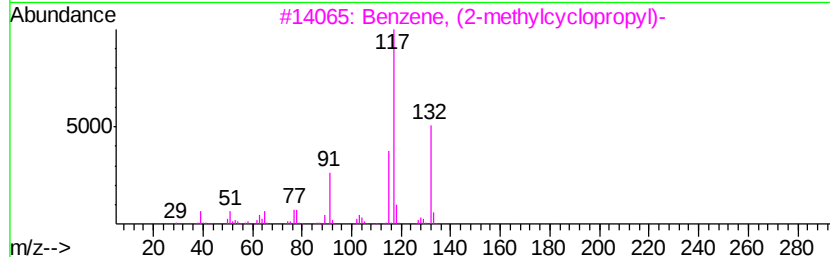
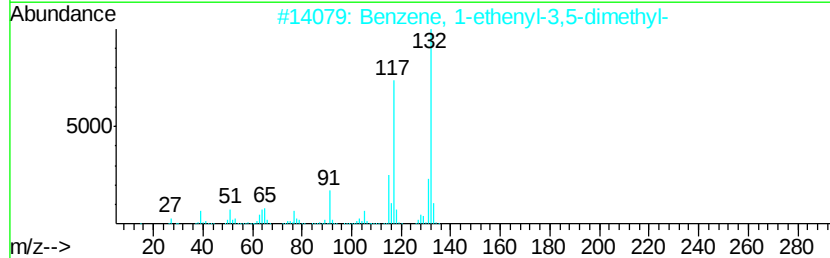
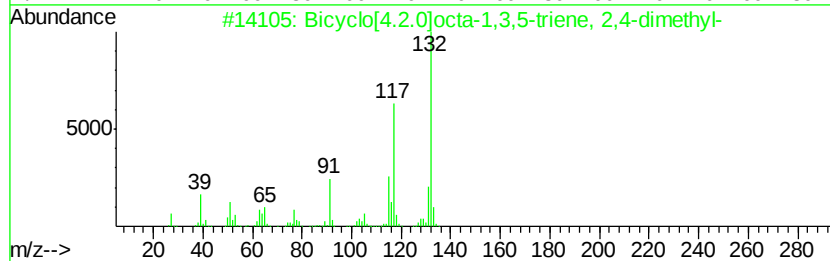
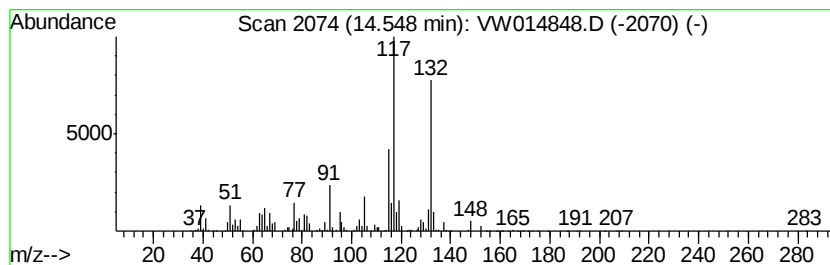
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Quant Title : VOC Analysis

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

Peak Number 20 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	21.67 ug/L	1407890	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	95
2		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94
3		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	93
4		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	93
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
 Data File : VW014848.D
 Acq On : 03 Feb 2020 21:20
 Operator : SY/VA
 Sample : L1323-09
 Misc : 5.01G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT47

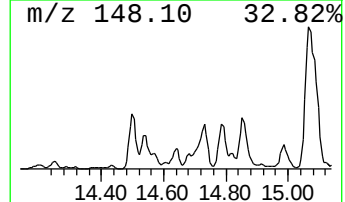
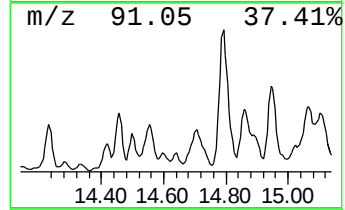
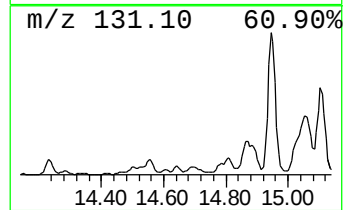
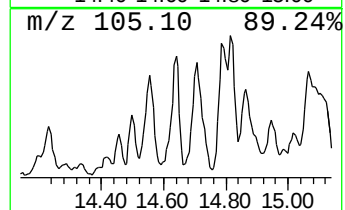
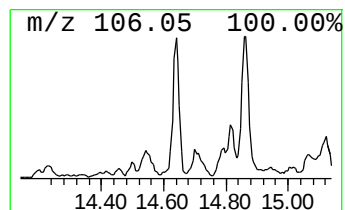
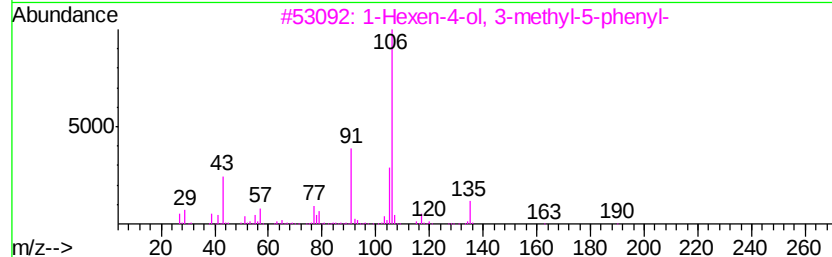
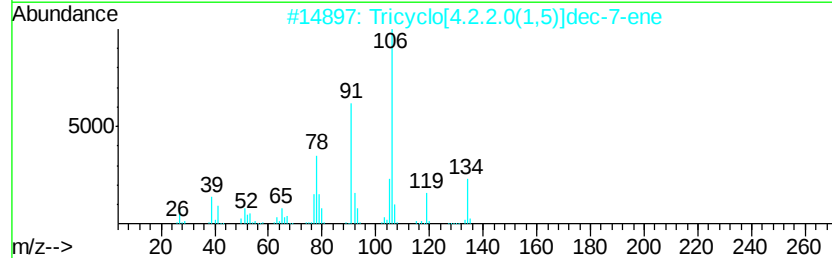
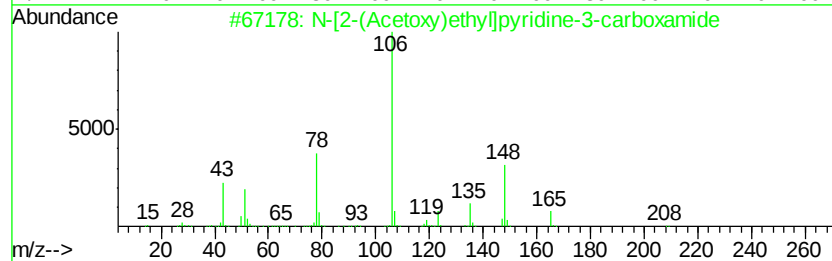
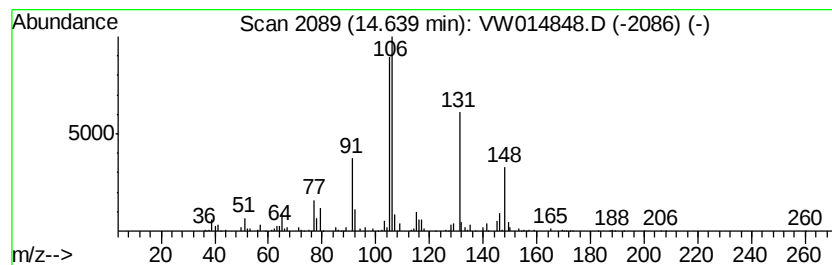
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
 Quant Title : VOC Analysis

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

 Peak Number 21 unknown-02 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	2.50 ug/L	162517	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N-[2-(Acetoxv)ethyl]pyridine-3-c...	208	C10H12N2O3	083440-03-3	43
2		Tricyclo[4.2.2.0(1,5)]dec-7-ene	134	C10H14	1000190-45-2	38
3		1-Hexen-4-ol, 3-methyl-5-phenyl-	190	C13H18O	1000196-46-1	38
4		Benzeneethanol, 4-amino-	137	C8H11NO	000104-10-9	27
5		Benzenamine, 2-ethyl-	121	C8H11N	000578-54-1	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014848.D
Acq On : 03 Feb 2020 21:20
Operator : SY/VA
Sample : L1323-09
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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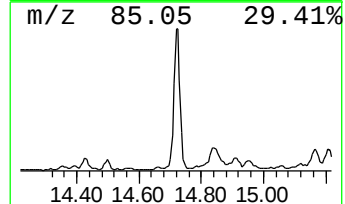
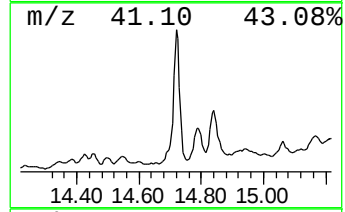
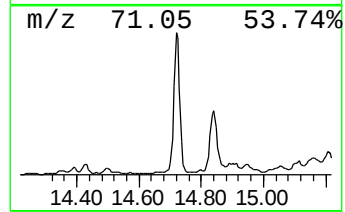
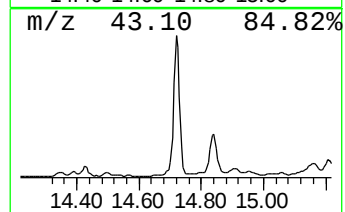
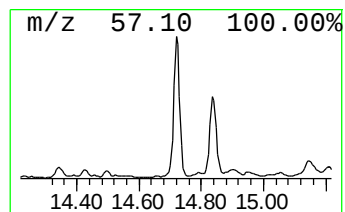
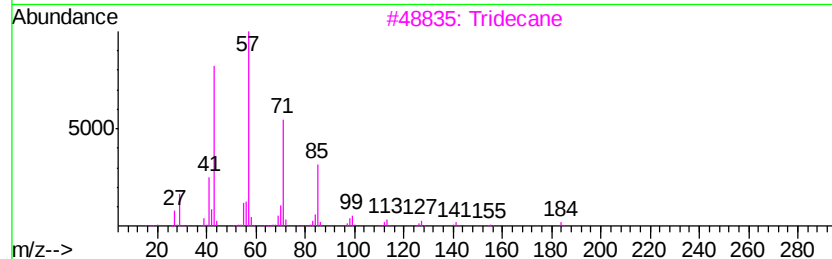
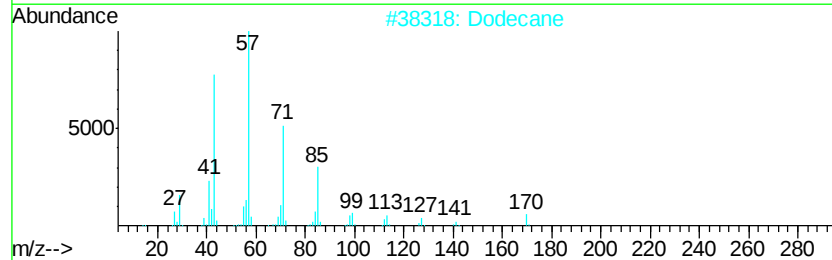
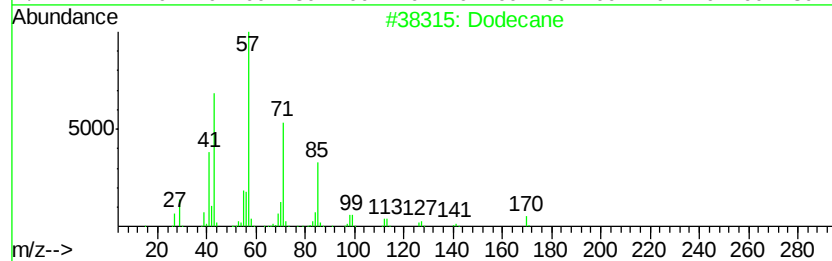
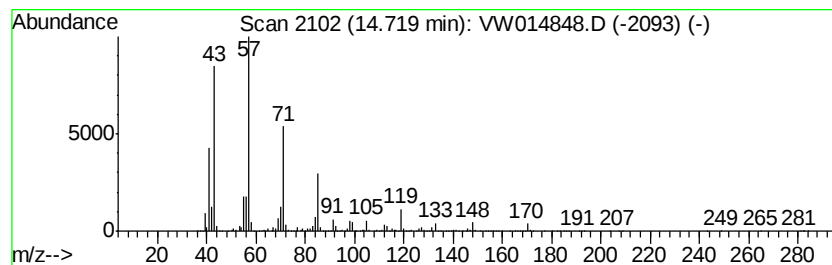
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Quant Title : VOC Analysis

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	55.09 ug/L	3579510	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	94
2		Dodecane	170	C12H26	000112-40-3	81
3		Tridecane	184	C13H28	000629-50-5	72
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
5		Tetradecane	198	C14H30	000629-59-4	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014848.D
Acq On : 03 Feb 2020 21:20
Operator : SY/VA
Sample : L1323-09
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT47

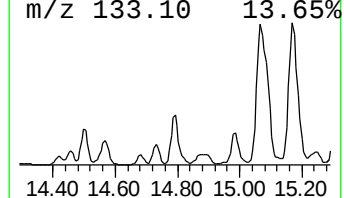
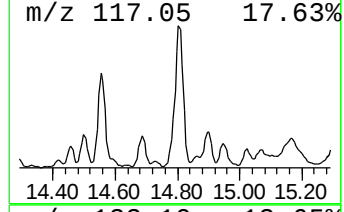
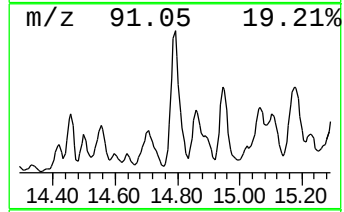
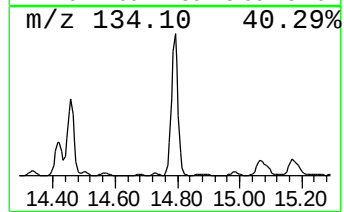
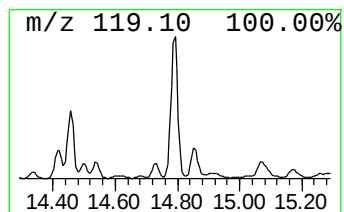
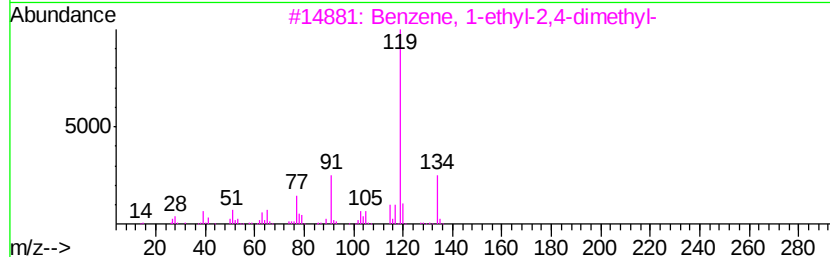
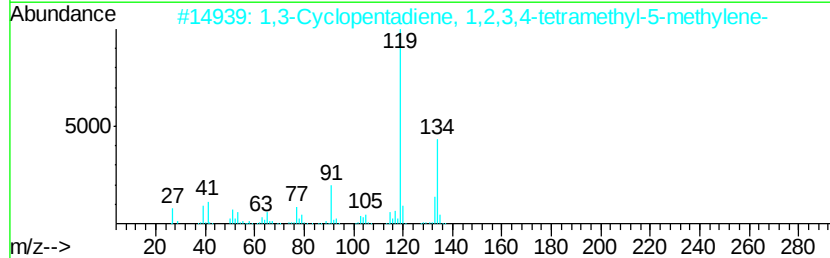
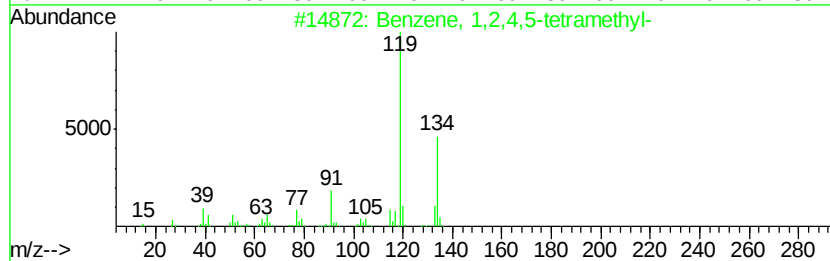
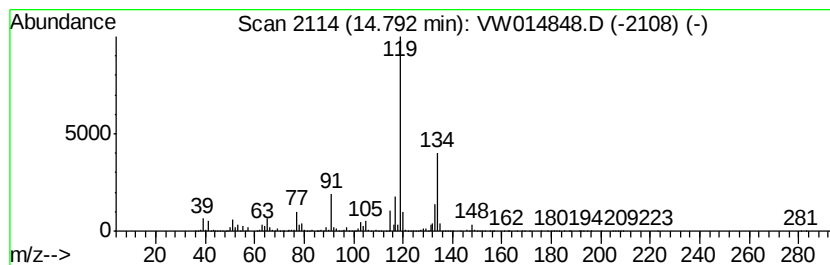
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Quant Title : VOC Analysis

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

Peak Number 23 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	74.52 ug/L	4842170	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		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014848.D
Acq On : 03 Feb 2020 21:20
Operator : SY/VA
Sample : L1323-09
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT47

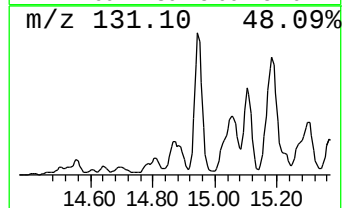
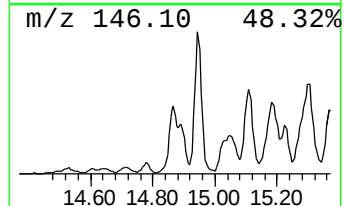
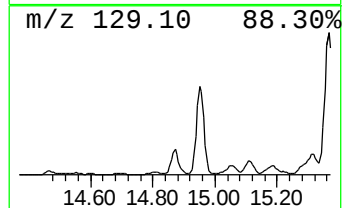
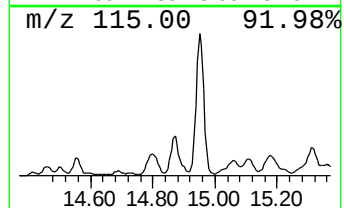
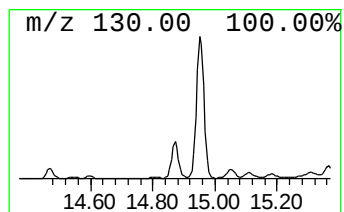
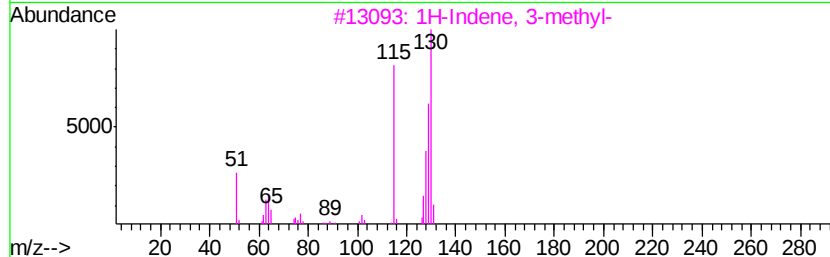
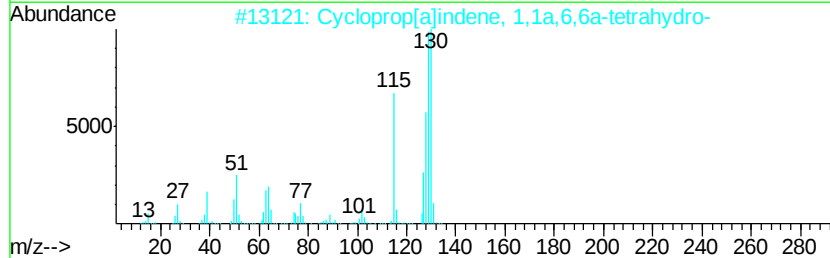
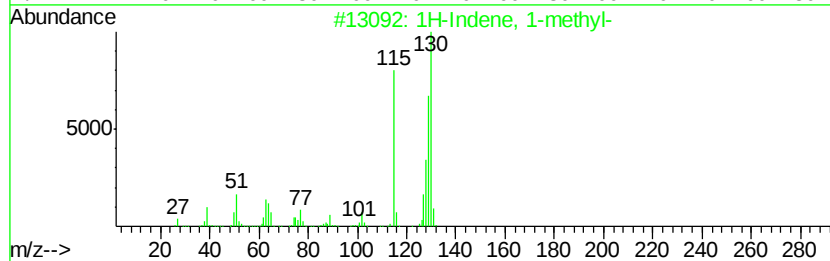
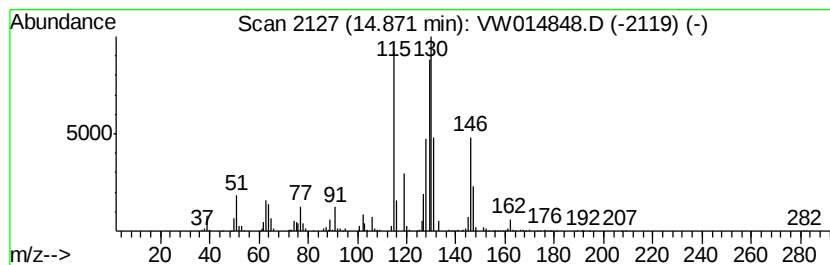
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Quant Title : VOC Analysis

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

Peak Number 24 1H-Indene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	52.10 ug/L	3385530	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	90
2		Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	83
3		1H-Indene, 3-methyl-	130	C10H10	000767-60-2	78
4		Benzene, 1-butynyl-	130	C10H10	000622-76-4	78
5		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014848.D
Acq On : 03 Feb 2020 21:20
Operator : SY/VA
Sample : L1323-09
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT47

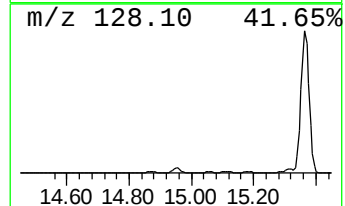
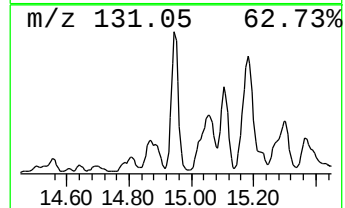
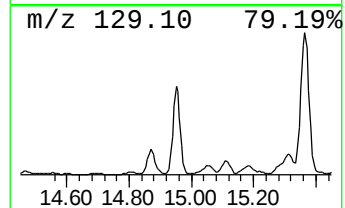
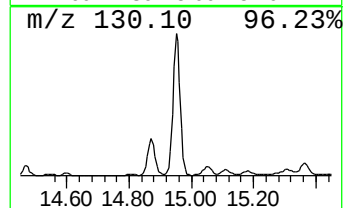
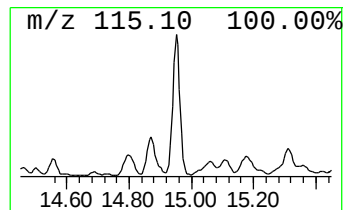
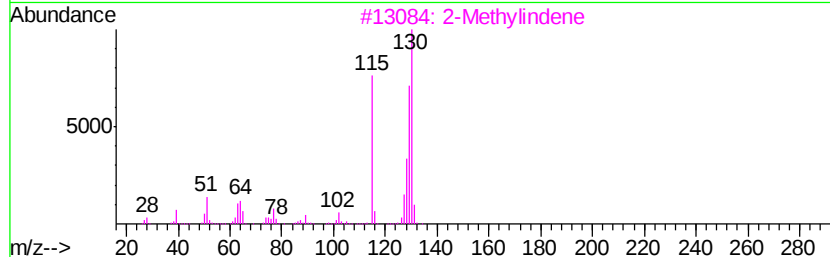
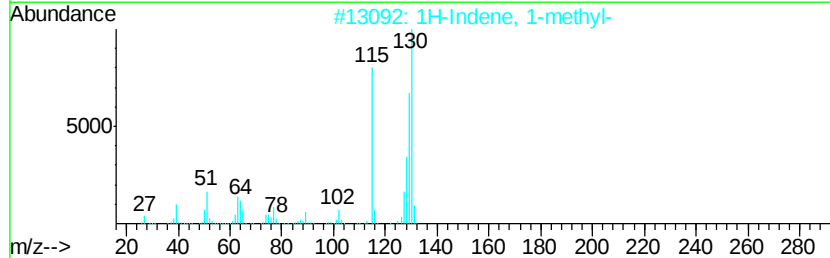
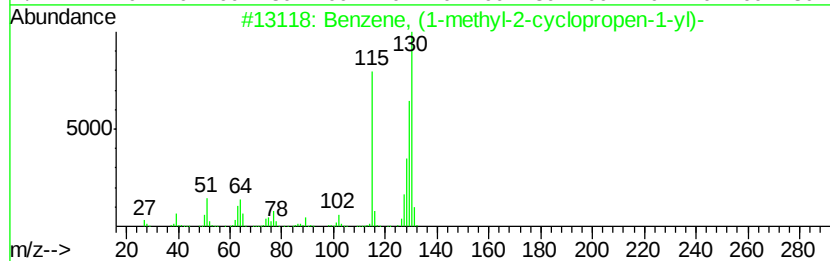
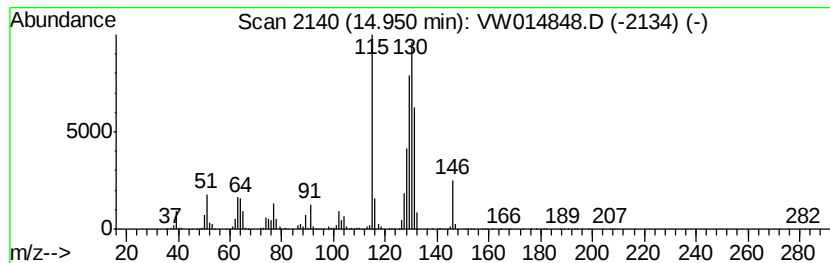
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	93.03 ug/L	6044990	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94
2		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
3		2-Methylindene	130	C10H10	002177-47-1	93
4		Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93
5		1H-Indene, 3-methyl-	130	C10H10	000767-60-2	89



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014848.D
Acq On : 03 Feb 2020 21:20
Operator : SY/VA
Sample : L1323-09
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT47

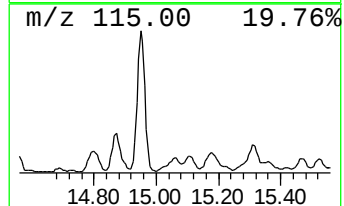
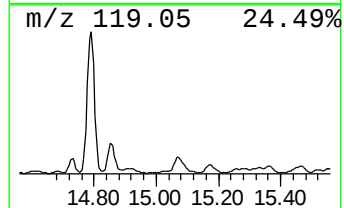
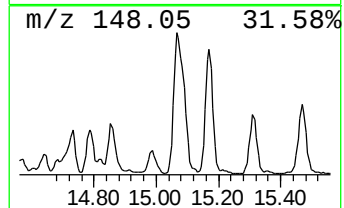
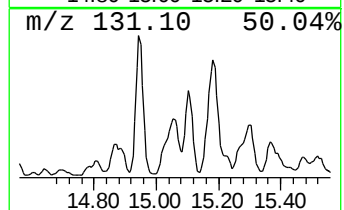
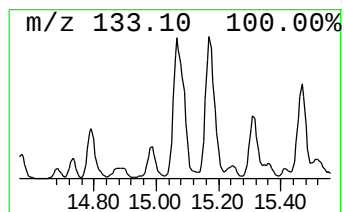
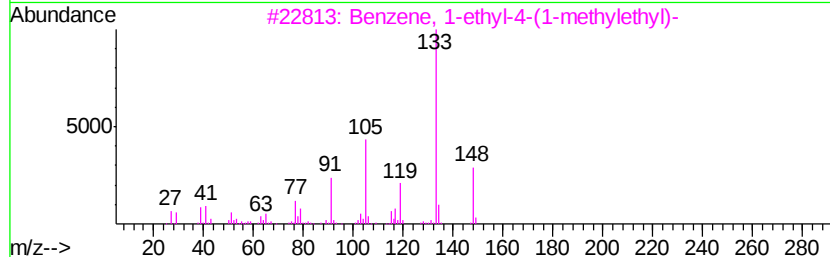
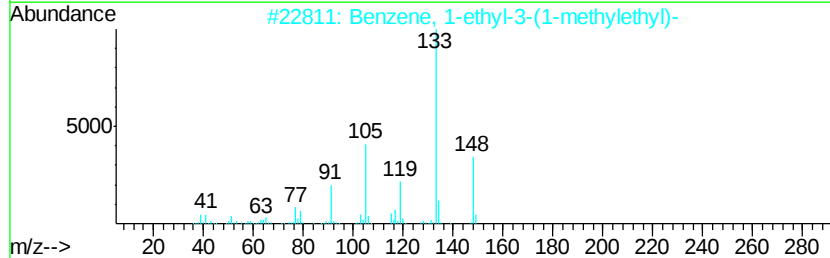
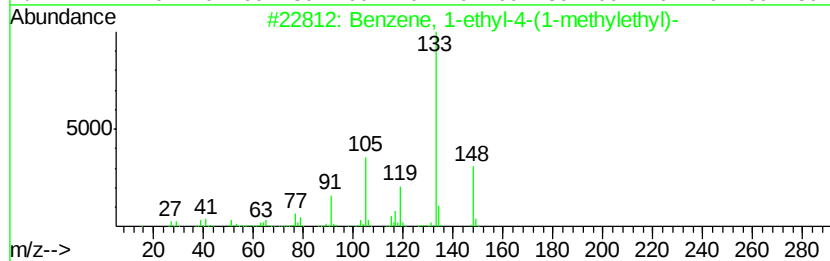
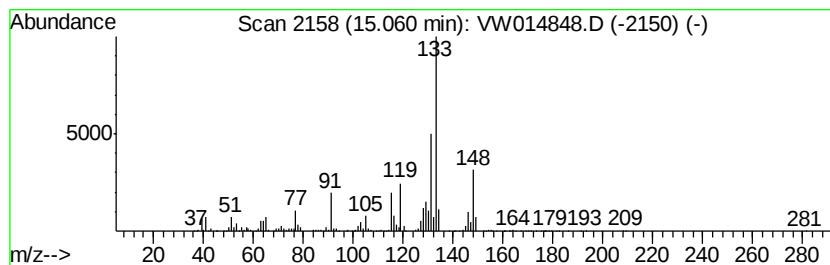
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Quant Title : VOC Analysis

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

Peak Number 26 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	36.86 ug/L	2395310	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	53
2		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	49
3		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	49
4		Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	43
5		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014848.D
Acq On : 03 Feb 2020 21:20
Operator : SY/VA
Sample : L1323-09
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT47

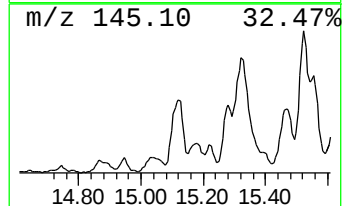
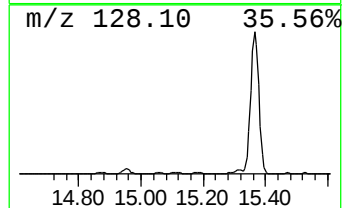
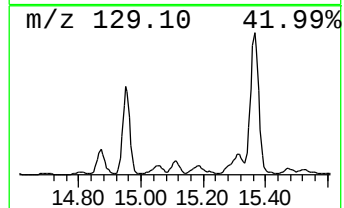
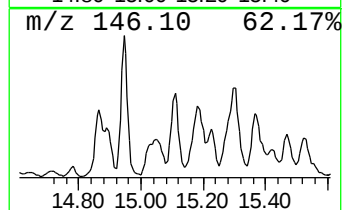
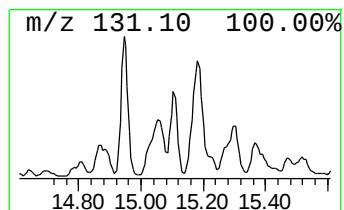
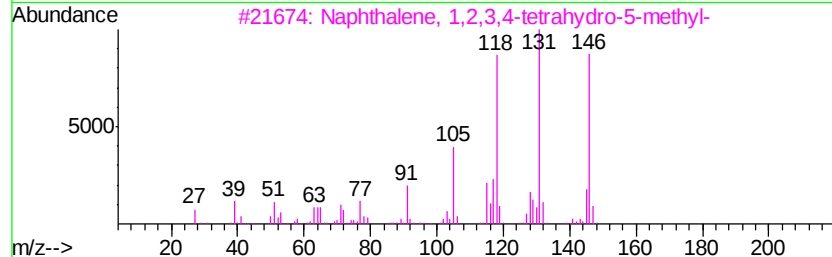
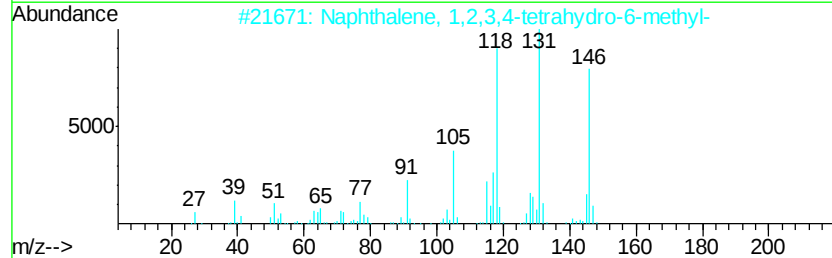
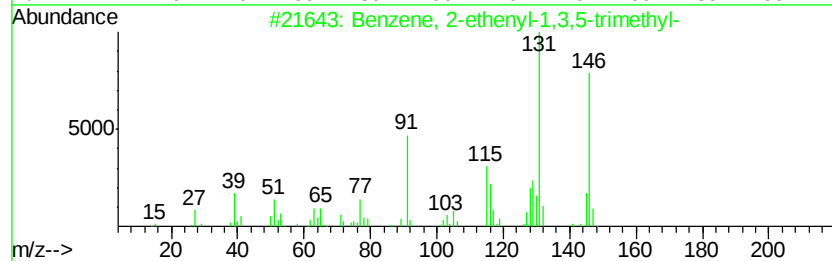
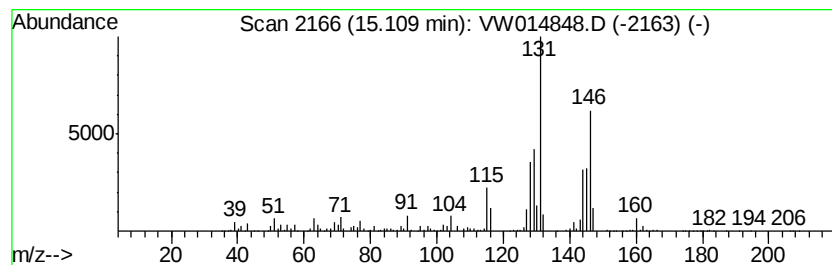
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Quant Title : VOC Analysis

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

Peak Number 27 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	21.86 ug/L	1420580	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	62
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	58
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	58
4		1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	55
5		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014848.D
Acq On : 03 Feb 2020 21:20
Operator : SY/VA
Sample : L1323-09
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT47

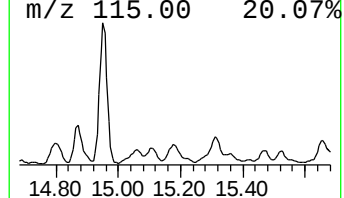
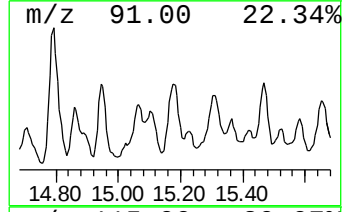
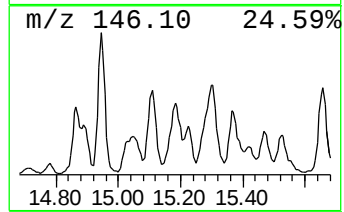
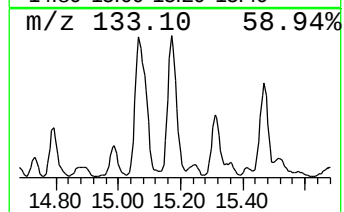
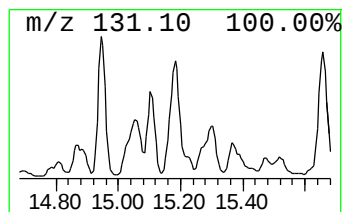
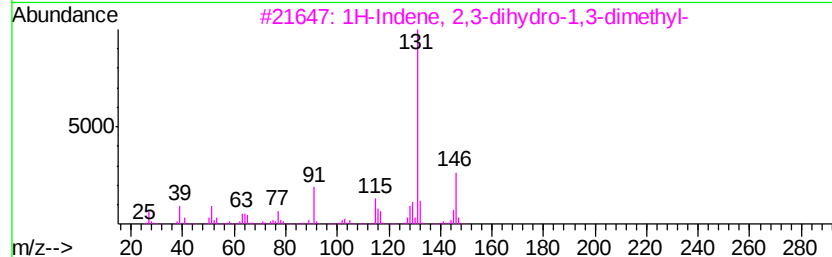
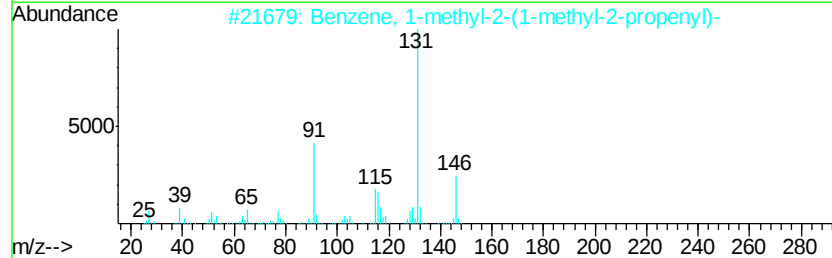
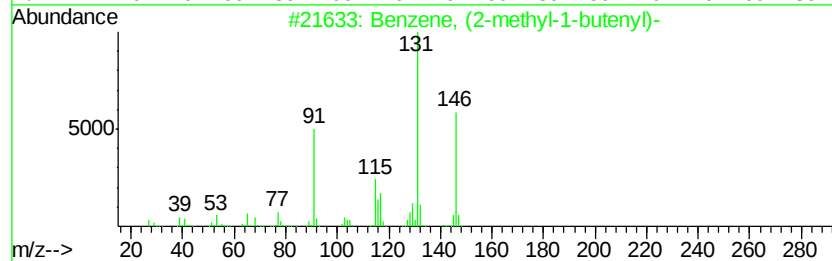
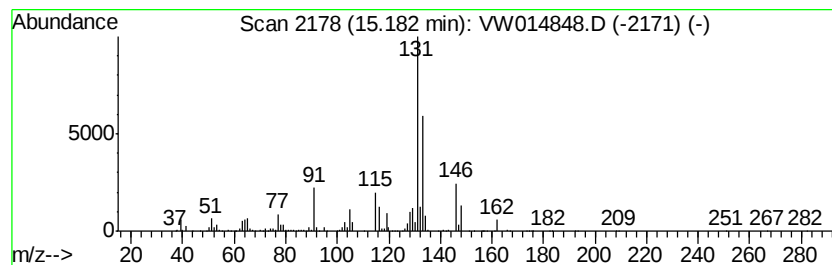
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Quant Title : VOC Analysis

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

Peak Number 28 Benzene, (2-methyl-1-butenyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	51.43 ug/L	3341690	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64
2		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	55
3		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	50
4		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	50
5		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014848.D
Acq On : 03 Feb 2020 21:20
Operator : SY/VA
Sample : L1323-09
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT47

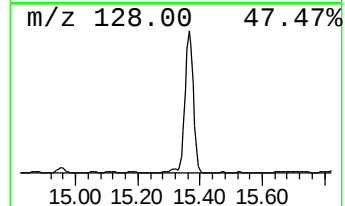
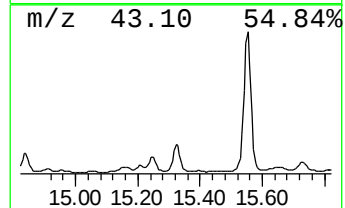
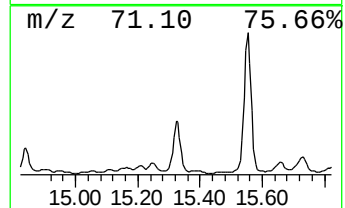
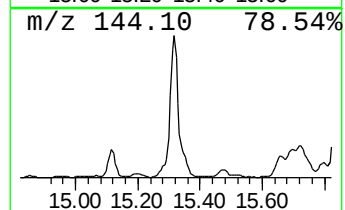
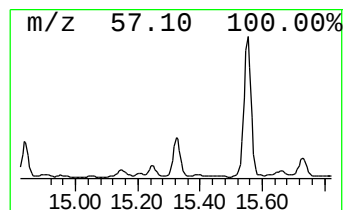
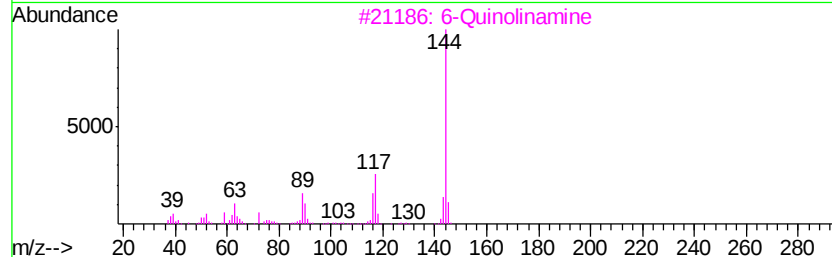
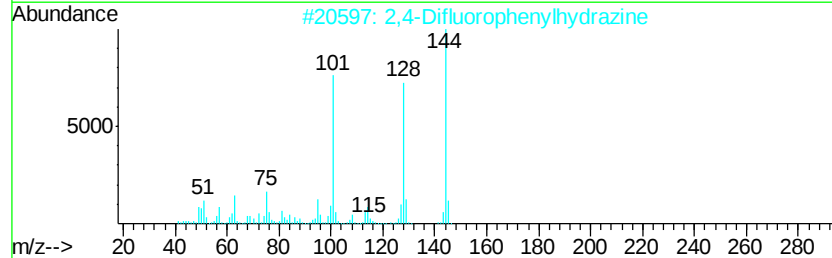
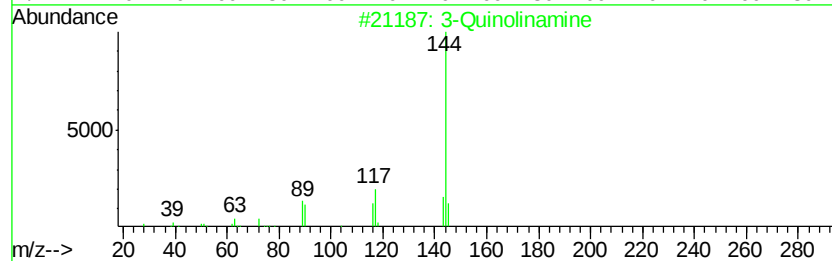
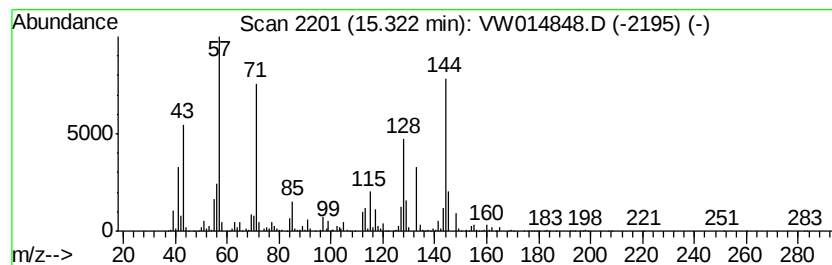
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Quant Title : VOC Analysis

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

Peak Number 29 unknown-03 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	52.07 ug/L	3383640	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Quinolinamine	144	C9H8N2	000580-17-6	42
2		2,4-Difluorophenylhydrazine	144	C6H6F2N2	040594-30-7	38
3		6-Quinolinamine	144	C9H8N2	000580-15-4	38
4		5-Quinolinamine	144	C9H8N2	000611-34-7	38
5		3-Quinolinamine	144	C9H8N2	000580-17-6	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014848.D
Acq On : 03 Feb 2020 21:20
Operator : SY/VA
Sample : L1323-09
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

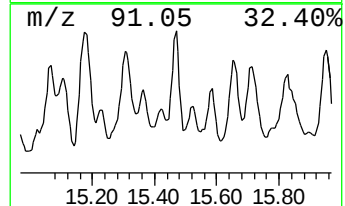
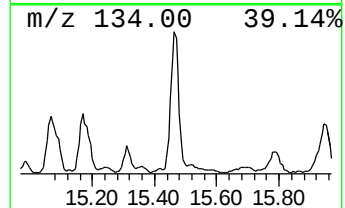
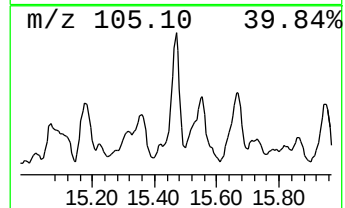
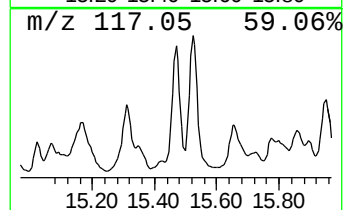
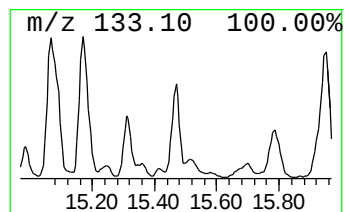
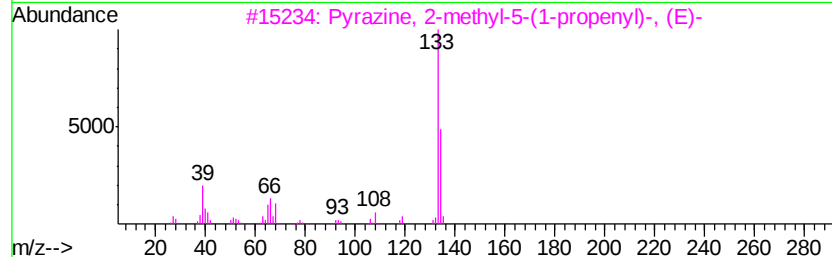
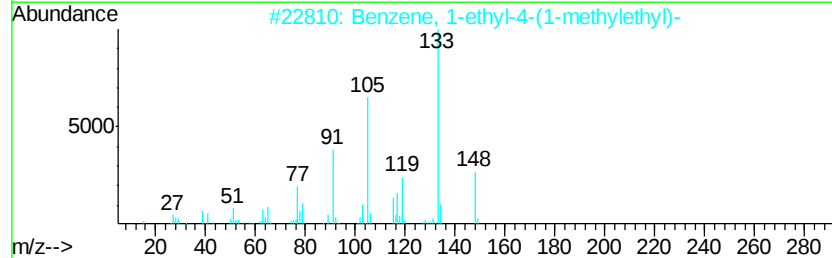
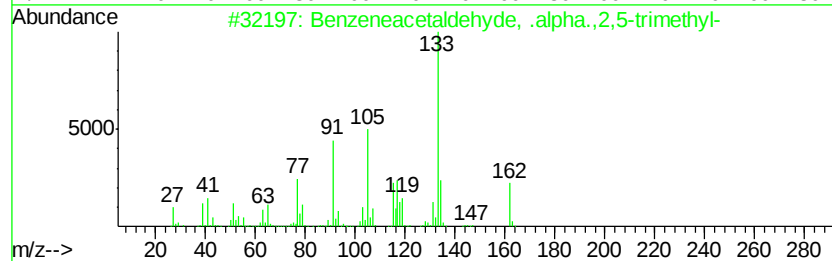
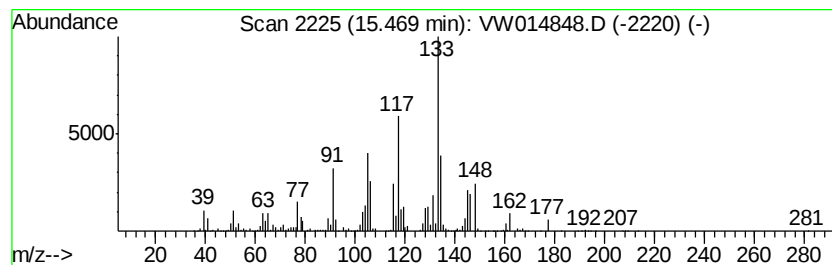
Instrument :
MSVOA_W
ClientSampleId :
GAT47

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 31 Benzeneacetaldehyde, .alpha... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	29.35 ug/L	1906900	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzeneacetaldehyde, .alpha.,2,5...	162 C11H14O	052417-50-2 50
2		Benzene, 1-ethyl-4-(1-methylethyl)-	148 C11H16	004218-48-8 38
3		Pyrazine, 2-methyl-5-(1-propenyl)-	134 C8H10N2	018217-82-8 38
4		Benzene, 1,3-dimethyl-5-(1-methyl...	148 C11H16	004706-90-5 38
5		Pyrazine, 2-methyl-3-(2-propenyl)-	134 C8H10N2	055138-62-0 35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014848.D
Acq On : 03 Feb 2020 21:20
Operator : SY/VA
Sample : L1323-09
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT47

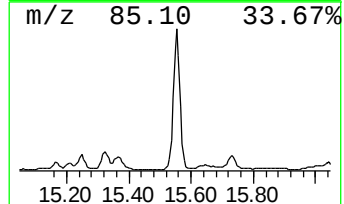
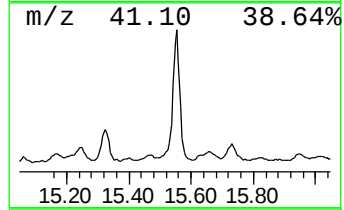
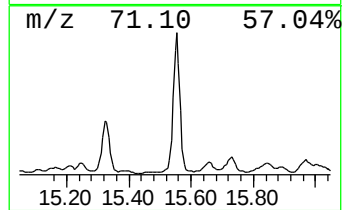
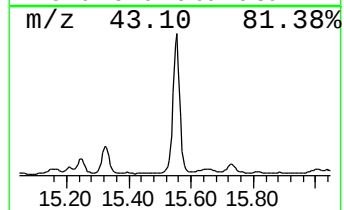
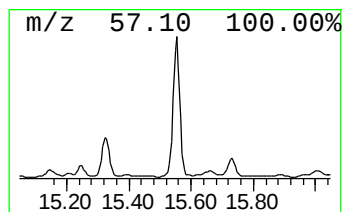
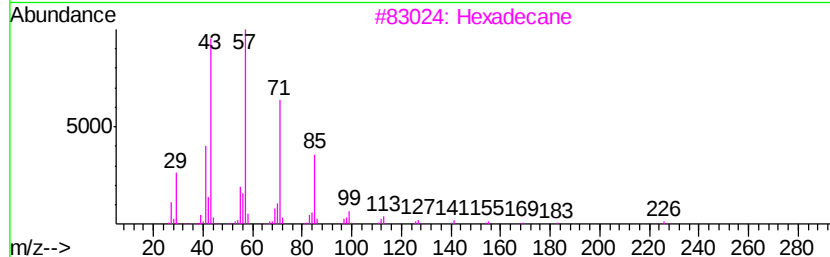
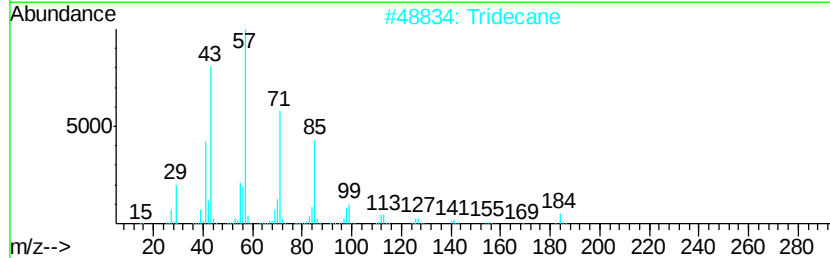
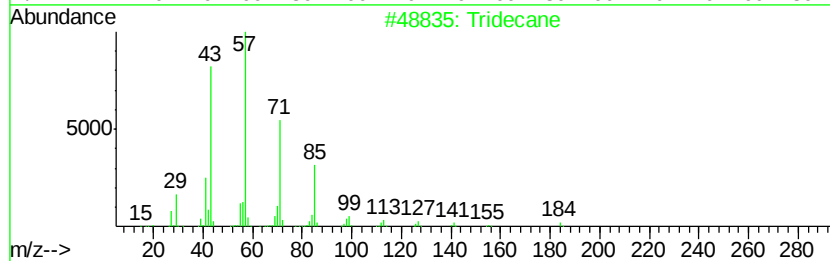
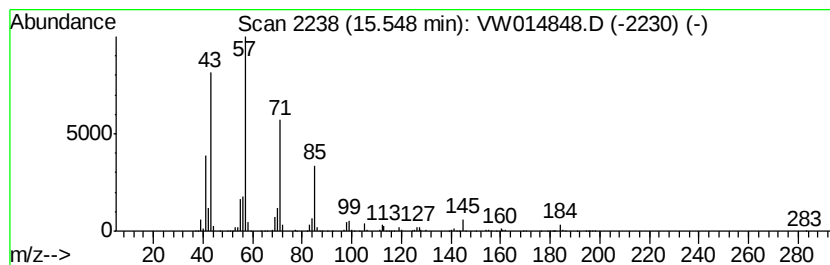
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Quant Title : VOC Analysis

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	120.44 ug/L	7825800	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	94
2		Tridecane	184	C13H28	000629-50-5	93
3		Hexadecane	226	C16H34	000544-76-3	87
4		Tridecane	184	C13H28	000629-50-5	87
5		Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014848.D
Acq On : 03 Feb 2020 21:20
Operator : SY/VA
Sample : L1323-09
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT47

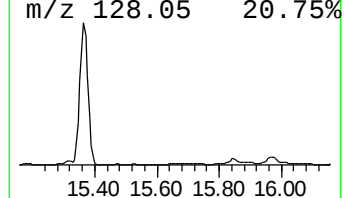
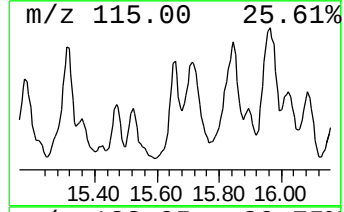
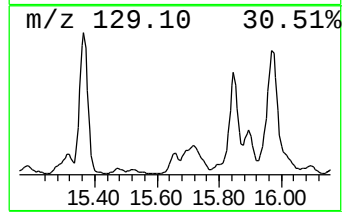
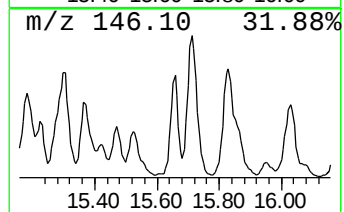
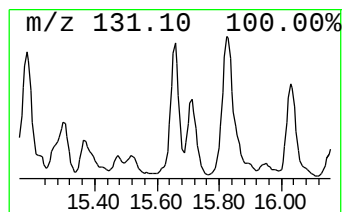
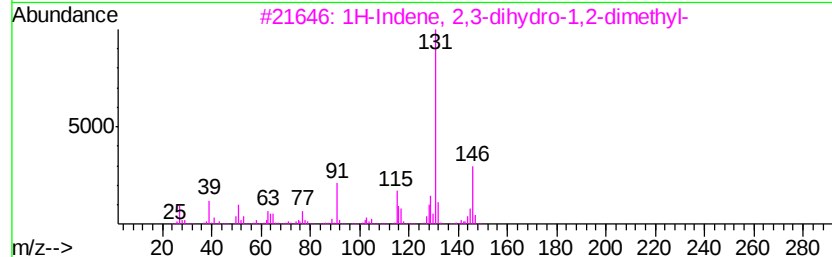
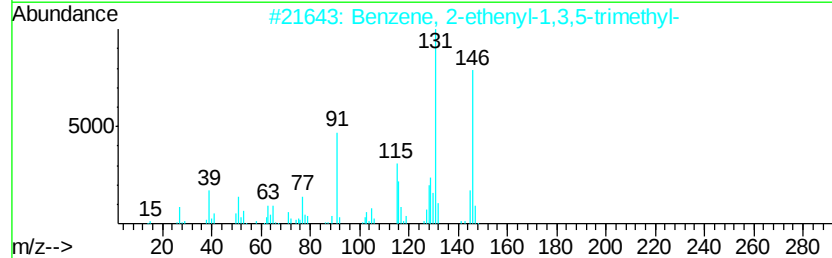
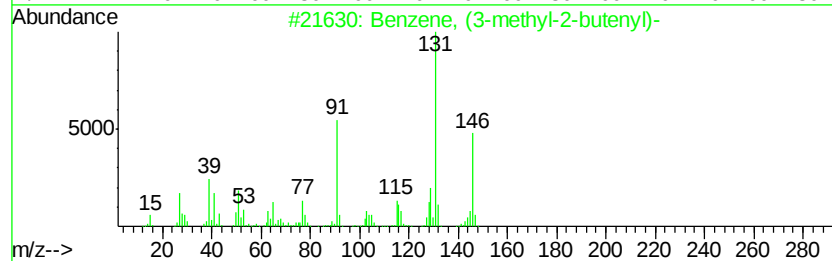
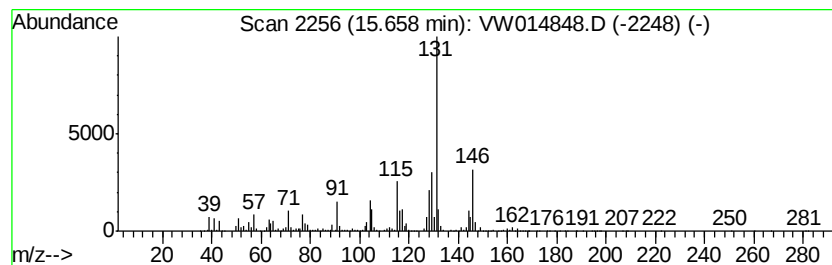
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Quant Title : VOC Analysis

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

Peak Number 33 Benzene, (3-methyl-2-butenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	58.00 ug/L	3768720	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	87
2		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	87
3		1H-Indene, 2,3-dihydro-1,2-dimethyl-	146	C11H14	017057-82-8	81
4		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	76
5		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014848.D
Acq On : 03 Feb 2020 21:20
Operator : SY/VA
Sample : L1323-09
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

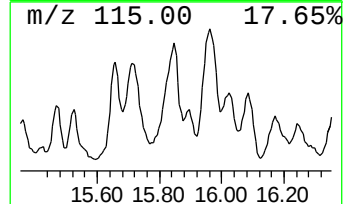
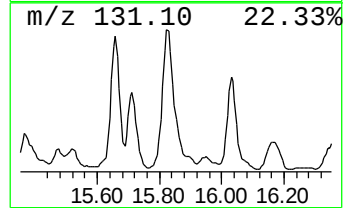
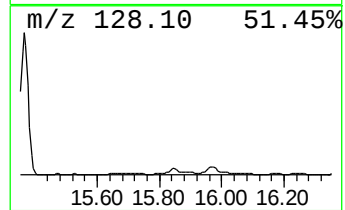
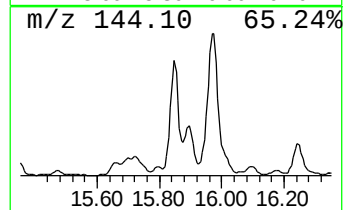
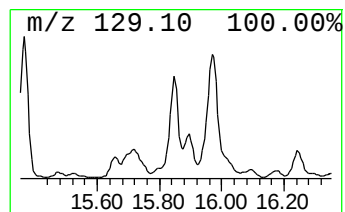
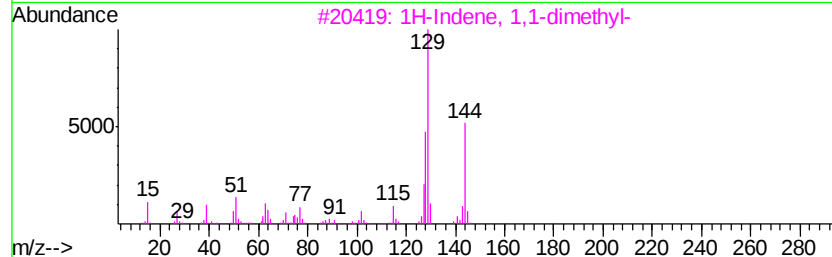
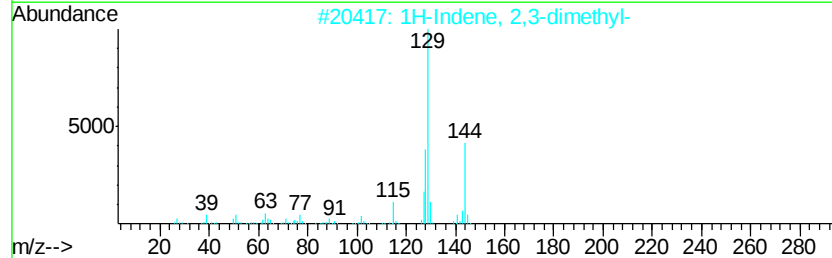
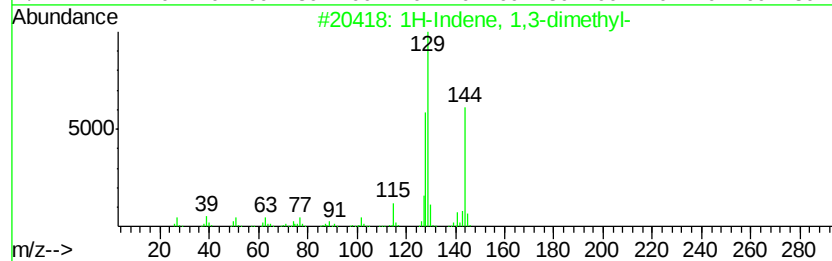
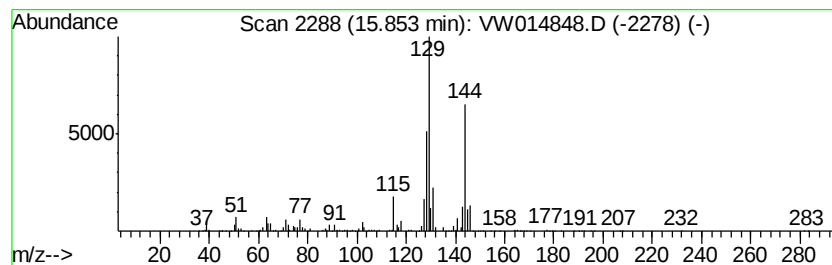
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 35 1H-Indene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	74.45 ug/L	4837420	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	95
2	1H-Indene, 2,3-dimethyl-	144 C11H12	004773-82-4	94
3	1H-Indene, 1,1-dimethyl-	144 C11H12	018636-55-0	91
4	Naphthalene, 1,2-dihydro-3-methyl-	144 C11H12	002717-44-4	87
5	1H-Indene, 1-ethenyl-2,3-dihydro-	144 C11H12	051783-46-1	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014848.D
Acq On : 03 Feb 2020 21:20
Operator : SY/VA
Sample : L1323-09
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT47

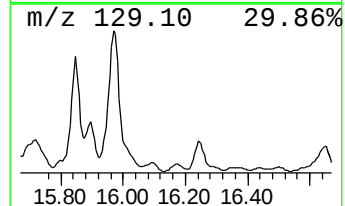
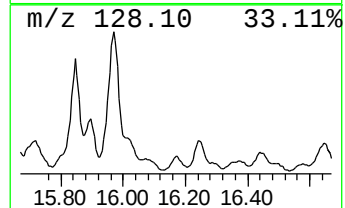
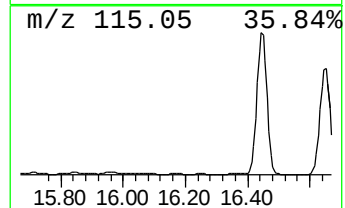
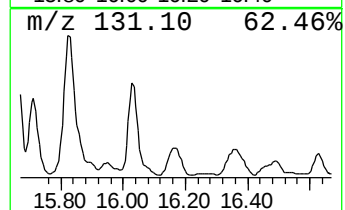
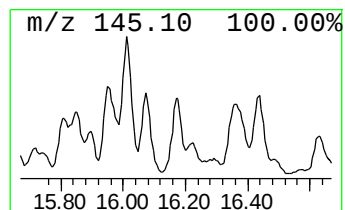
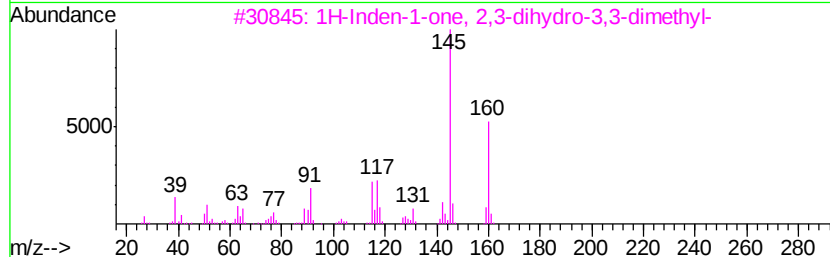
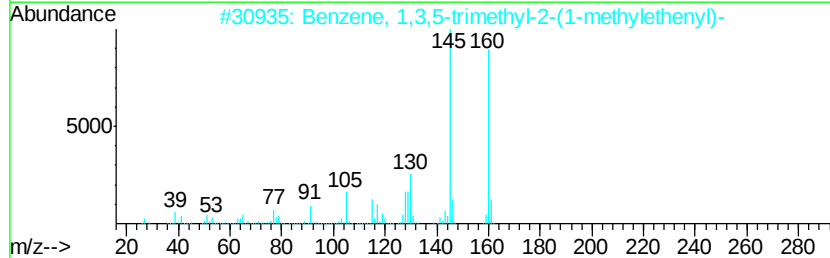
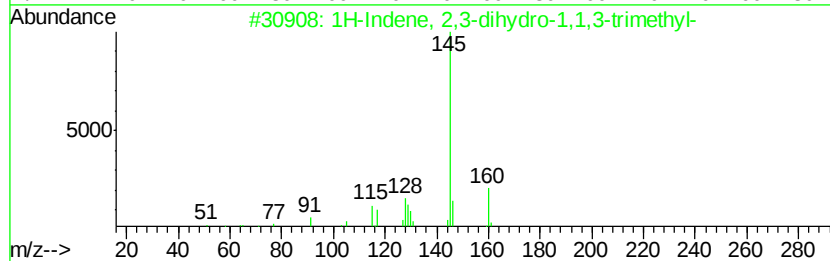
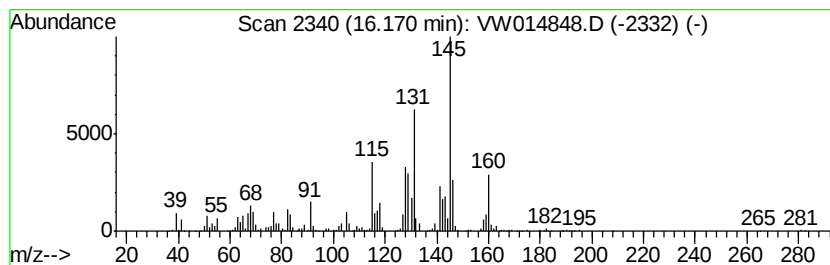
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Quant Title : VOC Analysis

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

Peak Number 37 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	28.88 ug/L	1876450	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	58
2		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	52
3		1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	49
4		1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	46
5		1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014848.D
Acq On : 03 Feb 2020 21:20
Operator : SY/VA
Sample : L1323-09
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT47

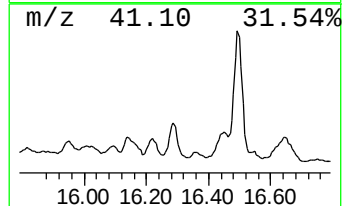
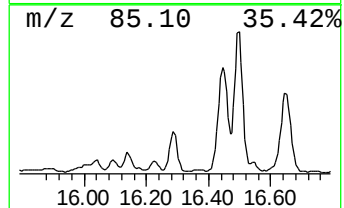
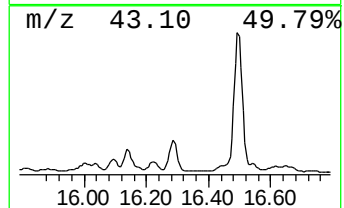
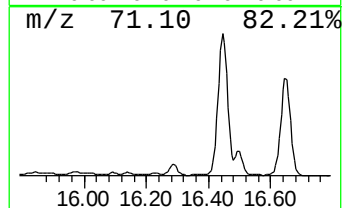
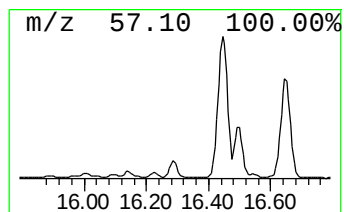
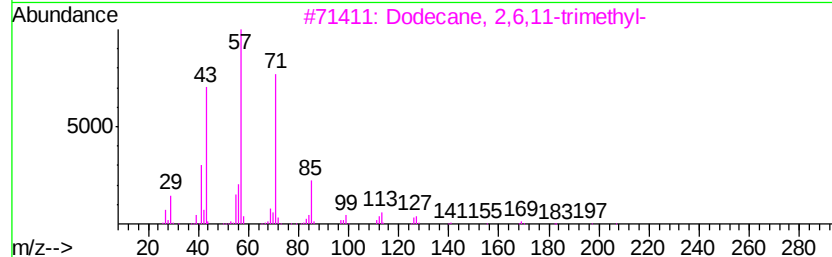
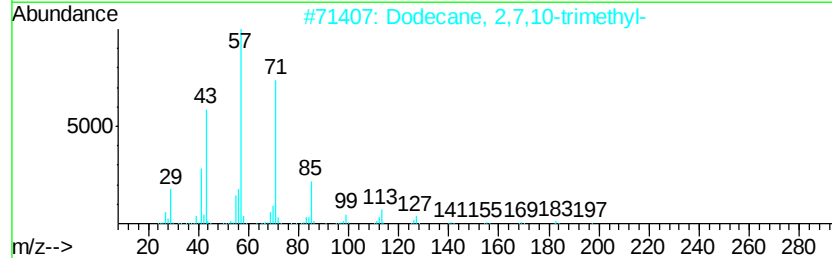
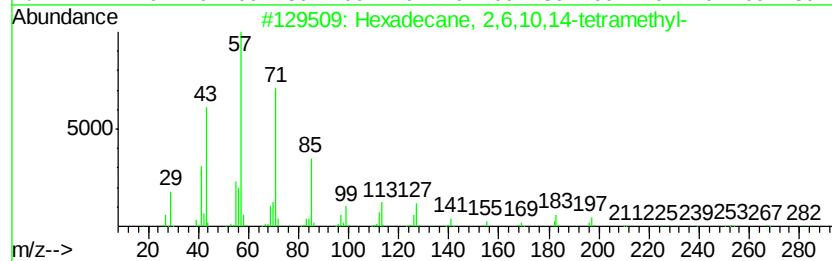
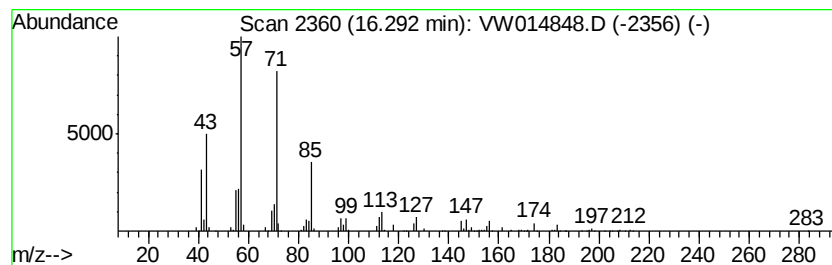
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Quant Title : VOC Analysis

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	20.71 ug/L	1345860	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	94
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014848.D
Acq On : 03 Feb 2020 21:20
Operator : SY/VA
Sample : L1323-09
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT47

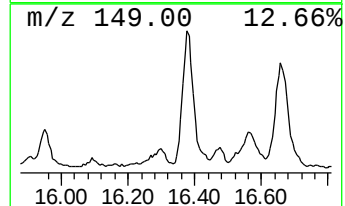
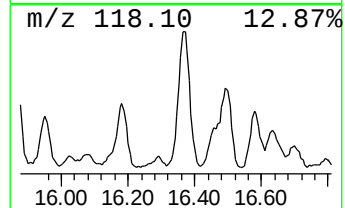
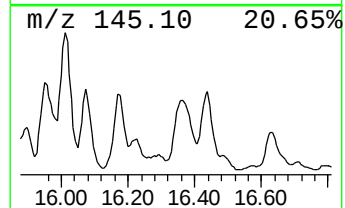
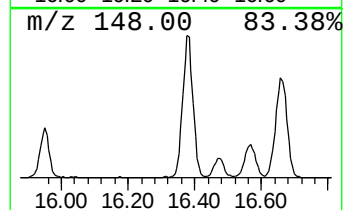
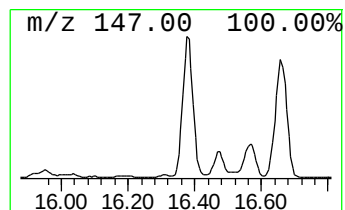
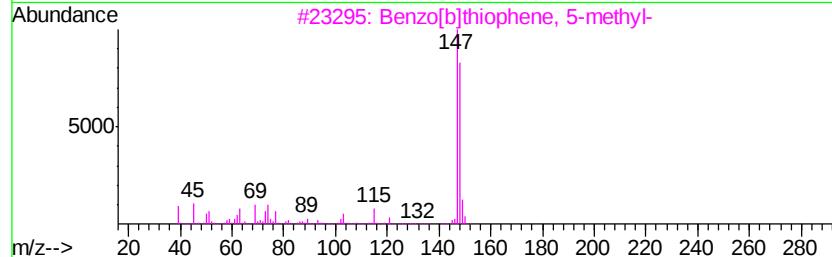
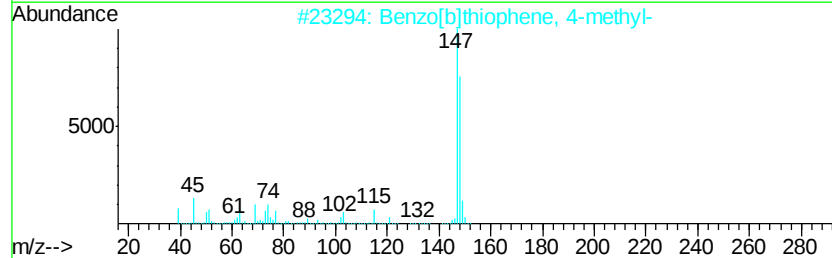
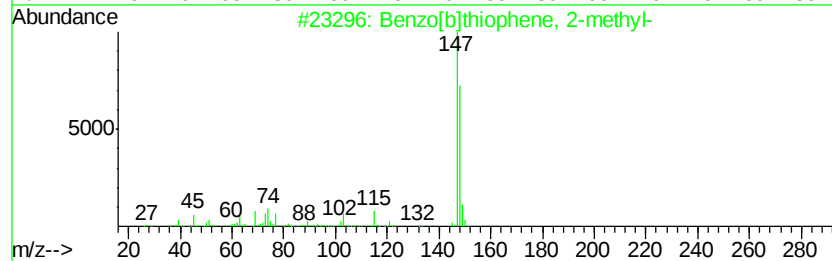
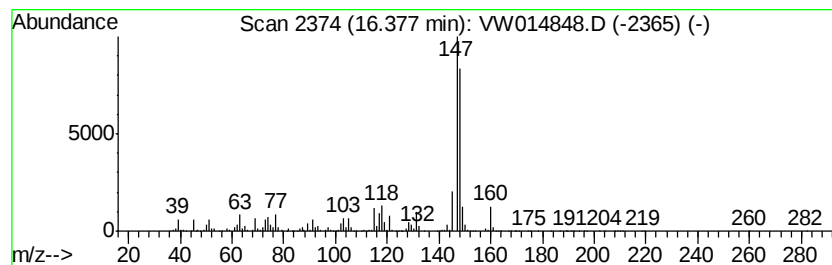
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Quant Title : VOC Analysis

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

Peak Number 39 Benzo[b]thiophene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	62.24 ug/L	4044390	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	70
2		Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	70
3		Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	70
4		3-Methylbenzothiophene	148	C9H8S	001455-18-1	70
5		Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014848.D
Acq On : 03 Feb 2020 21:20
Operator : SY/VA
Sample : L1323-09
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT47

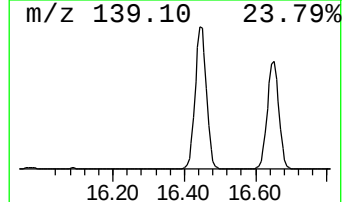
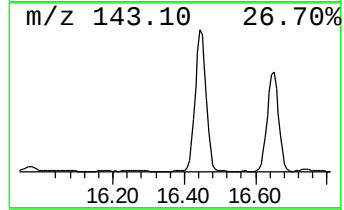
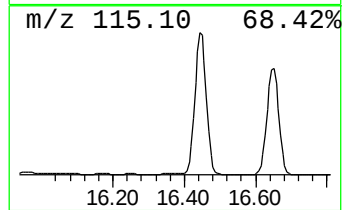
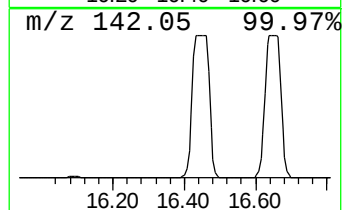
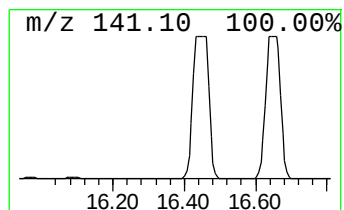
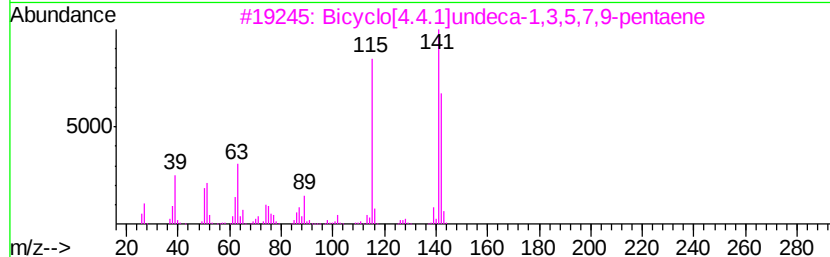
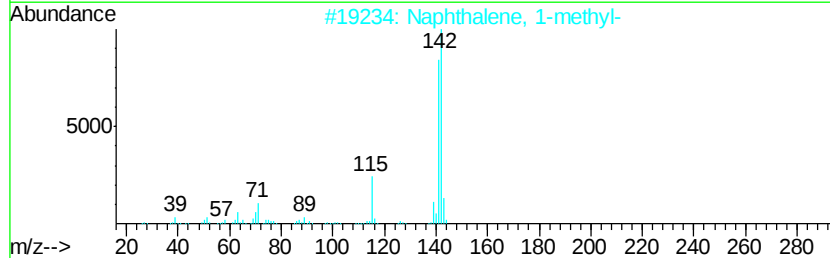
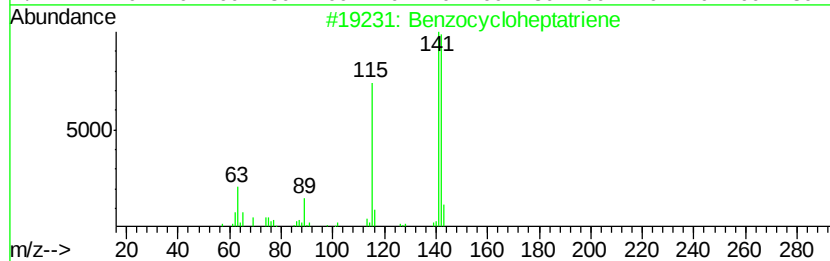
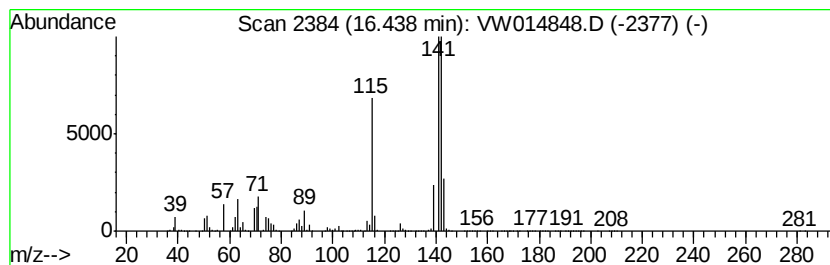
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Quant Title : VOC Analysis

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

Peak Number 40 Benzocycloheptatriene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	2160.83 ug/L	140408000	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzocycloheptatriene	142	C11H10	000264-09-5	95
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3		Bicyclo[4.4.1]undeca-1,3,5,7,9-pentaene	142	C11H10	002443-46-1	90
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	87
5		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014848.D
Acq On : 03 Feb 2020 21:20
Operator : SY/VA
Sample : L1323-09
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT47

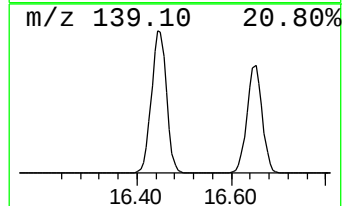
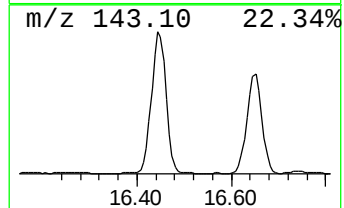
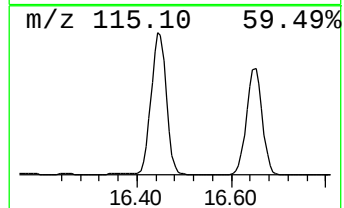
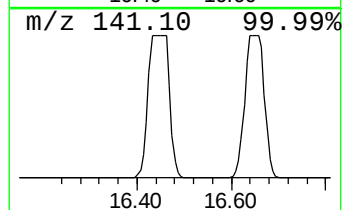
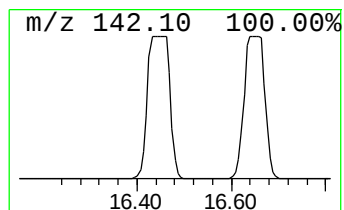
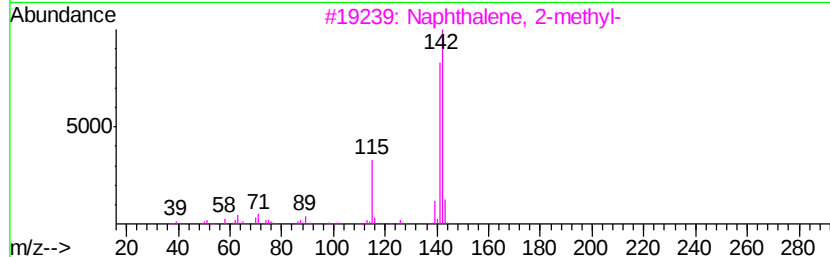
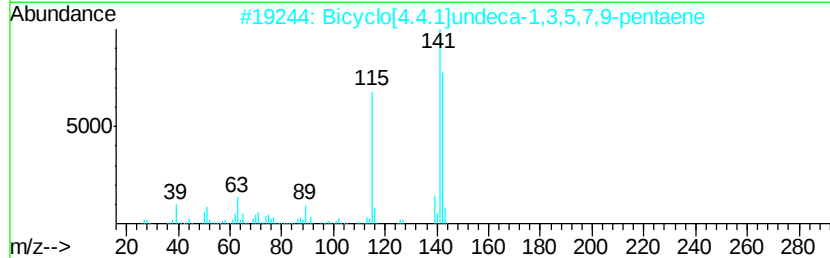
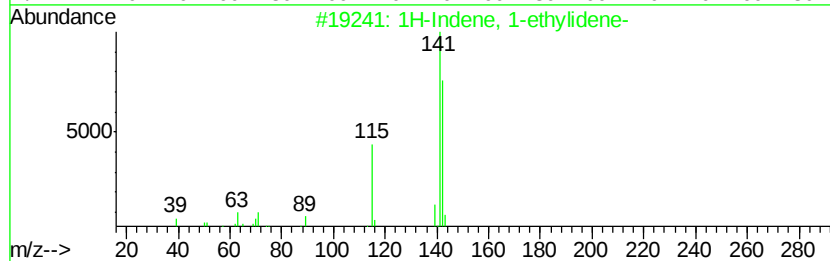
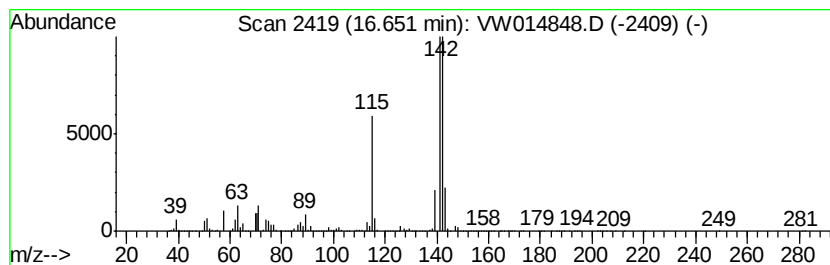
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 41 1H-Indene, 1-ethylidene- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	1699.72 ug/L	110445000	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	93
2		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
5		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020320\
 Data File : VW014848.D
 Acq On : 03 Feb 2020 21:20
 Operator : SY/VA
 Sample : L1323-09
 Misc : 5.01G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT47

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, 1,5-...	12.88	9.8	ug/L	639646	3	13.56	1624460	25.0
Naphthalene, 1,7-...	13.30	10.7	ug/L	692825	3	13.56	1624460	25.0
Benzene, 2,5-cycl...	13.44	2.9	ug/L	186873	3	13.56	1624460	25.0
3-Methylphenylace...	13.94	3.1	ug/L	198659	3	13.56	1624460	25.0
unknown-01	14.04	2.1	ug/L	136836	3	13.56	1624460	25.0
Benzene, 1-methyl...	14.09	2.0	ug/L	128682	3	13.56	1624460	25.0
Benzene, 1-etheny...	14.13	2.3	ug/L	149402	3	13.56	1624460	25.0
2,4-Dimethylstyrene	14.23	22.9	ug/L	1487640	3	13.56	1624460	25.0
Benzene, 1,2,3,5-...	14.34	4.3	ug/L	278773	3	13.56	1624460	25.0
Cyclohexanone, 5-...	14.38	1.7	ug/L	113314	3	13.56	1624460	25.0
Benzene, 1,2,3,4-...	14.42	7.9	ug/L	511715	3	13.56	1624460	25.0
Benzene, 4-ethyl-...	14.46	21.2	ug/L	1375720	3	13.56	1624460	25.0
Benzene, 2-etheny...	14.50	11.8	ug/L	764164	3	13.56	1624460	25.0
Bicyclo[4.2.0]oct...	14.55	21.7	ug/L	1407890	3	13.56	1624460	25.0
unknown-02	14.64	2.5	ug/L	162517	3	13.56	1624460	25.0
(DEL) Alkane: Str...	14.72	55.1	ug/L	3579510	3	13.56	1624460	25.0
Benzene, 1,2,4,5-...	14.79	74.5	ug/L	4842170	3	13.56	1624460	25.0
1H-Indene, 1-methyl-	14.87	52.1	ug/L	3385530	3	13.56	1624460	25.0
Benzene, (1-methy...	14.95	93.0	ug/L	6044990	3	13.56	1624460	25.0
Benzene, 1-ethyl-...	15.06	36.9	ug/L	2395310	3	13.56	1624460	25.0
Benzene, 2-etheny...	15.11	21.9	ug/L	1420580	3	13.56	1624460	25.0
Benzene, (2-methy...	15.18	51.4	ug/L	3341690	3	13.56	1624460	25.0
unknown-03	15.32	52.1	ug/L	3383640	3	13.56	1624460	25.0
Benzeneacetaldehy...	15.47	29.4	ug/L	1906900	3	13.56	1624460	25.0
(DEL) Alkane: Str...	15.55	120.4	ug/L	7825800	3	13.56	1624460	25.0
Benzene, (3-methy...	15.66	58.0	ug/L	3768720	3	13.56	1624460	25.0
1H-Indene, 1,3-di...	15.85	74.5	ug/L	4837420	3	13.56	1624460	25.0
1H-Indene, 2,3-di...	16.17	28.9	ug/L	1876450	3	13.56	1624460	25.0
(DEL) Alkane: Str...	16.29	20.7	ug/L	1345860	3	13.56	1624460	25.0
Benzo[b]thiophene...	16.38	62.2	ug/L	4044390	3	13.56	1624460	25.0
Benzocycloheptatr...	16.44	2160.8	ug/L	140408000	3	13.56	1624460	25.0
1H-Indene, 1-ethy...	16.65	1699.7	ug/L	110445000	3	13.56	1624460	25.0