

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020420\
 Data File : VW014866.D
 Acq On : 04 Feb 2020 18:24
 Operator : SY/VA
 Sample : L1324-08
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT65

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	37	42	48	rBV	41122	85174	0.05%	0.005%
2	2.355	68	74	85	rBV	320087	621077	0.37%	0.038%
3	2.489	93	96	104	rVB2	15446	29076	0.02%	0.002%
4	2.891	154	162	176	rBV	270984	681662	0.40%	0.042%
5	4.019	334	347	359	rBV	502093	1652982	0.98%	0.102%
6	4.117	359	363	377	rVV	44075	120316	0.07%	0.007%
7	4.915	482	494	511	rBV2	47980	183572	0.11%	0.011%
8	7.074	839	848	854	rBV	166013	457980	0.27%	0.028%
9	7.647	931	942	956	rBV	830306	2029946	1.20%	0.126%
10	8.275	1033	1045	1049	rBV	1691352	4343802	2.56%	0.269%
11	8.842	1126	1138	1148	rBV	1459611	2905203	1.71%	0.180%
12	9.073	1169	1176	1183	rBV4	13078	30714	0.02%	0.002%
13	9.274	1198	1209	1218	rBV	1191081	2426419	1.43%	0.150%
14	10.030	1325	1333	1341	rBV	577669	1055168	0.62%	0.065%
15	10.207	1356	1362	1372	rVB3	15901	31122	0.02%	0.002%
16	10.323	1372	1381	1386	rBV	2248754	3989884	2.35%	0.247%
17	10.384	1386	1391	1402	rVB	2044436	3515713	2.07%	0.217%
18	10.500	1404	1410	1416	rBV3	48343	88367	0.05%	0.005%
19	10.573	1416	1422	1429	rBV	369201	639738	0.38%	0.040%
20	10.646	1429	1434	1439	rVV2	25776	58202	0.03%	0.004%
21	10.701	1439	1443	1448	rVV2	48893	82109	0.05%	0.005%
22	10.920	1472	1479	1490	rBV	691532	1184408	0.70%	0.073%
23	11.061	1490	1502	1506	rBV3	69796	142201	0.08%	0.009%
24	11.176	1517	1521	1525	rVV	42568	62628	0.04%	0.004%
25	11.225	1525	1529	1535	rVB	74225	120311	0.07%	0.007%
26	11.335	1542	1547	1551	rVB2	46139	75633	0.04%	0.005%
27	11.433	1551	1563	1571	rBV5	82325	267548	0.16%	0.017%
28	11.512	1571	1576	1581	rBV	95232	150378	0.09%	0.009%
29	11.628	1588	1595	1604	rBV	1898046	3217254	1.90%	0.199%
30	11.725	1604	1611	1620	rVV	6074327	10045345	5.93%	0.621%
31	11.841	1620	1630	1638	rVV	5805663	10926753	6.45%	0.676%
32	11.914	1639	1642	1647	rVB4	88119	138293	0.08%	0.009%
33	11.969	1647	1651	1658	rBV4	70061	139180	0.08%	0.009%
34	12.164	1670	1683	1691	rBV	10947921	19057965	11.24%	1.179%

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

35	12.249	1691	1697	1701	rVB	298346	487645	0.29%	0.030%
36	12.359	1701	1715	1723	rBV3	520398	1893808	1.12%	0.117%
37	12.463	1726	1732	1736	rBV	687864	1132554	0.67%	0.070%
38	12.536	1741	1744	1747	rVV2	159878	180251	0.11%	0.011%
39	12.615	1752	1757	1759	rBV2	114890	177239	0.10%	0.011%
40	12.646	1759	1762	1765	rBV	146002	173135	0.10%	0.011%
41	12.688	1765	1769	1774	rVB	791844	1223931	0.72%	0.076%
42	12.737	1774	1777	1779	rBV3	70706	80873	0.05%	0.005%
43	12.798	1779	1787	1792	rBV	1014691	2127862	1.26%	0.132%
44	12.865	1792	1798	1799	rBV	3829126	5012746	2.96%	0.310%
45	12.896	1799	1803	1807	rVV	19806898	32301986	19.06%	1.998%
46	12.938	1807	1810	1817	rVB	16749806	26299677	15.51%	1.627%
47	12.987	1817	1818	1823	rVB2	234001	260338	0.15%	0.016%
48	13.036	1823	1826	1829	rBV4	52781	82057	0.05%	0.005%
49	13.103	1829	1837	1844	rBV3	7301031	15414629	9.09%	0.953%
50	13.164	1844	1847	1853	rVB2	922925	1272133	0.75%	0.079%
51	13.249	1853	1861	1865	rBV	47697859	78720839	46.44%	4.869%
52	13.298	1865	1869	1875	rVB	43008644	66563130	39.27%	4.117%
53	13.353	1875	1878	1885	rVB6	718731	1517479	0.90%	0.094%
54	13.438	1886	1892	1896	rBV2	2116179	3868939	2.28%	0.239%
55	13.493	1896	1901	1907	rVB5	1292700	2817296	1.66%	0.174%
56	13.585	1907	1916	1920	rBV	26847522	45255117	26.70%	2.799%
57	13.621	1920	1922	1930	rVB	5912006	8370002	4.94%	0.518%
58	13.713	1931	1937	1939	rBV3	2401405	3924838	2.32%	0.243%
59	13.755	1939	1944	1947	rVV2	10503300	17125616	10.10%	1.059%
60	13.786	1947	1949	1956	rVB2	8871034	13848456	8.17%	0.857%
61	13.871	1956	1963	1968	rVB2	10702964	16066443	9.48%	0.994%
62	13.938	1968	1974	1981	rBV2	54971056	100898210	59.52%	6.241%
63	14.011	1981	1986	1987	rBV	4724014	6217401	3.67%	0.385%
64	14.036	1987	1990	1996	rVV2	6299209	11413926	6.73%	0.706%
65	14.097	1996	2000	2003	rVV	8572249	11648554	6.87%	0.721%
66	14.139	2003	2007	2013	rVB2	6257147	10936480	6.45%	0.676%
67	14.231	2013	2022	2027	rBV3	18868288	38559271	22.75%	2.385%
68	14.286	2027	2031	2035	rVB	3882427	5567114	3.28%	0.344%
69	14.341	2035	2040	2044	rBV3	5000680	9013265	5.32%	0.558%
70	14.389	2044	2048	2050	rVV3	3466594	5804038	3.42%	0.359%
71	14.420	2050	2053	2056	rVV2	8553212	13888150	8.19%	0.859%

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72	14.456	2056	2059	2063	rVV2	15457333	23797967	14.04%	1.472%
73	14.499	2063	2066	2070	rVV	6309112	8099178	4.78%	0.501%
74	14.554	2070	2075	2080	rVB3	9981415	17761839	10.48%	1.099%
75	14.639	2086	2089	2093	rVB	2188607	2660123	1.57%	0.165%
76	14.688	2093	2097	2100	rBV2	9042318	15111921	8.91%	0.935%
77	14.725	2100	2103	2108	rVB2	15109975	21387662	12.62%	1.323%
78	14.798	2108	2115	2120	rBV2	28356275	64777974	38.21%	4.007%
79	14.840	2120	2122	2123	rVV	10040858	10485997	6.19%	0.649%
80	14.871	2123	2127	2133	rVV2	27549812	46701605	27.55%	2.889%
81	14.956	2135	2141	2148	rVB	51249284	89086980	52.55%	5.510%
82	15.060	2149	2158	2163	rBV3	11721416	27846673	16.43%	1.722%
83	15.103	2163	2165	2170	rVV	5077782	7672021	4.53%	0.475%
84	15.182	2171	2178	2185	rVB2	13186296	30732798	18.13%	1.901%
85	15.249	2186	2189	2196	rVB6	2709588	5669822	3.34%	0.351%
86	15.322	2196	2201	2203	rBV3	10710038	16964062	10.01%	1.049%
87	15.371	2203	2209	2219	rVB2	78061379	165805052	97.81%	10.256%
88	15.468	2220	2225	2229	rBV2	5785740	10446476	6.16%	0.646%
89	15.523	2229	2234	2237	rBV	3630651	6137337	3.62%	0.380%
90	15.657	2248	2256	2264	rBV4	7844477	24889928	14.68%	1.540%
91	15.731	2265	2268	2274	rVB2	4905419	8297568	4.89%	0.513%
92	15.828	2275	2284	2292	rBV4	6450009	24605089	14.52%	1.522%
93	15.968	2300	2307	2310	rBV3	4806127	11939980	7.04%	0.739%
94	16.017	2311	2315	2322	rVB4	4939448	12454350	7.35%	0.770%
95	16.169	2332	2340	2345	rBV3	5419373	13899832	8.20%	0.860%
96	16.224	2345	2349	2355	rVV4	3329831	8937318	5.27%	0.553%
97	16.285	2355	2359	2365	rVV	4715563	8866093	5.23%	0.548%
98	16.371	2366	2373	2378	rVV4	3138961	9355764	5.52%	0.579%
99	16.444	2378	2385	2397	rVB2	69083153	169512155	100.00%	10.485%
100	16.651	2409	2419	2429	rVB2	48418886	122108209	72.04%	7.553%

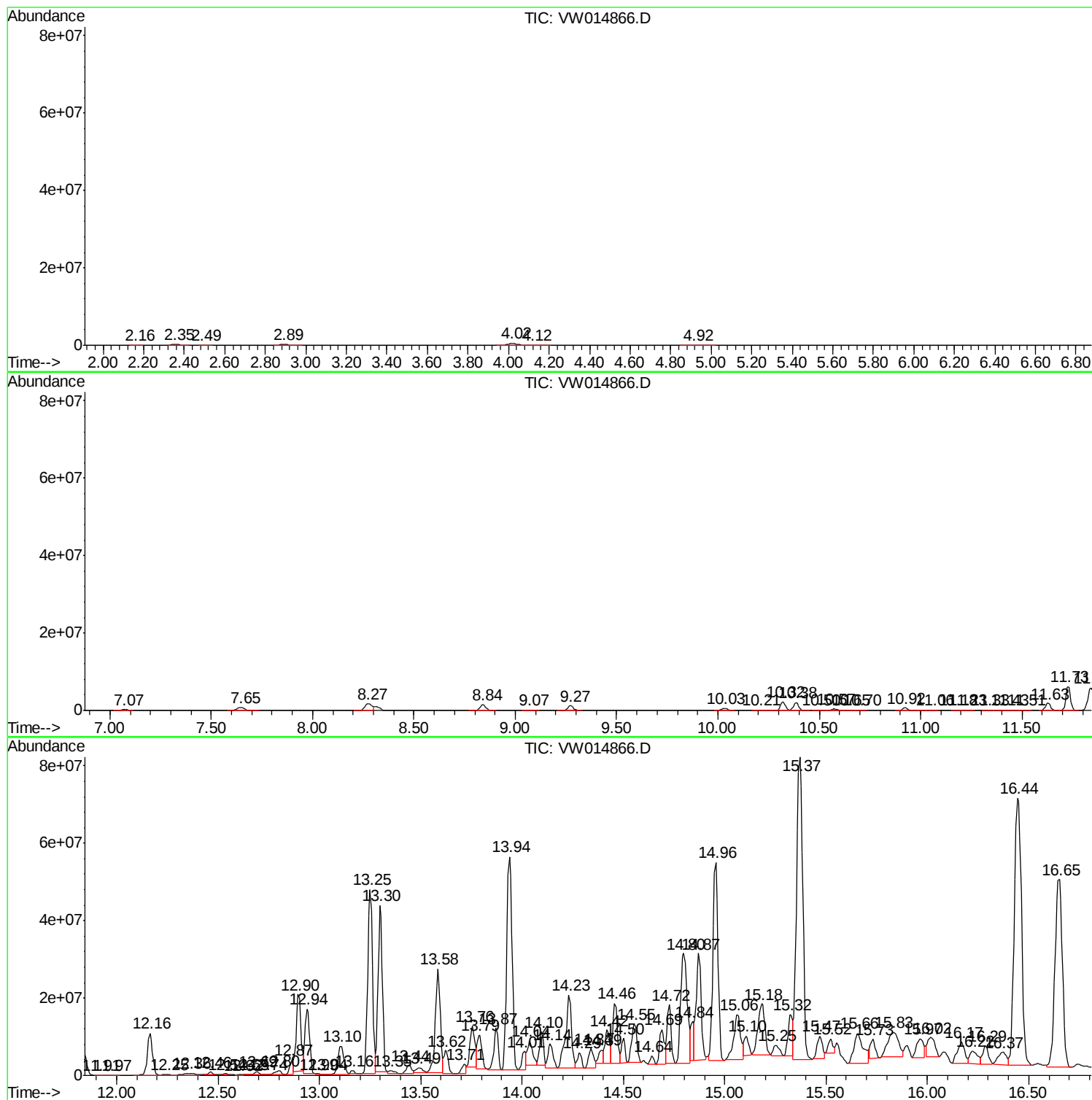
Sum of corrected areas: 1616713324

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT65

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

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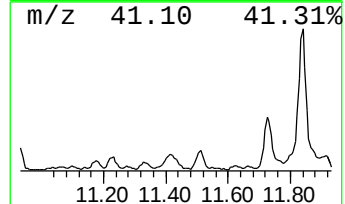
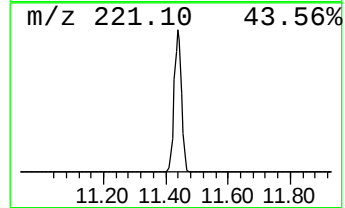
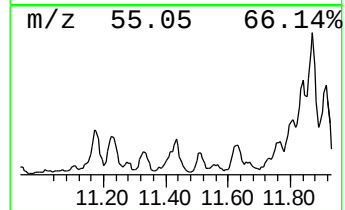
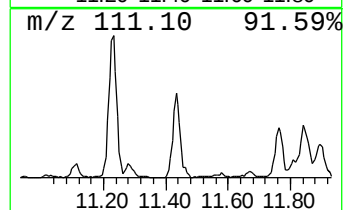
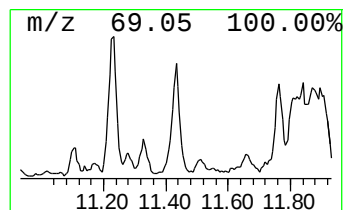
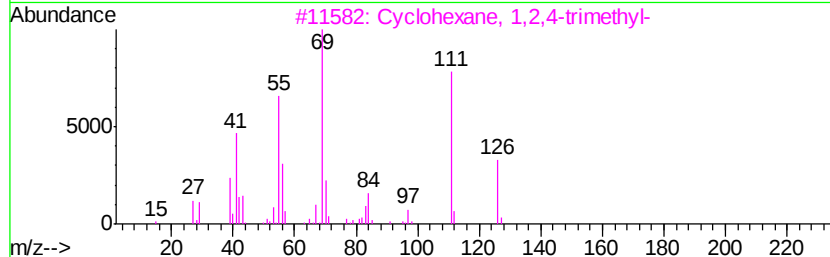
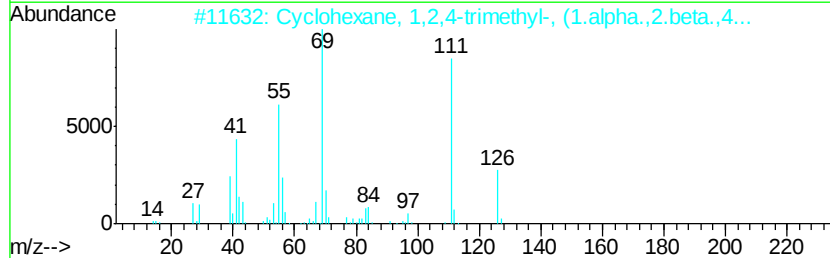
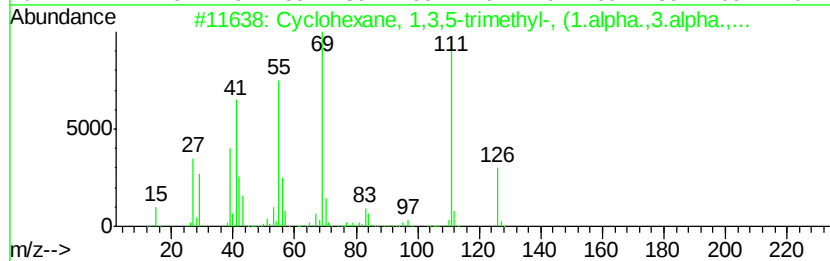
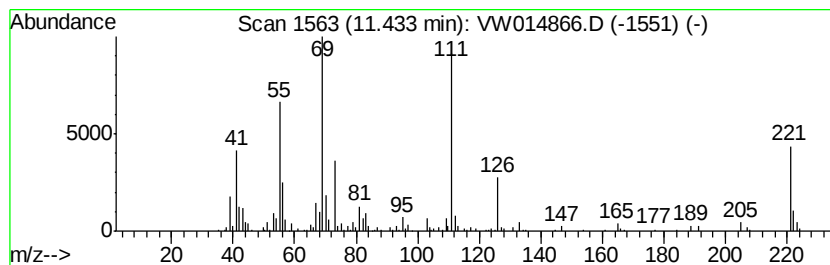
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Cyclic11.43 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	2.08 ug/L	267548	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	70
2		Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	70
3		Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	002234-75-5	70
4		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	64
5		Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	62



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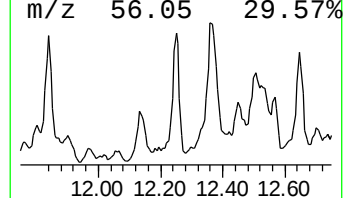
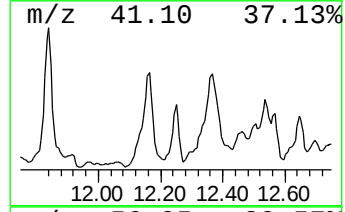
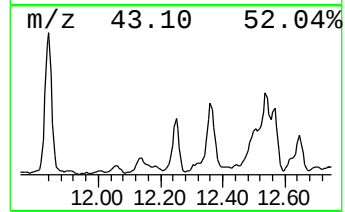
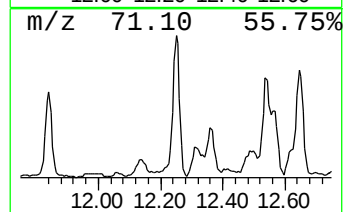
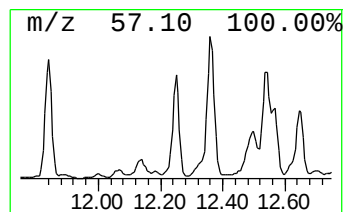
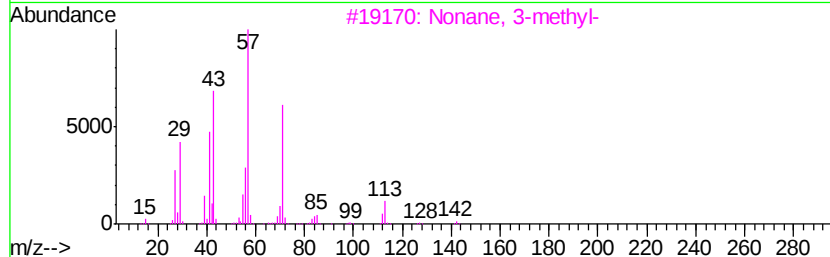
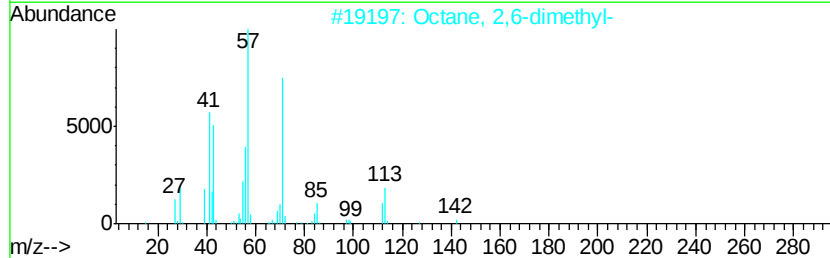
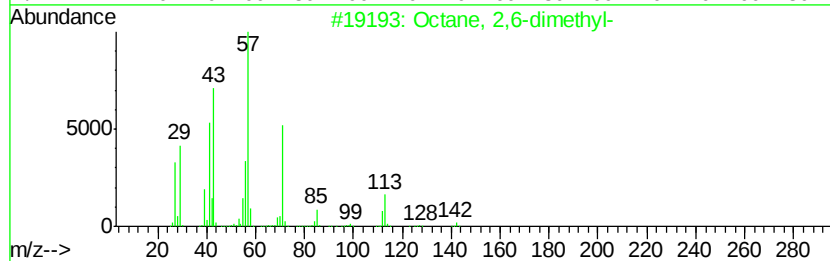
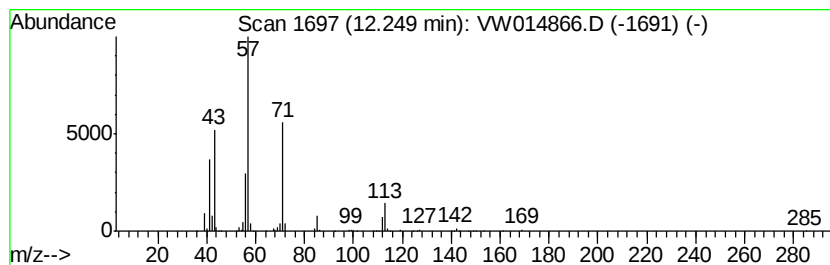
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Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	3.79 ug/L	487645	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	91
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91



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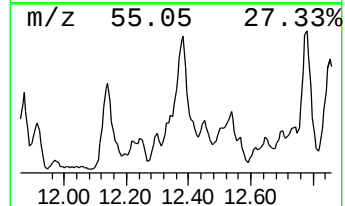
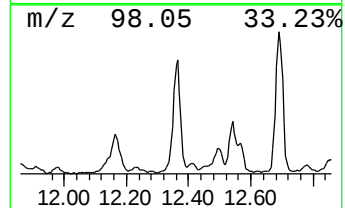
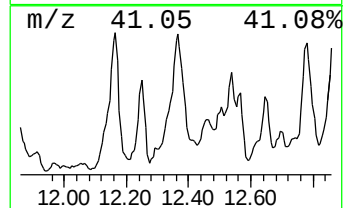
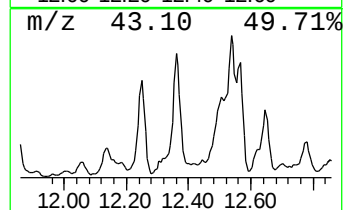
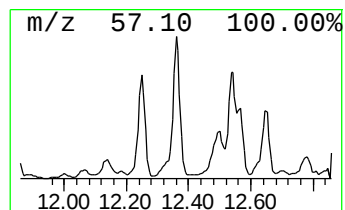
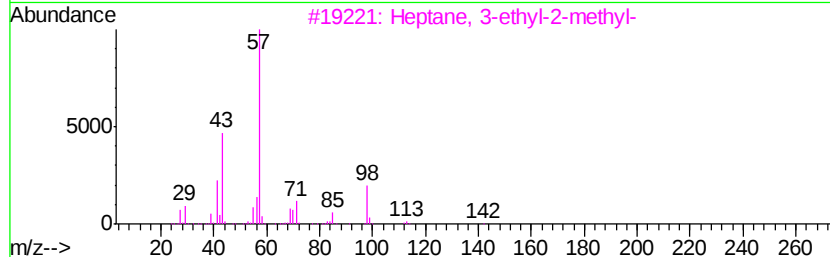
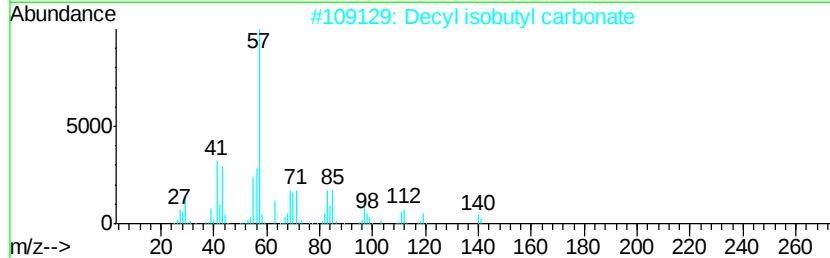
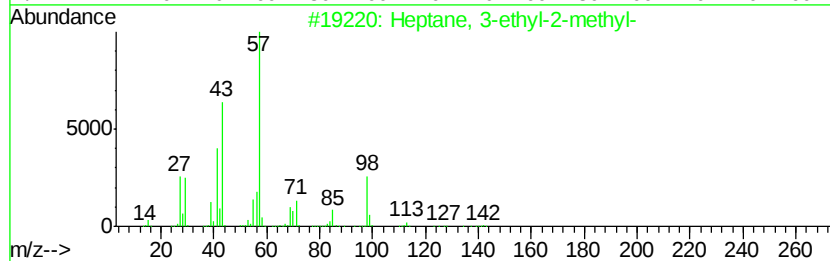
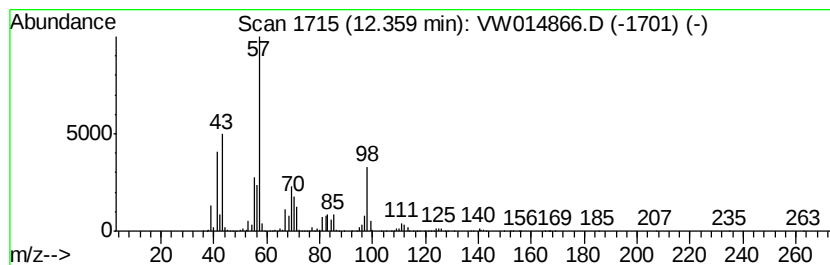
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	14.72 ug/L	1893810	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	58
2		Decyl isobutyl carbonate	258	C15H30O3	959226-07-4	53
3		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
4		Decyl isobutyl carbonate	258	C15H30O3	959226-07-4	53
5		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAT65

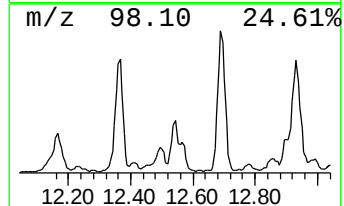
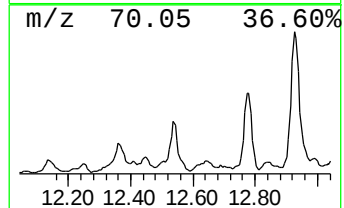
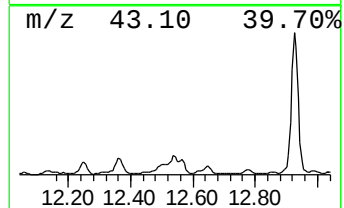
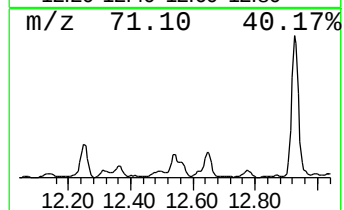
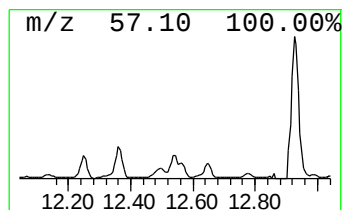
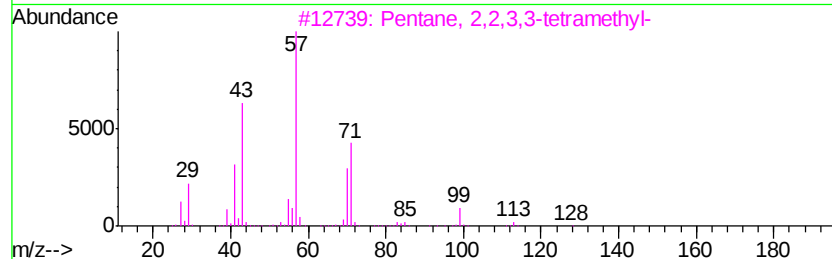
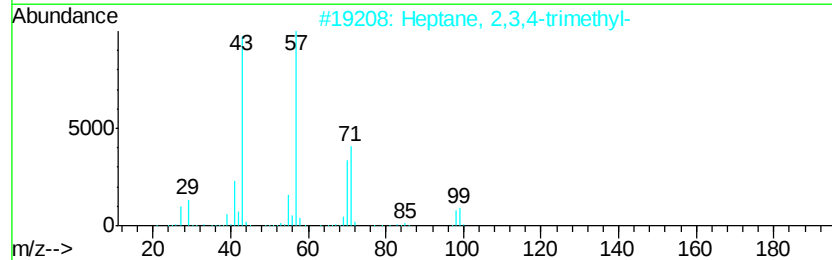
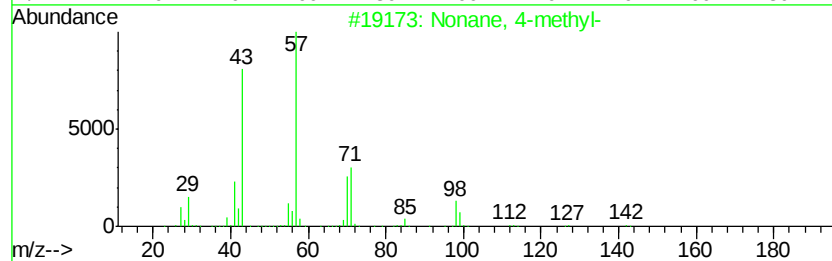
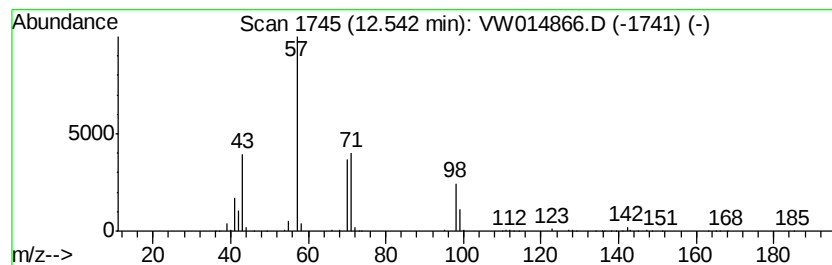
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	1.40 ug/L	180251	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 4-methyl-	142	C10H22	017301-94-9	86
2		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	72
3		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
4		Nonane, 4-methyl-	142	C10H22	017301-94-9	50
5		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT65

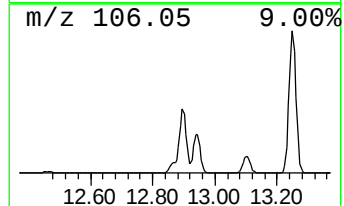
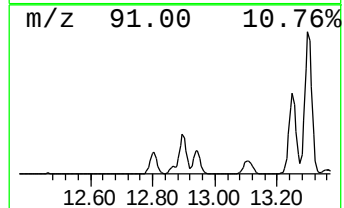
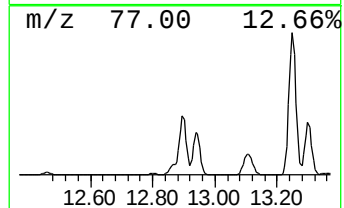
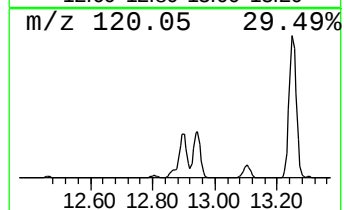
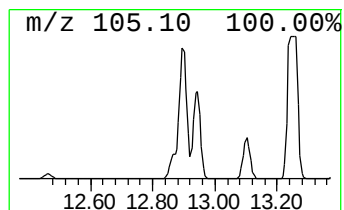
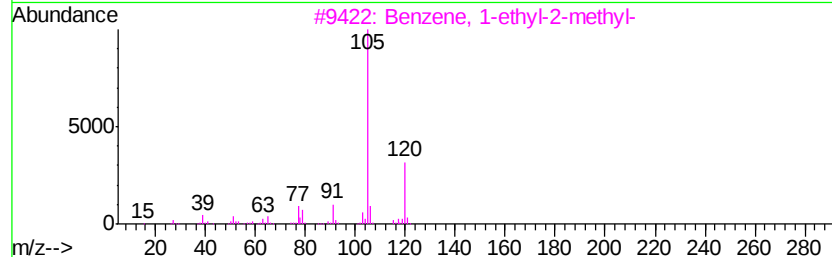
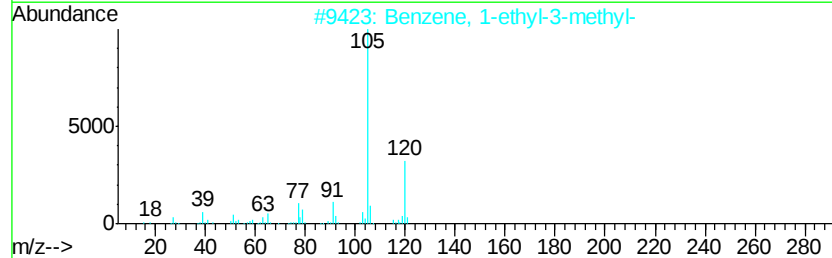
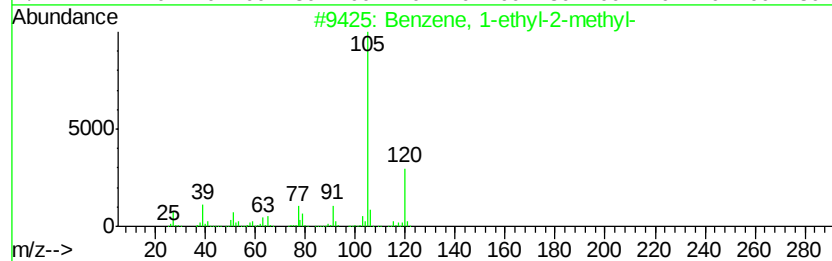
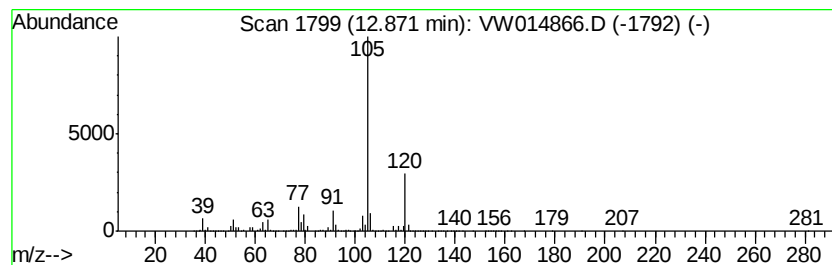
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Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	2.77 ug/L	5012750	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5		Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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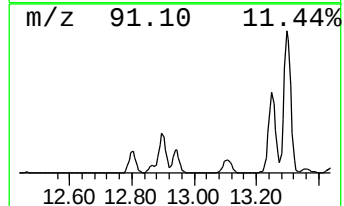
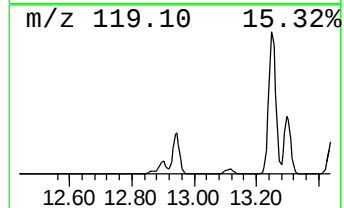
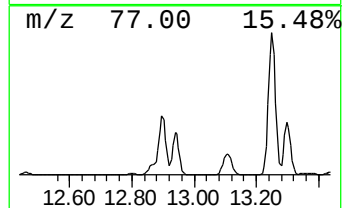
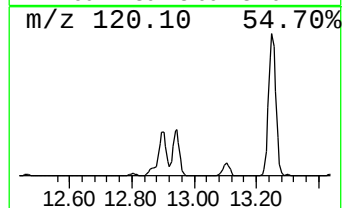
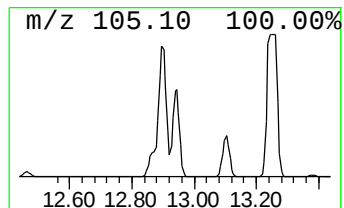
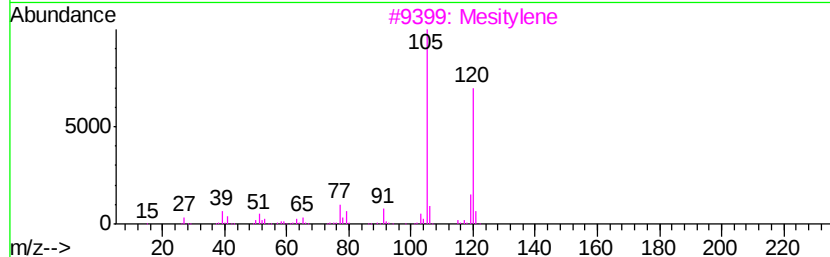
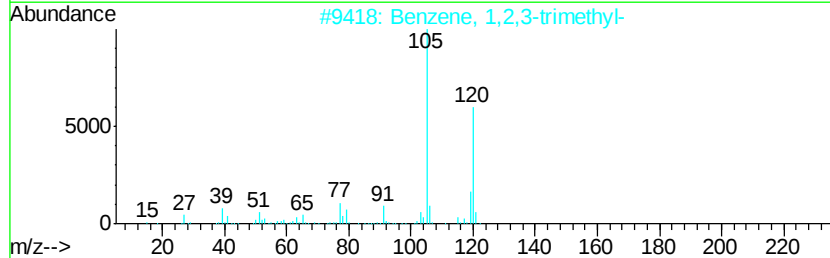
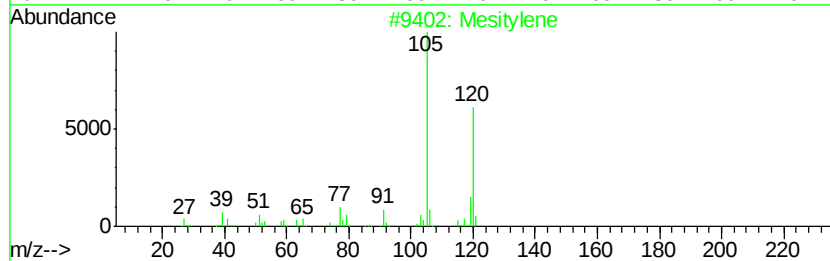
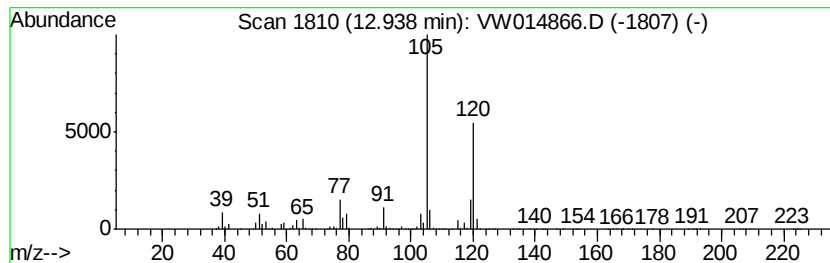
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Quant Title : VOC Analysis

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

Peak Number 8 Mesitylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	14.53 ug/L	26299700	1,4-Dichlorobenzene-d4	13.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene		120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-		120	C9H12	000526-73-8	95
3	Mesitylene		120	C9H12	000108-67-8	95
4	Mesitylene		120	C9H12	000108-67-8	94
5	Mesitylene		120	C9H12	000108-67-8	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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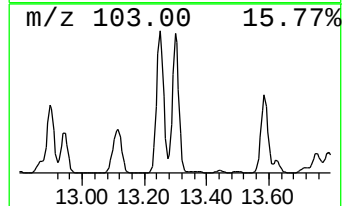
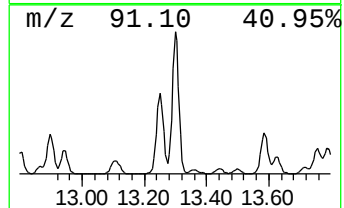
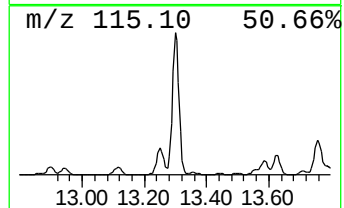
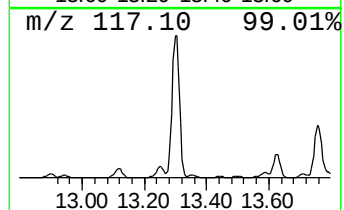
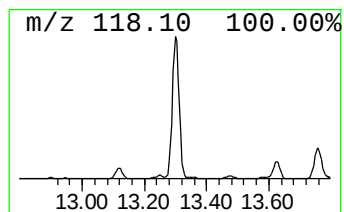
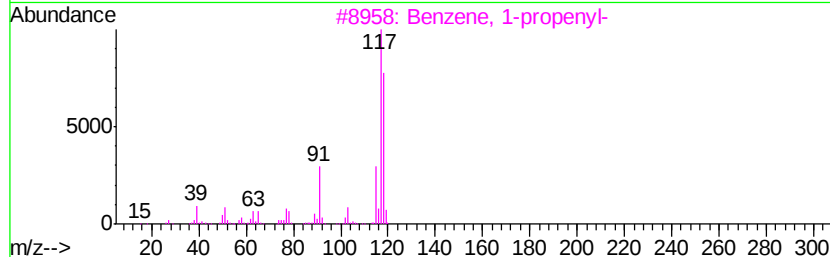
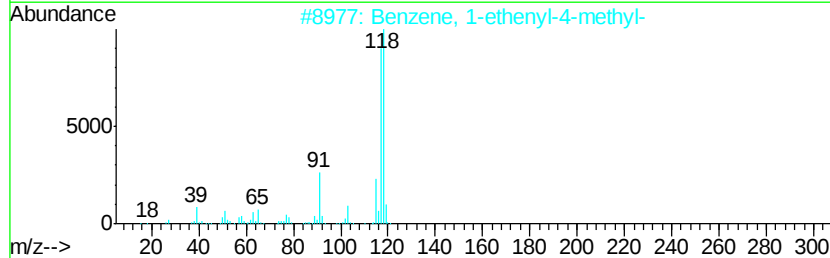
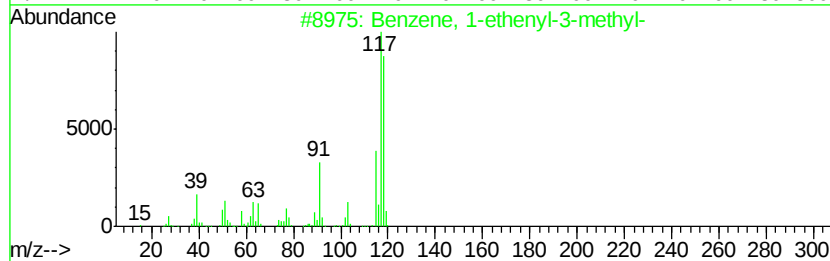
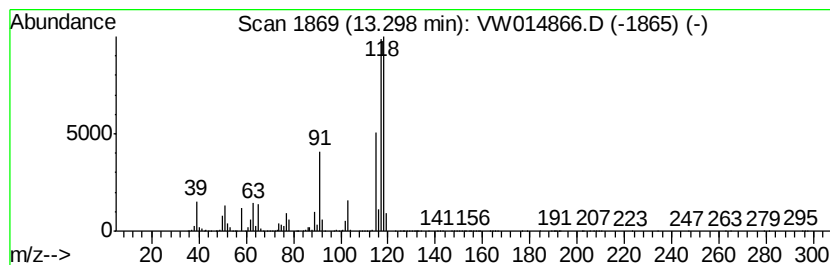
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Quant Title : VOC Analysis

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

Peak Number 11 Benzene, 1-ethenyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	36.77 ug/L	66563100	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	96
2		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
3		Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
4		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

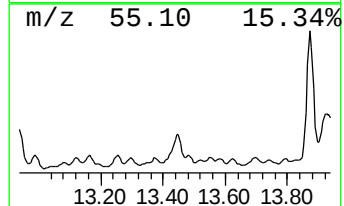
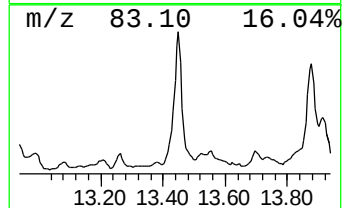
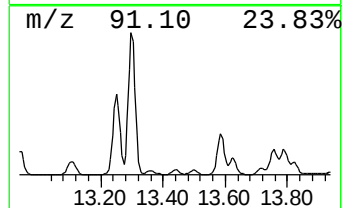
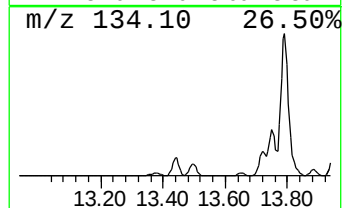
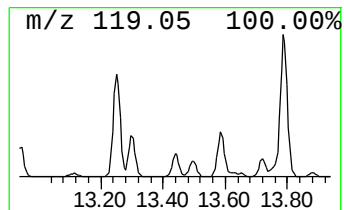
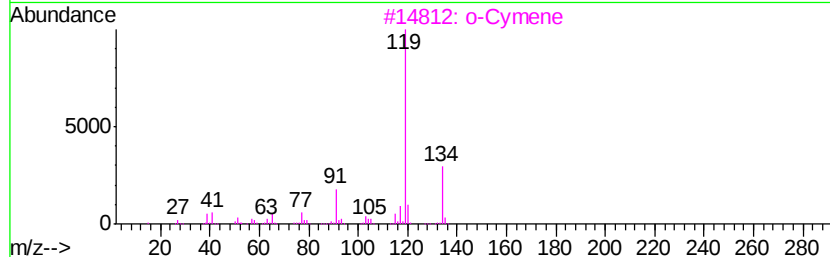
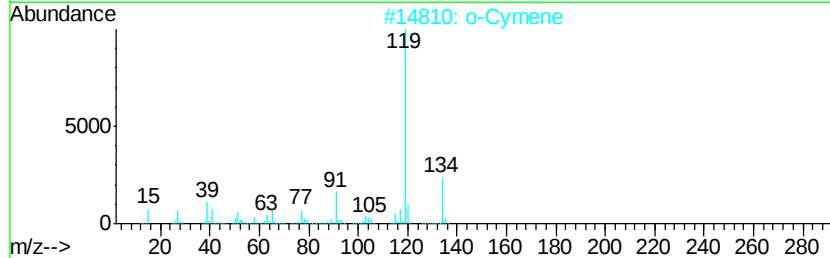
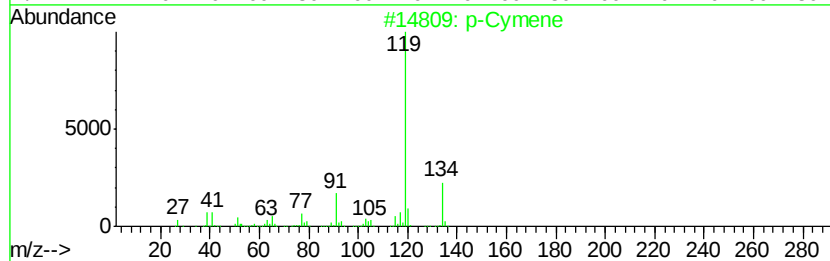
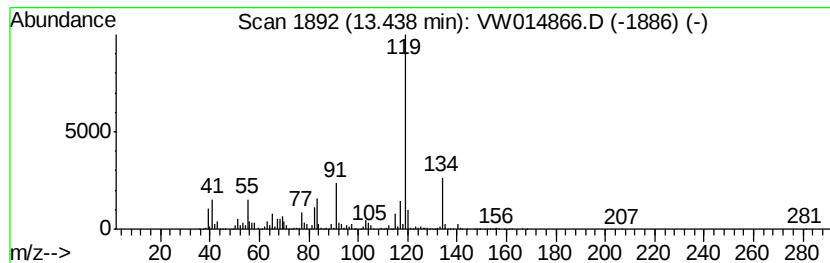
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 12 p-Cymene Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	2.14 ug/L	3868940	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	p-Cymene	134 C10H14	000099-87-6	95
2	o-Cymene	134 C10H14	000527-84-4	95
3	o-Cymene	134 C10H14	000527-84-4	95
4	o-Cymene	134 C10H14	000527-84-4	94
5	Benzene, 1-methyl-3-(1-methyleth...	134 C10H14	000535-77-3	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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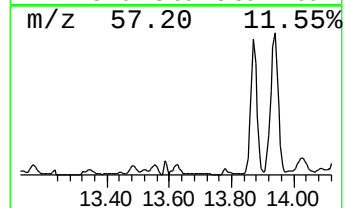
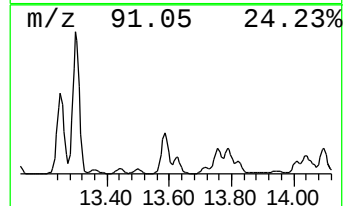
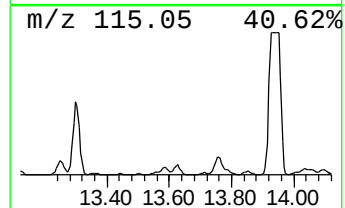
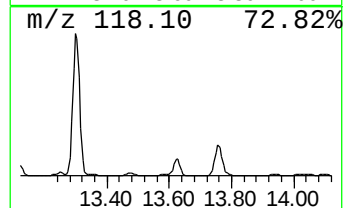
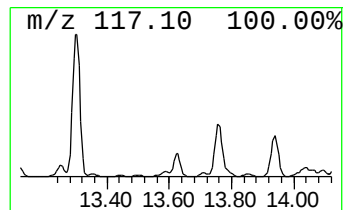
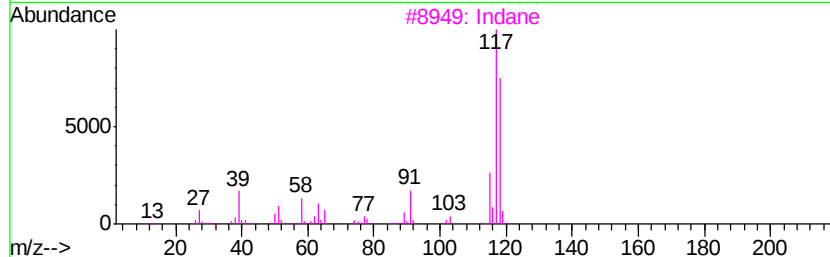
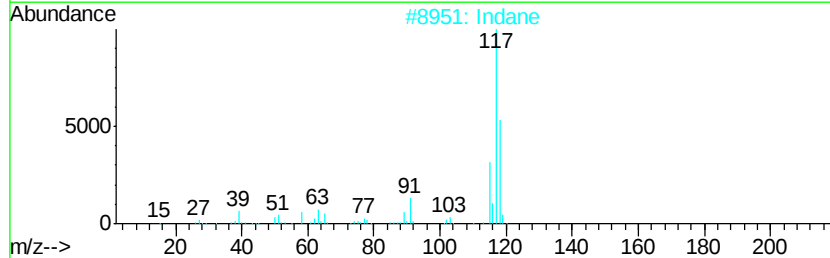
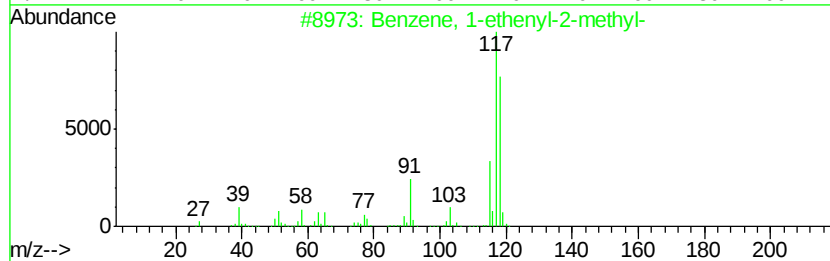
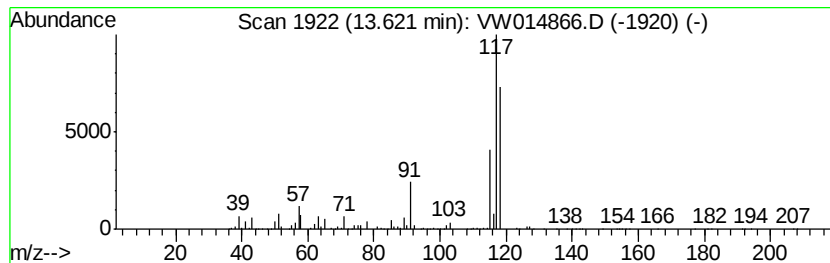
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Quant Title : VOC Analysis

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

Peak Number 14 Benzene, 1-ethenyl-2-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	4.62 ug/L	8370000	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
2		Indane	118	C9H10	000496-11-7	64
3		Indane	118	C9H10	000496-11-7	62
4		Indane	118	C9H10	000496-11-7	62
5		Benzene, cyclopropyl-	118	C9H10	000873-49-4	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT65

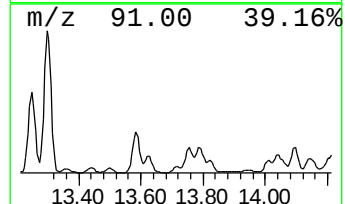
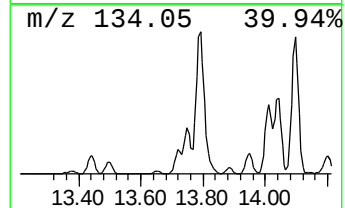
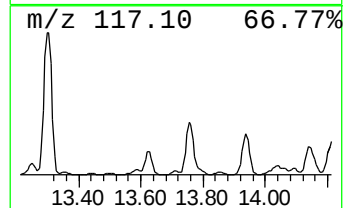
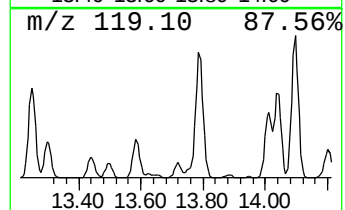
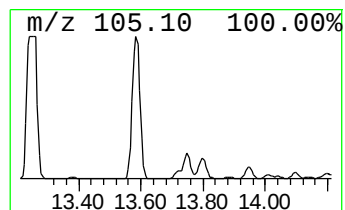
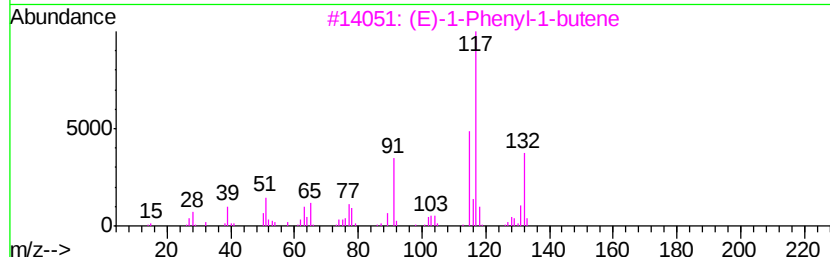
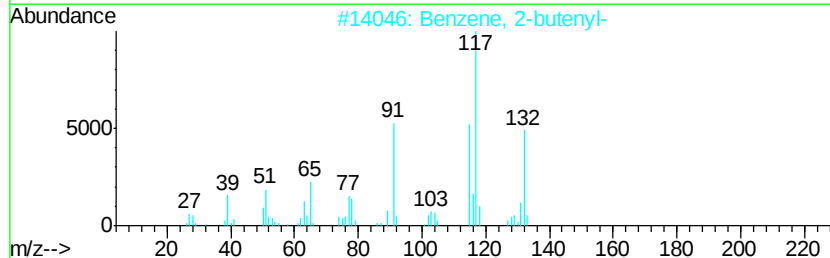
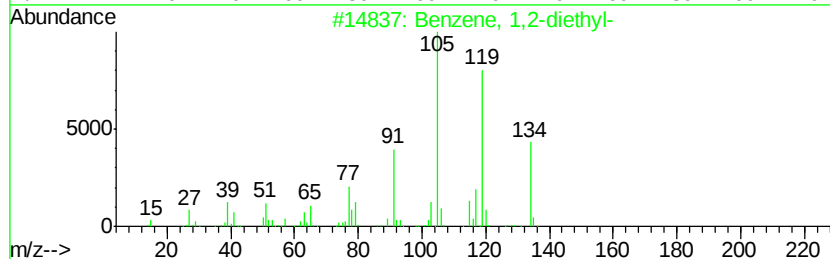
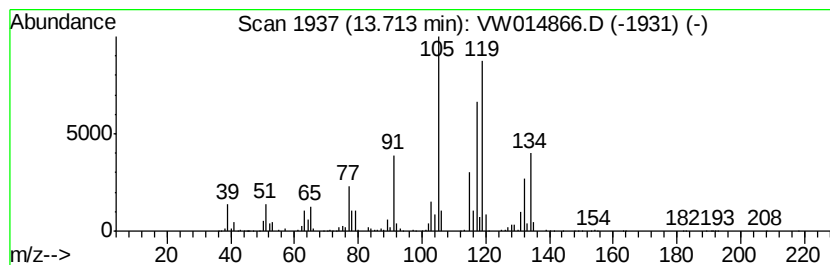
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Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 1,2-diethyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	2.17 ug/L	3924840	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
2		Benzene, 2-butenyl-	132	C10H12	001560-06-1	93
3		(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	83
4		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
5		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT65

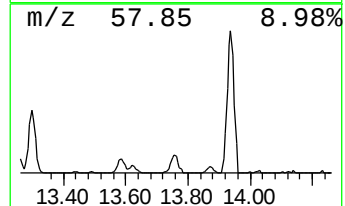
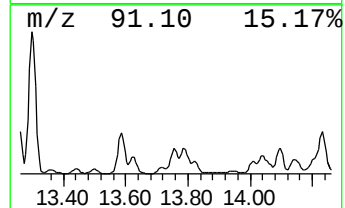
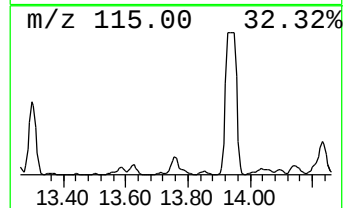
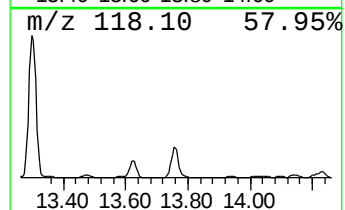
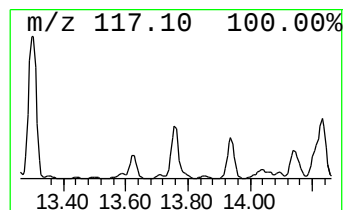
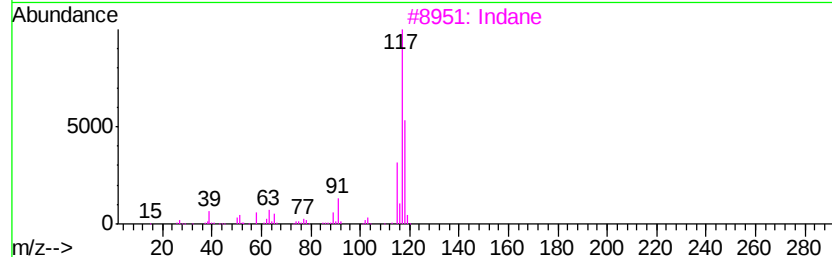
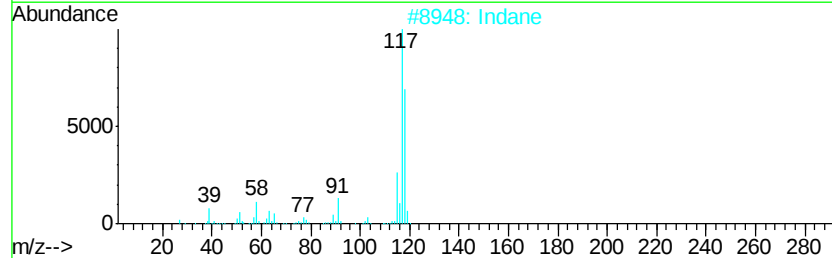
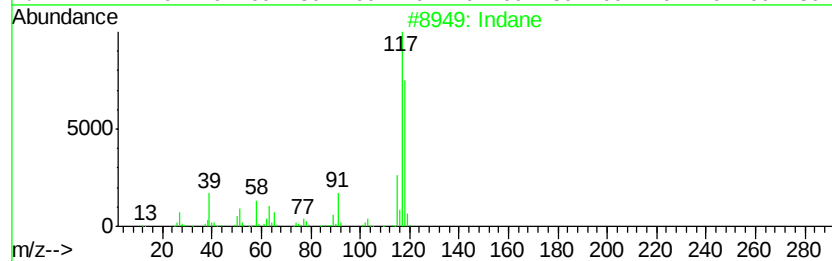
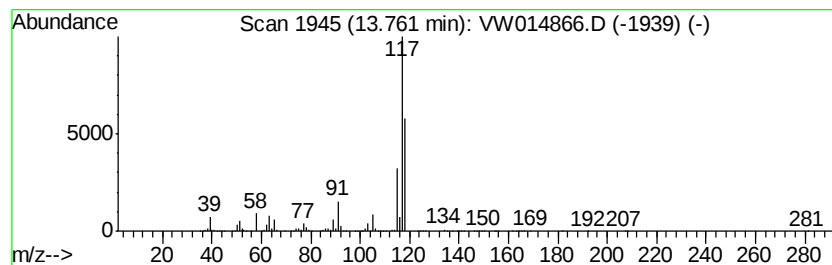
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Quant Title : VOC Analysis

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

Peak Number 16 Indane Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	9.46 ug/L	17125600	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	70
3		Indane	118	C9H10	000496-11-7	70
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
5		Benzene, 1-propenyl-	118	C9H10	000637-50-3	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT65

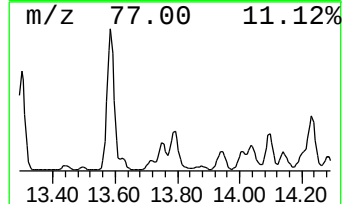
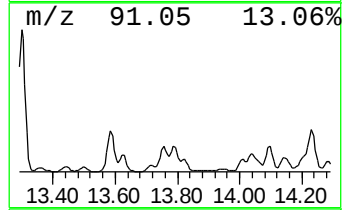
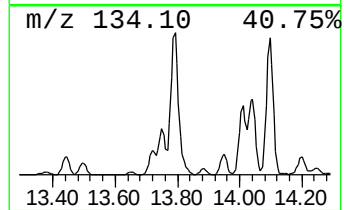
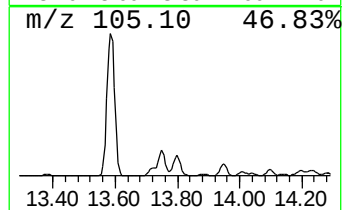
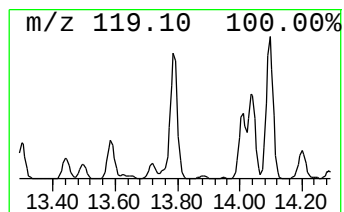
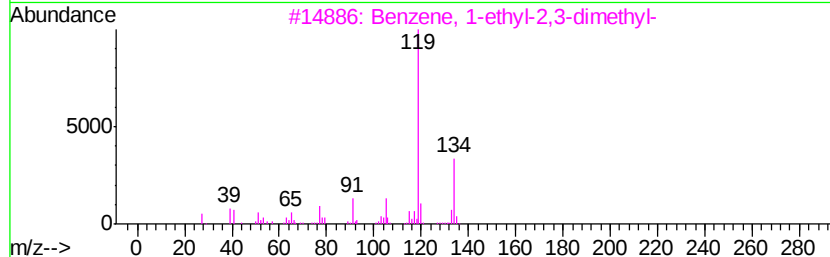
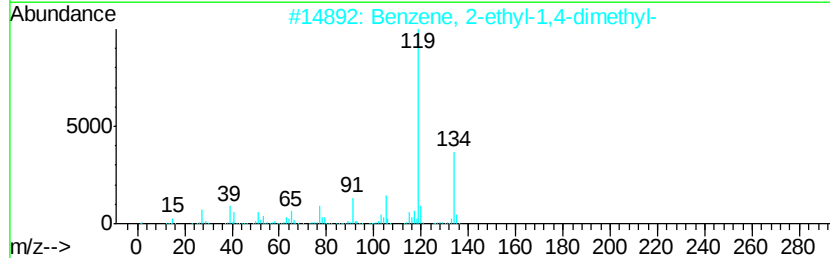
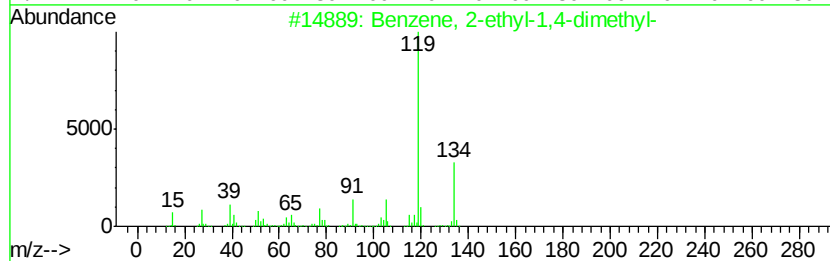
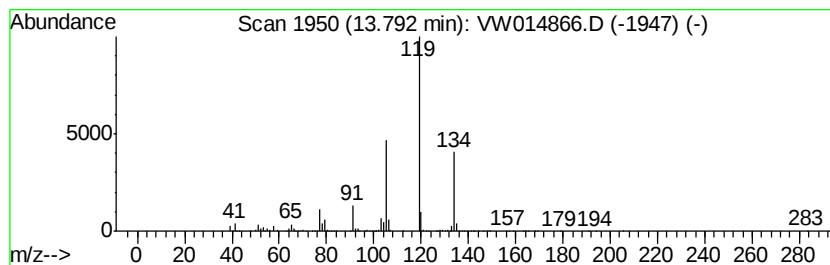
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Quant Title : VOC Analysis

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

Peak Number 17 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	7.65 ug/L	13848500	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT65

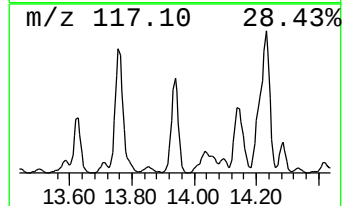
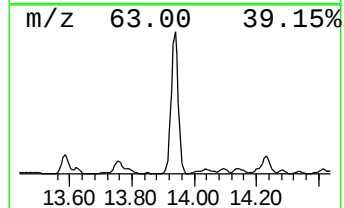
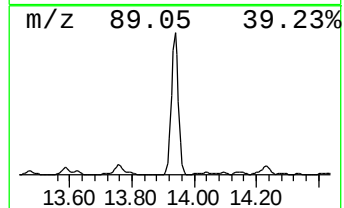
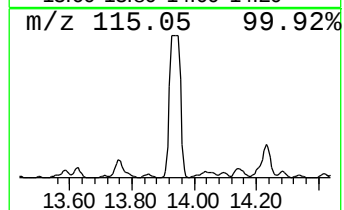
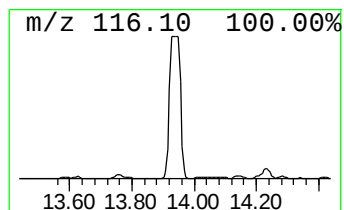
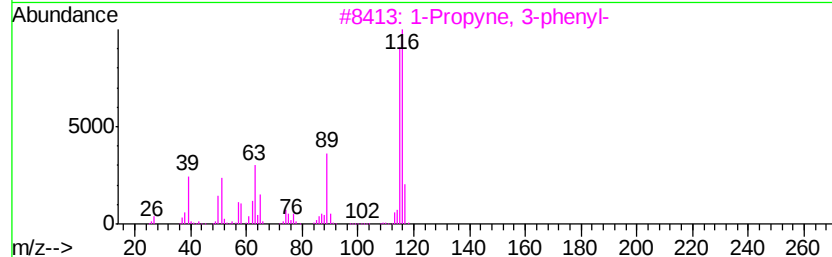
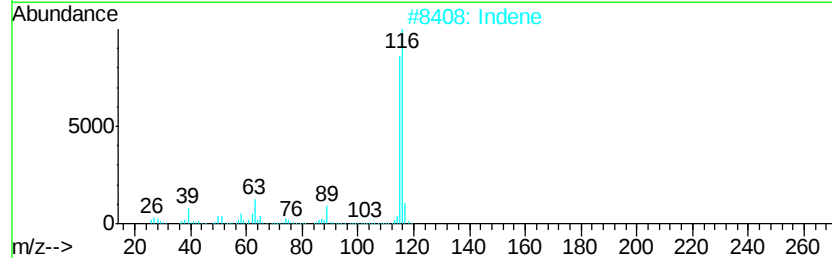
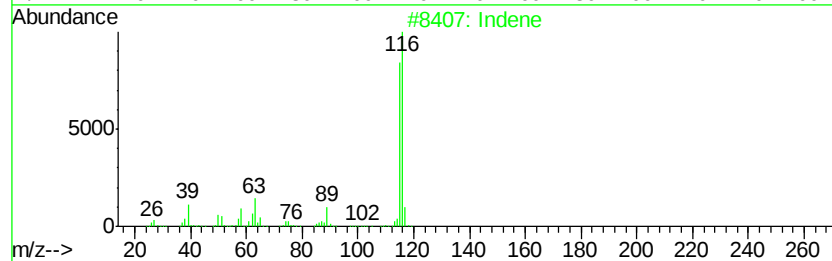
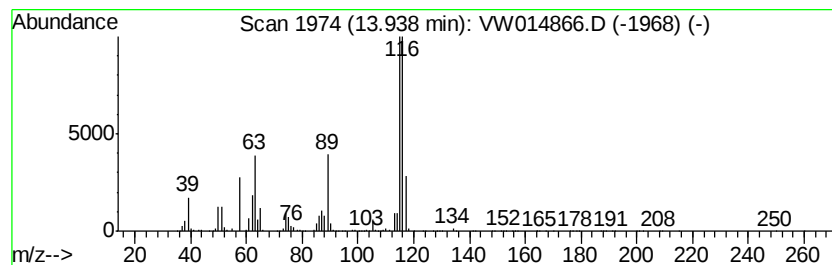
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Quant Title : VOC Analysis

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

Peak Number 18 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	55.74 ug/L	100898000	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	97
2		Indene	116	C9H8	000095-13-6	95
3		1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
4		Indene	116	C9H8	000095-13-6	93
5		Benzene, 1-propynyl-	116	C9H8	000673-32-5	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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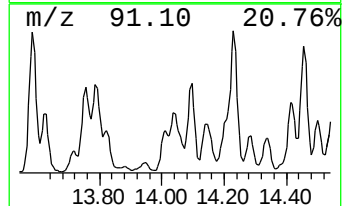
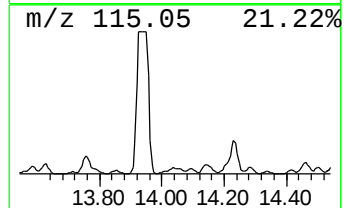
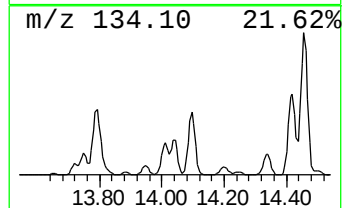
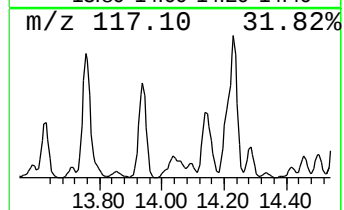
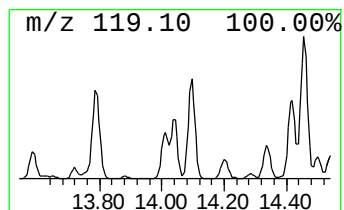
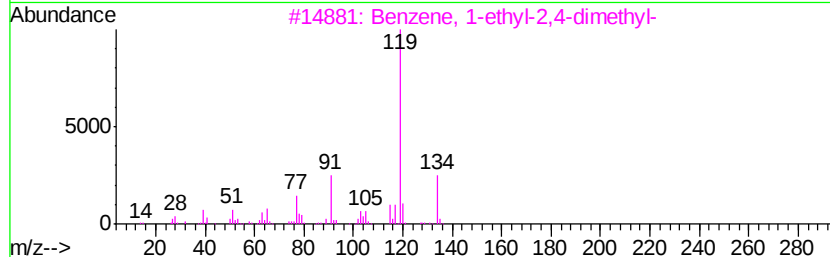
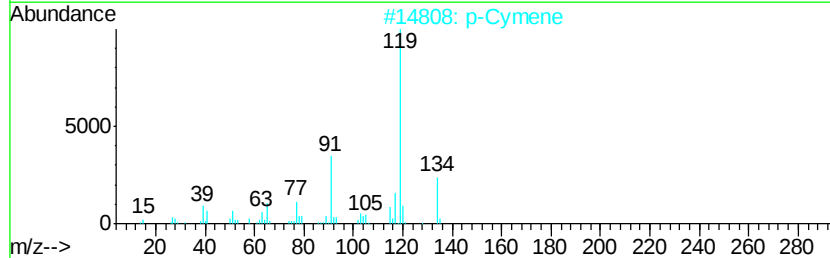
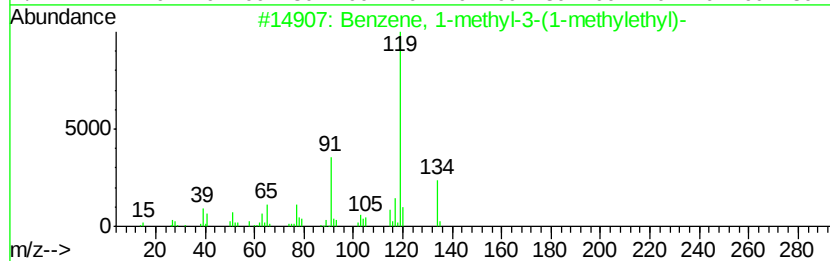
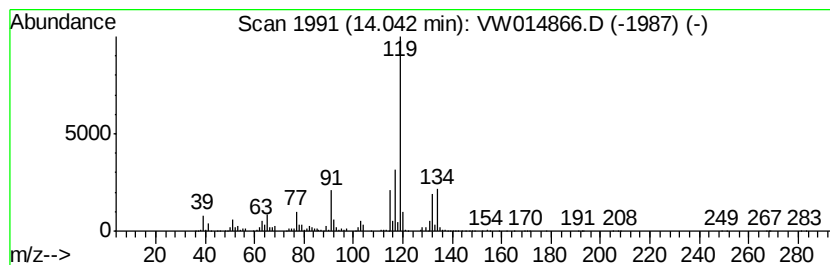
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Quant Title : VOC Analysis

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

Peak Number 20 Benzene, 1-methyl-3-(1-meth... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	6.31 ug/L	11413900	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	64
2		p-Cymene	134	C10H14	000099-87-6	60
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60
4		o-Cymene	134	C10H14	000527-84-4	53
5		o-Cymene	134	C10H14	000527-84-4	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT65

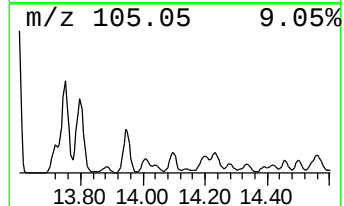
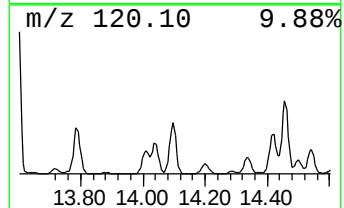
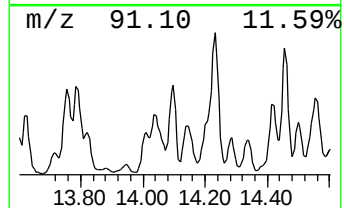
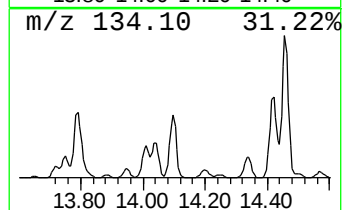
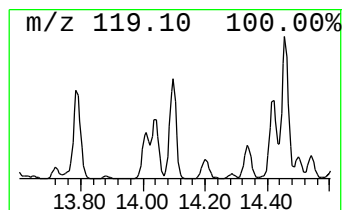
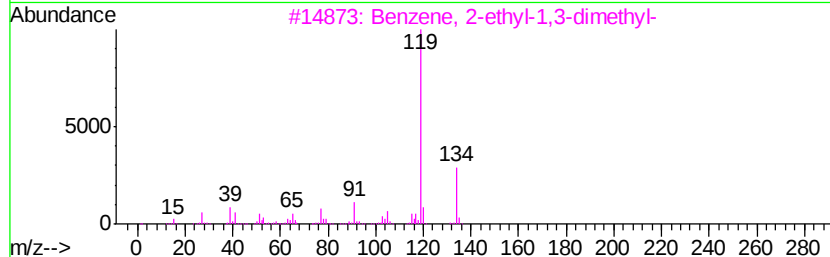
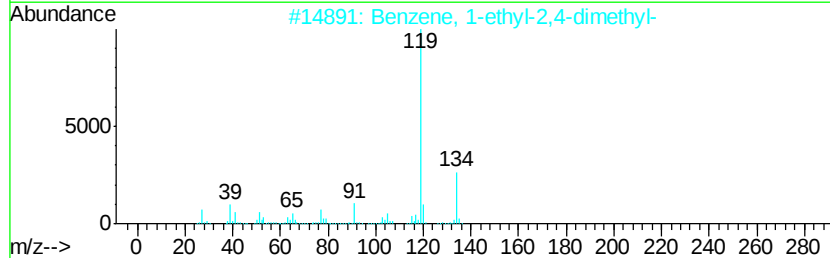
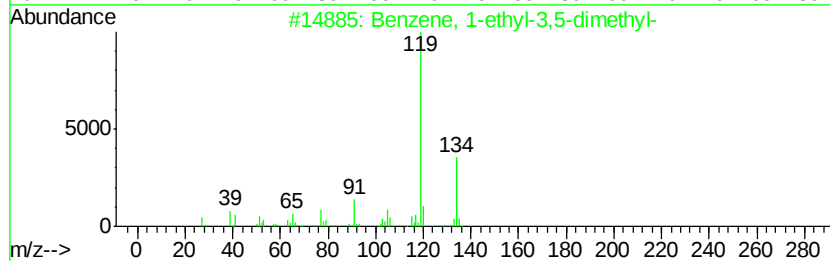
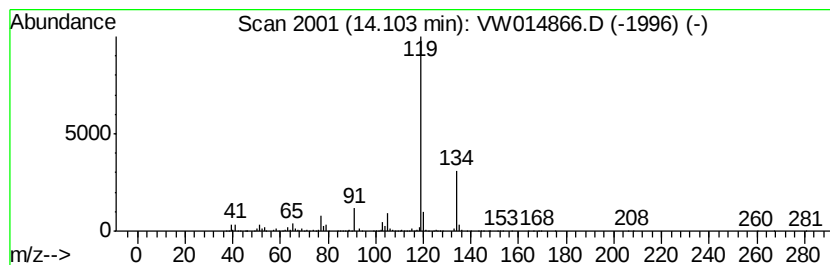
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Quant Title : VOC Analysis

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

Peak Number 21 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	6.43 ug/L	11648600	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, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT65

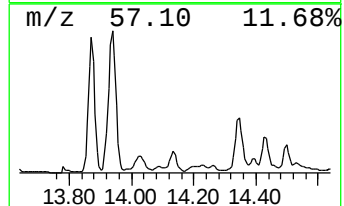
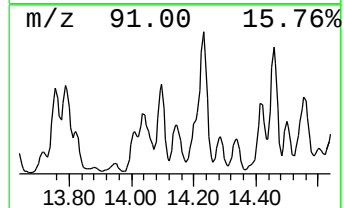
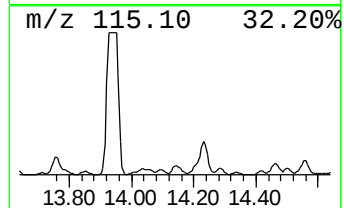
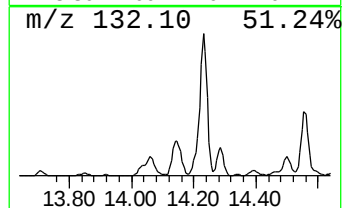
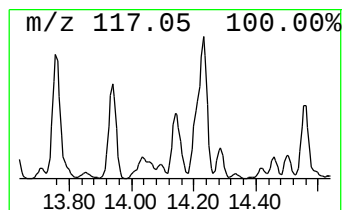
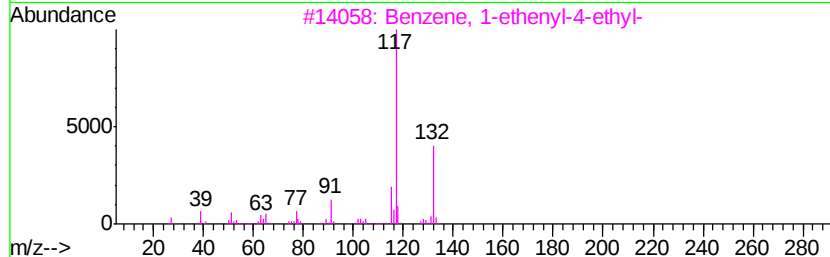
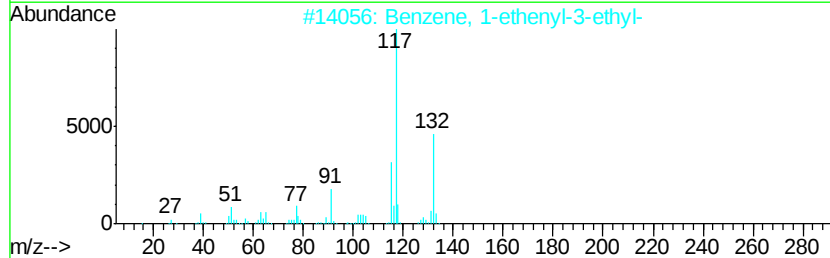
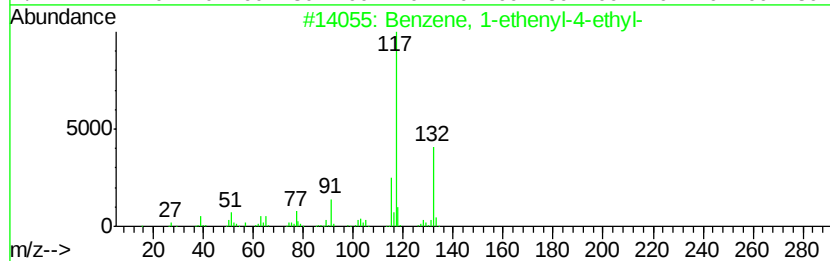
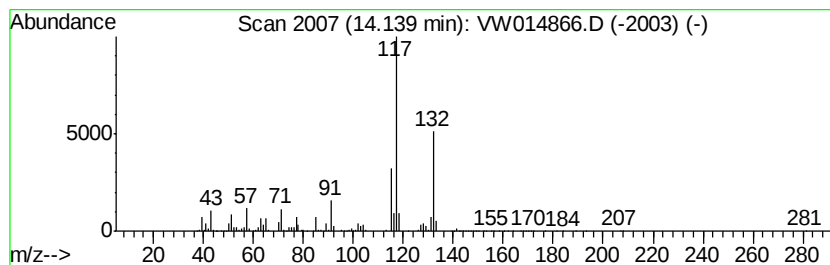
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Quant Title : VOC Analysis

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

Peak Number 22 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	6.04 ug/L	10936500	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	93
2		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT65

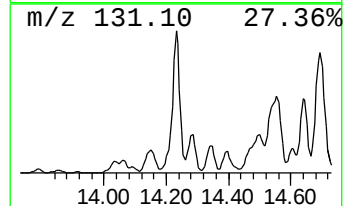
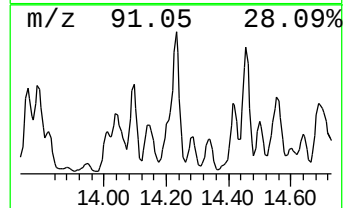
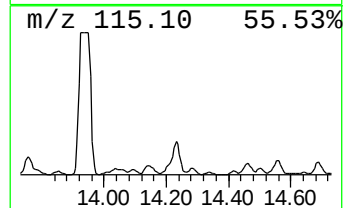
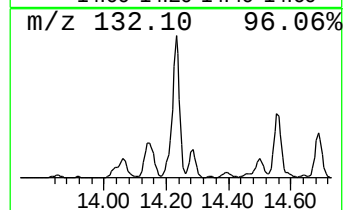
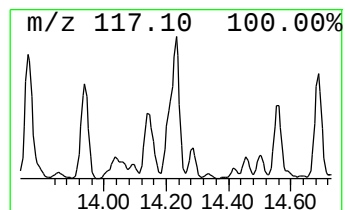
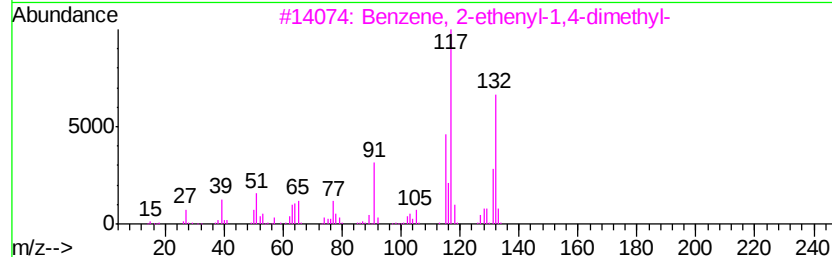
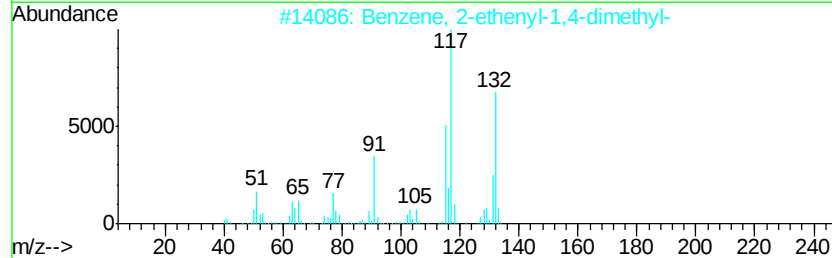
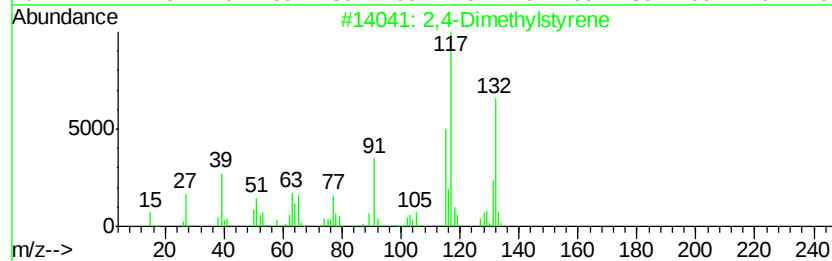
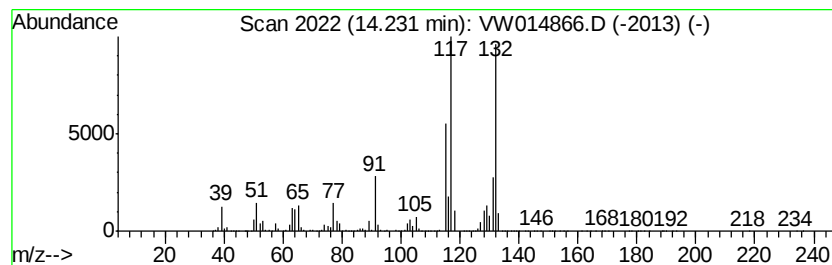
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Quant Title : VOC Analysis

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

Peak Number 23 2,4-Dimethylstyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	21.30 ug/L	38559300	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Dimethylstyrene	132	C10H12	002234-20-0	97
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
3		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
4		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	95
5		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT65

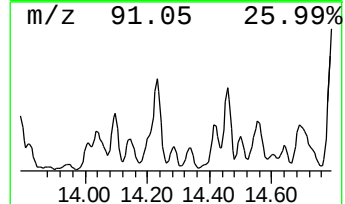
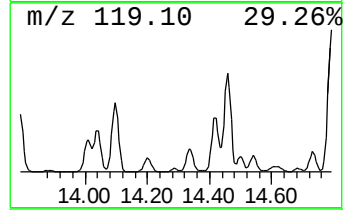
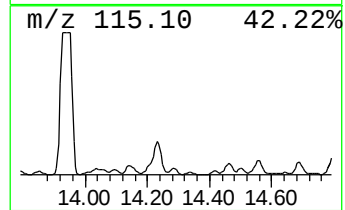
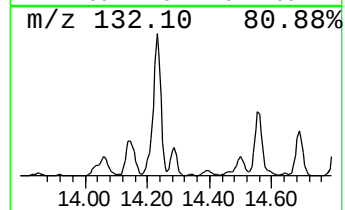
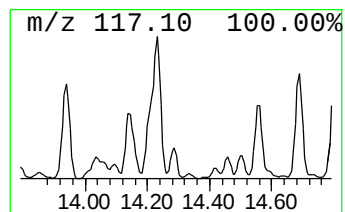
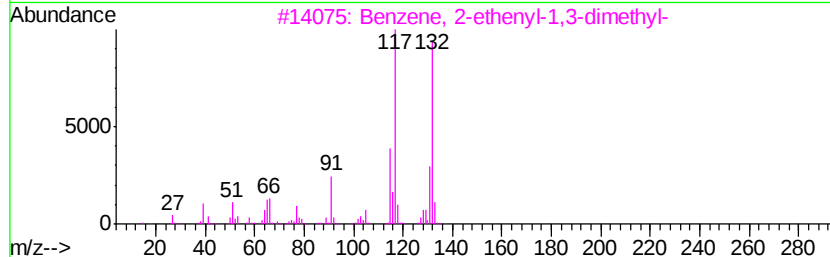
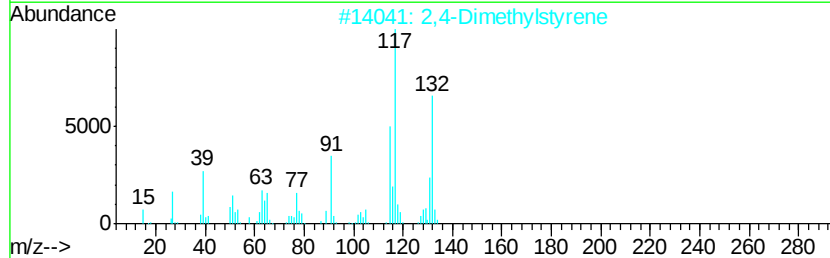
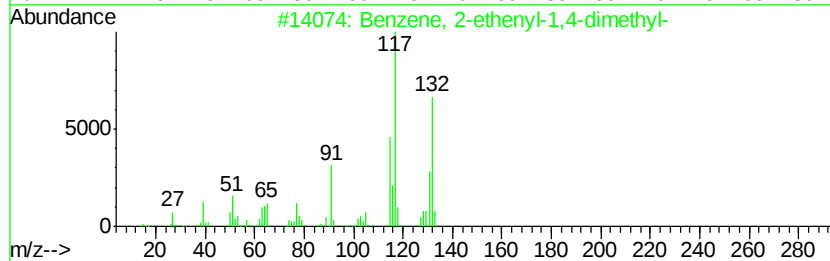
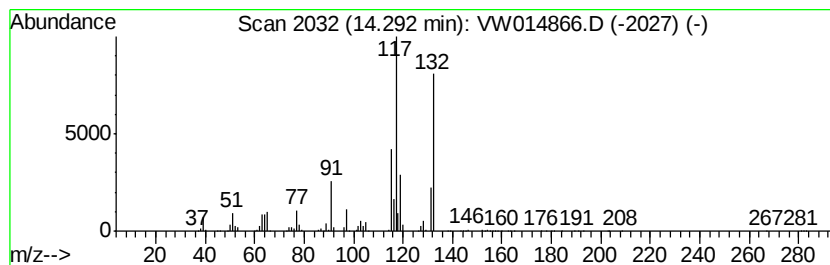
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Quant Title : VOC Analysis

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

Peak Number 24 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	3.08 ug/L	5567110	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	93
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	93
3		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	93
4		Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	93
5		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT65

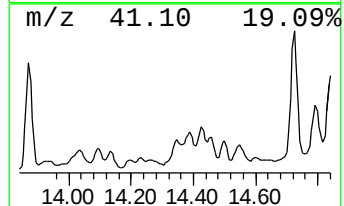
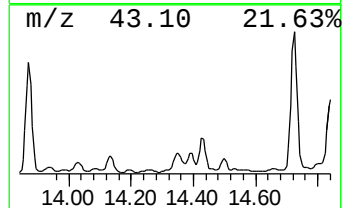
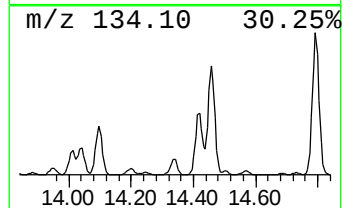
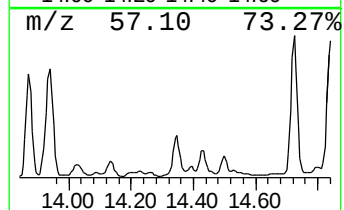
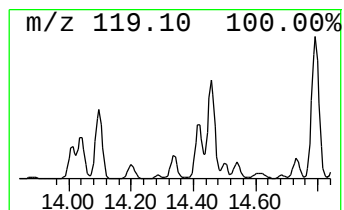
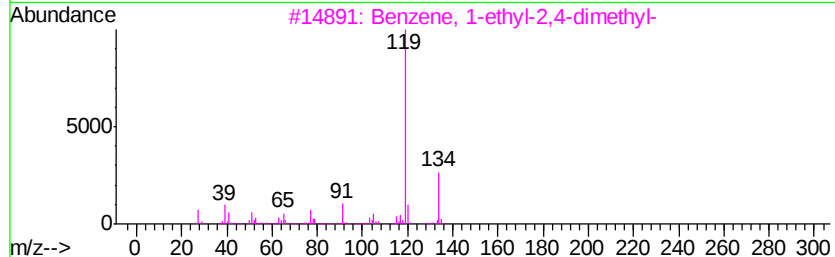
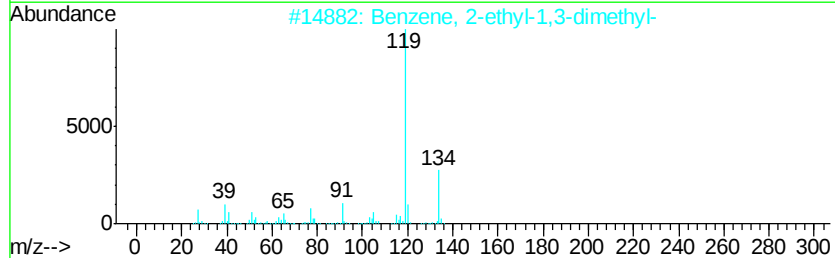
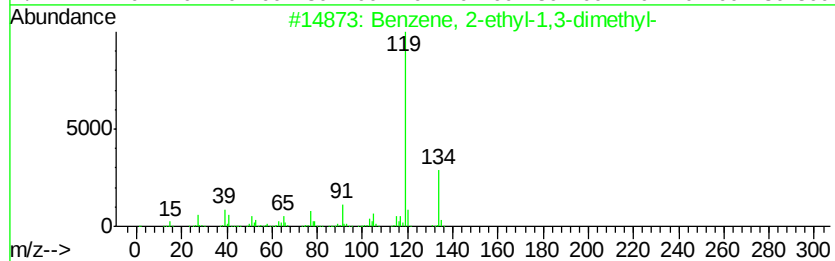
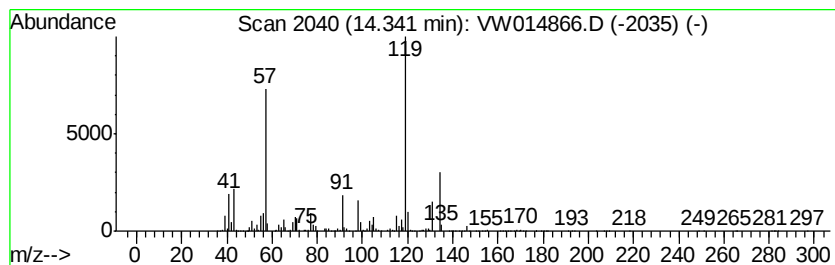
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Quant Title : VOC Analysis

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

Peak Number 25 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	4.98 ug/L	9013270	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
4		o-Cymene	134	C10H14	000527-84-4	86
5		p-Cymene	134	C10H14	000099-87-6	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT65

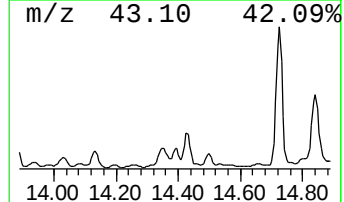
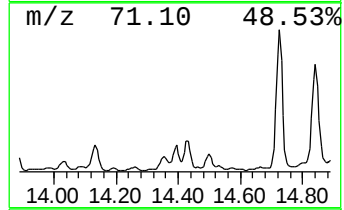
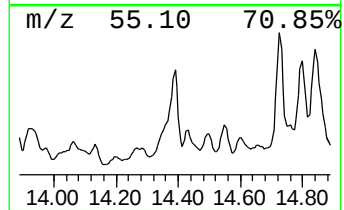
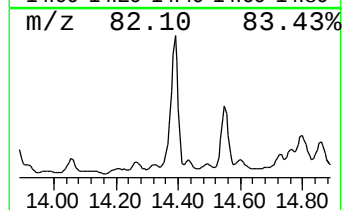
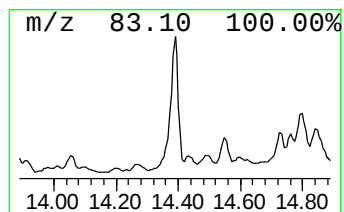
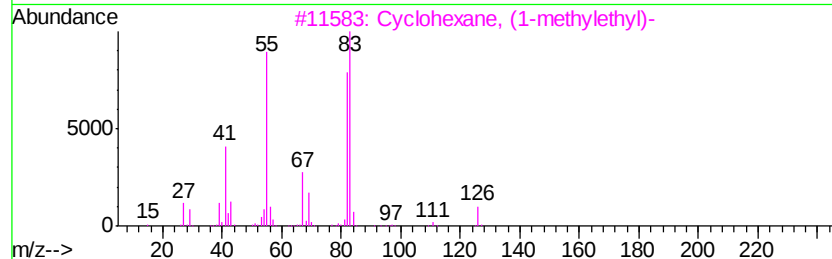
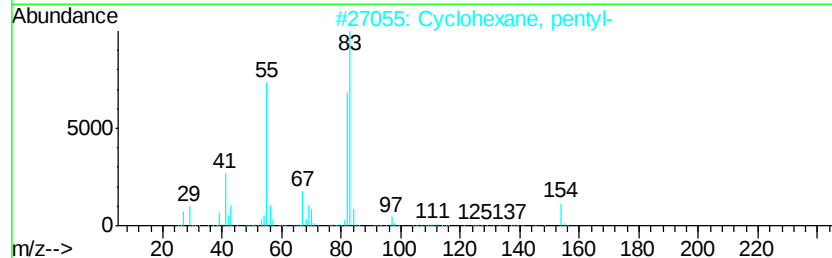
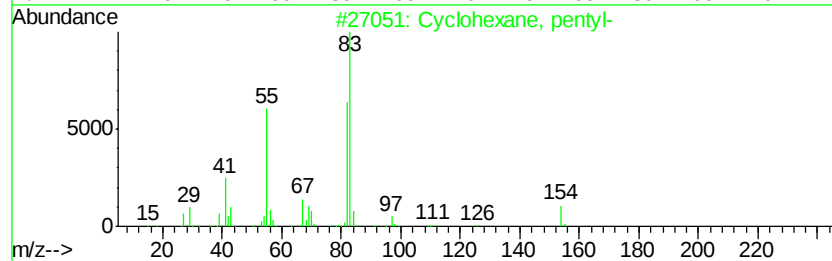
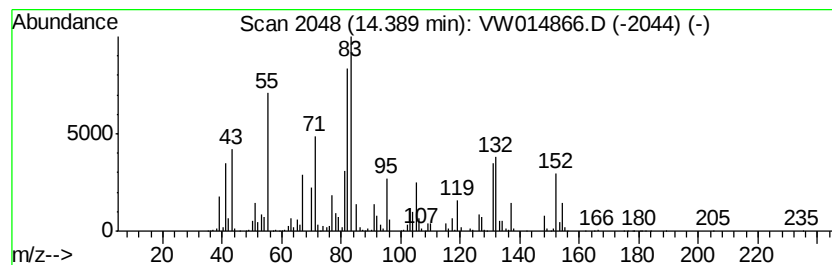
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Quant Title : VOC Analysis

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

Peak Number 26 (DEL) Alkane: Cyclic14.39 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	3.21 ug/L	5804040	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAT65

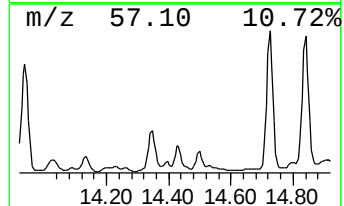
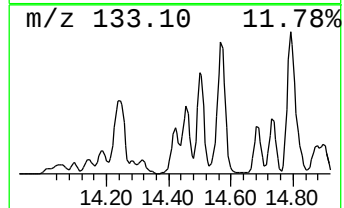
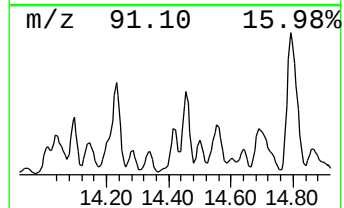
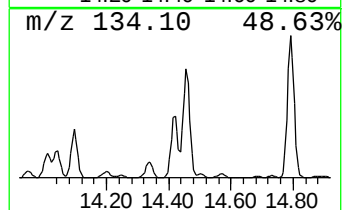
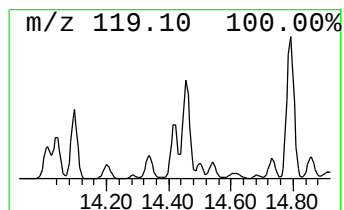
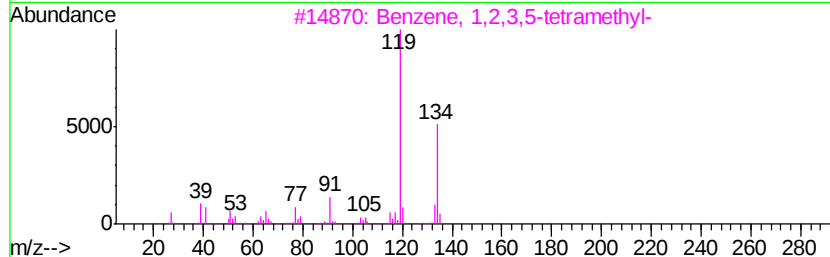
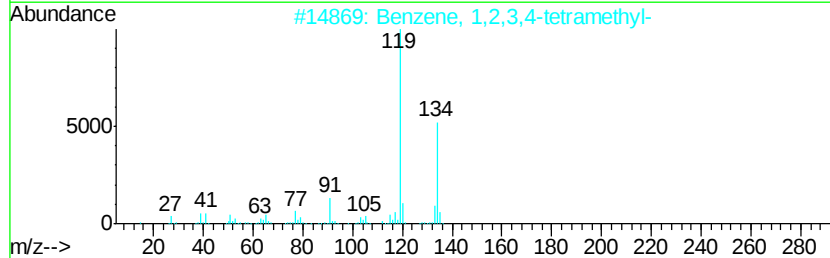
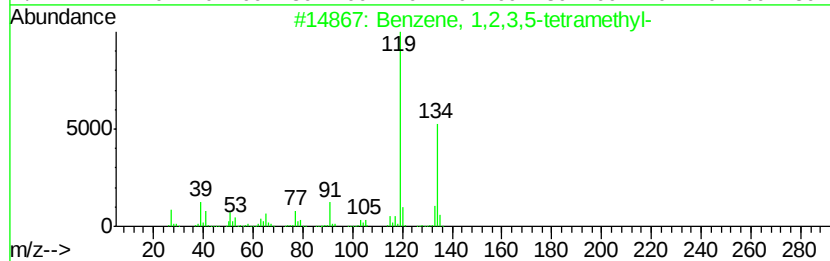
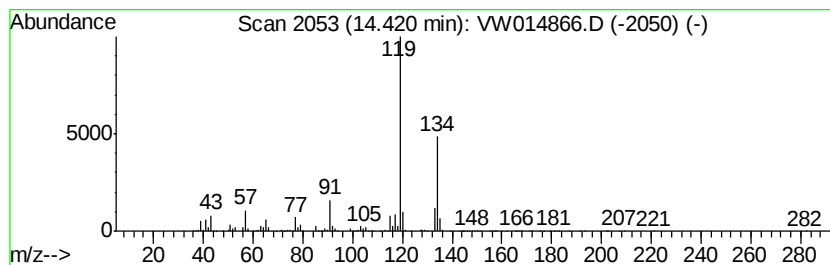
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Quant Title : VOC Analysis

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

Peak Number 27 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	7.67 ug/L	13888200	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT65

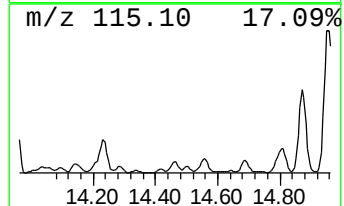
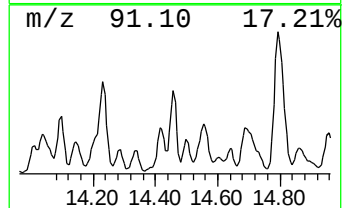
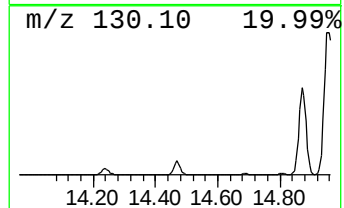
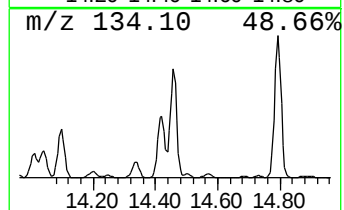
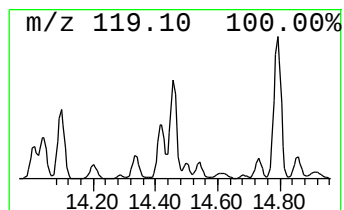
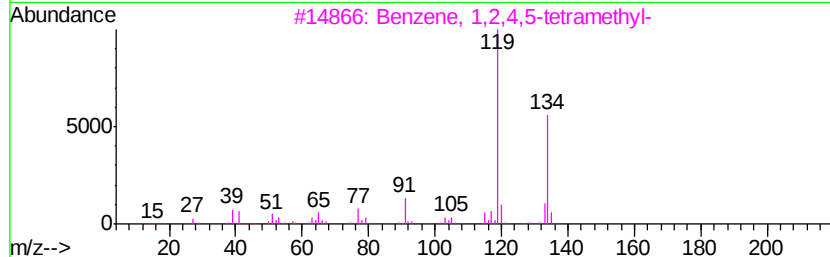
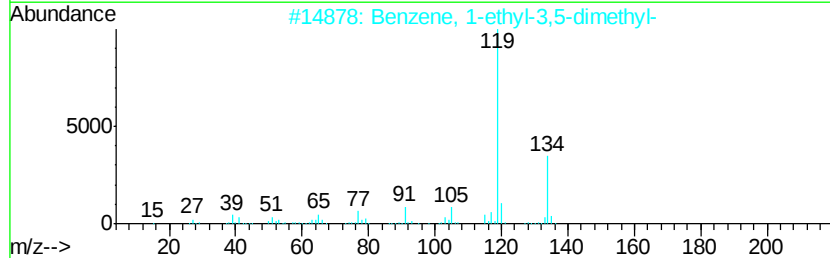
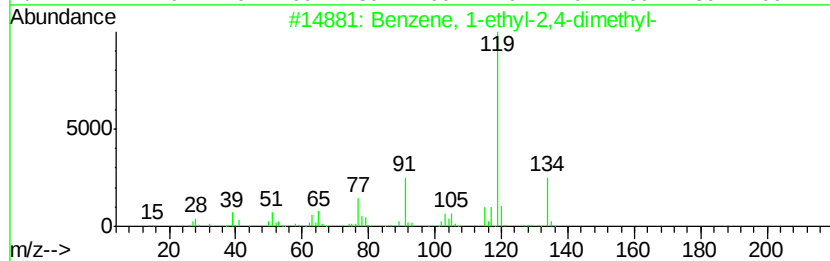
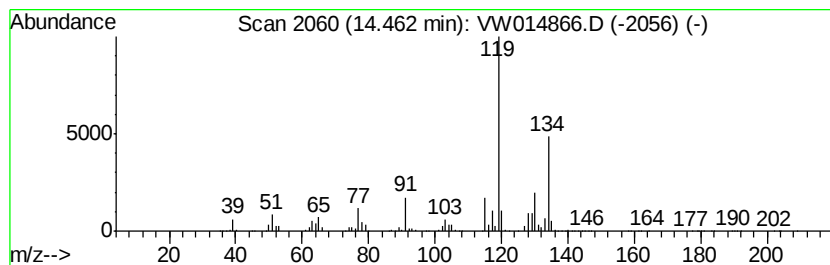
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Quant Title : VOC Analysis

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

Peak Number 28 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	13.15 ug/L	23798000	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

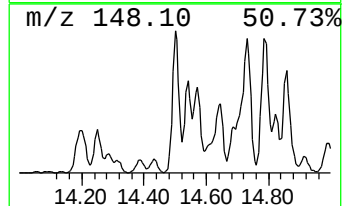
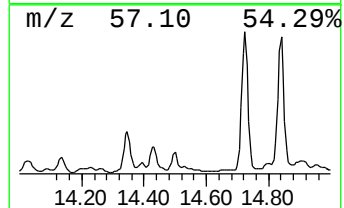
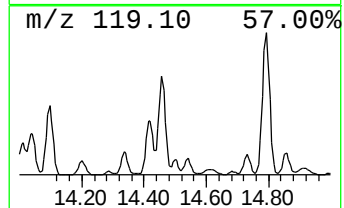
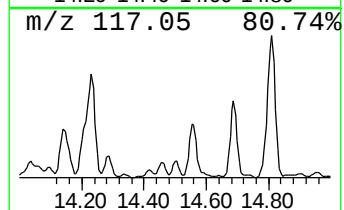
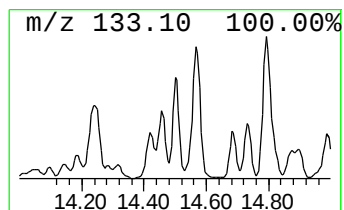
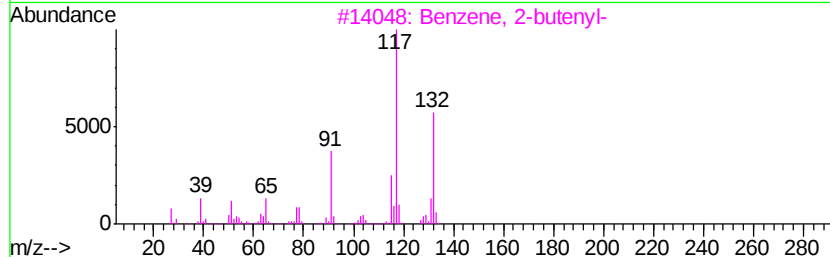
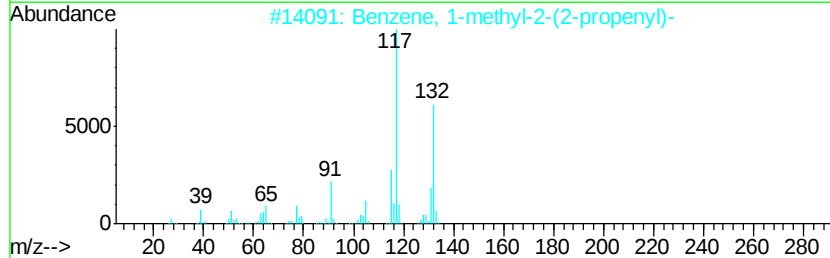
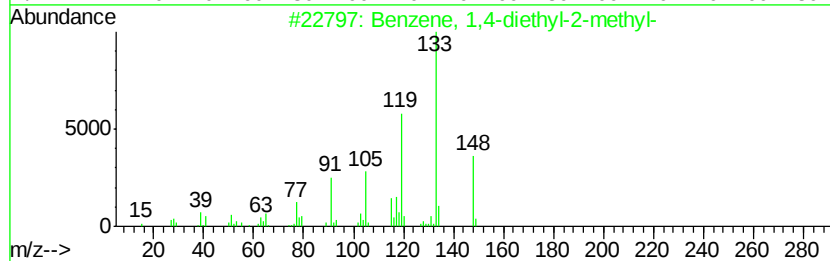
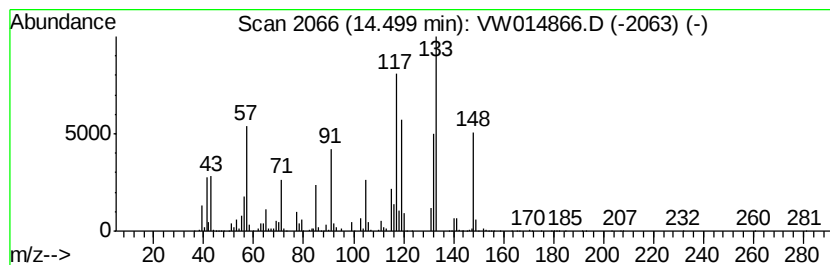
Instrument :
MSVOA_W
ClientSampleId :
GAT65

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 29 unknown-01 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	4.47 ug/L	8099180	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,4-diethyl-2-methyl-	148 C11H16	013632-94-5 49
2		Benzene, 1-methyl-2-(2-propenyl)-	132 C10H12	001587-04-8 46
3		Benzene, 2-butenyl-	132 C10H12	001560-06-1 46
4		Benzene, (2-methyl-1-propenyl)-	132 C10H12	000768-49-0 46
5		Benzene, (2-methyl-1-propenyl)-	132 C10H12	000768-49-0 41



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT65

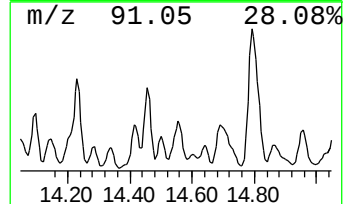
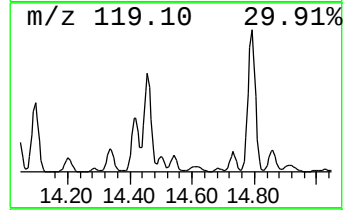
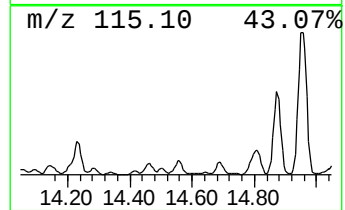
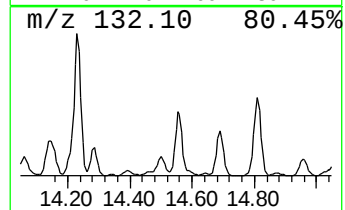
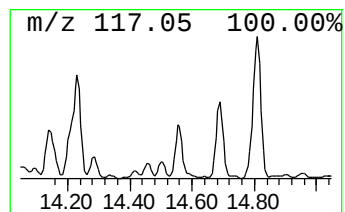
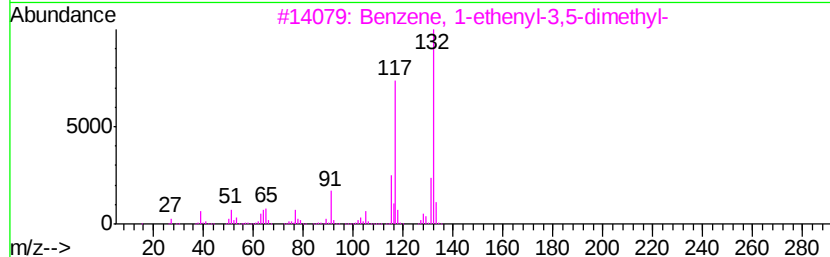
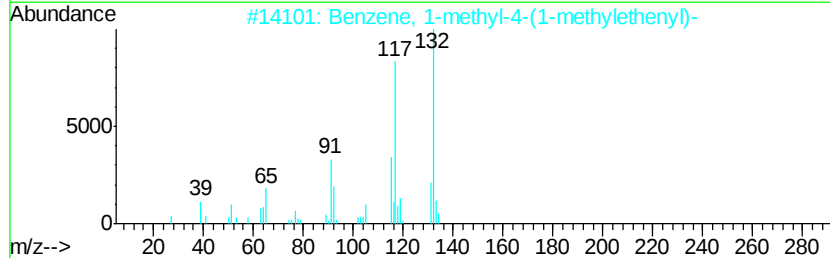
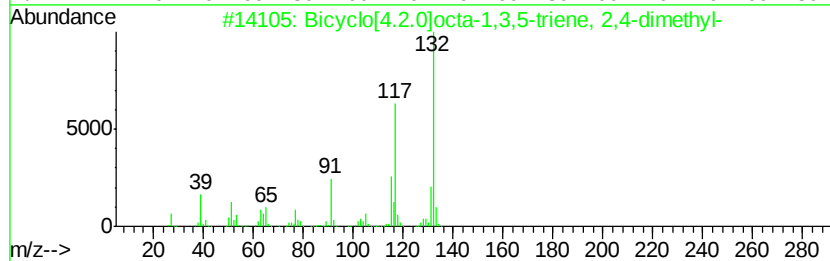
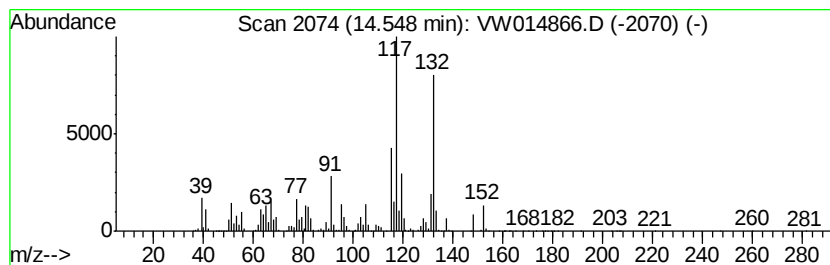
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Quant Title : VOC Analysis

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

Peak Number 30 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	9.81 ug/L	17761800	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	96
2		Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	94
3		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	93
4		Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	91
5		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT65

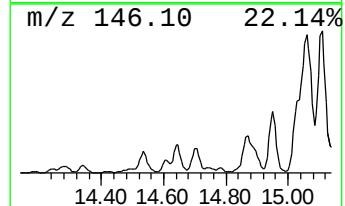
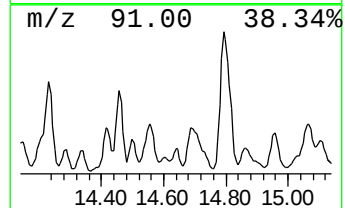
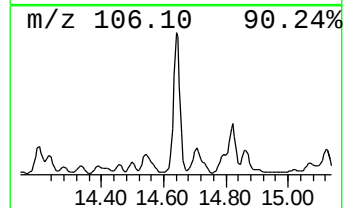
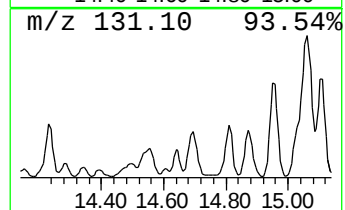
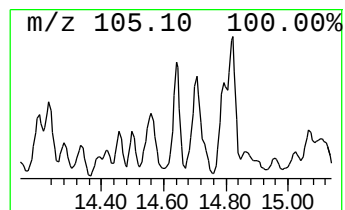
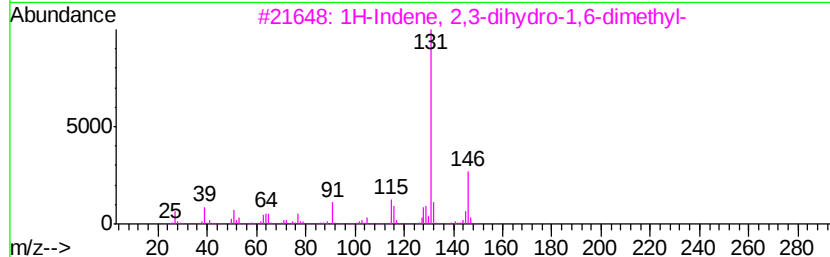
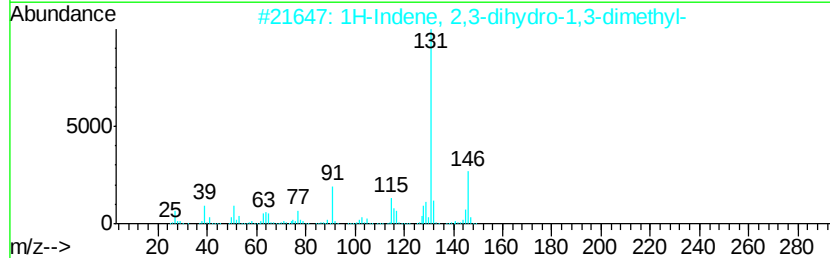
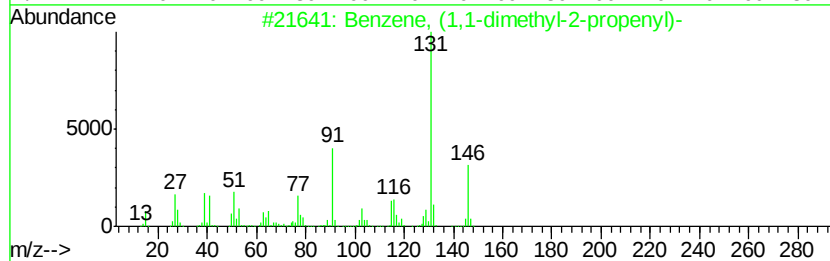
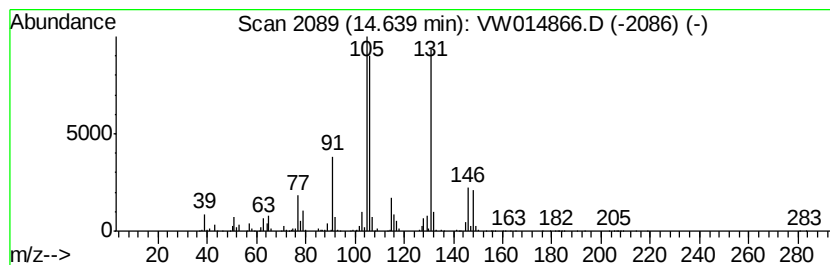
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Quant Title : VOC Analysis

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

Peak Number 31 Benzene, (1,1-dimethyl-2-propenyl) Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	1.47 ug/L	2660120	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	89
2		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	86
3		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	50
4		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	50
5		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT65

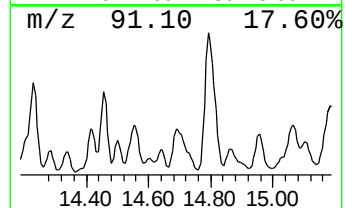
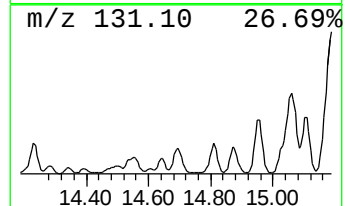
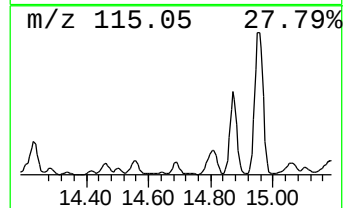
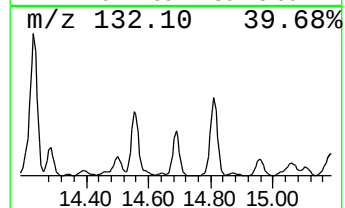
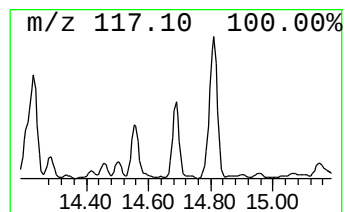
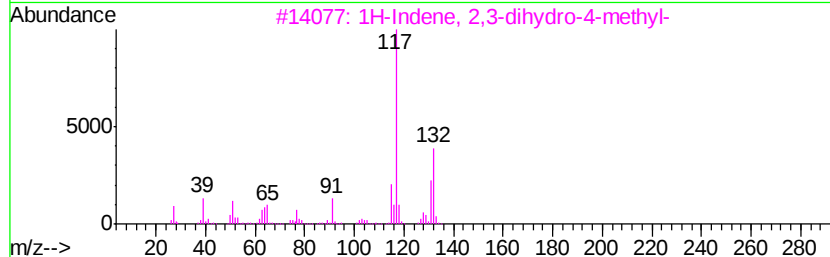
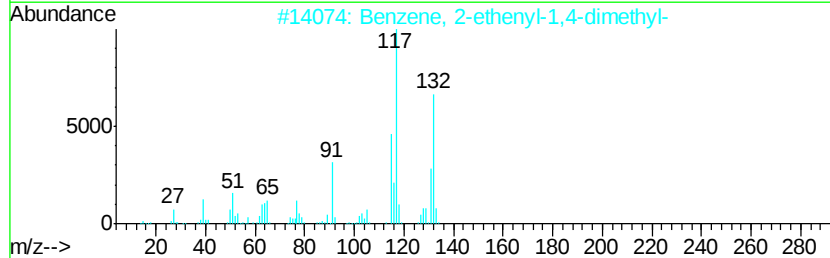
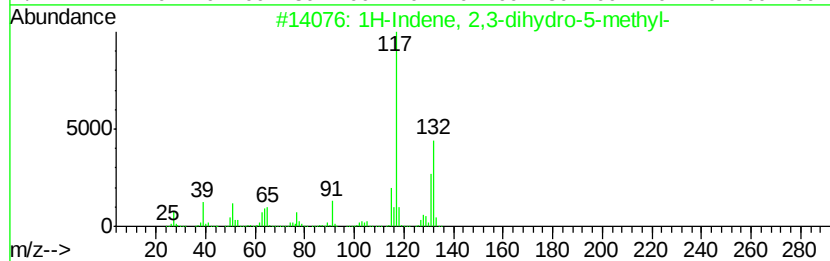
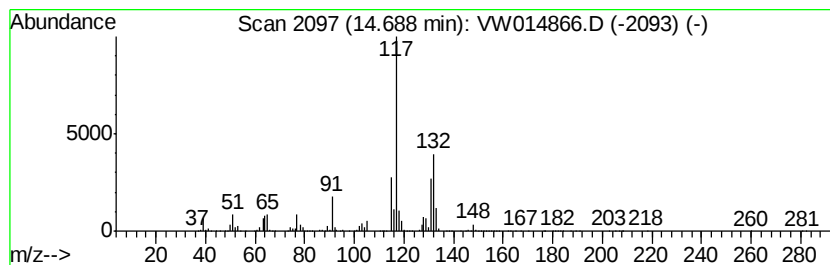
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 32 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	8.35 ug/L	15111900	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5			3-Phenylbut-1-ene	132	C10H12	000934-10-1	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT65

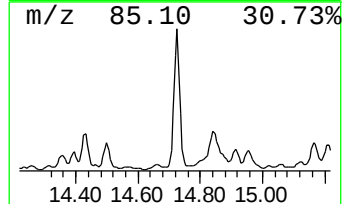
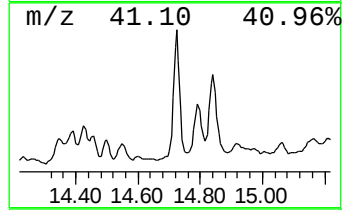
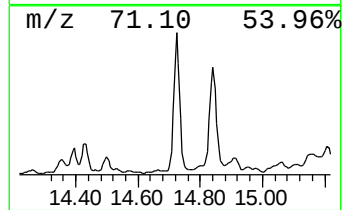
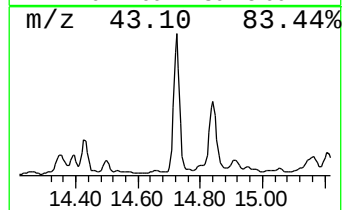
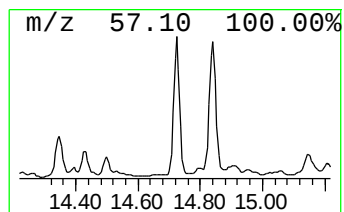
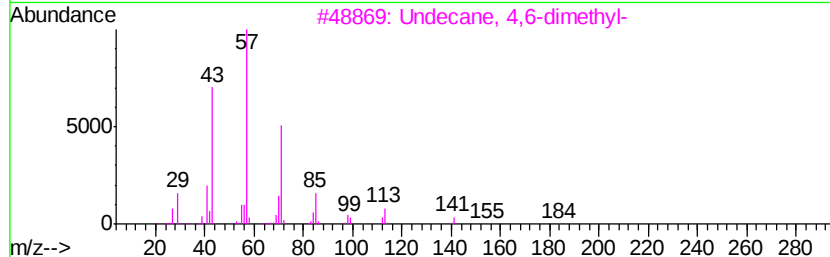
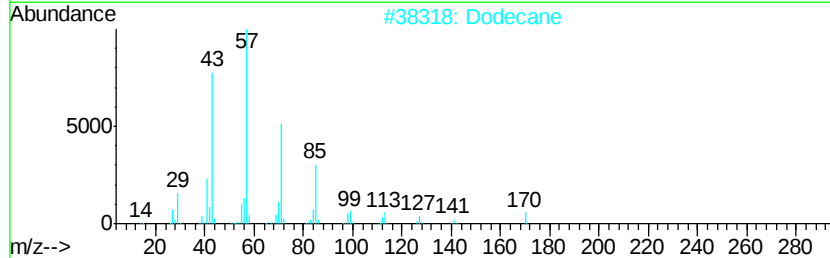
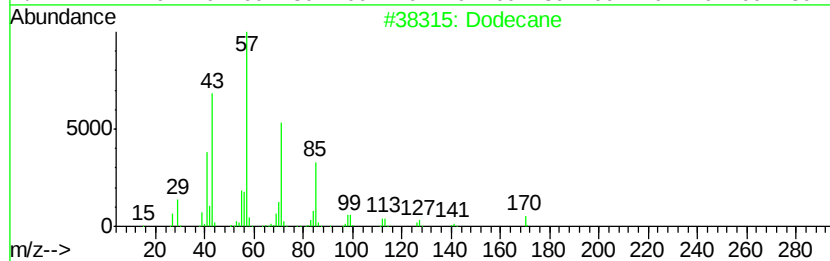
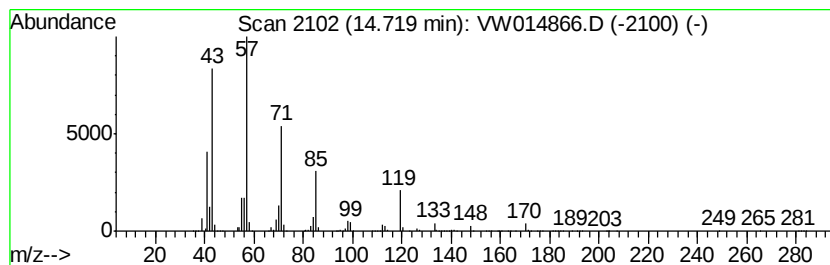
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Quant Title : VOC Analysis

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	11.82 ug/L	21387700	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	95
2		Dodecane	170	C12H26	000112-40-3	70
3		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	60
4		Tetradecane	198	C14H30	000629-59-4	58
5		Tetradecane	198	C14H30	000629-59-4	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAT65

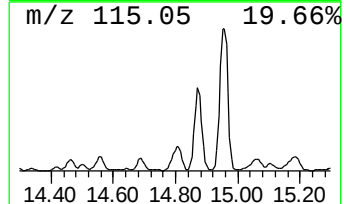
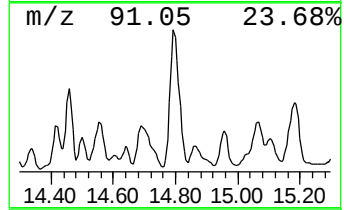
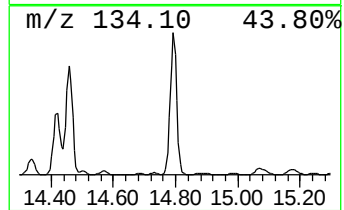
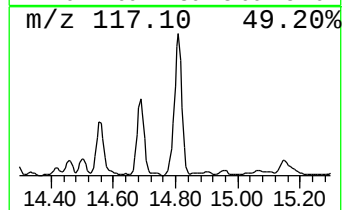
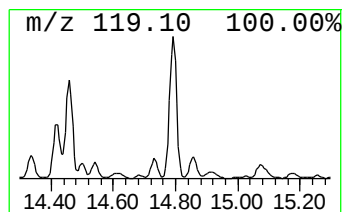
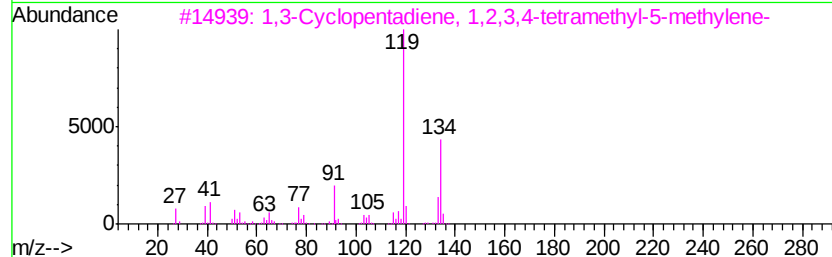
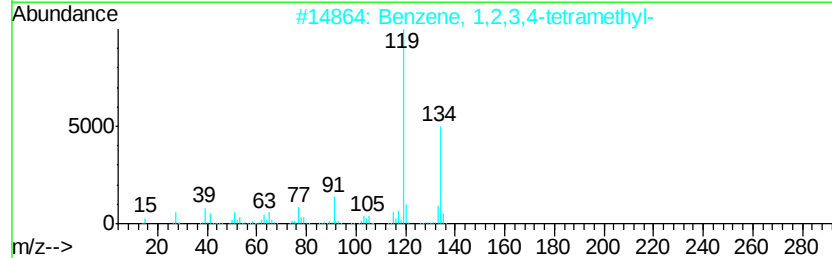
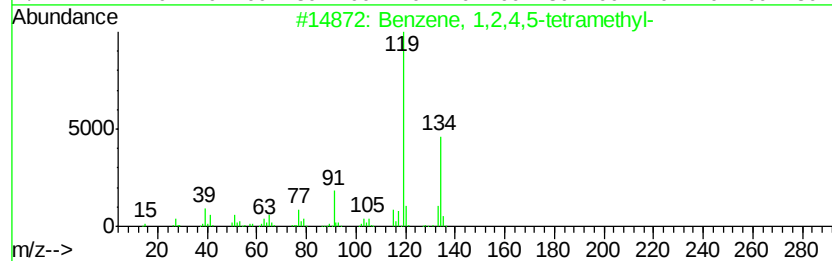
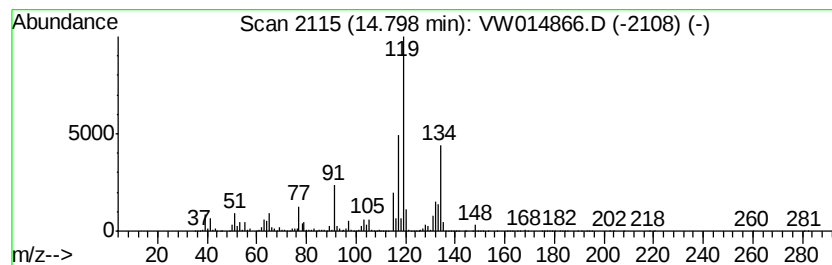
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 34 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	35.78 ug/L	64778000	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	91
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
3		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	70
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
5		o-Cymene	134	C10H14	000527-84-4	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT65

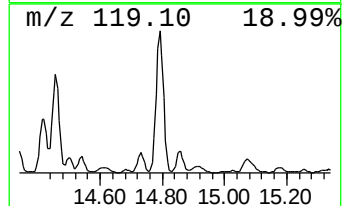
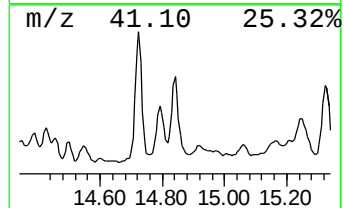
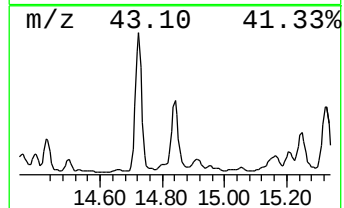
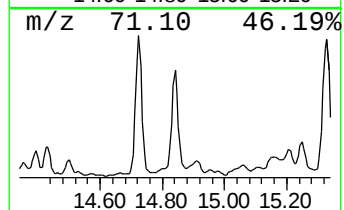
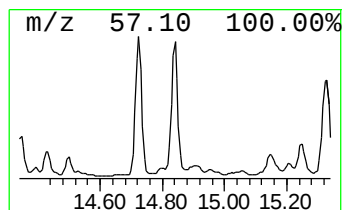
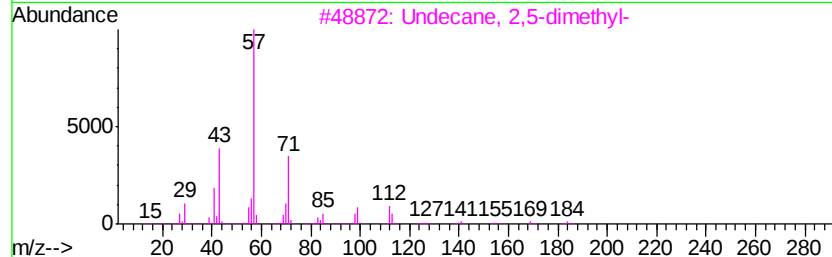
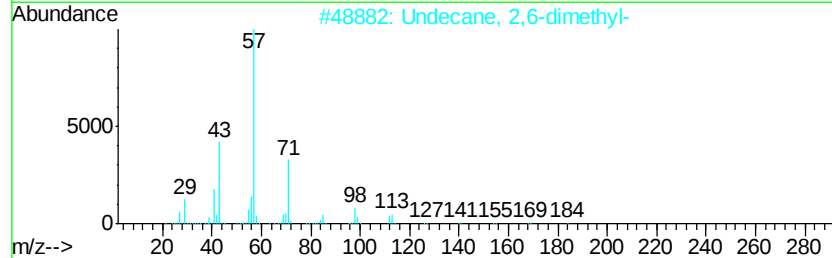
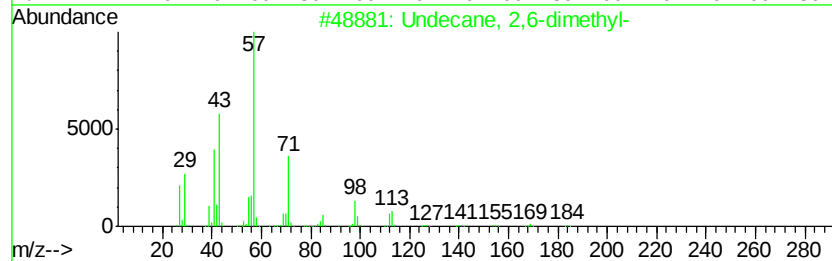
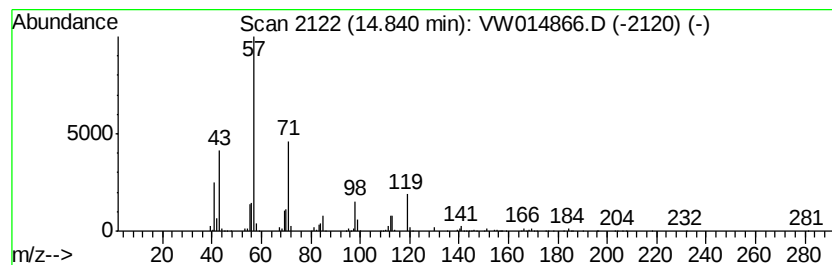
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	5.79 ug/L	10486000	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane,	2,6-dimethyl-		184	C13H28	017301-23-4	93
2	Undecane,	2,6-dimethyl-		184	C13H28	017301-23-4	91
3	Undecane,	2,5-dimethyl-		184	C13H28	017301-22-3	81
4	Undecane,	3,6-dimethyl-		184	C13H28	017301-28-9	64
5	Dodecane,	6-methyl-		184	C13H28	006044-71-9	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT65

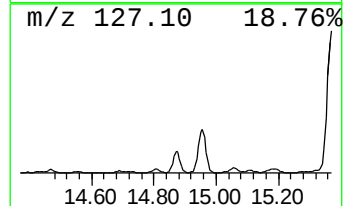
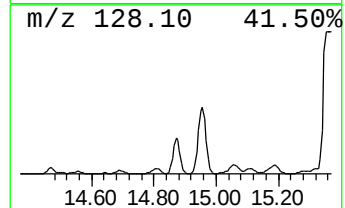
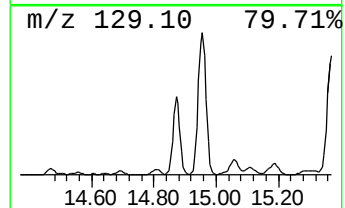
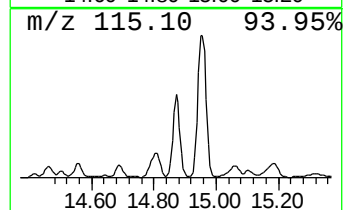
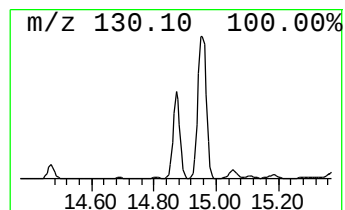
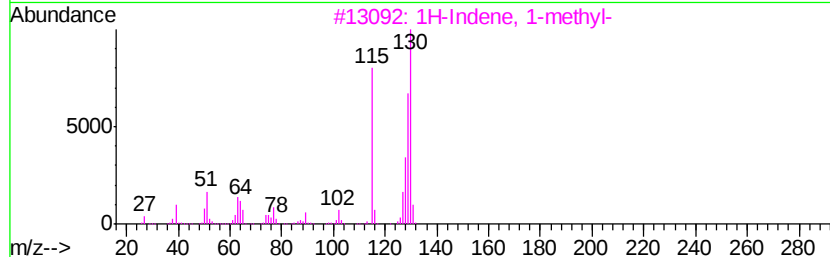
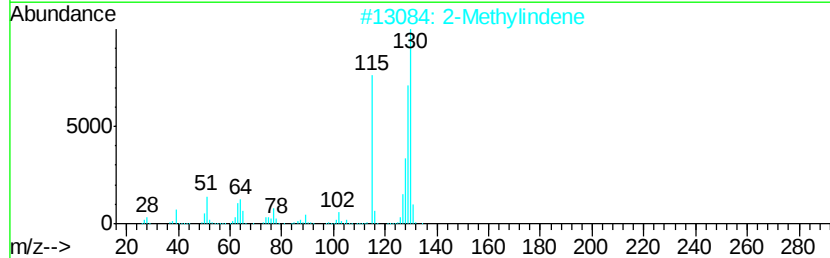
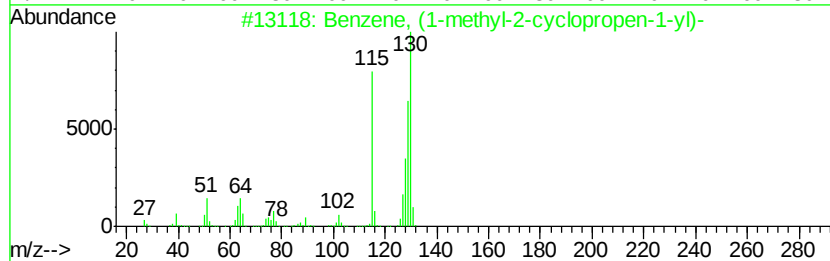
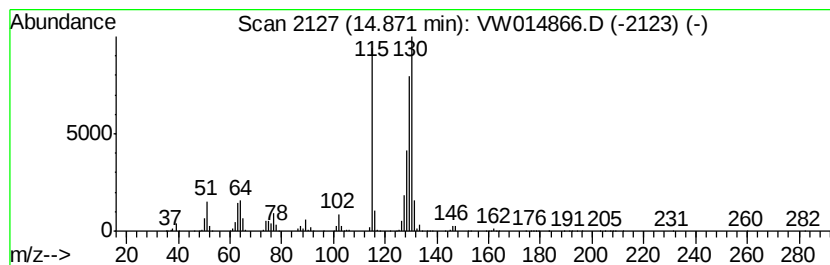
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Quant Title : VOC Analysis

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

Peak Number 36 Benzene, (1-methyl-2-cyclop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	25.80 ug/L	46701600	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
2		2-Methylindene	130	C10H10	002177-47-1	96
3		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
5		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT65

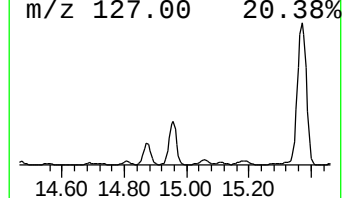
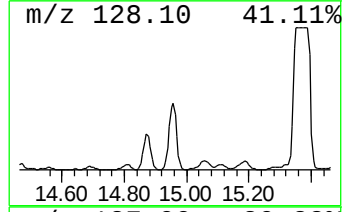
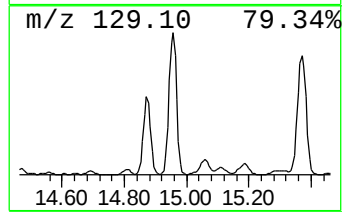
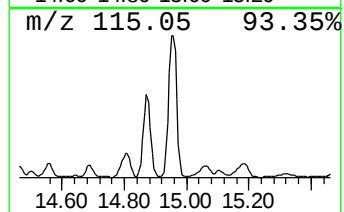
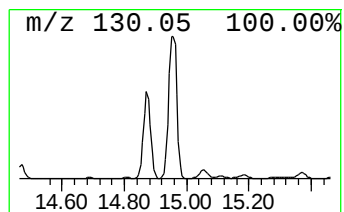
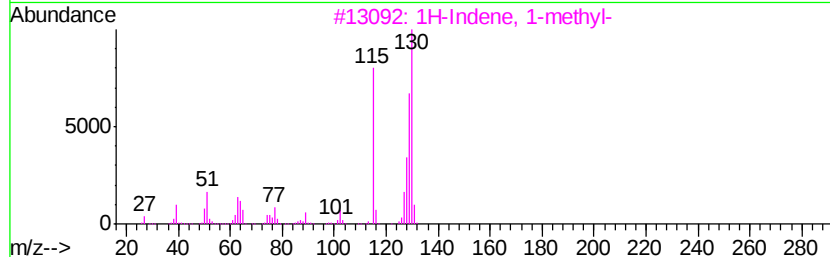
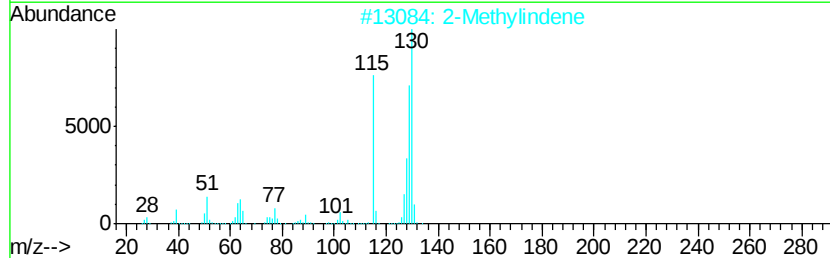
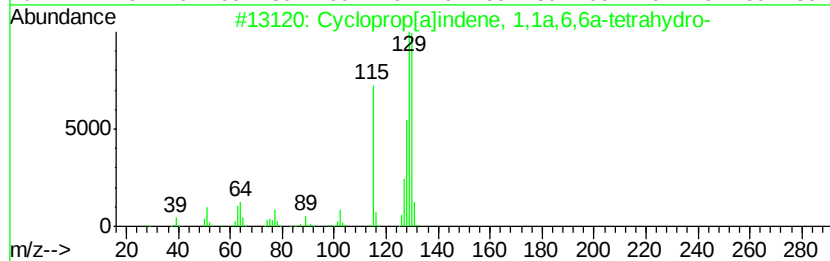
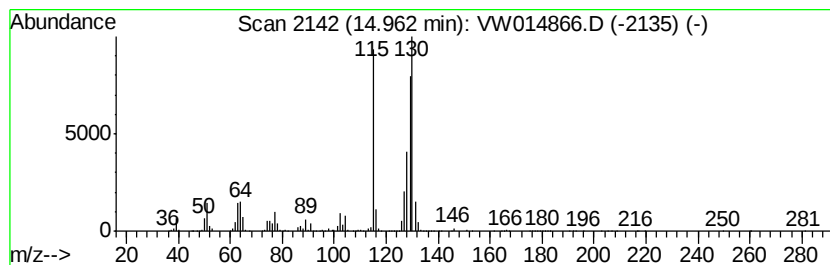
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Quant Title : VOC Analysis

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

Peak Number 37 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	49.21 ug/L	89087000	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
2		2-Methylindene	130	C10H10	002177-47-1	95
3		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
4		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
5		Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT65

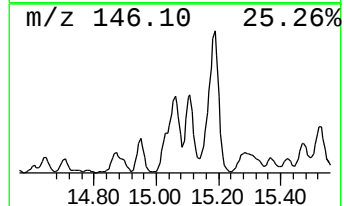
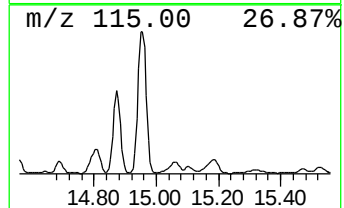
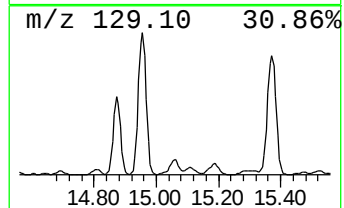
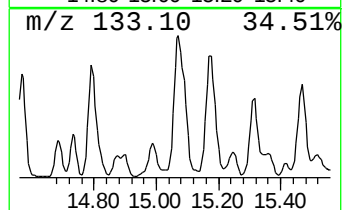
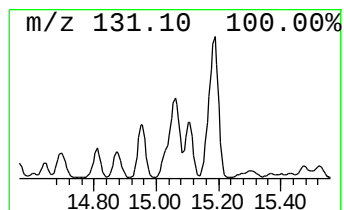
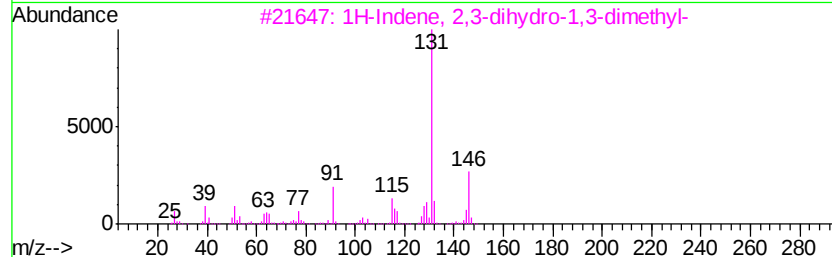
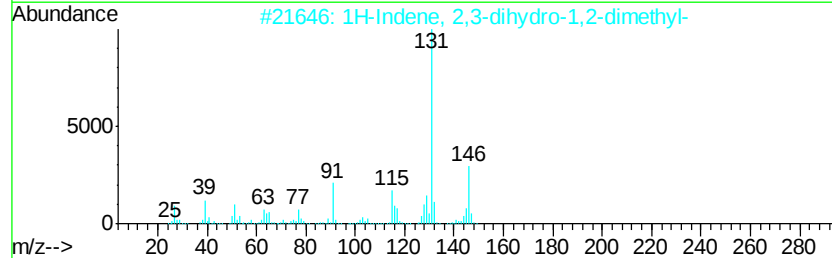
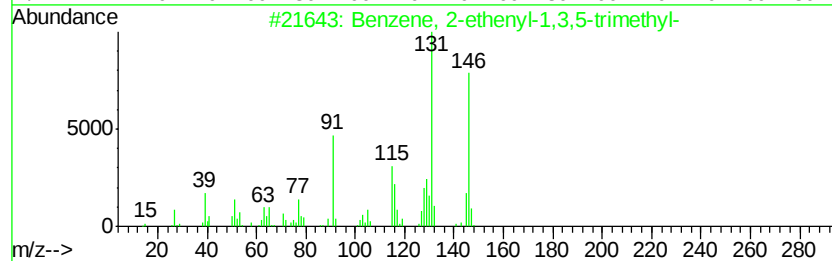
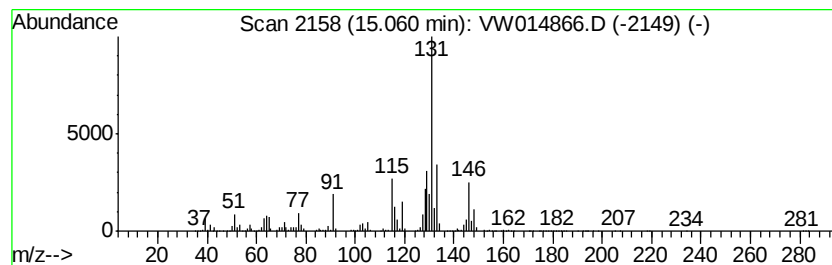
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Quant Title : VOC Analysis

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

Peak Number 38 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	15.38 ug/L	27846700	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	68
2		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	60
3		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	60
4		Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	53
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

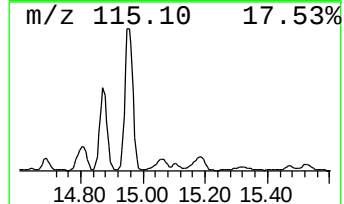
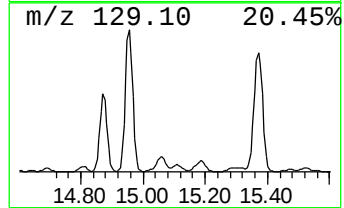
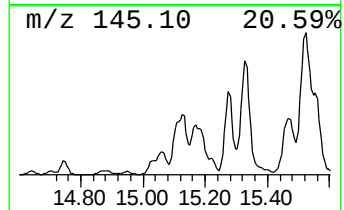
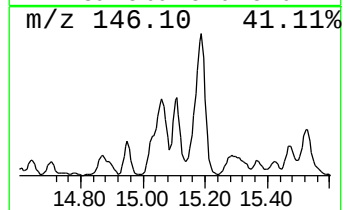
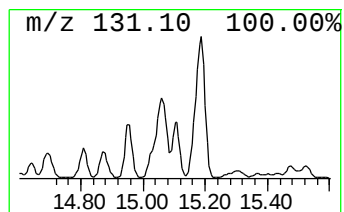
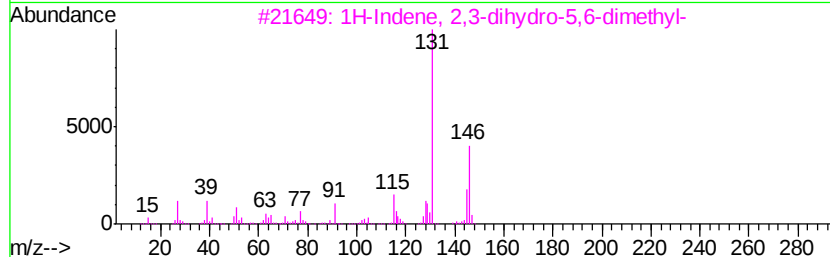
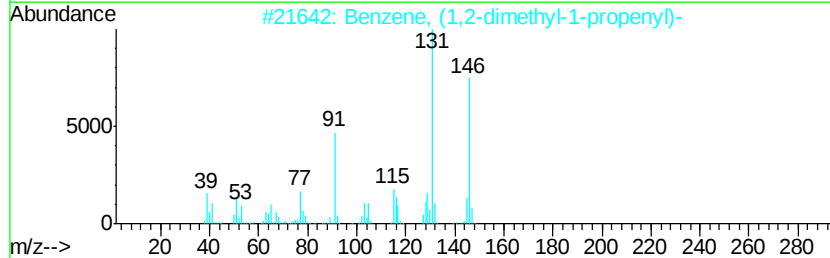
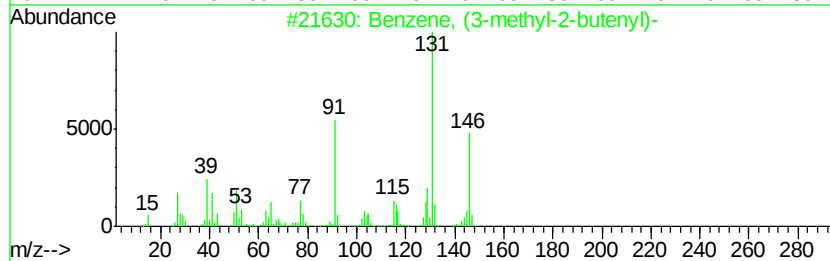
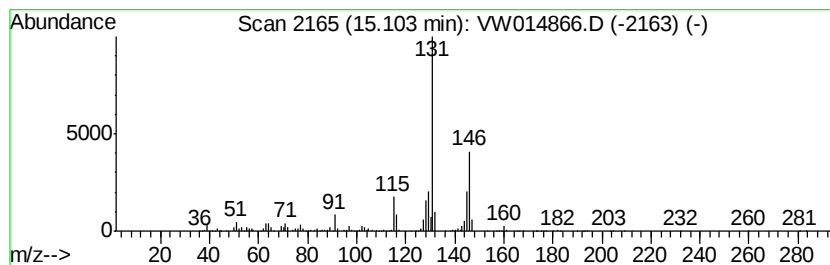
Instrument :
MSVOA_W
ClientSampleId :
GAT65

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 39 Benzene, (3-methyl-2-butenyl)- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	4.24 ug/L	7672020	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, (3-methyl-2-butenyl)-	146 C11H14	004489-84-3 90
2		Benzene, (1,2-dimethyl-1-propenyl)-	146 C11H14	000769-57-3 90
3		1H-Indene, 2,3-dihydro-5,6-dimet...	146 C11H14	001075-22-5 87
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146 C11H14	006682-71-9 87
5		1H-Indene, 2,3-dihydro-1,2-dimet...	146 C11H14	017057-82-8 87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT65

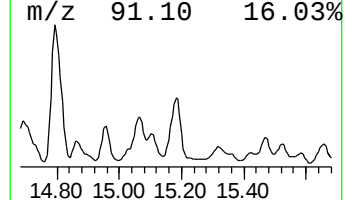
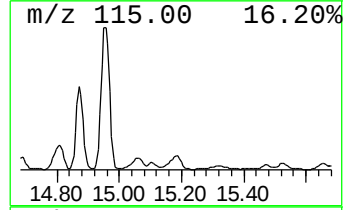
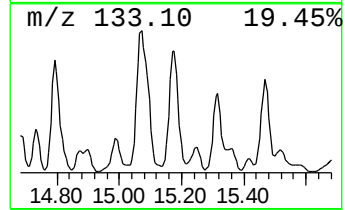
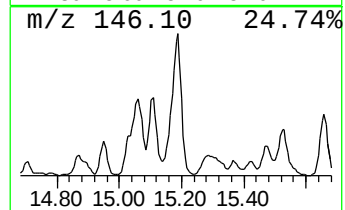
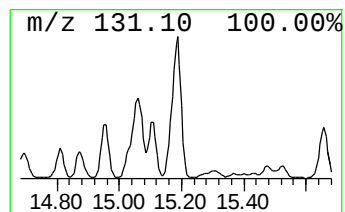
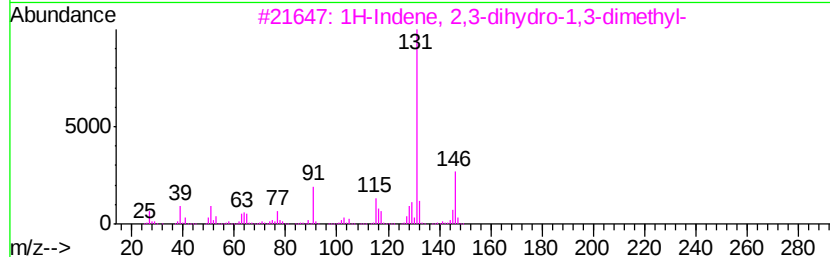
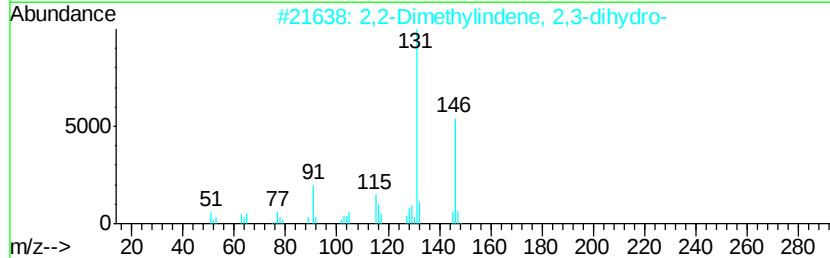
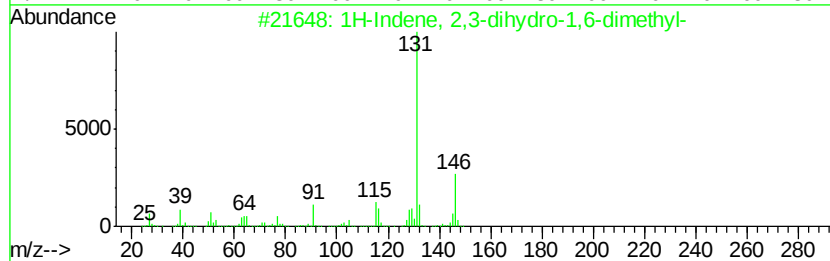
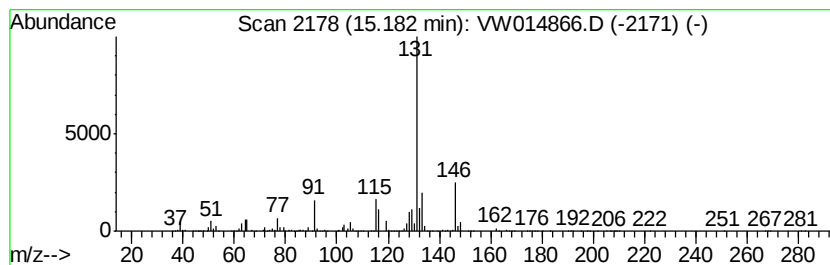
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Quant Title : VOC Analysis

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

Peak Number 40 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	16.98 ug/L	30732800	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
2		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
3		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
4		1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	87
5		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
 Data File : VW014866.D
 Acq On : 04 Feb 2020 18:24
 Operator : SY/VA
 Sample : L1324-08
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT65

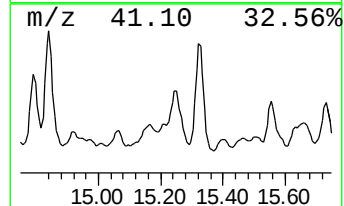
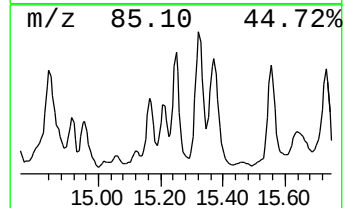
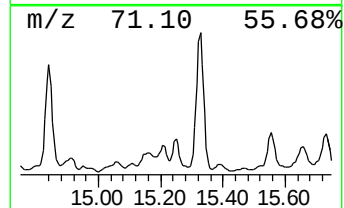
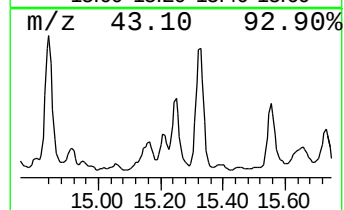
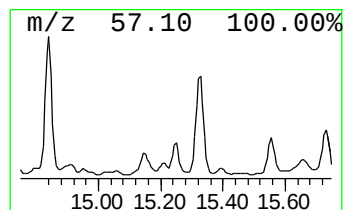
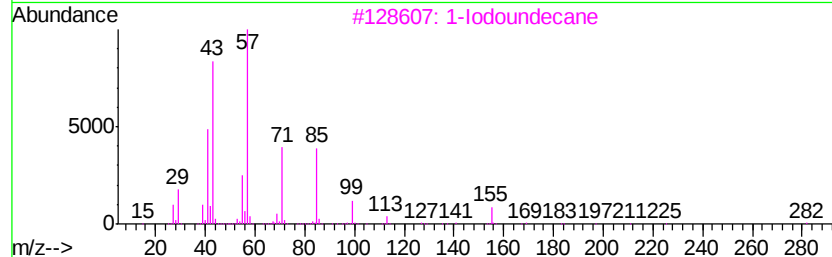
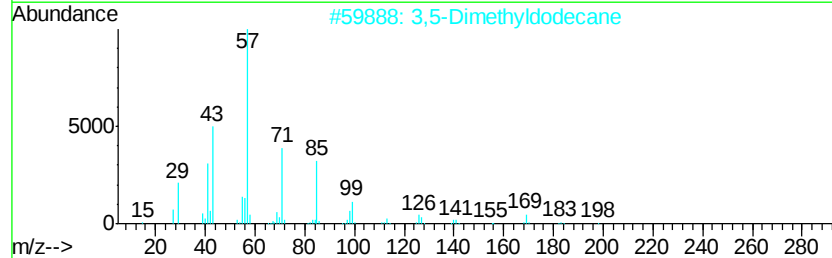
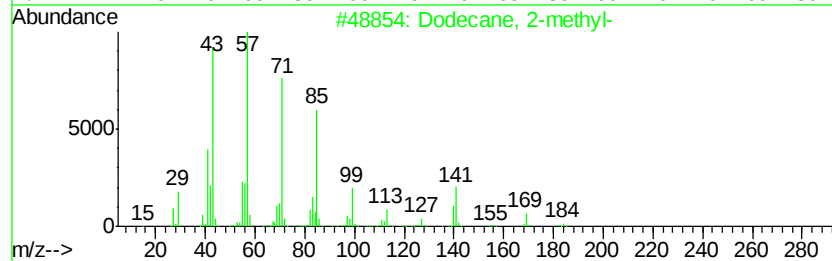
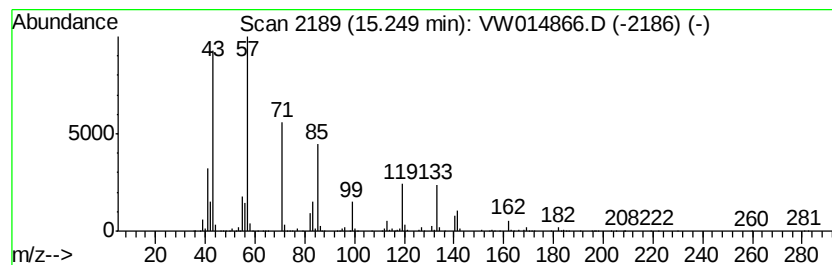
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 Quant Title : VOC Analysis

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

 Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	3.13 ug/L	5669820	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-	184	C13H28	001560-97-0	83
2			3,5-Dimethyldodecane	198	C14H30	107770-99-0	58
3			1-Iodoundecane	282	C11H23I	004282-44-4	53
4			Dodecane, 2-methyl-	184	C13H28	001560-97-0	53
5			Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1000309-34-1	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT65

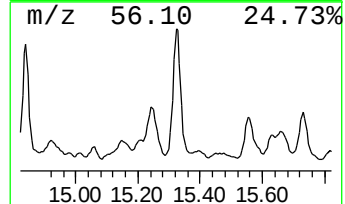
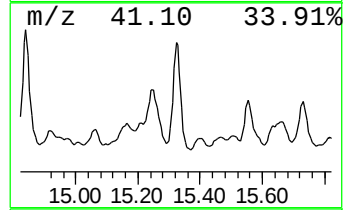
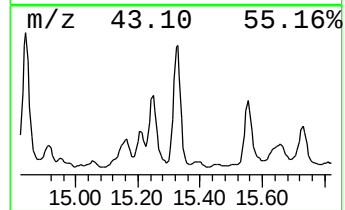
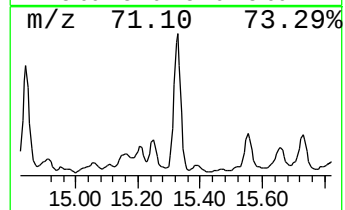
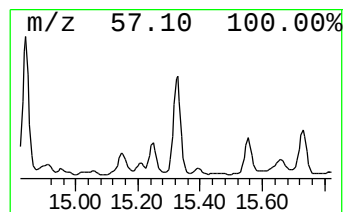
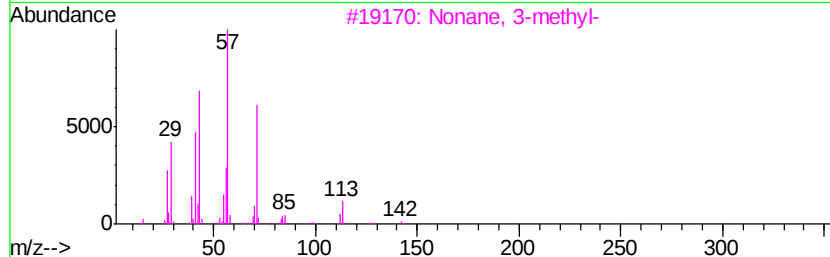
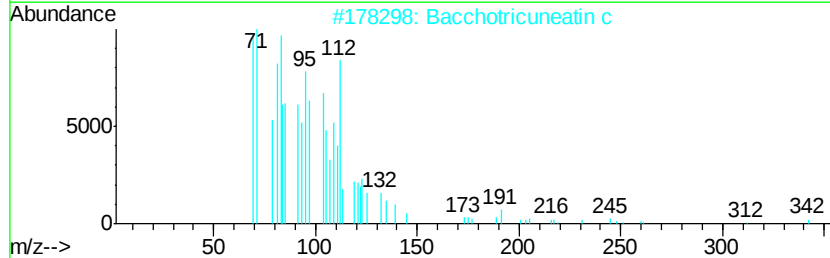
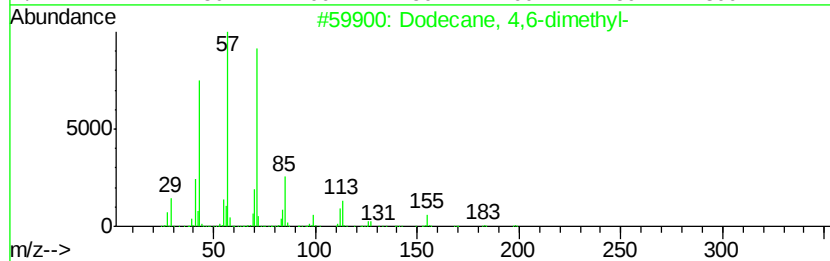
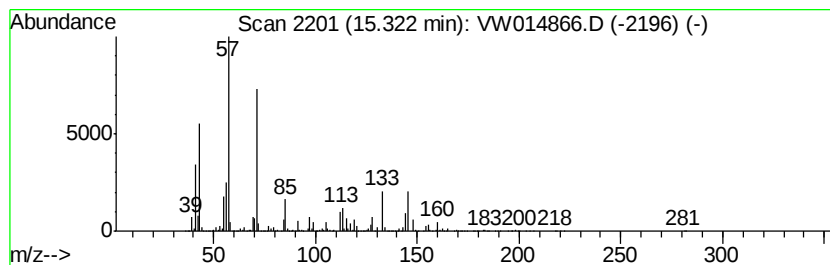
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Quant Title : VOC Analysis

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

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	9.37 ug/L	16964100	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	60
2		Bacchotricuneatin c	342	C20H22O5	066563-30-2	53
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	53
4		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	52
5		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT65

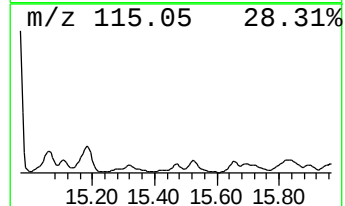
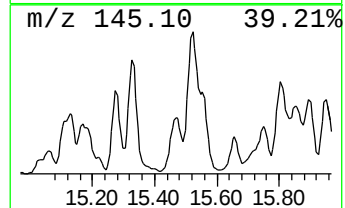
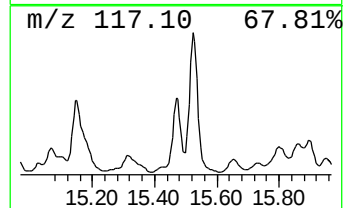
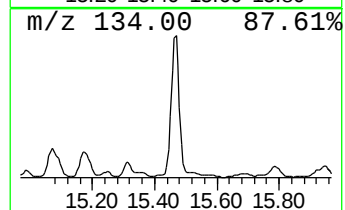
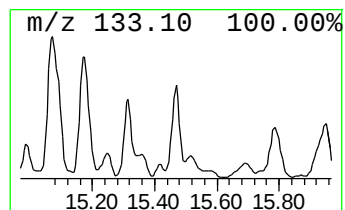
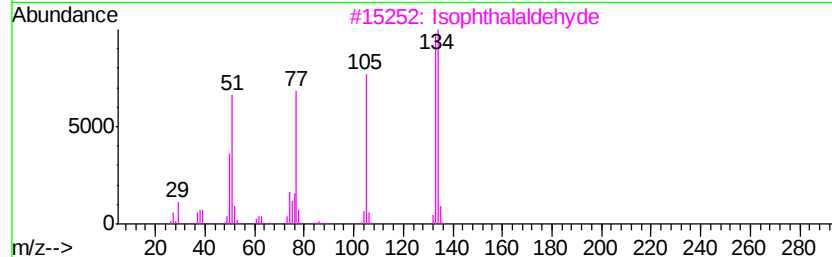
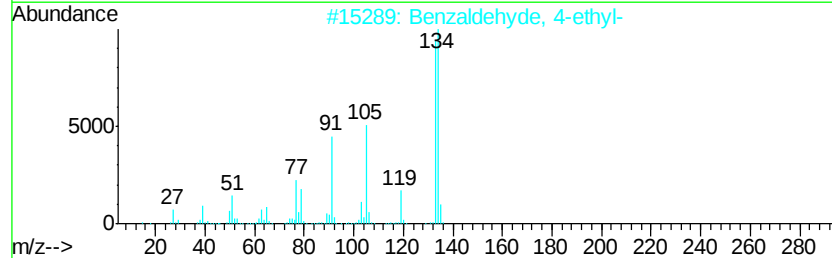
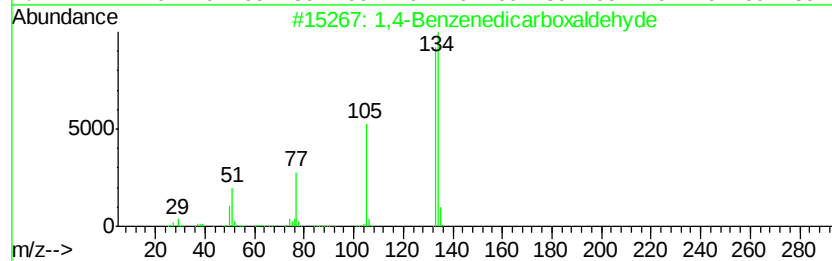
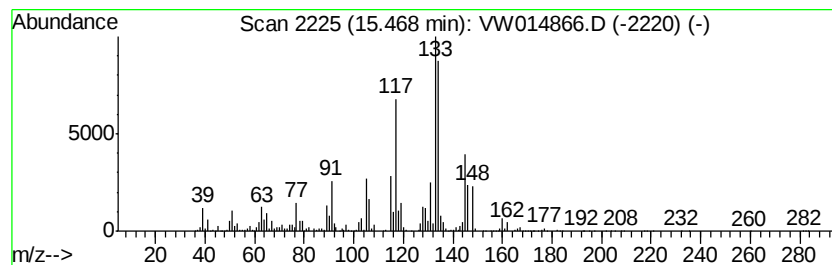
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Quant Title : VOC Analysis

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

Peak Number 44 unknown-02 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	5.77 ug/L	10446500	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Benzenedicarboxaldehyde	134	C8H6O2	000623-27-8	46
2			Benzaldehyde, 4-ethyl-	134	C9H10O	004748-78-1	45
3			Isophthalaldehyde	134	C8H6O2	000626-19-7	41
4			Isophthalaldehyde	134	C8H6O2	000626-19-7	41
5			1,4-Benzenedicarboxaldehyde	134	C8H6O2	000623-27-8	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT65

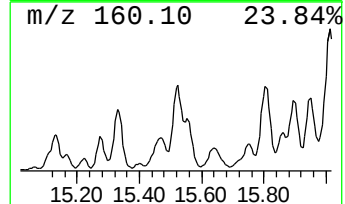
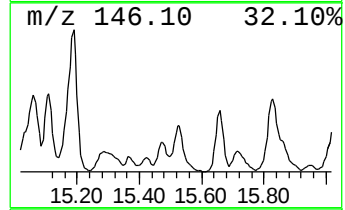
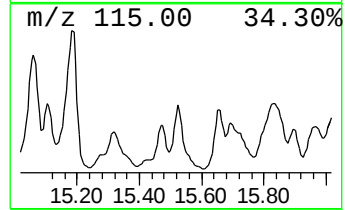
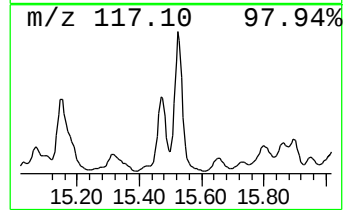
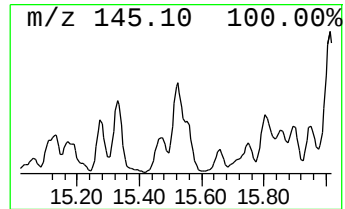
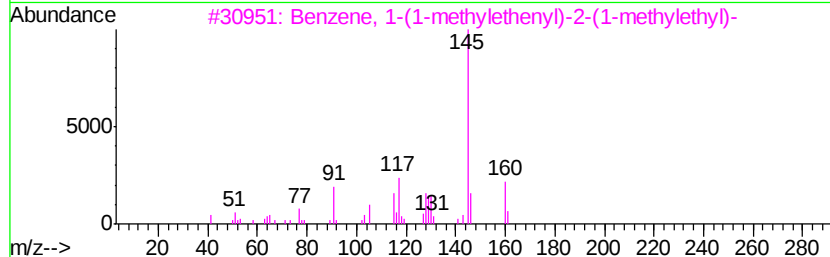
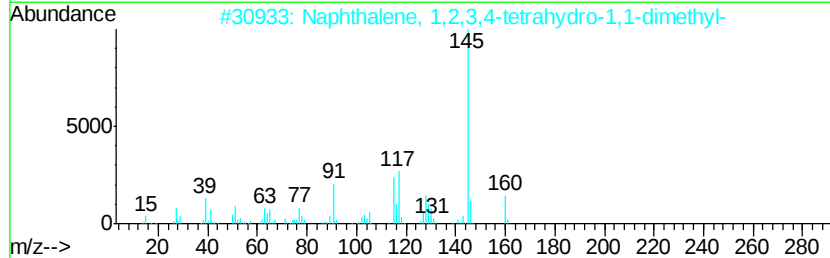
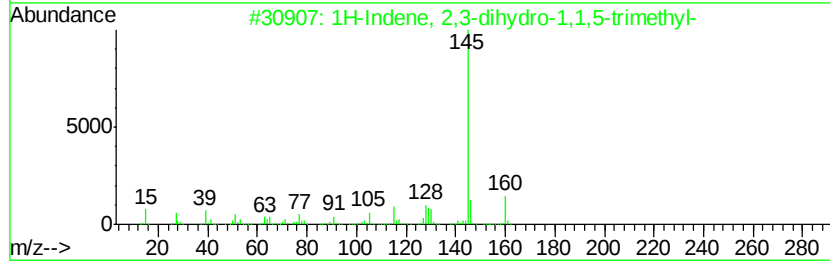
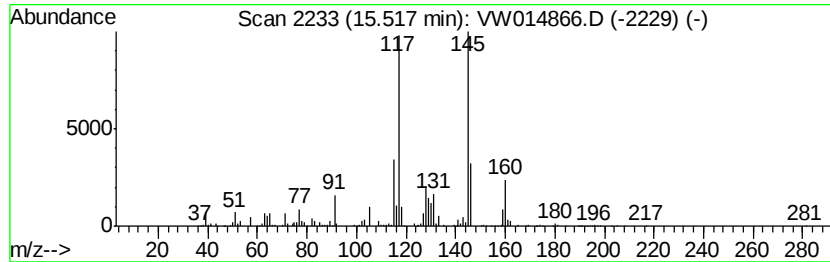
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Quant Title : VOC Analysis

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

Peak Number 45 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	3.39 ug/L	6137340	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	55
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	55
3		Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	49
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	49
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT65

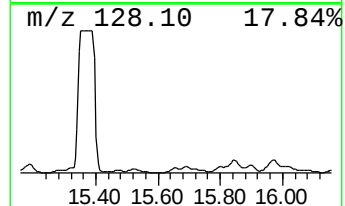
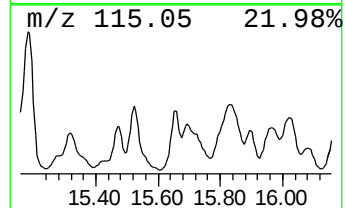
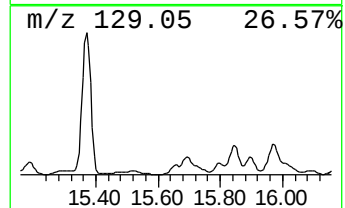
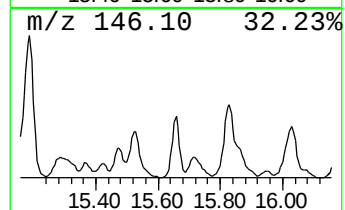
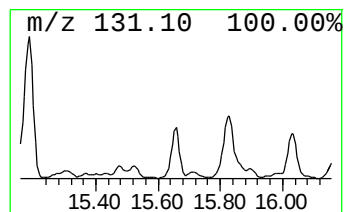
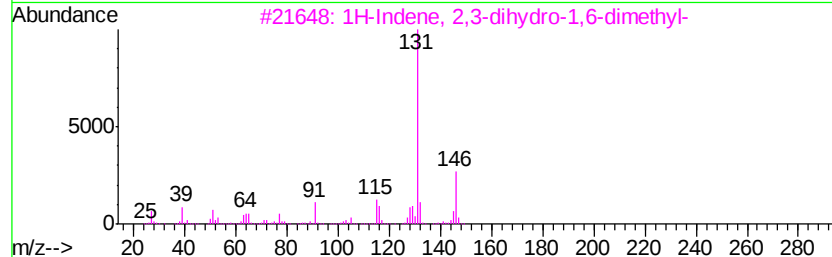
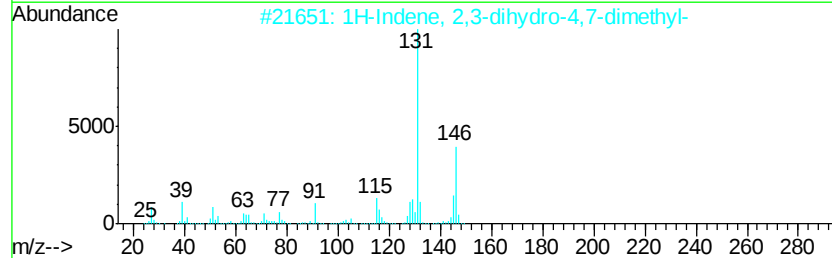
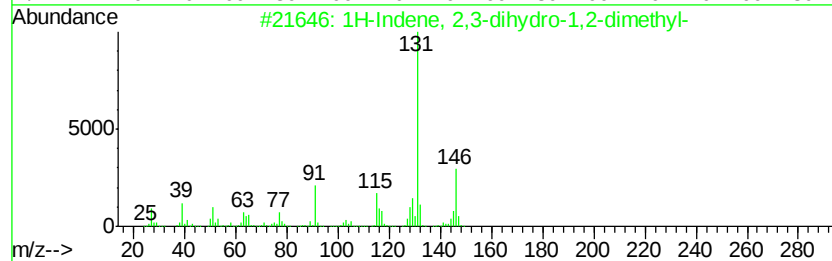
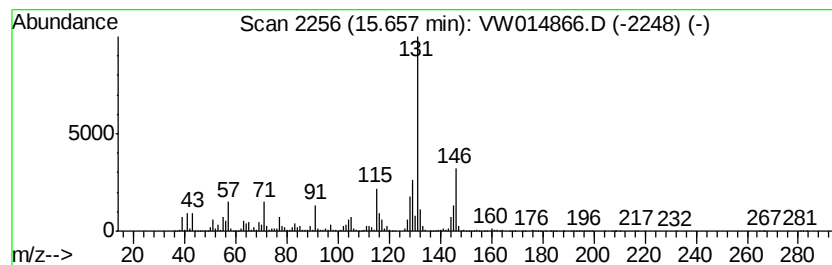
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Quant Title : VOC Analysis

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

Peak Number 46 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	13.75 ug/L	24889900	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
3		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
4		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	87
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT65

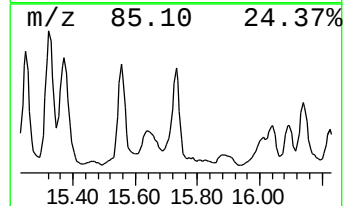
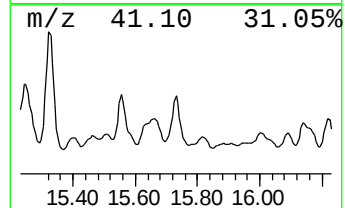
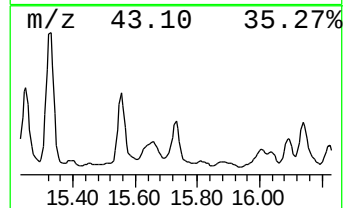
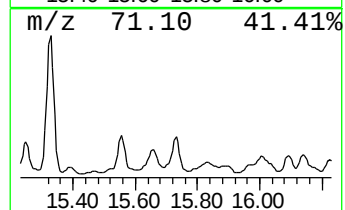
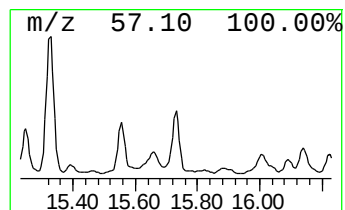
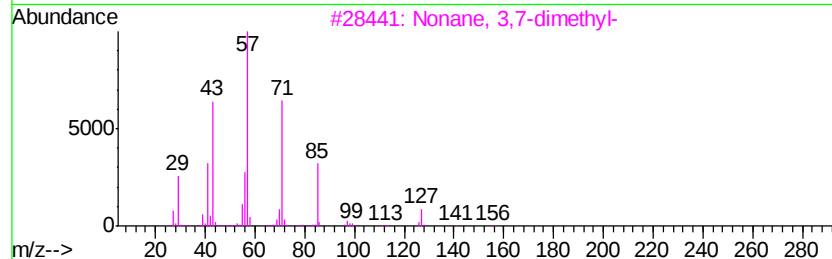
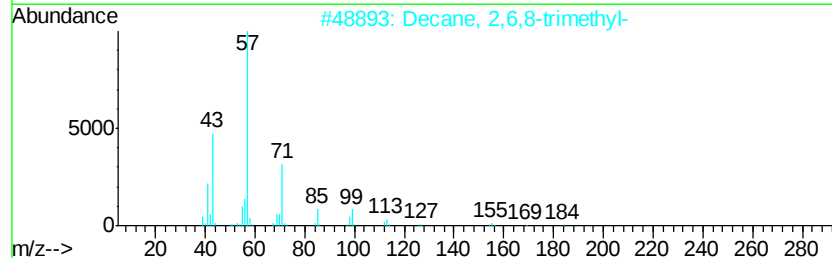
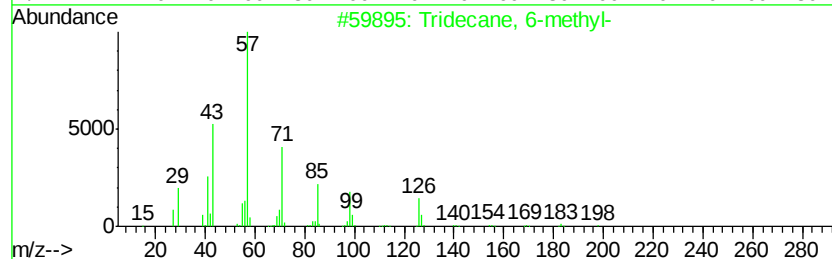
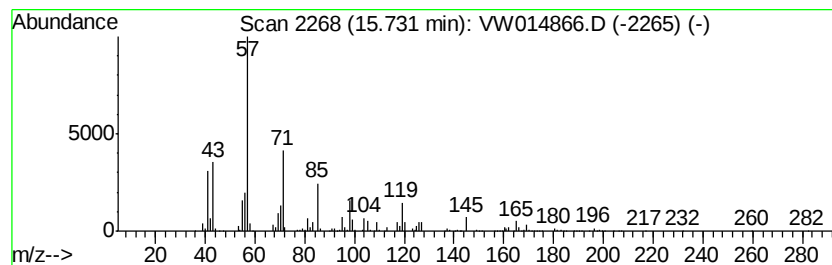
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Quant Title : VOC Analysis

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

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	4.58 ug/L	8297570	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	58
2			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	53
3			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	50
4			Tridecane	184	C13H28	000629-50-5	47
5			Undecane	156	C11H24	001120-21-4	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT65

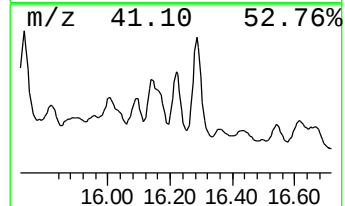
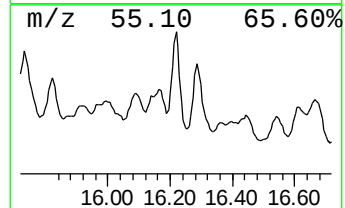
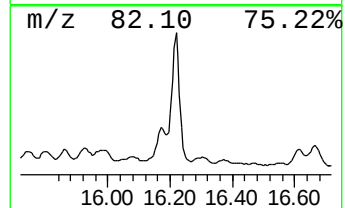
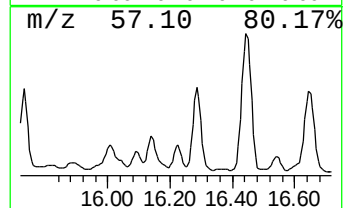
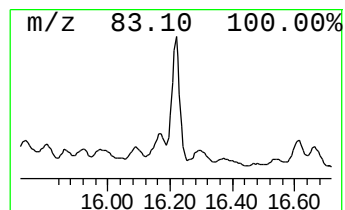
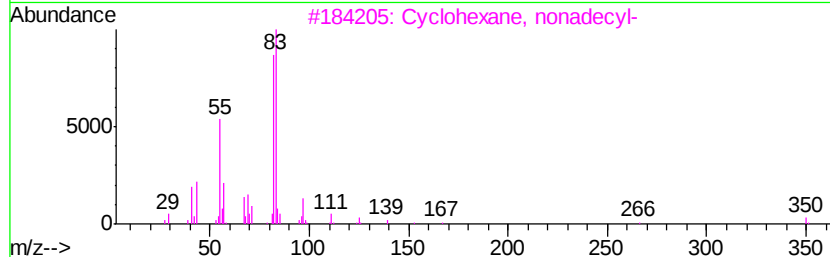
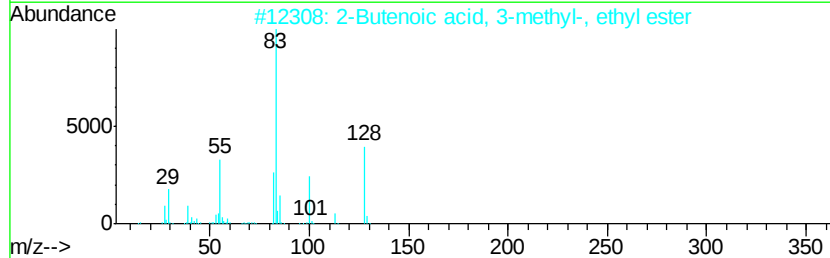
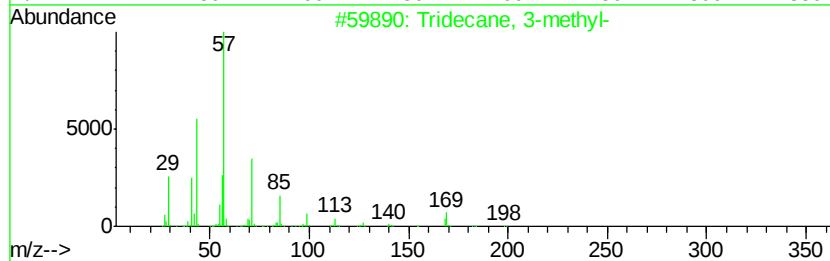
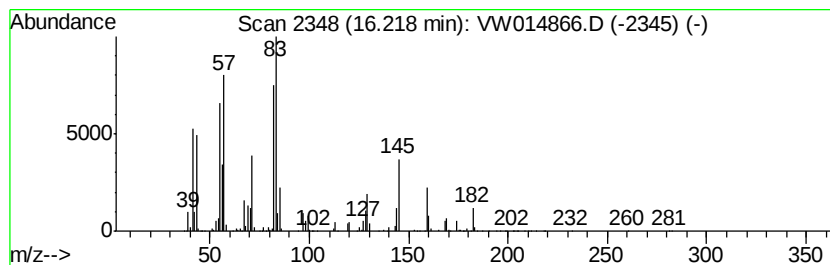
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Quant Title : VOC Analysis

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

Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	4.94 ug/L	8937320	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	25
2		2-Butenoic acid, 3-methyl-, ethyl...	128	C7H12O2	000638-10-8	25
3		Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	22
4		Cyclohexane, hexyl-	168	C12H24	004292-75-5	18
5		Heptylcyclohexane	182	C13H26	005617-41-4	18



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014866.D
Acq On : 04 Feb 2020 18:24
Operator : SY/VA
Sample : L1324-08
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT65

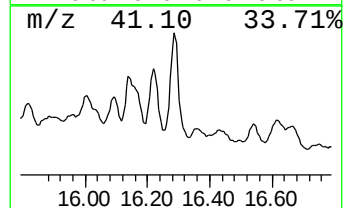
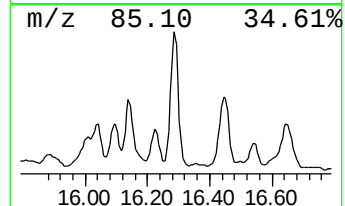
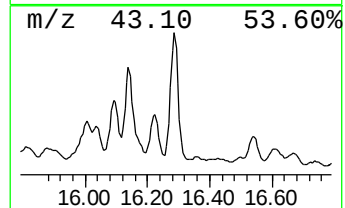
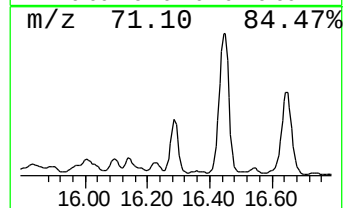
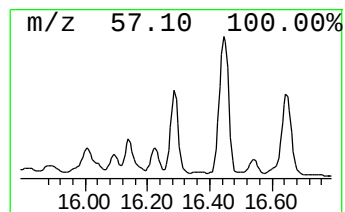
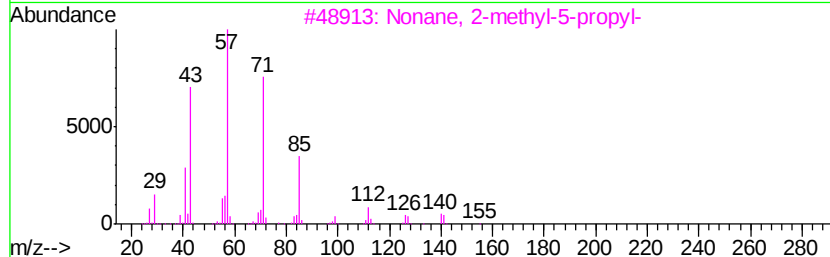
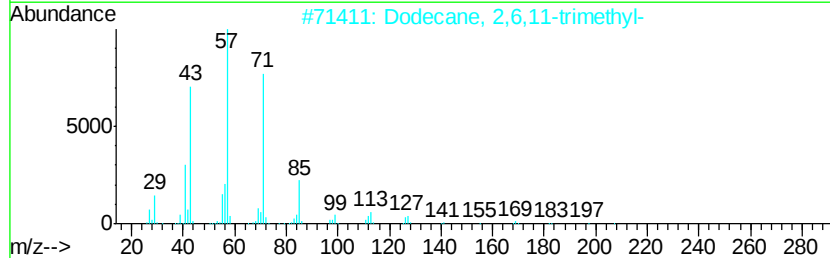
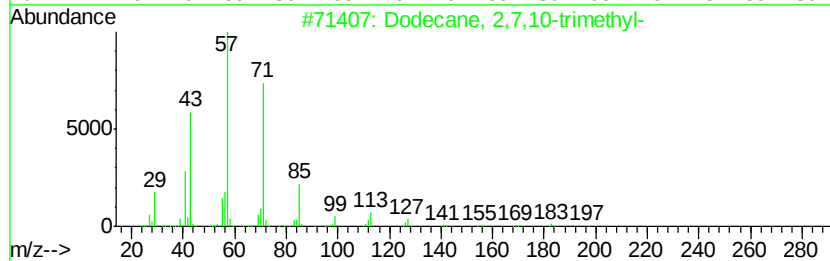
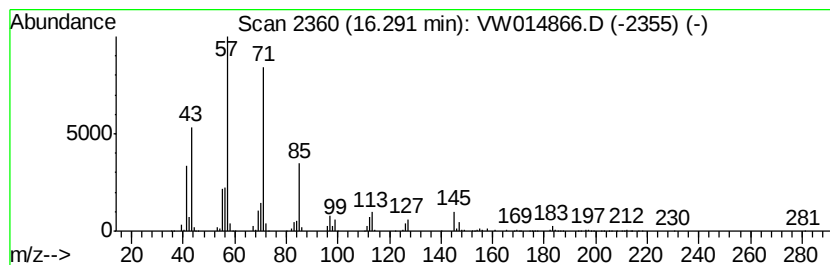
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	4.90 ug/L	8866090	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	86
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
5			Bacchotricuneatin c	342	C20H22O5	066563-30-2	76



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020420\
 Data File : VW014866.D
 Acq On : 04 Feb 2020 18:24
 Operator : SY/VA
 Sample : L1324-08
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT65

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
(DEL) Alkane: Cyc...	11.43	2.1	ug/L	267548	2	11.63	3217250	25.0
(DEL) Alkane: Str...	12.25	3.8	ug/L	487645	2	11.63	3217250	25.0
(DEL) Alkane: Str...	12.36	14.7	ug/L	1893810	2	11.63	3217250	25.0
(DEL) Alkane: Str...	12.54	1.4	ug/L	180251	2	11.63	3217250	25.0
Benzene, 1-ethyl-...	12.87	2.8	ug/L	5012750	3	13.55	45255100	25.0
Mesitylene	12.94	14.5	ug/L	26299700	3	13.55	45255100	25.0
Benzene, 1-etheny...	13.30	36.8	ug/L	66563100	3	13.55	45255100	25.0
p-Cymene	13.44	2.1	ug/L	3868940	3	13.55	45255100	25.0
Benzene, 1-etheny...	13.62	4.6	ug/L	8370000	3	13.55	45255100	25.0
Benzene, 1,2-diet...	13.71	2.2	ug/L	3924840	3	13.55	45255100	25.0
Indane	13.76	9.5	ug/L	17125600	3	13.55	45255100	25.0
Benzene, 2-ethyl-...	13.79	7.7	ug/L	13848500	3	13.55	45255100	25.0
Indene	13.94	55.7	ug/L	100898000	3	13.55	45255100	25.0
Benzene, 1-methyl...	14.04	6.3	ug/L	11413900	3	13.55	45255100	25.0
Benzene, 1-ethyl-...	14.10	6.4	ug/L	11648600	3	13.55	45255100	25.0
Benzene, 1-etheny...	14.14	6.0	ug/L	10936500	3	13.55	45255100	25.0
2,4-Dimethylstyrene	14.23	21.3	ug/L	38559300	3	13.55	45255100	25.0
Benzene, 2-etheny...	14.29	3.1	ug/L	5567110	3	13.55	45255100	25.0
Benzene, 2-ethyl-...	14.34	5.0	ug/L	9013270	3	13.55	45255100	25.0
(DEL) Alkane: Cyc...	14.39	3.2	ug/L	5804040	3	13.55	45255100	25.0
Benzene, 1,2,3,5-...	14.42	7.7	ug/L	13888200	3	13.55	45255100	25.0
Benzene, 1-ethyl-...	14.46	13.2	ug/L	23798000	3	13.55	45255100	25.0
unknown-01	14.50	4.5	ug/L	8099180	3	13.55	45255100	25.0
Bicyclo[4.2.0]oct...	14.55	9.8	ug/L	17761800	3	13.55	45255100	25.0
Benzene, (1,1-dim...	14.64	1.5	ug/L	2660120	3	13.55	45255100	25.0
1H-Indene, 2,3-di...	14.69	8.3	ug/L	15111900	3	13.55	45255100	25.0
(DEL) Alkane: Str...	14.72	11.8	ug/L	21387700	3	13.55	45255100	25.0
Benzene, 1,2,4,5-...	14.80	35.8	ug/L	64778000	3	13.55	45255100	25.0
(DEL) Alkane: Str...	14.84	5.8	ug/L	10486000	3	13.55	45255100	25.0
Benzene, (1-methy...	14.87	25.8	ug/L	46701600	3	13.55	45255100	25.0
Cycloprop[a]inden...	14.96	49.2	ug/L	89087000	3	13.55	45255100	25.0
Benzene, 2-etheny...	15.06	15.4	ug/L	27846700	3	13.55	45255100	25.0
Benzene, (3-methy...	15.10	4.2	ug/L	7672020	3	13.55	45255100	25.0
1H-Indene, 2,3-di...	15.18	17.0	ug/L	30732800	3	13.55	45255100	25.0
(DEL) Alkane: Str...	15.25	3.1	ug/L	5669820	3	13.55	45255100	25.0
(DEL) Alkane: Str...	15.32	9.4	ug/L	16964100	3	13.55	45255100	25.0
unknown-02	15.47	5.8	ug/L	10446500	3	13.55	45255100	25.0
1H-Indene, 2,3-di...	15.52	3.4	ug/L	6137340	3	13.55	45255100	25.0
1H-Indene, 2,3-di...	15.66	13.8	ug/L	24889900	3	13.55	45255100	25.0
(DEL) Alkane: Str...	15.73	4.6	ug/L	8297570	3	13.55	45255100	25.0
(DEL) Alkane: Str...	16.22	4.9	ug/L	8937320	3	13.55	45255100	25.0
(DEL) Alkane: Str...	16.29	4.9	ug/L	8866090	3	13.55	45255100	25.0