

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041919\
 Data File : VW010067.D
 Acq On : 19 Apr 2019 15:18
 Operator : SY/VA
 Sample : K2455-17
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHR7

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\SOM2WLM041519S.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	2.166	39	43	47	rBV5	4173	7699	0.00%	0.000%
2	2.215	47	51	52	rBV4	4098	6211	0.00%	0.000%
3	2.349	68	73	80	rVB	20344	31384	0.01%	0.002%
4	2.568	107	109	112	rBV4	3214	3318	0.00%	0.000%
5	2.885	157	161	170	rVB	16547	33790	0.01%	0.002%
6	3.373	238	241	244	rVB5	2953	3955	0.00%	0.000%
7	3.672	288	290	295	rBV5	1477	2007	0.00%	0.000%
8	3.745	300	302	309	rVB8	1534	1965	0.00%	0.000%
9	3.867	320	322	325	rVB4	2254	1929	0.00%	0.000%
10	4.001	334	344	357	rVB	45052	121865	0.05%	0.006%
11	4.123	357	364	365	rBV6	3857	5669	0.00%	0.000%
12	4.349	398	401	402	rBV3	2493	2352	0.00%	0.000%
13	4.385	402	407	408	rBV5	2790	3916	0.00%	0.000%
14	4.501	421	426	427	rBV4	4954	6630	0.00%	0.000%
15	4.915	483	494	502	rBV3	24260	75668	0.03%	0.004%
16	5.226	544	545	549	rVB4	2075	1864	0.00%	0.000%
17	5.592	603	605	608	rVB4	1738	1996	0.00%	0.000%
18	5.635	608	612	613	rBV4	1662	1987	0.00%	0.000%
19	5.690	618	621	623	rBV3	2134	2997	0.00%	0.000%
20	5.757	628	632	635	rBV6	1828	2158	0.00%	0.000%
21	5.903	654	656	657	rBV2	3753	3404	0.00%	0.000%
22	5.921	657	659	661	rBV3	3062	3840	0.00%	0.000%
23	6.196	703	704	708	rVB4	1998	2343	0.00%	0.000%
24	6.257	711	714	716	rBV4	2068	1948	0.00%	0.000%
25	6.299	719	721	722	rBV2	2628	1975	0.00%	0.000%
26	6.318	722	724	727	rVB4	4362	3414	0.00%	0.000%
27	6.403	736	738	739	rBV2	2285	2037	0.00%	0.000%
28	6.440	742	744	746	rBV3	1945	2066	0.00%	0.000%
29	6.531	758	759	761	rBV2	2215	2213	0.00%	0.000%
30	6.555	761	763	765	rVB3	2452	2042	0.00%	0.000%
31	6.793	800	802	803	rBV2	2001	1896	0.00%	0.000%
32	7.043	840	843	844	rBV3	3209	3890	0.00%	0.000%
33	7.092	844	851	859	rVV2	14316	44980	0.02%	0.002%
34	7.641	935	941	950	rBV	55996	145150	0.05%	0.007%

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 Title : VOC Analysis

35	8.275	1038	1045	1057	rBV3	113118	344587	0.13%	0.017%
36	8.842	1133	1138	1145	rVB	103815	209209	0.08%	0.010%
37	9.268	1205	1208	1215	rVB	67406	124410	0.05%	0.006%
38	10.390	1384	1392	1404	rVB	30732806	57367215	21.72%	2.867%
39	11.731	1606	1612	1618	rBV	19834135	32972984	12.49%	1.648%
40	11.792	1618	1622	1623	rVV2	1098480	1455035	0.55%	0.073%
41	11.841	1623	1630	1641	rVB3	99147217	221104349	83.72%	11.048%
42	11.975	1648	1652	1657	rBV	300157	540447	0.20%	0.027%
43	12.182	1677	1686	1694	rVB5	111556770	253124298	95.85%	12.649%
44	12.463	1728	1732	1737	rBV	974294	1513479	0.57%	0.076%
45	12.743	1772	1778	1783	rVB	2761340	4260275	1.61%	0.213%
46	12.804	1783	1788	1793	rBV	4646618	7338480	2.78%	0.367%
47	12.871	1793	1799	1802	rVV	25575035	43540784	16.49%	2.176%
48	12.902	1802	1804	1807	rVV	12416333	16537296	6.26%	0.826%
49	12.945	1807	1811	1818	rVB	27197589	43652734	16.53%	2.181%
50	13.115	1831	1839	1846	rBV3	16014810	32789344	12.42%	1.638%
51	13.170	1846	1848	1852	rVB	321594	347732	0.13%	0.017%
52	13.255	1852	1862	1867	rBV2	66172852	121903737	46.16%	6.091%
53	13.310	1867	1871	1875	rVV2	72540321	118167972	44.74%	5.905%
54	13.359	1875	1879	1886	rVB	33997326	50485563	19.12%	2.523%
55	13.444	1889	1893	1898	rBV2	1090362	1735801	0.66%	0.087%
56	13.505	1898	1903	1909	rVB5	1053094	2413571	0.91%	0.121%
57	13.591	1909	1917	1921	rBV	24019246	39894898	15.11%	1.994%
58	13.627	1921	1923	1932	rVB	9190793	12851984	4.87%	0.642%
59	13.725	1933	1939	1940	rBV2	2757379	4124949	1.56%	0.206%
60	13.761	1940	1945	1948	rBV2	11292743	16178883	6.13%	0.808%
61	13.798	1948	1951	1955	rVB2	5490039	7952355	3.01%	0.397%
62	13.841	1955	1958	1961	rBV3	1644082	1971233	0.75%	0.099%
63	13.877	1961	1964	1969	rVB	7122029	9329160	3.53%	0.466%
64	13.950	1969	1976	1983	rVB2	86805278	176480496	66.82%	8.819%
65	14.018	1983	1987	1988	rBV	2850520	3685529	1.40%	0.184%
66	14.048	1988	1992	1993	rBV	2459278	3074666	1.16%	0.154%
67	14.103	1998	2001	2004	rVV	5744461	8356106	3.16%	0.418%
68	14.146	2004	2008	2015	rVV	6356864	12743716	4.83%	0.637%
69	14.237	2015	2023	2028	rVV	18610265	31833699	12.05%	1.591%
70	14.292	2028	2032	2036	rVB	4938505	7127903	2.70%	0.356%
71	14.347	2036	2041	2044	rBV2	1685775	2797309	1.06%	0.140%

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72	14.426	2045	2054	2057	rVV	5033765	11163939	4.23%	0.558%
73	14.469	2057	2061	2065	rVV3	9419636	17091623	6.47%	0.854%
74	14.505	2065	2067	2071	rVV	3309551	4315799	1.63%	0.216%
75	14.560	2071	2076	2081	rVV	10730482	17254664	6.53%	0.862%
76	14.603	2081	2083	2088	rVB2	1459334	1836235	0.70%	0.092%
77	14.652	2088	2091	2094	rVB	455595	511455	0.19%	0.026%
78	14.694	2094	2098	2101	rBV	3405492	5896664	2.23%	0.295%
79	14.731	2101	2104	2109	rVB	8690136	12360942	4.68%	0.618%
80	14.804	2109	2116	2121	rBV2	7370122	15488579	5.86%	0.774%
81	14.877	2121	2128	2135	rVV	34229542	59318723	22.46%	2.964%
82	14.962	2135	2142	2149	rVB	39230544	65168261	24.68%	3.256%
83	15.060	2152	2158	2164	rBV2	3907403	7255369	2.75%	0.363%
84	15.127	2164	2169	2173	rVB3	1097272	2076948	0.79%	0.104%
85	15.194	2174	2180	2185	rBV5	862259	2516381	0.95%	0.126%
86	15.383	2203	2211	2220	rVB2	108796197	264094146	100.00%	13.197%
87	15.475	2221	2226	2233	rBV	2508076	4577238	1.73%	0.229%
88	15.560	2236	2240	2249	rVB	2536750	4490043	1.70%	0.224%
89	15.664	2249	2257	2261	rBV4	877409	2370011	0.90%	0.118%
90	15.804	2276	2280	2283	rBV	602064	1087240	0.41%	0.054%
91	15.853	2283	2288	2293	rVV2	1724722	3668544	1.39%	0.183%
92	15.901	2293	2296	2301	rVV	841787	1504136	0.57%	0.075%
93	15.974	2302	2308	2323	rVB	1755055	5224199	1.98%	0.261%
94	16.102	2324	2329	2335	rVB3	498345	1024175	0.39%	0.051%
95	16.176	2336	2341	2345	rBV7	250001	533373	0.20%	0.027%
96	16.255	2350	2354	2359	rVB	586088	1012524	0.38%	0.051%
97	16.383	2369	2375	2378	rBV	435151	924467	0.35%	0.046%
98	16.456	2378	2387	2399	rVB2	44475936	101504149	38.43%	5.072%
99	16.572	2401	2406	2411	rVV	171834	395238	0.15%	0.020%
100	16.657	2411	2420	2430	rVB	16079805	35680882	13.51%	1.783%

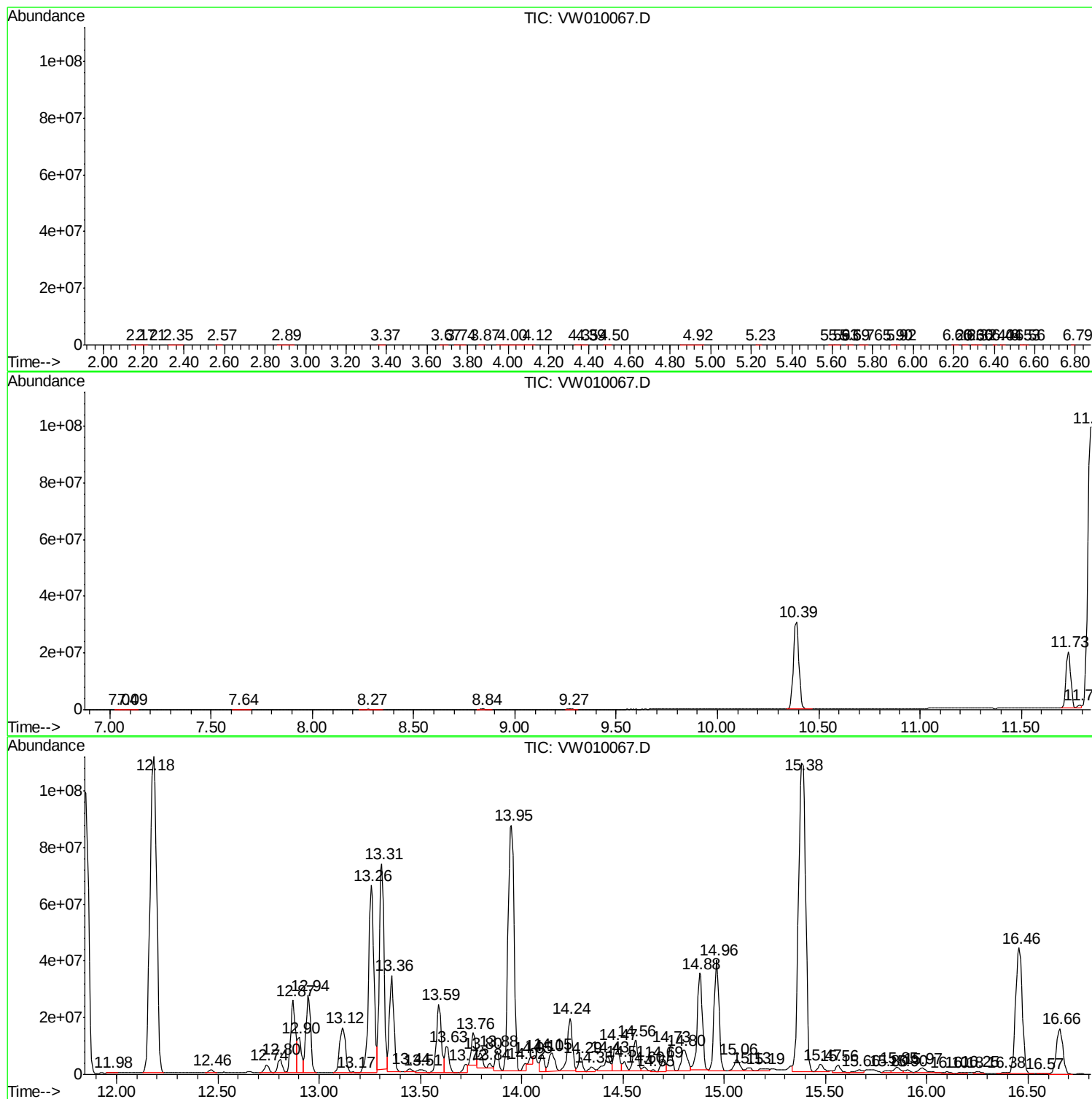
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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



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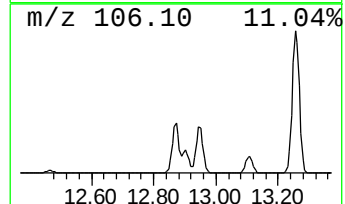
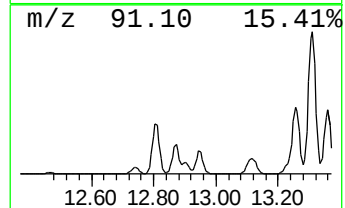
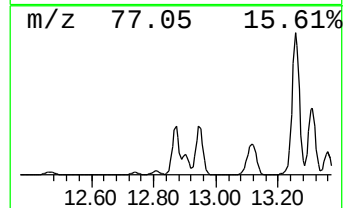
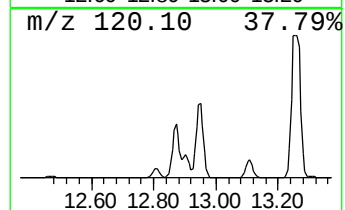
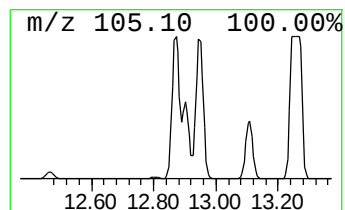
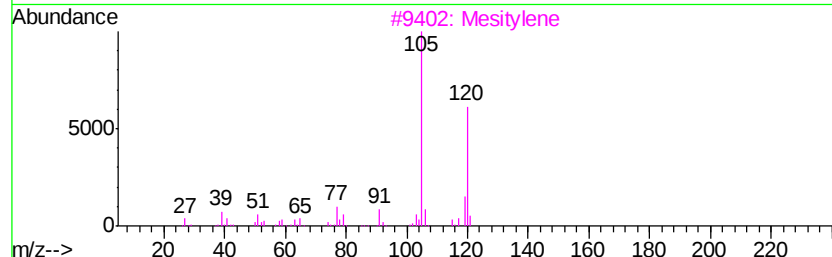
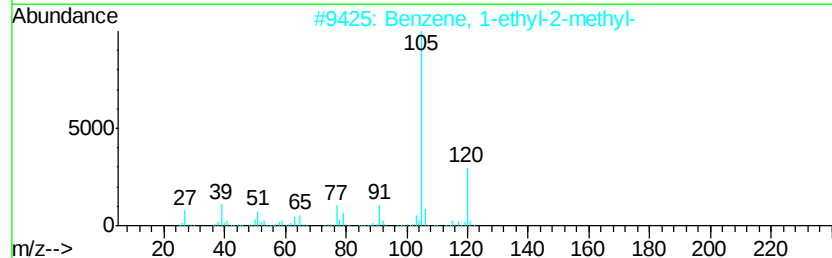
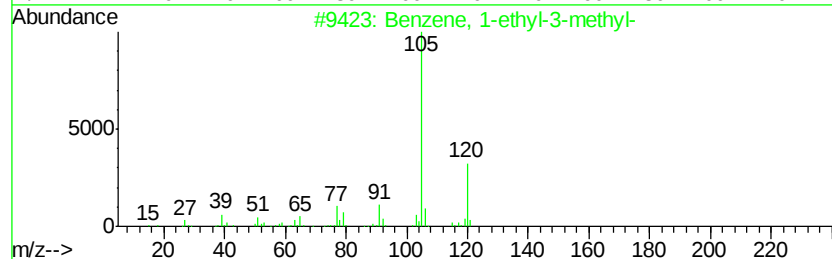
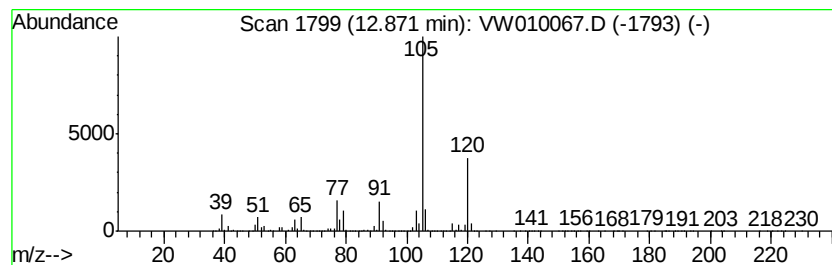
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	27.28 ug/L	43540800	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



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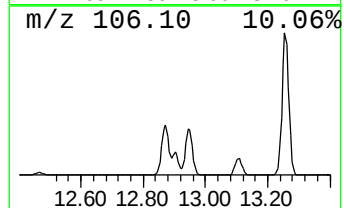
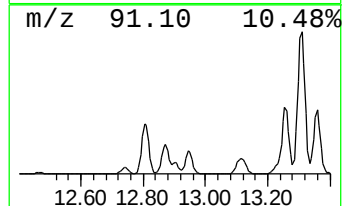
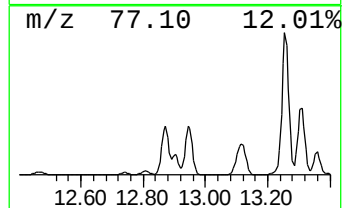
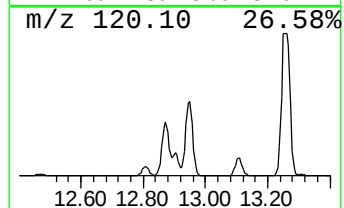
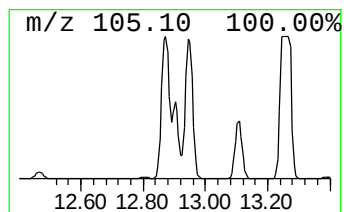
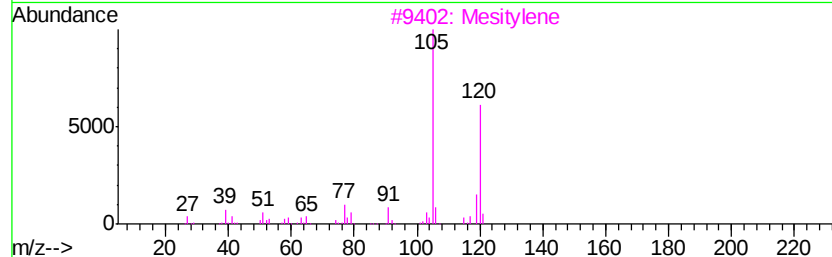
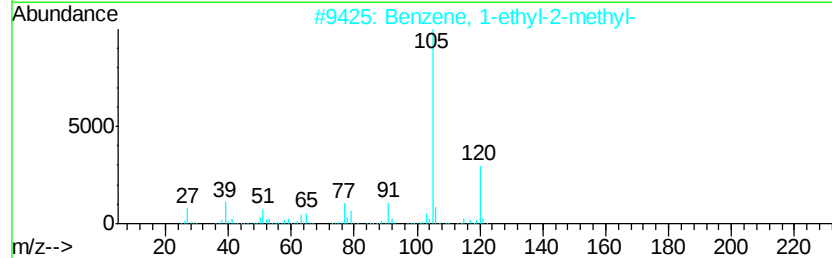
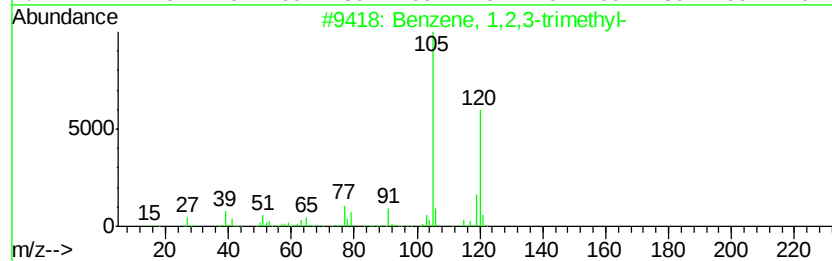
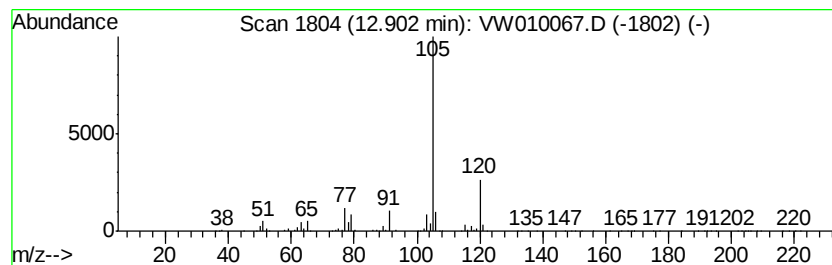
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Quant Title : VOC Analysis

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

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	10.36 ug/L	16537300	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



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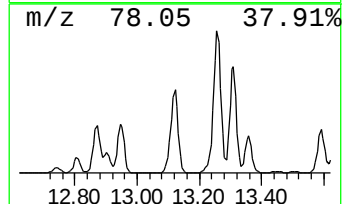
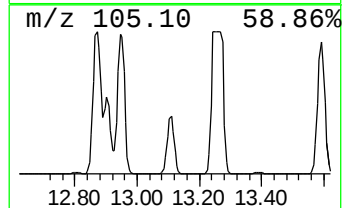
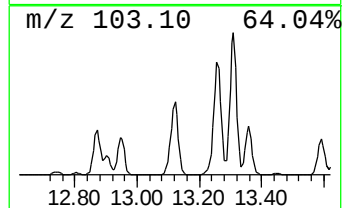
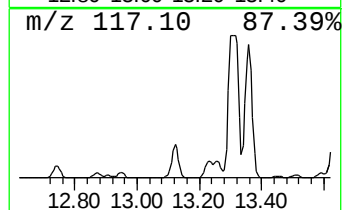
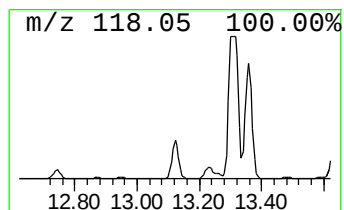
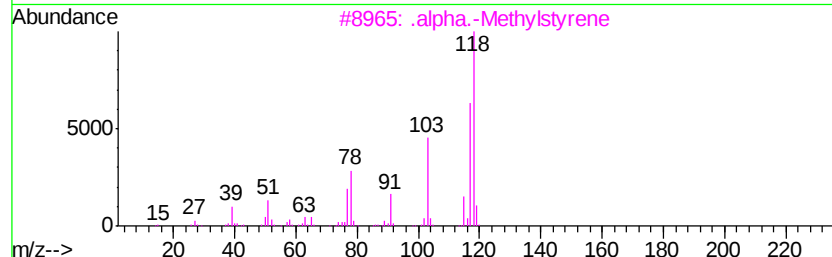
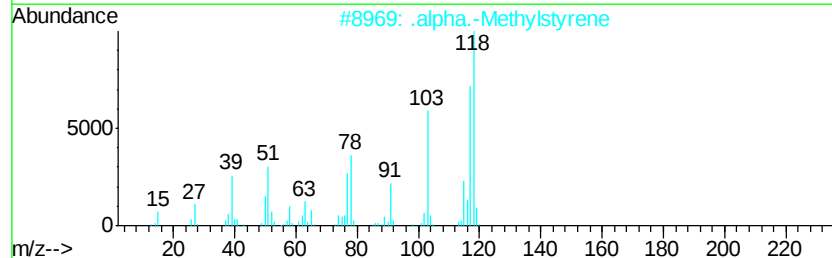
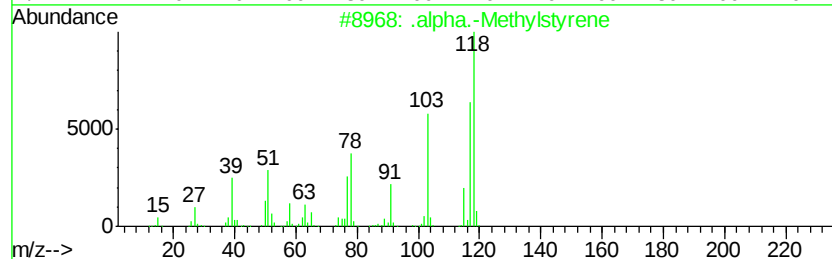
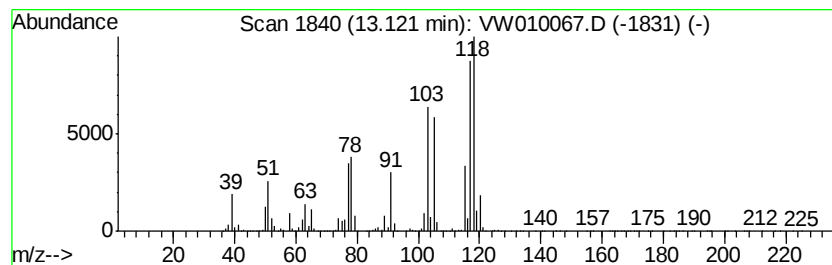
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Quant Title : VOC Analysis

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

Peak Number 5 .alpha.-Methylstyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	20.55 ug/L	32789300	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.alpha.-Methylstyrene	118	C9H10	000098-83-9	93
2		.alpha.-Methylstyrene	118	C9H10	000098-83-9	89
3		.alpha.-Methylstyrene	118	C9H10	000098-83-9	58
4		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	42
5		Benzene, 2-propenyl-	118	C9H10	000300-57-2	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010067.D
Acq On : 19 Apr 2019 15:18
Operator : SY/VA
Sample : K2455-17
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR7

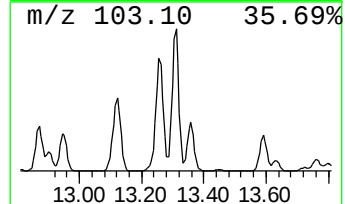
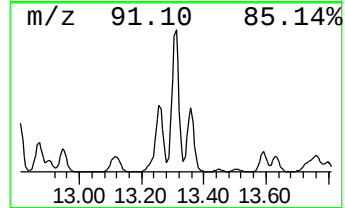
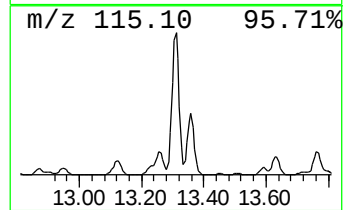
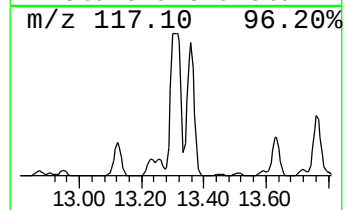
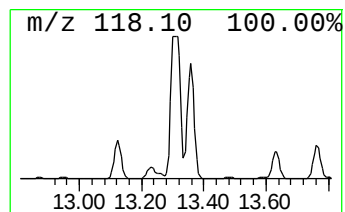
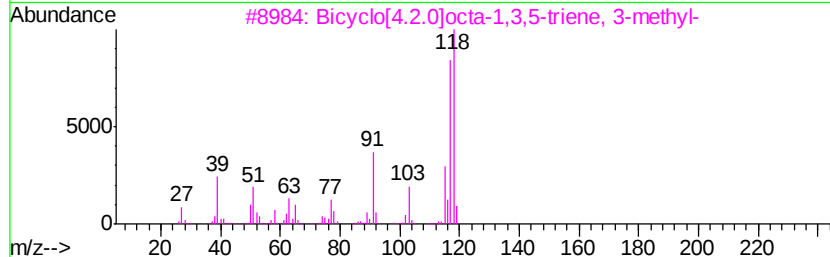
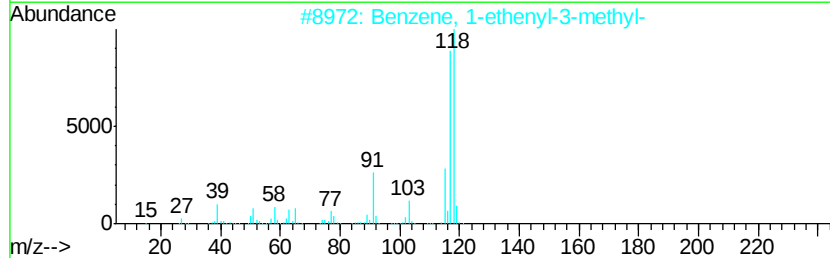
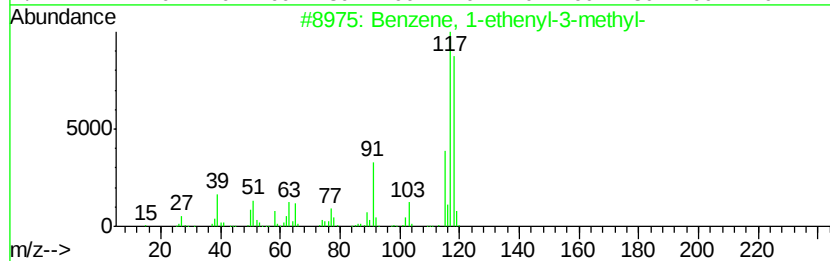
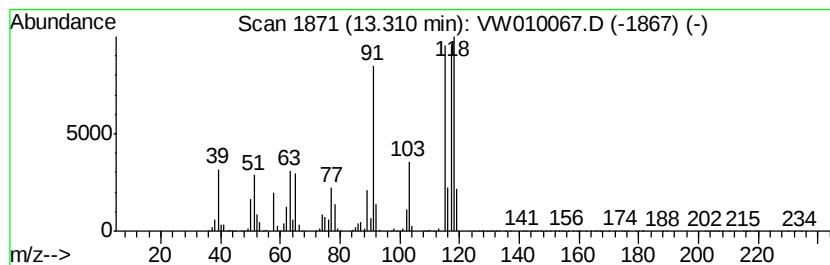
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Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1-ethenyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	74.05 ug/L	118168000	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94
2		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	92
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	86
4		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	78
5		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010067.D
Acq On : 19 Apr 2019 15:18
Operator : SY/VA
Sample : K2455-17
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR7

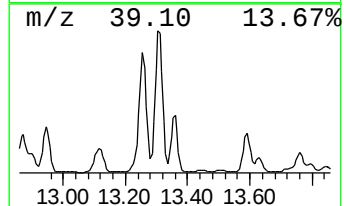
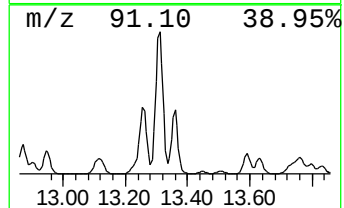
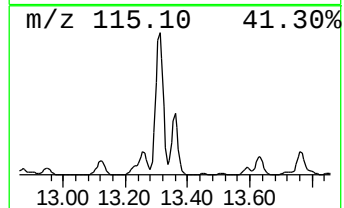
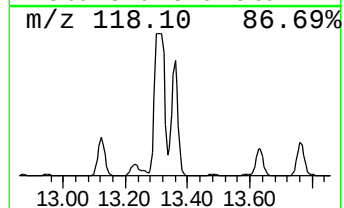
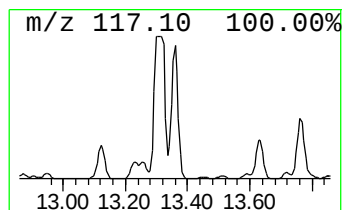
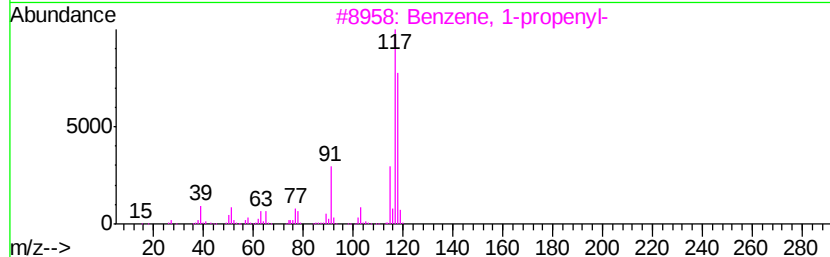
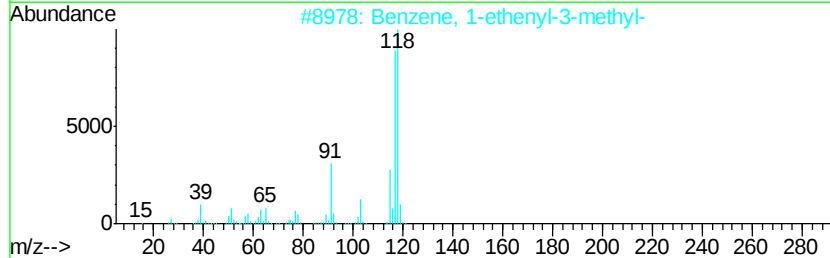
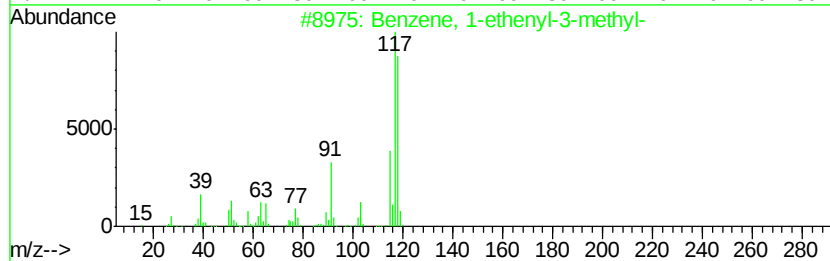
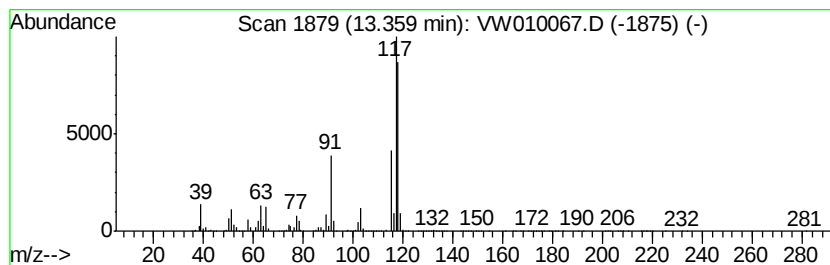
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Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 1-propenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	31.64 ug/L	50485600	1,4-Dichlorobenzene-d4	13.56

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-3-methyl-	118	C9H10	000100-80-1	96
3		Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
4		Benzene, 2-propenyl-	118	C9H10	000300-57-2	94
5		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010067.D
Acq On : 19 Apr 2019 15:18
Operator : SY/VA
Sample : K2455-17
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR7

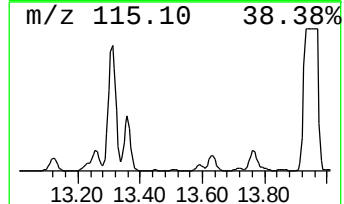
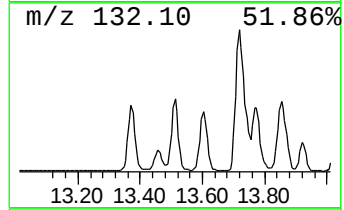
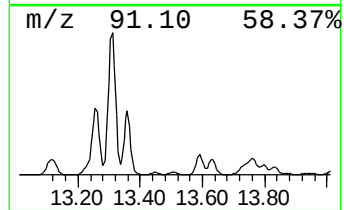
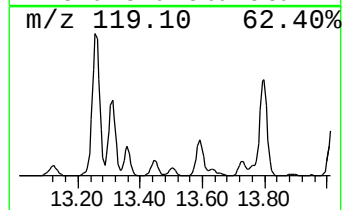
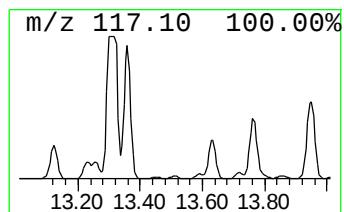
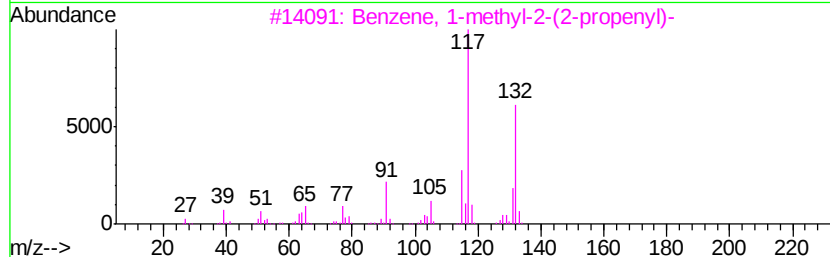
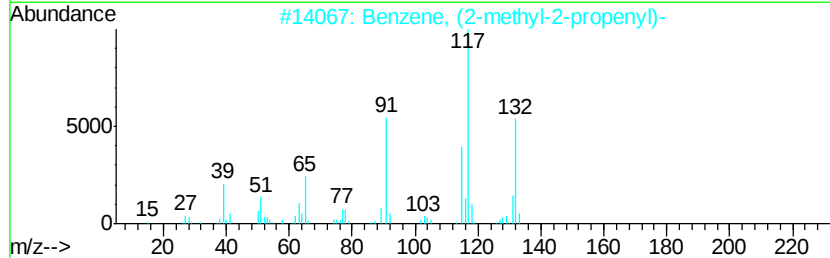
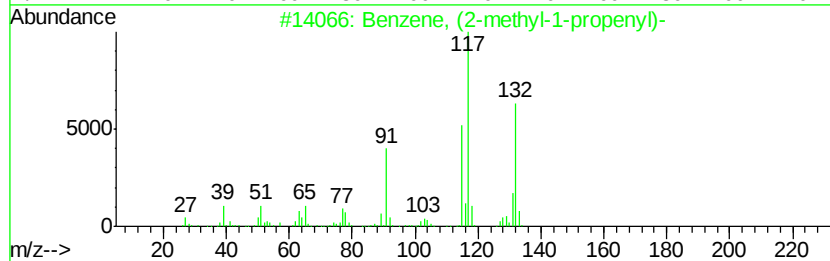
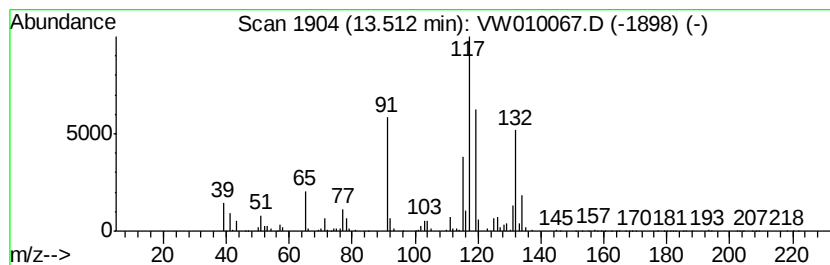
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Quant Title : VOC Analysis

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

Peak Number 9 Benzene, (2-methyl-1-propen... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	1.51 ug/L	2413570	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	89
2			Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	55
3			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	55
4			Indan, 1-methyl-	132	C10H12	000767-58-8	50
5			1-Phenyl-1-butene	132	C10H12	000824-90-8	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010067.D
Acq On : 19 Apr 2019 15:18
Operator : SY/VA
Sample : K2455-17
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
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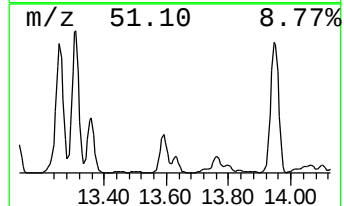
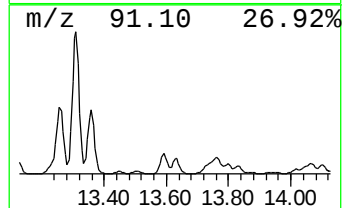
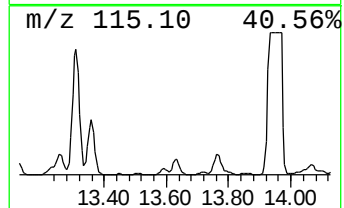
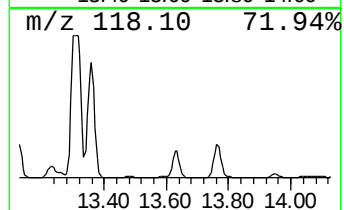
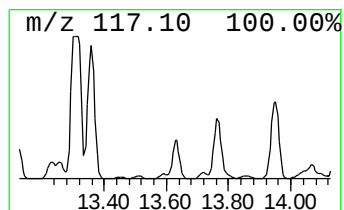
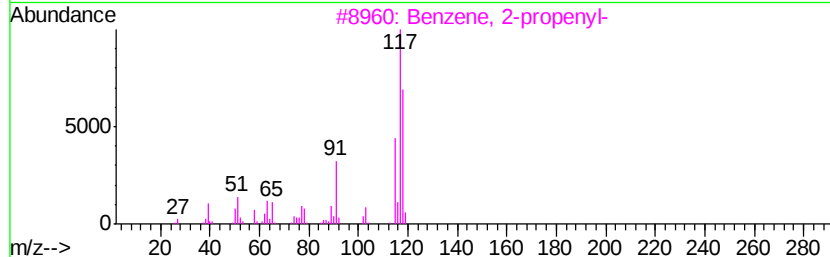
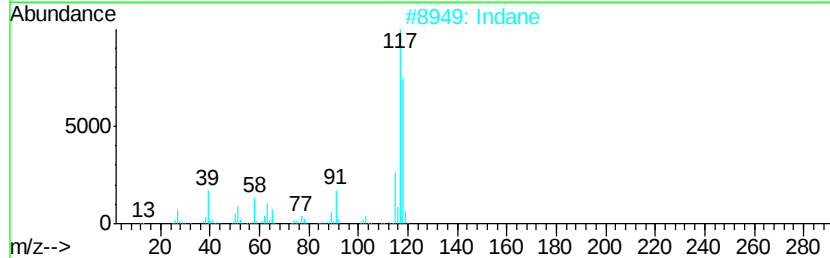
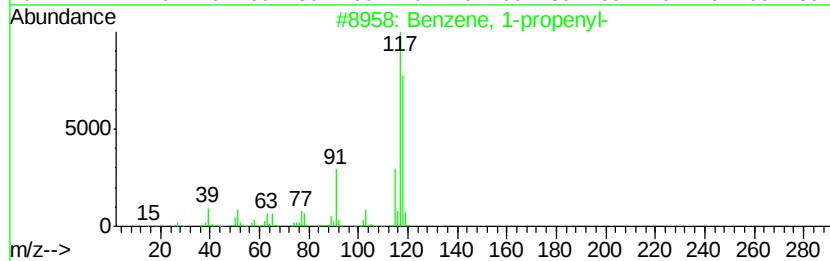
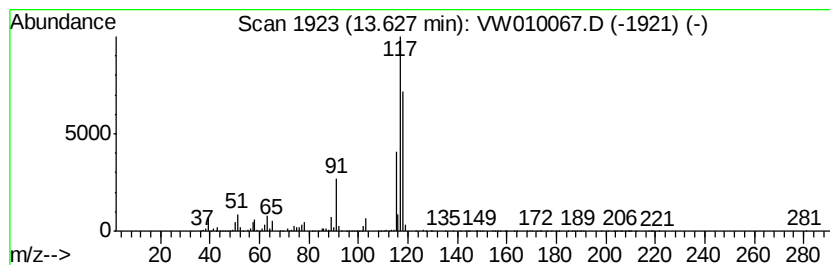
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Quant Title : VOC Analysis

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

Peak Number 10 Benzene, 2-propenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	8.05 ug/L	12852000	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	86
2		Indane	118	C9H10	000496-11-7	76
3		Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
4		(Z)-1-Phenylpropene	118	C9H10	000766-90-5	70
5		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010067.D
Acq On : 19 Apr 2019 15:18
Operator : SY/VA
Sample : K2455-17
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR7

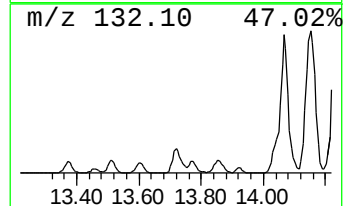
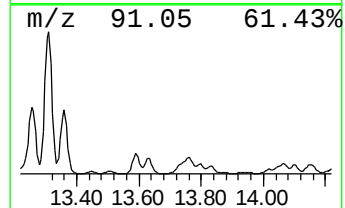
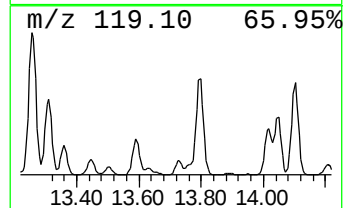
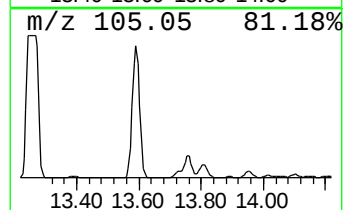
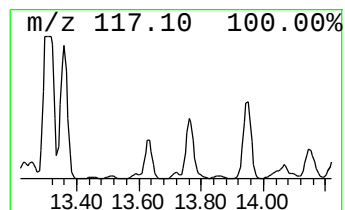
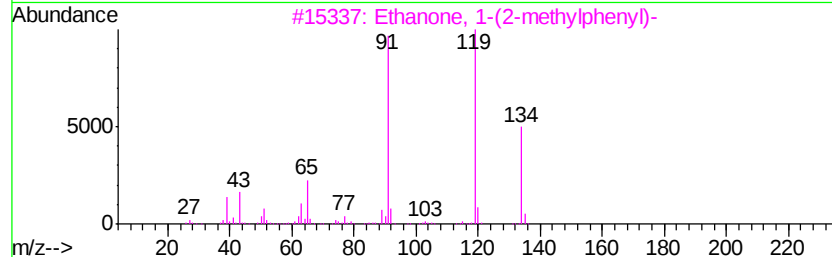
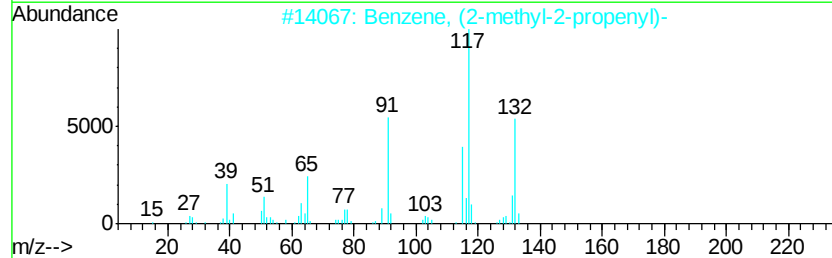
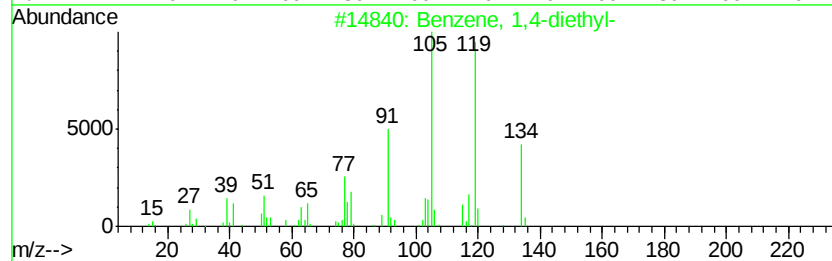
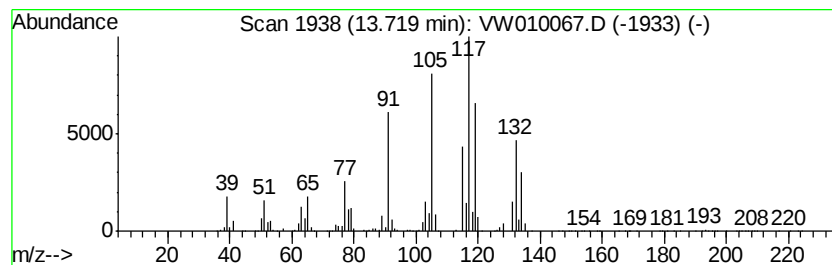
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Quant Title : VOC Analysis

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

Peak Number 11 Benzene, 1,4-diethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	2.58 ug/L	4124950	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
2		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	86
3		Ethanone, 1-(2-methylphenyl)-	134	C9H10O	000577-16-2	70
4		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	64
5		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010067.D
Acq On : 19 Apr 2019 15:18
Operator : SY/VA
Sample : K2455-17
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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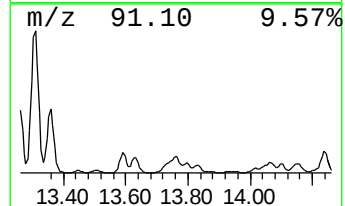
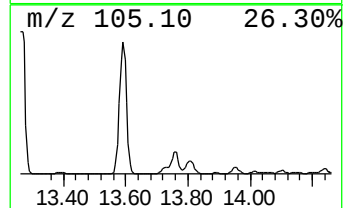
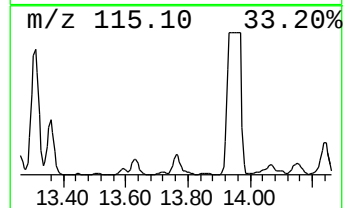
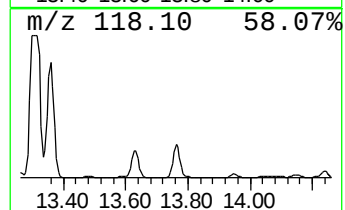
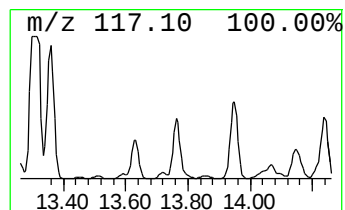
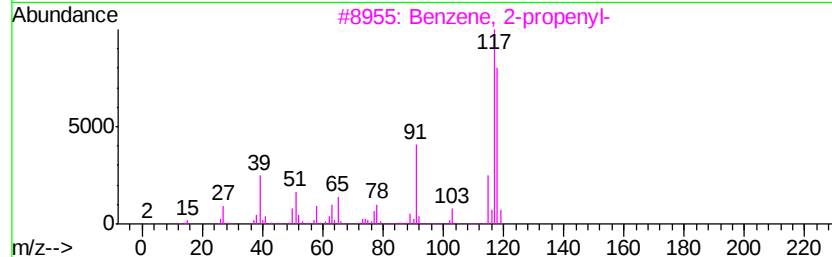
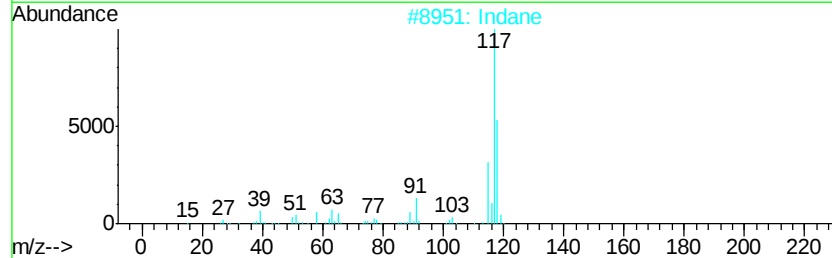
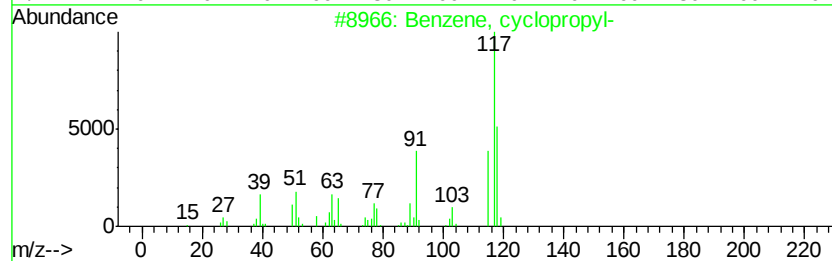
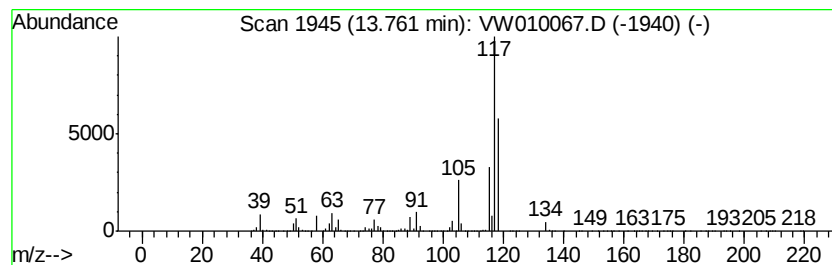
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Quant Title : VOC Analysis

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

Peak Number 12 Benzene, cyclopropyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	10.14 ug/L	16178900	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, cvclopropyl-	118	C9H10	000873-49-4	70
2		Indane	118	C9H10	000496-11-7	70
3		Benzene, 2-propenyl-	118	C9H10	000300-57-2	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\VW041919\
Data File : VW010067.D
Acq On : 19 Apr 2019 15:18
Operator : SY/VA
Sample : K2455-17
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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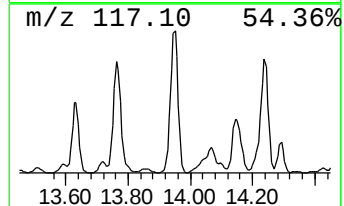
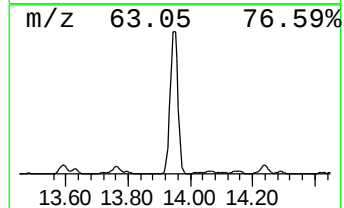
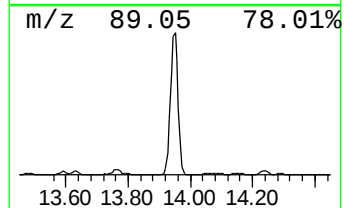
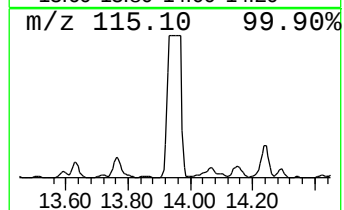
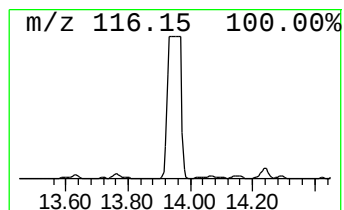
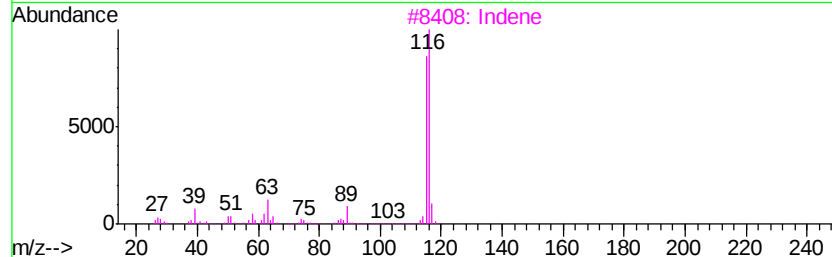
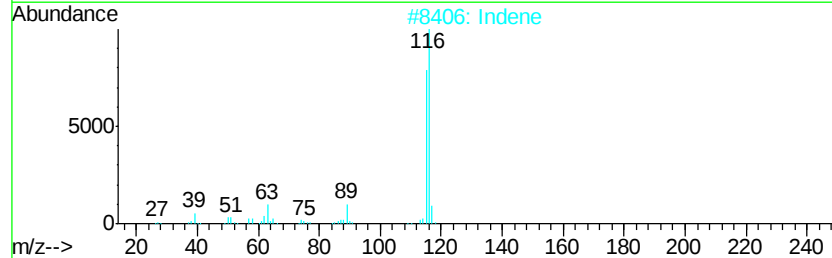
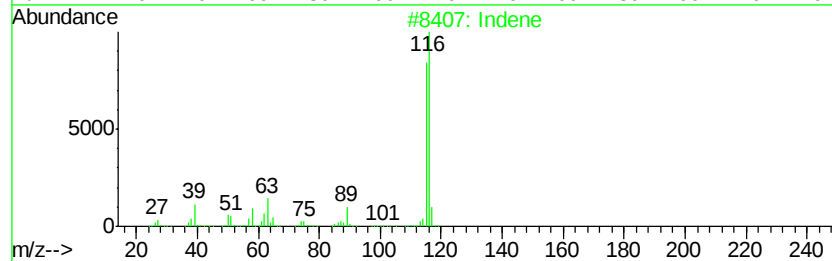
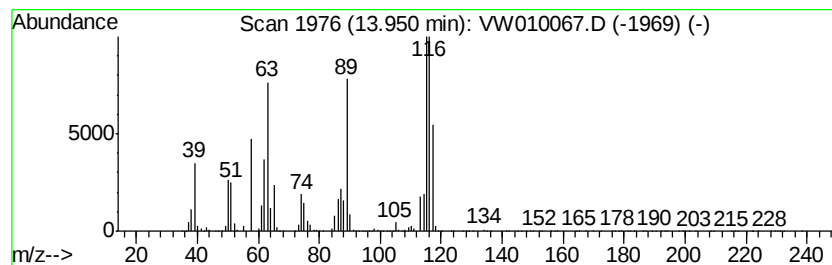
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Quant Title : VOC Analysis

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

Peak Number 14 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	110.59 ug/L	176480000	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	96
2		Indene	116	C9H8	000095-13-6	96
3		Indene	116	C9H8	000095-13-6	95
4		Benzene, 1-propynyl-	116	C9H8	000673-32-5	81
5		3-Methylphenylacetylene	116	C9H8	000766-82-5	74



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010067.D
Acq On : 19 Apr 2019 15:18
Operator : SY/VA
Sample : K2455-17
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR7

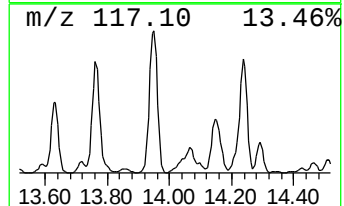
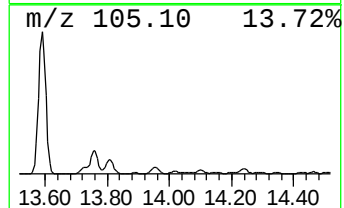
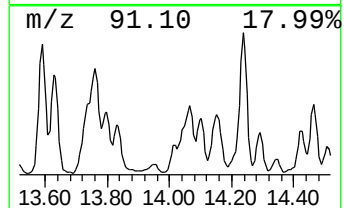
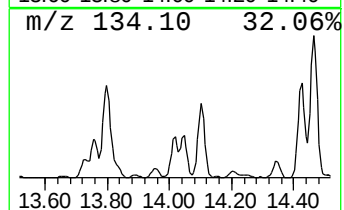
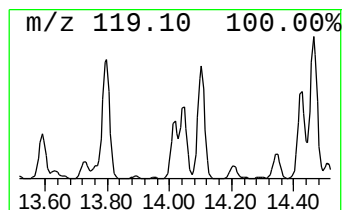
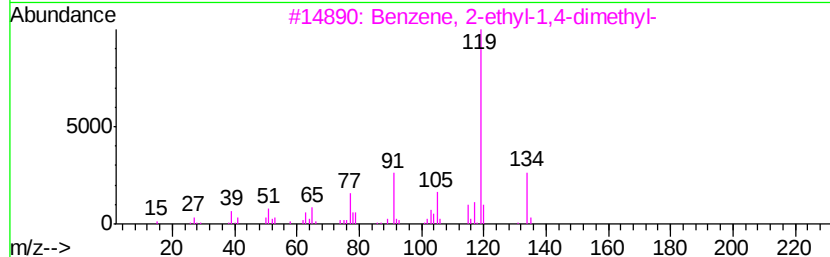
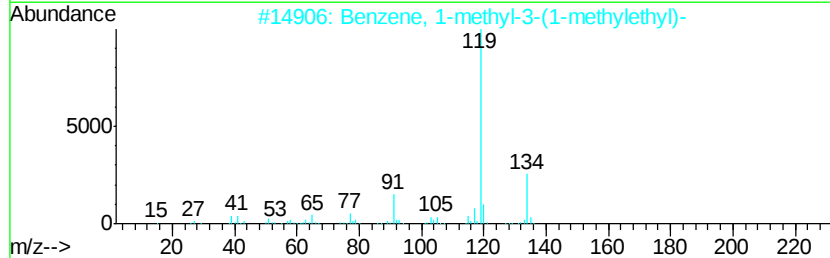
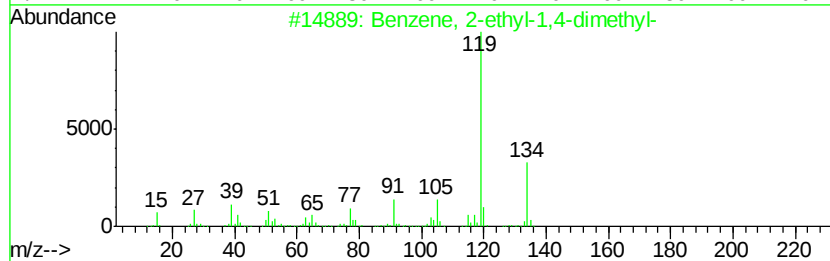
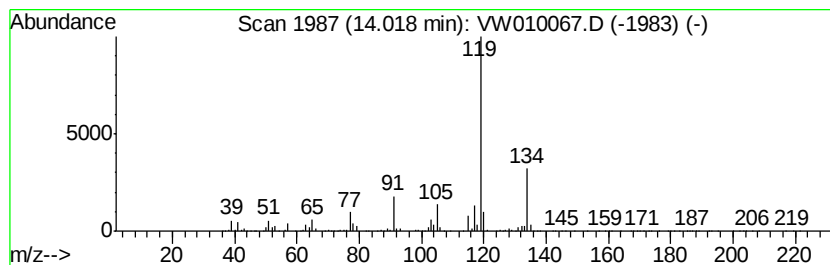
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Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	2.31 ug/L	3685530	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2		Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	94
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010067.D
Acq On : 19 Apr 2019 15:18
Operator : SY/VA
Sample : K2455-17
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR7

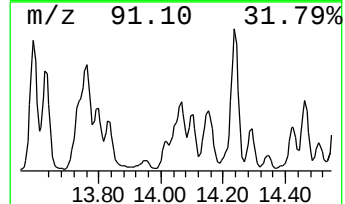
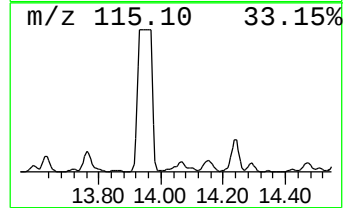
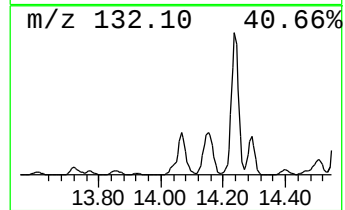
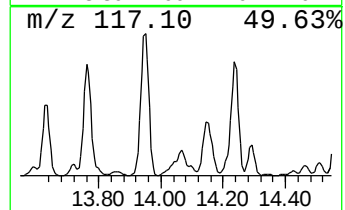
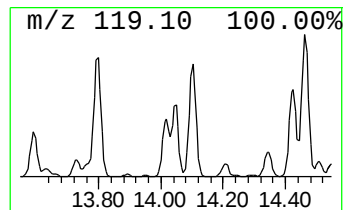
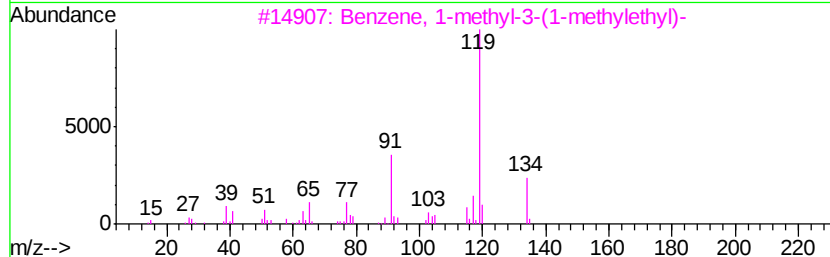
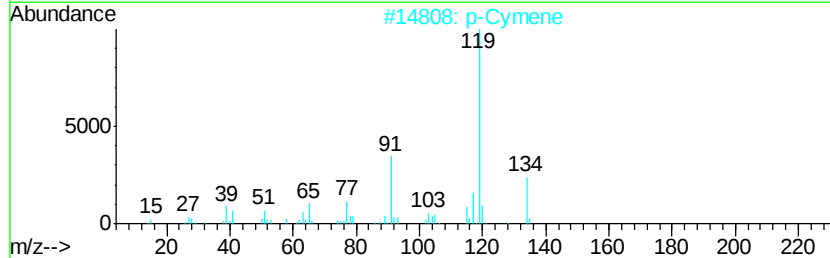
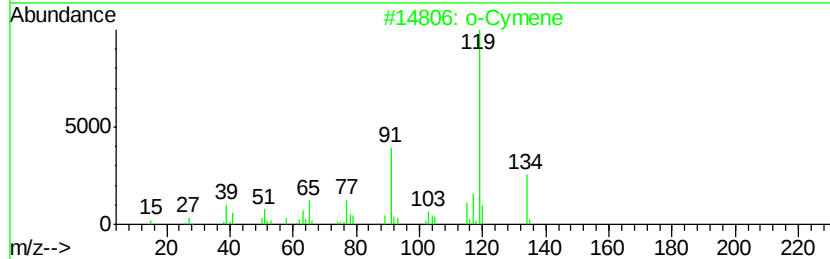
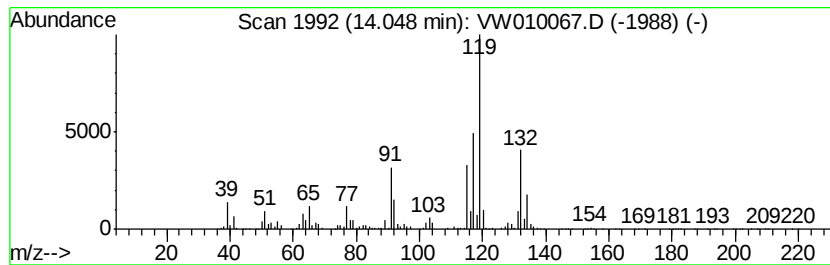
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Quant Title : VOC Analysis

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

Peak Number 16 o-Cymene Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	1.93 ug/L	3074670	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	50
2		p-Cymene	134	C10H14	000099-87-6	45
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	45
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	43
5		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010067.D
Acq On : 19 Apr 2019 15:18
Operator : SY/VA
Sample : K2455-17
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR7

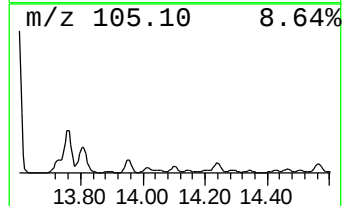
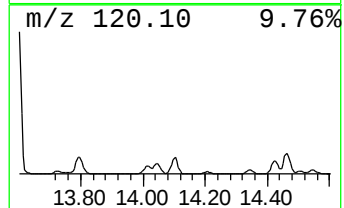
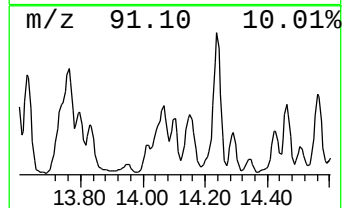
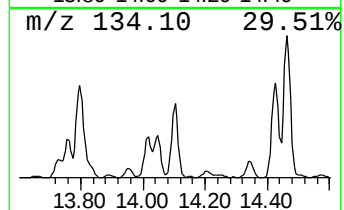
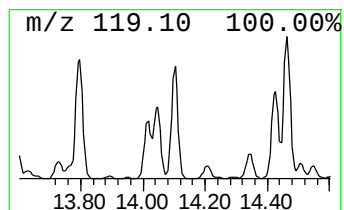
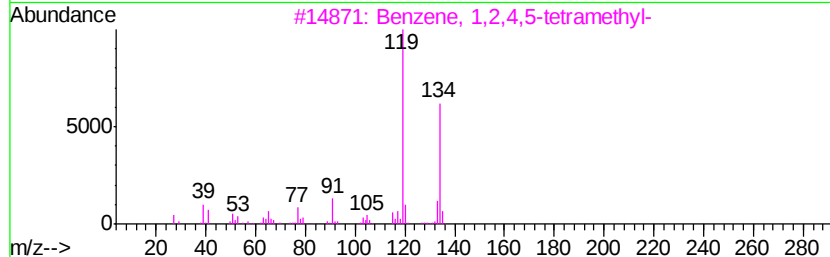
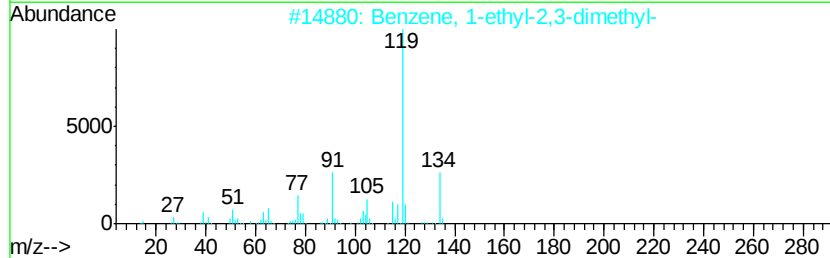
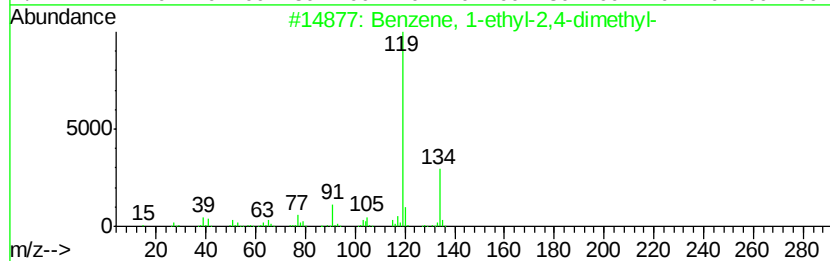
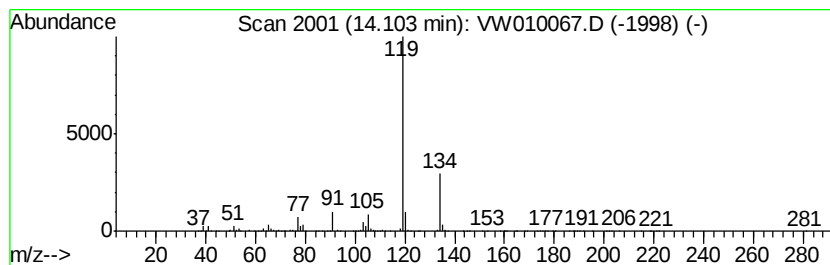
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Quant Title : VOC Analysis

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

Peak Number 17 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	5.24 ug/L	8356110	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010067.D
Acq On : 19 Apr 2019 15:18
Operator : SY/VA
Sample : K2455-17
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR7

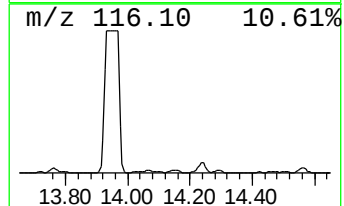
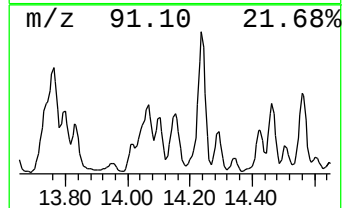
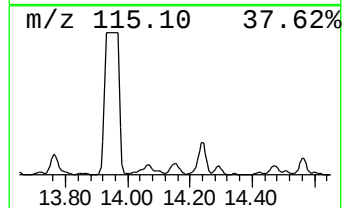
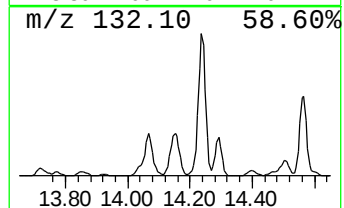
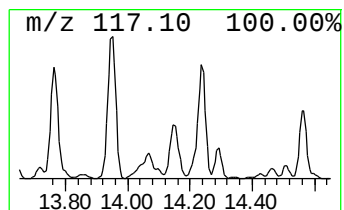
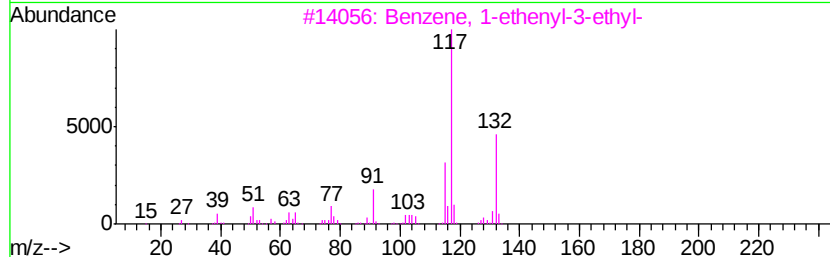
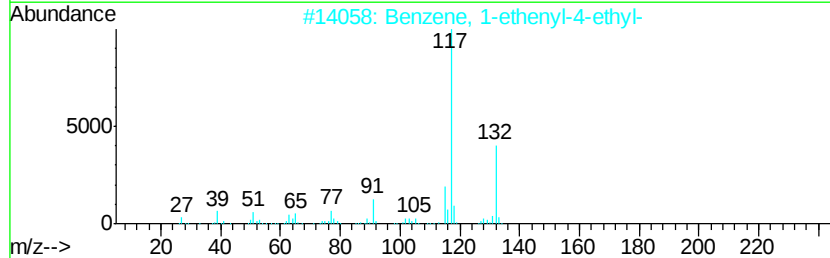
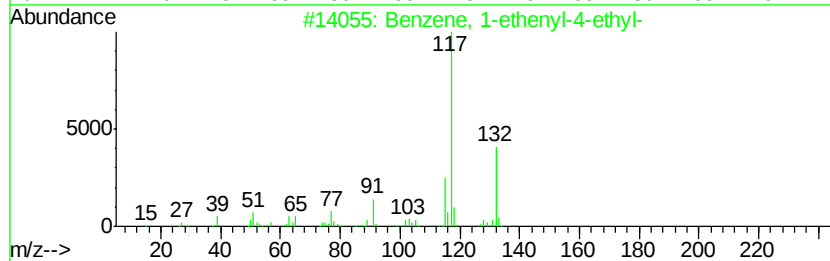
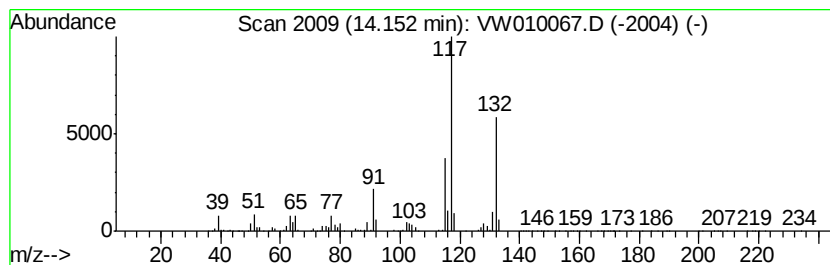
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Quant Title : VOC Analysis

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

Peak Number 18 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	7.99 ug/L	12743700	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	95
2		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
3		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	93
4		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010067.D
Acq On : 19 Apr 2019 15:18
Operator : SY/VA
Sample : K2455-17
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR7

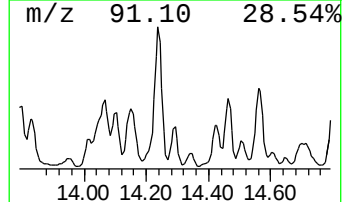
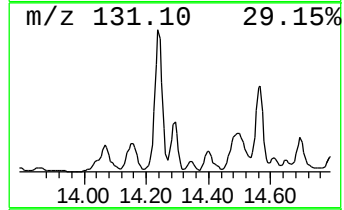
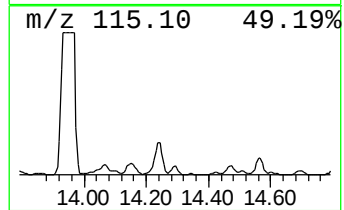
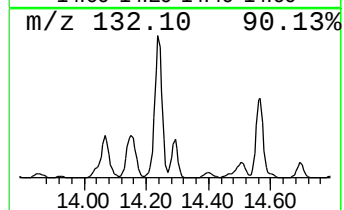
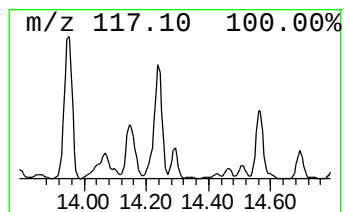
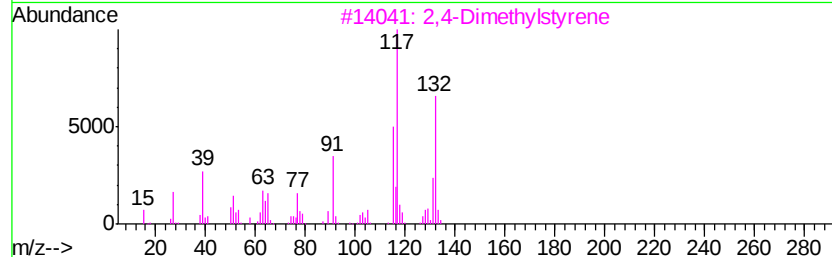
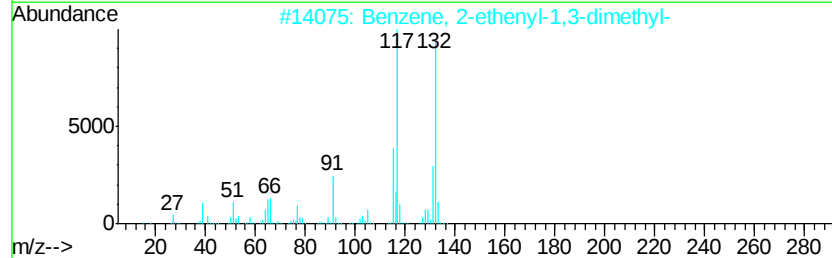
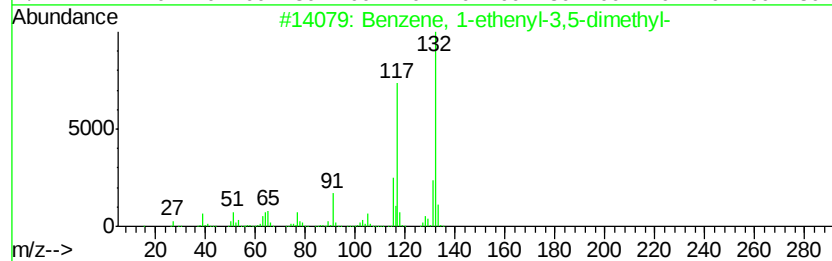
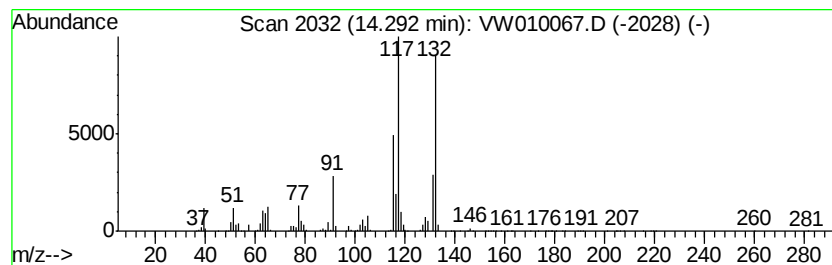
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	4.47 ug/L	7127900	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94
2			Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94
3			2,4-Dimethylstyrene	132	C10H12	002234-20-0	94
4			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	93
5			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010067.D
Acq On : 19 Apr 2019 15:18
Operator : SY/VA
Sample : K2455-17
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR7

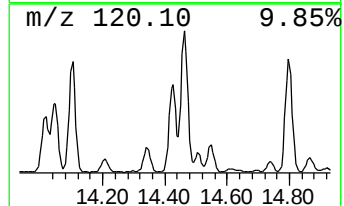
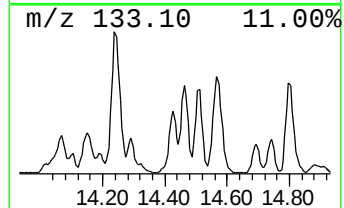
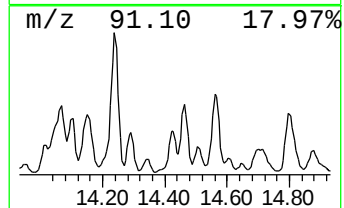
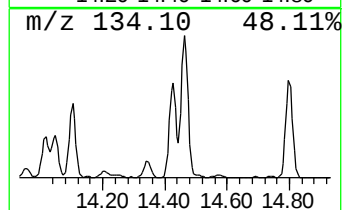
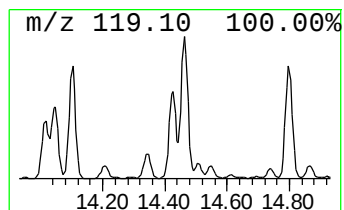
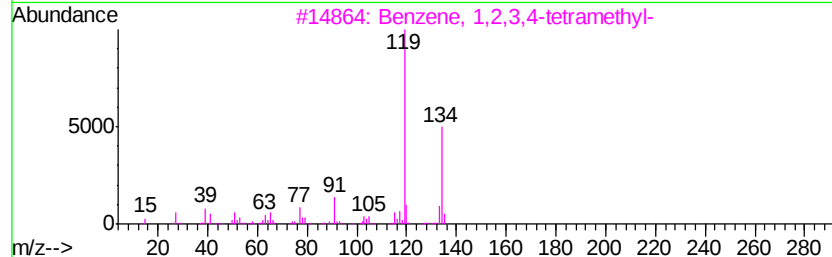
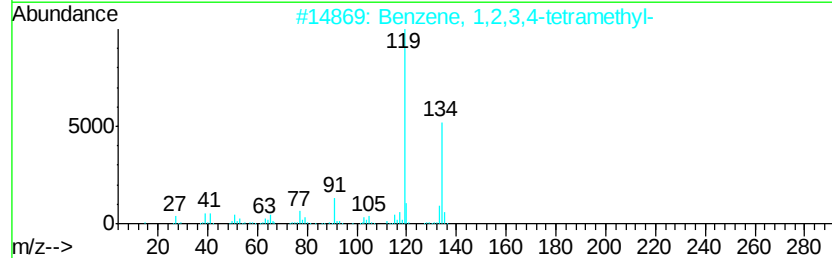
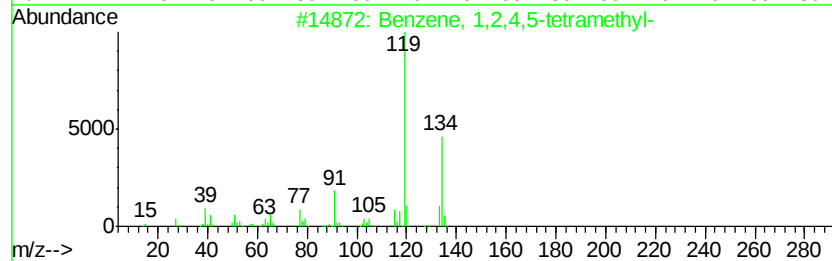
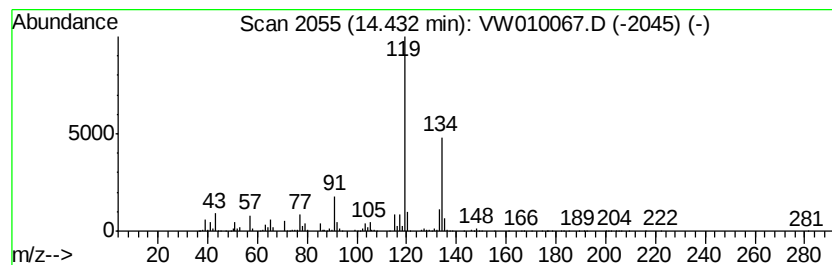
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Quant Title : VOC Analysis

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

Peak Number 22 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	7.00 ug/L	11163900	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010067.D
Acq On : 19 Apr 2019 15:18
Operator : SY/VA
Sample : K2455-17
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR7

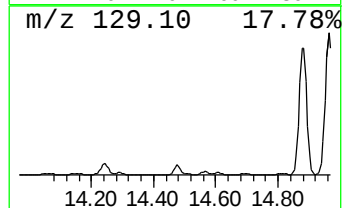
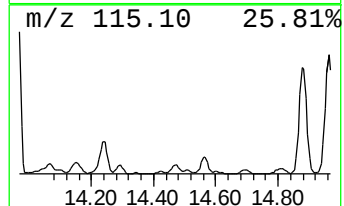
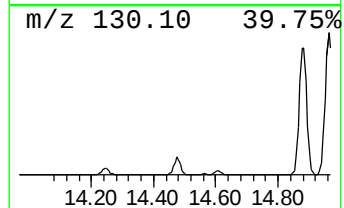
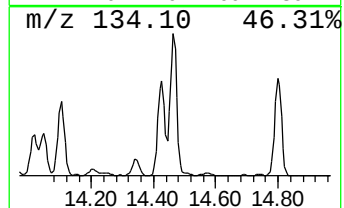
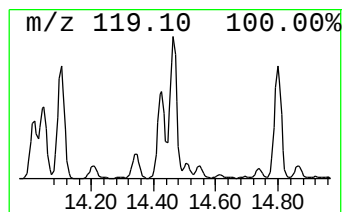
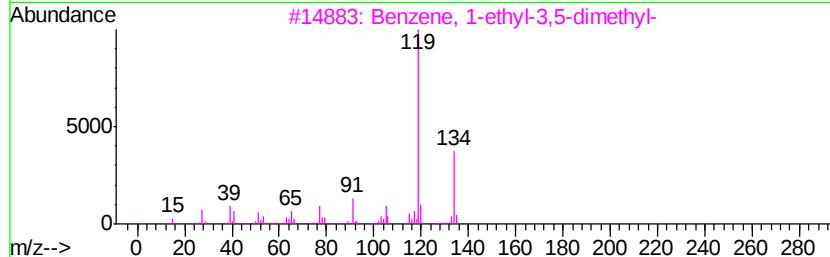
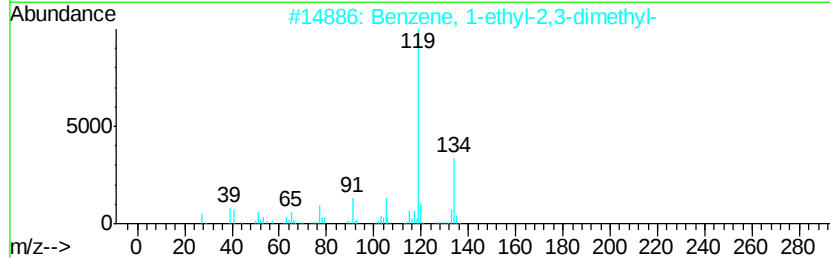
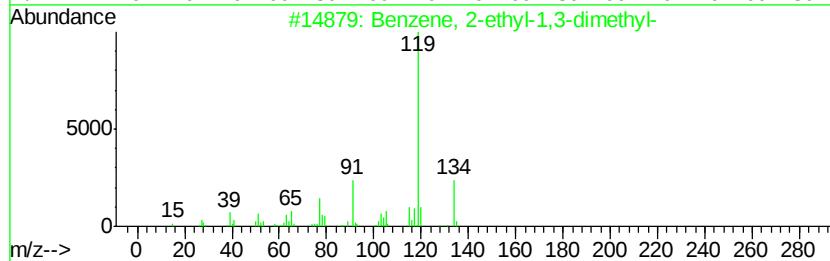
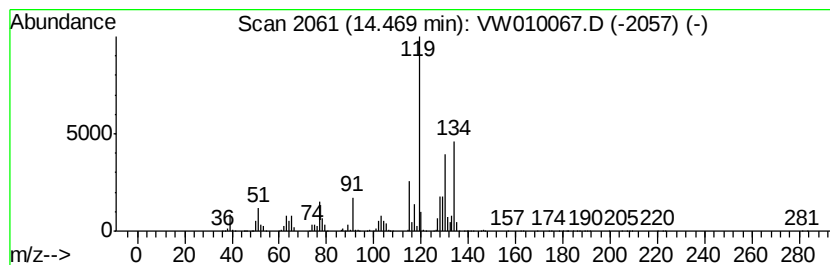
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Quant Title : VOC Analysis

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

Peak Number 23 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	10.71 ug/L	17091600	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010067.D
Acq On : 19 Apr 2019 15:18
Operator : SY/VA
Sample : K2455-17
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR7

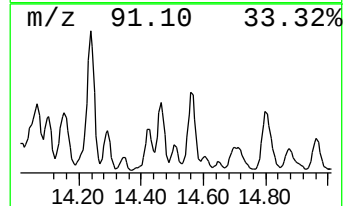
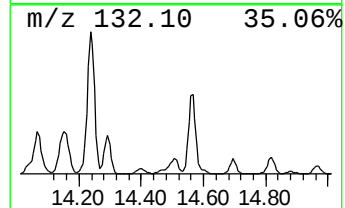
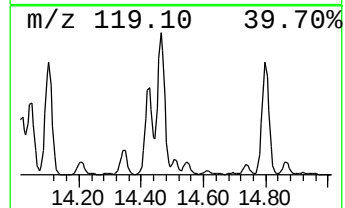
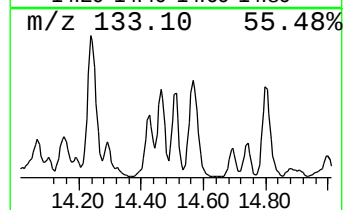
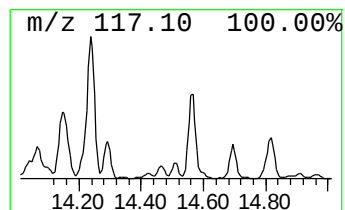
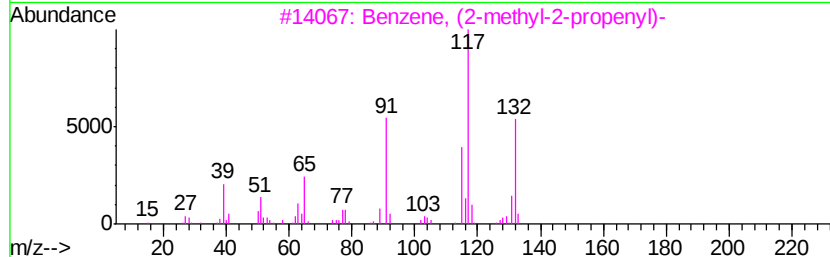
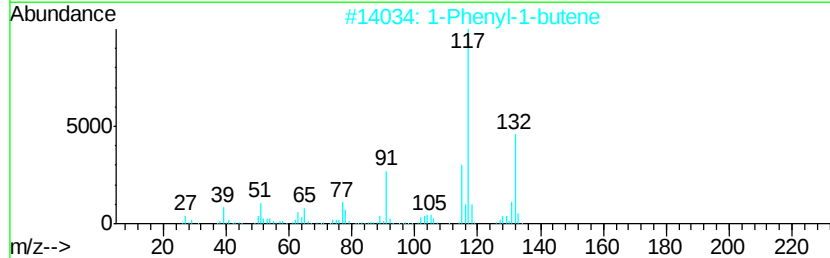
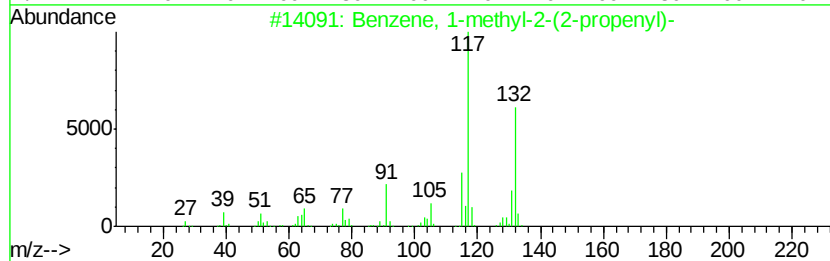
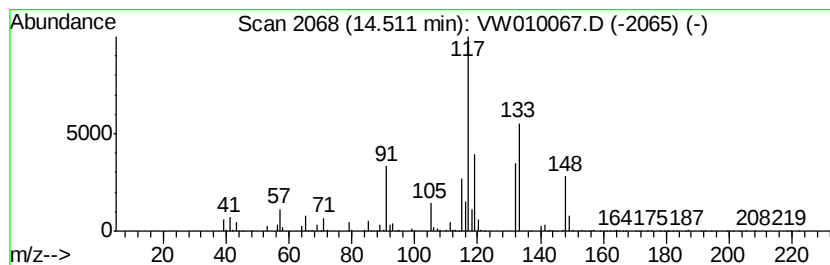
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Quant Title : VOC Analysis

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

Peak Number 24 unknown-01 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	2.70 ug/L	4315800	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	49
2		1-Phenyl-1-butene	132	C10H12	000824-90-8	49
3		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	49
4		Benzene, 2-butenyl-	132	C10H12	001560-06-1	47
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010067.D
Acq On : 19 Apr 2019 15:18
Operator : SY/VA
Sample : K2455-17
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR7

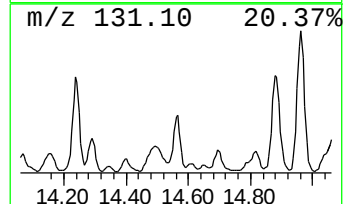
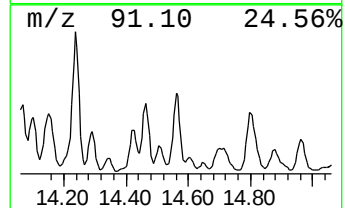
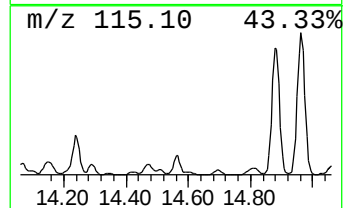
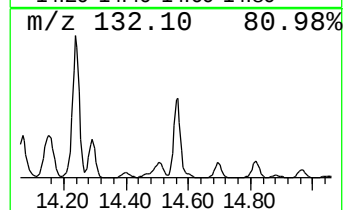
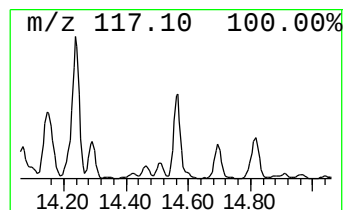
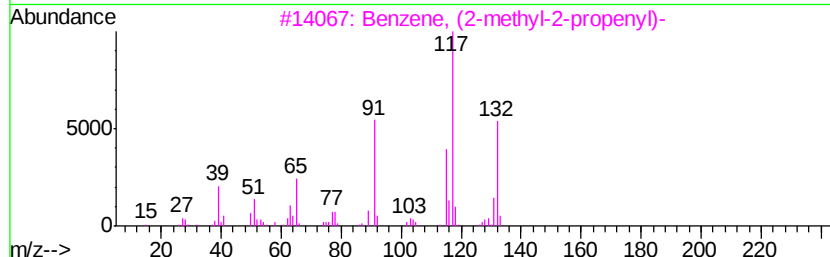
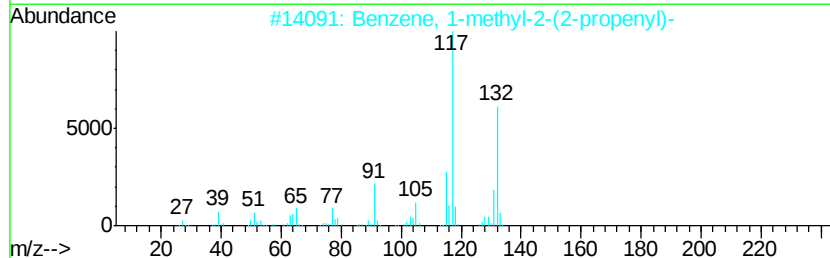
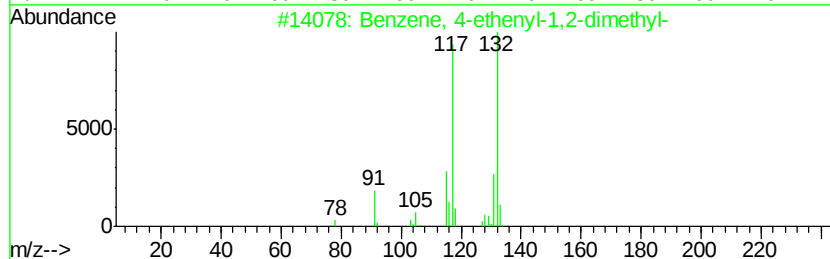
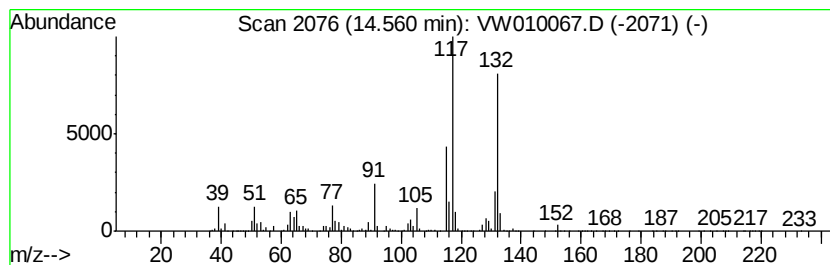
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Quant Title : VOC Analysis

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

Peak Number 25 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	10.81 ug/L	17254700	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	97
2		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
3		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95
4		Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	94
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010067.D
Acq On : 19 Apr 2019 15:18
Operator : SY/VA
Sample : K2455-17
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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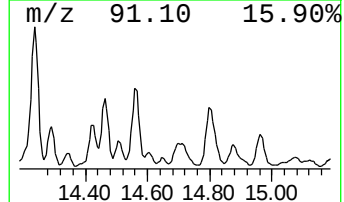
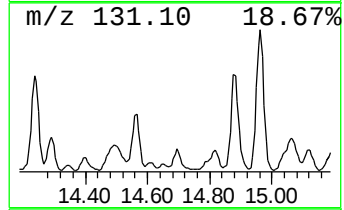
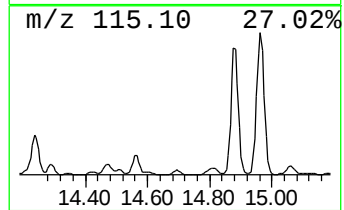
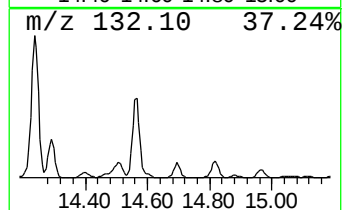
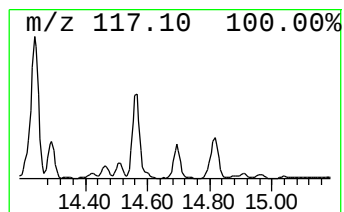
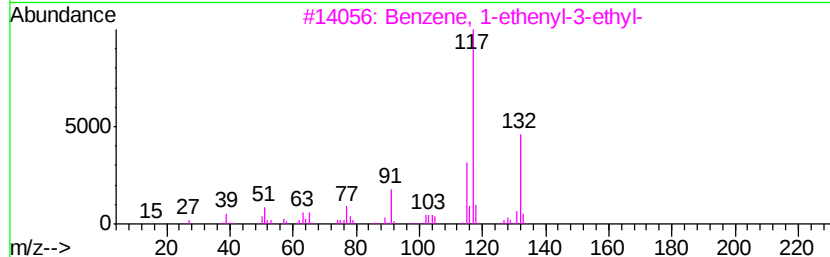
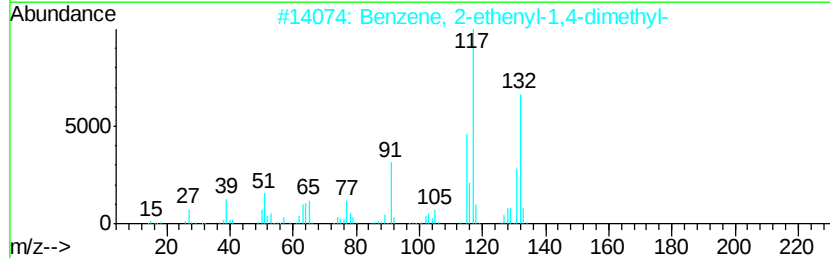
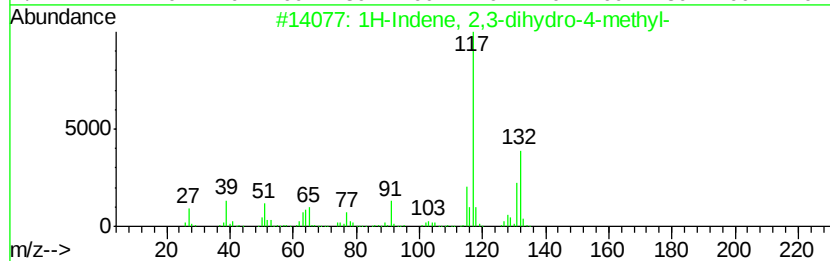
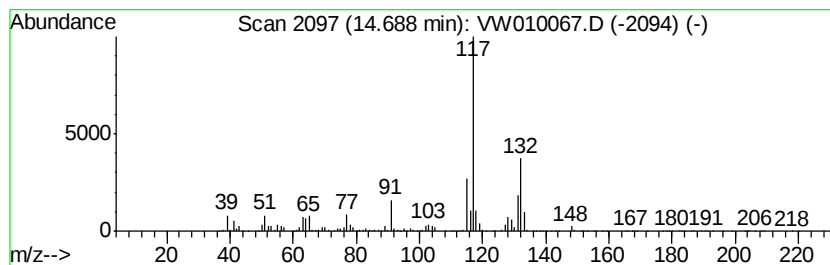
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	3.70 ug/L	5896660	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
4		Indan, 1-methyl-	132	C10H12	000767-58-8	81
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010067.D
Acq On : 19 Apr 2019 15:18
Operator : SY/VA
Sample : K2455-17
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR7

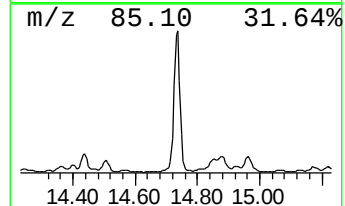
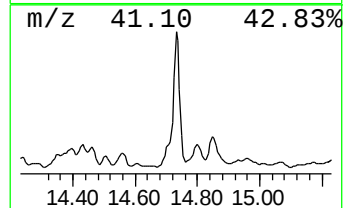
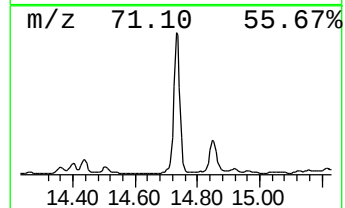
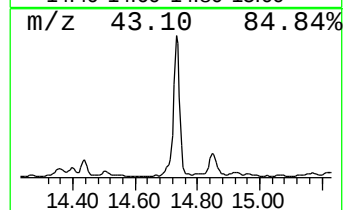
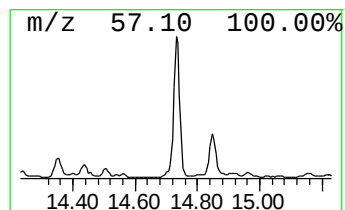
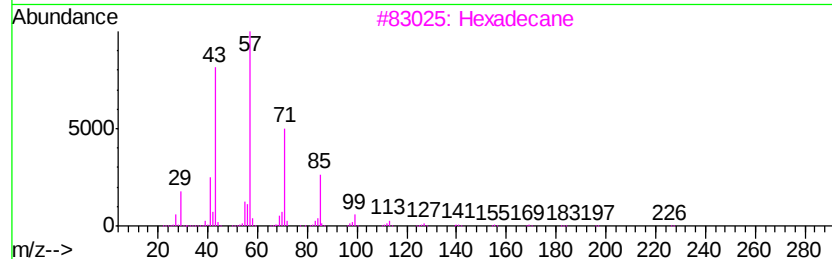
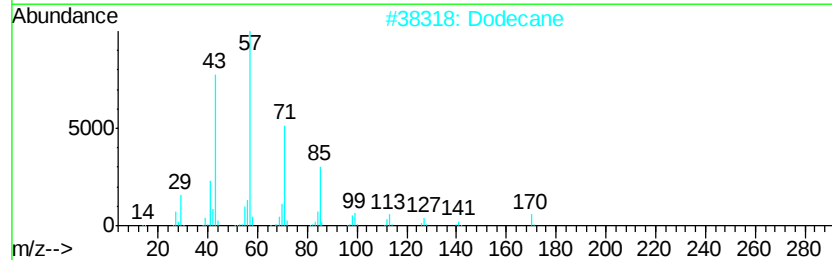
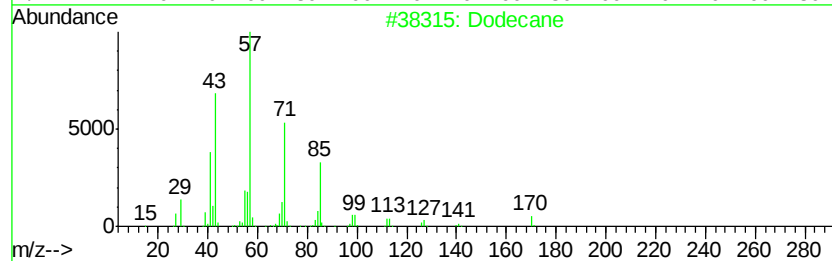
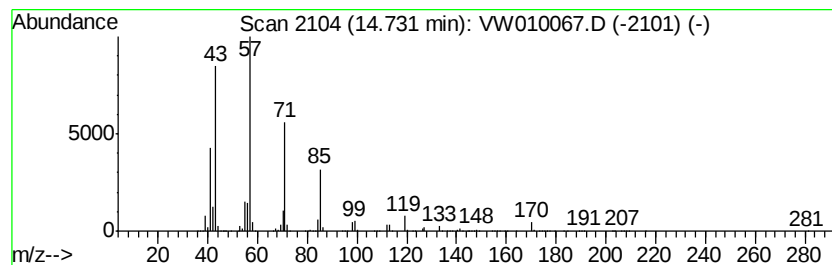
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Quant Title : VOC Analysis

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	7.75 ug/L	12360900	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	96
2		Dodecane	170	C12H26	000112-40-3	94
3		Hexadecane	226	C16H34	000544-76-3	86
4		Decane, 2-methyl-	156	C11H24	006975-98-0	81
5		Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010067.D
Acq On : 19 Apr 2019 15:18
Operator : SY/VA
Sample : K2455-17
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR7

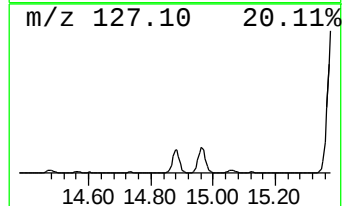
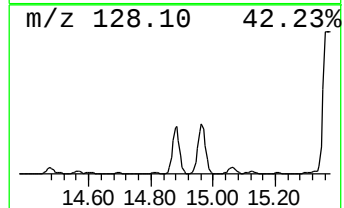
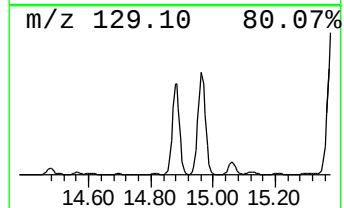
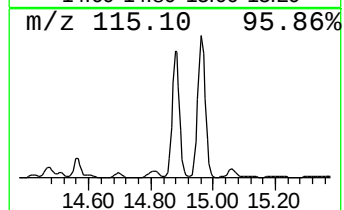
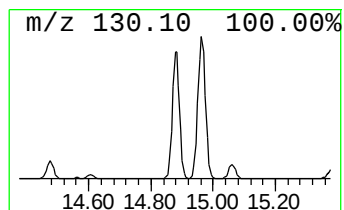
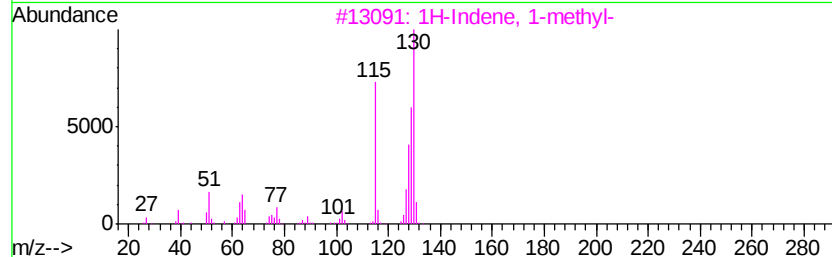
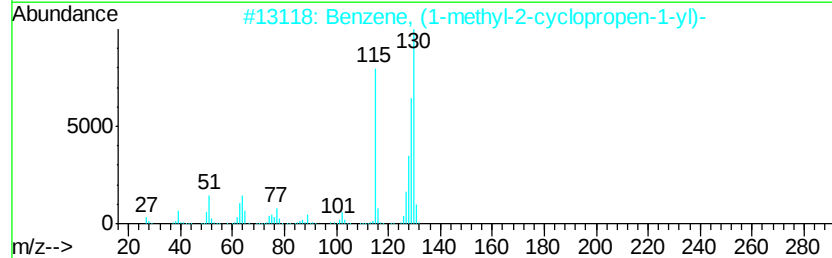
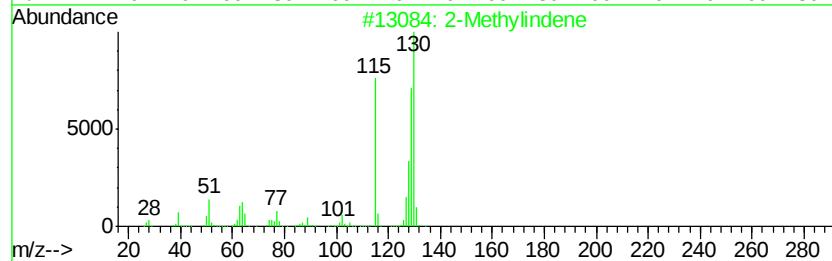
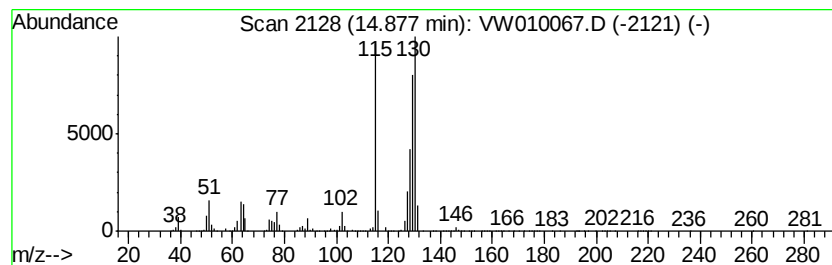
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Quant Title : VOC Analysis

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

Peak Number 29 2-Methylindene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	37.17 ug/L	59318700	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methylindene	130	C10H10	002177-47-1	97
2		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
3		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
5		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	96



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010067.D
Acq On : 19 Apr 2019 15:18
Operator : SY/VA
Sample : K2455-17
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR7

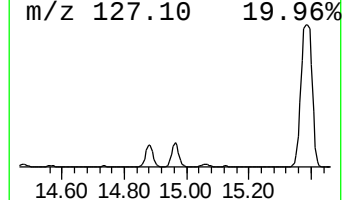
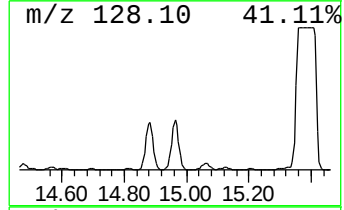
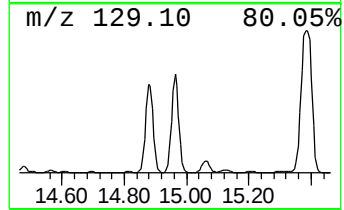
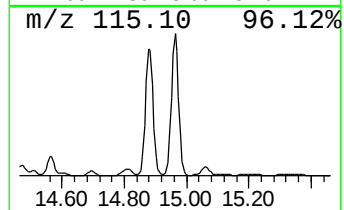
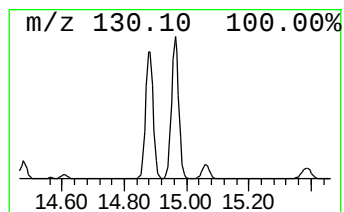
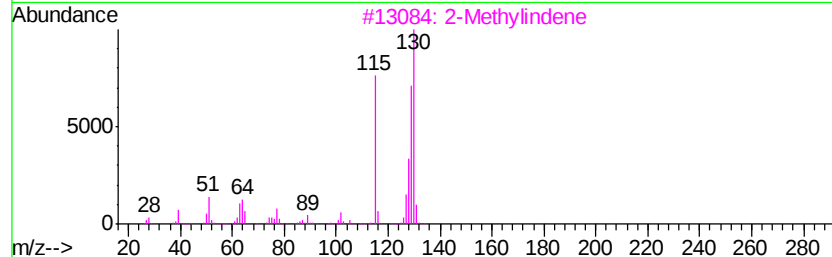
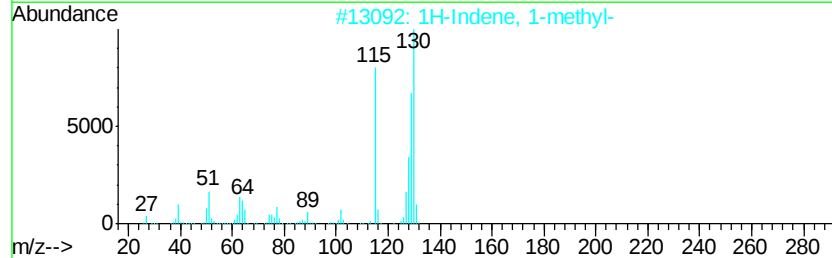
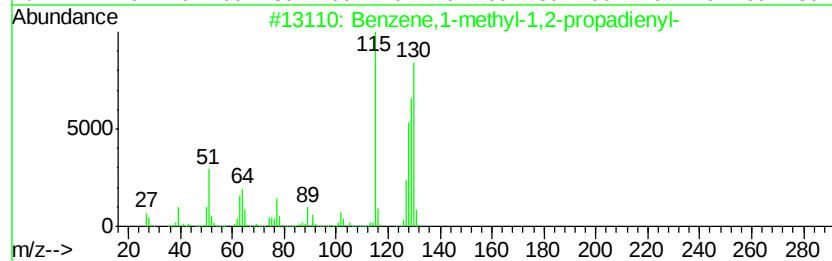
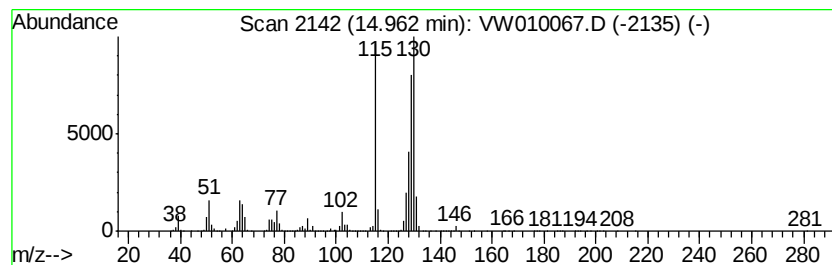
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Quant Title : VOC Analysis

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

Peak Number 30 Benzene,1-methyl-1,2-propad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	40.84 ug/L	65168300	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	96
2		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3		2-Methylindene	130	C10H10	002177-47-1	96
4		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
5		Benzene, 1-butyryl-	130	C10H10	000622-76-4	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010067.D
Acq On : 19 Apr 2019 15:18
Operator : SY/VA
Sample : K2455-17
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR7

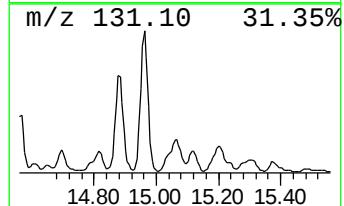
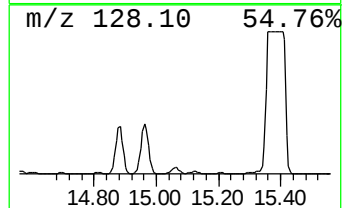
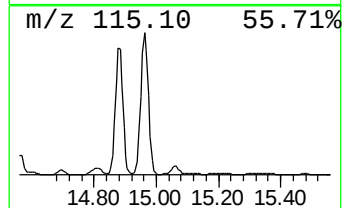
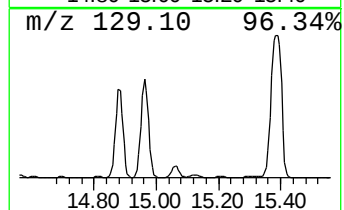
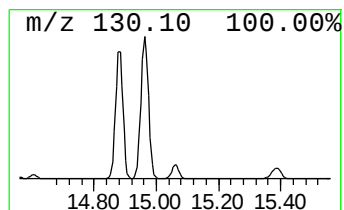
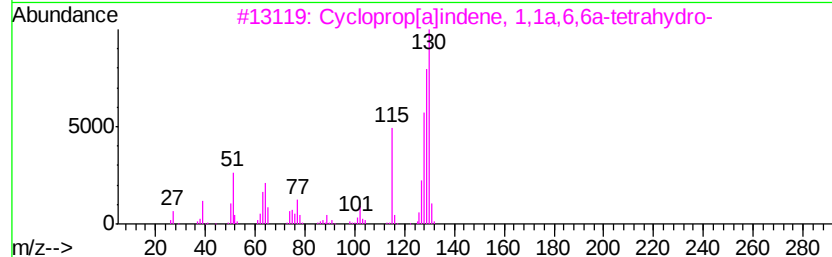
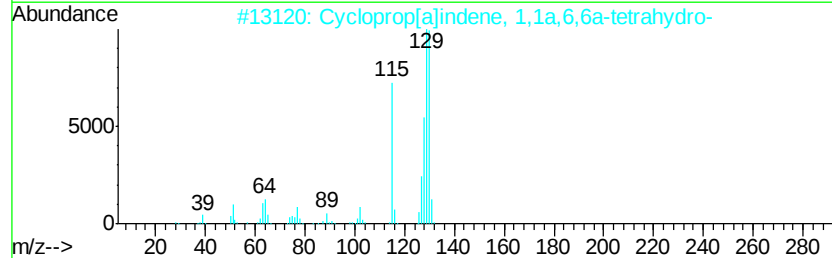
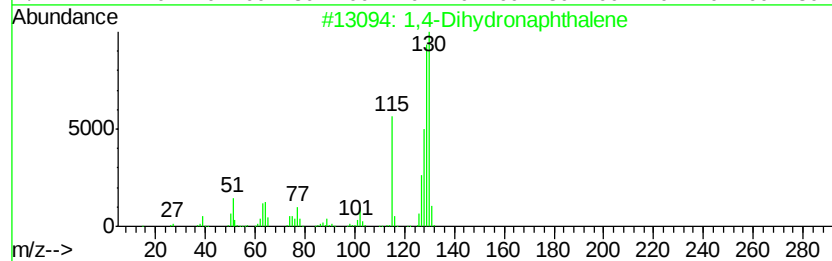
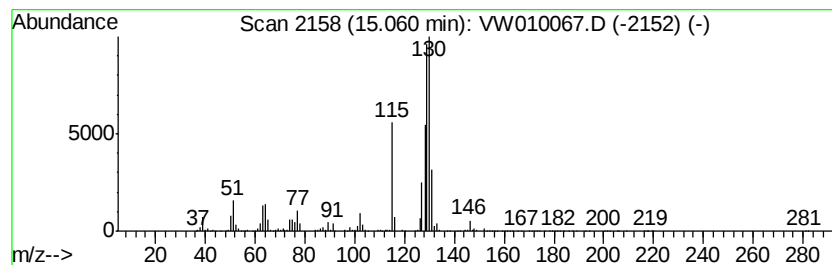
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Quant Title : VOC Analysis

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

Peak Number 31 1,4-Dihydronaphthalene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	4.55 ug/L	7255370	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
2		Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
3		Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93
4		Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93
5		Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010067.D
Acq On : 19 Apr 2019 15:18
Operator : SY/VA
Sample : K2455-17
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR7

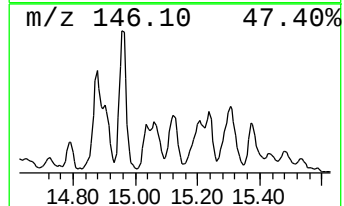
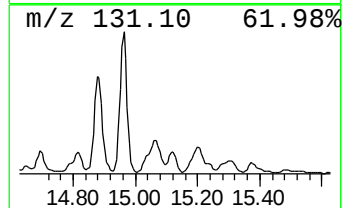
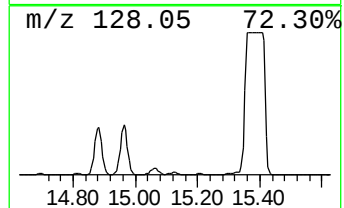
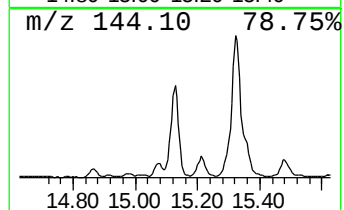
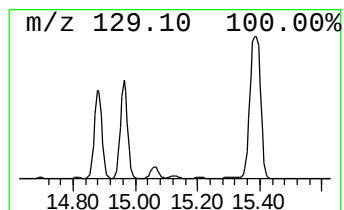
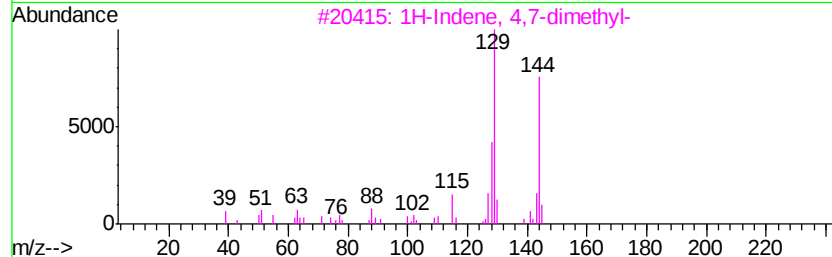
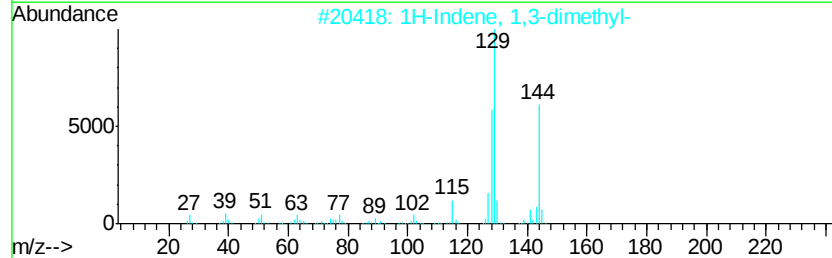
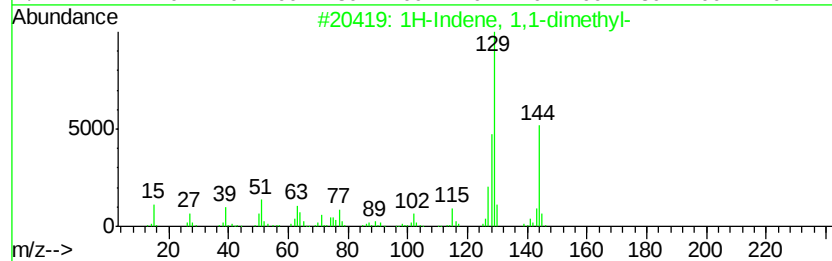
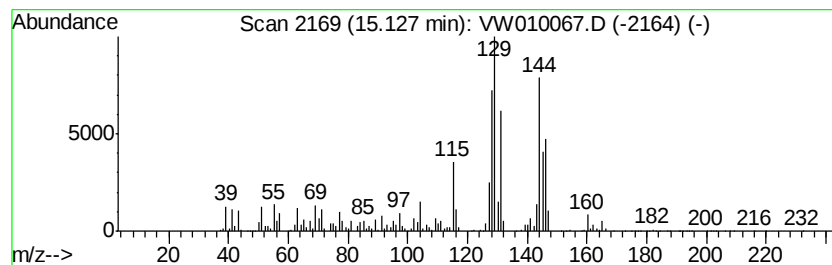
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Quant Title : VOC Analysis

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

Peak Number 32 1H-Indene, 1,1-dimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	1.30 ug/L	2076950	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	64
2			1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	60
3			1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	55
4			Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	53
5			(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010067.D
Acq On : 19 Apr 2019 15:18
Operator : SY/VA
Sample : K2455-17
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR7

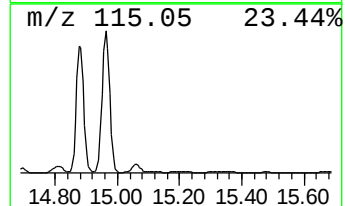
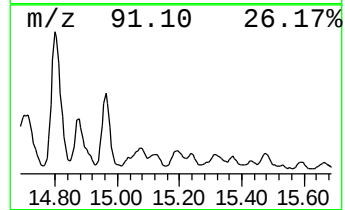
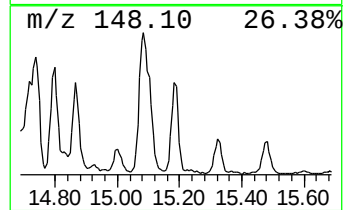
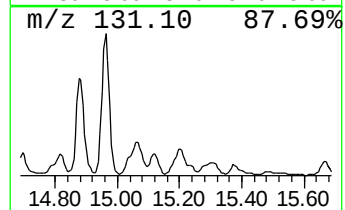
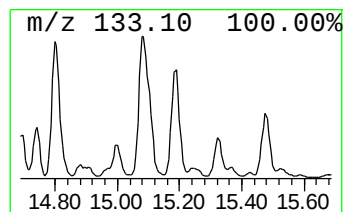
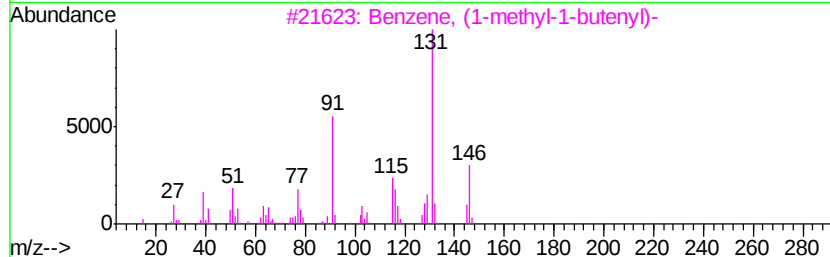
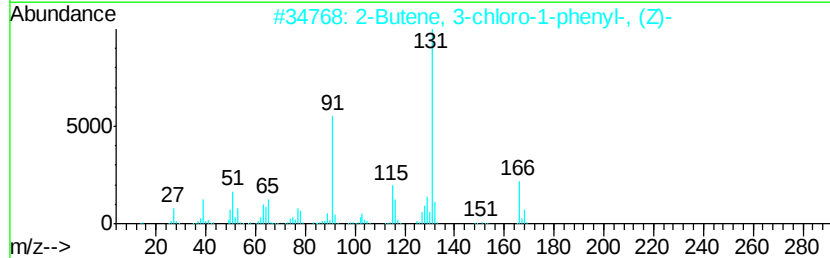
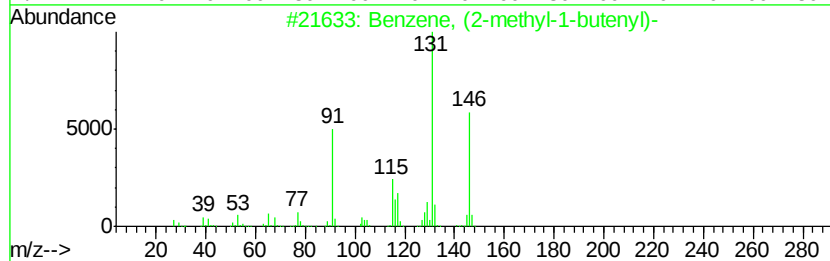
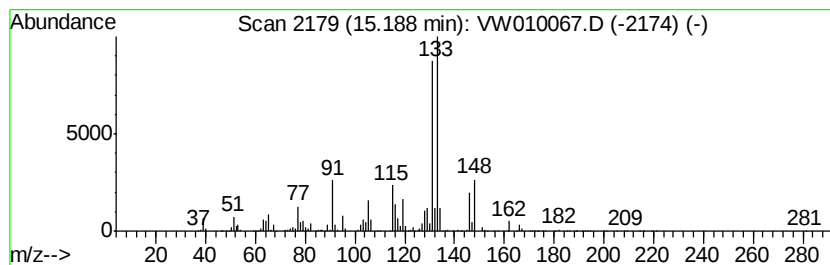
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Quant Title : VOC Analysis

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

Peak Number 33 Benzene, (2-methyl-1-butenyl)- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	1.58 ug/L	2516380	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	93
2			2-Butene, 3-chloro-1-phenyl-, (Z)-	166	C10H11Cl	016608-68-7	90
3			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	86
4			Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	78
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010067.D
Acq On : 19 Apr 2019 15:18
Operator : SY/VA
Sample : K2455-17
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR7

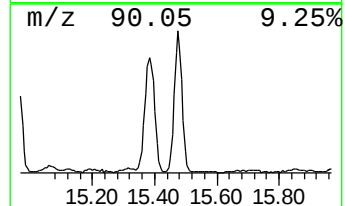
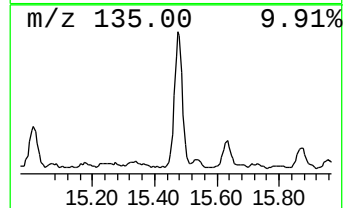
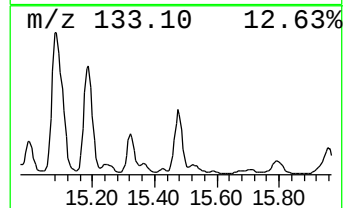
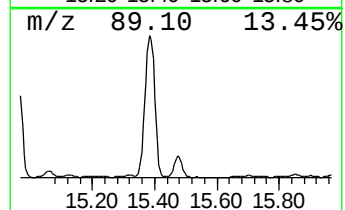
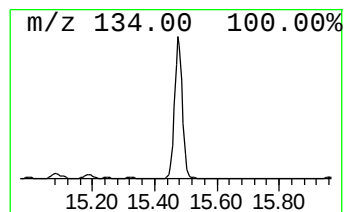
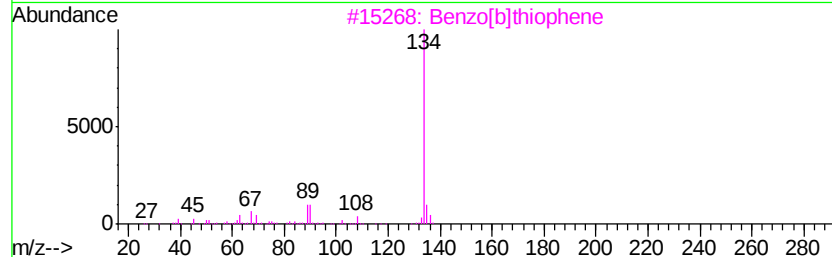
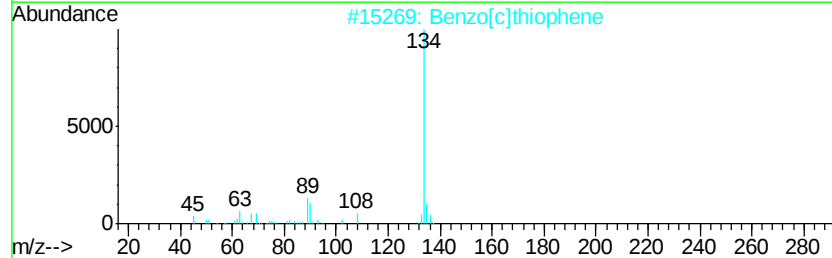
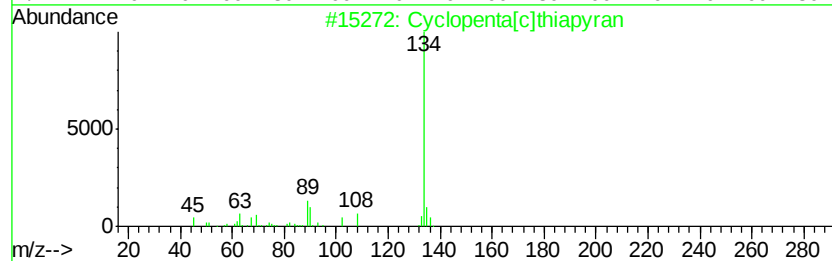
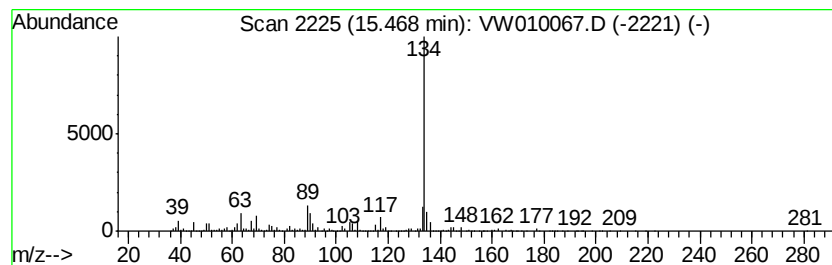
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Quant Title : VOC Analysis

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

Peak Number 35 Cyclopenta[c]thiapyran Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	2.87 ug/L	4577240	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	90
2		Benzo[c]thiophene	134	C8H6S	000270-82-6	90
3		Benzo[b]thiophene	134	C8H6S	000095-15-8	87
4		Benzo[b]thiophene	134	C8H6S	000095-15-8	87
5		Benzo[b]thiophene	134	C8H6S	000095-15-8	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010067.D
Acq On : 19 Apr 2019 15:18
Operator : SY/VA
Sample : K2455-17
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR7

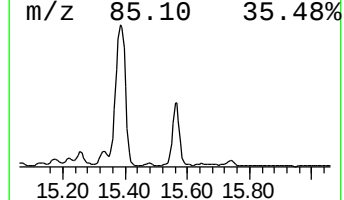
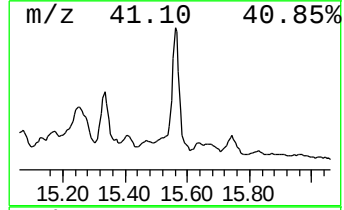
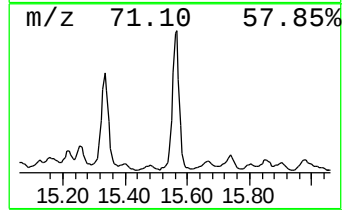
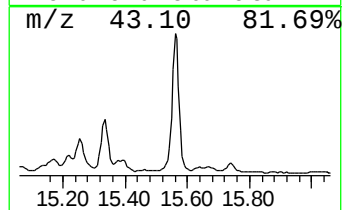
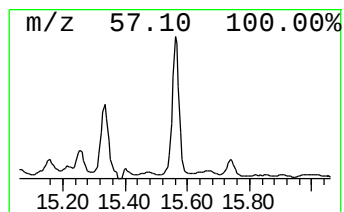
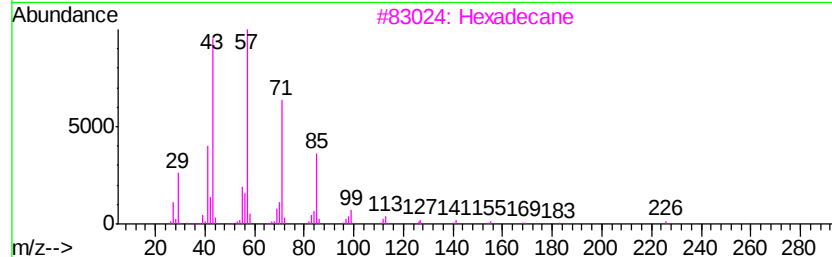
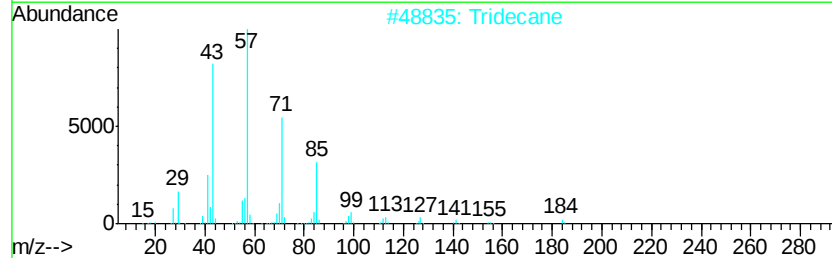
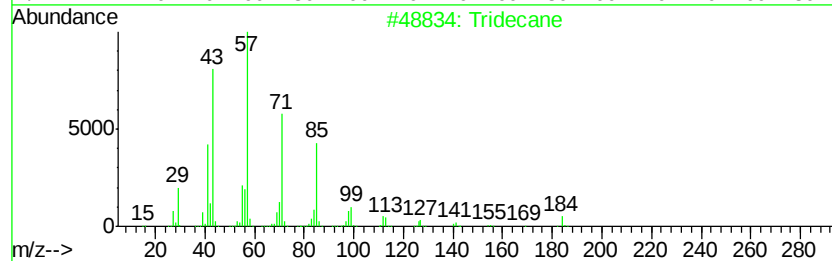
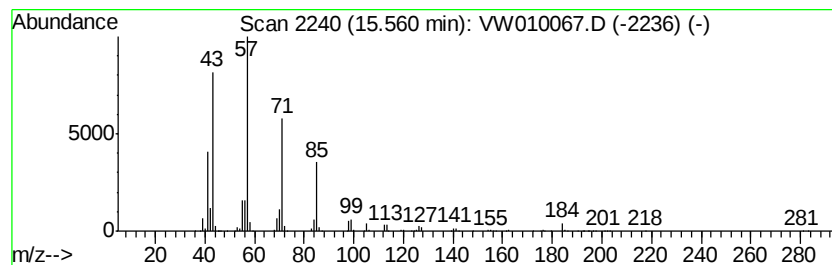
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Quant Title : VOC Analysis

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	2.81 ug/L	4490040	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Tridecane	184	C13H28	000629-50-5	91
3			Hexadecane	226	C16H34	000544-76-3	91
4			Tridecane	184	C13H28	000629-50-5	90
5			Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010067.D
Acq On : 19 Apr 2019 15:18
Operator : SY/VA
Sample : K2455-17
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR7

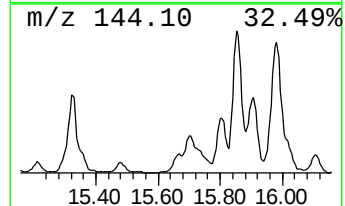
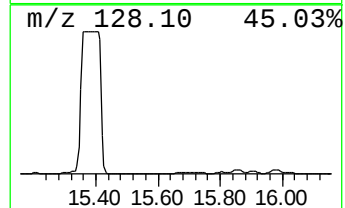
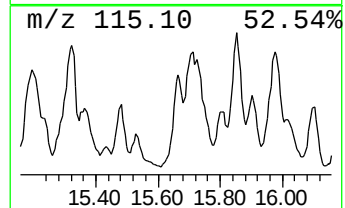
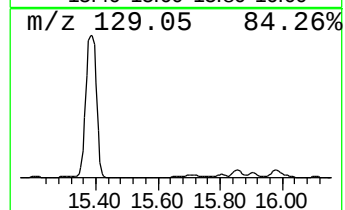
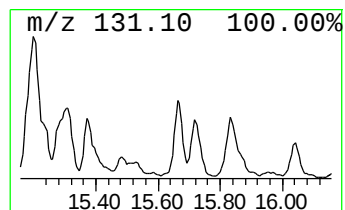
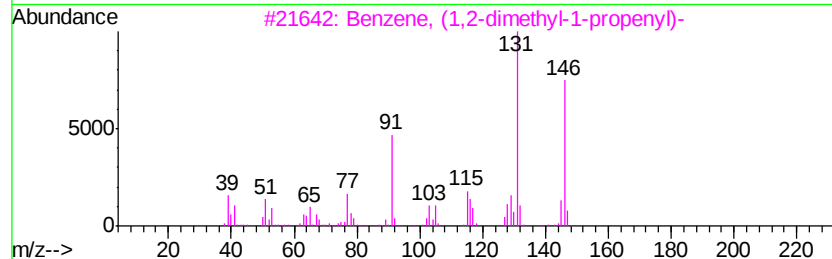
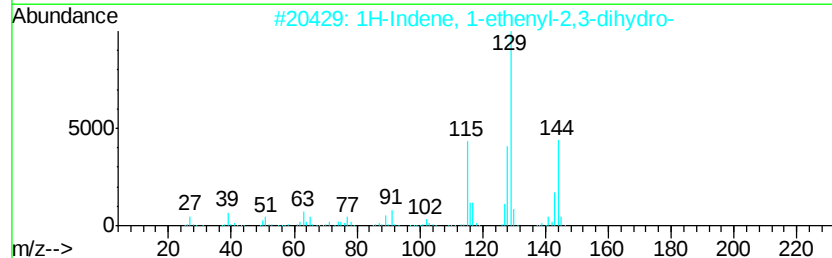
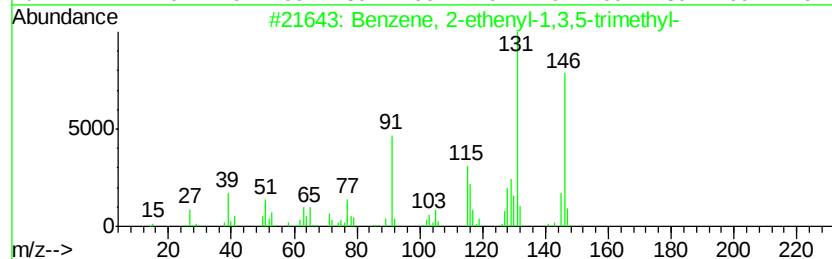
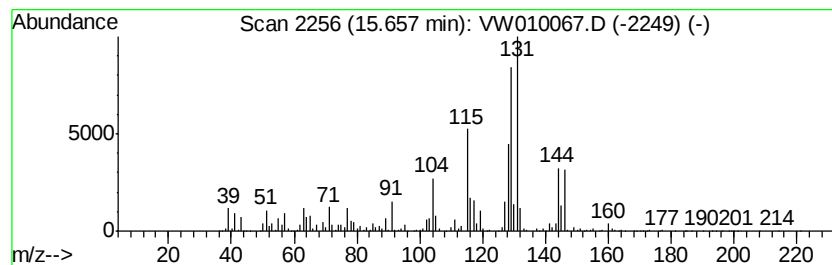
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Quant Title : VOC Analysis

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

Peak Number 37 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	1.49 ug/L	2370010	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	64
2		1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	55
3		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	53
4		Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	50
5		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010067.D
Acq On : 19 Apr 2019 15:18
Operator : SY/VA
Sample : K2455-17
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR7

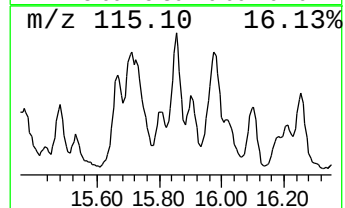
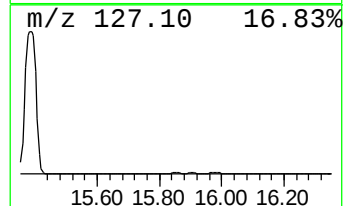
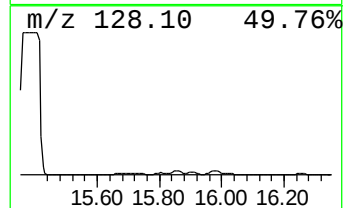
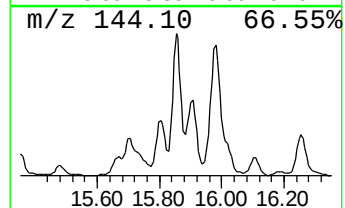
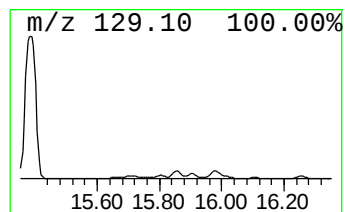
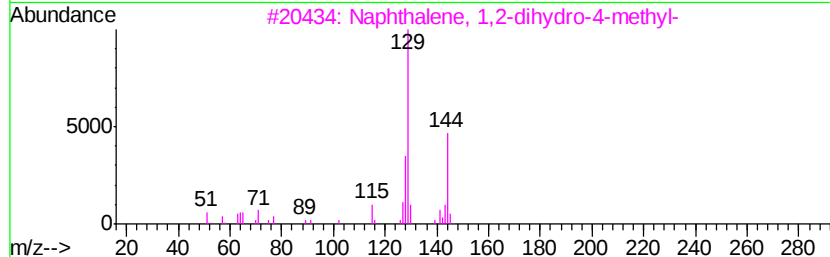
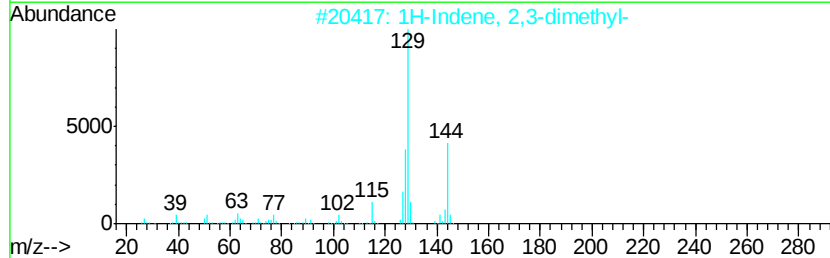
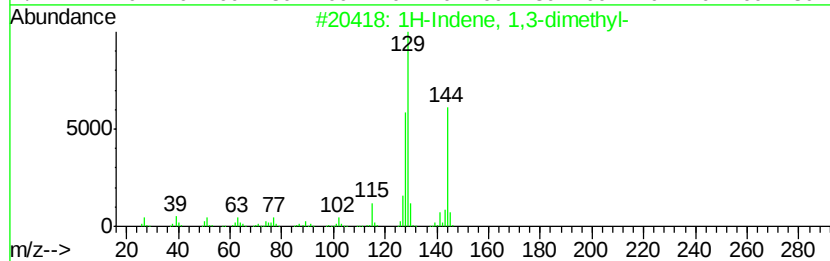
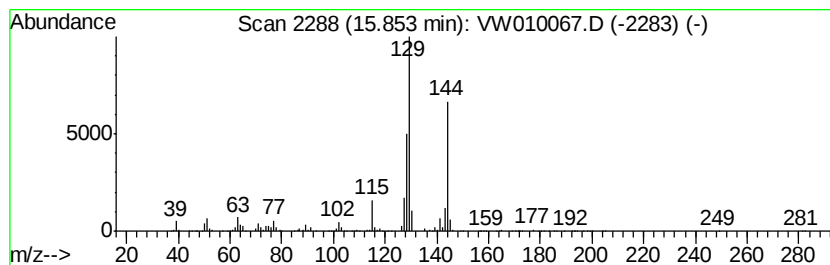
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Quant Title : VOC Analysis

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

Peak Number 38 1H-Indene, 1,3-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	2.30 ug/L	3668540	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	97
2			1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	94
3			Naphthalene, 1,2-dihydro-4-methyl-	144	C11H12	004373-13-1	91
4			1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	91
5			1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010067.D
Acq On : 19 Apr 2019 15:18
Operator : SY/VA
Sample : K2455-17
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR7

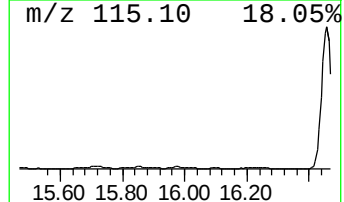
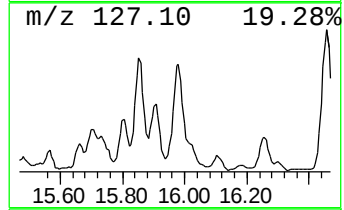
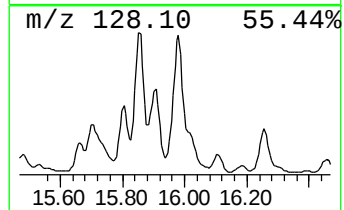
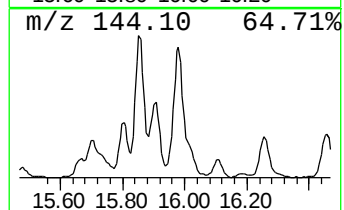
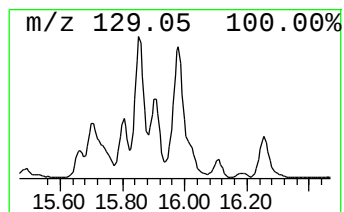
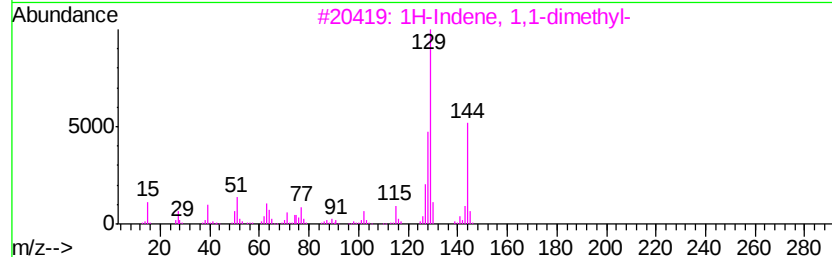
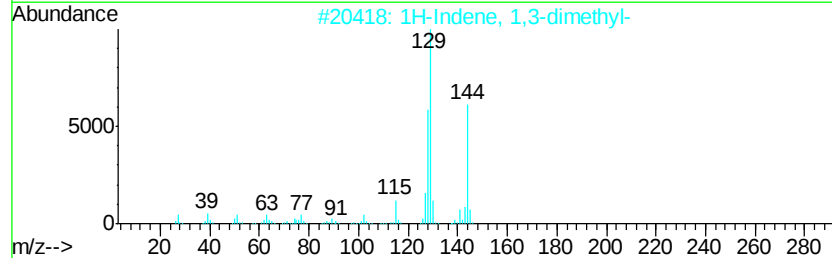
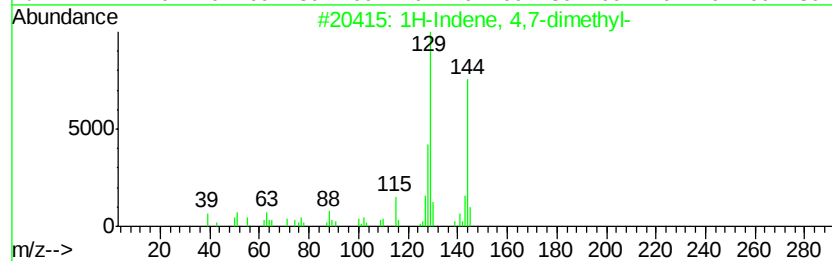
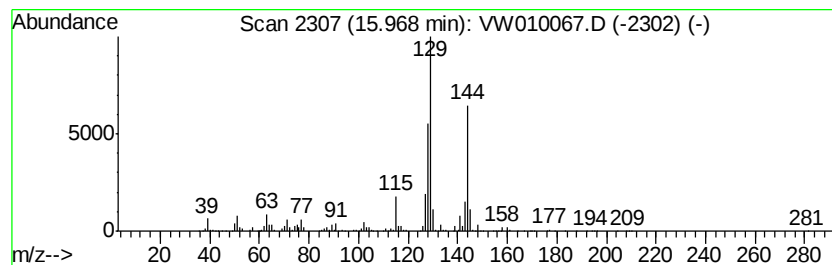
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 39 1H-Indene, 4,7-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	3.27 ug/L	5224200	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	97
2		1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	96
3		1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	94
4		(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	91
5		1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	90



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041919\
 Data File : VW010067.D
 Acq On : 19 Apr 2019 15:18
 Operator : SY/VA
 Sample : K2455-17
 Misc : 5.08G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHR7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.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
Benzene, 1-ethyl-...	12.87	27.3	ug/L	43540800	3	13.56	39894900	25.0
Benzene, 1-ethyl-...	12.90	10.4	ug/L	16537300	3	13.56	39894900	25.0
.alpha.-Methylsty...	13.12	20.6	ug/L	32789300	3	13.56	39894900	25.0
Benzene, 1-etheny...	13.31	74.0	ug/L	118168000	3	13.56	39894900	25.0
Benzene, 1-propenyl-	13.36	31.6	ug/L	50485600	3	13.56	39894900	25.0
Benzene, (2-methy...	13.51	1.5	ug/L	2413570	3	13.56	39894900	25.0
Benzene, 2-propenyl-	13.63	8.1	ug/L	12852000	3	13.56	39894900	25.0
Benzene, 1,4-diet...	13.72	2.6	ug/L	4124950	3	13.56	39894900	25.0
Benzene, cyclopro...	13.76	10.1	ug/L	16178900	3	13.56	39894900	25.0
Indene	13.95	110.6	ug/L	176480000	3	13.56	39894900	25.0
Benzene, 2-ethyl-...	14.02	2.3	ug/L	3685530	3	13.56	39894900	25.0
o-Cymene	14.05	1.9	ug/L	3074670	3	13.56	39894900	25.0
Benzene, 1-ethyl-...	14.10	5.2	ug/L	8356110	3	13.56	39894900	25.0
Benzene, 1-etheny...	14.15	8.0	ug/L	12743700	3	13.56	39894900	25.0
Benzene, 1-etheny...	14.29	4.5	ug/L	7127900	3	13.56	39894900	25.0
Benzene, 1,2,4,5-...	14.43	7.0	ug/L	11163900	3	13.56	39894900	25.0
Benzene, 2-ethyl-...	14.47	10.7	ug/L	17091600	3	13.56	39894900	25.0
unknown-01	14.51	2.7	ug/L	4315800	3	13.56	39894900	25.0
Benzene, 4-etheny...	14.56	10.8	ug/L	17254700	3	13.56	39894900	25.0
1H-Indene, 2,3-di...	14.69	3.7	ug/L	5896660	3	13.56	39894900	25.0
(DEL) Alkane: Str...	14.73	7.8	ug/L	12360900	3	13.56	39894900	25.0
2-Methylindene	14.88	37.2	ug/L	59318700	3	13.56	39894900	25.0
Benzene,1-methyl-...	14.96	40.8	ug/L	65168300	3	13.56	39894900	25.0
1,4-Dihydronaphth...	15.06	4.5	ug/L	7255370	3	13.56	39894900	25.0
1H-Indene, 1,1-di...	15.13	1.3	ug/L	2076950	3	13.56	39894900	25.0
Benzene, (2-methy...	15.19	1.6	ug/L	2516380	3	13.56	39894900	25.0
Cyclopenta[c]thia...	15.47	2.9	ug/L	4577240	3	13.56	39894900	25.0
(DEL) Alkane: Str...	15.56	2.8	ug/L	4490040	3	13.56	39894900	25.0
Benzene, 2-etheny...	15.66	1.5	ug/L	2370010	3	13.56	39894900	25.0
1H-Indene, 1,3-di...	15.85	2.3	ug/L	3668540	3	13.56	39894900	25.0
1H-Indene, 4,7-di...	15.97	3.3	ug/L	5224200	3	13.56	39894900	25.0