

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042319\
 Data File : VW010103.D
 Acq On : 23 Apr 2019 18:31
 Operator : SY/VA
 Sample : K2481-18
 Misc : 5.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHX1

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	2.154	37	41	49	rBV3	16747	38506	0.04%	0.011%
2	2.355	68	74	86	rBV	93256	257314	0.24%	0.074%
3	2.891	155	162	179	rVB	89197	258849	0.24%	0.074%
4	4.007	333	345	365	rBV	271912	972521	0.91%	0.280%
5	4.391	404	408	411	rBV3	4138	7028	0.01%	0.002%
6	4.672	445	454	455	rBV6	3386	7560	0.01%	0.002%
7	4.915	480	494	515	rBV2	44663	203252	0.19%	0.058%
8	5.690	616	621	626	rVV4	688	1475	0.00%	0.000%
9	5.885	651	653	654	rBV2	1626	1373	0.00%	0.000%
10	5.921	654	659	670	rVB5	5239	14706	0.01%	0.004%
11	7.019	835	839	840	rBV3	1105	1329	0.00%	0.000%
12	7.080	840	849	866	rBV	97022	281132	0.26%	0.081%
13	7.256	870	878	890	rVB2	12171	32711	0.03%	0.009%
14	7.647	930	942	953	rBV	538293	1264245	1.19%	0.364%
15	7.921	982	987	989	rBV4	2518	5080	0.00%	0.001%
16	7.964	992	994	998	rVB3	1721	1785	0.00%	0.001%
17	8.153	1021	1025	1031	rVB6	3428	5918	0.01%	0.002%
18	8.275	1035	1045	1061	rBV2	969360	2924383	2.75%	0.841%
19	8.494	1079	1081	1084	rBV3	1213	1806	0.00%	0.001%
20	8.573	1088	1094	1099	rBV5	2069	4516	0.00%	0.001%
21	8.622	1099	1102	1107	rVB5	1398	1386	0.00%	0.000%
22	8.689	1109	1113	1119	rVB5	3885	7066	0.01%	0.002%
23	8.842	1129	1138	1149	rBV	1069537	2117276	1.99%	0.609%
24	9.043	1166	1171	1172	rBV3	1701	2293	0.00%	0.001%
25	9.073	1172	1176	1185	rVB7	7547	15044	0.01%	0.004%
26	9.274	1198	1209	1218	rBV	696686	1413276	1.33%	0.406%
27	9.658	1267	1272	1277	rBV5	4575	8142	0.01%	0.002%
28	9.756	1283	1288	1297	rVB8	4286	10586	0.01%	0.003%
29	9.890	1303	1310	1319	rBV4	10177	23152	0.02%	0.007%
30	10.036	1325	1334	1342	rBV	377636	687242	0.65%	0.198%
31	10.250	1363	1369	1372	rBV4	5999	10191	0.01%	0.003%
32	10.323	1372	1381	1388	rBV	1385270	2427222	2.28%	0.698%
33	10.390	1388	1392	1396	rVB	17817	28430	0.03%	0.008%
34	10.506	1407	1411	1416	rBV6	2159	4148	0.00%	0.001%

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 Title : VOC Analysis

35	10.579	1416	1423	1430	rVV	243990	421917	0.40%	0.121%
36	10.707	1437	1444	1450	rBV2	9413	16780	0.02%	0.005%
37	10.768	1450	1454	1461	rVB9	3246	7373	0.01%	0.002%
38	10.853	1463	1468	1472	rVB6	2812	5245	0.00%	0.002%
39	10.927	1472	1480	1492	rBV	391474	670766	0.63%	0.193%
40	11.073	1498	1504	1510	rBV9	8315	17263	0.02%	0.005%
41	11.274	1535	1537	1540	rVB4	1780	1740	0.00%	0.001%
42	11.353	1544	1550	1551	rBV5	2365	3280	0.00%	0.001%
43	11.408	1557	1559	1560	rBV2	2324	1374	0.00%	0.000%
44	11.634	1587	1596	1606	rBV	1476436	2531934	2.38%	0.728%
45	11.731	1607	1612	1617	rVV	55566	94452	0.09%	0.027%
46	11.786	1617	1621	1623	rVV2	19347	28969	0.03%	0.008%
47	11.835	1623	1629	1639	rVB	1020214	1831813	1.72%	0.527%
48	12.170	1677	1684	1693	rBV3	747789	1525299	1.43%	0.439%
49	12.335	1707	1711	1716	rBV8	5350	12402	0.01%	0.004%
50	12.469	1728	1733	1738	rBV	21685	34320	0.03%	0.010%
51	12.609	1751	1756	1762	rVB2	23387	40933	0.04%	0.012%
52	12.694	1763	1770	1777	rBV	523858	843930	0.79%	0.243%
53	12.804	1783	1788	1793	rBV	76578	126733	0.12%	0.036%
54	12.871	1793	1799	1802	rBV	605041	1026819	0.96%	0.295%
55	12.944	1807	1811	1824	rVB	608072	973105	0.91%	0.280%
56	13.115	1832	1839	1848	rVB3	385966	762557	0.72%	0.219%
57	13.255	1852	1862	1866	rBV	2062985	3460495	3.25%	0.995%
58	13.304	1866	1870	1874	rVV	3192741	4836696	4.54%	1.391%
59	13.353	1874	1878	1886	rVV	1217468	1842573	1.73%	0.530%
60	13.444	1890	1893	1899	rBV2	32323	57269	0.05%	0.016%
61	13.560	1906	1912	1915	rBV	1524904	2595518	2.44%	0.746%
62	13.627	1920	1923	1931	rVB	442967	691503	0.65%	0.199%
63	13.719	1932	1938	1940	rBV3	119477	207699	0.20%	0.060%
64	13.761	1941	1945	1947	rVV2	198324	296813	0.28%	0.085%
65	13.792	1947	1950	1955	rVB2	308217	437786	0.41%	0.126%
66	13.853	1955	1960	1968	rVB	1240101	2169612	2.04%	0.624%
67	13.938	1968	1974	1982	rVB	6331002	10561359	9.92%	3.037%
68	14.017	1982	1987	1988	rBV	175828	243854	0.23%	0.070%
69	14.066	1988	1995	1998	rBV2	343287	640166	0.60%	0.184%
70	14.103	1998	2001	2004	rVB	293132	368821	0.35%	0.106%
71	14.145	2004	2008	2015	rVB	588835	1099128	1.03%	0.316%

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72	14.237	2015	2023	2028	rBV	2413706	3721853	3.50%	1.070%
73	14.286	2028	2031	2036	rVB	610470	905746	0.85%	0.260%
74	14.341	2036	2040	2045	rVB	122576	178796	0.17%	0.051%
75	14.426	2045	2054	2056	rBV	479100	814328	0.76%	0.234%
76	14.469	2056	2061	2065	rBV3	1255816	2079315	1.95%	0.598%
77	14.560	2071	2076	2081	rBV	1954618	2988007	2.81%	0.859%
78	14.603	2081	2083	2088	rVB	344043	425395	0.40%	0.122%
79	14.694	2093	2098	2102	rBV	347655	602251	0.57%	0.173%
80	14.798	2109	2115	2122	rBV3	1138111	2309294	2.17%	0.664%
81	14.877	2122	2128	2135	rVV	7240300	11535413	10.83%	3.317%
82	14.962	2135	2142	2149	rVB	7564108	12867242	12.08%	3.700%
83	15.060	2150	2158	2163	rBV3	784721	1658959	1.56%	0.477%
84	15.121	2164	2168	2173	rVB2	387050	708871	0.67%	0.204%
85	15.188	2173	2179	2184	rBV4	244365	694748	0.65%	0.200%
86	15.322	2191	2201	2203	rBV3	687989	1479798	1.39%	0.426%
87	15.377	2203	2210	2218	rVV2	44114430	86797415	81.51%	24.960%
88	15.474	2221	2226	2232	rVB2	567645	1009455	0.95%	0.290%
89	15.560	2238	2240	2248	rVB2	147620	213806	0.20%	0.061%
90	15.663	2251	2257	2260	rBV2	357242	721060	0.68%	0.207%
91	15.804	2275	2280	2283	rBV	531751	977077	0.92%	0.281%
92	15.852	2283	2288	2293	rVV	1220420	2223129	2.09%	0.639%
93	15.974	2301	2308	2322	rVB	1407531	3936836	3.70%	1.132%
94	16.102	2324	2329	2335	rVB2	497264	1029805	0.97%	0.296%
95	16.182	2335	2342	2343	rBV3	229521	411605	0.39%	0.118%
96	16.255	2349	2354	2367	rVB	925795	2161072	2.03%	0.621%
97	16.389	2368	2376	2378	rVV	357541	789671	0.74%	0.227%
98	16.456	2378	2387	2400	rVB2	46726390	106485562	100.00%	30.622%
99	16.578	2401	2407	2411	rBV2	236156	515742	0.48%	0.148%
100	16.657	2411	2420	2429	rVB	19930504	43972968	41.29%	12.645%

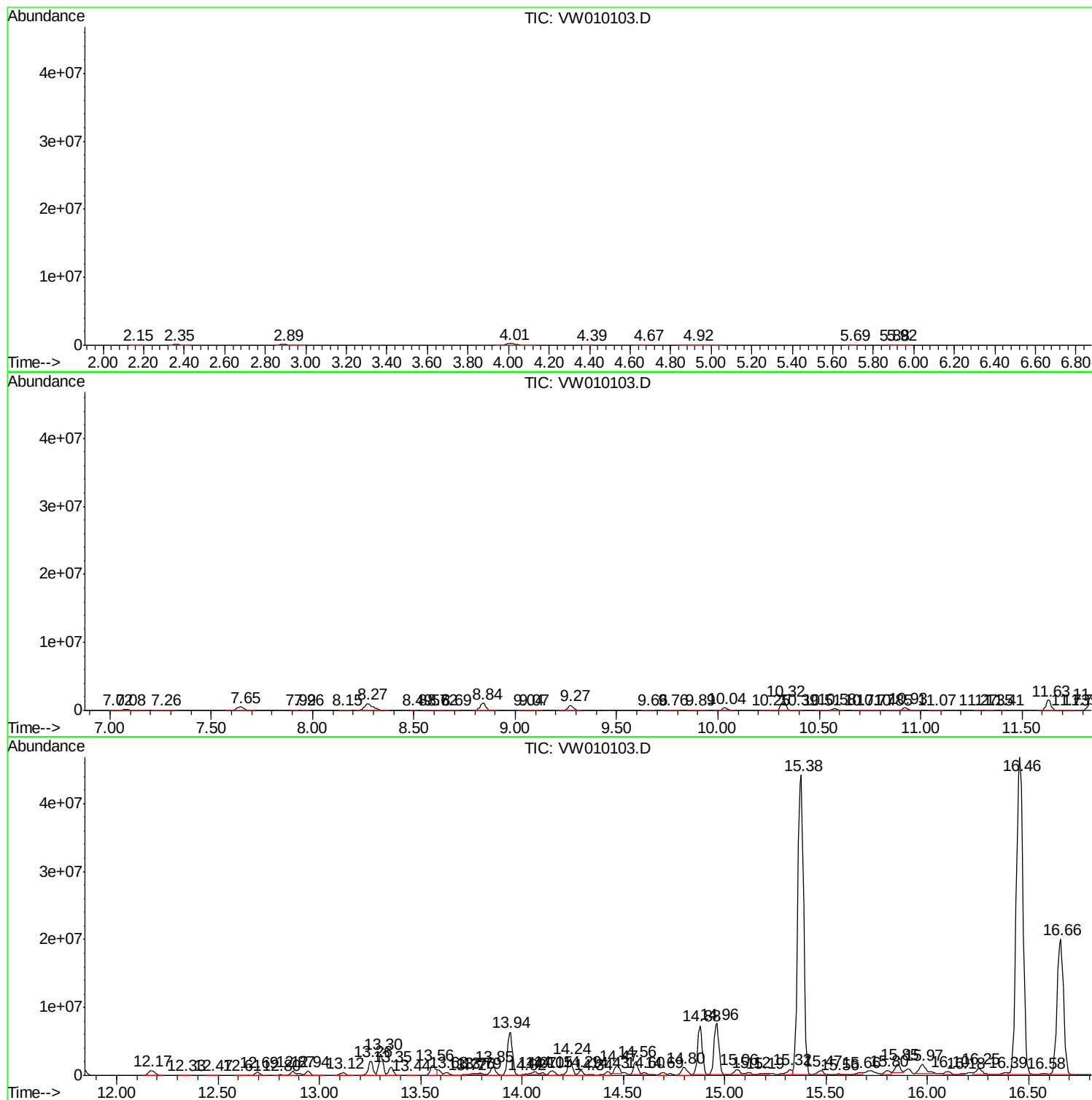
Sum of corrected areas: 347744458

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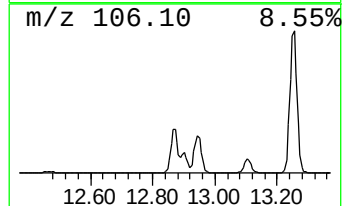
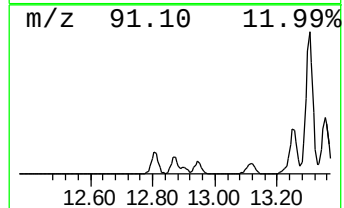
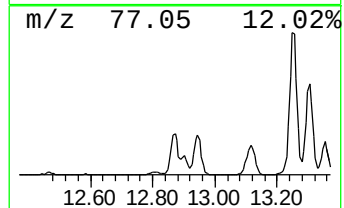
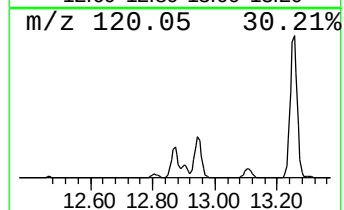
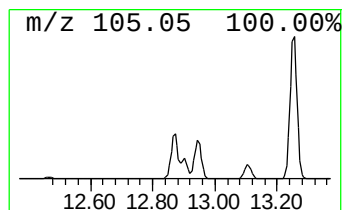
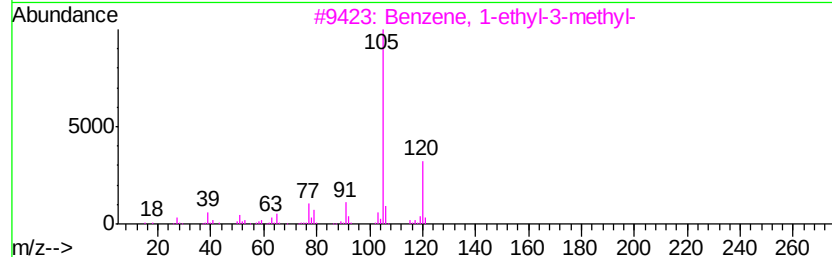
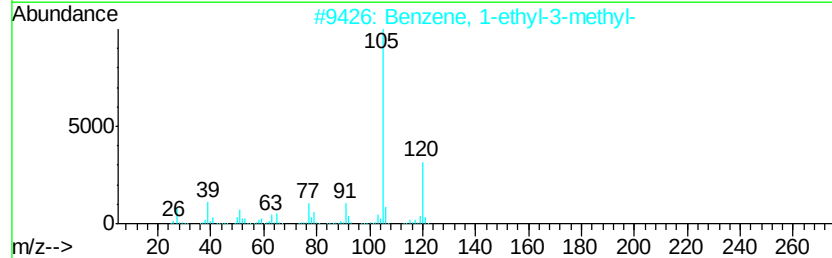
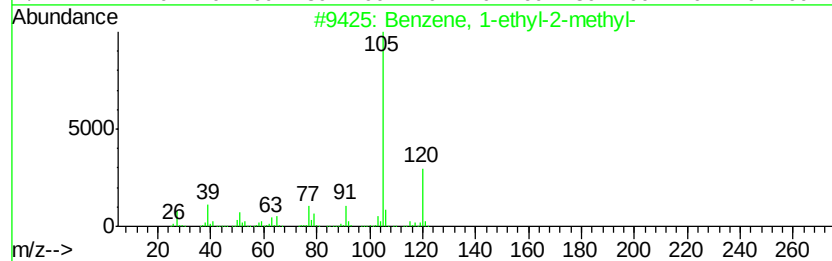
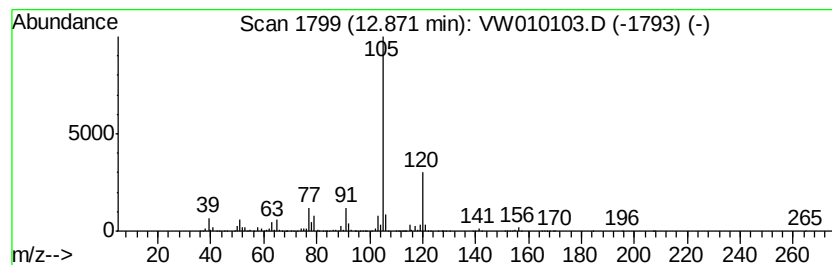
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	9.89 ug/L	1026820	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93



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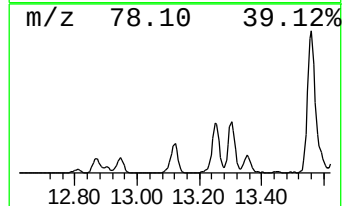
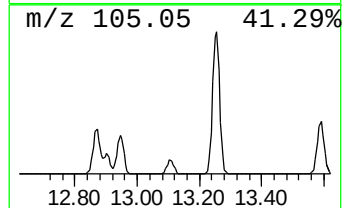
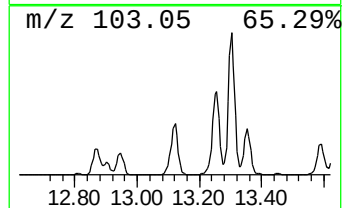
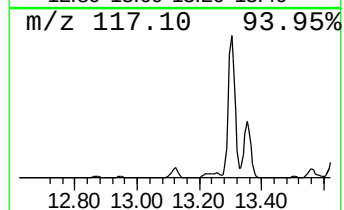
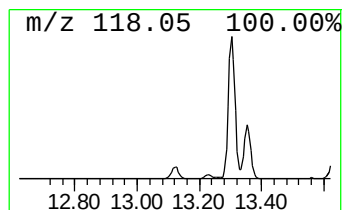
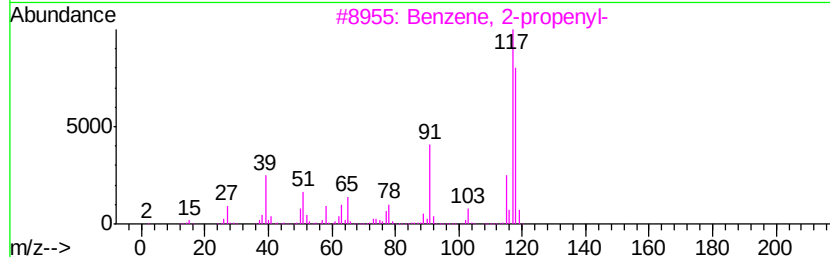
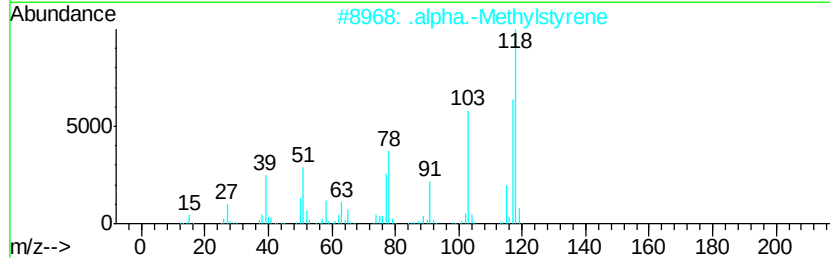
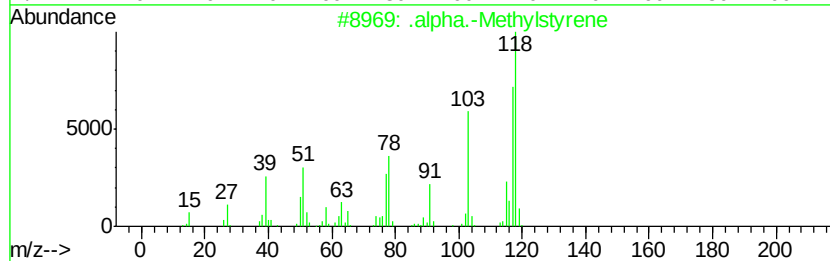
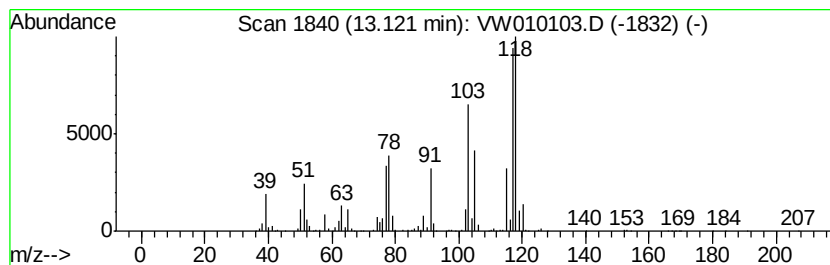
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Quant Title : VOC Analysis

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

Peak Number 4 .alpha.-Methylstyrene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	7.34 ug/L	762557	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.-Methylstyrene	118	C9H10	000098-83-9	89
2		.alpha.-Methylstyrene	118	C9H10	000098-83-9	64
3		Benzene, 2-propenyl-	118	C9H10	000300-57-2	50
4		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	50
5		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	50



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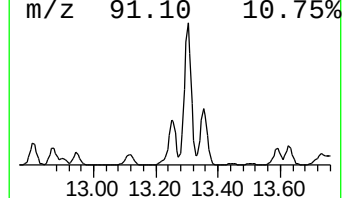
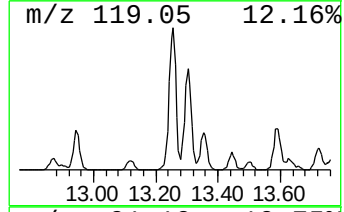
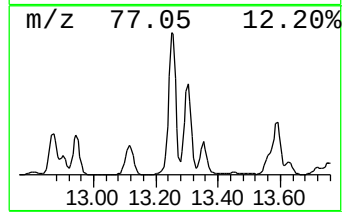
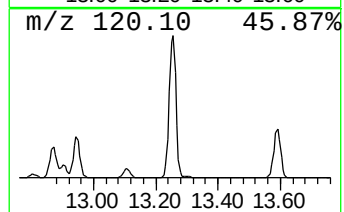
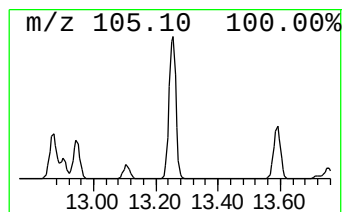
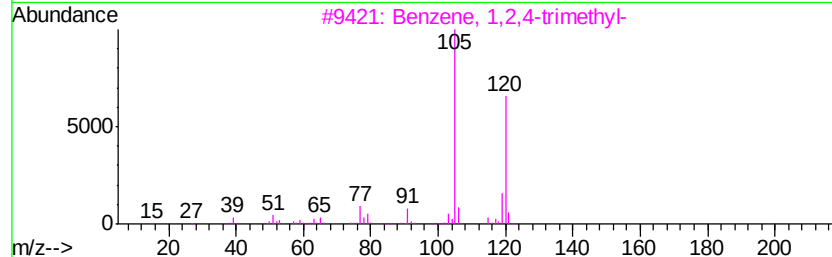
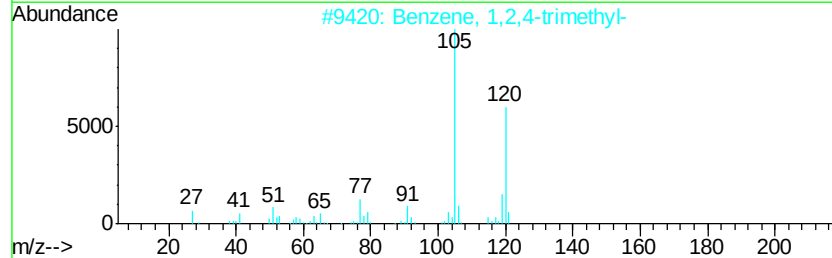
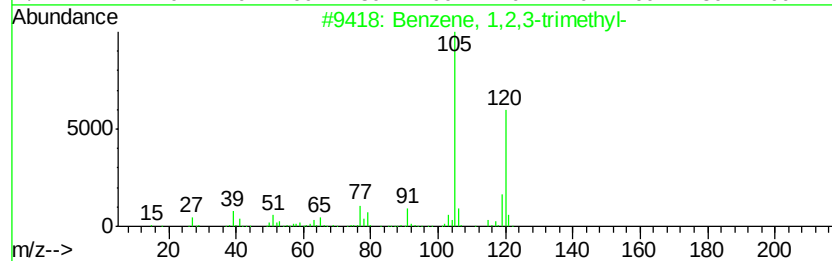
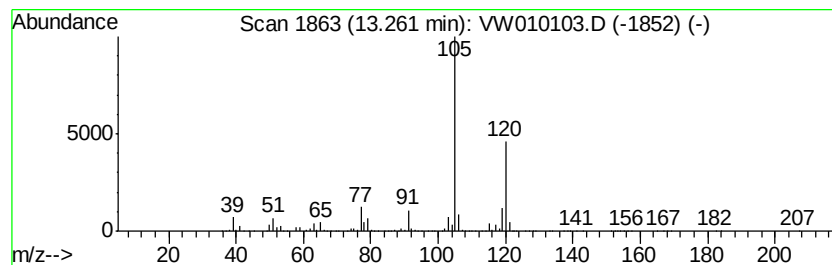
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Quant Title : VOC Analysis

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

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	33.33 ug/L	3460500	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	97
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4		Mesitylene	120	C9H12	000108-67-8	94
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010103.D
Acq On : 23 Apr 2019 18:31
Operator : SY/VA
Sample : K2481-18
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHX1

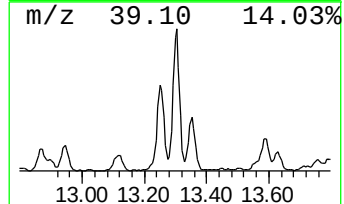
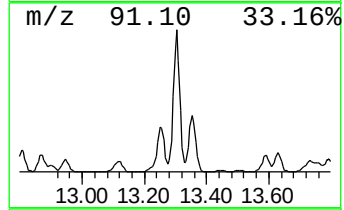
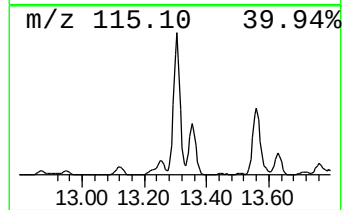
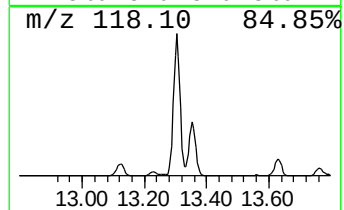
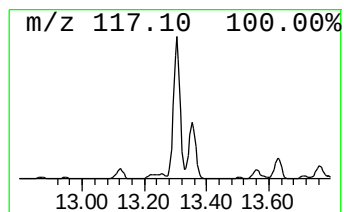
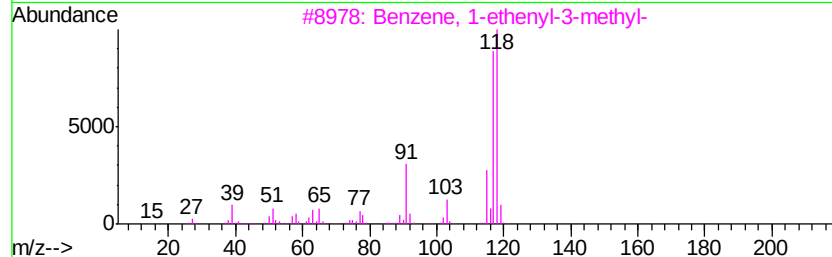
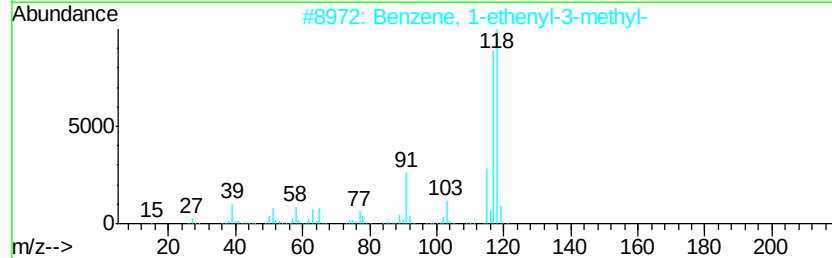
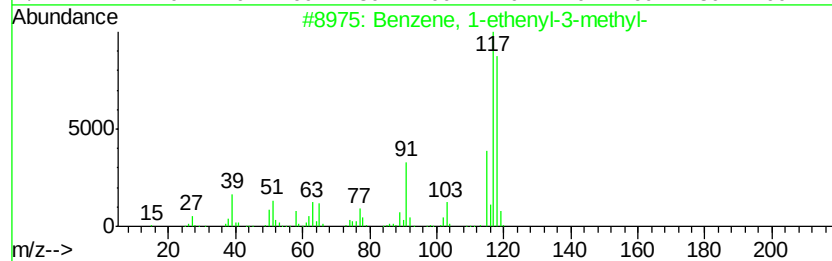
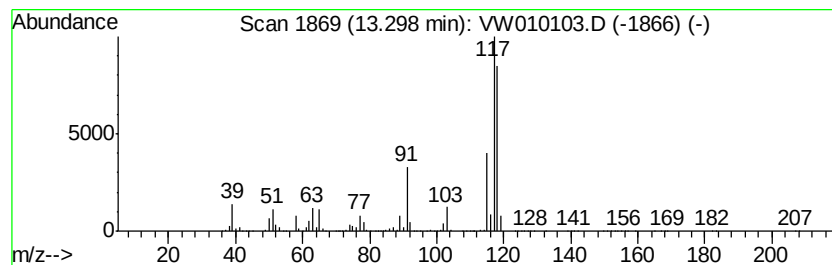
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Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1-ethenyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	46.59 ug/L	4836700	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-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
4		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
5		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010103.D
Acq On : 23 Apr 2019 18:31
Operator : SY/VA
Sample : K2481-18
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

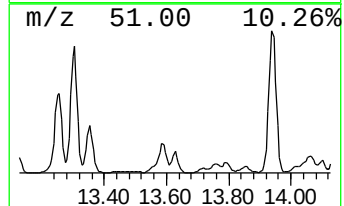
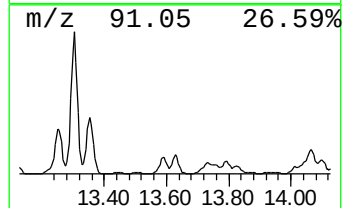
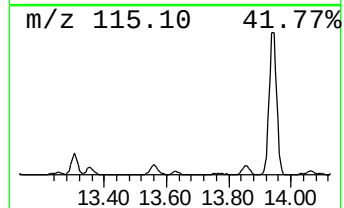
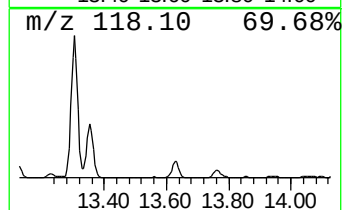
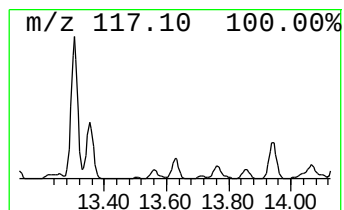
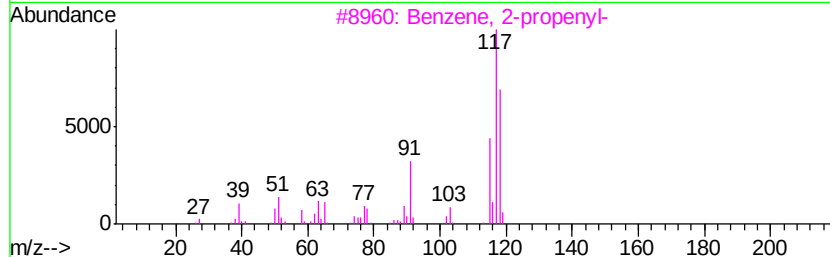
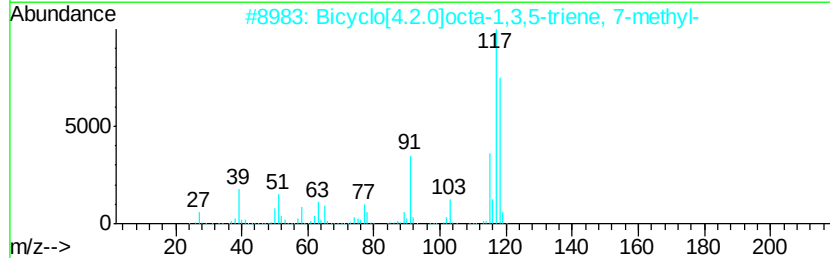
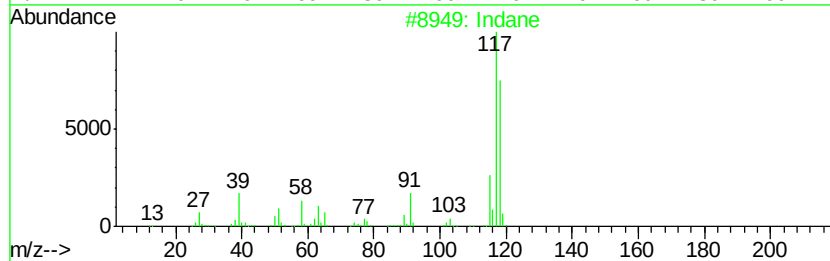
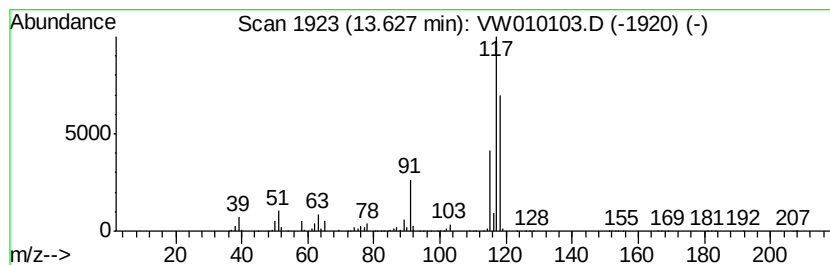
Instrument :
MSVOA_W
ClientSampleId :
GAHX1

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Quant Title : VOC Analysis

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

Peak Number 8 Indane Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.63	6.66 ug/L	691503	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Bicyclo[4.2.0]octa-1,3,5-triene, ...	118	C9H10	055337-80-9	68
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	68
4	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	64
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010103.D
Acq On : 23 Apr 2019 18:31
Operator : SY/VA
Sample : K2481-18
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHX1

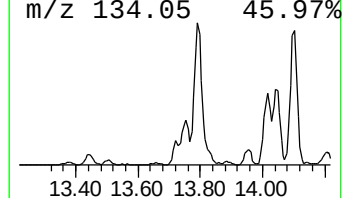
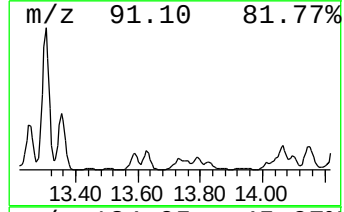
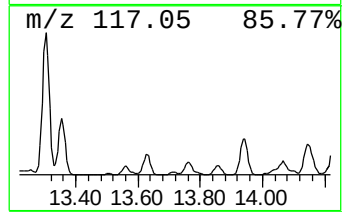
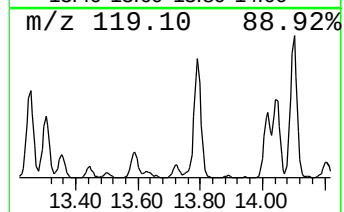
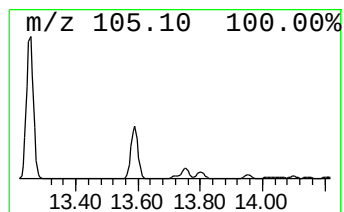
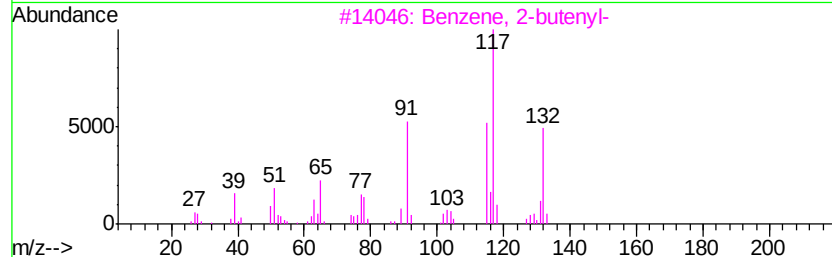
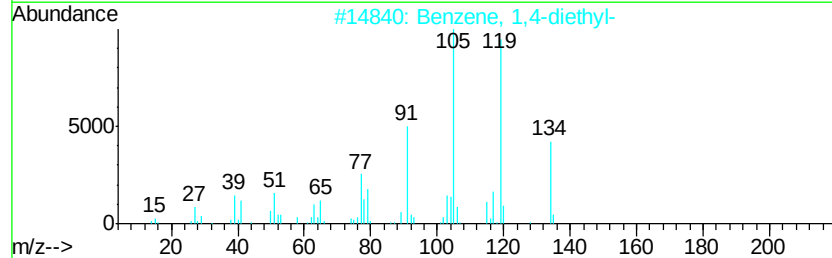
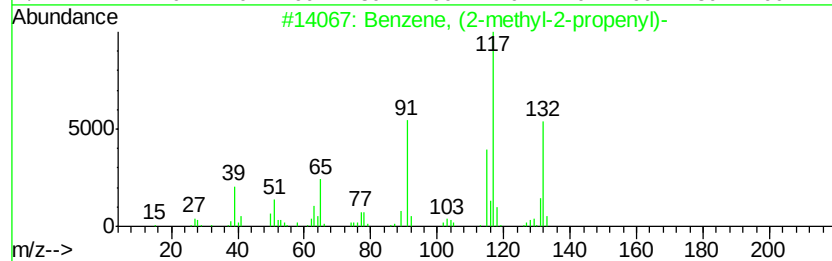
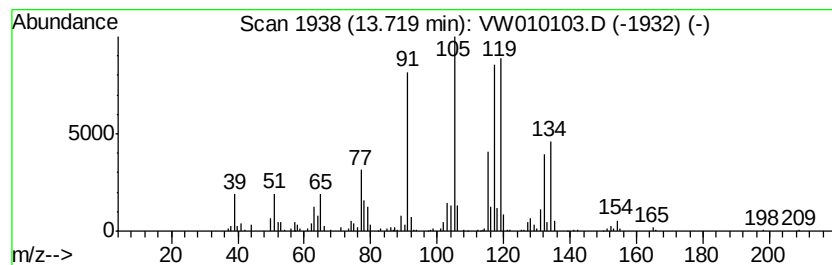
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Quant Title : VOC Analysis

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

Peak Number 9 Benzene, (2-methyl-2-propen... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	2.00 ug/L	207699	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	91
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	89
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
4		Benzene, 2-butenyl-	132	C10H12	001560-06-1	86
5		Ethanone, 1-(2-methylphenyl)-	134	C9H10O	000577-16-2	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010103.D
Acq On : 23 Apr 2019 18:31
Operator : SY/VA
Sample : K2481-18
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHX1

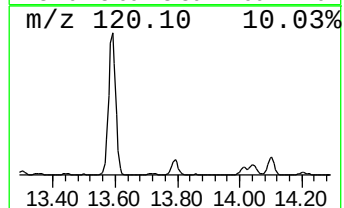
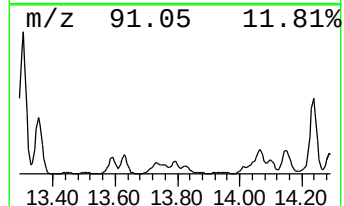
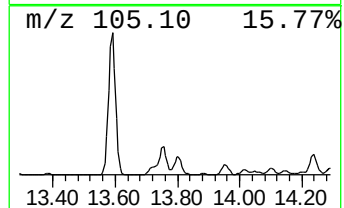
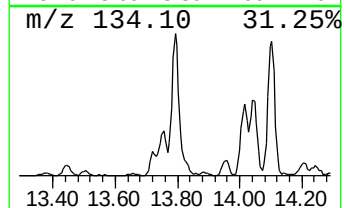
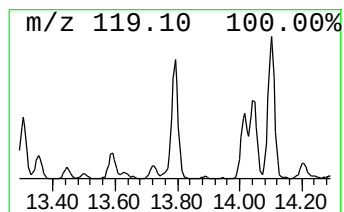
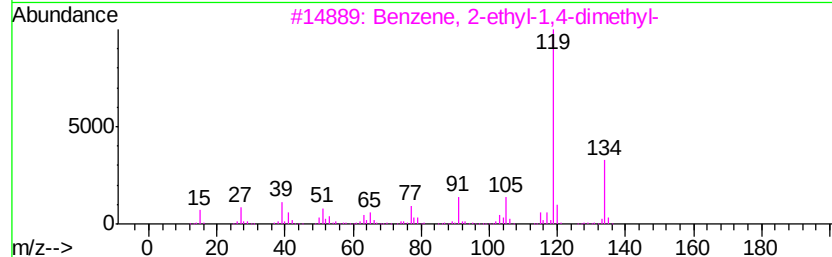
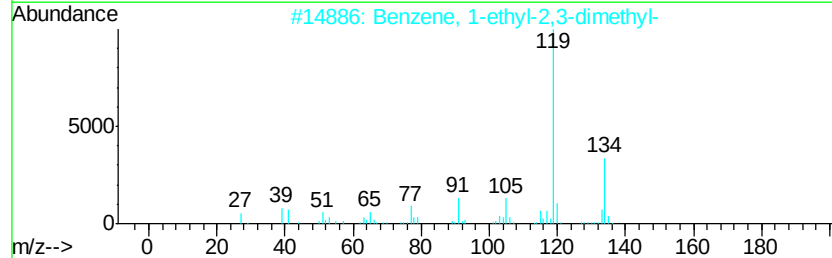
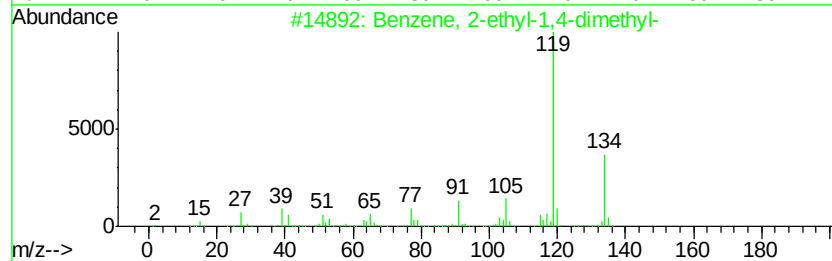
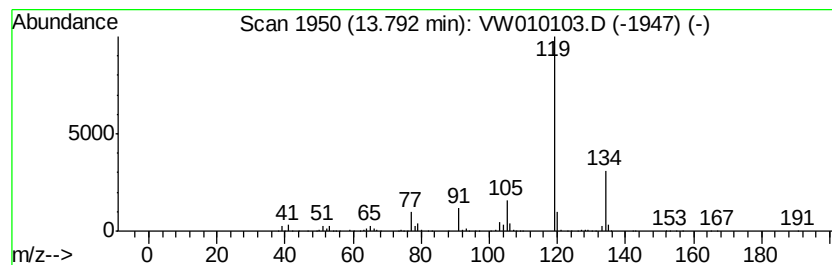
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Quant Title : VOC Analysis

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

Peak Number 11 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	4.22 ug/L	437786	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	91
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010103.D
Acq On : 23 Apr 2019 18:31
Operator : SY/VA
Sample : K2481-18
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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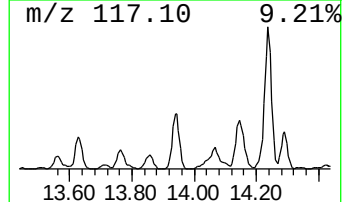
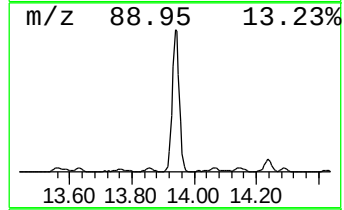
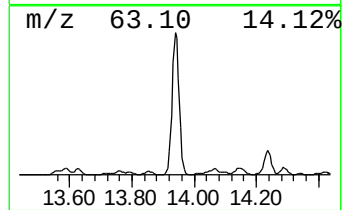
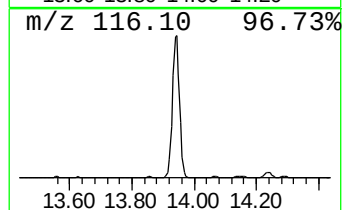
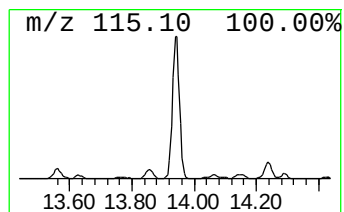
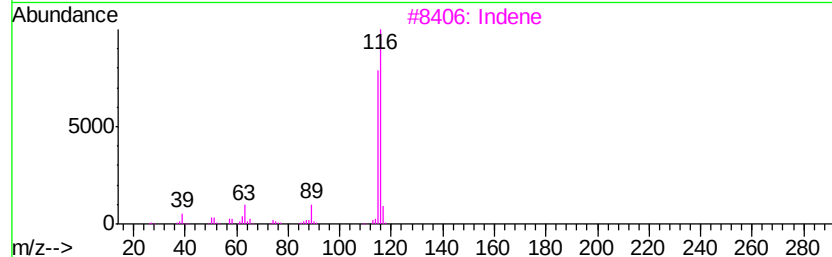
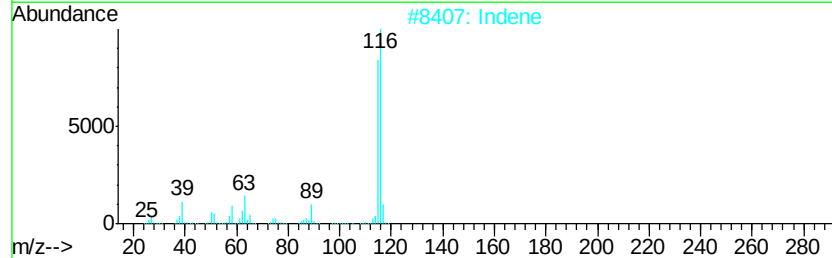
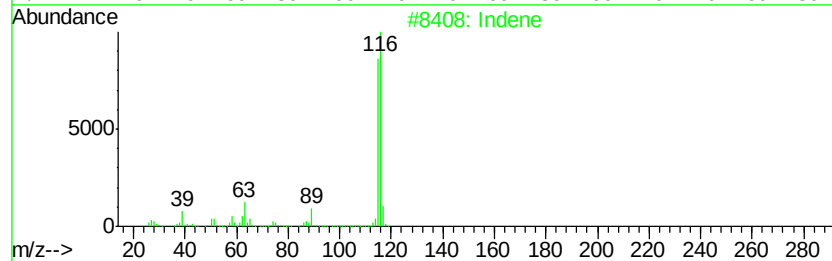
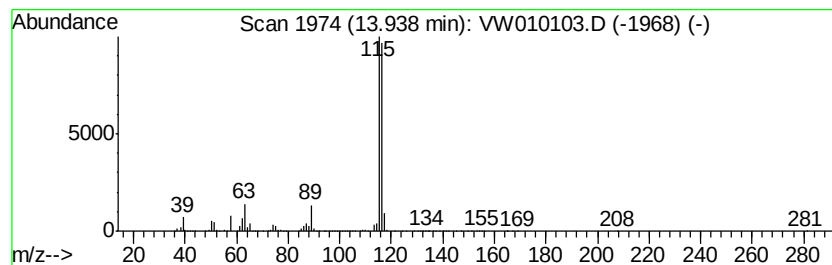
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Quant Title : VOC Analysis

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

Peak Number 12 Indene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	101.73 ug/L	10561400	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	97
2		Indene	116	C9H8	000095-13-6	96
3		Indene	116	C9H8	000095-13-6	95
4		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5		3-Methylphenylacetylene	116	C9H8	000766-82-5	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010103.D
Acq On : 23 Apr 2019 18:31
Operator : SY/VA
Sample : K2481-18
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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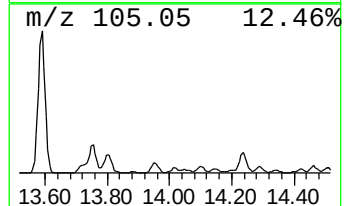
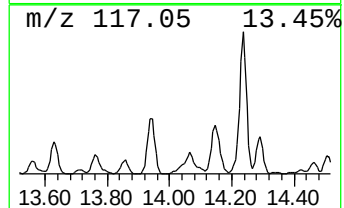
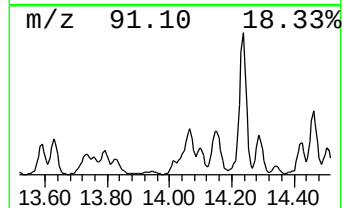
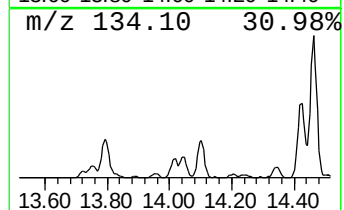
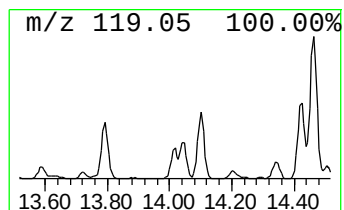
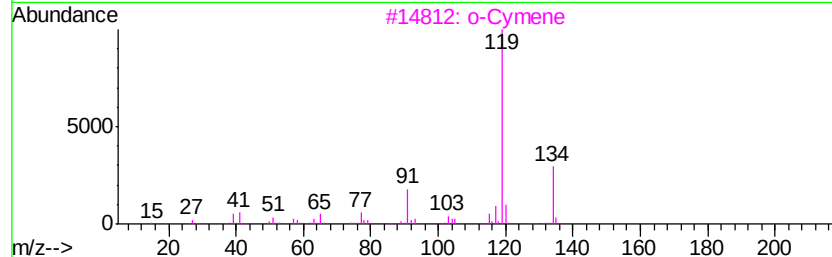
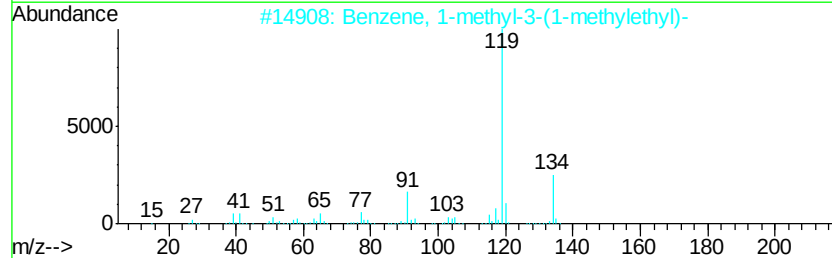
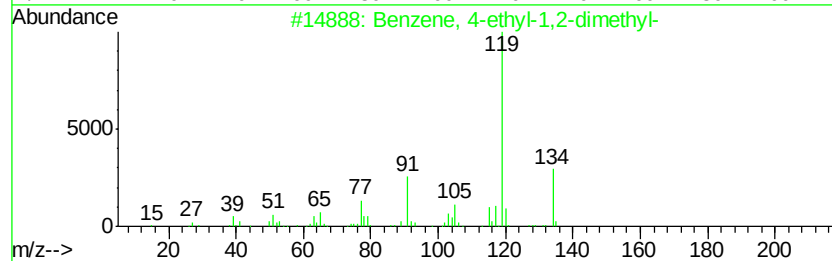
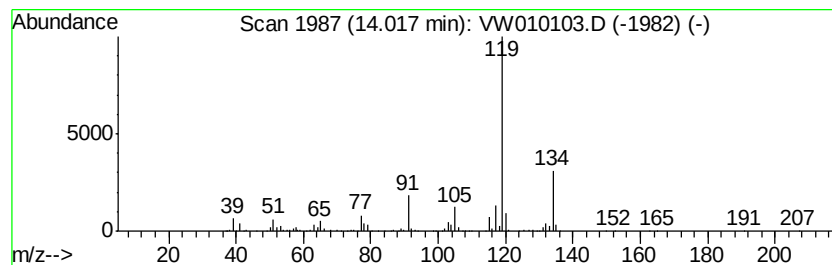
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Quant Title : VOC Analysis

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

Peak Number 13 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	2.35 ug/L	243854	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
3		o-Cymene	134	C10H14	000527-84-4	91
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010103.D
Acq On : 23 Apr 2019 18:31
Operator : SY/VA
Sample : K2481-18
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHX1

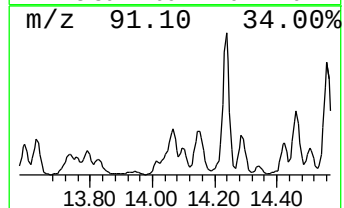
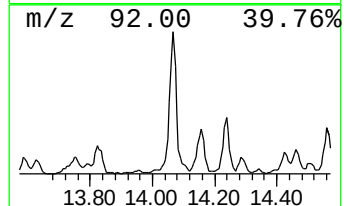
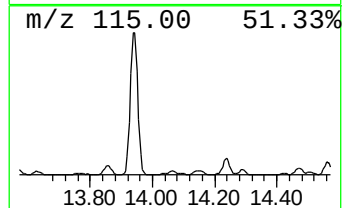
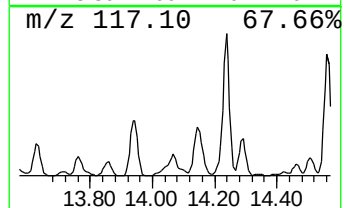
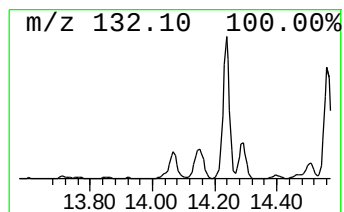
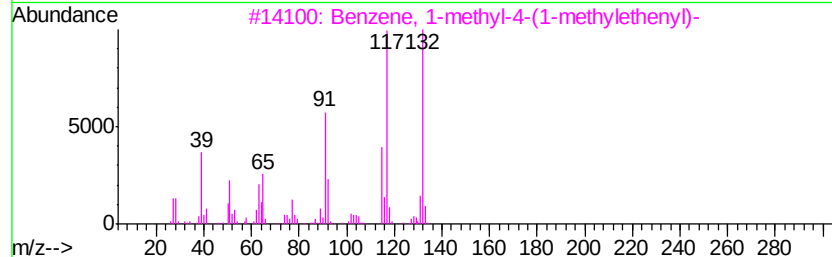
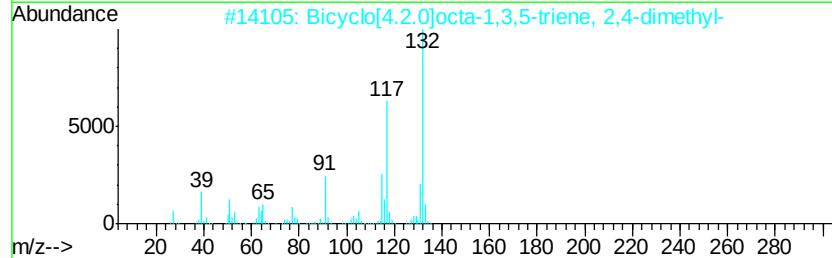
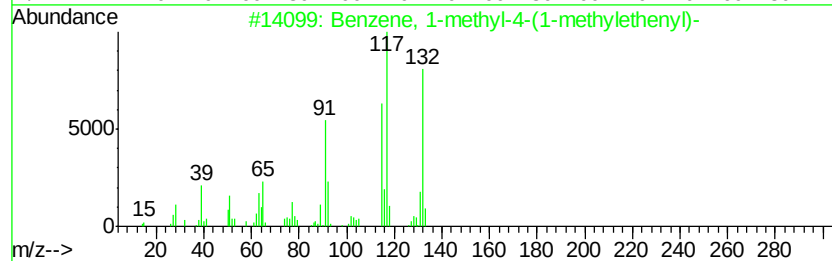
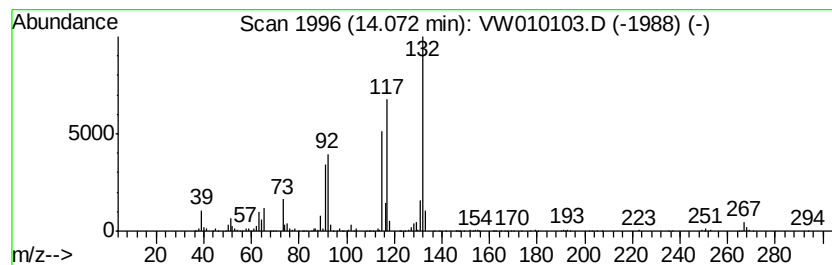
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Quant Title : VOC Analysis

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

Peak Number 14 Benzene, 1-methyl-4-(1-meth... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	6.17 ug/L	640166	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	83
2			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	76
3			Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	76
4			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
5			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010103.D
Acq On : 23 Apr 2019 18:31
Operator : SY/VA
Sample : K2481-18
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAHX1

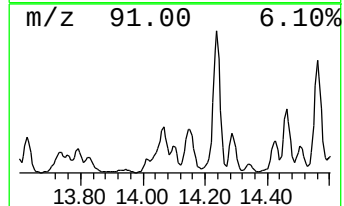
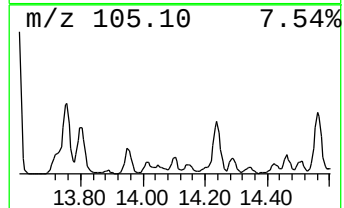
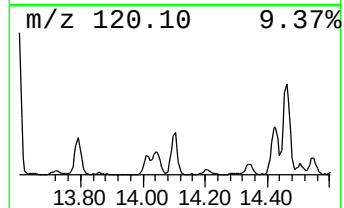
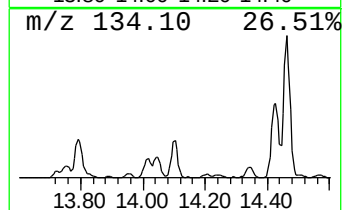
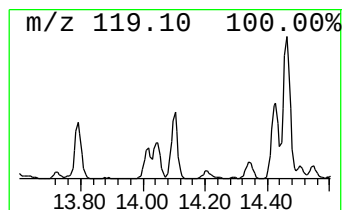
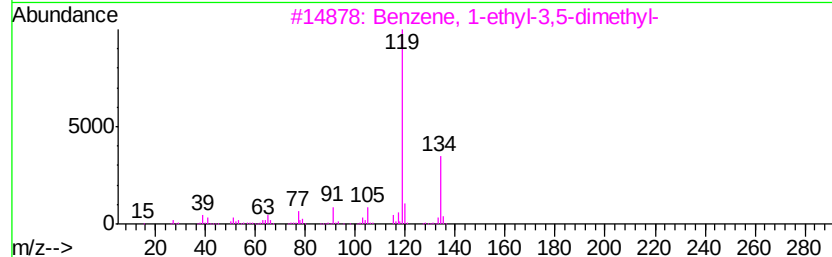
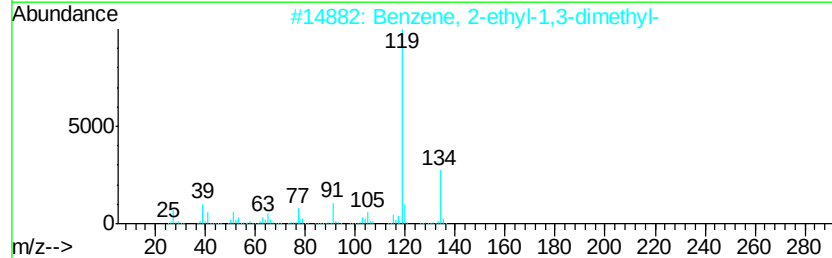
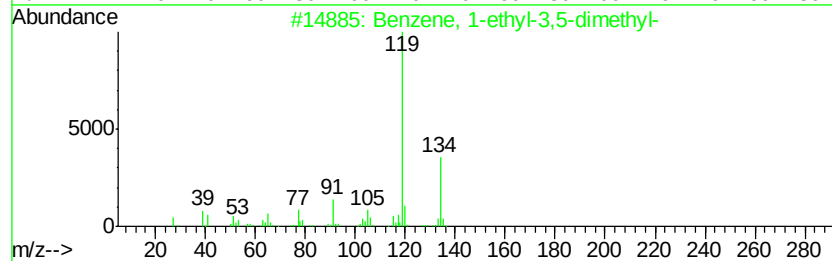
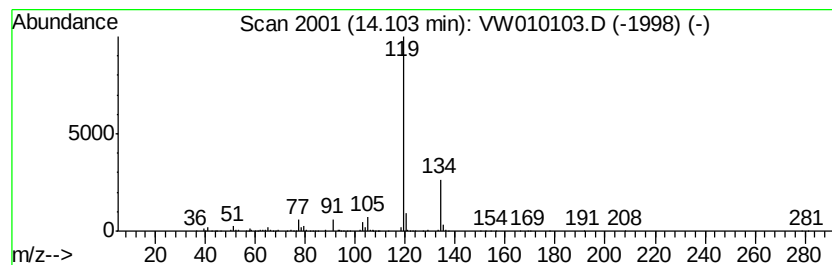
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Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	3.55 ug/L	368821	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010103.D
Acq On : 23 Apr 2019 18:31
Operator : SY/VA
Sample : K2481-18
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHX1

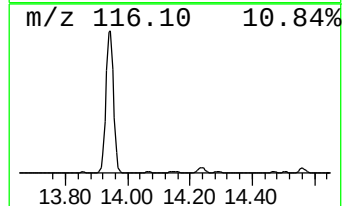
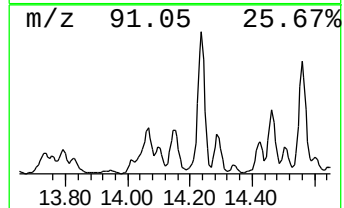
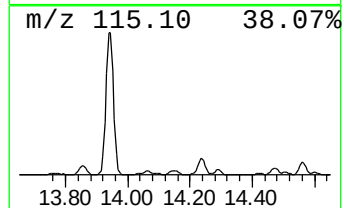
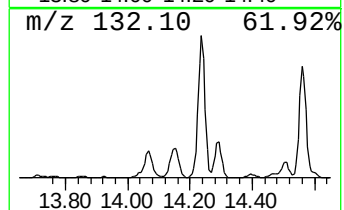
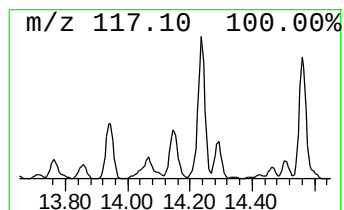
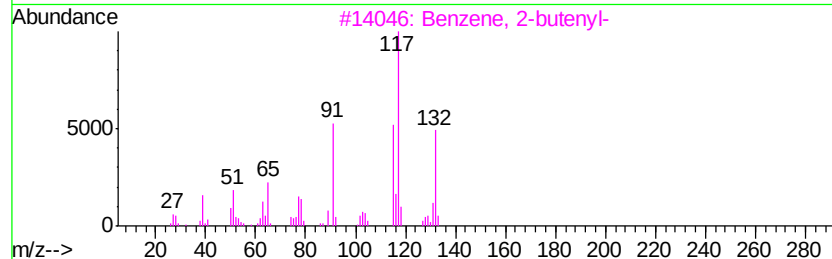
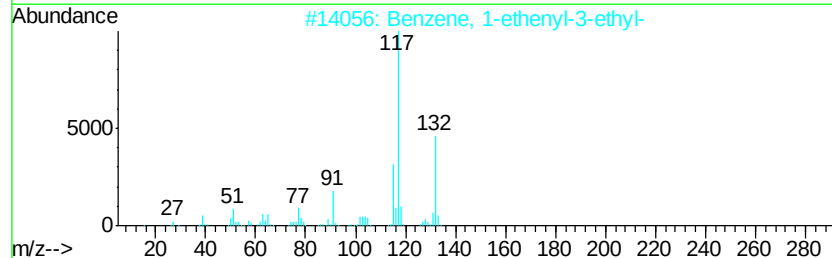
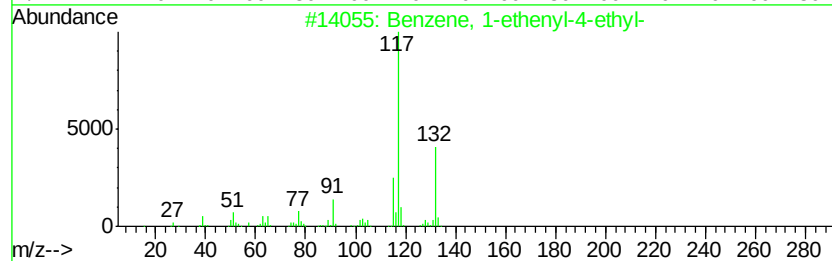
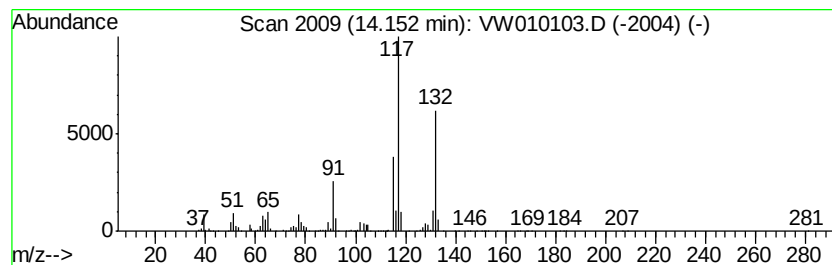
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Quant Title : VOC Analysis

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

Peak Number 16 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	10.59 ug/L	1099130	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	94
2		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	93
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
4		Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
5		Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010103.D
Acq On : 23 Apr 2019 18:31
Operator : SY/VA
Sample : K2481-18
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHX1

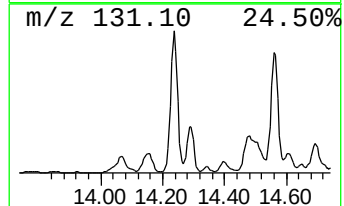
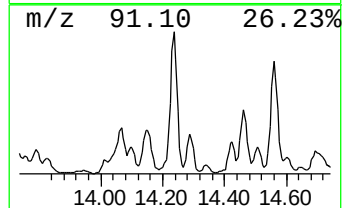
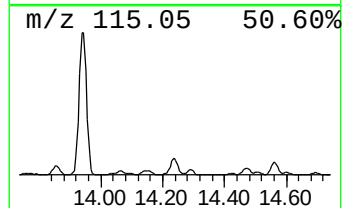
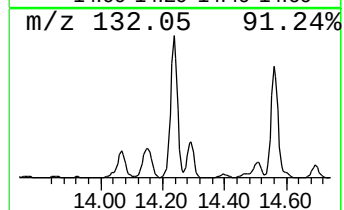
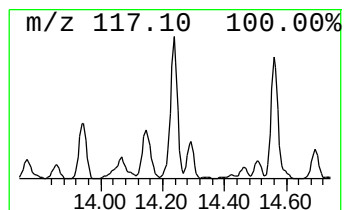
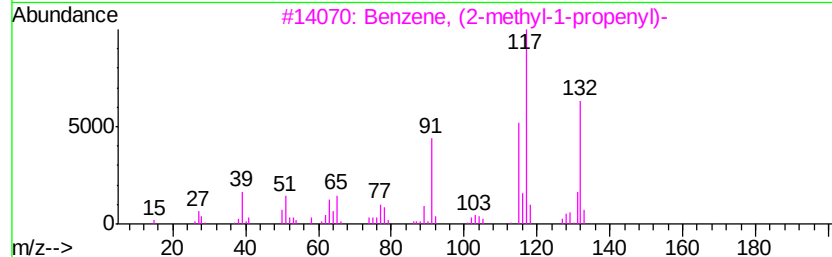
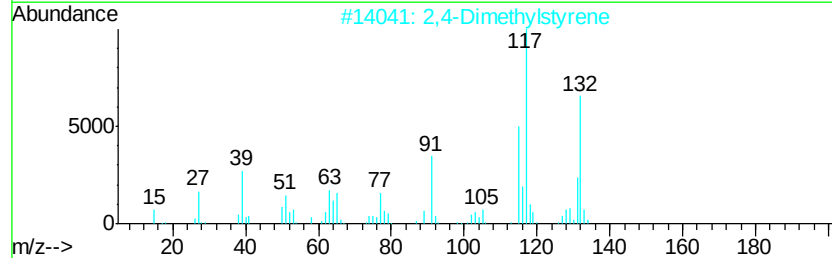
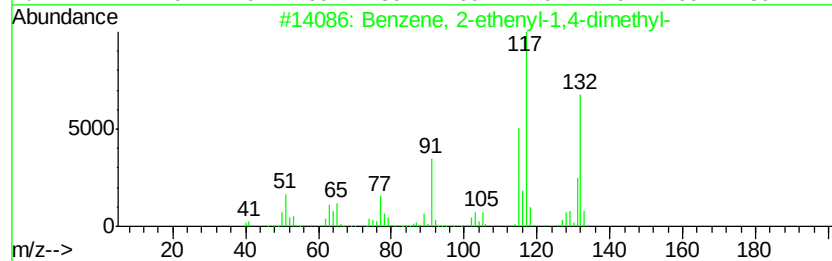
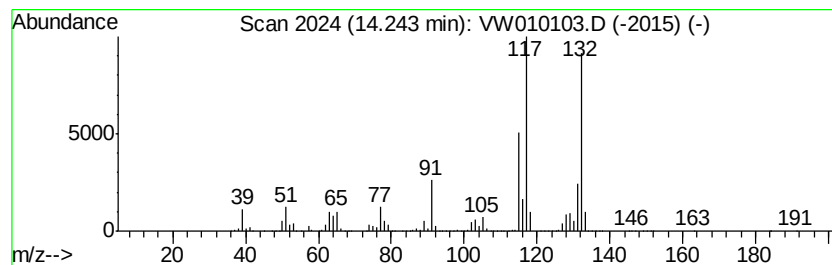
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Quant Title : VOC Analysis

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

Peak Number 17 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	35.85 ug/L	3721850	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	97
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	97
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	96
4		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010103.D
Acq On : 23 Apr 2019 18:31
Operator : SY/VA
Sample : K2481-18
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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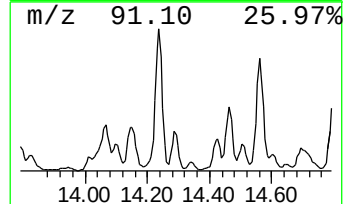
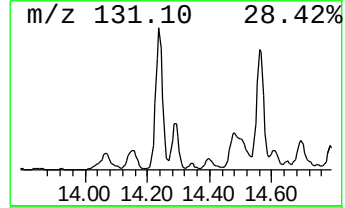
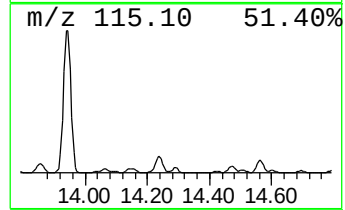
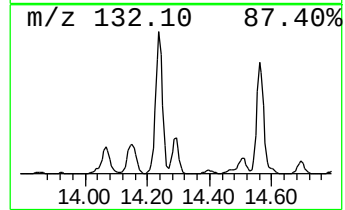
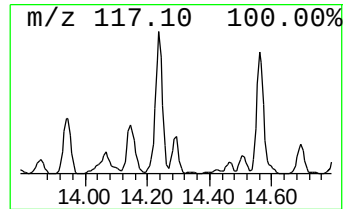
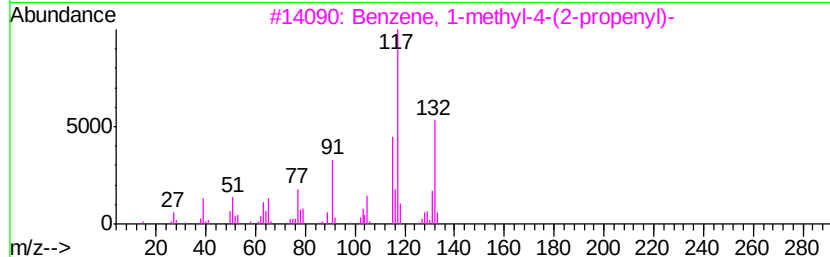
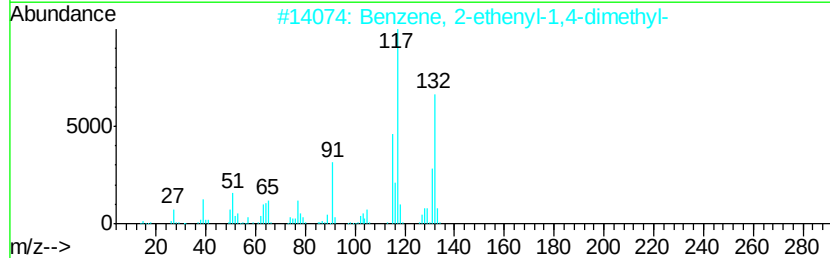
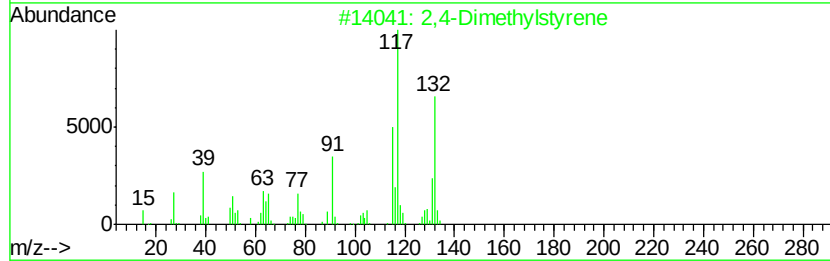
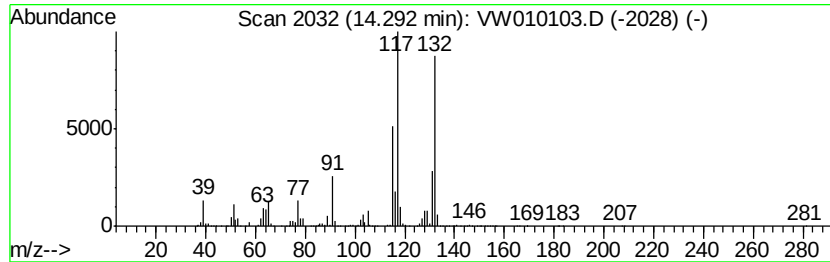
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Quant Title : VOC Analysis

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

Peak Number 18 2,4-Dimethylstyrene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	8.72 ug/L	905746	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Dimethylstyrene	132	C10H12	002234-20-0	94
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
3		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	93
4		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010103.D
Acq On : 23 Apr 2019 18:31
Operator : SY/VA
Sample : K2481-18
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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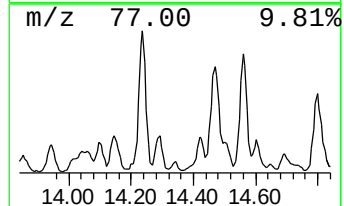
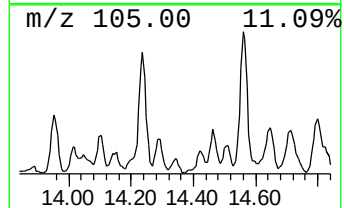
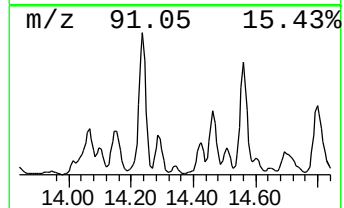
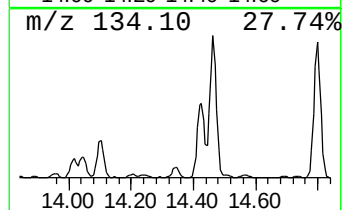
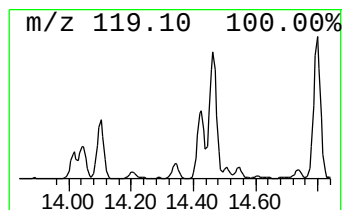
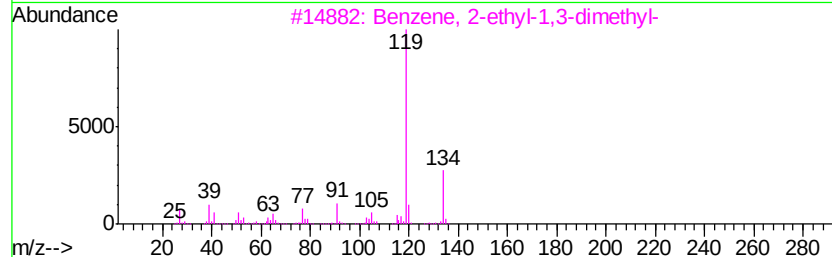
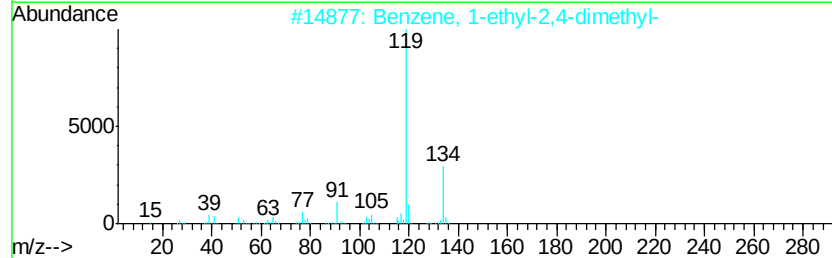
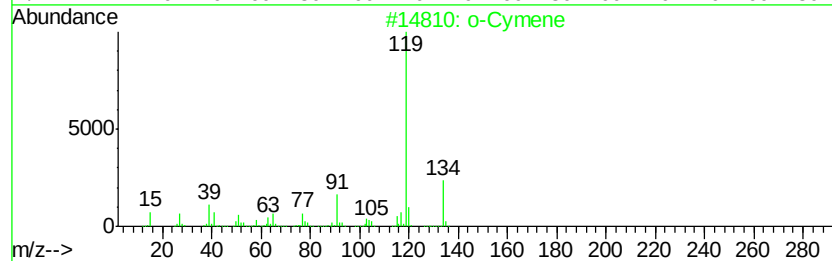
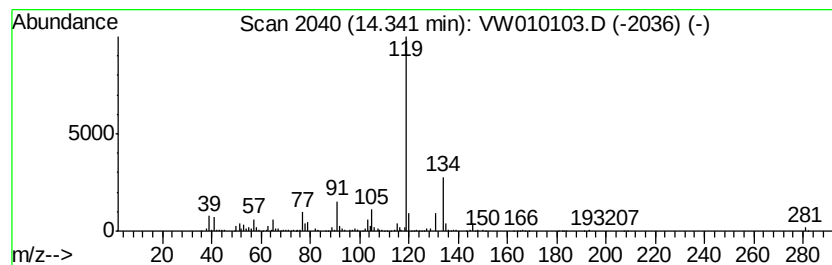
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Quant Title : VOC Analysis

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

Peak Number 19 o-Cymene Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	1.72 ug/L	178796	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	93
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010103.D
Acq On : 23 Apr 2019 18:31
Operator : SY/VA
Sample : K2481-18
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

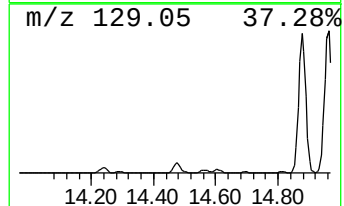
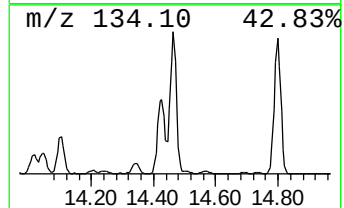
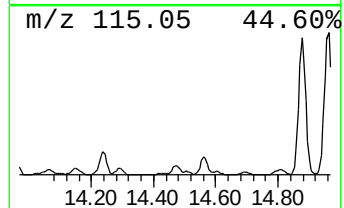
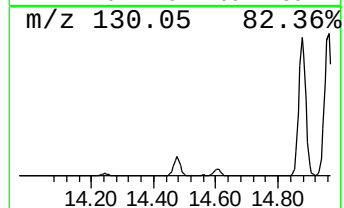
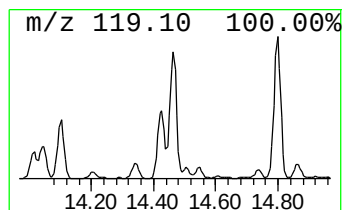
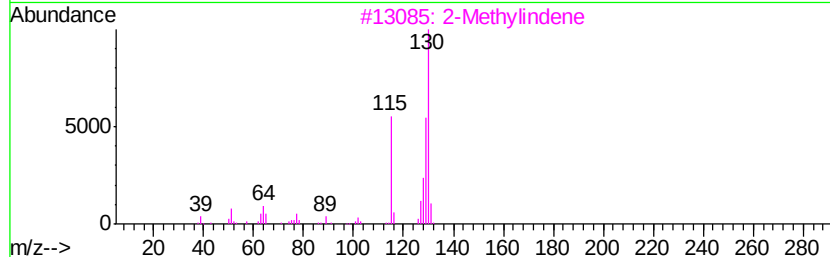
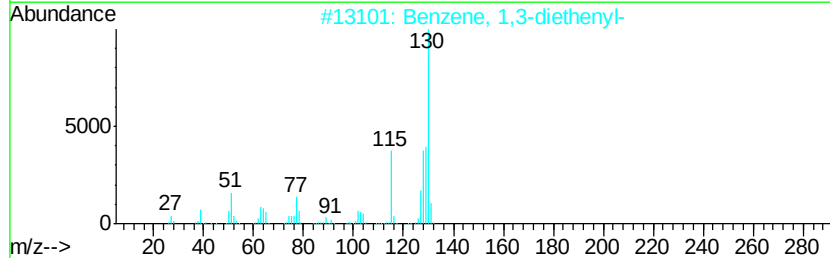
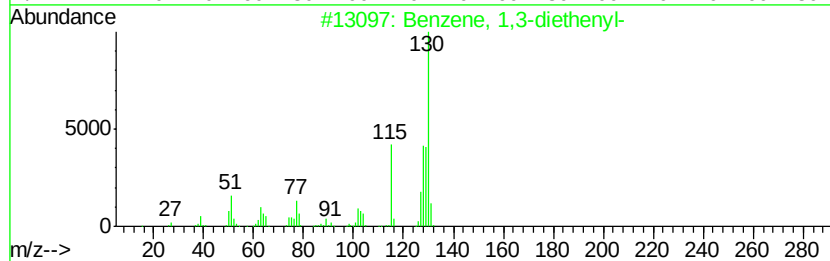
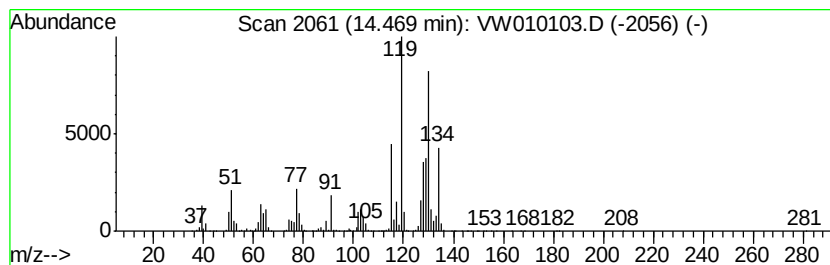
Instrument :
MSVOA_W
ClientSampleId :
GAHX1

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 21 Benzene, 1,3-diethenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	20.03 ug/L	2079320	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,3-diethenyl-	130 C10H10	000108-57-6 89
2		Benzene, 1,3-diethenyl-	130 C10H10	000108-57-6 87
3		2-Methylindene	130 C10H10	002177-47-1 50
4		Benzene, (1-methyl-2-cyclopropen...	130 C10H10	065051-83-4 50
5		1H-Indene, 1-methyl-	130 C10H10	000767-59-9 50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010103.D
Acq On : 23 Apr 2019 18:31
Operator : SY/VA
Sample : K2481-18
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHX1

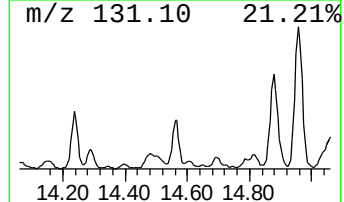
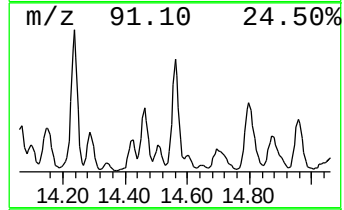
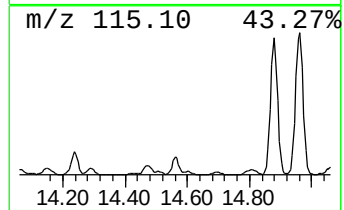
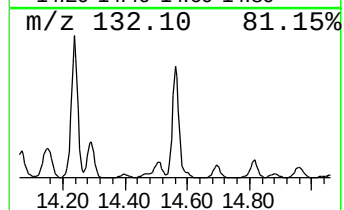
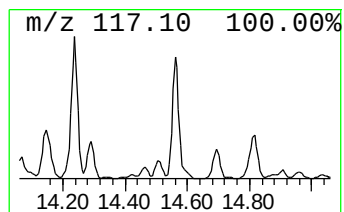
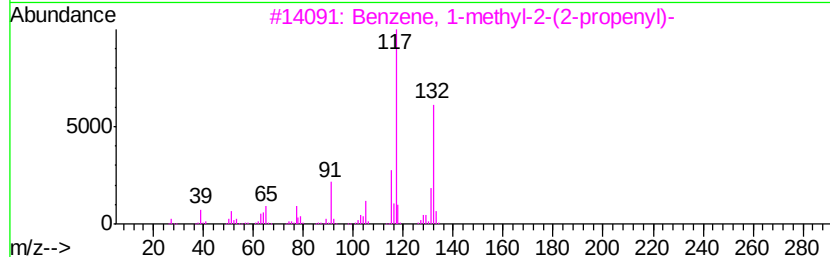
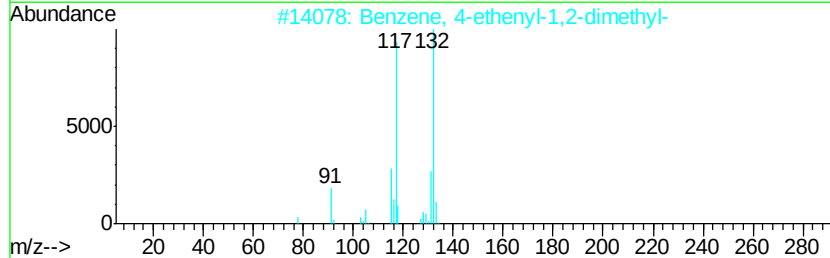
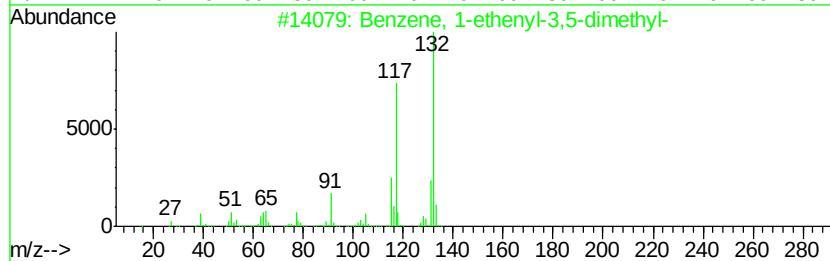
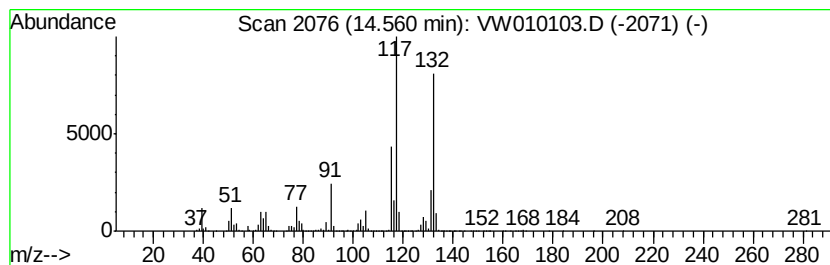
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Quant Title : VOC Analysis

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

Peak Number 22 Benzene, 1-ethenyl-3,5-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	28.78 ug/L	2988010	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	97
2		Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	97
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
4		Benzene, 2-butenyl-	132	C10H12	001560-06-1	95
5		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010103.D
Acq On : 23 Apr 2019 18:31
Operator : SY/VA
Sample : K2481-18
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHX1

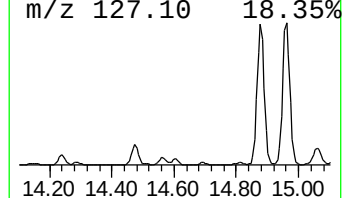
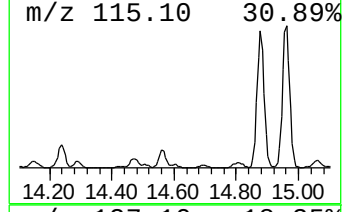
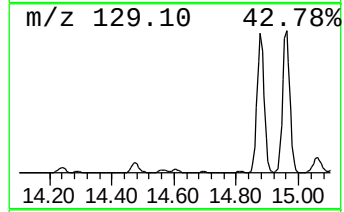
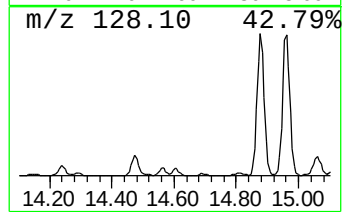
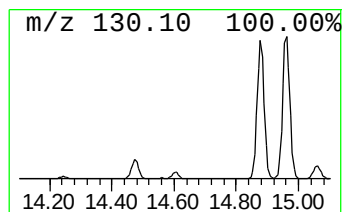
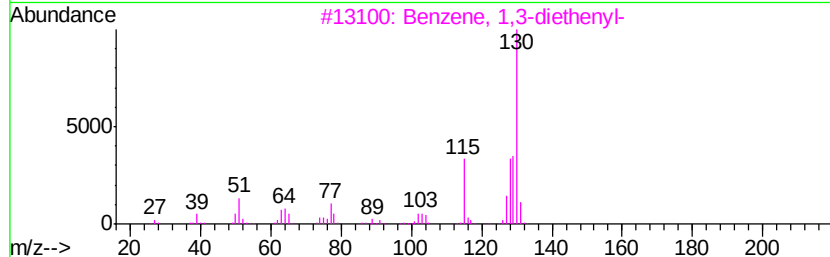
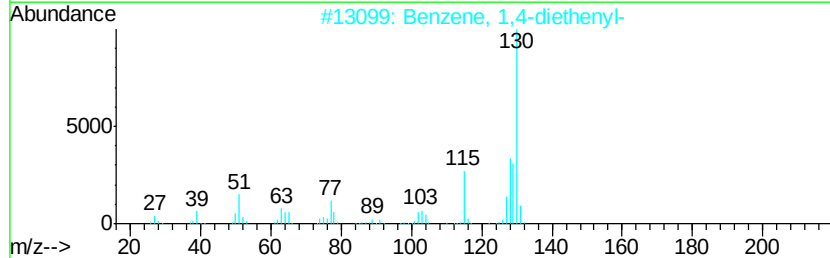
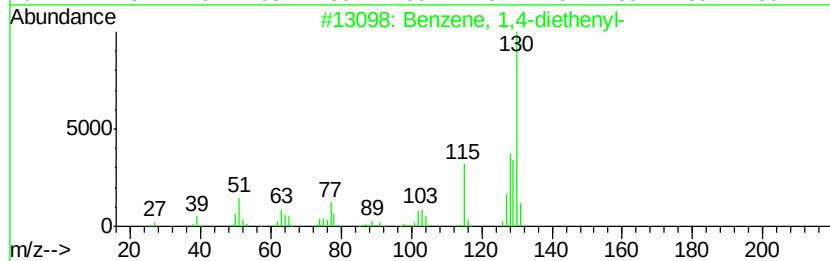
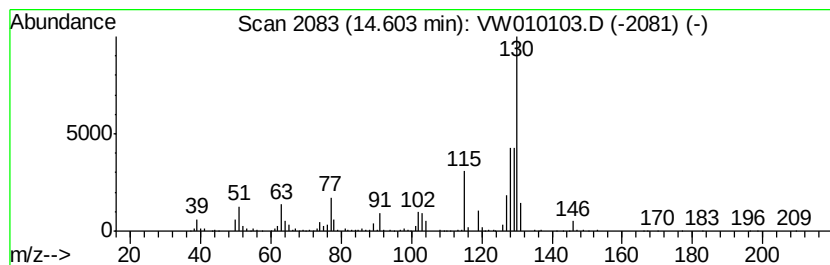
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Quant Title : VOC Analysis

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

Peak Number 23 Benzene, 1,4-diethenyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	4.10 ug/L	425395	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethenyl-	130	C10H10	000105-06-6	91
2		Benzene, 1,4-diethenyl-	130	C10H10	000105-06-6	90
3		Benzene, 1,3-diethenyl-	130	C10H10	000108-57-6	70
4		1H-Indene-3-ethanamine	159	C11H13N	015940-39-3	64
5		Benzene, 1,3-diethenyl-	130	C10H10	000108-57-6	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010103.D
Acq On : 23 Apr 2019 18:31
Operator : SY/VA
Sample : K2481-18
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHX1

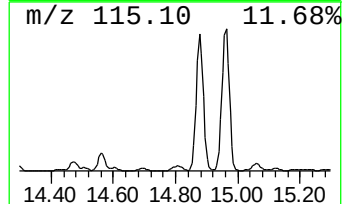
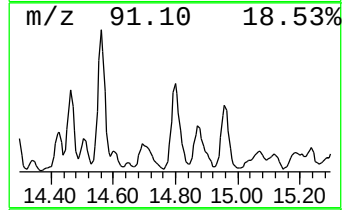
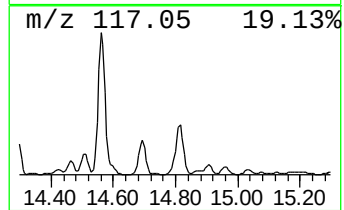
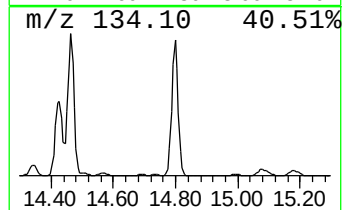
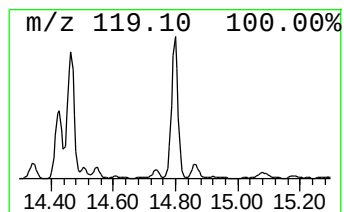
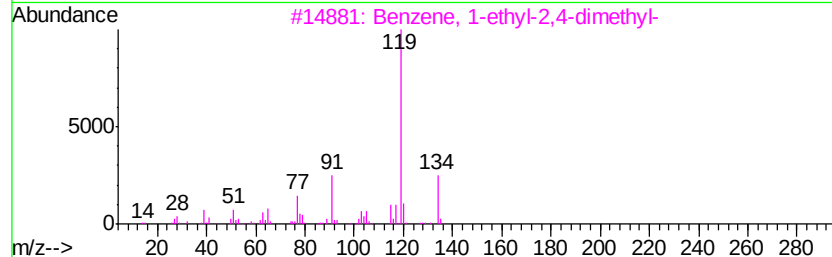
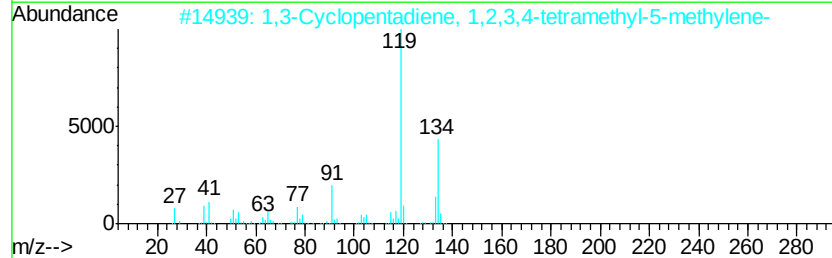
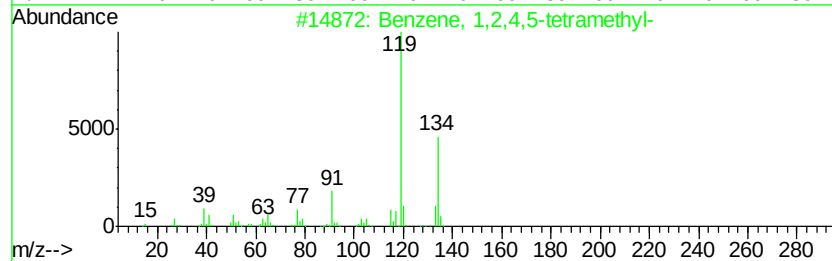
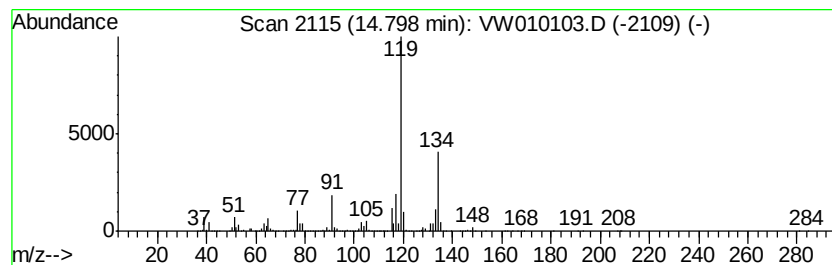
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Quant Title : VOC Analysis

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

Peak Number 25 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	22.24 ug/L	2309290	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010103.D
Acq On : 23 Apr 2019 18:31
Operator : SY/VA
Sample : K2481-18
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHX1

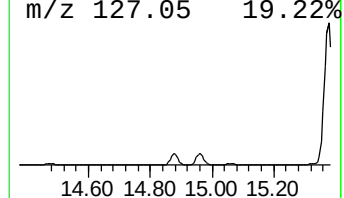
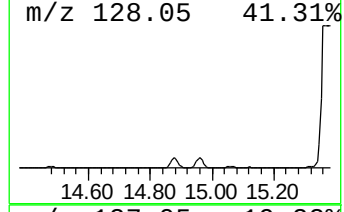
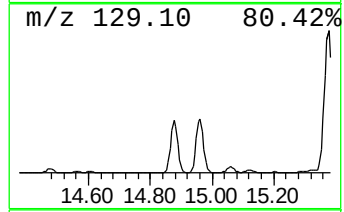
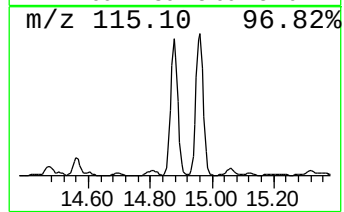
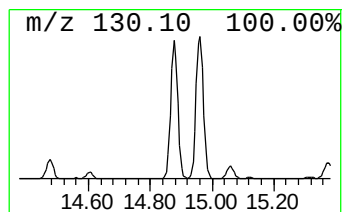
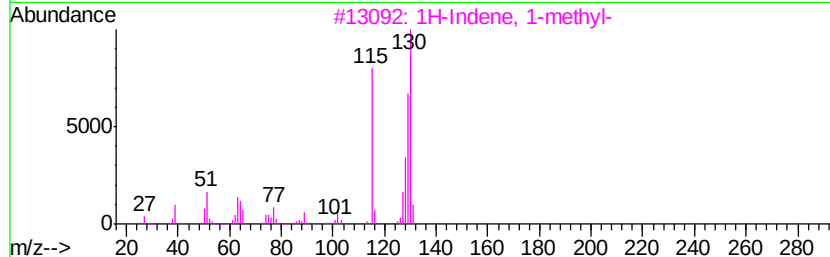
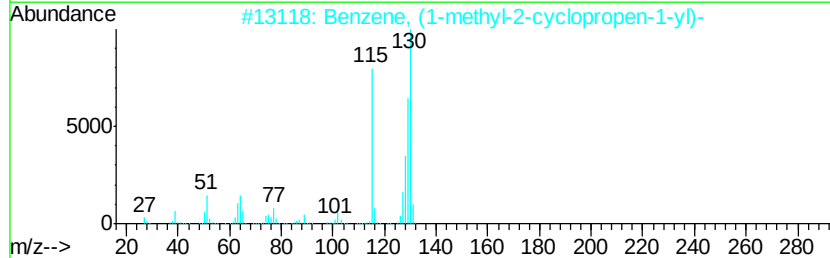
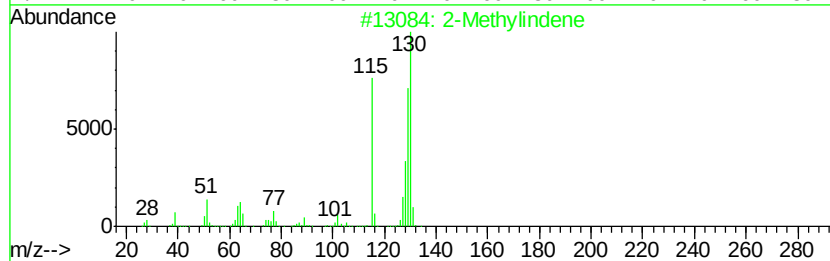
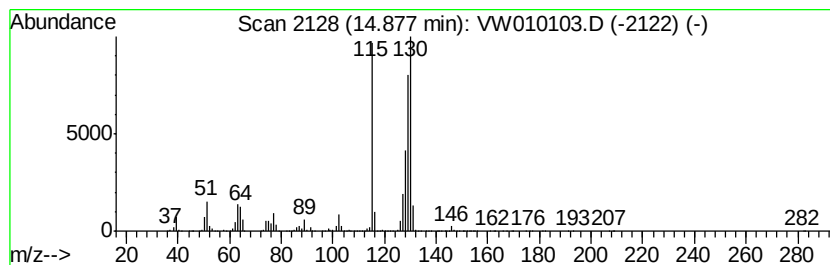
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Quant Title : VOC Analysis

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

Peak Number 26 2-Methylindene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	111.11 ug/L	11535400	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		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
5		1H-Indene, 3-methyl-	130	C10H10	000767-60-2	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010103.D
Acq On : 23 Apr 2019 18:31
Operator : SY/VA
Sample : K2481-18
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHX1

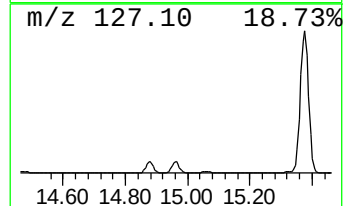
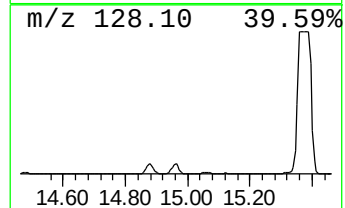
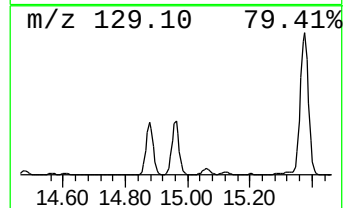
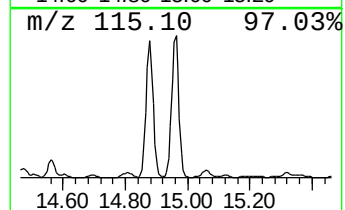
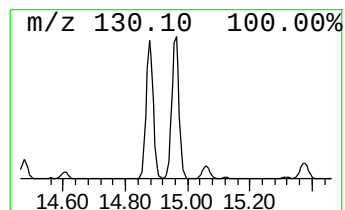
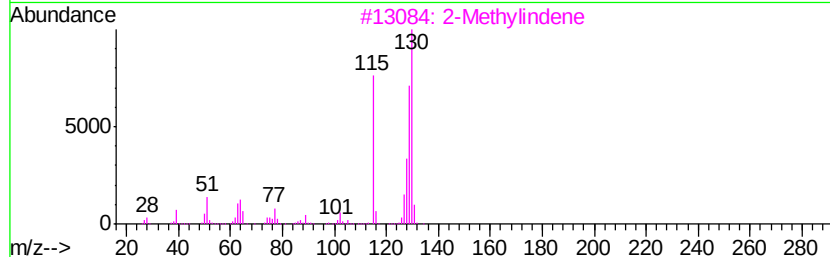
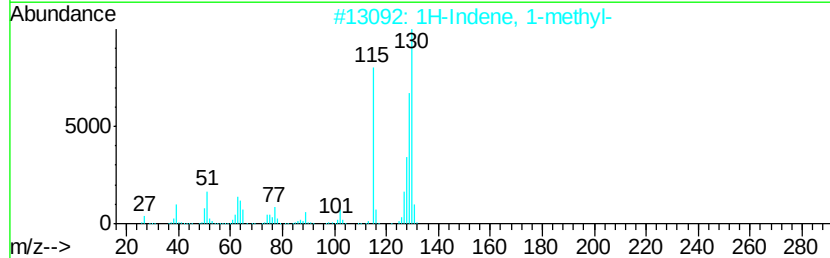
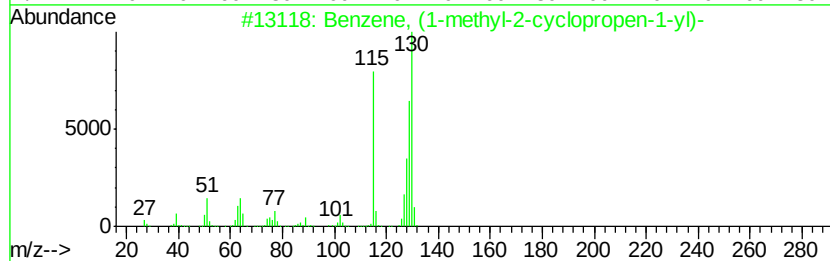
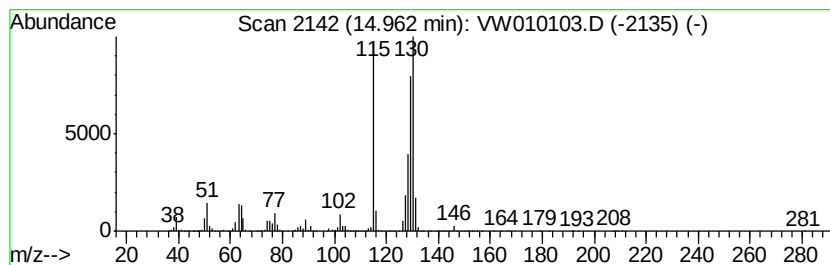
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Quant Title : VOC Analysis

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

Peak Number 27 Benzene, (1-methyl-2-cyclop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	123.94 ug/L	12867200	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	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-1,2-propadienyl-	130	C10H10	022433-39-2	95
5		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010103.D
Acq On : 23 Apr 2019 18:31
Operator : SY/VA
Sample : K2481-18
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

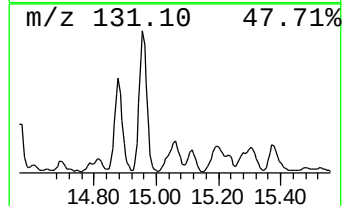
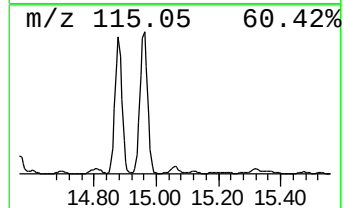
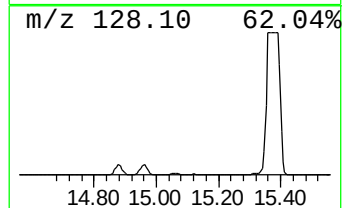
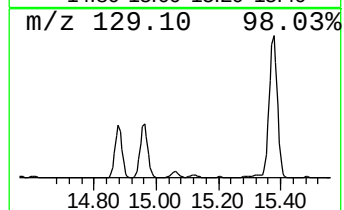
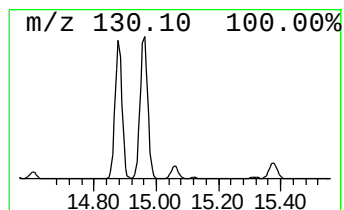
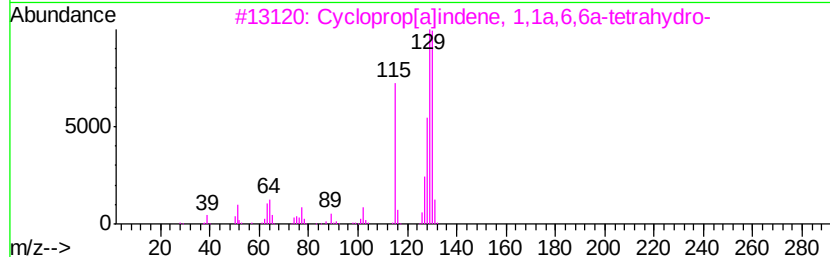
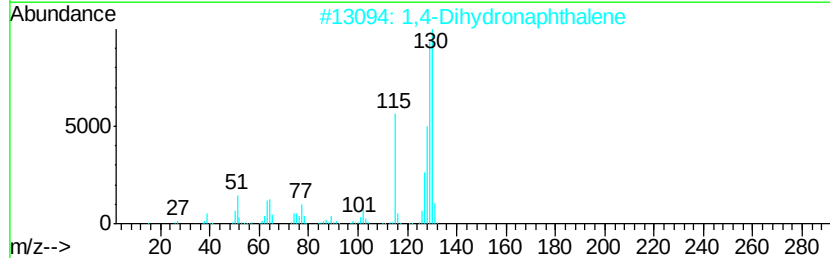
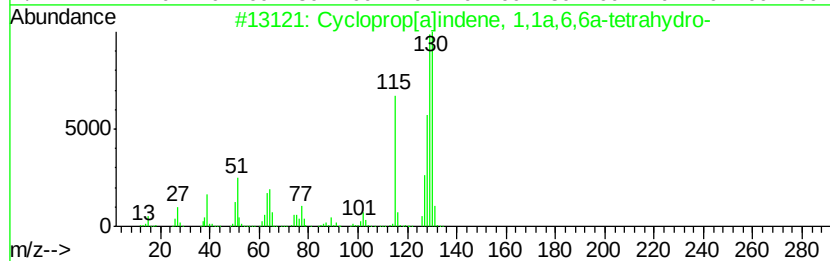
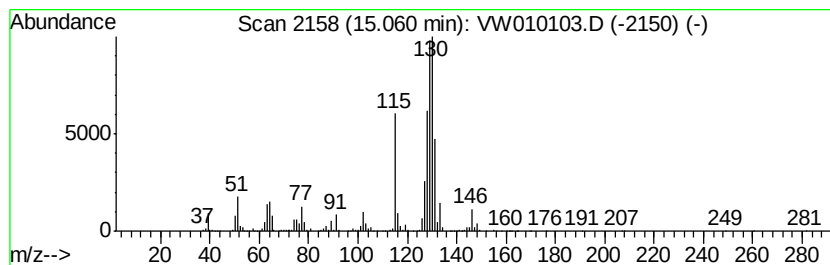
Instrument :
MSVOA_W
ClientSampleId :
GAHX1

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 28 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.06	15.98 ug/L	1658960	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	96
2	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
3	Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93
4	Tetracyclo[5.3.0.0<2,6>.0<3,10>]....	130	C10H10	034324-40-8	93
5	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010103.D
Acq On : 23 Apr 2019 18:31
Operator : SY/VA
Sample : K2481-18
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHX1

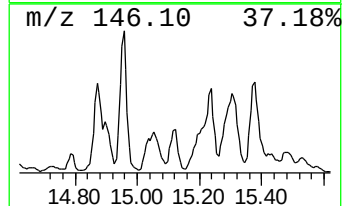
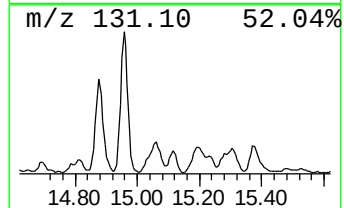
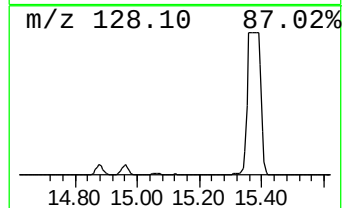
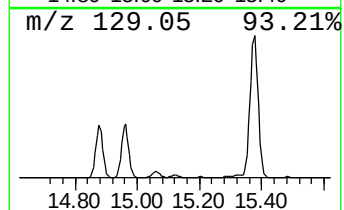
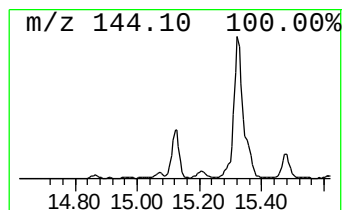
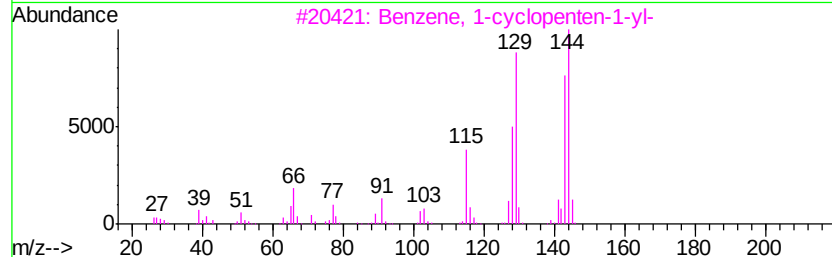
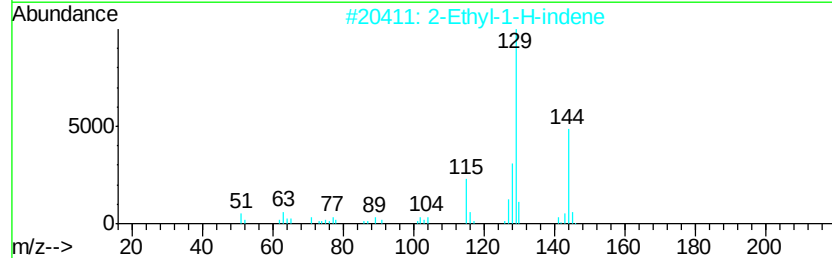
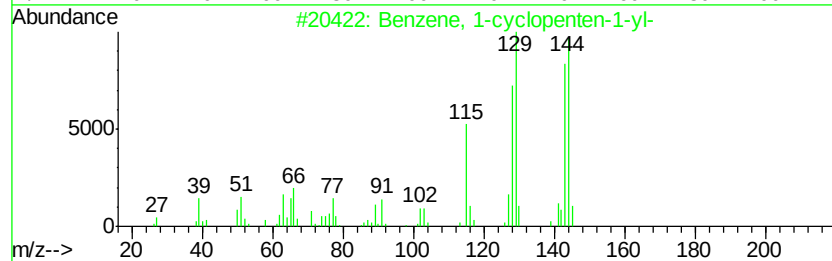
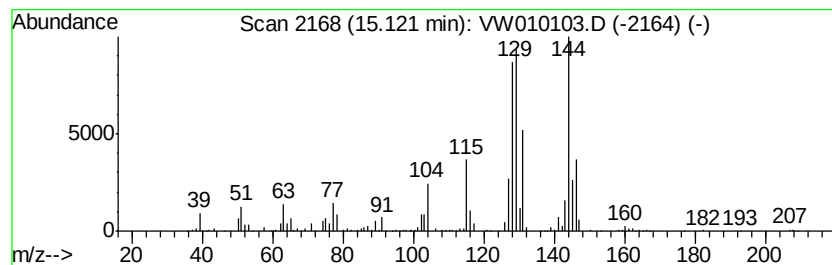
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Quant Title : VOC Analysis

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

Peak Number 29 Benzene, 1-cyclopenten-1-yl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	6.83 ug/L	708871	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-cyclopenten-1-yl-	144	C11H12	000825-54-7	53
2		2-Ethyl-1-H-indene	144	C11H12	017059-50-6	53
3		Benzene, 1-cyclopenten-1-yl-	144	C11H12	000825-54-7	49
4		1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	46
5		1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010103.D
Acq On : 23 Apr 2019 18:31
Operator : SY/VA
Sample : K2481-18
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHX1

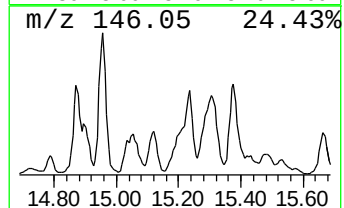
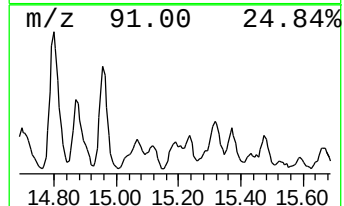
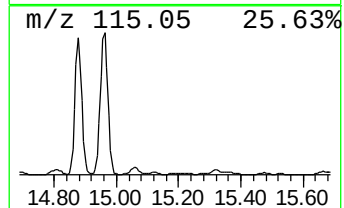
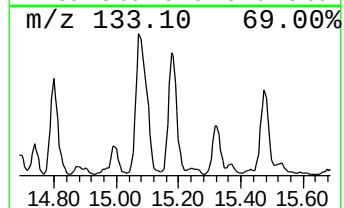
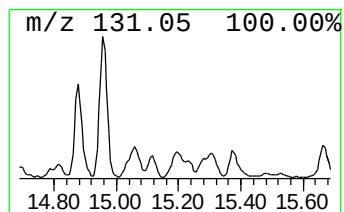
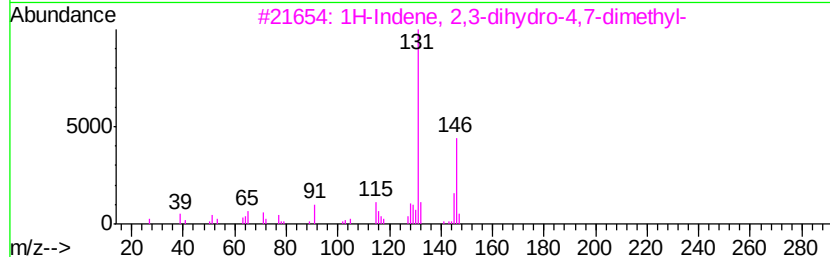
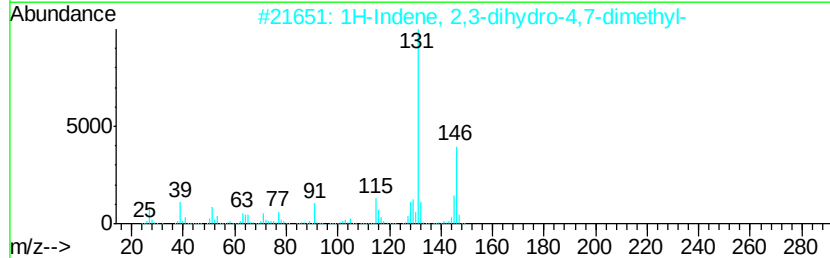
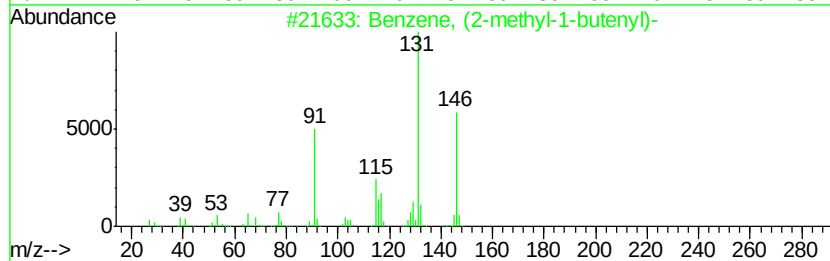
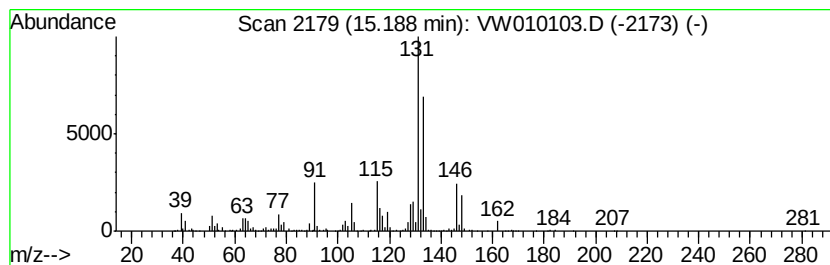
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Quant Title : VOC Analysis

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

Peak Number 30 Benzene, (2-methyl-1-butenyl)- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	6.69 ug/L	694748	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	83
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
4		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64
5		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010103.D
Acq On : 23 Apr 2019 18:31
Operator : SY/VA
Sample : K2481-18
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHX1

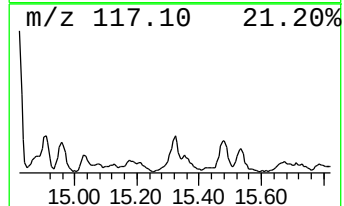
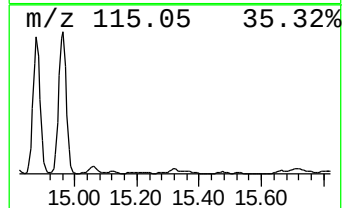
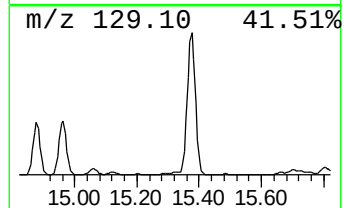
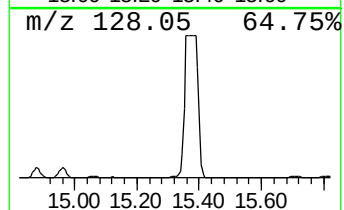
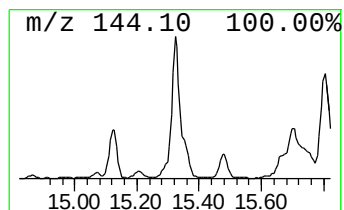
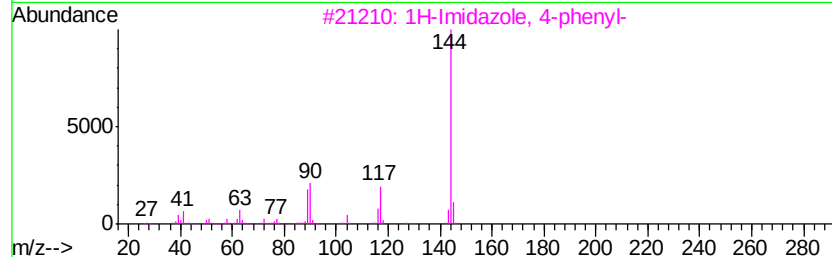
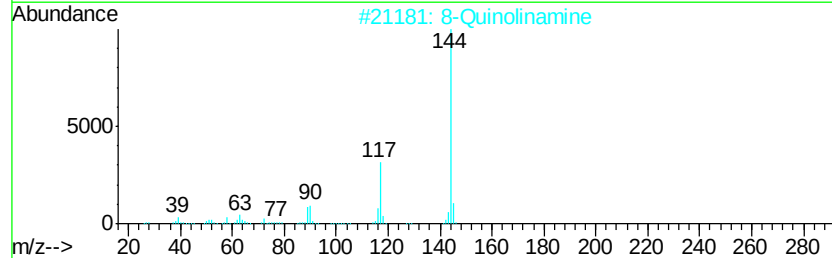
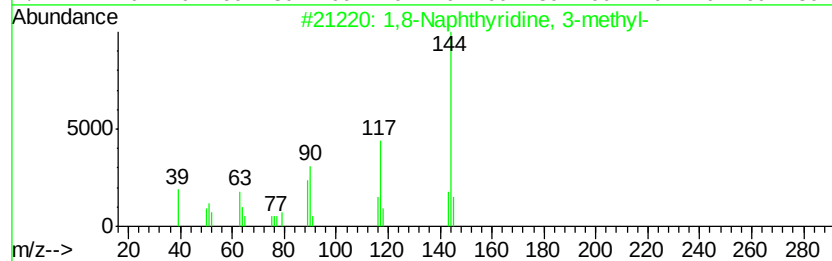
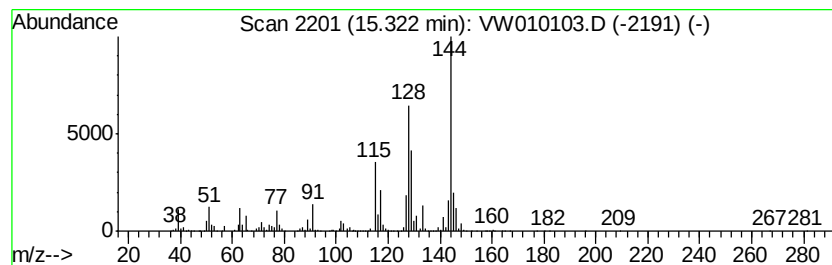
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Quant Title : VOC Analysis

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

Peak Number 31 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	14.25 ug/L	1479800	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,8-Naphthyridine, 3-methyl-	144	C9H8N2	014759-22-9	43
2		8-Quinolinamine	144	C9H8N2	000578-66-5	38
3		1H-Imidazole, 4-phenyl-	144	C9H8N2	000670-95-1	38
4		1H-Pyrazole, 3-phenyl-	144	C9H8N2	002458-26-6	38
5		2-Quinolinamine	144	C9H8N2	000580-22-3	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010103.D
Acq On : 23 Apr 2019 18:31
Operator : SY/VA
Sample : K2481-18
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHX1

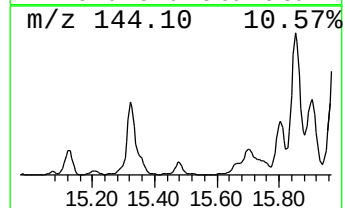
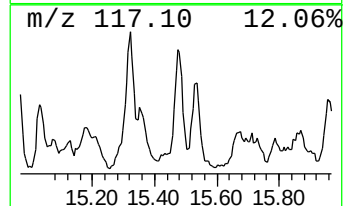
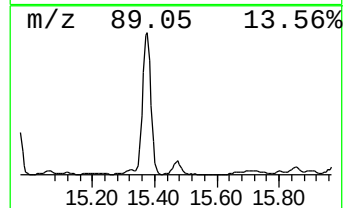
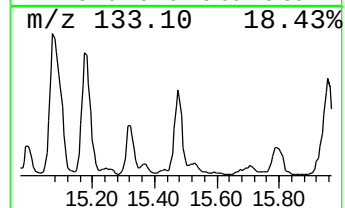
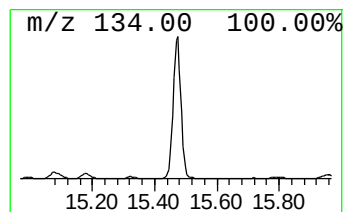
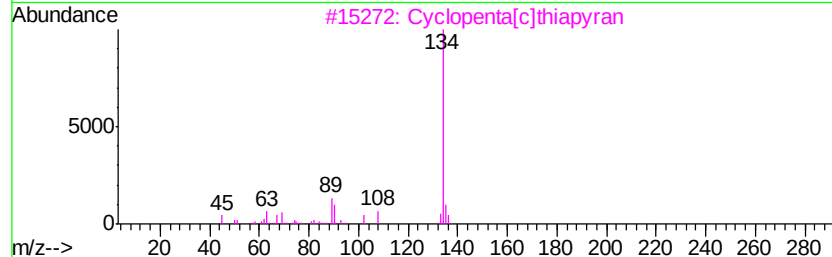
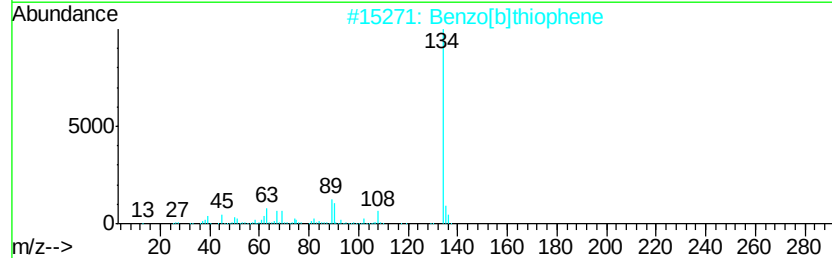
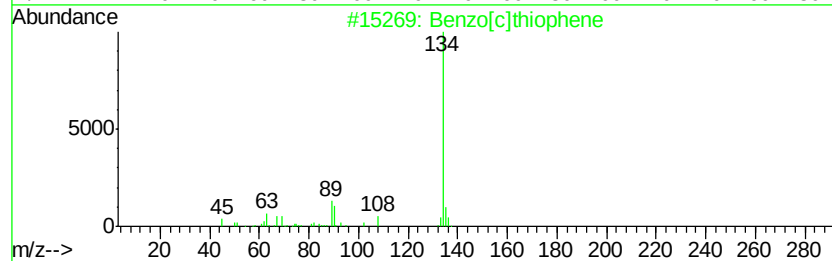
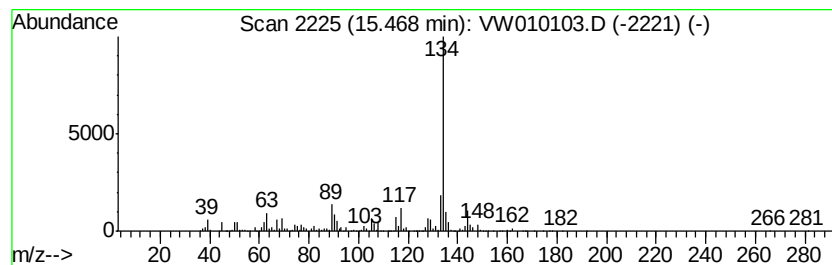
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Quant Title : VOC Analysis

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

Peak Number 33 Benzo[c]thiophene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	9.72 ug/L	1009460	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[c]thiophene	134	C8H6S	000270-82-6	91
2		Benzo[b]thiophene	134	C8H6S	000095-15-8	91
3		Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	64
4		Benzo[b]thiophene	134	C8H6S	000095-15-8	64
5		Benzo[b]thiophene	134	C8H6S	000095-15-8	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010103.D
Acq On : 23 Apr 2019 18:31
Operator : SY/VA
Sample : K2481-18
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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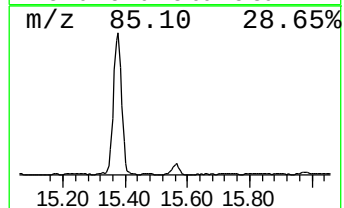
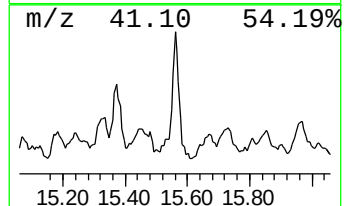
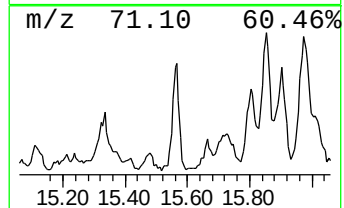
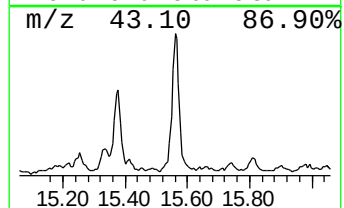
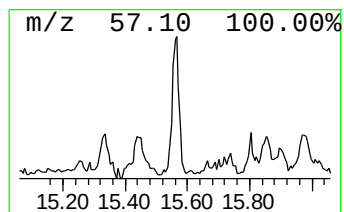
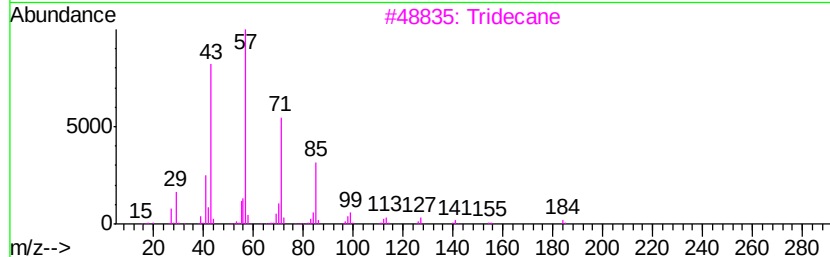
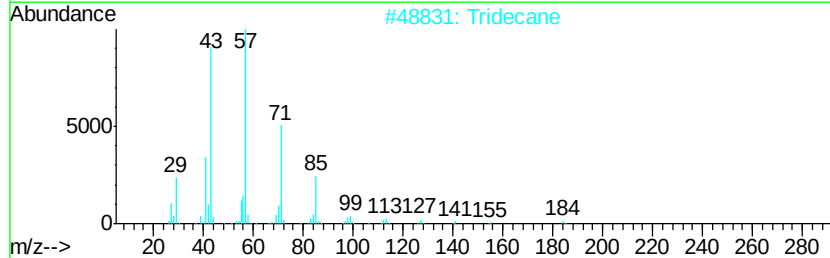
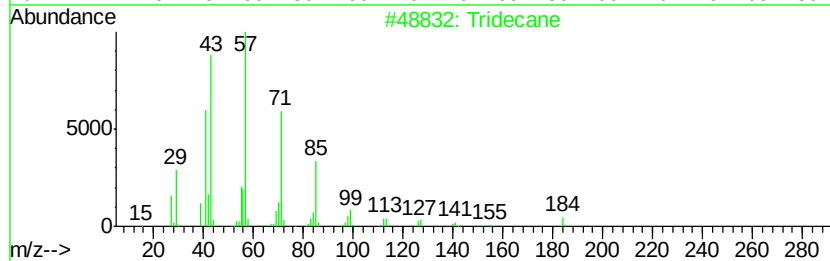
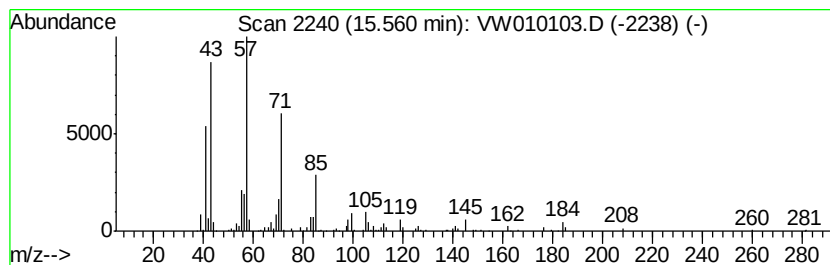
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Quant Title : VOC Analysis

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	2.06 ug/L	213806	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			Tridecane	184	C13H28	000629-50-5	83
3			Tridecane	184	C13H28	000629-50-5	76
4			Tridecane	184	C13H28	000629-50-5	68
5			Heptadecane	240	C17H36	000629-78-7	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010103.D
Acq On : 23 Apr 2019 18:31
Operator : SY/VA
Sample : K2481-18
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHX1

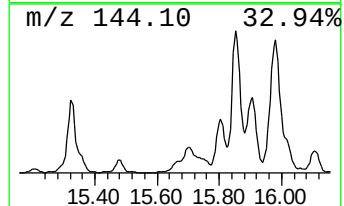
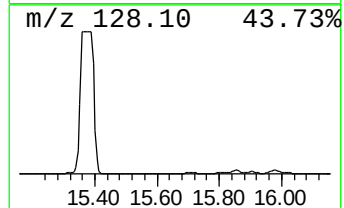
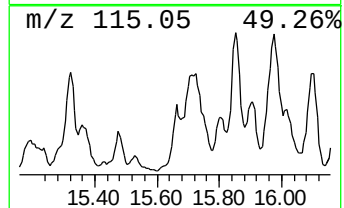
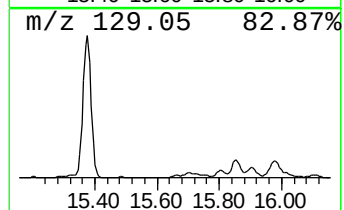
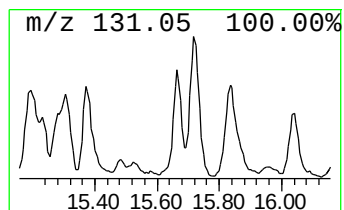
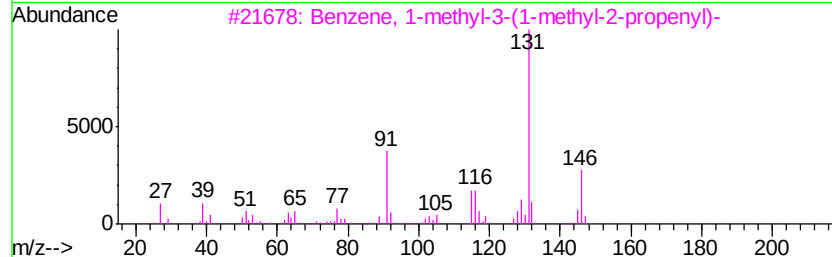
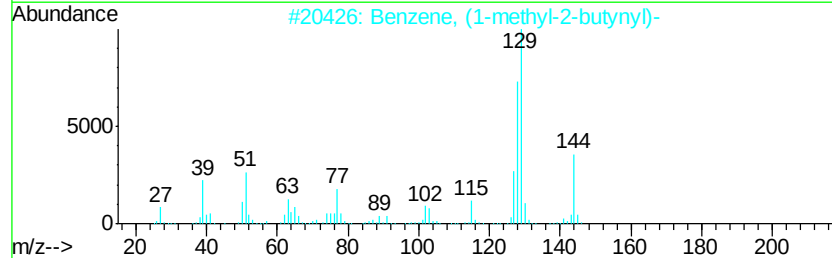
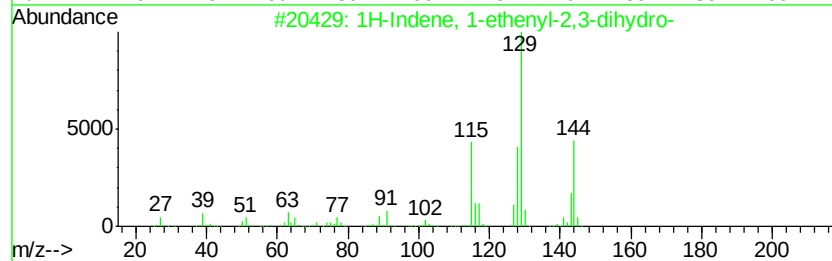
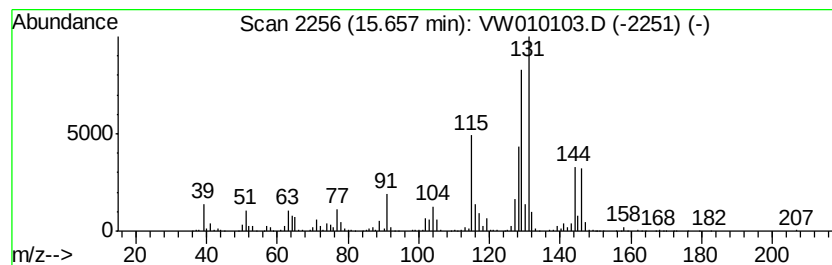
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Quant Title : VOC Analysis

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

Peak Number 35 1H-Indene, 1-ethenyl-2,3-di... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	6.95 ug/L	721060	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	60
2		Benzene, (1-methyl-2-butynyl)-	144	C11H12	087712-69-4	50
3		Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	46
4		1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	46
5		1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010103.D
Acq On : 23 Apr 2019 18:31
Operator : SY/VA
Sample : K2481-18
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHX1

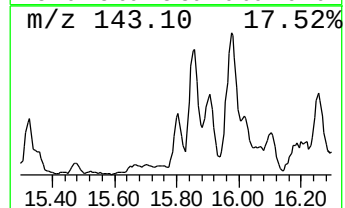
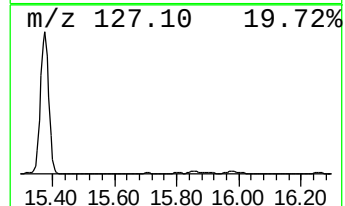
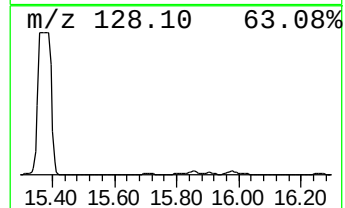
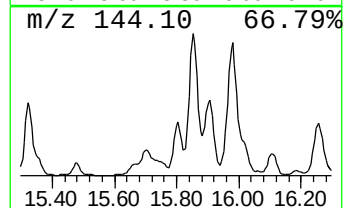
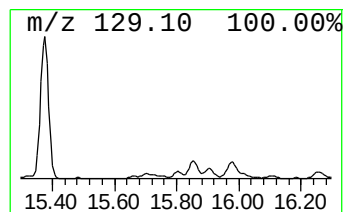
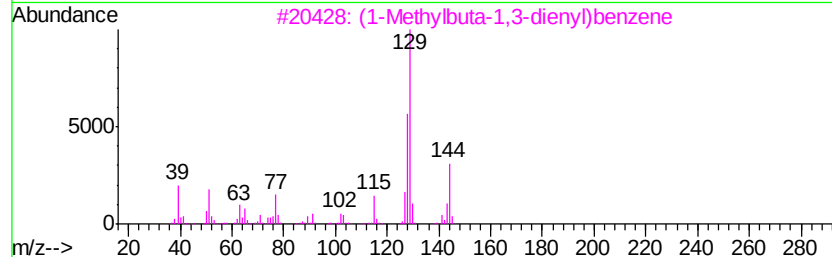
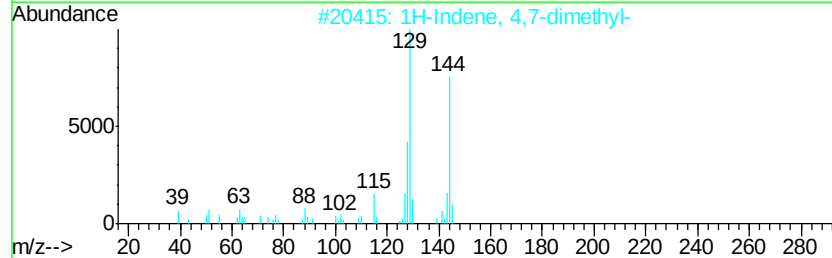
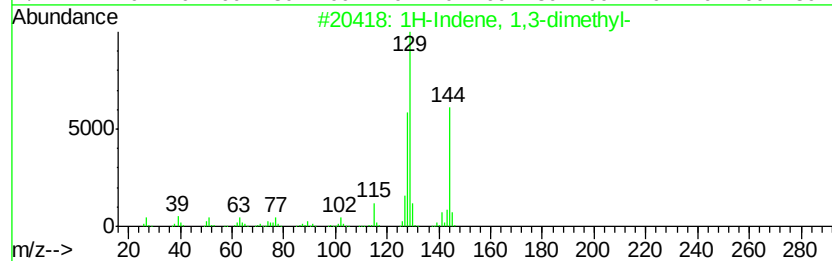
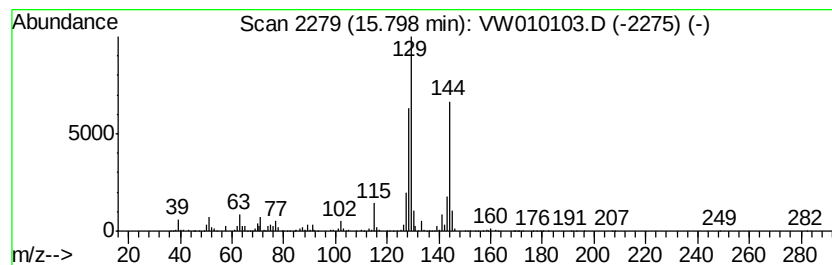
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Quant Title : VOC Analysis

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

Peak Number 36 1H-Indene, 1,3-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	9.41 ug/L	977077	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	96
2		1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	94
3		(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	94
4		(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	91
5		1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010103.D
Acq On : 23 Apr 2019 18:31
Operator : SY/VA
Sample : K2481-18
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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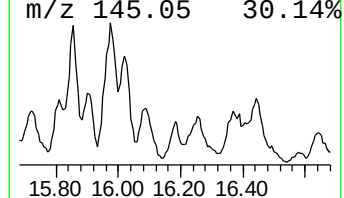
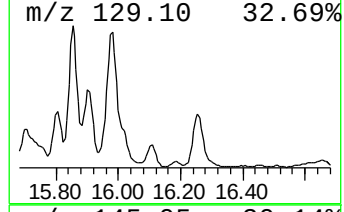
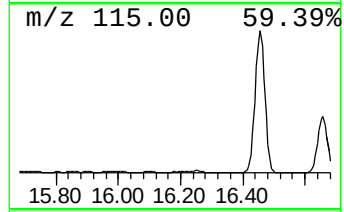
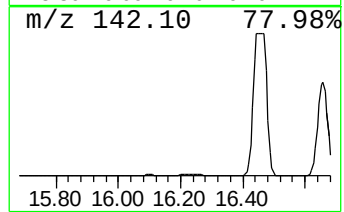
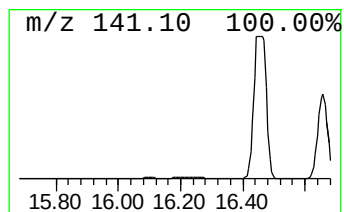
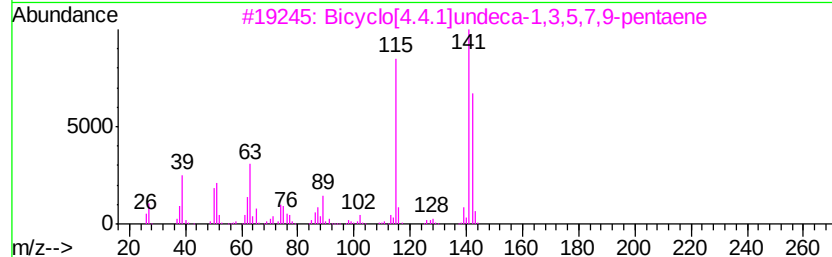
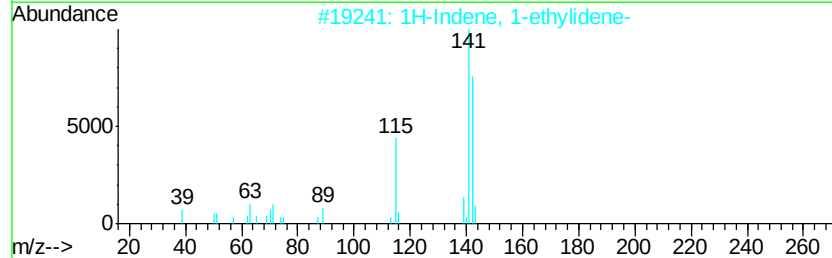
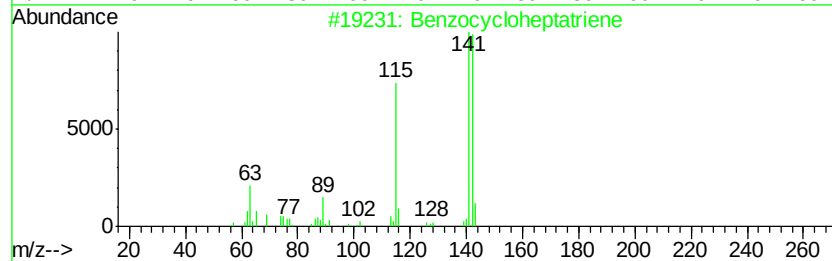
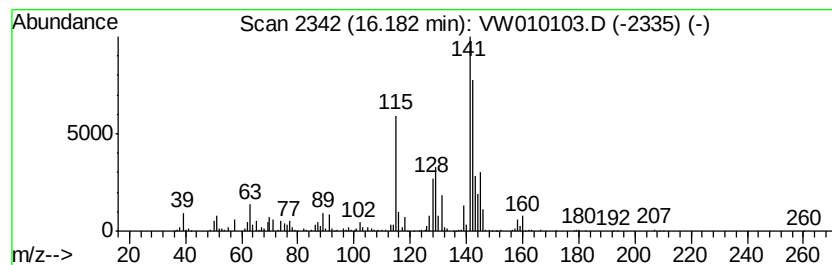
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Quant Title : VOC Analysis

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

Peak Number 40 Benzocycloheptatriene Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	3.96 ug/L	411605	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzocycloheptatriene	142	C11H10	000264-09-5	90
2		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	86
3		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	86
4		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	86
5		Benzocycloheptatriene	142	C11H10	000264-09-5	70



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042319\
 Data File : VW010103.D
 Acq On : 23 Apr 2019 18:31
 Operator : SY/VA
 Sample : K2481-18
 Misc : 5.09G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHX1

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	9.9	ug/L	1026820	3	13.56	2595520	25.0
.alpha.-Methylsty...	13.12	7.3	ug/L	762557	3	13.56	2595520	25.0
Benzene, 1,2,3-tr...	13.26	33.3	ug/L	3460500	3	13.56	2595520	25.0
Benzene, 1-etheny...	13.30	46.6	ug/L	4836700	3	13.56	2595520	25.0
Indane	13.63	6.7	ug/L	691503	3	13.56	2595520	25.0
Benzene, (2-methy...	13.72	2.0	ug/L	207699	3	13.56	2595520	25.0
Benzene, 2-ethyl-...	13.79	4.2	ug/L	437786	3	13.56	2595520	25.0
Indene	13.94	101.7	ug/L	10561400	3	13.56	2595520	25.0
Benzene, 4-ethyl-...	14.02	2.4	ug/L	243854	3	13.56	2595520	25.0
Benzene, 1-methyl...	14.07	6.2	ug/L	640166	3	13.56	2595520	25.0
Benzene, 1-ethyl-...	14.10	3.5	ug/L	368821	3	13.56	2595520	25.0
Benzene, 1-etheny...	14.15	10.6	ug/L	1099130	3	13.56	2595520	25.0
Benzene, 2-etheny...	14.24	35.9	ug/L	3721850	3	13.56	2595520	25.0
2,4-Dimethylstyrene	14.29	8.7	ug/L	905746	3	13.56	2595520	25.0
o-Cymene	14.34	1.7	ug/L	178796	3	13.56	2595520	25.0
Benzene, 1,3-diet...	14.47	20.0	ug/L	2079320	3	13.56	2595520	25.0
Benzene, 1-etheny...	14.56	28.8	ug/L	2988010	3	13.56	2595520	25.0
Benzene, 1,4-diet...	14.60	4.1	ug/L	425395	3	13.56	2595520	25.0
Benzene, 1,2,4,5-...	14.80	22.2	ug/L	2309290	3	13.56	2595520	25.0
2-Methylindene	14.88	111.1	ug/L	11535400	3	13.56	2595520	25.0
Benzene, (1-methy...	14.96	123.9	ug/L	12867200	3	13.56	2595520	25.0
Cycloprop[a]inden...	15.06	16.0	ug/L	1658960	3	13.56	2595520	25.0
Benzene, 1-cyclop...	15.12	6.8	ug/L	708871	3	13.56	2595520	25.0
Benzene, (2-methy...	15.19	6.7	ug/L	694748	3	13.56	2595520	25.0
unknown-01	15.32	14.3	ug/L	1479800	3	13.56	2595520	25.0
Benzo[c]thiophene	15.47	9.7	ug/L	1009460	3	13.56	2595520	25.0
(DEL) Alkane: Str...	15.56	2.1	ug/L	213806	3	13.56	2595520	25.0
1H-Indene, 1-ethe...	15.66	7.0	ug/L	721060	3	13.56	2595520	25.0
1H-Indene, 1,3-di...	15.80	9.4	ug/L	977077	3	13.56	2595520	25.0
Benzocycloheptatr...	16.18	4.0	ug/L	411605	3	13.56	2595520	25.0