

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
 Data File : VW018582.D
 Acq On : 07 Apr 2021 15:42
 Operator : SY/VA
 Sample : M1881-10RE
 Misc : 4.90G/10ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ESQG7RE

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M

Title : VOC Analysis

Signal : TIC: VW018582.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.160	37	42	47	rBV4	5472	13200	1.01%	0.107%
2	2.355	67	74	84	rBV	111478	220576	16.88%	1.781%
3	2.495	94	97	104	rVB2	7374	12430	0.95%	0.100%
4	2.891	155	162	176	rBV	80745	199030	15.23%	1.607%
5	3.300	223	229	236	rVB5	2207	4165	0.32%	0.034%
6	3.385	236	243	250	rBV5	3283	9189	0.70%	0.074%
7	3.593	274	277	283	rVB4	1244	2171	0.17%	0.018%
8	4.019	336	347	358	rBV2	134205	419657	32.11%	3.388%
9	4.123	358	364	379	rVB	40803	113454	8.68%	0.916%
10	4.403	399	410	418	rBV6	4081	16160	1.24%	0.130%
11	4.915	482	494	508	rBV3	11878	48572	3.72%	0.392%
12	5.421	571	577	578	rBV4	1941	2494	0.19%	0.020%
13	5.781	627	636	648	rBV4	5495	19156	1.47%	0.155%
14	5.946	654	663	671	rBV5	4678	13988	1.07%	0.113%
15	6.988	828	834	835	rBV5	1187	1943	0.15%	0.016%
16	7.080	840	849	858	rVV2	37067	107053	8.19%	0.864%
17	7.177	859	865	879	rVV2	20298	60816	4.65%	0.491%
18	7.647	931	942	955	rBV	218745	534603	40.91%	4.316%
19	7.945	983	991	1000	rBV8	3278	8246	0.63%	0.067%
20	8.031	1000	1005	1006	rBV4	1530	1807	0.14%	0.015%
21	8.275	1030	1045	1062	rBV2	418286	1274371	97.52%	10.289%
22	8.567	1087	1093	1095	rBV4	1976	3287	0.25%	0.027%
23	8.695	1108	1114	1126	rVB7	2594	7287	0.56%	0.059%
24	8.842	1129	1138	1149	rBV	530933	1049312	80.30%	8.472%
25	9.073	1171	1176	1177	rBV4	2239	3381	0.26%	0.027%
26	9.274	1200	1209	1225	rBV	288246	594252	45.47%	4.798%
27	9.604	1258	1263	1265	rBV3	1420	2135	0.16%	0.017%
28	9.750	1283	1287	1295	rVB4	2610	4491	0.34%	0.036%
29	9.927	1310	1316	1320	rBV6	3210	6705	0.51%	0.054%
30	10.037	1325	1334	1346	rBV	142355	264628	20.25%	2.137%
31	10.207	1359	1362	1366	rVV5	953	1468	0.11%	0.012%
32	10.323	1372	1381	1389	rBV	544773	974349	74.56%	7.867%
33	10.384	1389	1391	1397	rVV2	11177	18700	1.43%	0.151%
34	10.506	1405	1411	1417	rBV8	4755	12241	0.94%	0.099%
35	10.579	1417	1423	1433	rVV2	86210	158607	12.14%	1.281%
36	10.664	1435	1437	1441	rVV5	2238	3526	0.27%	0.028%

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 Title : VOC Analysis

37	10.701	1441	1443	1447	rVB2	2420	3001	0.23%	0.024%
38	10.860	1464	1469	1472	rVB7	1846	3220	0.25%	0.026%
39	10.927	1472	1480	1493	rBV	141505	245885	18.82%	1.985%
40	11.073	1501	1504	1507	rBV5	2214	3296	0.25%	0.027%
41	11.177	1517	1521	1525	rVV6	2305	4766	0.36%	0.038%
42	11.231	1525	1530	1535	rVV2	7304	14024	1.07%	0.113%
43	11.280	1535	1538	1541	rVV5	1948	3054	0.23%	0.025%
44	11.335	1544	1547	1553	rVB6	2703	4754	0.36%	0.038%
45	11.439	1559	1564	1571	rVB6	2974	5879	0.45%	0.047%
46	11.512	1571	1576	1579	rBV4	2379	3489	0.27%	0.028%
47	11.634	1588	1596	1606	rBV	592561	1017840	77.89%	8.218%
48	11.731	1606	1612	1615	rVB6	3782	6658	0.51%	0.054%
49	11.841	1622	1630	1634	rBV2	12633	26064	1.99%	0.210%
50	11.969	1649	1651	1654	rBV2	1457	2030	0.16%	0.016%
51	12.036	1660	1662	1669	rVB6	2892	3853	0.29%	0.031%
52	12.164	1672	1683	1691	rBV2	15918	38150	2.92%	0.308%
53	12.341	1707	1712	1722	rVB7	6073	16905	1.29%	0.136%
54	12.463	1726	1732	1738	rVV	16485	25848	1.98%	0.209%
55	12.609	1751	1756	1763	rVB6	4840	9638	0.74%	0.078%
56	12.688	1763	1769	1777	rBV	195950	337879	25.86%	2.728%
57	12.786	1777	1785	1793	rVB6	8527	23547	1.80%	0.190%
58	12.871	1793	1799	1802	rBV	9614	18851	1.44%	0.152%
59	12.945	1807	1811	1818	rVB5	12466	23683	1.81%	0.191%
60	13.036	1824	1826	1831	rBV5	3394	5834	0.45%	0.047%
61	13.103	1831	1837	1844	rVB	18429	33850	2.59%	0.273%
62	13.164	1844	1847	1848	rBV3	2660	2516	0.19%	0.020%
63	13.255	1857	1862	1866	rBV3	12089	22591	1.73%	0.182%
64	13.383	1877	1883	1888	rBV4	8898	19976	1.53%	0.161%
65	13.493	1898	1901	1905	rBV2	3796	5134	0.39%	0.041%
66	13.554	1905	1911	1920	rBV	377727	644661	49.33%	5.205%
67	13.713	1934	1937	1938	rBV3	4488	4418	0.34%	0.036%
68	13.755	1939	1944	1953	rVV	171076	287101	21.97%	2.318%
69	13.853	1953	1960	1969	rVB	267430	451810	34.57%	3.648%
70	13.944	1971	1975	1981	rVB2	8553	11985	0.92%	0.097%
71	14.005	1982	1985	1990	rBV3	7986	11465	0.88%	0.093%
72	14.091	1992	1999	2006	rVB5	17180	36688	2.81%	0.296%
73	14.152	2006	2009	2013	rBV3	6981	10994	0.84%	0.089%
74	14.206	2013	2018	2023	rVB	67423	107274	8.21%	0.866%
75	14.261	2023	2027	2028	rBV4	1975	2740	0.21%	0.022%
76	14.335	2033	2039	2043	rBV6	8844	17138	1.31%	0.138%

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77	14.383	2044	2047	2048	rBV3	8320	7972	0.61%	0.064%
78	14.414	2049	2052	2056	rVV2	16477	24791	1.90%	0.200%
79	14.456	2056	2059	2062	rVV	12768	16553	1.27%	0.134%
80	14.487	2062	2064	2069	rVB5	8587	13499	1.03%	0.109%
81	14.536	2069	2072	2082	rVB6	7721	19502	1.49%	0.157%
82	14.633	2085	2088	2089	rBV3	2238	2670	0.20%	0.022%
83	14.688	2091	2097	2107	rVB	59040	105111	8.04%	0.849%
84	14.804	2108	2116	2122	rBV2	133391	257443	19.70%	2.079%
85	14.871	2123	2127	2132	rVB7	7230	13173	1.01%	0.106%
86	14.956	2136	2141	2149	rBV9	9839	22363	1.71%	0.181%
87	15.060	2150	2158	2162	rBV6	20858	46624	3.57%	0.376%
88	15.176	2168	2177	2185	rVB5	25635	78468	6.00%	0.634%
89	15.279	2191	2194	2197	rBV5	5606	9327	0.71%	0.075%
90	15.359	2202	2207	2214	rVB	52111	94348	7.22%	0.762%
91	15.468	2220	2225	2231	rBV9	11003	25294	1.94%	0.204%
92	15.651	2248	2255	2262	rBV2	21769	42464	3.25%	0.343%
93	15.822	2277	2283	2293	rBV3	17656	42846	3.28%	0.346%
94	15.950	2298	2304	2307	rBV4	11387	24202	1.85%	0.195%
95	16.023	2312	2316	2329	rVB3	16607	38902	2.98%	0.314%
96	16.170	2334	2340	2346	rBV7	6180	12728	0.97%	0.103%
97	16.243	2350	2352	2354	rBV3	1140	1434	0.11%	0.012%
98	16.377	2364	2374	2377	rBV	18318	43705	3.34%	0.353%
99	16.438	2377	2384	2397	rVB	205865	429291	32.85%	3.466%
100	16.639	2408	2417	2427	rBV	603897	1306789	100.00%	10.551%

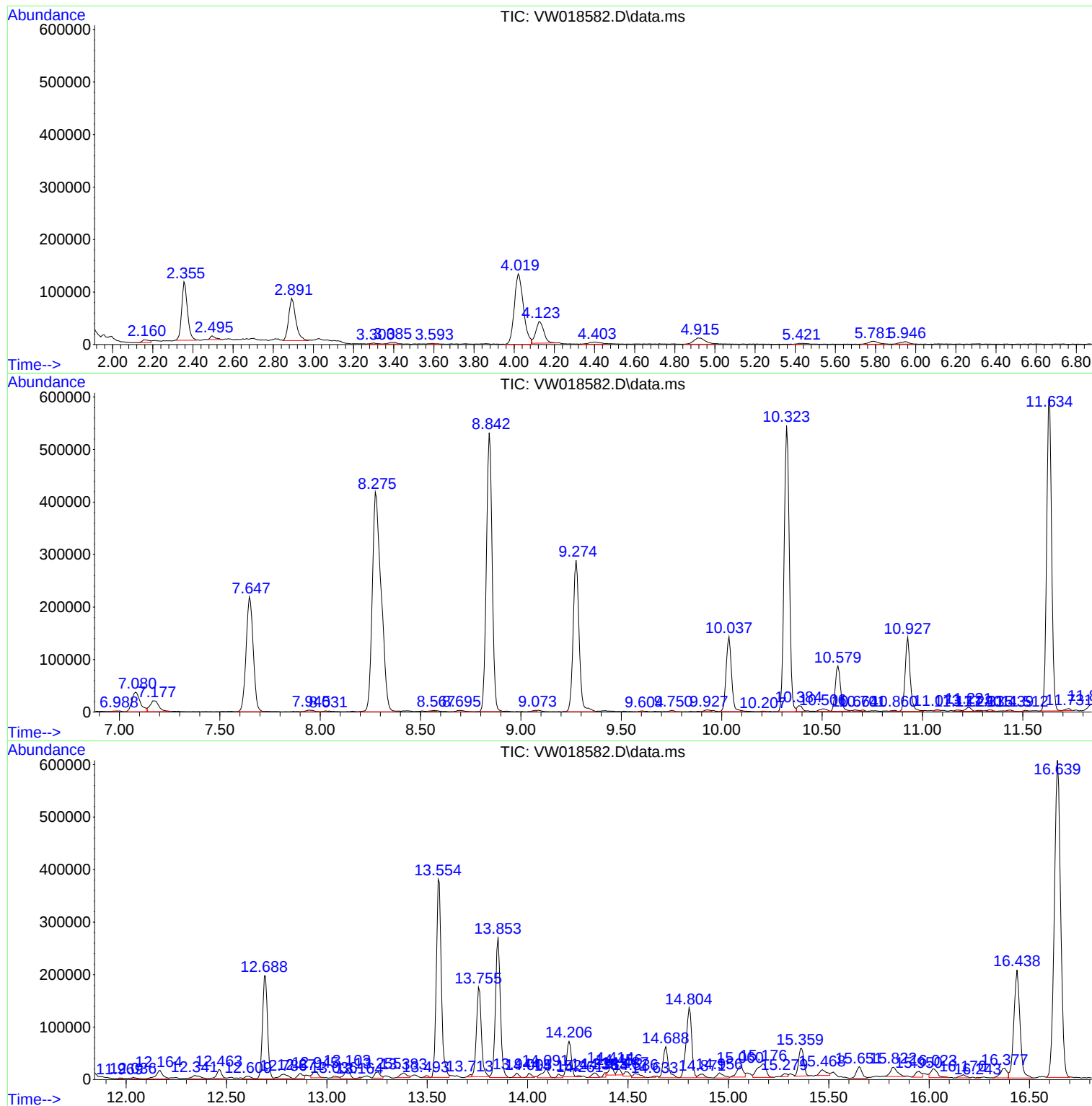
Sum of corrected areas: 12385438

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

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



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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ESQG7RE

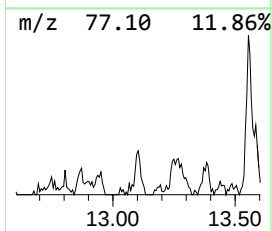
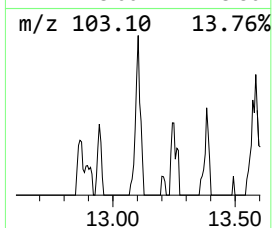
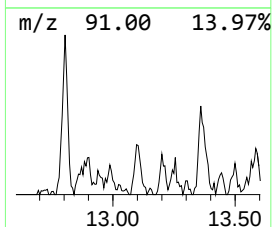
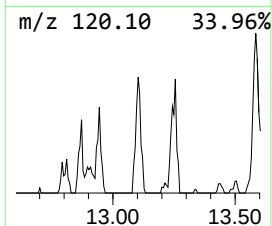
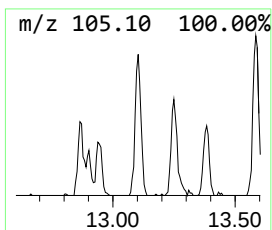
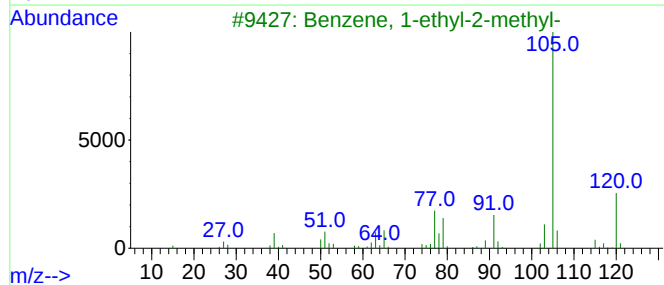
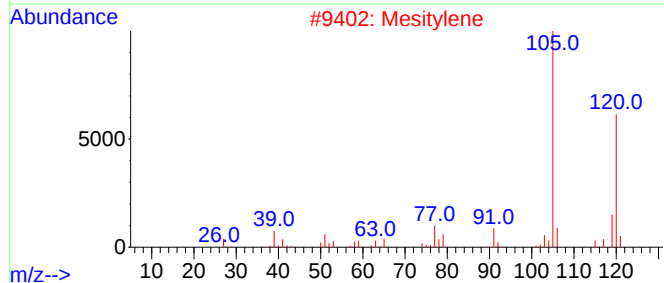
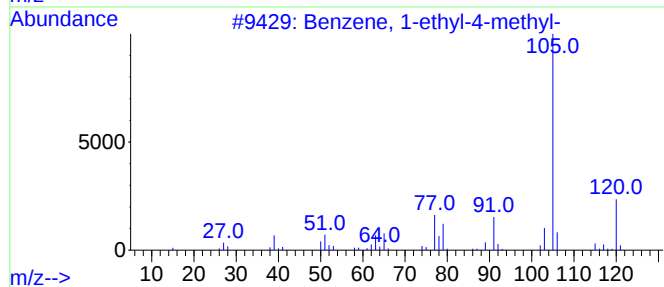
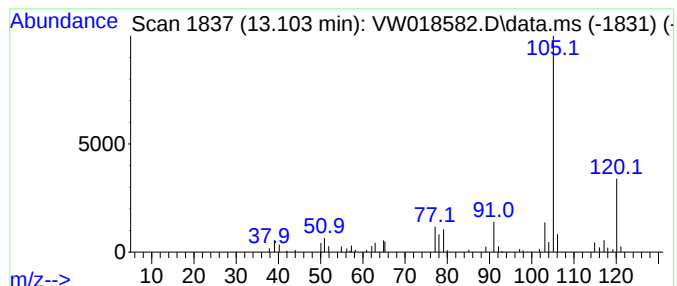
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	1.31 ug/L	33850	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
2			Mesitylene	120	C9H12	000108-67-8	90
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87



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Instrument :
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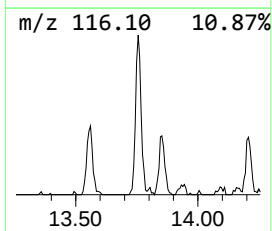
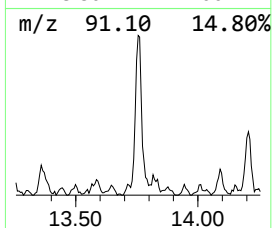
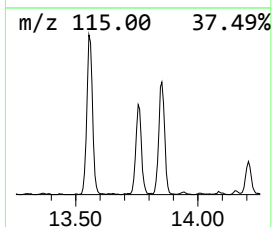
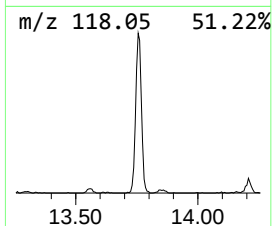
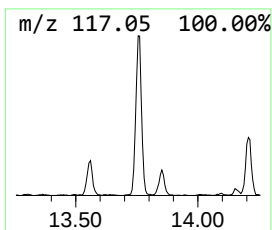
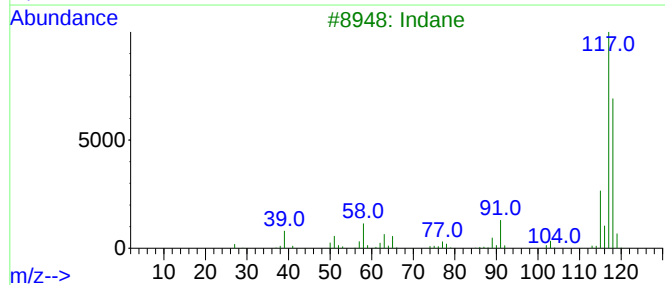
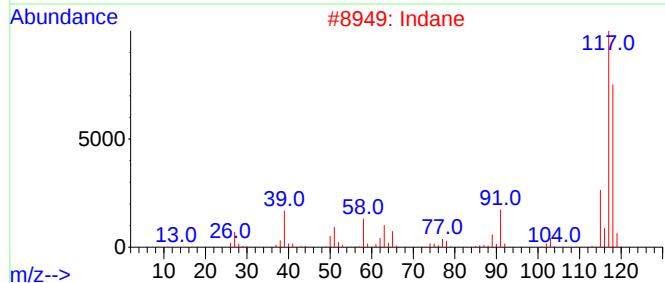
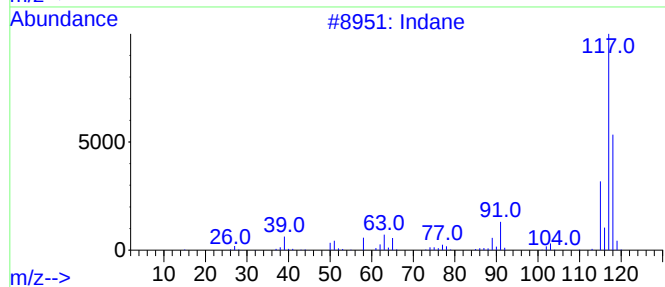
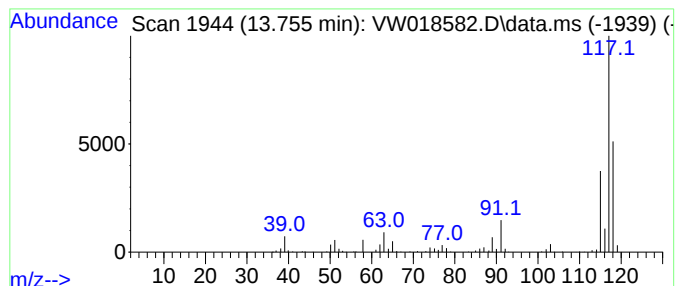
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Quant Title : VOC Analysis

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

Peak Number 3 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.755	11.13 ug/L	287101	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane			118	C9H10	000496-11-7	93
2	Indane			118	C9H10	000496-11-7	83
3	Indane			118	C9H10	000496-11-7	81
4	1,4:5,8-Dimethanobiphenylene, 1,...			184	C14H16	001624-13-1	64
5	Deltacyclene			118	C9H10	007785-10-6	64



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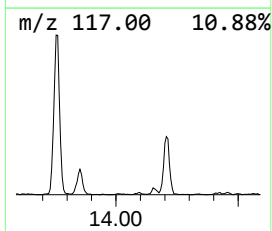
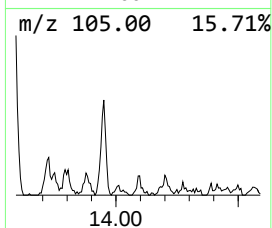
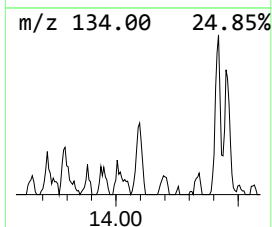
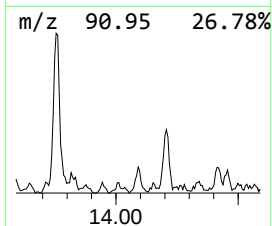
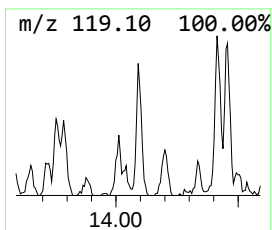
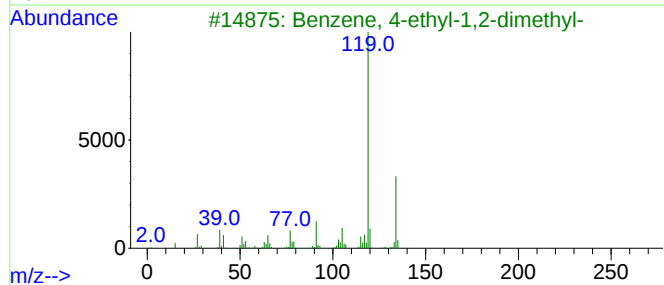
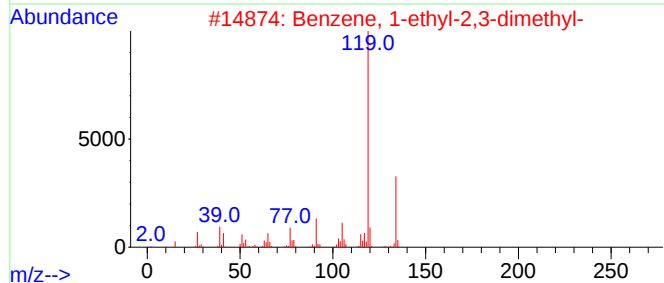
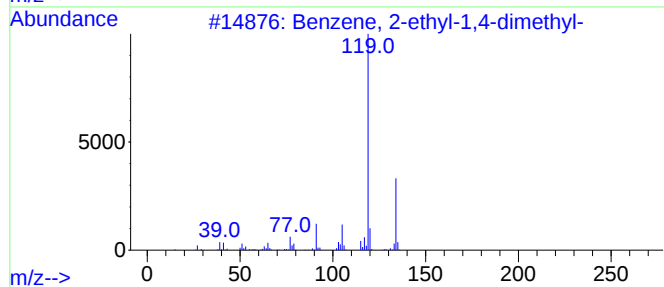
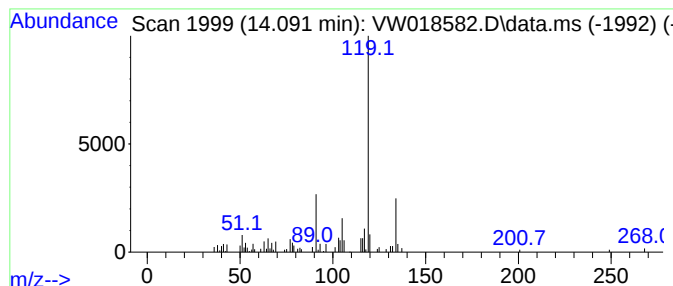
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	1.42 ug/L	36688	1,4-Dichlorobenzene-d4	13.554

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018582.D
Acq On : 07 Apr 2021 15:42
Operator : SY/VA
Sample : M1881-10RE
Misc : 4.90G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ESQG7RE

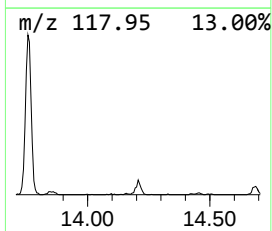
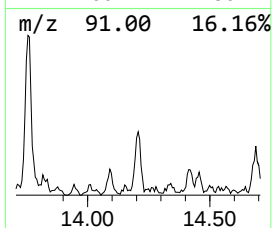
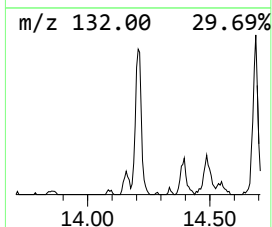
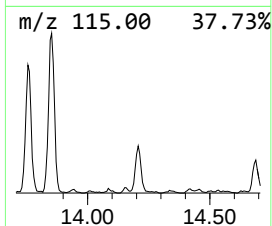
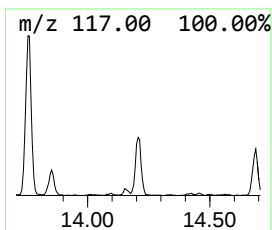
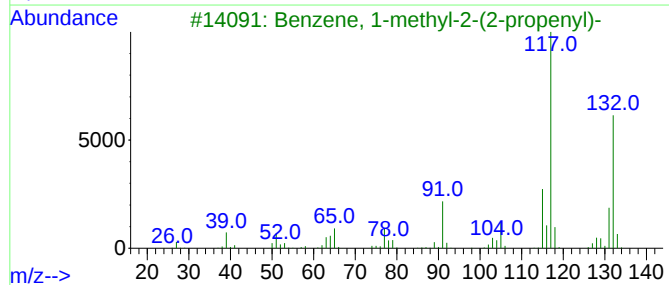
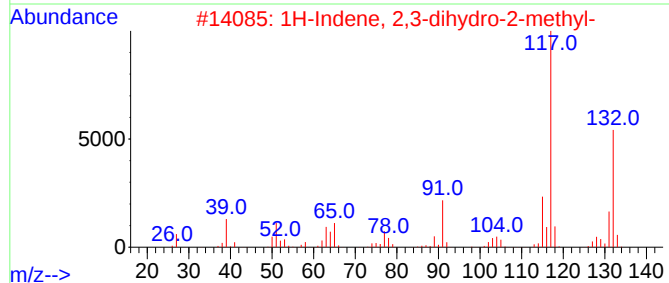
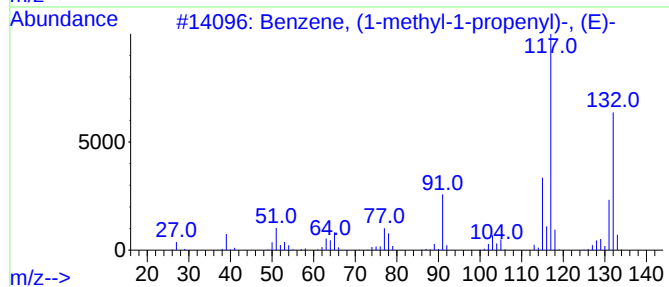
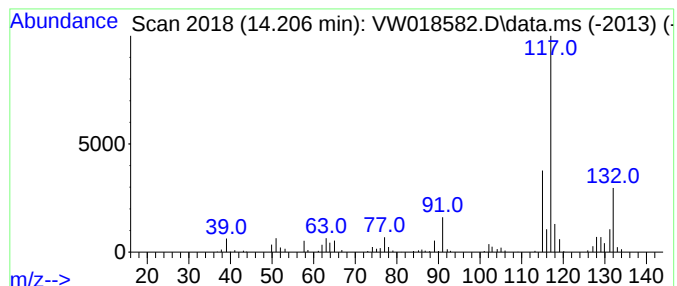
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Quant Title : VOC Analysis

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

Peak Number 5 Benzene, (1-methyl-1-propen... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.207	4.16 ug/L	107274	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
2			1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	86
3			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	86
4			Indan, 1-methyl-	132	C10H12	000767-58-8	81
5			Indan, 1-methyl-	132	C10H12	000767-58-8	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018582.D
Acq On : 07 Apr 2021 15:42
Operator : SY/VA
Sample : M1881-10RE
Misc : 4.90G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ESQG7RE

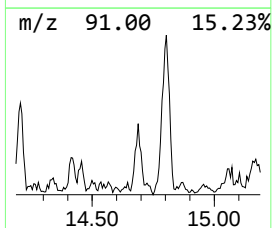
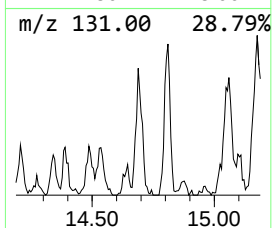
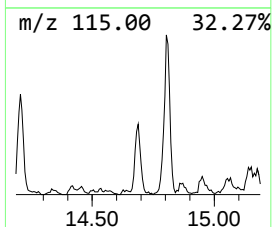
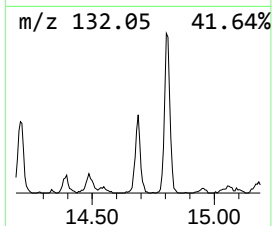
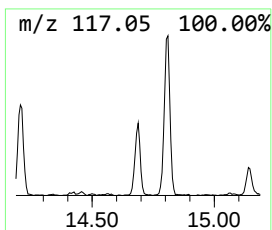
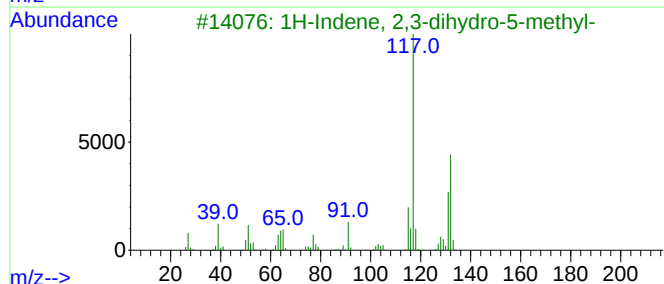
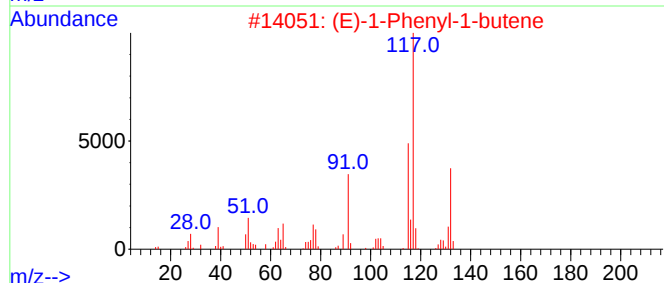
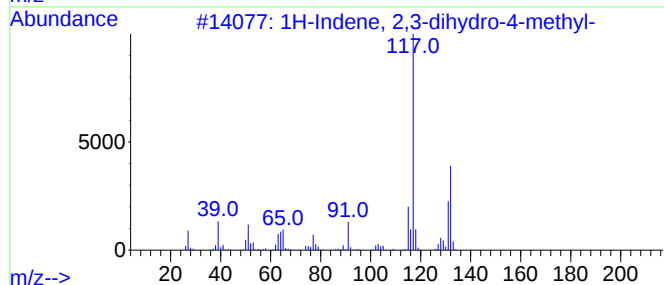
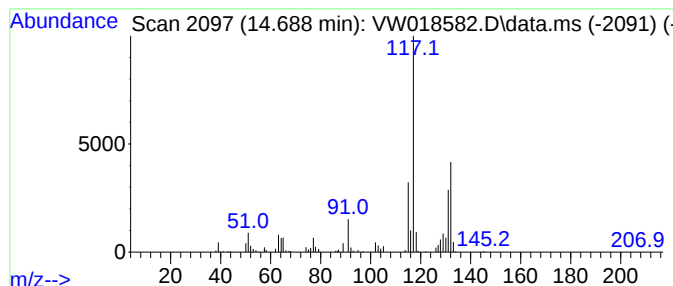
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Quant Title : VOC Analysis

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

Peak Number 6 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.688	4.08 ug/L	105111	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
2			(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	87
3			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018582.D
Acq On : 07 Apr 2021 15:42
Operator : SY/VA
Sample : M1881-10RE
Misc : 4.90G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ESQG7RE

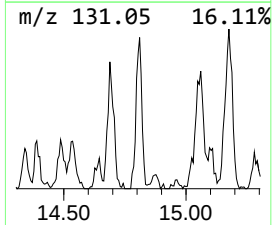
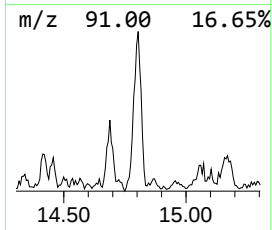
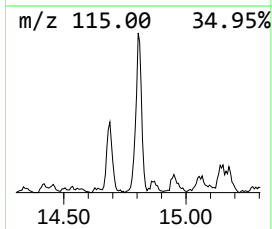
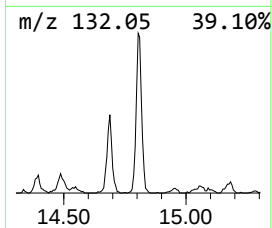
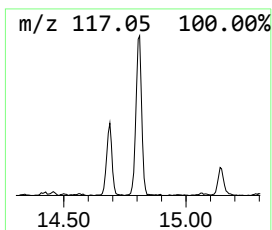
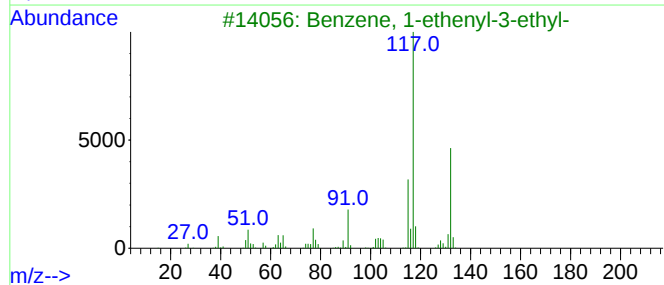
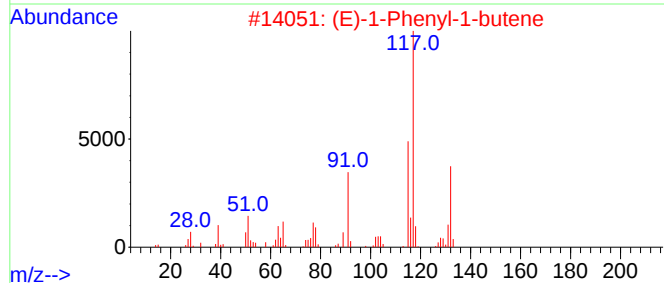
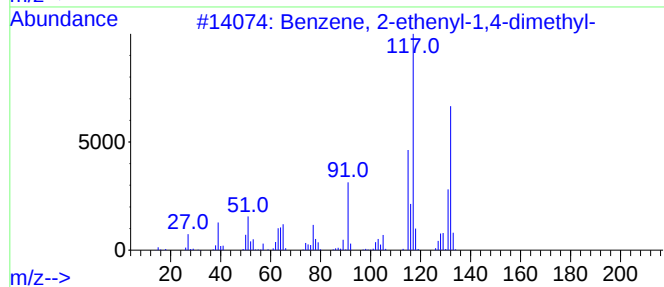
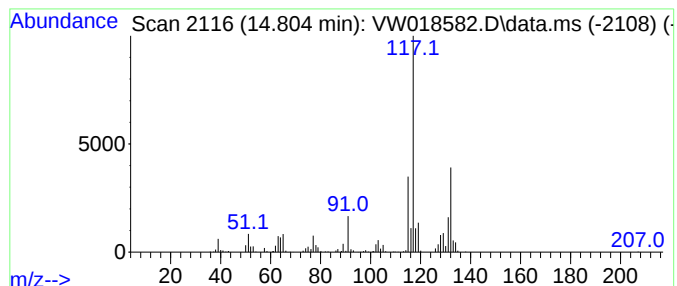
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Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.804	9.98 ug/L	257443	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2			(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	93
3			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
4			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90
5			1-Phenyl-1-butene	132	C10H12	000824-90-8	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018582.D
Acq On : 07 Apr 2021 15:42
Operator : SY/VA
Sample : M1881-10RE
Misc : 4.90G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ESQG7RE

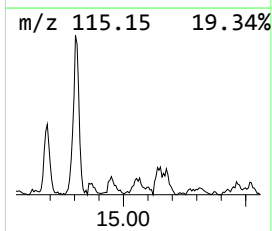
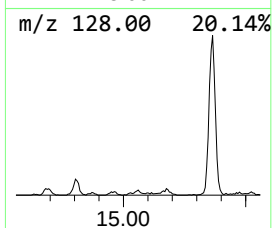
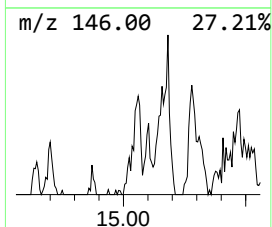
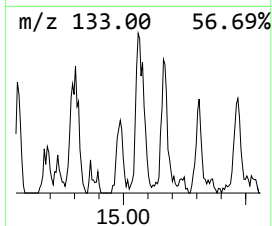
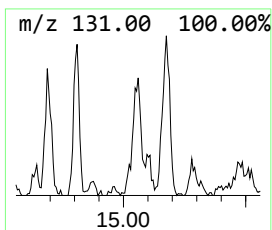
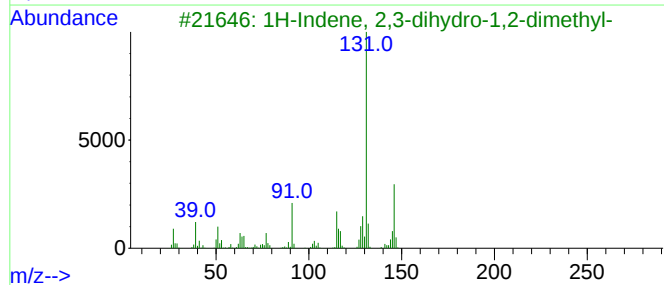
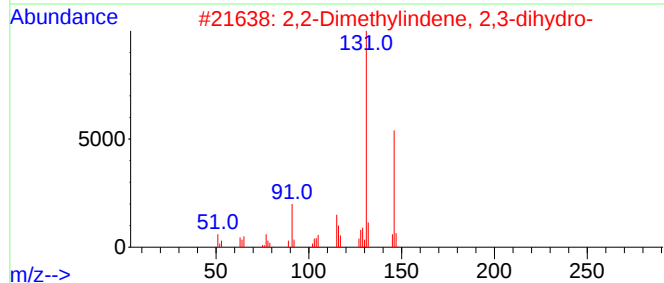
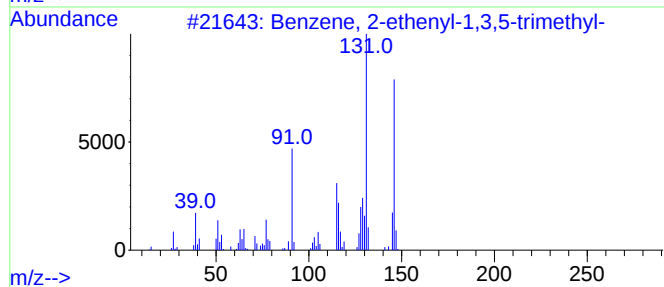
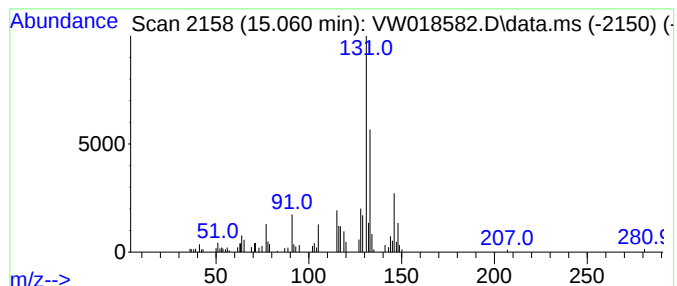
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Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	1.81 ug/L	46624	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	70
2			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
3			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
4			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018582.D
Acq On : 07 Apr 2021 15:42
Operator : SY/VA
Sample : M1881-10RE
Misc : 4.90G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ESQG7RE

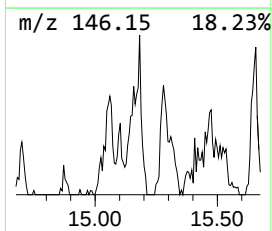
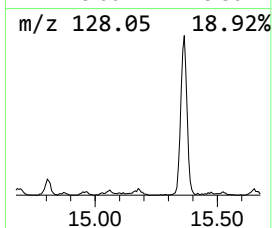
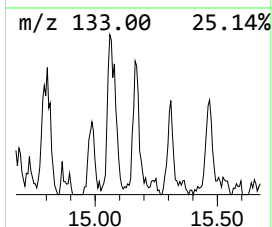
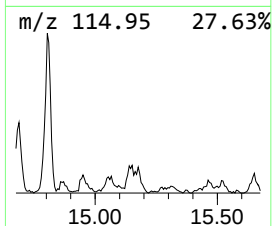
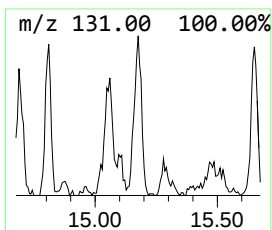
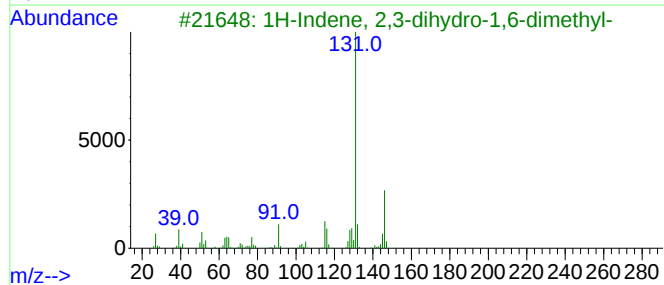
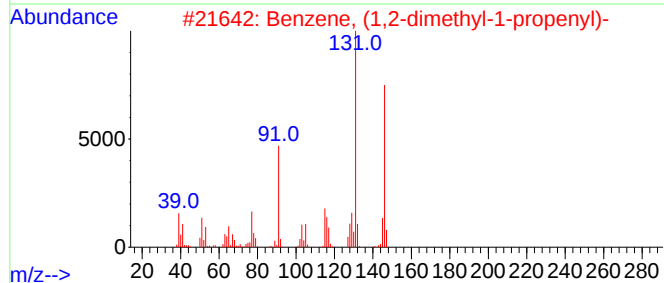
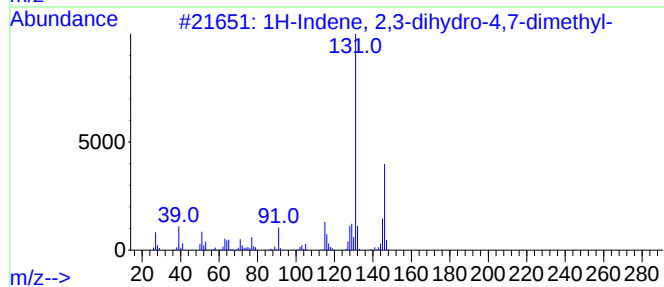
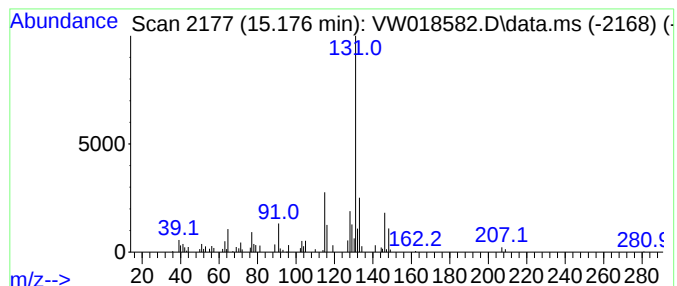
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Quant Title : VOC Analysis

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

Peak Number 9 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.176	3.04 ug/L	78468	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83
2			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70
3			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	68
4			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	68
5			Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018582.D
Acq On : 07 Apr 2021 15:42
Operator : SY/VA
Sample : M1881-10RE
Misc : 4.90G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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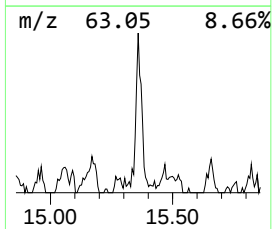
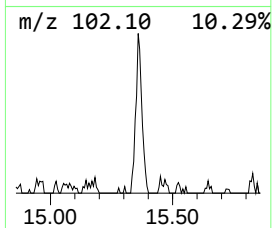
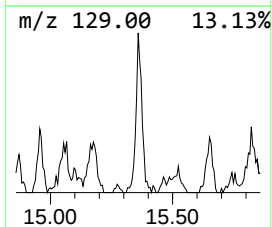
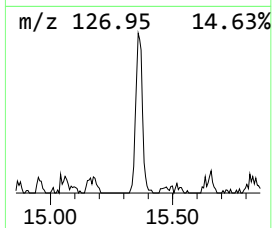
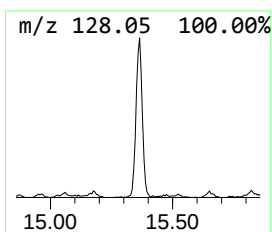
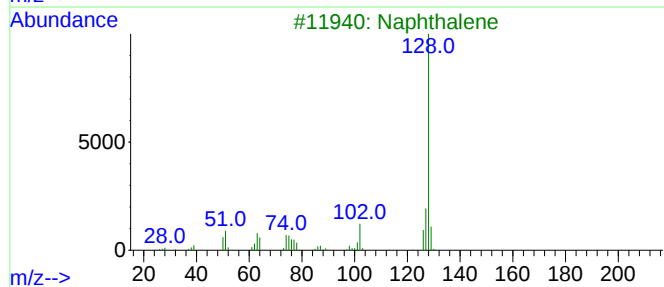
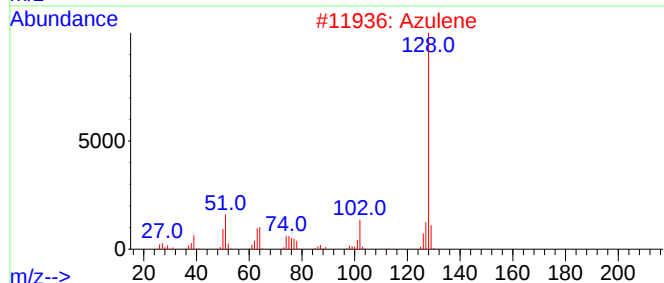
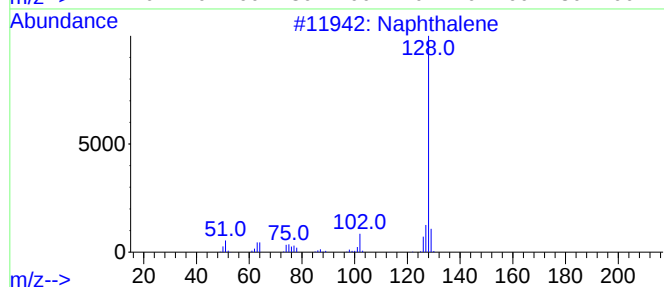
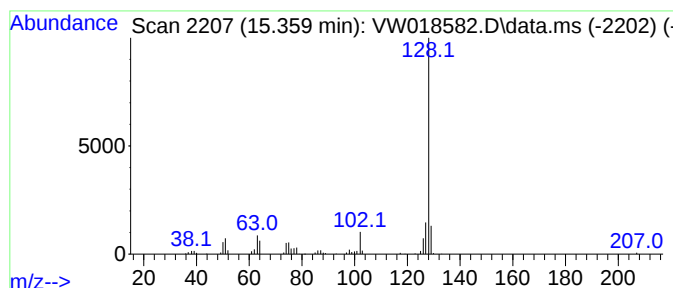
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Quant Title : VOC Analysis

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

Peak Number 10 Azulene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.359	3.66 ug/L	94348	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	93
2			Azulene	128	C10H8	000275-51-4	91
3			Naphthalene	128	C10H8	000091-20-3	90
4			Naphthalene	128	C10H8	000091-20-3	90
5			Azulene	128	C10H8	000275-51-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018582.D
Acq On : 07 Apr 2021 15:42
Operator : SY/VA
Sample : M1881-10RE
Misc : 4.90G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ESQG7RE

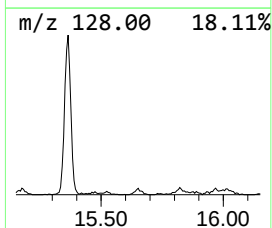
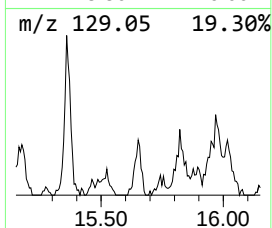
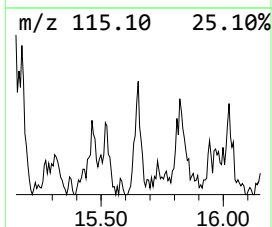
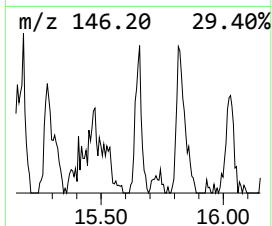
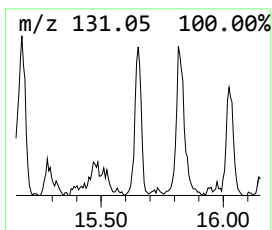
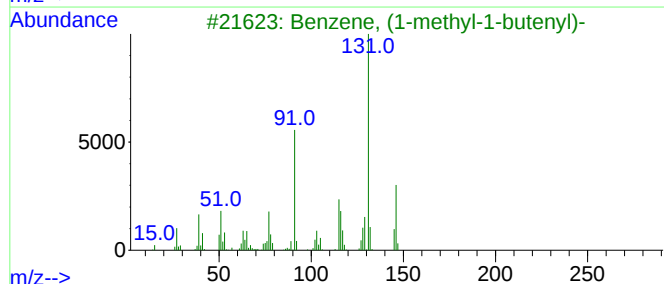
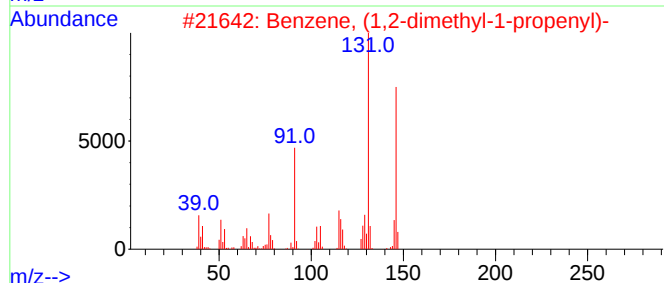
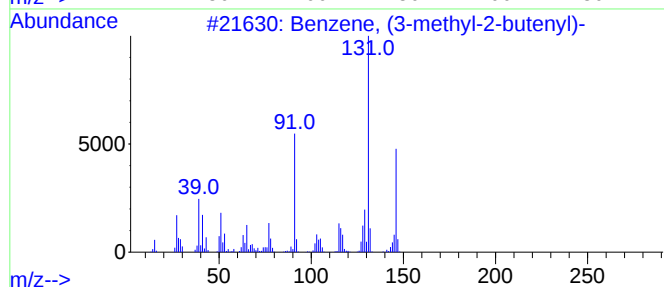
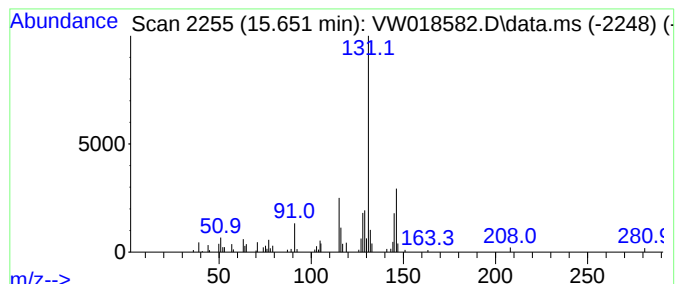
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Quant Title : VOC Analysis

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

Peak Number 11 Benzene, (3-methyl-2-butenyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	1.65 ug/L	42464	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
2			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
3			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	78
4			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	76
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018582.D
Acq On : 07 Apr 2021 15:42
Operator : SY/VA
Sample : M1881-10RE
Misc : 4.90G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ESQG7RE

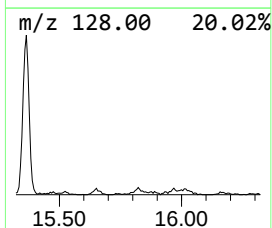
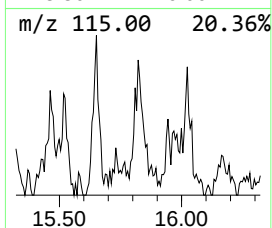
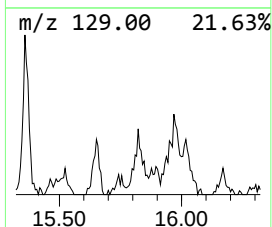
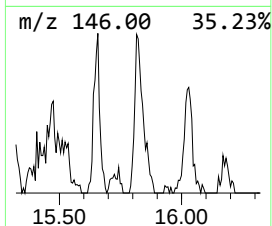
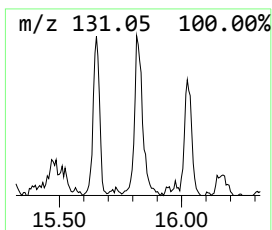
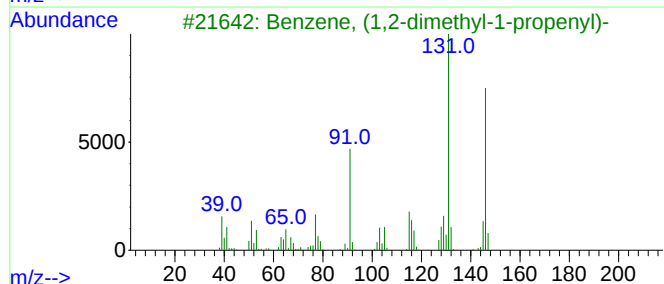
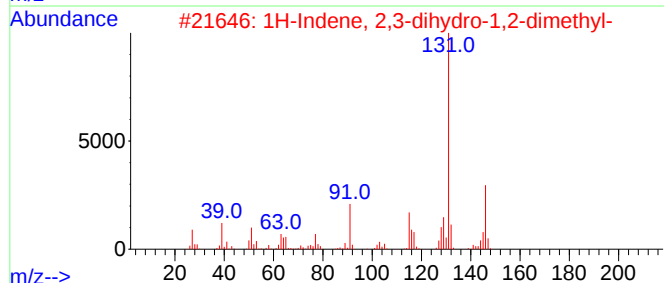
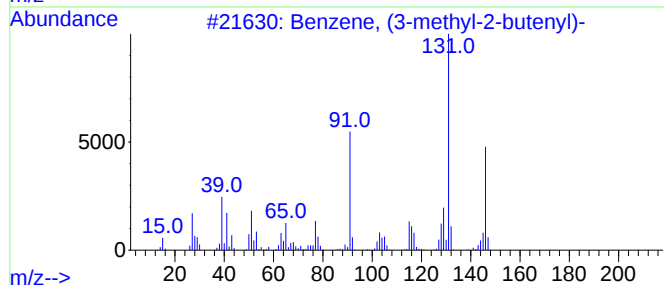
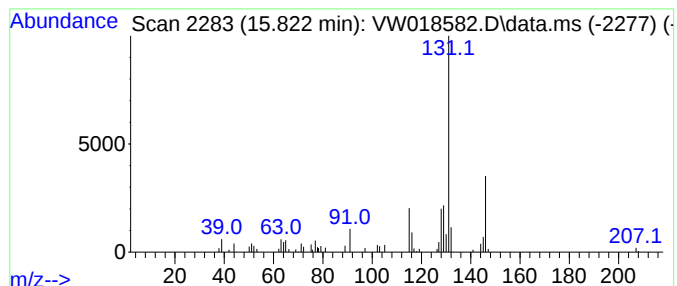
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.822	1.66 ug/L	42846	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	87
2			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
3			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	74
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018582.D
Acq On : 07 Apr 2021 15:42
Operator : SY/VA
Sample : M1881-10RE
Misc : 4.90G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ESQG7RE

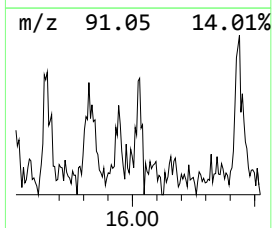
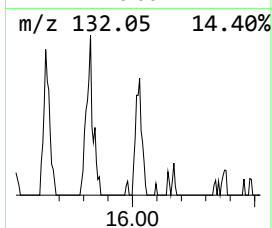
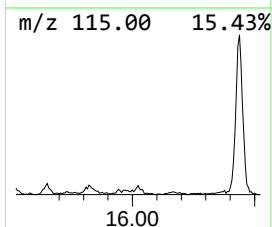
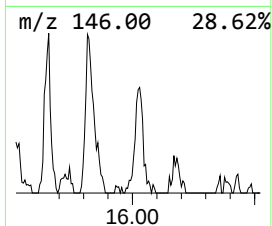
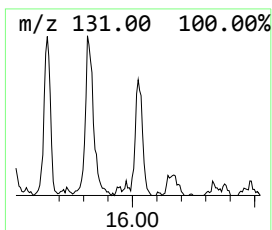
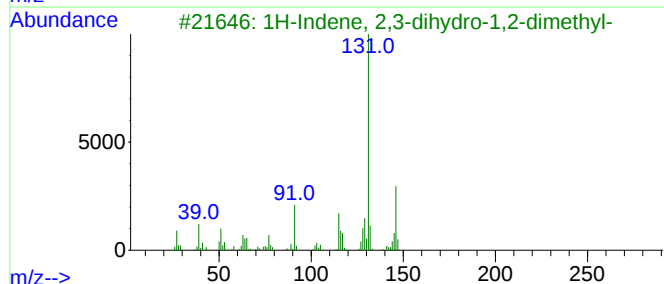
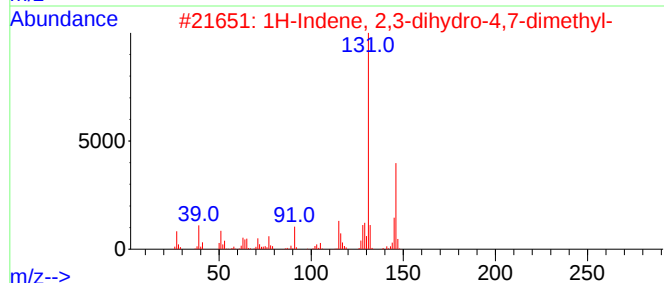
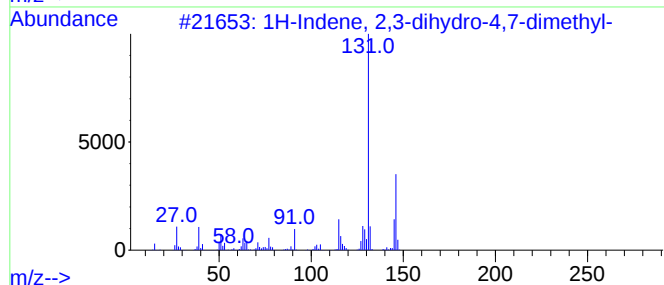
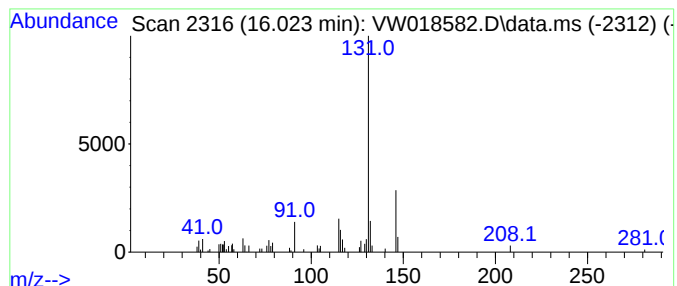
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Quant Title : VOC Analysis

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

Peak Number 13 2,2-Dimethylindene, 2,3-dih... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.023	1.51 ug/L	38902	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
3			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
4			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018582.D
Acq On : 07 Apr 2021 15:42
Operator : SY/VA
Sample : M1881-10RE
Misc : 4.90G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ESQG7RE

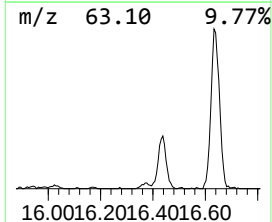
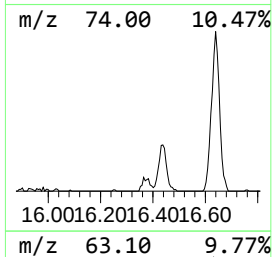
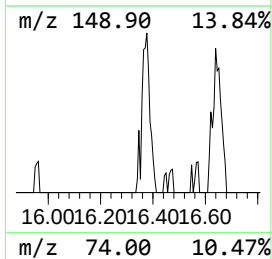
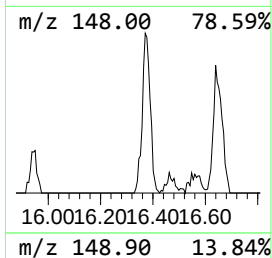
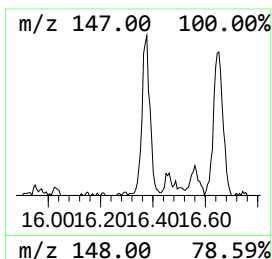
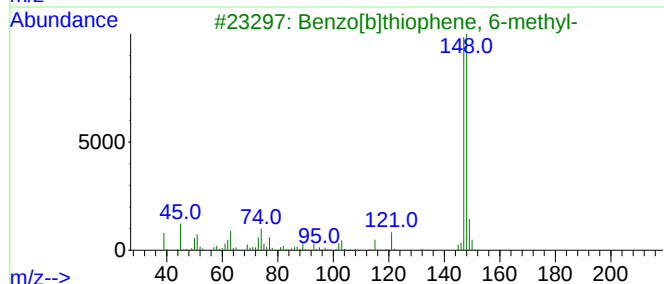
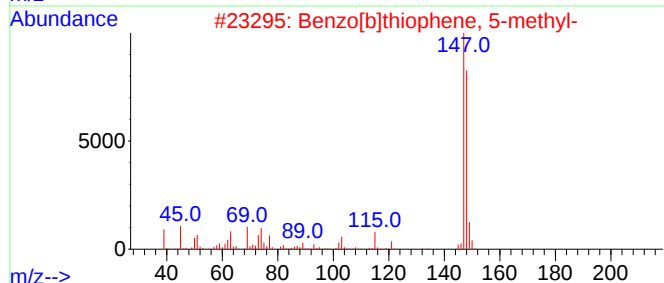
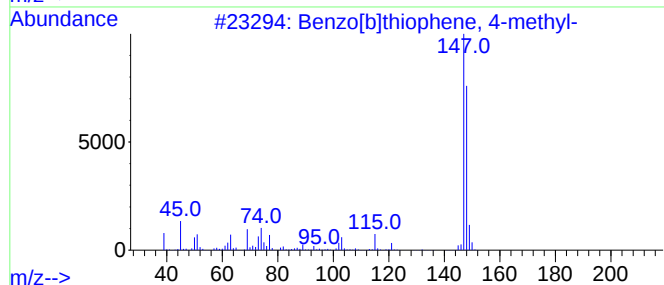
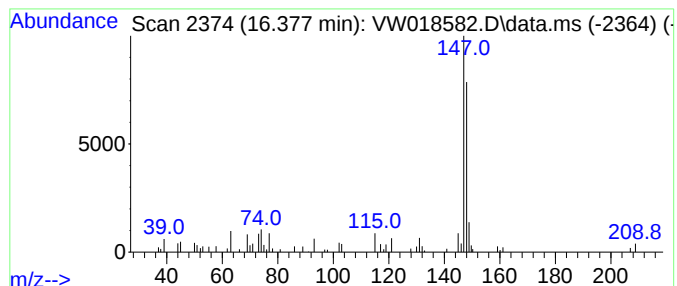
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Quant Title : VOC Analysis

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

Peak Number 14 Benzo[b]thiophene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.377	1.69 ug/L	43705	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	90
2			Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	90
3			Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	90
4			Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	87
5			Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018582.D
Acq On : 07 Apr 2021 15:42
Operator : SY/VA
Sample : M1881-10RE
Misc : 4.90G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ESQG7RE

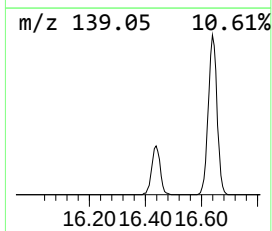
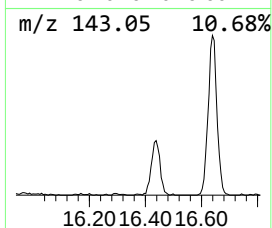
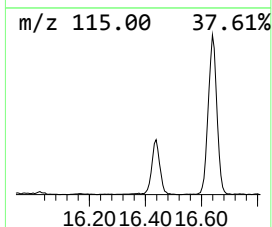
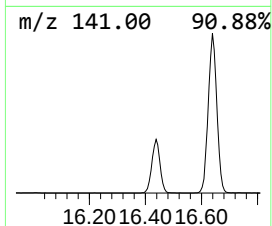
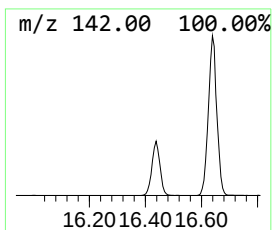
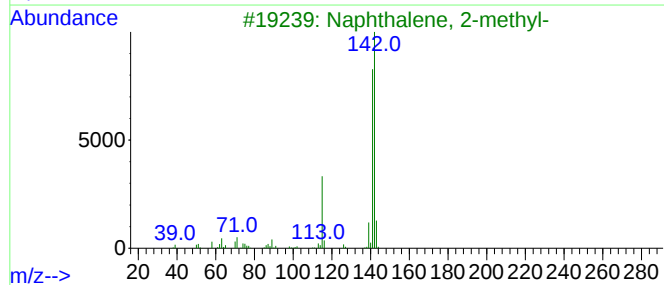
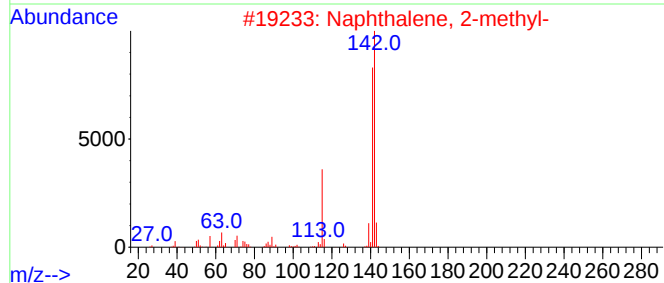
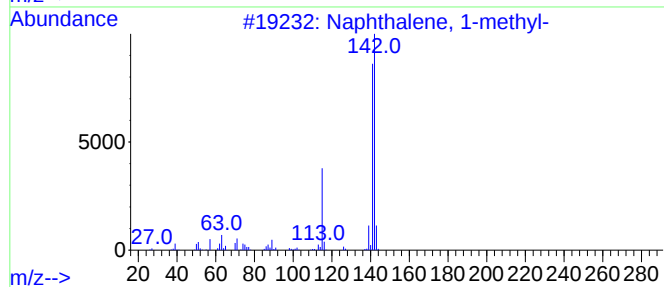
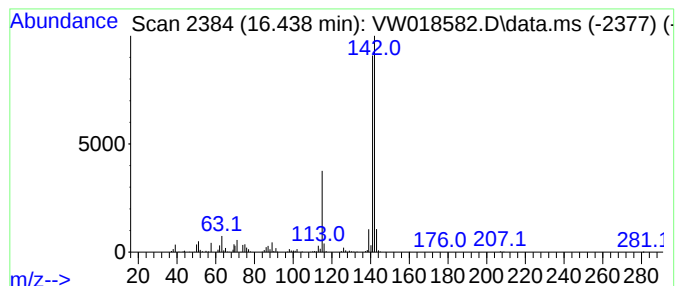
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Quant Title : VOC Analysis

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

Peak Number 15 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.438	16.65 ug/L	429291	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018582.D
Acq On : 07 Apr 2021 15:42
Operator : SY/VA
Sample : M1881-10RE
Misc : 4.90G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ESQG7RE

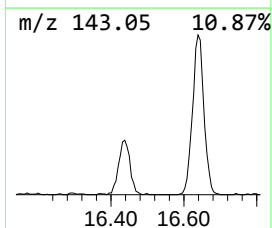
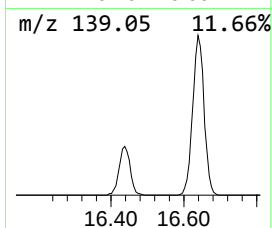
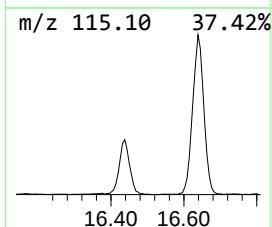
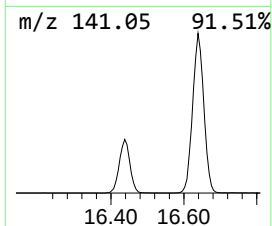
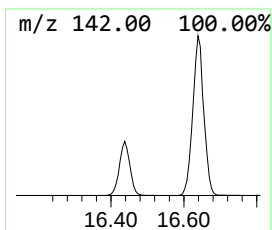
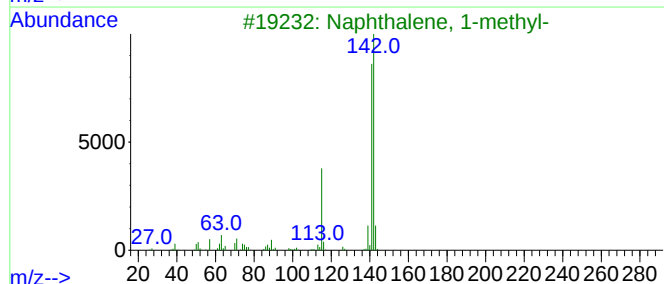
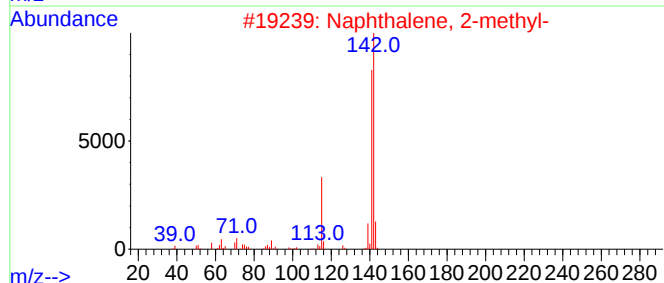
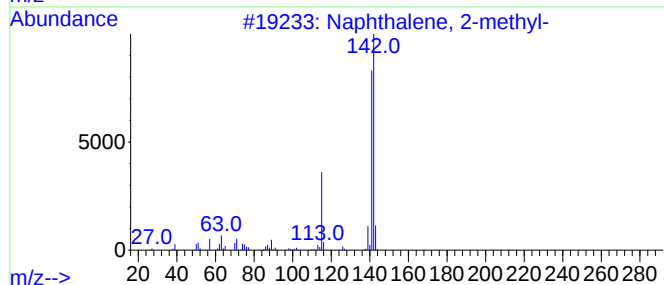
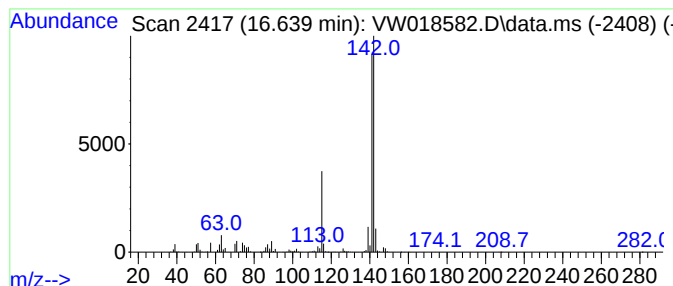
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Quant Title : VOC Analysis

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

Peak Number 16 1,4-Methanonaphthalene, 1,4... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	50.68 ug/L	1306790	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018582.D
Acq On : 07 Apr 2021 15:42
Operator : SY/VA
Sample : M1881-10RE
Misc : 4.90G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ESQG7RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.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-ethy...	13.103	1.3	ug/L	33850	3	13.554	644661	25.0
Indane	13.755	11.1	ug/L	287101	3	13.554	644661	25.0
Benzene, 2-ethy...	14.091	1.4	ug/L	36688	3	13.554	644661	25.0
Benzene, (1-met...	14.207	4.2	ug/L	107274	3	13.554	644661	25.0
1H-Indene, 2,3-...	14.688	4.1	ug/L	105111	3	13.554	644661	25.0
Benzene, 2-ethe...	14.804	10.0	ug/L	257443	3	13.554	644661	25.0
Benzene, 2-ethe...	15.060	1.8	ug/L	46624	3	13.554	644661	25.0
1H-Indene, 2,3-...	15.176	3.0	ug/L	78468	3	13.554	644661	25.0
Azulene	15.359	3.7	ug/L	94348	3	13.554	644661	25.0
Benzene, (3-met...	15.651	1.6	ug/L	42464	3	13.554	644661	25.0
1H-Indene, 2,3-...	15.822	1.7	ug/L	42846	3	13.554	644661	25.0
2,2-Dimethylind...	16.023	1.5	ug/L	38902	3	13.554	644661	25.0
Benzo[b]thiophe...	16.377	1.7	ug/L	43705	3	13.554	644661	25.0
Naphthalene, 1-...	16.438	16.6	ug/L	429291	3	13.554	644661	25.0
1,4-Methanonaph...	16.639	50.7	ug/L	1306790	3	13.554	644661	25.0