

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042319\
 Data File : VW010102.D
 Acq On : 23 Apr 2019 17:34
 Operator : SY/VA
 Sample : K2455-01
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHQ3

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	36	41	44	rBV3	6580	11565	0.33%	0.034%
2	2.355	68	74	87	rBV	88214	221315	6.40%	0.643%
3	2.891	155	162	177	rVB	75505	212130	6.13%	0.616%
4	3.824	313	315	316	rBV	2058	1772	0.05%	0.005%
5	3.916	329	330	333	rBV3	1086	1313	0.04%	0.004%
6	4.013	333	346	361	rBV2	220693	781391	22.59%	2.270%
7	4.257	383	386	388	rBV3	1195	1454	0.04%	0.004%
8	4.397	402	409	418	rVV3	6240	19383	0.56%	0.056%
9	4.470	418	421	424	rVV4	1074	1090	0.03%	0.003%
10	4.501	424	426	430	rVB4	1689	1877	0.05%	0.005%
11	4.531	430	431	434	rBV2	1030	1049	0.03%	0.003%
12	4.635	446	448	449	rBV2	1208	1041	0.03%	0.003%
13	4.678	451	455	456	rBV	2220	2116	0.06%	0.006%
14	4.702	457	459	463	rVB3	985	938	0.03%	0.003%
15	4.806	475	476	480	rBV2	1280	1002	0.03%	0.003%
16	4.848	480	483	484	rBV3	1037	939	0.03%	0.003%
17	4.909	484	493	506	rBV4	13332	54455	1.57%	0.158%
18	5.172	534	536	539	rBV4	783	1176	0.03%	0.003%
19	5.440	576	580	583	rVB6	772	997	0.03%	0.003%
20	5.507	588	591	593	rBV2	799	1209	0.03%	0.004%
21	5.574	600	602	605	rVB4	840	848	0.02%	0.002%
22	5.745	629	630	635	rVV3	606	866	0.03%	0.003%
23	5.793	635	638	639	rVV2	836	904	0.03%	0.003%
24	5.806	639	640	643	rVV2	1419	1239	0.04%	0.004%
25	5.927	650	660	667	rVV6	4544	14624	0.42%	0.042%
26	6.031	674	677	681	rVV4	965	1248	0.04%	0.004%
27	6.421	738	741	746	rBV5	877	1580	0.05%	0.005%
28	6.507	752	755	757	rBV3	796	1066	0.03%	0.003%
29	6.659	775	780	783	rVB3	918	1781	0.05%	0.005%
30	6.714	787	789	791	rBV2	876	928	0.03%	0.003%
31	7.074	839	848	860	rBV	73110	211701	6.12%	0.615%
32	7.263	868	879	884	rBV2	10927	27762	0.80%	0.081%
33	7.348	892	893	896	rBV3	1091	994	0.03%	0.003%
34	7.506	915	919	920	rBV3	1514	1307	0.04%	0.004%

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 Title : VOC Analysis

35	7.525	920	922	925	rVV3	1379	1984	0.06%	0.006%
36	7.641	928	941	952	rBV	408312	1044473	30.20%	3.034%
37	7.775	959	963	965	rVB3	967	1121	0.03%	0.003%
38	7.805	965	968	970	rBV4	1052	1217	0.04%	0.004%
39	7.952	988	992	997	rVB6	1288	2230	0.06%	0.006%
40	8.049	1003	1008	1009	rBV3	704	1076	0.03%	0.003%
41	8.275	1032	1045	1061	rBV2	808743	2415269	69.82%	7.015%
42	8.451	1072	1074	1077	rVB3	837	1079	0.03%	0.003%
43	8.671	1108	1110	1111	rBV	1214	1108	0.03%	0.003%
44	8.689	1111	1113	1116	rVV2	1375	1721	0.05%	0.005%
45	8.750	1122	1123	1127	rVB3	1005	944	0.03%	0.003%
46	8.842	1127	1138	1148	rBV	976179	1969347	56.93%	5.720%
47	9.073	1167	1176	1183	rBV9	6312	15322	0.44%	0.045%
48	9.274	1199	1209	1219	rBV	582972	1175715	33.99%	3.415%
49	9.567	1254	1257	1259	rBV3	765	954	0.03%	0.003%
50	9.659	1264	1272	1278	rBV7	3256	8732	0.25%	0.025%
51	9.787	1289	1293	1294	rVB3	1149	1302	0.04%	0.004%
52	9.884	1305	1309	1312	rBV3	1952	2553	0.07%	0.007%
53	10.030	1325	1333	1343	rBV	297000	548625	15.86%	1.593%
54	10.122	1345	1348	1354	rVB5	2222	3474	0.10%	0.010%
55	10.207	1360	1362	1365	rBV4	977	1180	0.03%	0.003%
56	10.323	1373	1381	1388	rBV	1121461	1957797	56.60%	5.686%
57	10.384	1388	1391	1397	rVV	12693	22385	0.65%	0.065%
58	10.512	1409	1412	1414	rVB2	1169	998	0.03%	0.003%
59	10.573	1414	1422	1431	rBV	195892	345074	9.98%	1.002%
60	10.707	1438	1444	1448	rBV2	10363	16546	0.48%	0.048%
61	10.780	1453	1456	1458	rVB4	1049	1403	0.04%	0.004%
62	10.860	1464	1469	1473	rBV5	1963	3603	0.10%	0.010%
63	10.927	1473	1480	1489	rBV	302810	513311	14.84%	1.491%
64	11.073	1497	1504	1509	rVB7	6682	11433	0.33%	0.033%
65	11.183	1519	1522	1523	rBV3	1114	1366	0.04%	0.004%
66	11.195	1523	1524	1525	rBV	1476	967	0.03%	0.003%
67	11.548	1579	1582	1583	rVB3	1090	885	0.03%	0.003%
68	11.628	1587	1595	1604	rBV	1319545	2281388	65.95%	6.626%
69	11.786	1618	1621	1624	rBV5	2696	3189	0.09%	0.009%
70	11.835	1624	1629	1633	rBV5	7896	13225	0.38%	0.038%
71	11.902	1638	1640	1643	rVB3	1466	1080	0.03%	0.003%

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72	12.048	1661	1664	1666	rBV3	933	1055	0.03%	0.003%
73	12.091	1670	1671	1673	rBV2	1046	924	0.03%	0.003%
74	12.182	1679	1686	1692	rVB5	12827	26499	0.77%	0.077%
75	12.250	1693	1697	1698	rBV4	1543	1807	0.05%	0.005%
76	12.304	1704	1706	1707	rBV2	1659	1339	0.04%	0.004%
77	12.402	1707	1722	1724	rBV5	19631	63904	1.85%	0.186%
78	12.609	1752	1756	1762	rVB2	18997	30491	0.88%	0.089%
79	12.695	1763	1770	1778	rVB	421231	664000	19.20%	1.929%
80	12.884	1780	1801	1806	rBV5	209032	804472	23.26%	2.337%
81	13.316	1857	1872	1884	rBV4	179091	883912	25.55%	2.567%
82	13.560	1906	1912	1927	rVB	1324371	2177059	62.94%	6.323%
83	13.731	1935	1940	1941	rBV3	56065	91963	2.66%	0.267%
84	13.792	1946	1950	1954	rVB	129652	174908	5.06%	0.508%
85	13.853	1954	1960	1969	rBV2	996489	2335889	67.53%	6.785%
86	13.944	1970	1975	1984	rVV4	161419	362780	10.49%	1.054%
87	14.103	1998	2001	2004	rVB	76110	97891	2.83%	0.284%
88	14.139	2005	2007	2013	rVB4	43253	64929	1.88%	0.189%
89	14.237	2019	2023	2028	rBV2	156161	225928	6.53%	0.656%
90	14.426	2051	2054	2057	rBV2	128289	146896	4.25%	0.427%
91	14.463	2057	2060	2063	rVB	169481	211448	6.11%	0.614%
92	14.505	2063	2067	2070	rBV	234618	374845	10.84%	1.089%
93	14.731	2095	2104	2109	rBV2	756610	1357737	39.25%	3.944%
94	14.798	2111	2115	2120	rVV2	265930	466923	13.50%	1.356%
95	14.956	2137	2141	2147	rVB2	324728	526738	15.23%	1.530%
96	15.371	2204	2209	2216	rVB	1477237	2490053	71.99%	7.232%
97	15.560	2236	2240	2248	rVB	627030	1000853	28.93%	2.907%
98	16.450	2380	2386	2391	rBV	885321	1797287	51.96%	5.220%
99	16.505	2392	2395	2401	rVB	371154	628975	18.18%	1.827%
100	16.651	2412	2419	2430	rVB	1529544	3459077	100.00%	10.047%

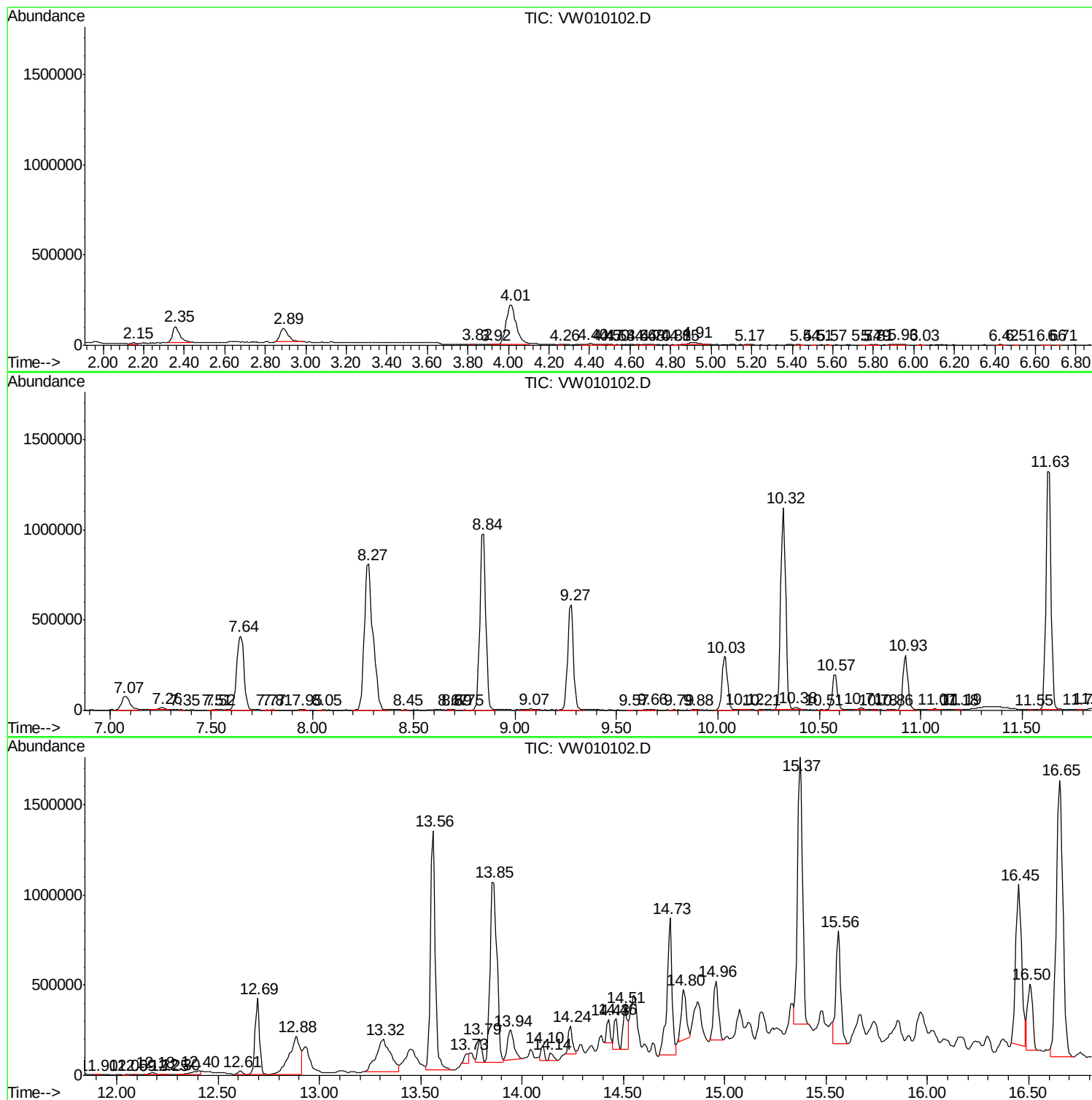
Sum of corrected areas: 34429718

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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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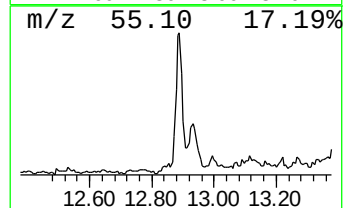
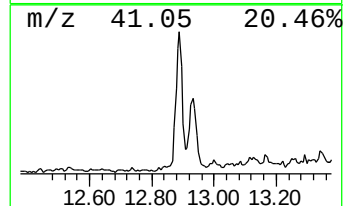
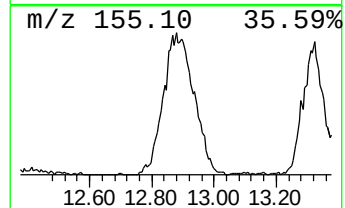
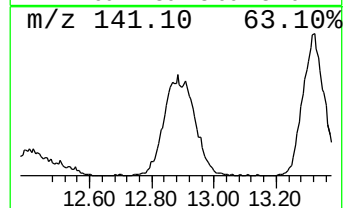
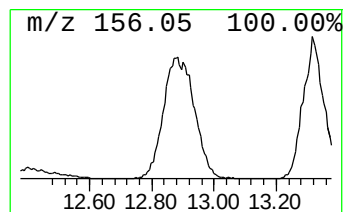
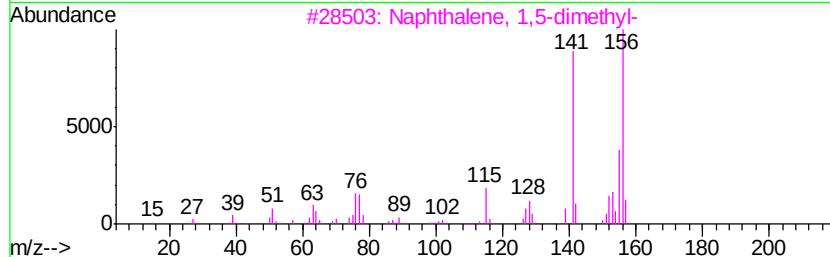
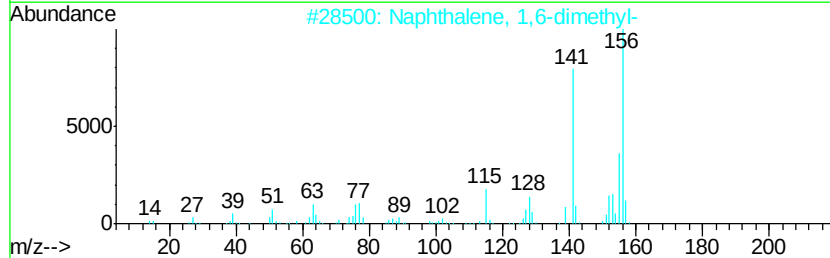
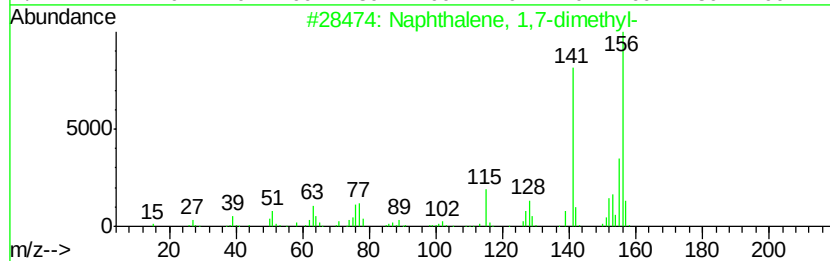
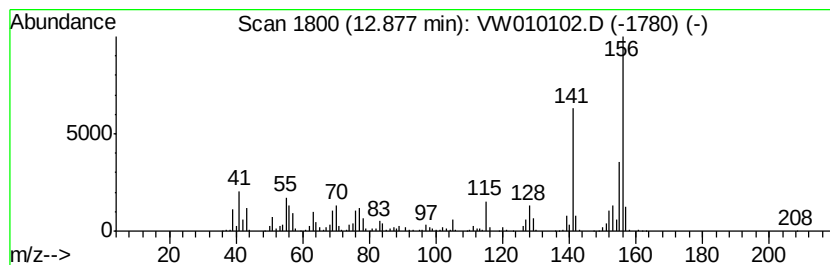
Instrument :
MSVOA_W
ClientSampleId :
GAHQ3

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 Naphthalene, 1,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	9.24 ug/L	804472	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 98
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
3		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 98
4		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97



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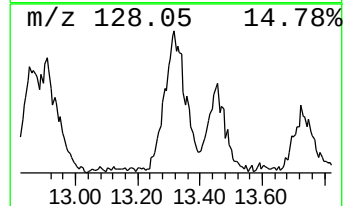
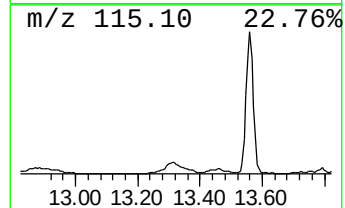
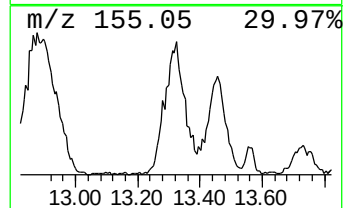
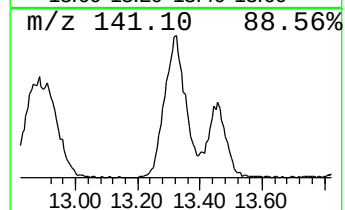
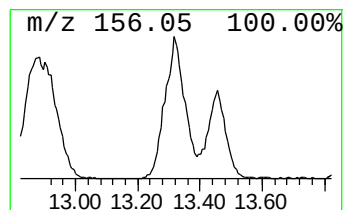
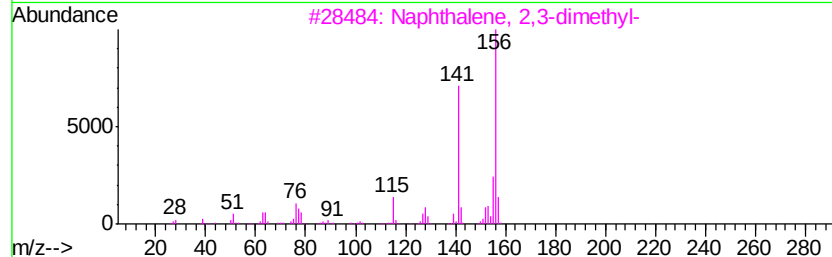
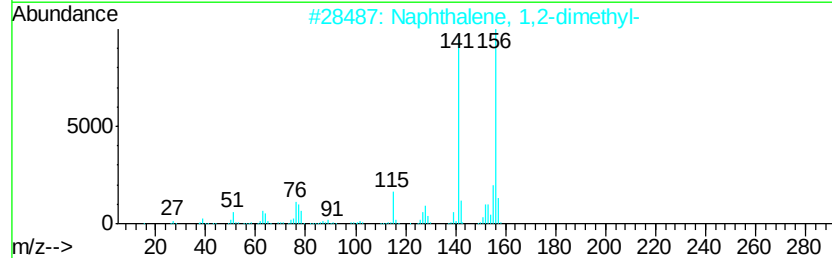
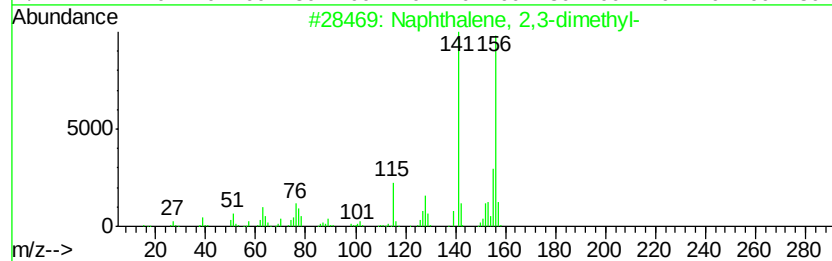
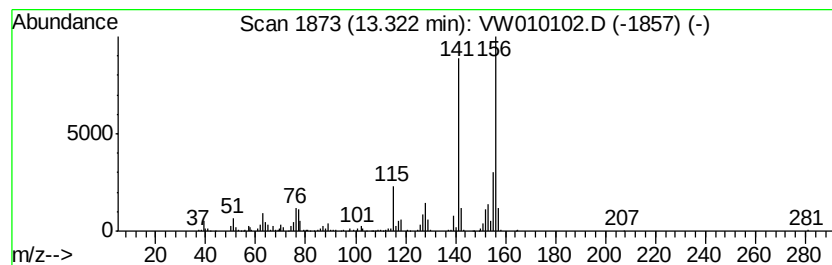
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Quant Title : VOC Analysis

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

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	10.15 ug/L	883912	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,2-dimethyl-	156 C12H12	000573-98-8 97
3		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96
4		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 95
5		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 95



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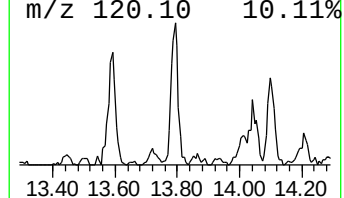
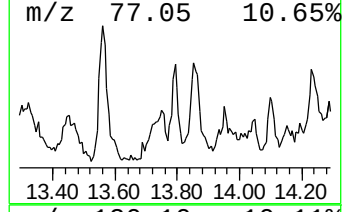
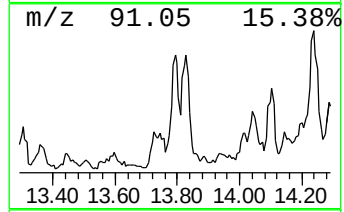
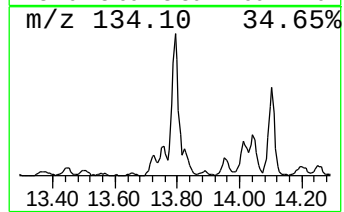
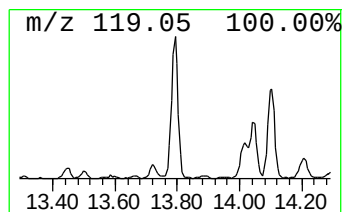
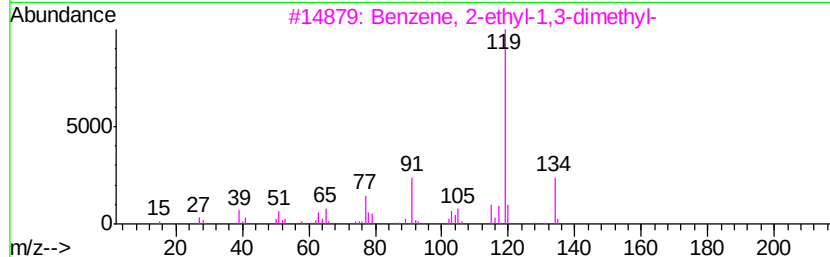
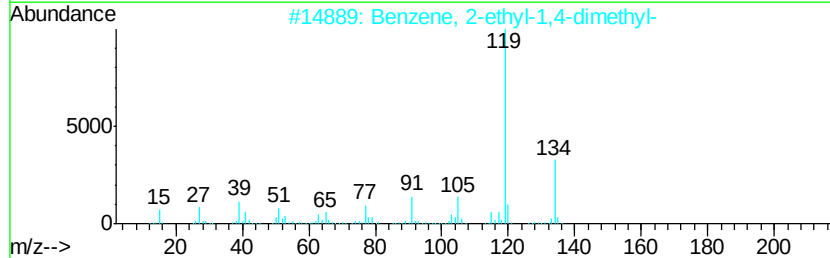
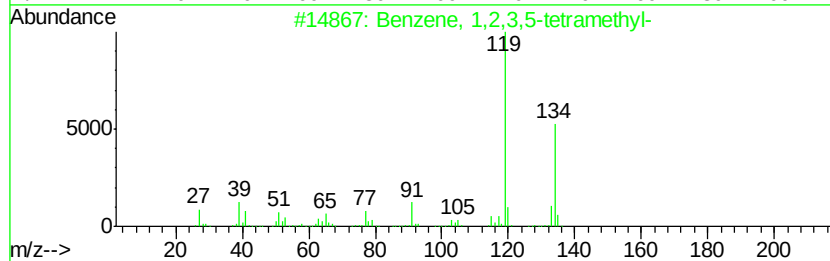
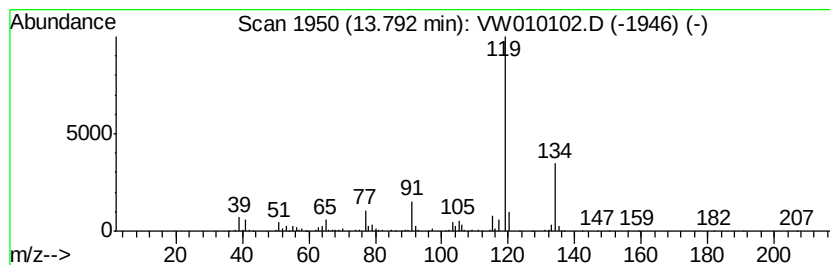
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	2.01 ug/L	174908	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010102.D
Acq On : 23 Apr 2019 17:34
Operator : SY/VA
Sample : K2455-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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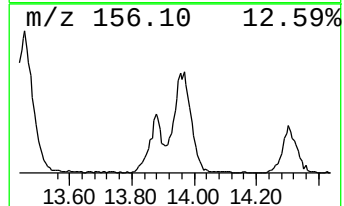
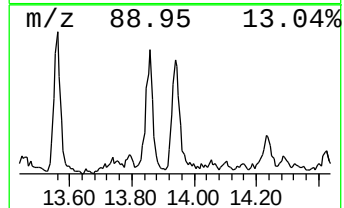
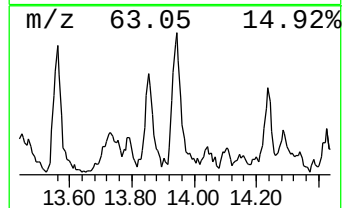
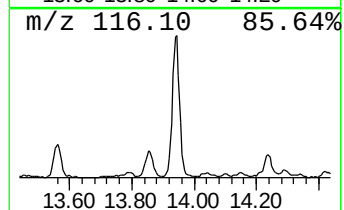
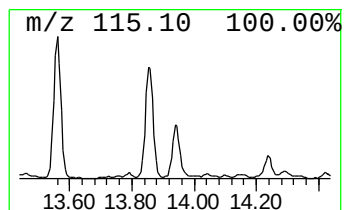
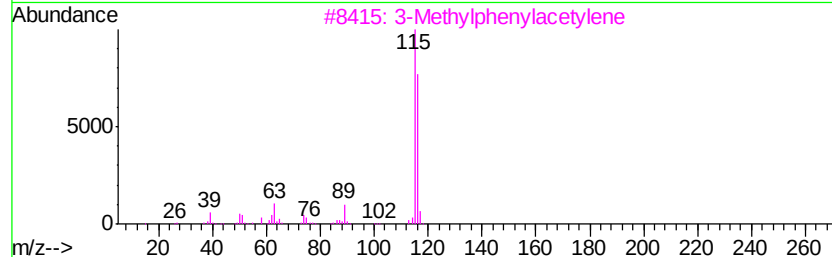
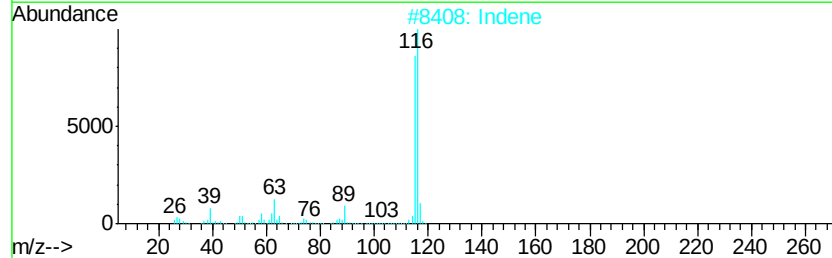
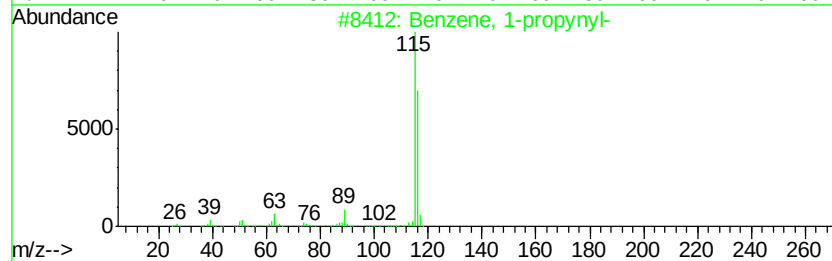
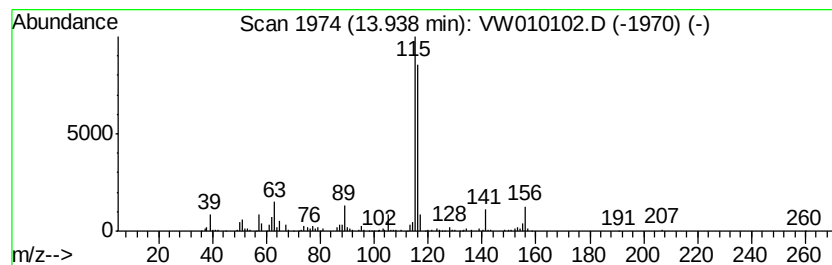
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Quant Title : VOC Analysis

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

Peak Number 5 Benzene, 1-propynyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	4.17 ug/L	362780	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-propynyl-	116	C9H8	000673-32-5	93
2		Indene	116	C9H8	000095-13-6	93
3		3-Methylphenylacetylene	116	C9H8	000766-82-5	81
4		1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	81
5		Benzene, 1-propynyl-	116	C9H8	000673-32-5	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010102.D
Acq On : 23 Apr 2019 17:34
Operator : SY/VA
Sample : K2455-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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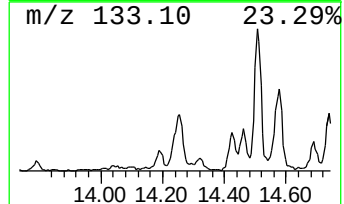
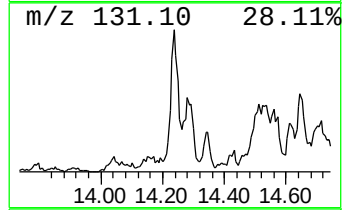
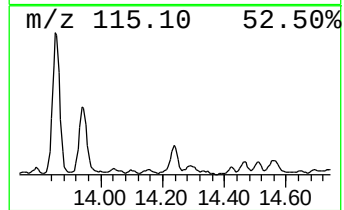
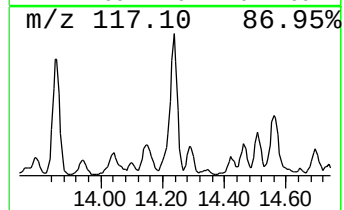
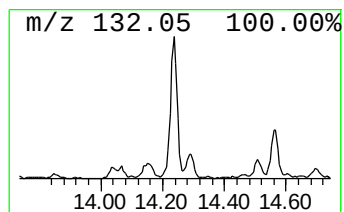
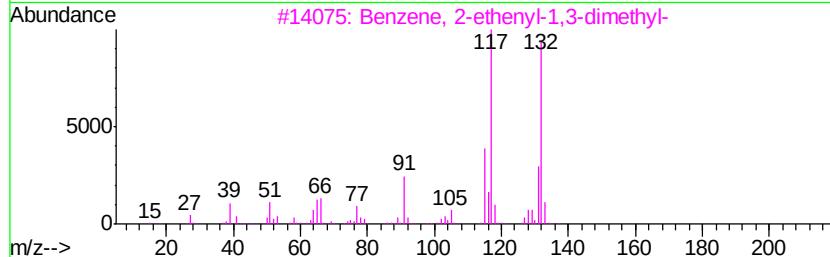
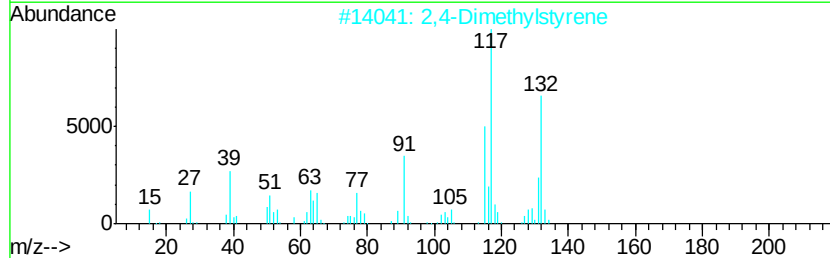
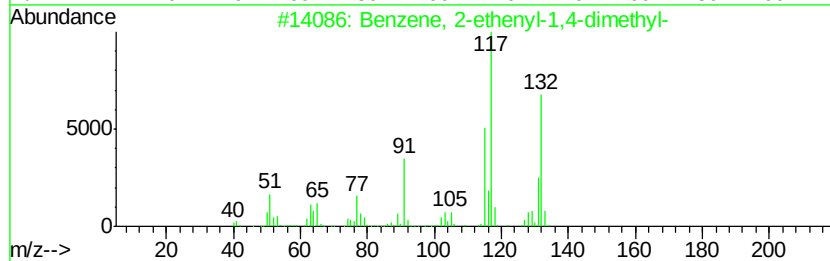
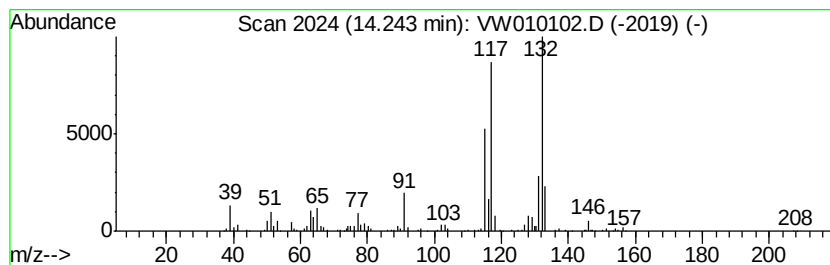
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Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	2.59 ug/L	225928	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	96
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
3		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94
4		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	93
5		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010102.D
Acq On : 23 Apr 2019 17:34
Operator : SY/VA
Sample : K2455-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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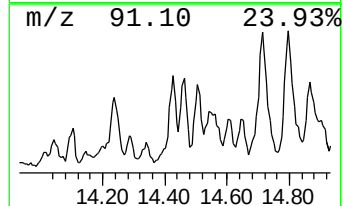
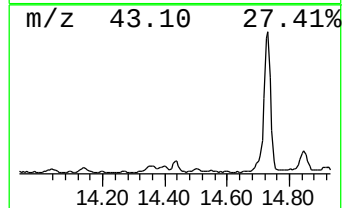
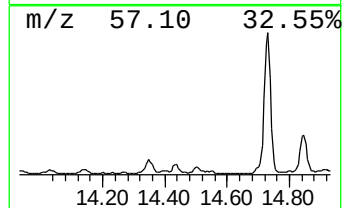
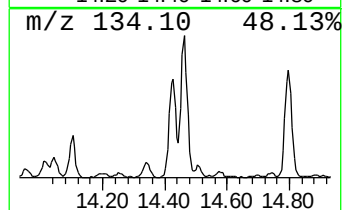
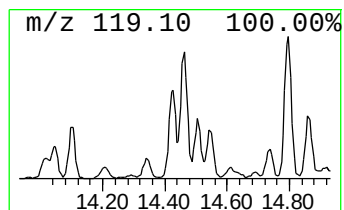
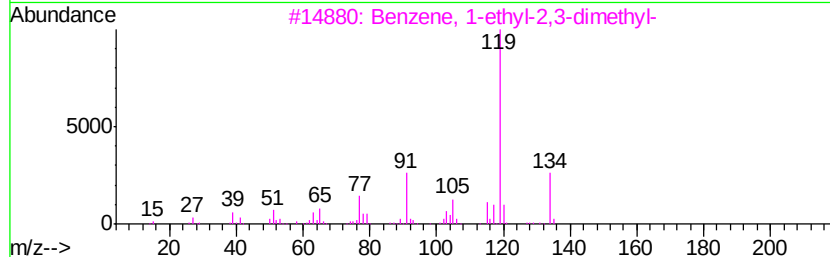
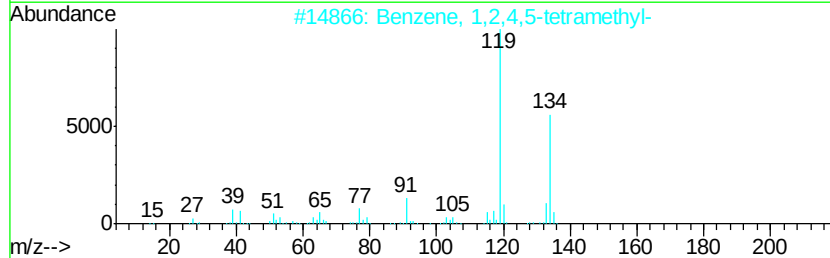
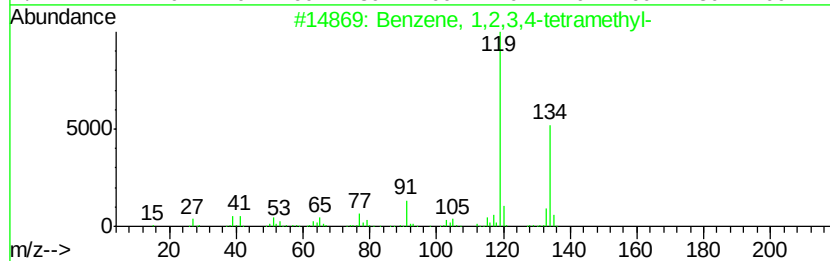
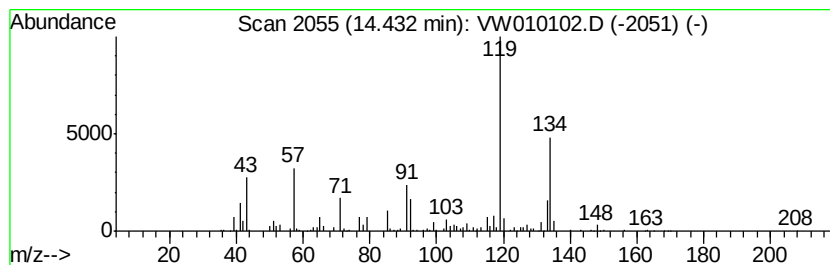
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Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	1.69 ug/L	146896	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010102.D
Acq On : 23 Apr 2019 17:34
Operator : SY/VA
Sample : K2455-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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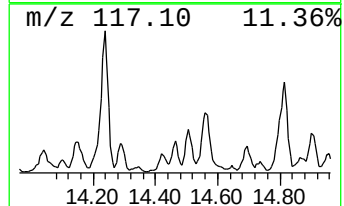
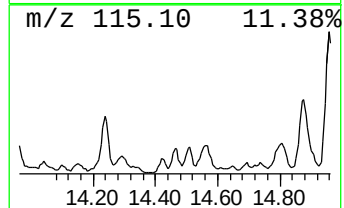
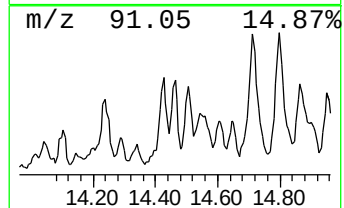
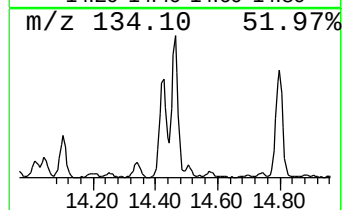
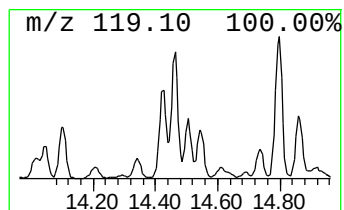
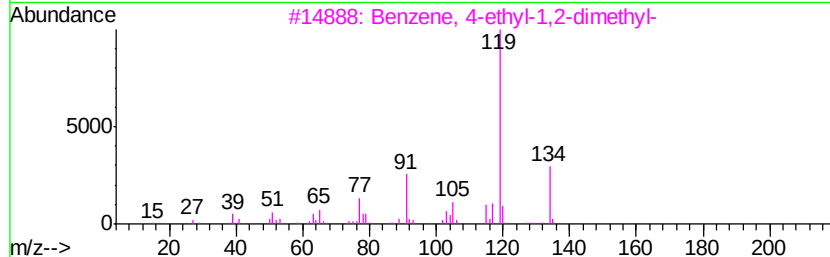
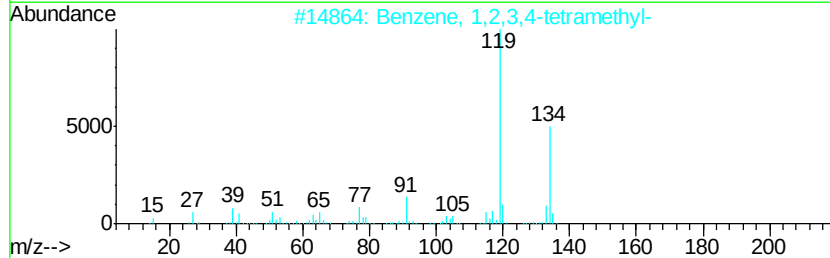
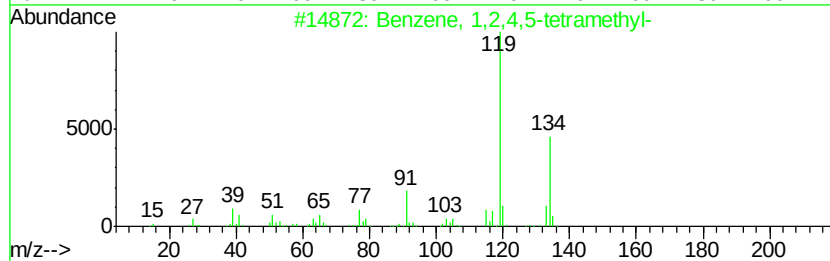
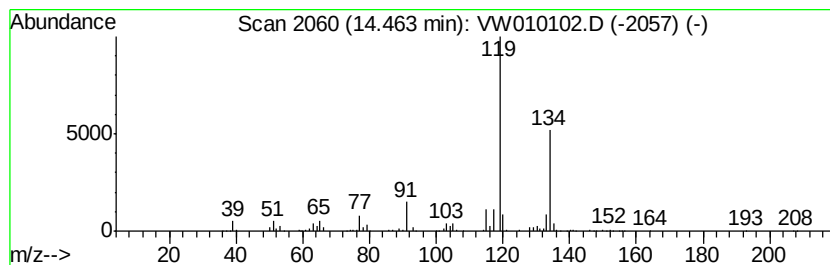
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Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	2.43 ug/L	211448	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		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010102.D
Acq On : 23 Apr 2019 17:34
Operator : SY/VA
Sample : K2455-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

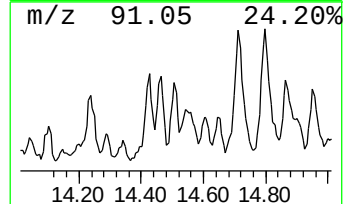
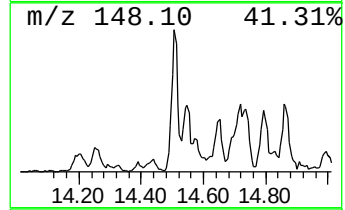
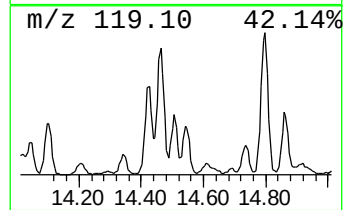
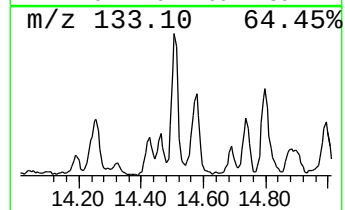
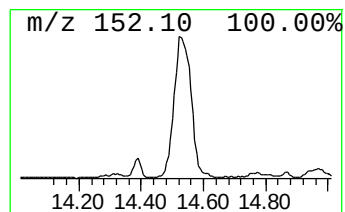
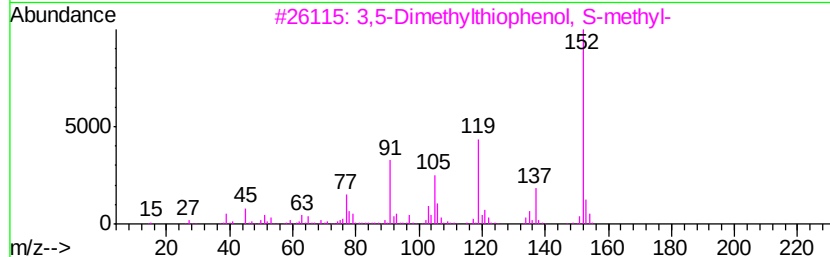
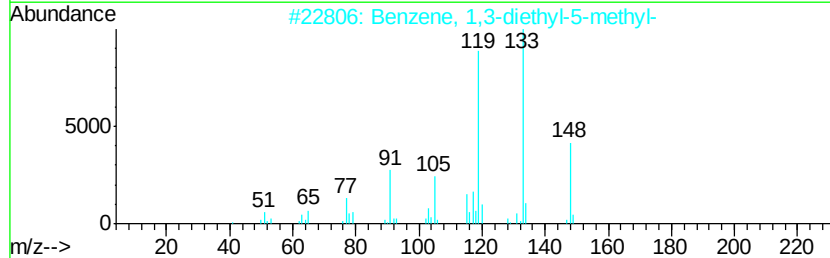
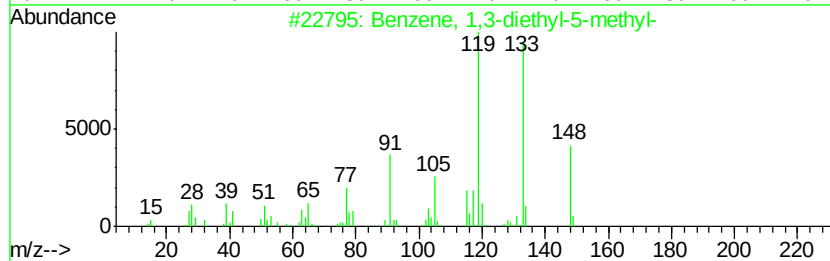
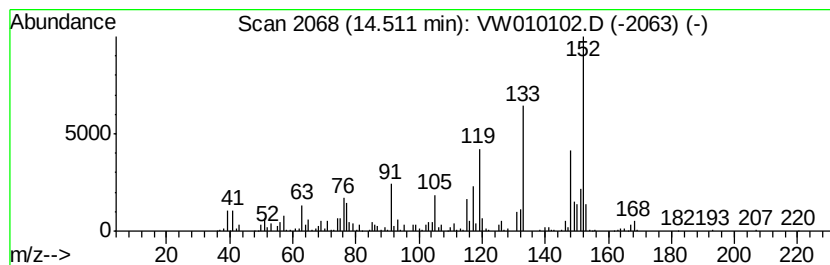
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 9 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	4.30 ug/L	374845	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,3-diethyl-5-methyl-	148 C11H16	002050-24-0 60
2		Benzene, 1,3-diethyl-5-methyl-	148 C11H16	002050-24-0 55
3		3,5-Dimethylthiophenol, S-methyl-	152 C9H12S	1000353-09-1 38
4		Benzene, 2,4-diethyl-1-methyl-	148 C11H16	001758-85-6 38
5		Acenaphthylene	152 C12H8	000208-96-8 38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010102.D
Acq On : 23 Apr 2019 17:34
Operator : SY/VA
Sample : K2455-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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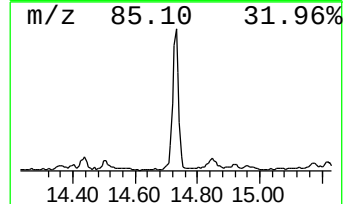
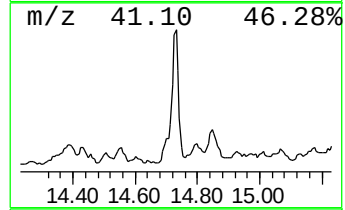
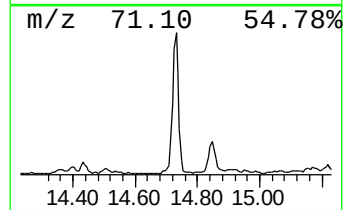
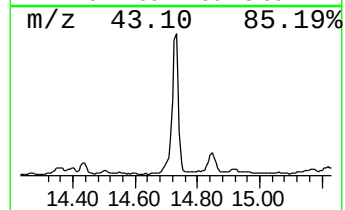
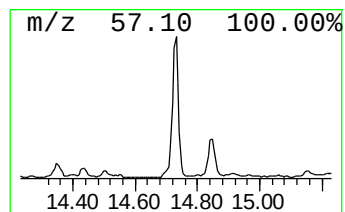
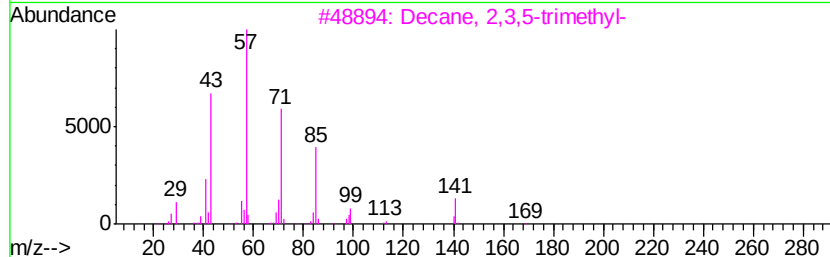
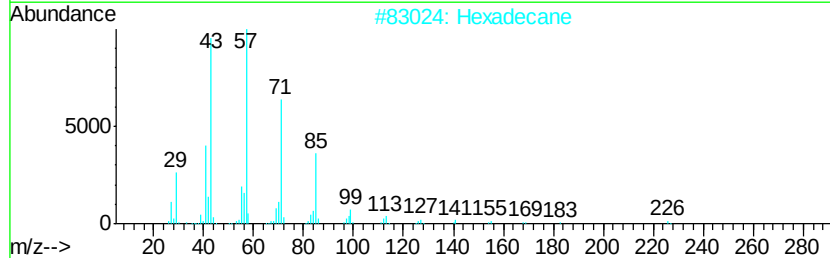
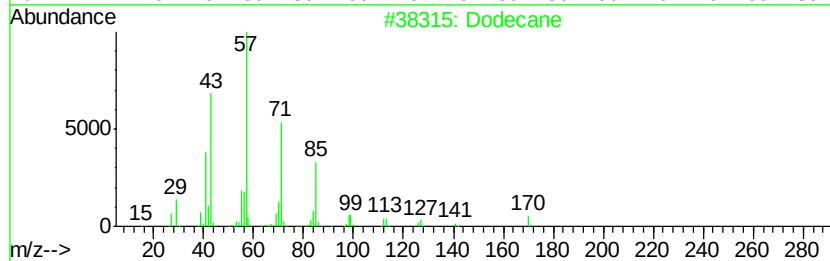
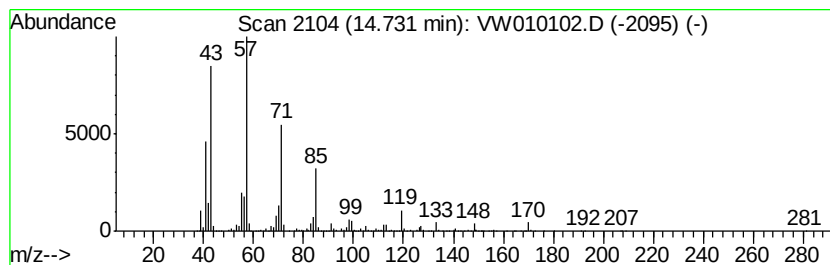
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	15.59 ug/L	1357740	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	96
2		Hexadecane	226	C16H34	000544-76-3	74
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
4		Tridecane	184	C13H28	000629-50-5	72
5		Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010102.D
Acq On : 23 Apr 2019 17:34
Operator : SY/VA
Sample : K2455-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

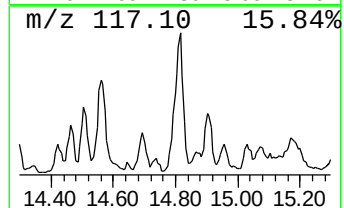
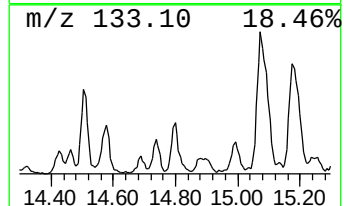
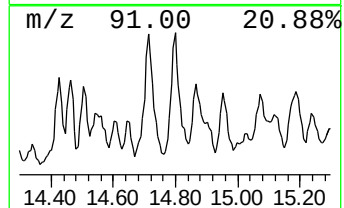
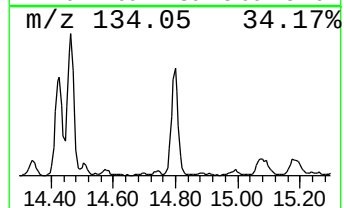
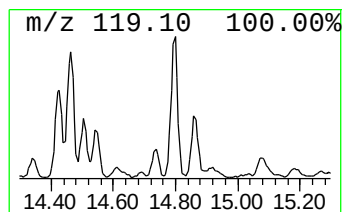
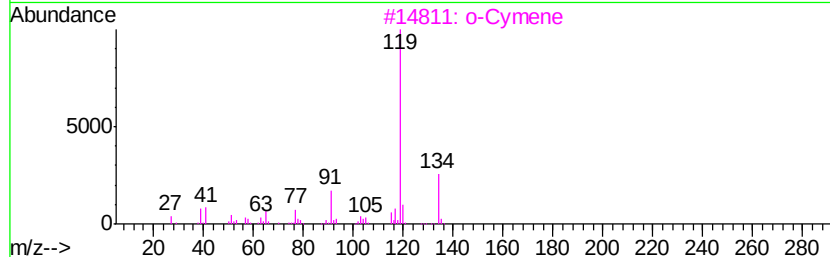
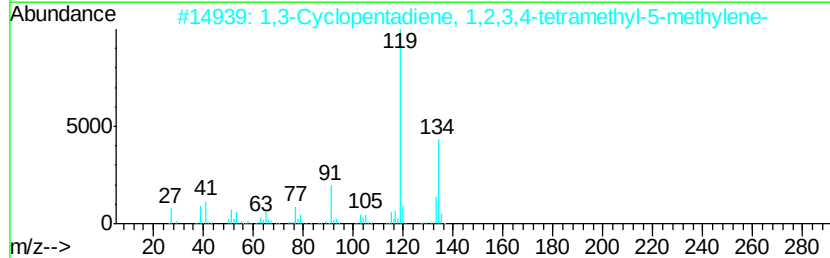
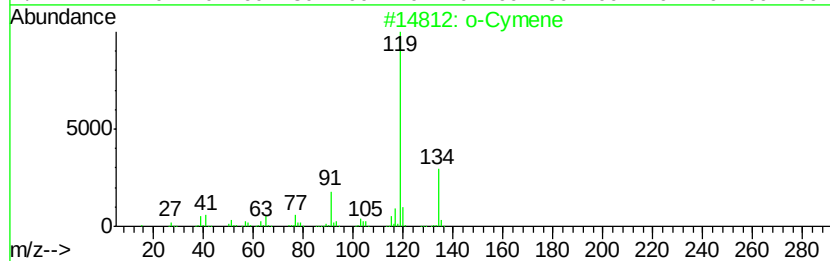
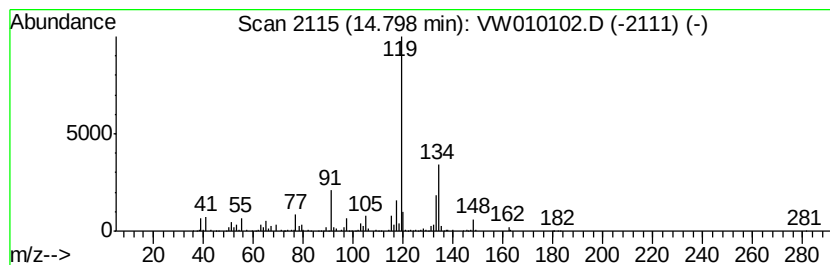
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 11 o-Cymene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.80	5.36 ug/L	466923	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	93
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	87
3	o-Cymene	134	C10H14	000527-84-4	87
4	p-Cymene	134	C10H14	000099-87-6	87
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010102.D
Acq On : 23 Apr 2019 17:34
Operator : SY/VA
Sample : K2455-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHQ3

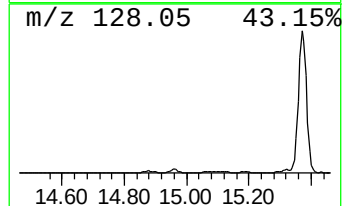
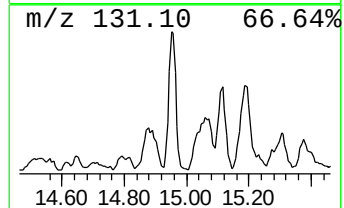
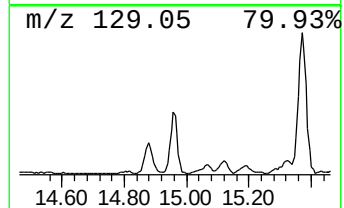
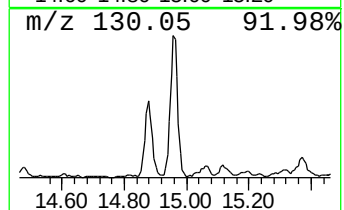
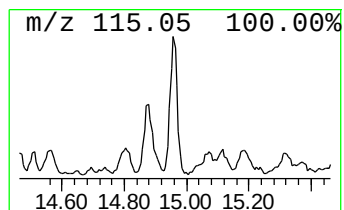
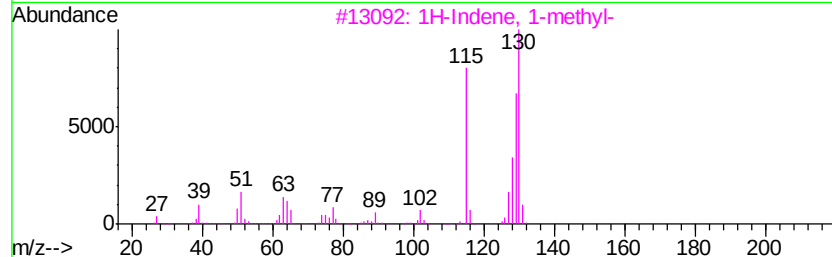
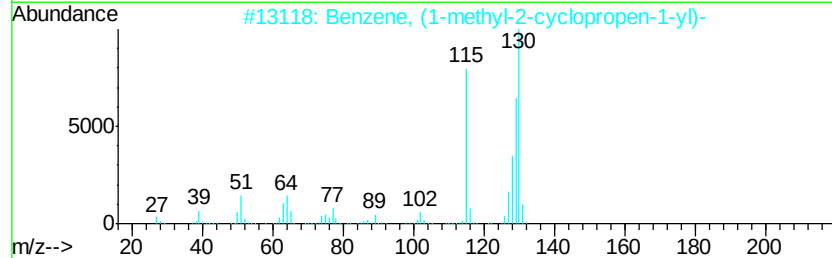
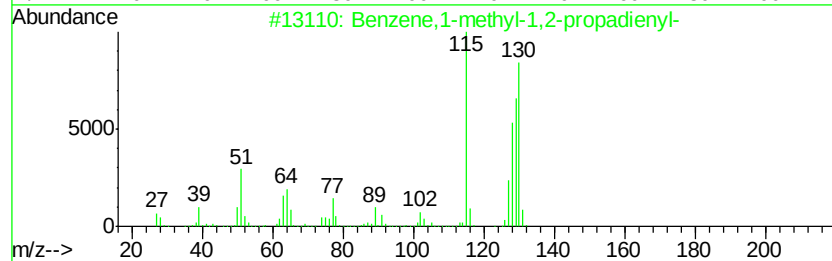
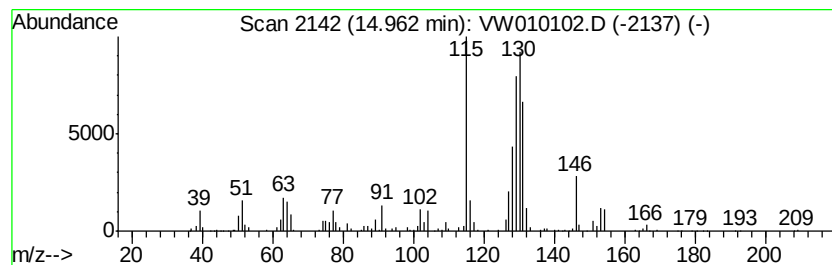
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Quant Title : VOC Analysis

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

Peak Number 12 Benzene,1-methyl-1,2-propad... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	6.05 ug/L	526738	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	90
2		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	87
3		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	87
4		Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	70
5		Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010102.D
Acq On : 23 Apr 2019 17:34
Operator : SY/VA
Sample : K2455-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHQ3

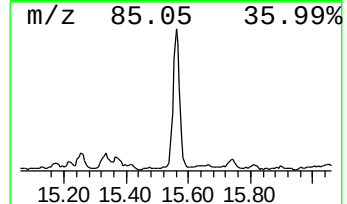
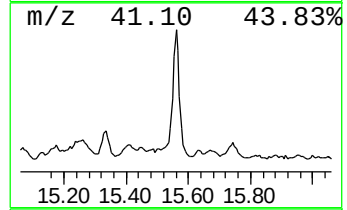
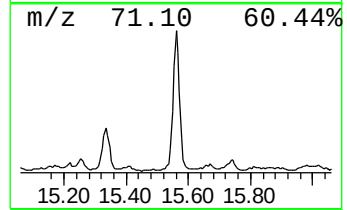
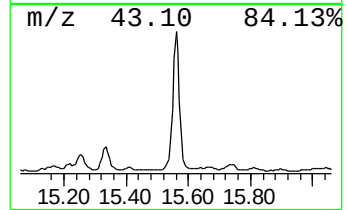
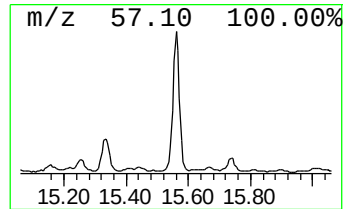
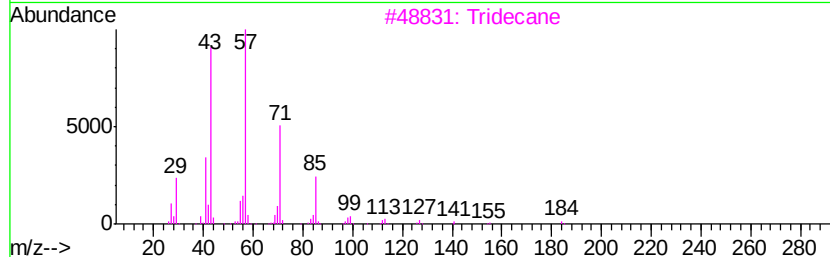
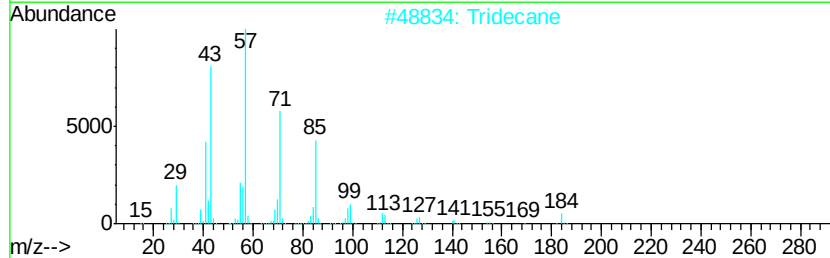
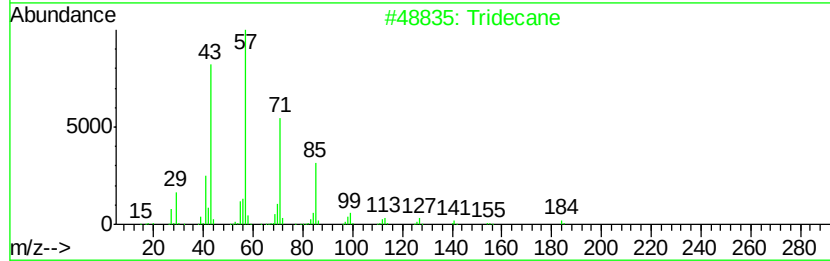
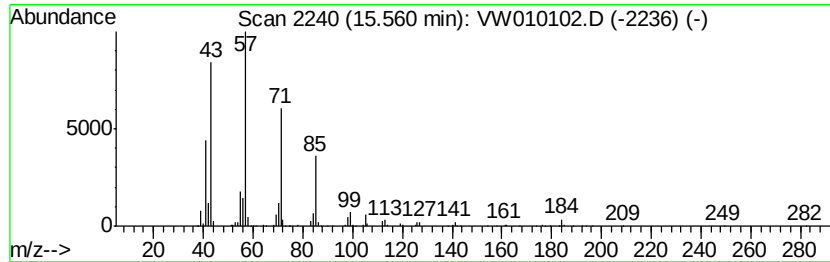
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Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	11.49 ug/L	1000850	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	94
2		Tridecane	184	C13H28	000629-50-5	93
3		Tridecane	184	C13H28	000629-50-5	93
4		Hexadecane	226	C16H34	000544-76-3	91
5		Tridecane	184	C13H28	000629-50-5	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010102.D
Acq On : 23 Apr 2019 17:34
Operator : SY/VA
Sample : K2455-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHQ3

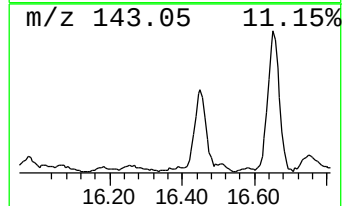
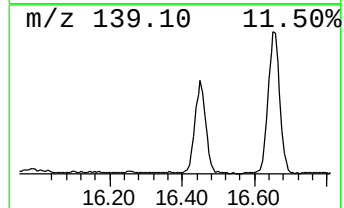
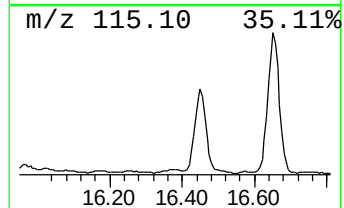
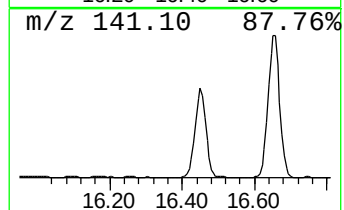
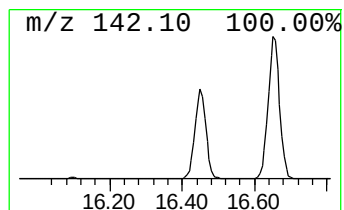
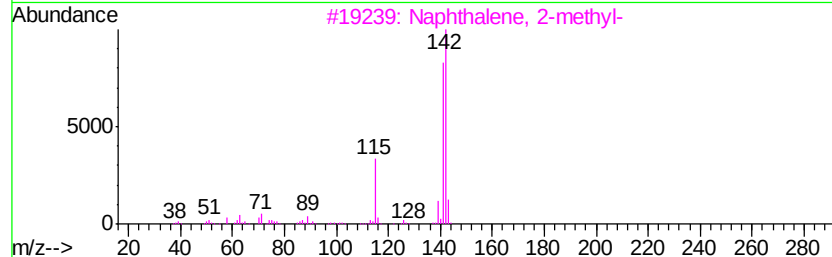
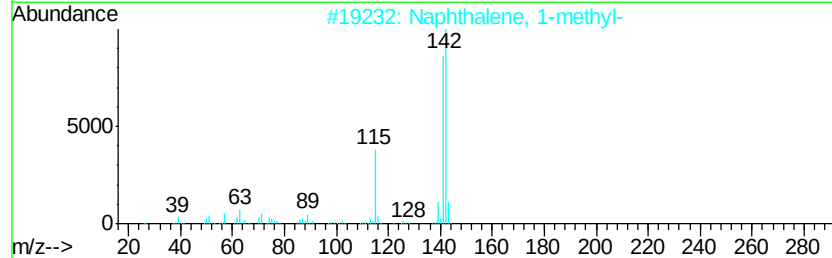
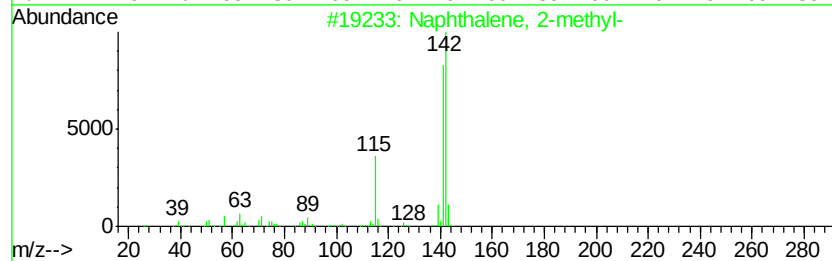
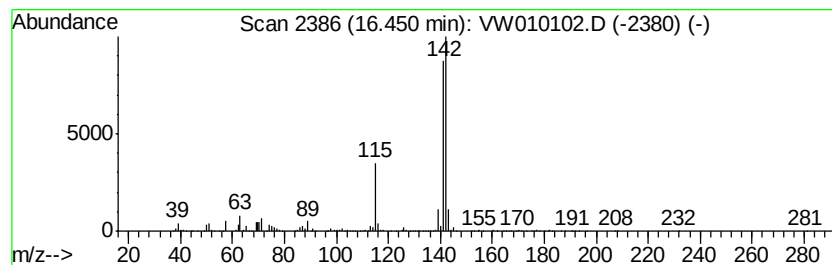
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Quant Title : VOC Analysis

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

Peak Number 15 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	20.64 ug/L	1797290	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010102.D
Acq On : 23 Apr 2019 17:34
Operator : SY/VA
Sample : K2455-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHQ3

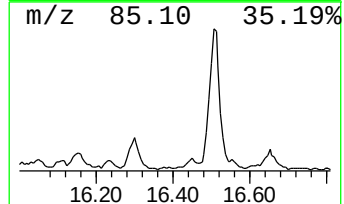
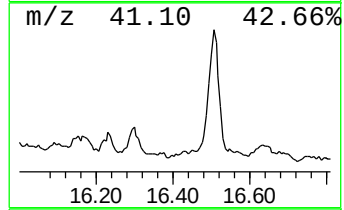
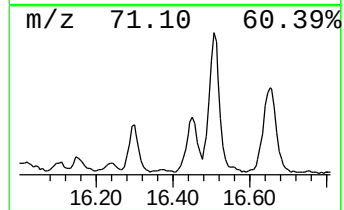
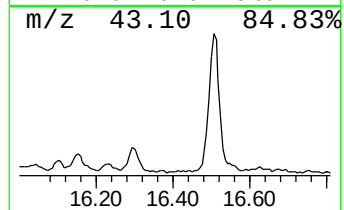
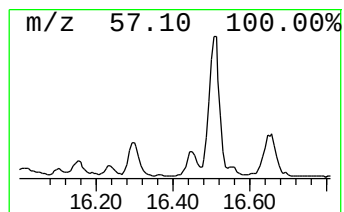
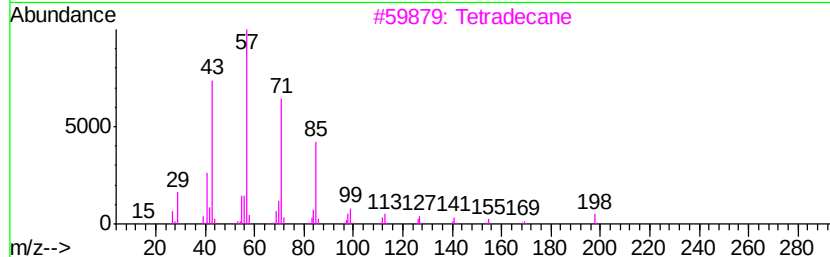
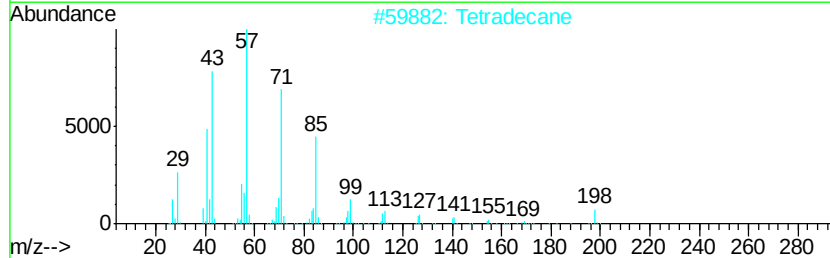
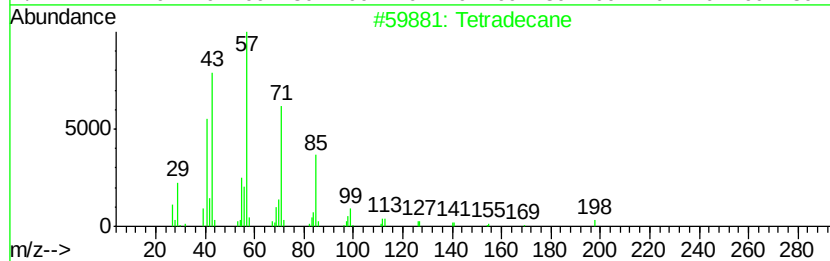
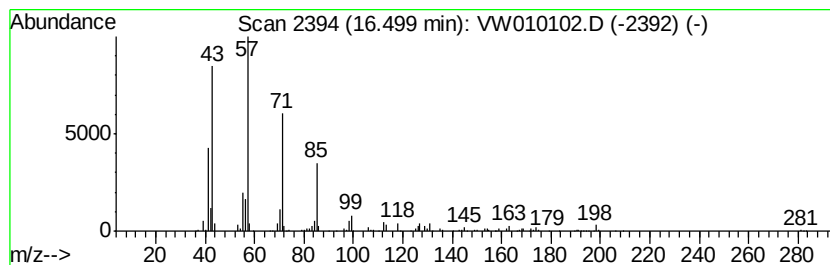
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	7.22 ug/L	628975	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	96
2		Tetradecane	198	C14H30	000629-59-4	94
3		Tetradecane	198	C14H30	000629-59-4	93
4		Tetradecane	198	C14H30	000629-59-4	90
5		Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042319\
Data File : VW010102.D
Acq On : 23 Apr 2019 17:34
Operator : SY/VA
Sample : K2455-01
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHQ3

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
Naphthalene, 1,7-...	12.88	9.2	ug/L	804472	3	13.56	2177060	25.0
Naphthalene, 2,3-...	13.32	10.2	ug/L	883912	3	13.56	2177060	25.0
Benzene, 1,2,3,5-...	13.79	2.0	ug/L	174908	3	13.56	2177060	25.0
Benzene, 1-propynyl-	13.94	4.2	ug/L	362780	3	13.56	2177060	25.0
Benzene, 2-etheny...	14.24	2.6	ug/L	225928	3	13.56	2177060	25.0
Benzene, 1,2,3,4-...	14.43	1.7	ug/L	146896	3	13.56	2177060	25.0
Benzene, 1,2,4,5-...	14.46	2.4	ug/L	211448	3	13.56	2177060	25.0
Benzene, 1,3-diet...	14.51	4.3	ug/L	374845	3	13.56	2177060	25.0
(DEL) Alkane: Str...	14.73	15.6	ug/L	1357740	3	13.56	2177060	25.0
o-Cymene	14.80	5.4	ug/L	466923	3	13.56	2177060	25.0
Benzene,1-methyl-...	14.96	6.0	ug/L	526738	3	13.56	2177060	25.0
(DEL) Alkane: Str...	15.56	11.5	ug/L	1000850	3	13.56	2177060	25.0
Naphthalene, 1-me...	16.45	20.6	ug/L	1797290	3	13.56	2177060	25.0
(DEL) Alkane: Str...	16.50	7.2	ug/L	628975	3	13.56	2177060	25.0