

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009760.D
 Acq On : 06 Apr 2019 06:36
 Operator : SY/VA
 Sample : K2188-10
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF654

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\SOM2WLM040319S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.160	36	42	50	rBV3	12375	31012	1.32%	0.101%
2	2.361	68	75	92	rVB	88850	214191	9.14%	0.700%
3	2.891	154	162	176	rBV2	78612	227397	9.71%	0.743%
4	4.013	334	346	358	rBV	150080	515866	22.02%	1.686%
5	4.117	359	363	373	rVB	17011	45290	1.93%	0.148%
6	4.391	397	408	420	rVB4	12880	47333	2.02%	0.155%
7	4.909	479	493	512	rBV3	45611	197079	8.41%	0.644%
8	5.927	651	660	669	rVB4	9552	31200	1.33%	0.102%
9	6.970	823	831	832	rBV3	12055	21181	0.90%	0.069%
10	7.074	840	848	859	rBV	41485	126694	5.41%	0.414%
11	7.647	930	942	957	rBV	264947	645214	27.54%	2.109%
12	7.945	977	991	1001	rBV4	29177	96331	4.11%	0.315%
13	8.153	1017	1025	1031	rBV2	17521	41135	1.76%	0.134%
14	8.268	1033	1044	1063	rVB2	464999	1438799	61.42%	4.704%
15	8.427	1063	1070	1077	rBV8	9528	26316	1.12%	0.086%
16	8.573	1087	1094	1100	rVB3	15212	34271	1.46%	0.112%
17	8.689	1107	1113	1124	rVB2	25751	55854	2.38%	0.183%
18	8.842	1129	1138	1149	rBV	478740	953843	40.72%	3.118%
19	9.274	1200	1209	1214	rBV	338675	687319	29.34%	2.247%
20	9.329	1214	1218	1225	rVB	123524	243608	10.40%	0.796%
21	9.512	1242	1248	1254	rVB4	15148	28031	1.20%	0.092%
22	9.597	1254	1262	1269	rBV6	9652	23224	0.99%	0.076%
23	9.750	1279	1287	1292	rBV4	15035	30250	1.29%	0.099%
24	9.951	1314	1320	1324	rVV2	42558	78971	3.37%	0.258%
25	10.030	1328	1333	1339	rVV	155394	285028	12.17%	0.932%
26	10.091	1339	1343	1355	rVB3	38532	90299	3.85%	0.295%
27	10.323	1373	1381	1387	rBV	562958	1033849	44.13%	3.380%
28	10.384	1387	1391	1397	rVV	134576	254683	10.87%	0.833%
29	10.506	1403	1411	1417	rVB2	108626	214842	9.17%	0.702%
30	10.579	1417	1423	1429	rBV	96012	173118	7.39%	0.566%
31	10.664	1432	1437	1442	rVB2	48020	76652	3.27%	0.251%
32	10.762	1447	1453	1457	rBV3	26585	49818	2.13%	0.163%
33	10.847	1462	1467	1473	rVB3	23853	42573	1.82%	0.139%
34	10.927	1473	1480	1490	rBV3	209380	392308	16.75%	1.283%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Title : VOC Analysis

35	11.036	1493	1498	1505	rVB2	23951	44461	1.90%	0.145%
36	11.103	1505	1509	1513	rBV3	24413	37718	1.61%	0.123%
37	11.176	1513	1521	1525	rVV	108256	192972	8.24%	0.631%
38	11.231	1525	1530	1536	rVV	157160	270044	11.53%	0.883%
39	11.335	1542	1547	1552	rBV3	50534	88211	3.77%	0.288%
40	11.408	1552	1559	1570	rVB5	73137	203263	8.68%	0.665%
41	11.512	1571	1576	1581	rBV2	65137	109619	4.68%	0.358%
42	11.634	1589	1596	1605	rVB	430648	749779	32.01%	2.451%
43	11.731	1605	1612	1620	rBV	398742	685839	29.28%	2.242%
44	11.835	1620	1629	1639	rBV	1180224	2277438	97.22%	7.445%
45	12.054	1659	1665	1671	rVB8	14007	30027	1.28%	0.098%
46	12.164	1671	1683	1690	rBV	830381	1467897	62.66%	4.799%
47	12.256	1690	1698	1702	rVB2	67874	118093	5.04%	0.386%
48	12.298	1702	1705	1707	rBV3	19370	25284	1.08%	0.083%
49	12.341	1707	1712	1715	rVV3	46598	89333	3.81%	0.292%
50	12.384	1716	1719	1727	rVB3	67416	114774	4.90%	0.375%
51	12.463	1727	1732	1738	rBV	183609	305252	13.03%	0.998%
52	12.615	1753	1757	1760	rBV3	15875	24720	1.06%	0.081%
53	12.652	1760	1763	1765	rVV2	22528	28693	1.22%	0.094%
54	12.694	1765	1770	1776	rVB	163124	262492	11.20%	0.858%
55	12.804	1780	1788	1793	rVV	245593	449222	19.18%	1.469%
56	12.871	1793	1799	1802	rVV	677912	1150734	49.12%	3.762%
57	12.902	1802	1804	1807	rVV	360116	510091	21.77%	1.668%
58	12.944	1807	1811	1817	rVV2	684836	1148147	49.01%	3.754%
59	12.993	1817	1819	1824	rVB2	33870	40578	1.73%	0.133%
60	13.103	1829	1837	1844	rBV	483478	830366	35.45%	2.715%
61	13.170	1844	1848	1854	rVB4	71542	114633	4.89%	0.375%
62	13.255	1854	1862	1873	rVB	1486677	2342653	100.00%	7.659%
63	13.383	1873	1883	1888	rBV2	96111	202759	8.66%	0.663%
64	13.444	1888	1893	1897	rBV	180545	287537	12.27%	0.940%
65	13.499	1897	1902	1907	rVB2	110724	182892	7.81%	0.598%
66	13.591	1907	1917	1923	rBV2	690261	1384467	59.10%	4.526%
67	13.719	1931	1938	1940	rBV3	98386	156827	6.69%	0.513%
68	13.755	1940	1944	1947	rVV2	289449	492977	21.04%	1.612%
69	13.792	1947	1950	1957	rVV3	312932	642982	27.45%	2.102%
70	13.877	1957	1964	1971	rVV3	234101	608088	25.96%	1.988%
71	13.950	1971	1976	1982	rVV	211723	342276	14.61%	1.119%

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72	14.017	1982	1987	1989	rVV	164888	290885	12.42%	0.951%
73	14.042	1989	1991	1996	rVV	231208	320616	13.69%	1.048%
74	14.103	1996	2001	2005	rVV	225381	338853	14.46%	1.108%
75	14.158	2007	2010	2013	rVV	29960	43423	1.85%	0.142%
76	14.206	2013	2018	2023	rVB3	205536	339558	14.49%	1.110%
77	14.255	2023	2026	2028	rBV	16535	20555	0.88%	0.067%
78	14.280	2028	2030	2035	rVB3	31568	48589	2.07%	0.159%
79	14.341	2035	2040	2045	rBV3	119215	204514	8.73%	0.669%
80	14.395	2045	2049	2050	rVV3	35194	45711	1.95%	0.149%
81	14.426	2050	2054	2056	rVV	88393	128082	5.47%	0.419%
82	14.462	2056	2060	2064	rVB	192244	267688	11.43%	0.875%
83	14.505	2064	2067	2070	rVB2	71764	85099	3.63%	0.278%
84	14.542	2070	2073	2077	rBV2	38916	53132	2.27%	0.174%
85	14.645	2081	2090	2094	rBV4	64677	146112	6.24%	0.478%
86	14.694	2094	2098	2101	rBV4	53165	94239	4.02%	0.308%
87	14.731	2101	2104	2109	rVB2	103503	154672	6.60%	0.506%
88	14.798	2109	2115	2122	rBV4	291871	648073	27.66%	2.119%
89	14.962	2137	2142	2148	rBV2	67496	105027	4.48%	0.343%
90	15.072	2155	2160	2163	rVV2	56700	103416	4.41%	0.338%
91	15.109	2163	2166	2171	rVV4	37618	59322	2.53%	0.194%
92	15.182	2172	2178	2184	rVB4	60024	132957	5.68%	0.435%
93	15.249	2186	2189	2197	rVB5	12001	30088	1.28%	0.098%
94	15.328	2197	2202	2204	rBV4	23654	39643	1.69%	0.130%
95	15.371	2204	2209	2214	rVB	90799	158126	6.75%	0.517%
96	15.444	2214	2221	2224	rBV5	20736	42219	1.80%	0.138%
97	15.554	2237	2239	2248	rVB7	20303	43054	1.84%	0.141%
98	16.182	2332	2342	2349	rBV7	9759	31139	1.33%	0.102%
99	16.450	2379	2386	2400	rVB	33738	90223	3.85%	0.295%
100	16.657	2411	2420	2427	rVB4	20065	56611	2.42%	0.185%

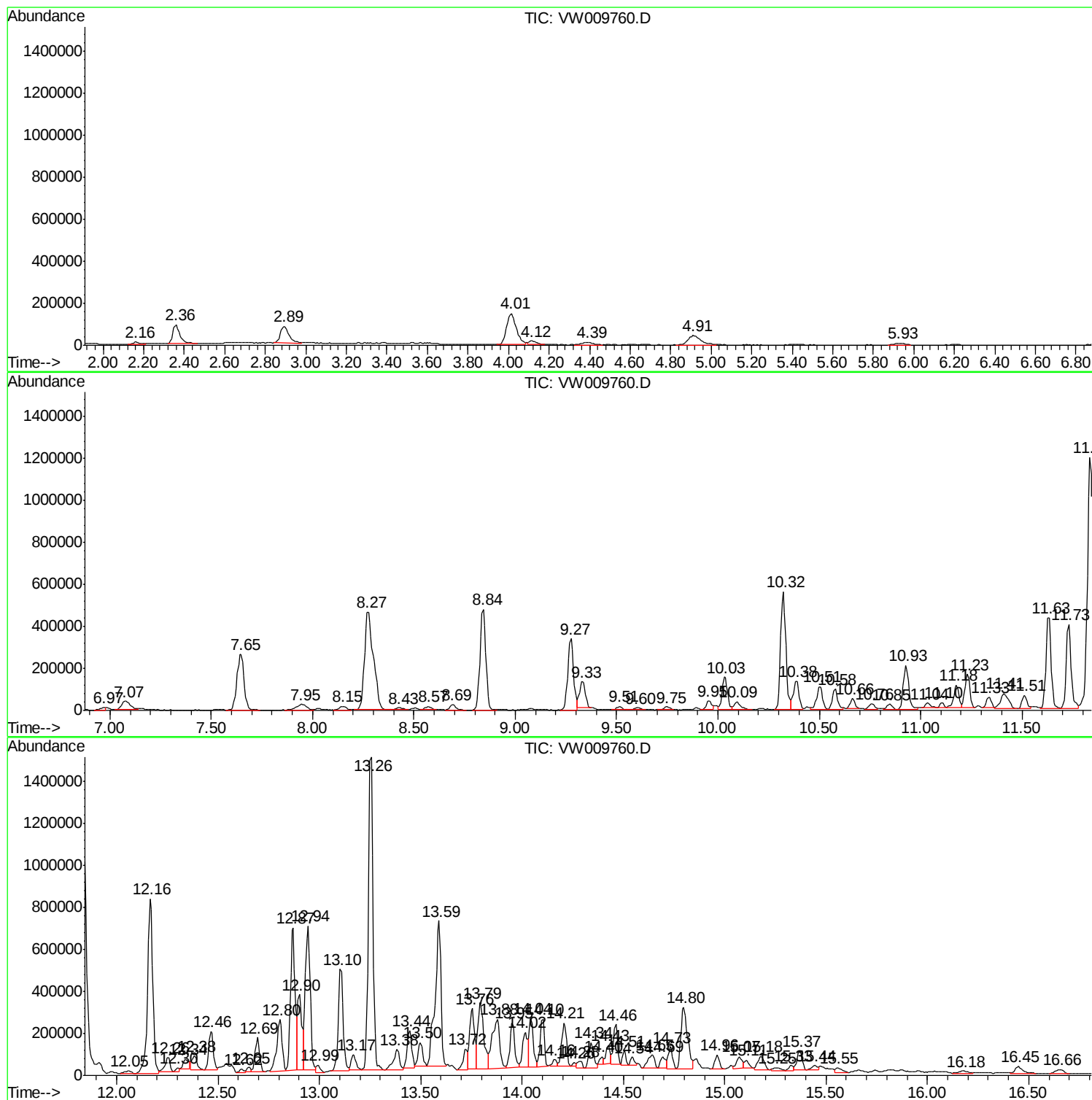
Sum of corrected areas: 30588343

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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



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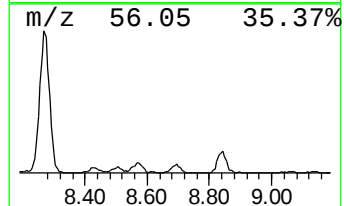
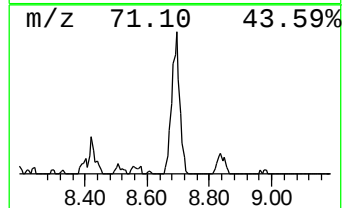
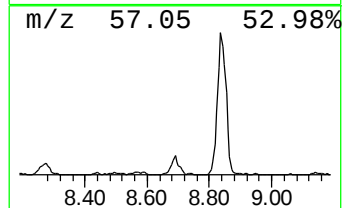
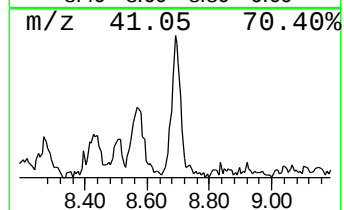
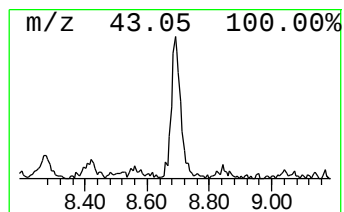
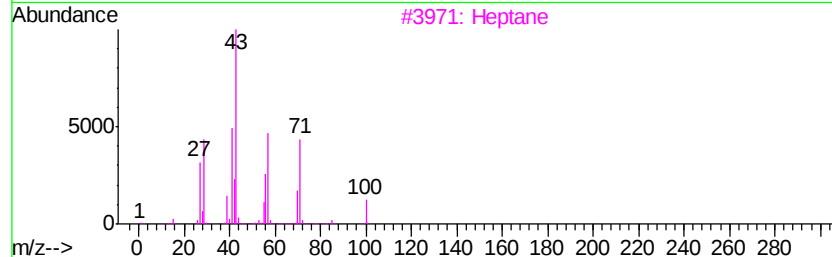
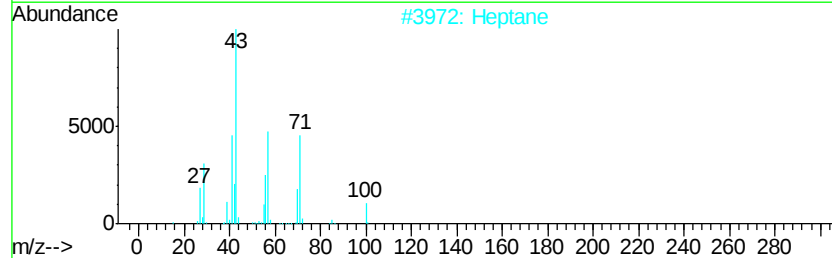
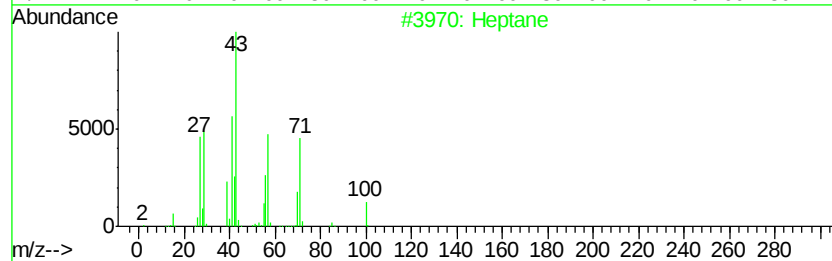
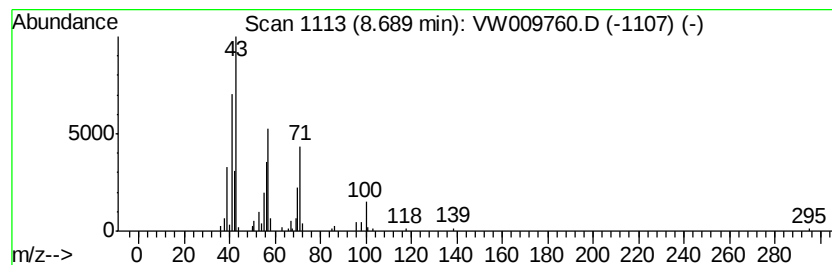
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	1.46 ug/L	55854	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	87
2		Heptane	100	C7H16	000142-82-5	86
3		Heptane	100	C7H16	000142-82-5	86
4		Heptane	100	C7H16	000142-82-5	72
5		Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	50



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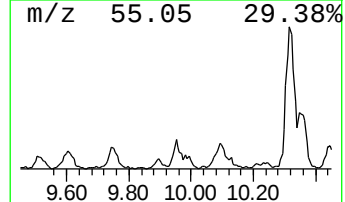
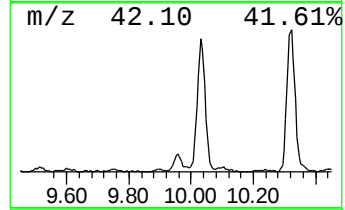
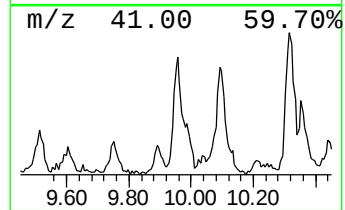
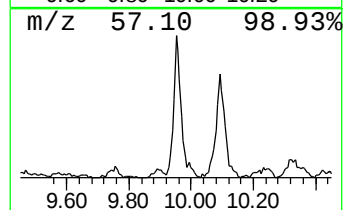
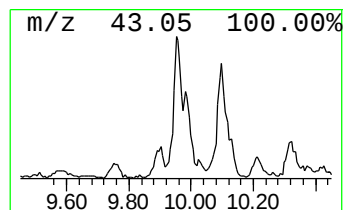
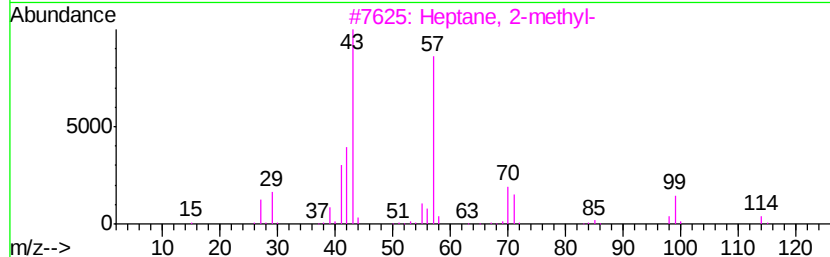
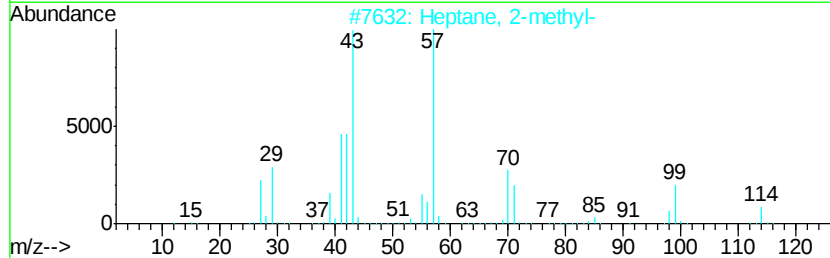
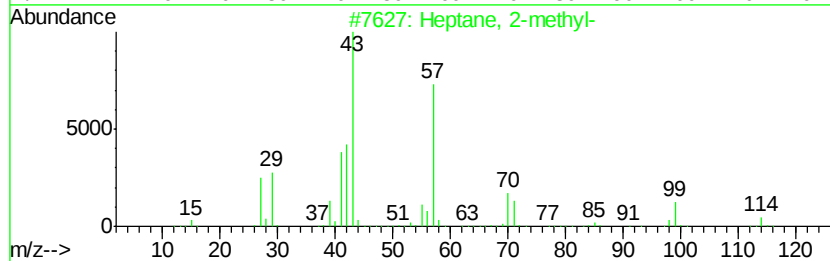
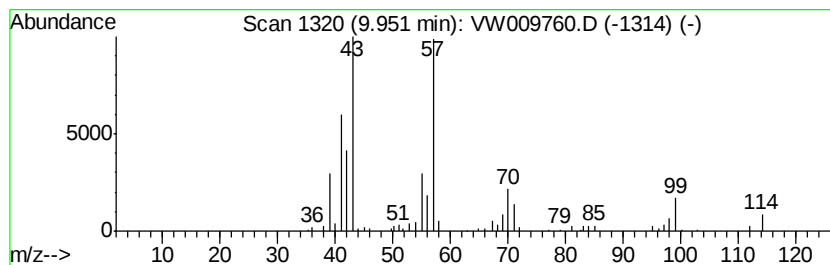
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Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	2.07 ug/L	78971	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
2		Heptane, 2-methyl-	114	C8H18	000592-27-8	91
3		Heptane, 2-methyl-	114	C8H18	000592-27-8	83
4		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	58
5		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	53



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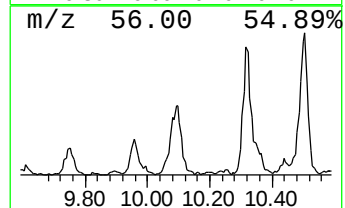
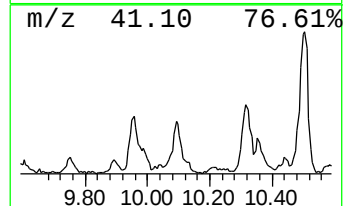
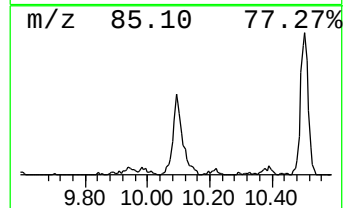
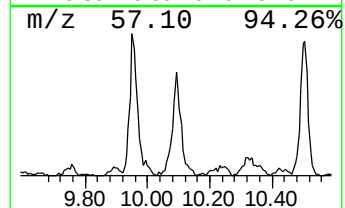
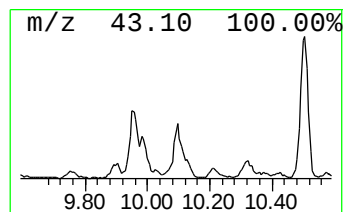
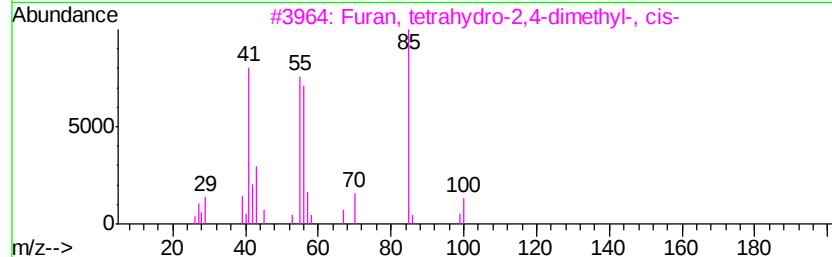
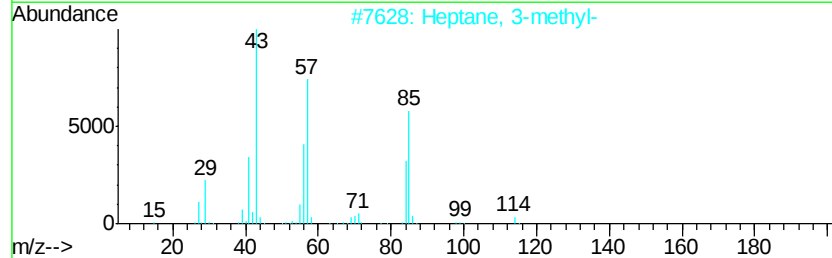
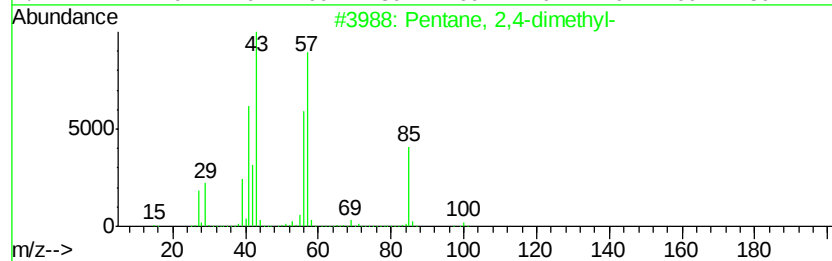
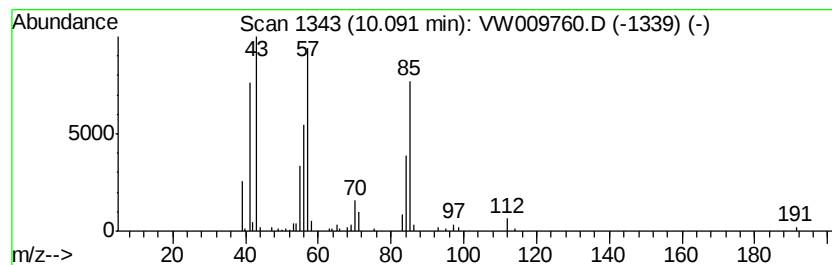
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	2.37 ug/L	90299	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	50
2		Heptane, 3-methyl-	114	C8H18	000589-81-1	47
3		Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-01-9	40
4		Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	38
5		Oxetane, 2-ethyl-3-methyl-	100	C6H12O	053778-62-4	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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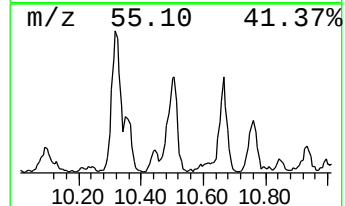
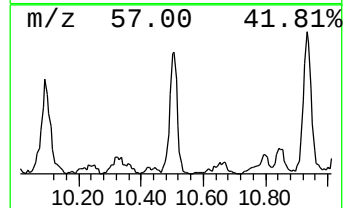
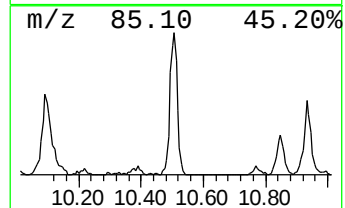
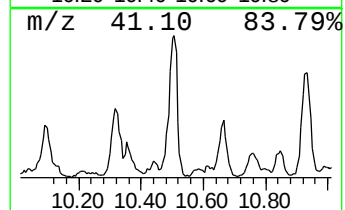
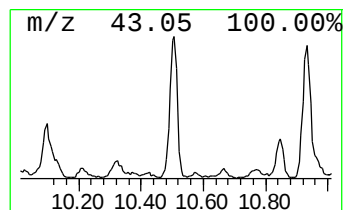
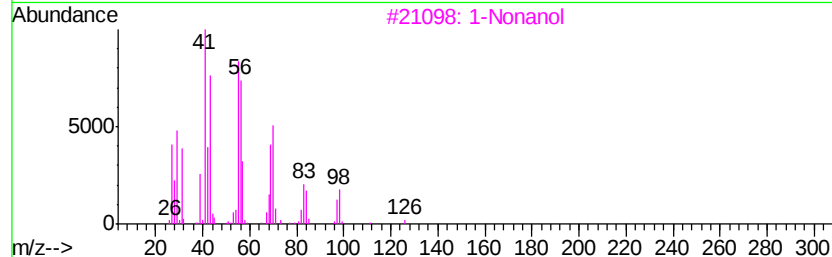
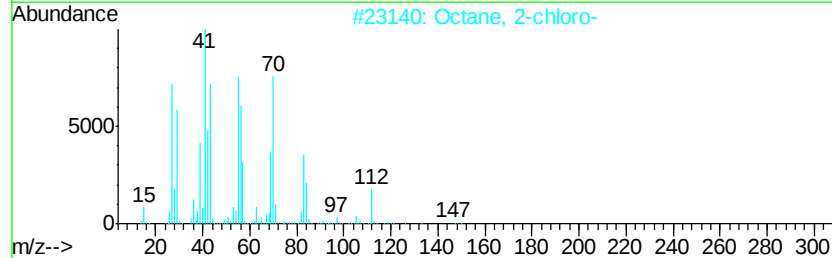
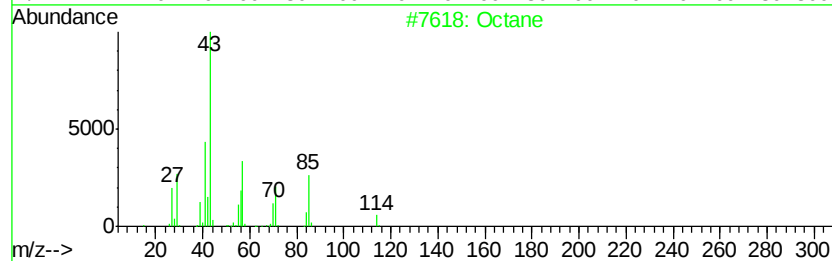
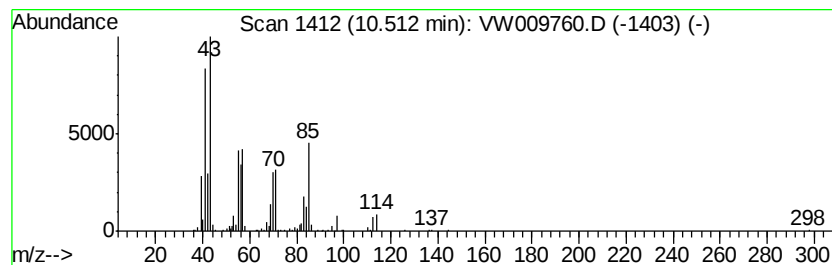
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	7.16 ug/L	214842	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane	114	C8H18	000111-65-9	58
2		Octane, 2-chloro-	148	C8H17Cl	000628-61-5	47
3		1-Nonanol	144	C9H20O	000143-08-8	47
4		1-Decanol	158	C10H22O	000112-30-1	47
5		1-Octanol, 3,7-dimethyl-, (S)-	158	C10H22O	068680-98-8	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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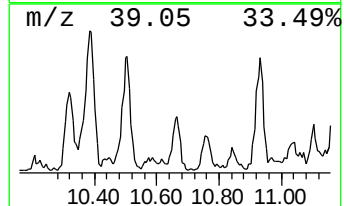
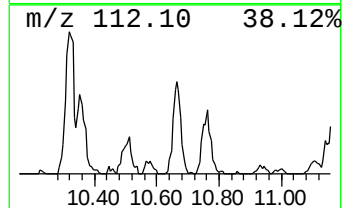
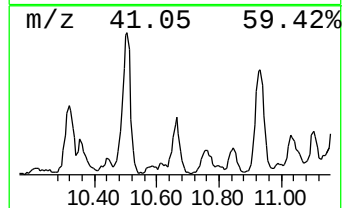
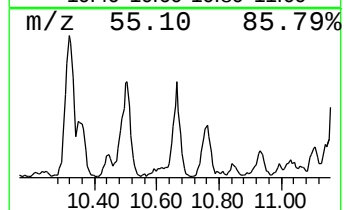
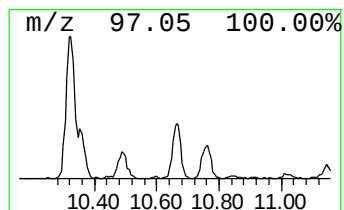
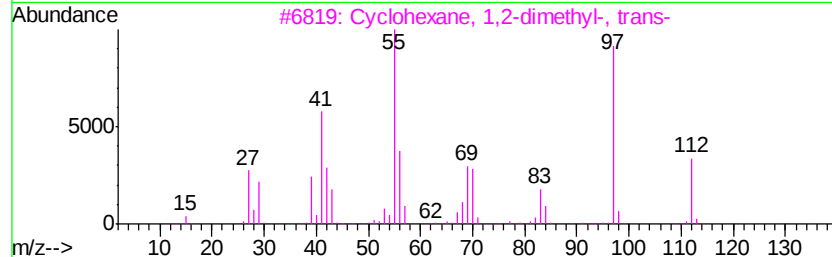
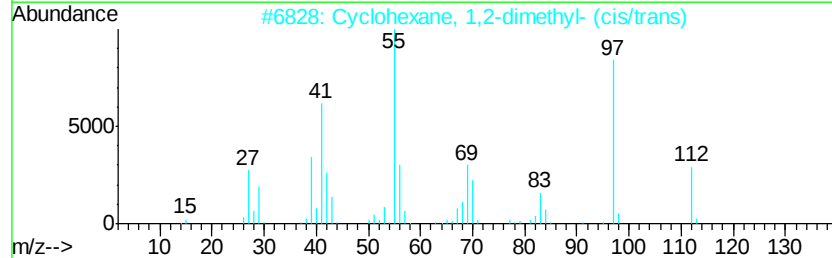
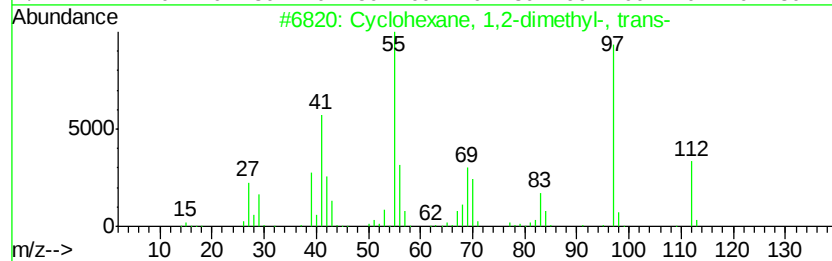
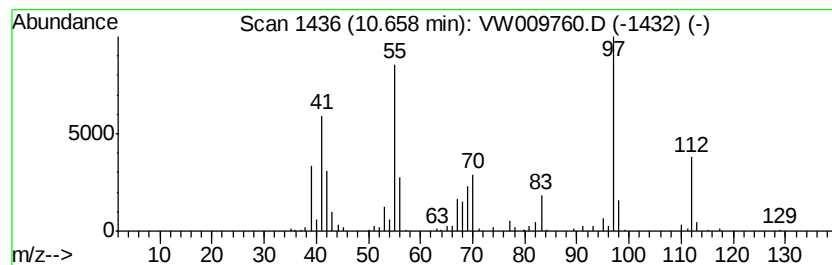
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Cyclic10.66 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	2.56 ug/L	76652	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	95
2		Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	94
3		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	93
4		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
5		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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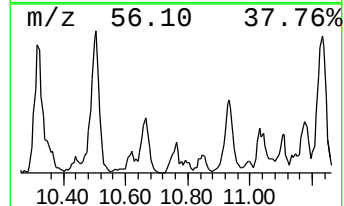
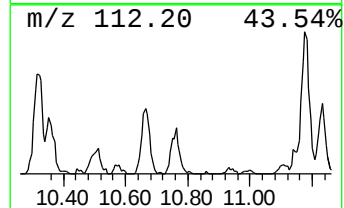
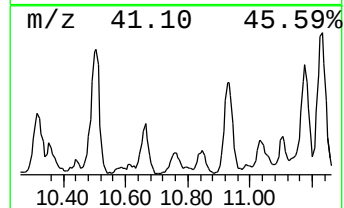
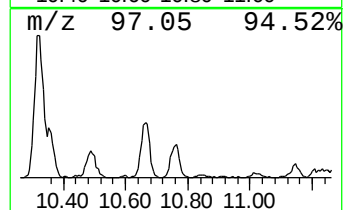
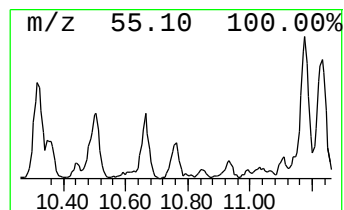
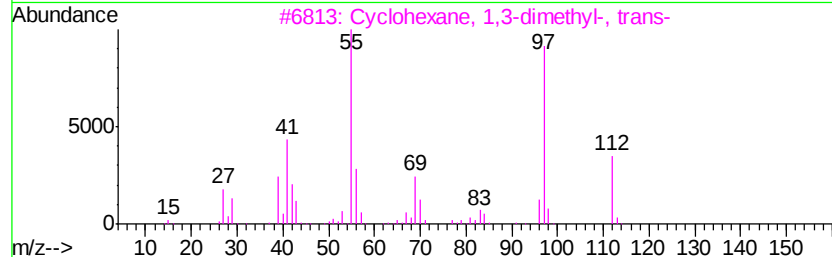
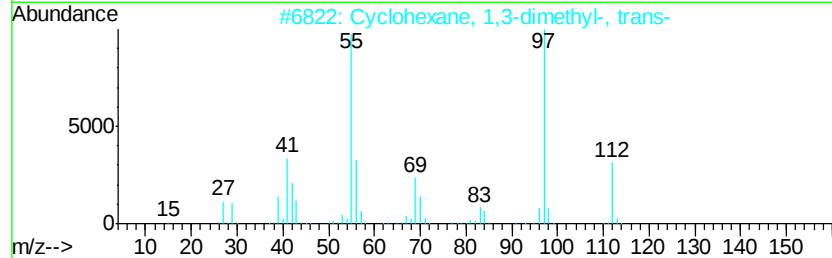
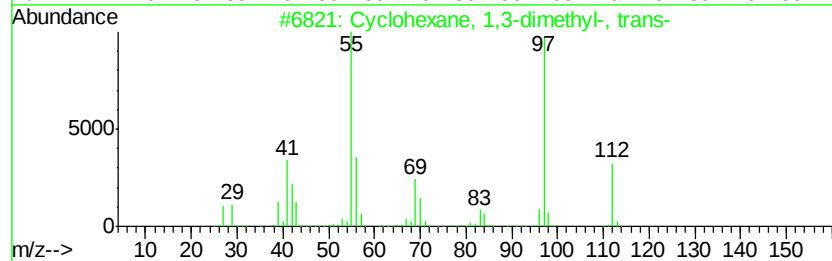
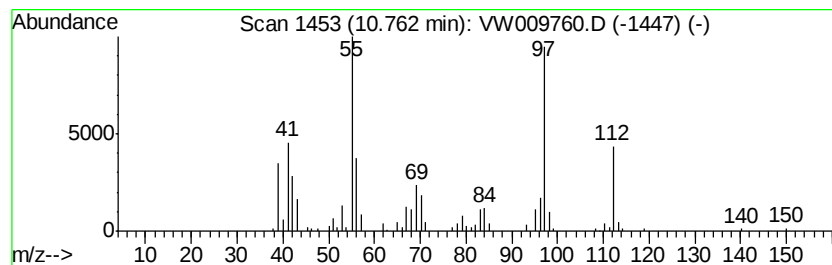
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Cyclic10.76 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	1.66 ug/L	49818	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
2			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93
3			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93
4			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93
5			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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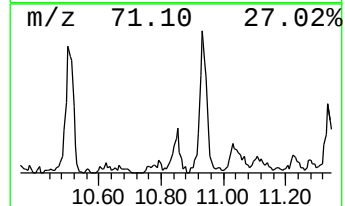
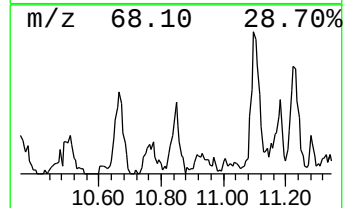
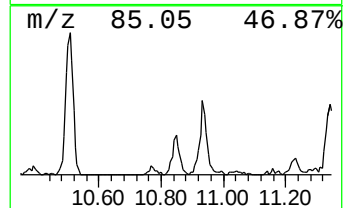
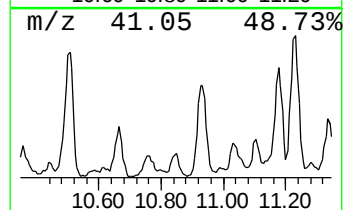
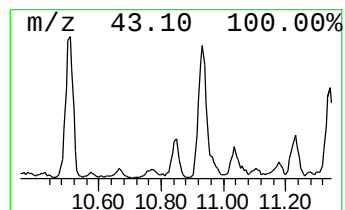
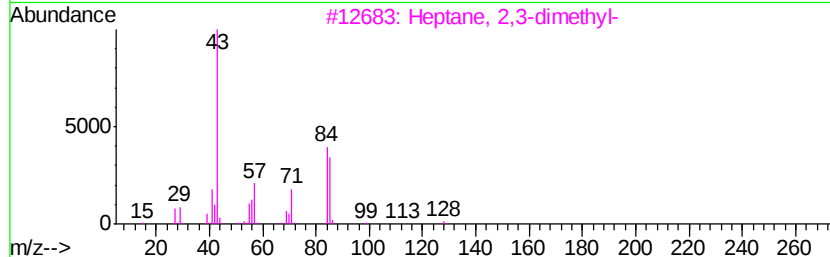
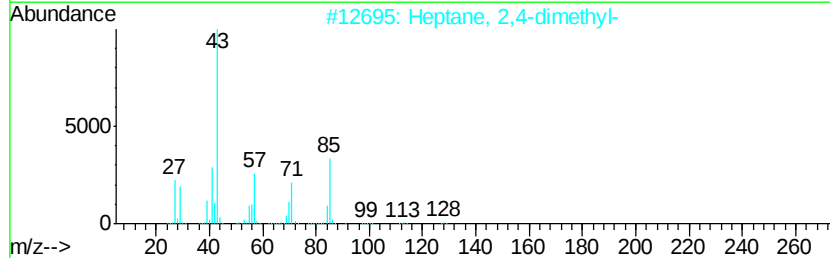
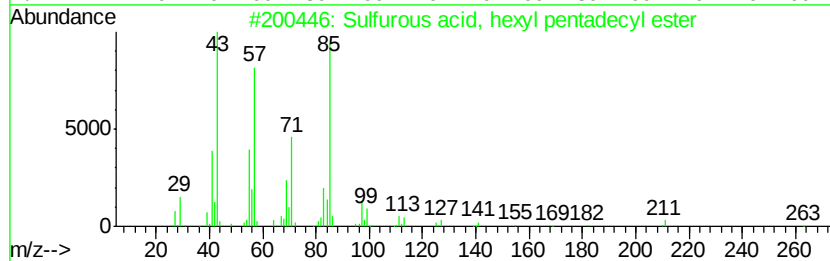
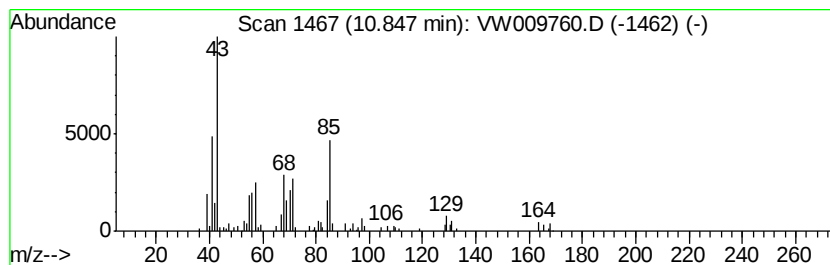
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Quant Title : VOC Analysis

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

Peak Number 8 unknown-01 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	1.42 ug/L	42573	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	47
2		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	47
3		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	43
4		Octane, 4-methyl-	128	C9H20	002216-34-4	43
5		Tridecane, 5-methyl-	198	C14H30	025117-31-1	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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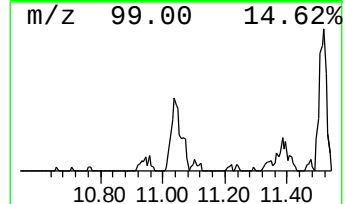
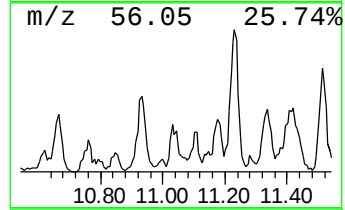
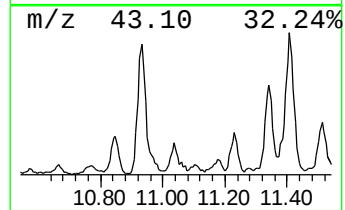
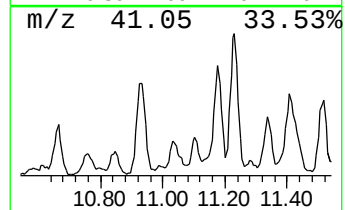
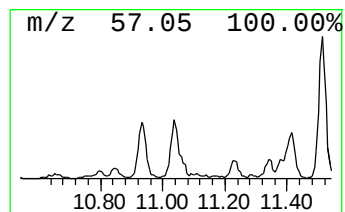
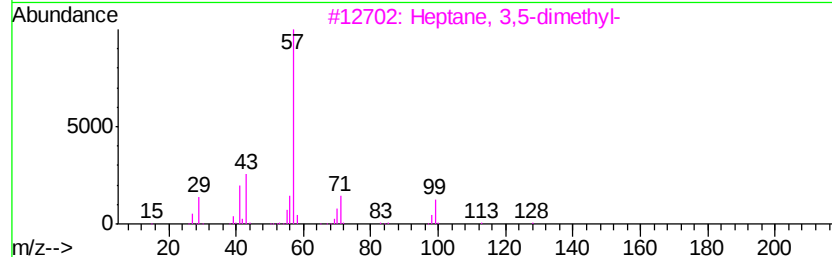
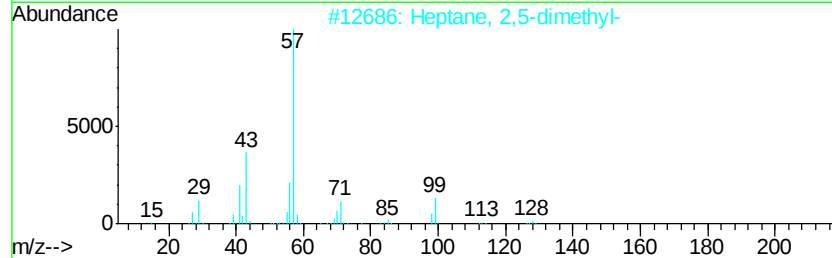
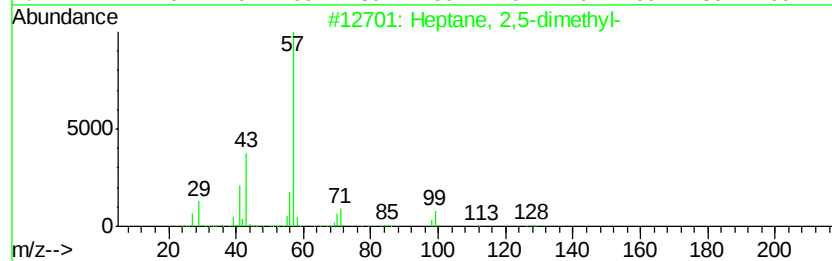
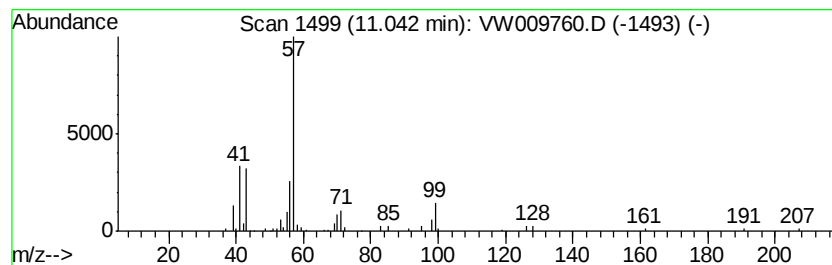
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	1.48 ug/L	44461	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
2		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	80
3		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	64
4		Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	53
5		Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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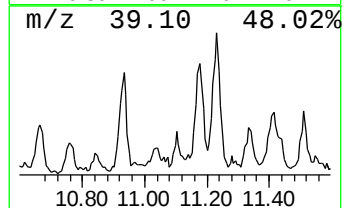
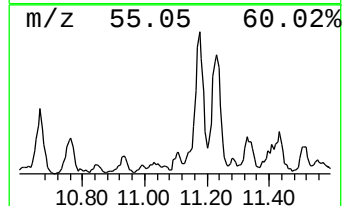
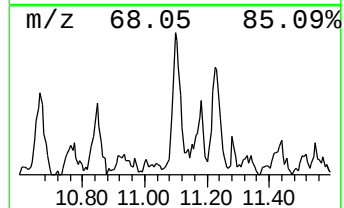
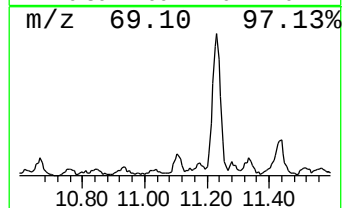
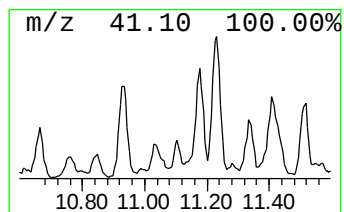
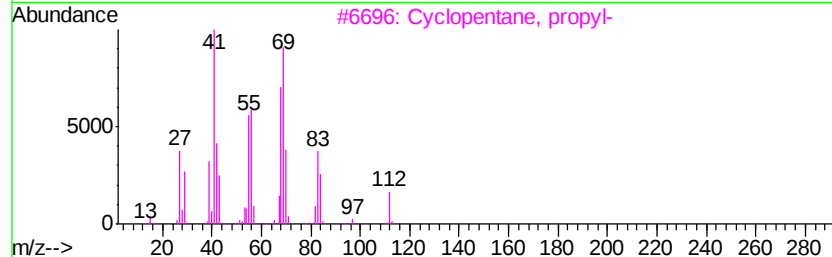
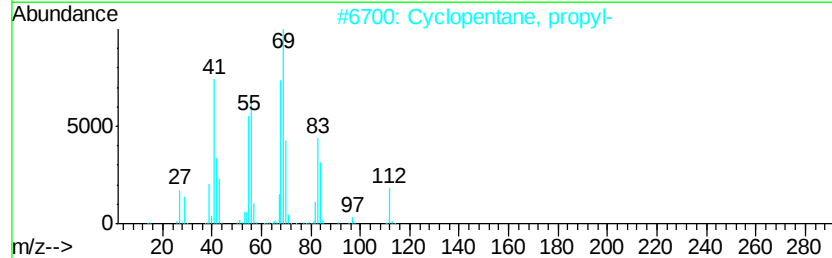
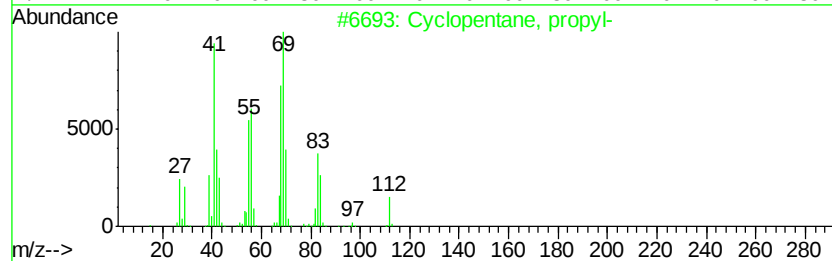
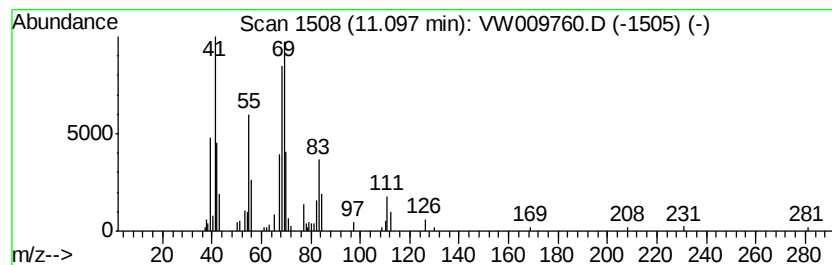
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Cyclic11.10 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	1.26 ug/L	37718	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, propyl-	112	C8H16	002040-96-2	87
2			Cyclopentane, propyl-	112	C8H16	002040-96-2	80
3			Cyclopentane, propyl-	112	C8H16	002040-96-2	49
4			1-Pentene, 3-methyl-	84	C6H12	000760-20-3	46
5			Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF654

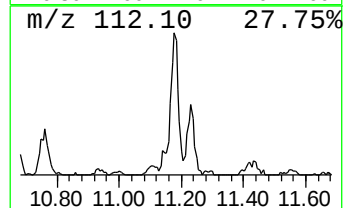
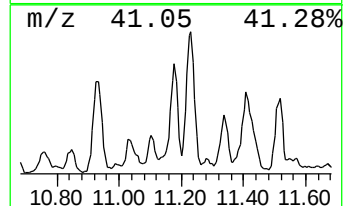
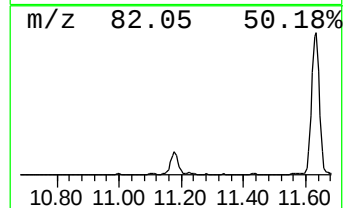
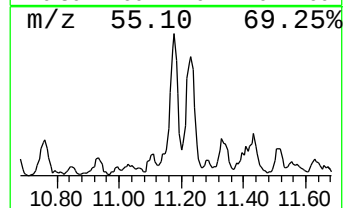
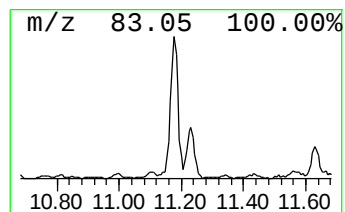
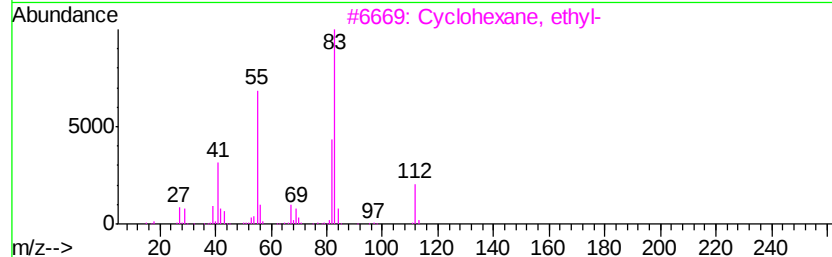
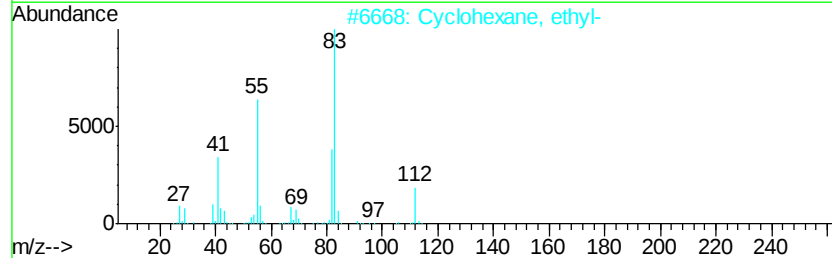
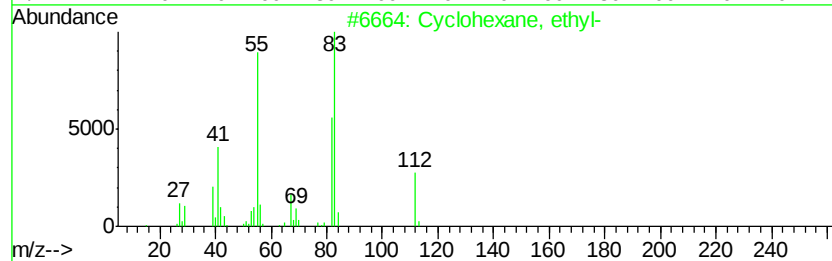
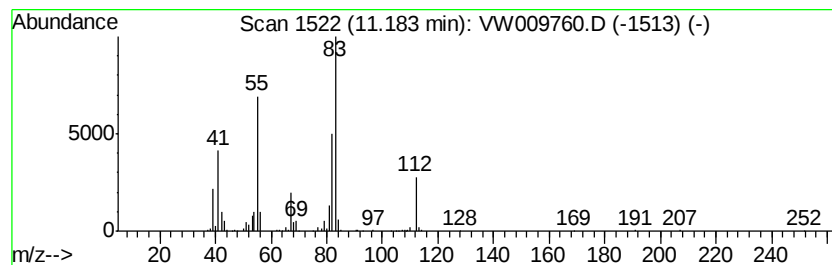
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Cyclic11.18 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	6.43 ug/L	192972	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	83
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	83
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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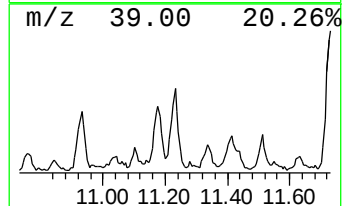
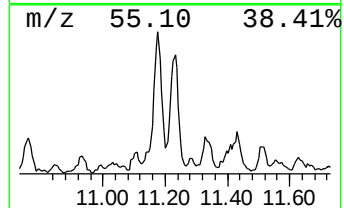
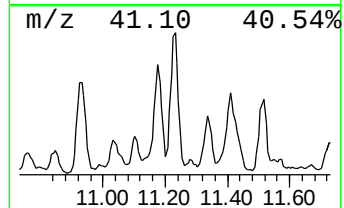
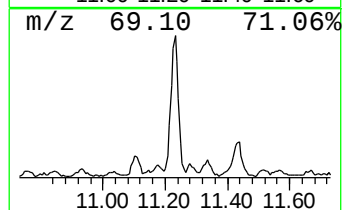
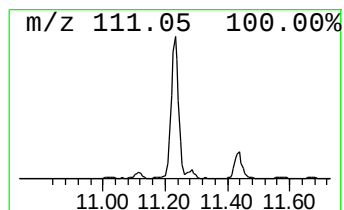
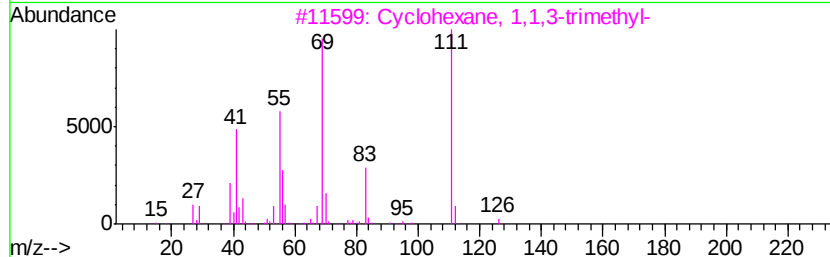
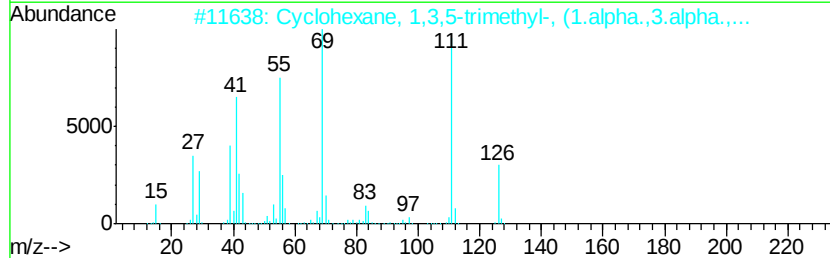
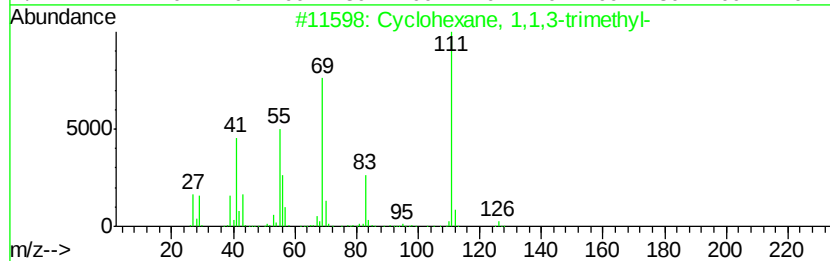
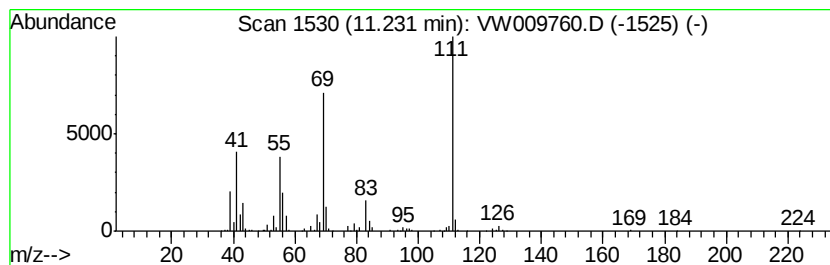
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Cyclic11.23 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	9.00 ug/L	270044	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
2		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	72
3		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	70
4		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	70
5		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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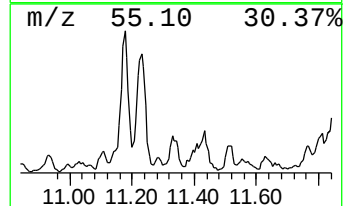
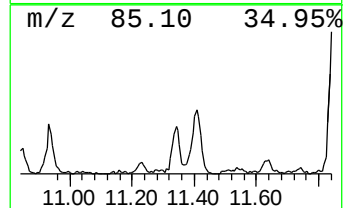
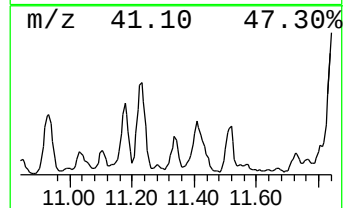
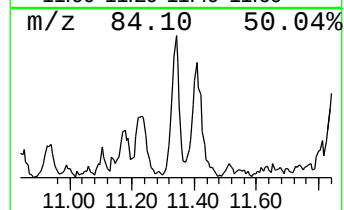
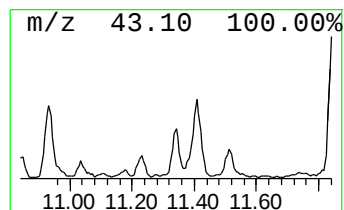
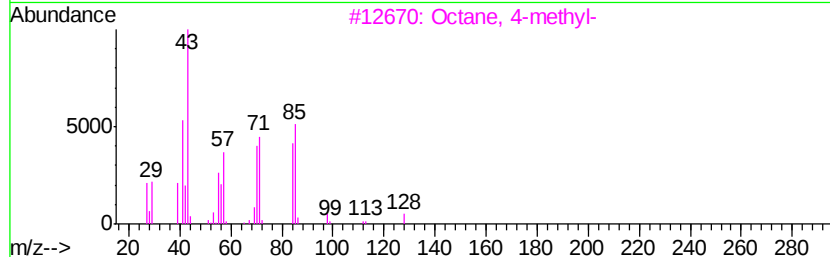
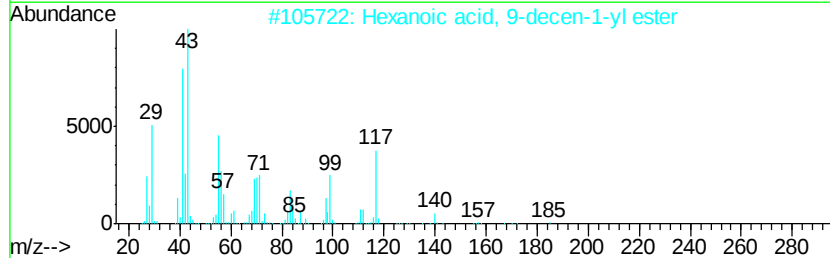
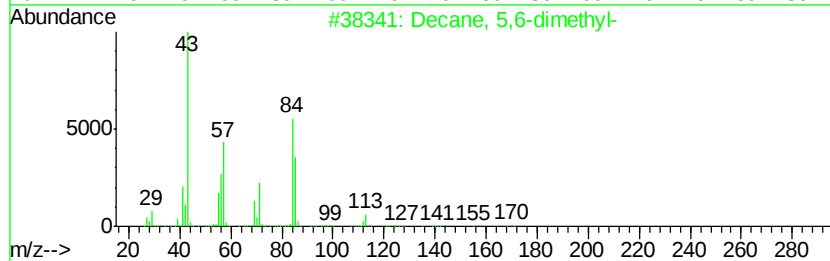
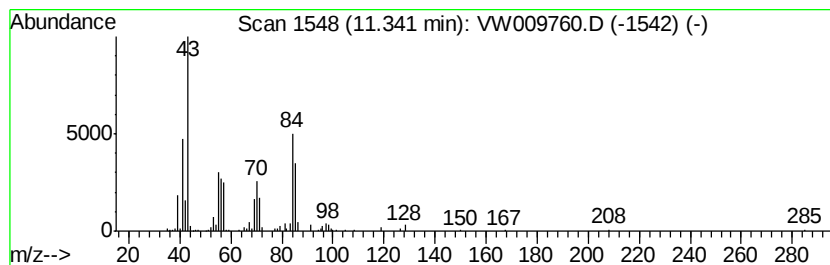
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	2.94 ug/L	88211	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	59
2			Hexanoic acid, 9-decen-1-yl ester	254	C16H30O2	180252-09-9	50
3			Octane, 4-methyl-	128	C9H20	002216-34-4	49
4			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	49
5			Hexane, 3-ethyl-	114	C8H18	000619-99-8	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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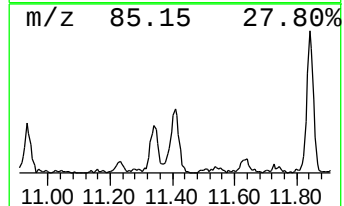
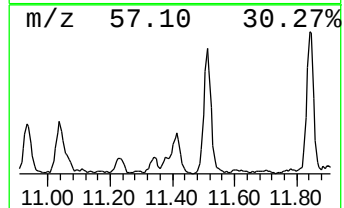
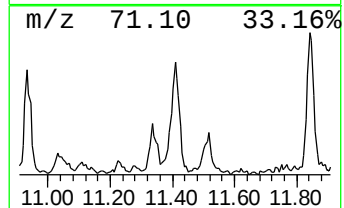
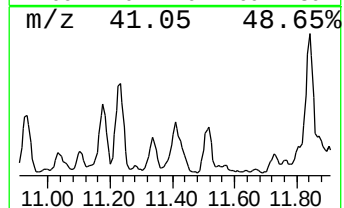
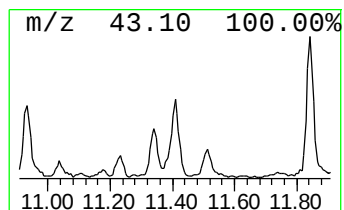
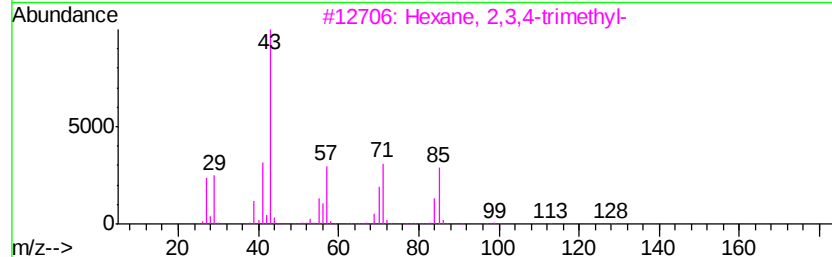
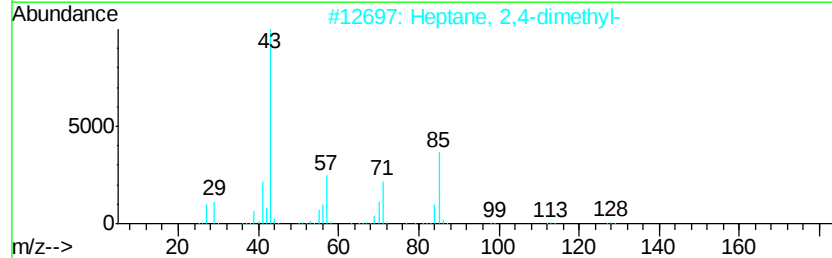
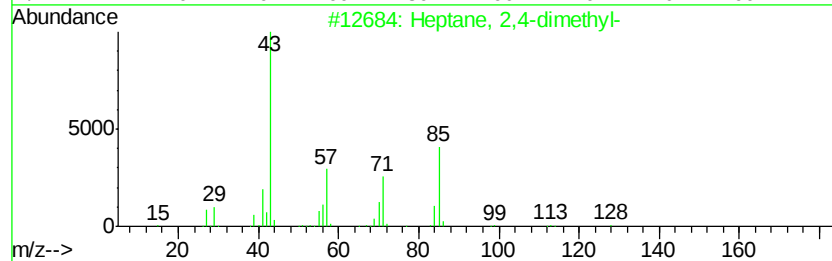
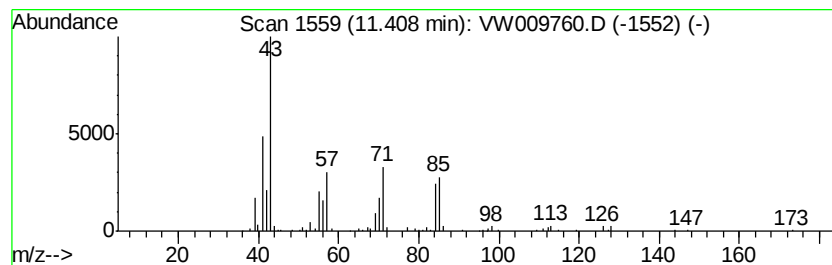
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Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	6.78 ug/L	203263	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
2			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
3			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
4			Decane	142	C10H22	000124-18-5	59
5			Ether, hexyl pentyl	172	C11H24O	032357-83-8	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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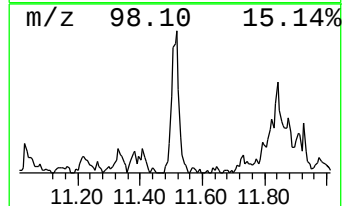
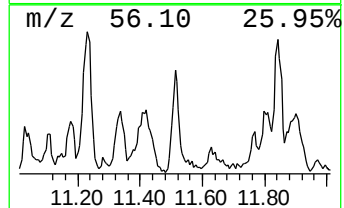
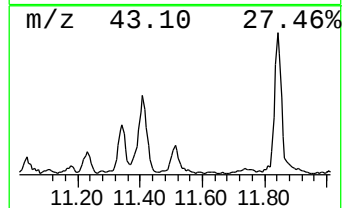
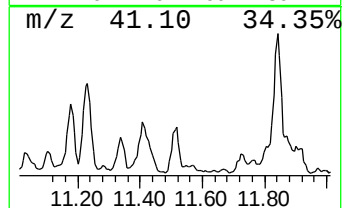
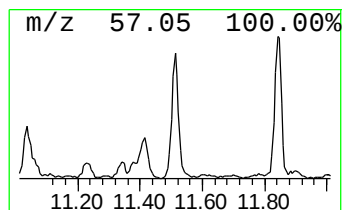
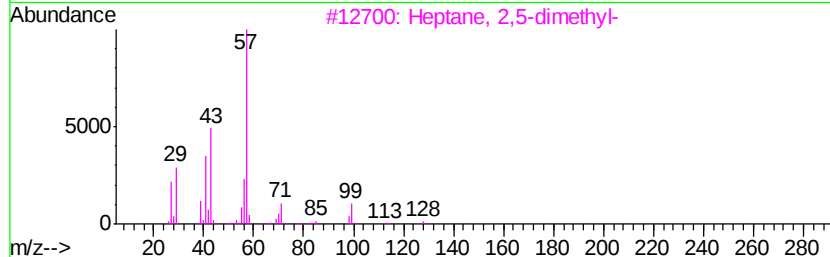
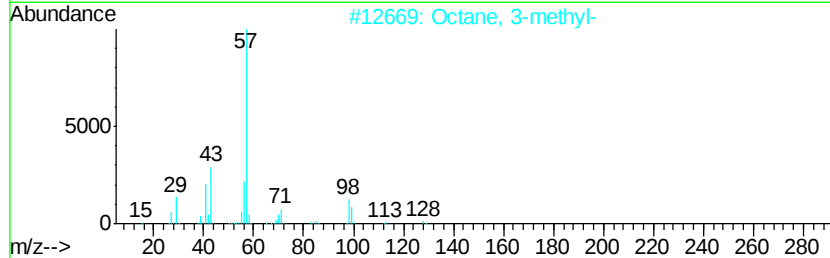
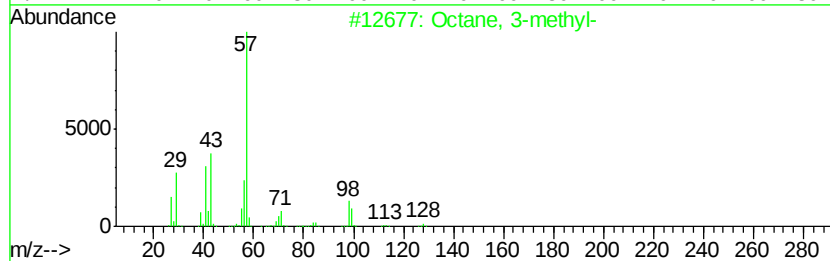
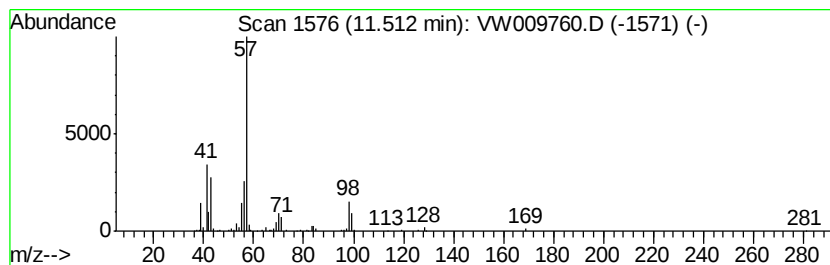
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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	3.66 ug/L	109619	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3-methyl-	128	C9H20	002216-33-3	87
2		Octane, 3-methyl-	128	C9H20	002216-33-3	80
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
4		Heptane, 4-propyl-	142	C10H22	003178-29-8	53
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF654

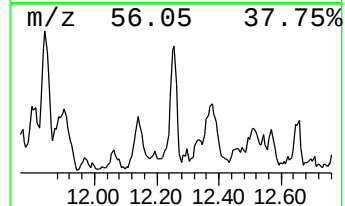
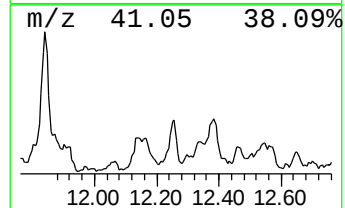
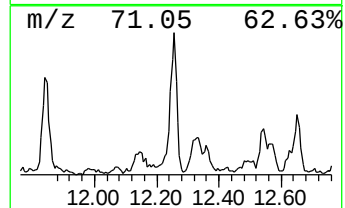
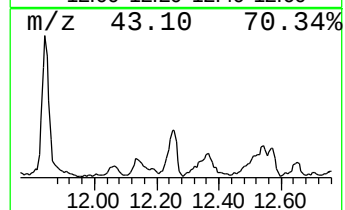
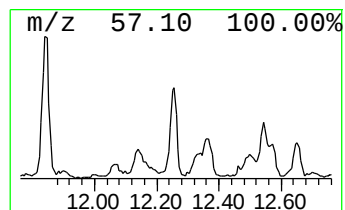
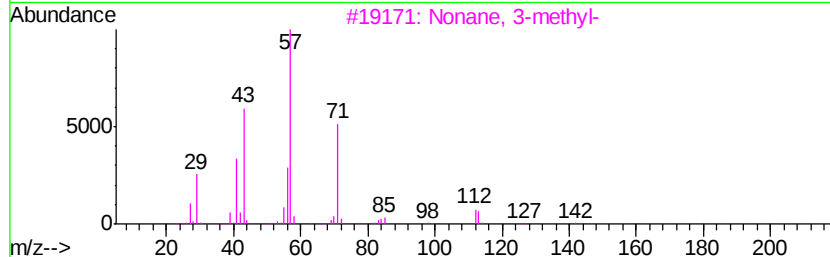
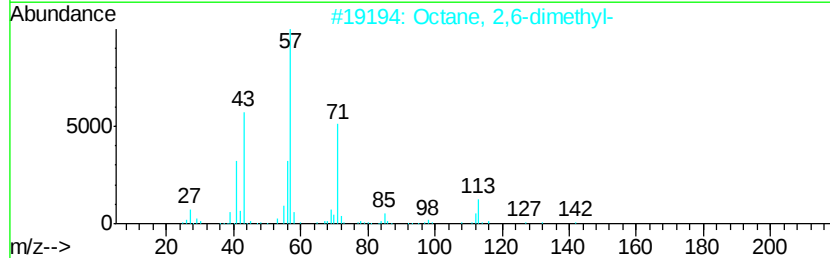
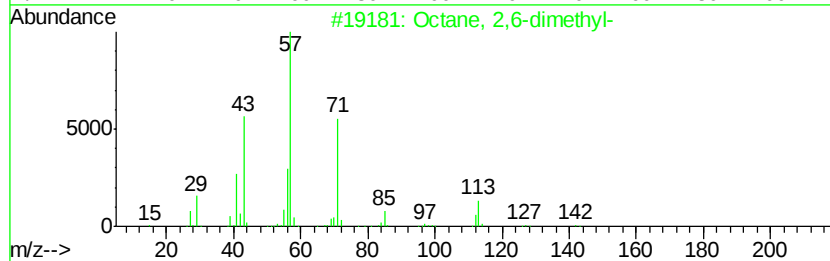
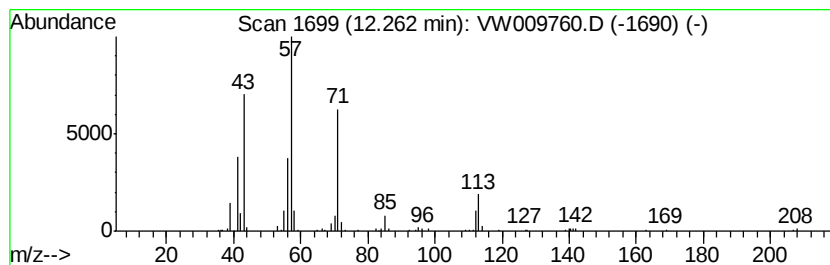
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	3.94 ug/L	118093	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	83
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	80
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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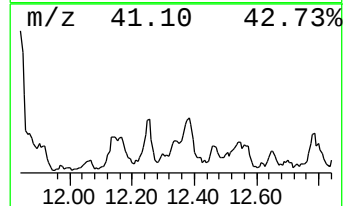
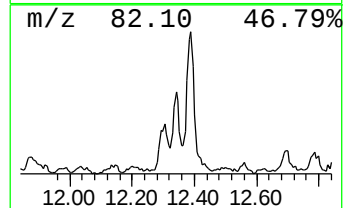
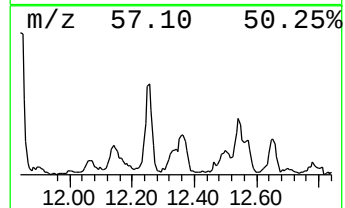
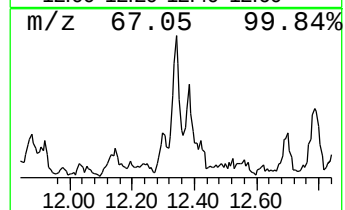
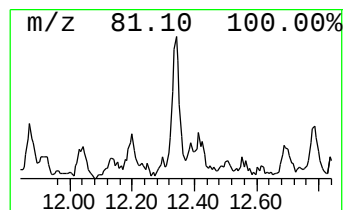
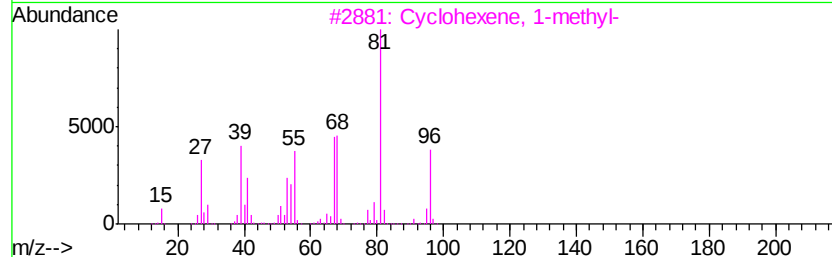
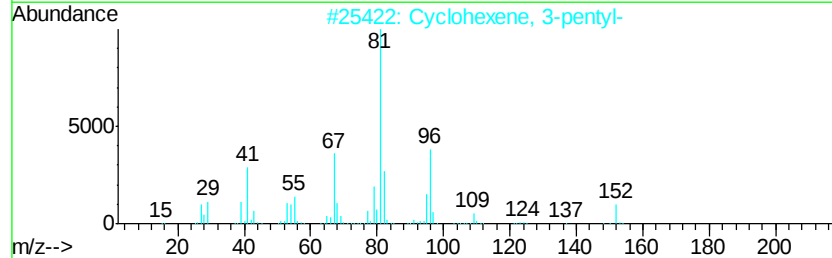
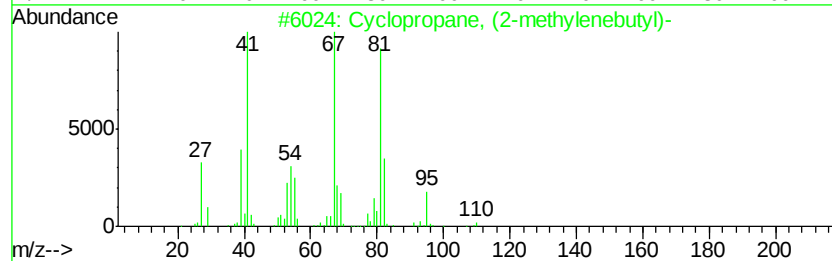
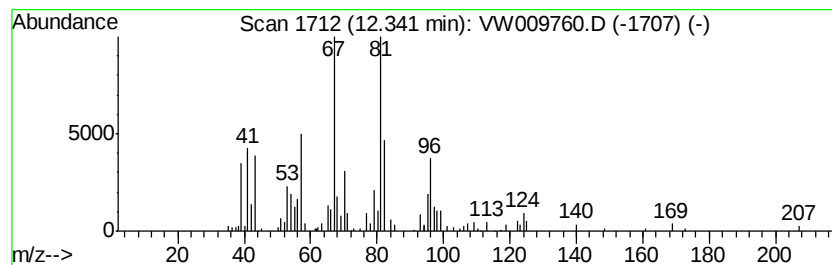
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Quant Title : VOC Analysis

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

Peak Number 17 Cyclopropane, (2-methyleneb... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	2.98 ug/L	89333	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropane, (2-methylenebutyl)-	110	C8H14	074685-56-6	58
2		Cyclohexene, 3-pentyl-	152	C11H20	015232-92-5	47
3		Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	43
4		1,3-Pentadiene, 3-methyl-, (E)-	82	C6H10	002787-43-1	41
5		1,4-Hexadiene	82	C6H10	000592-45-0	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF654

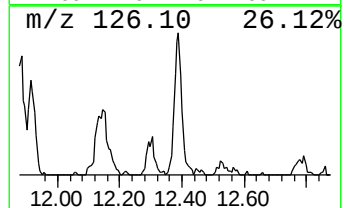
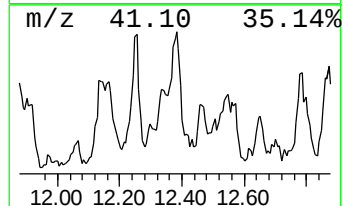
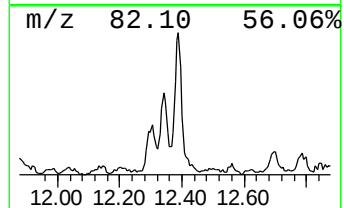
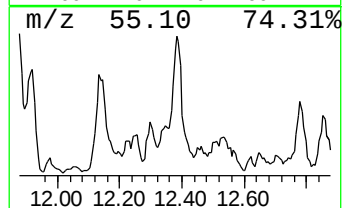
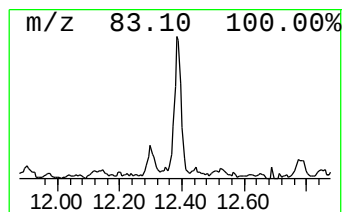
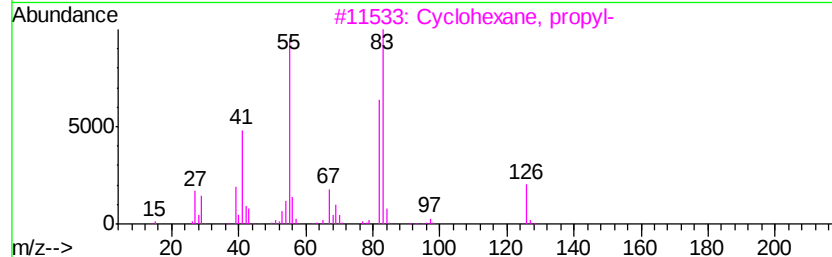
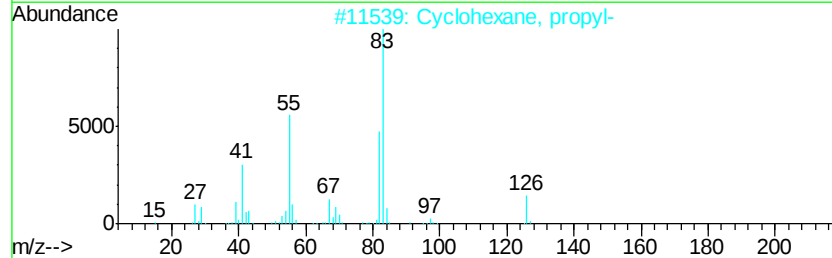
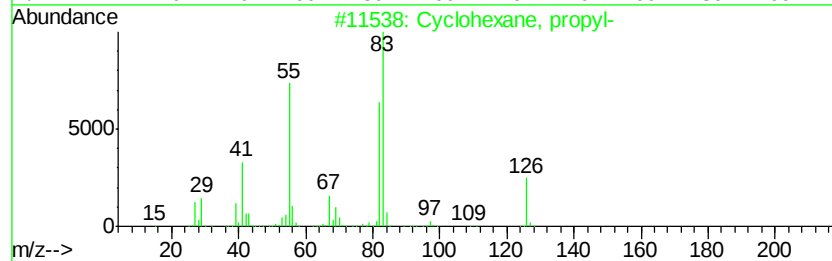
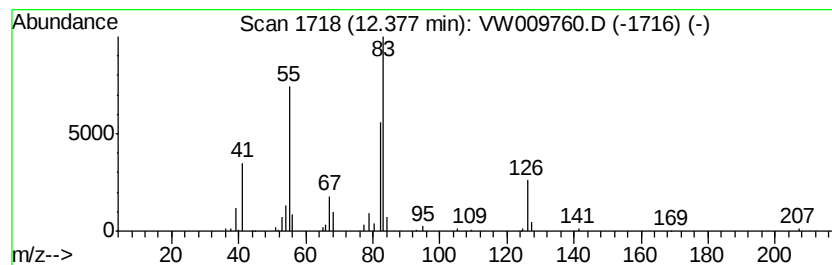
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Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Cyclic12.38 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	3.83 ug/L	114774	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	80
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	78
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	78
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	56



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
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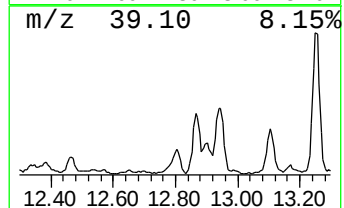
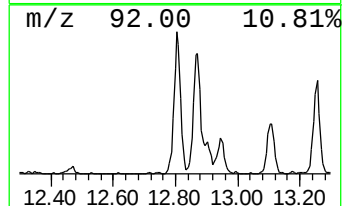
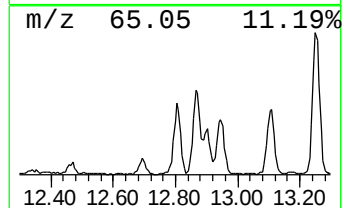
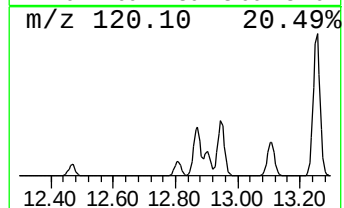
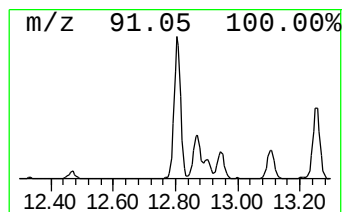
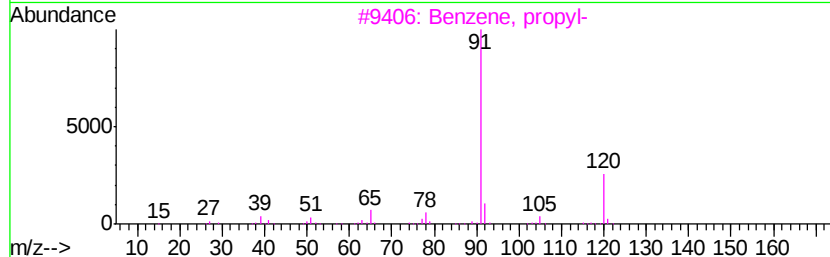
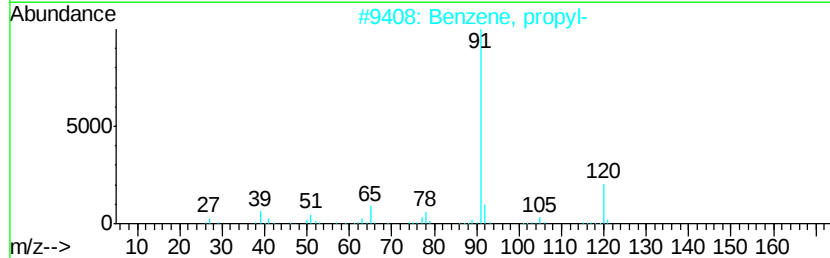
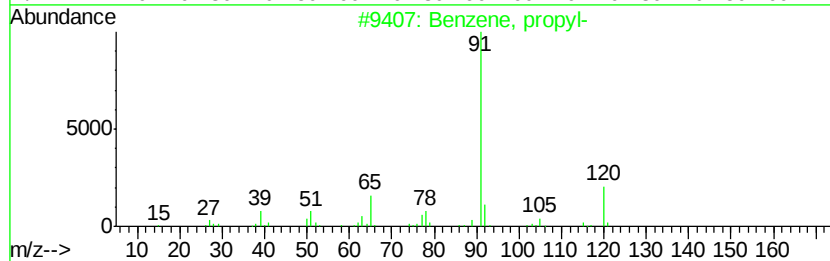
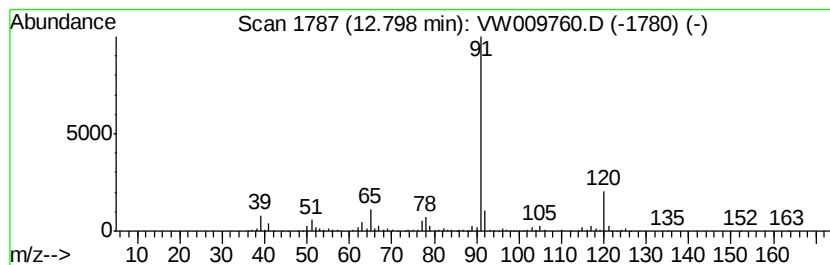
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Quant Title : VOC Analysis

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

Peak Number 19 Benzene, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	8.11 ug/L	449222	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	94
2		Benzene, propyl-	120	C9H12	000103-65-1	90
3		Benzene, propyl-	120	C9H12	000103-65-1	87
4		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
5		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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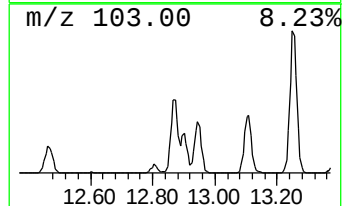
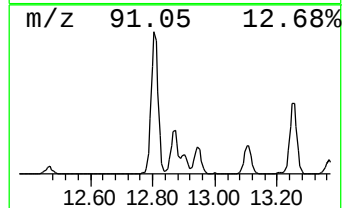
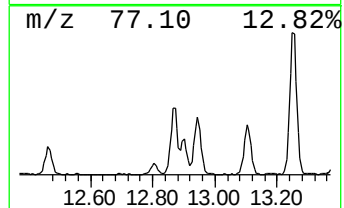
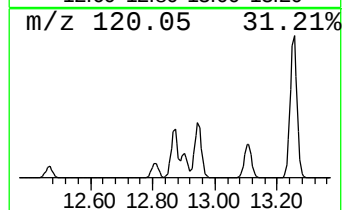
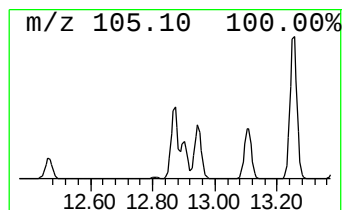
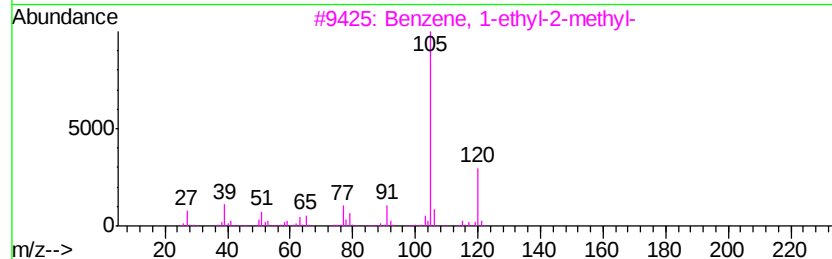
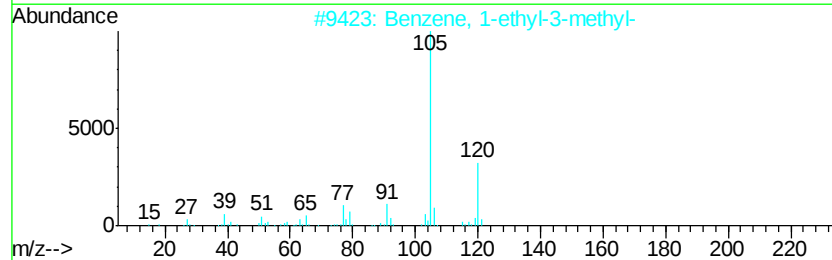
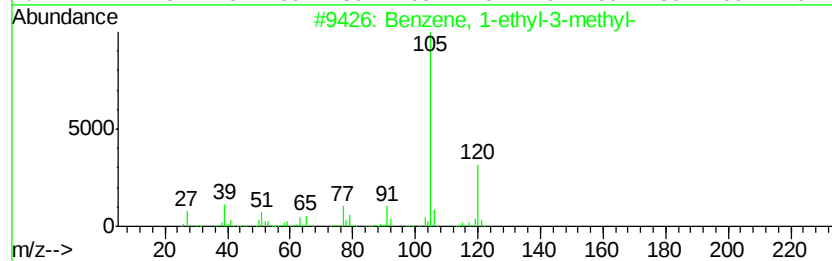
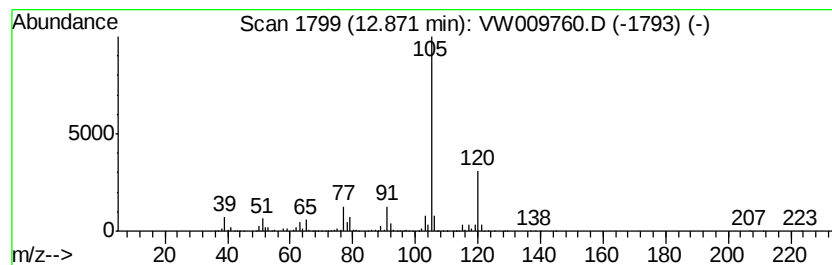
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Quant Title : VOC Analysis

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

Peak Number 20 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	20.78 ug/L	1150730	1,4-Dichlorobenzene-d4	13.56

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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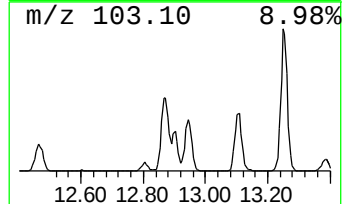
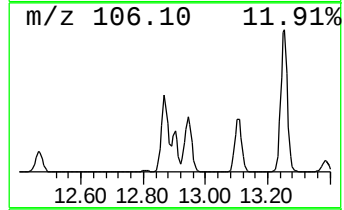
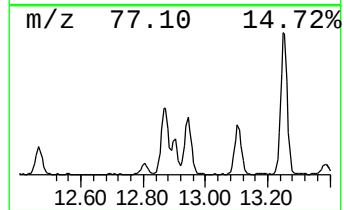
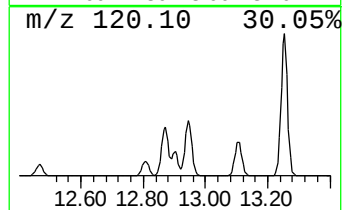
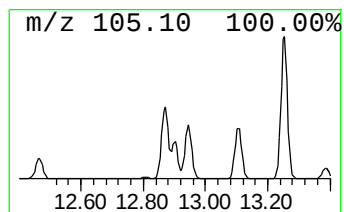
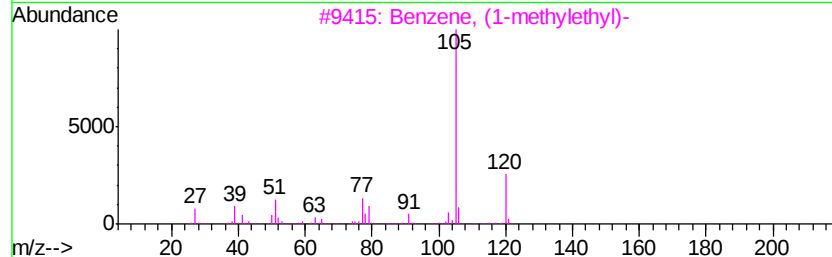
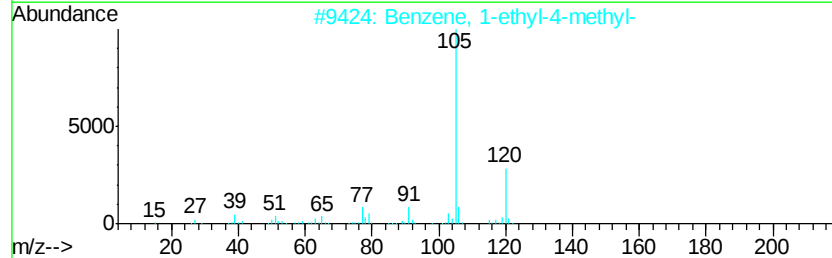
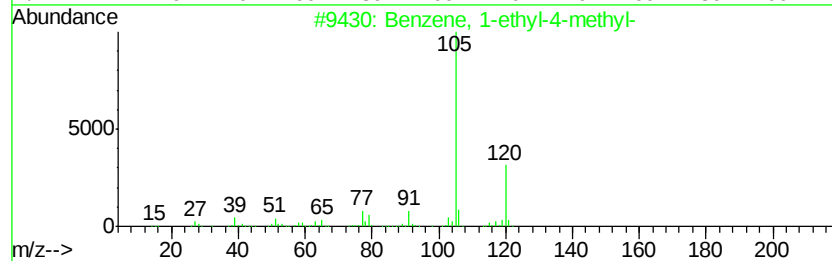
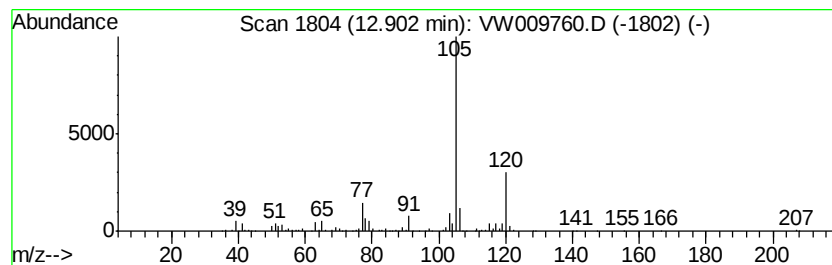
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Quant Title : VOC Analysis

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

Peak Number 21 Benzene, 1-ethyl-4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	9.21 ug/L	510091	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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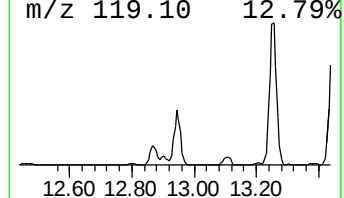
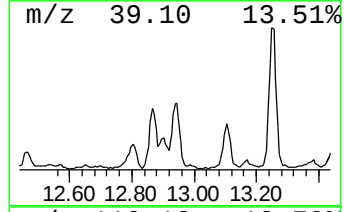
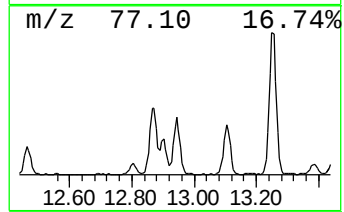
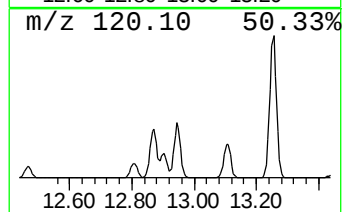
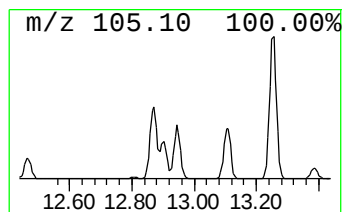
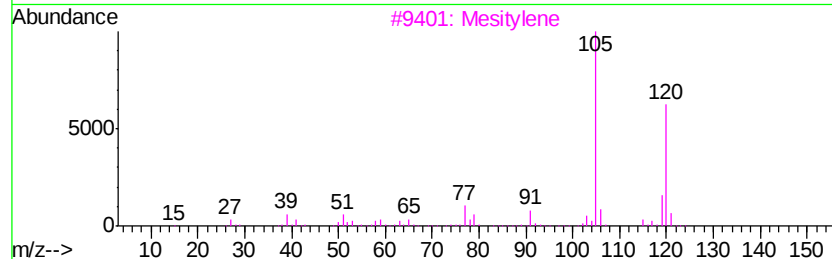
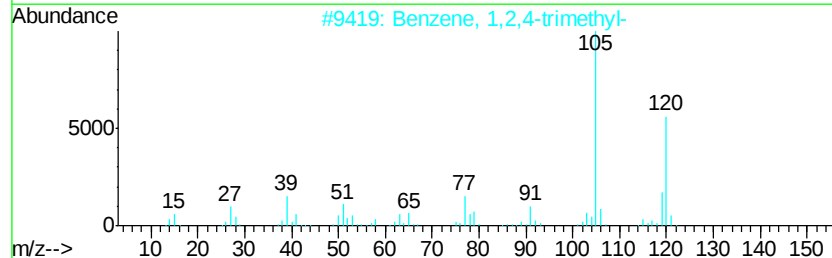
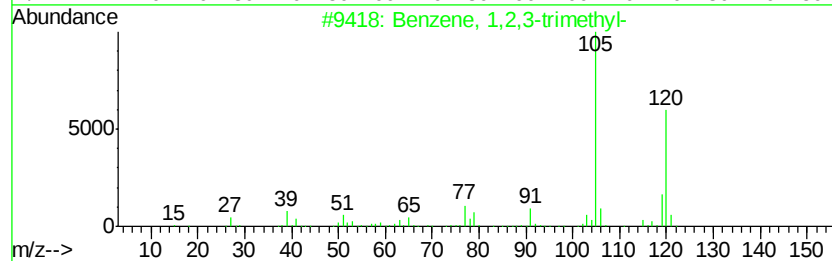
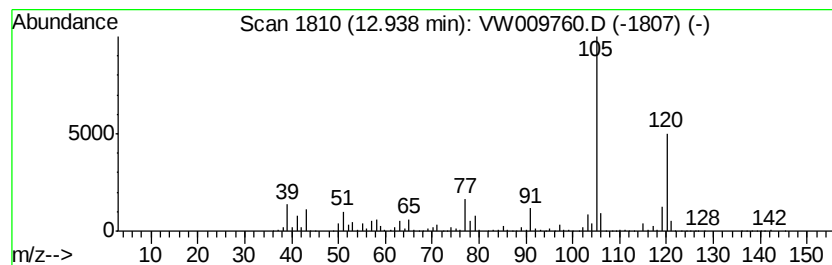
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Quant Title : VOC Analysis

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

Peak Number 22 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	20.73 ug/L	1148150	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	95
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3		Mesitylene	120	C9H12	000108-67-8	94
4		Mesitylene	120	C9H12	000108-67-8	94
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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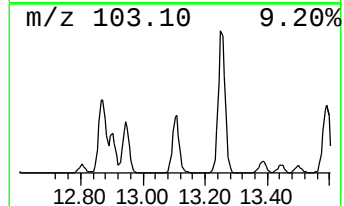
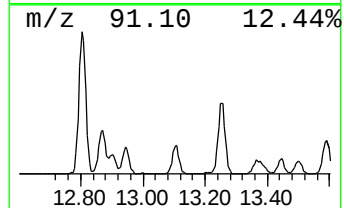
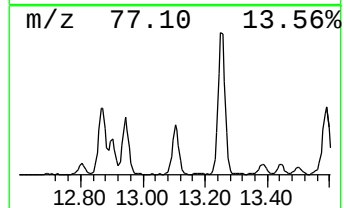
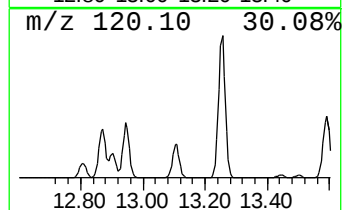
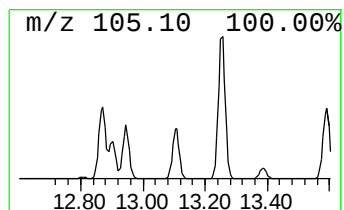
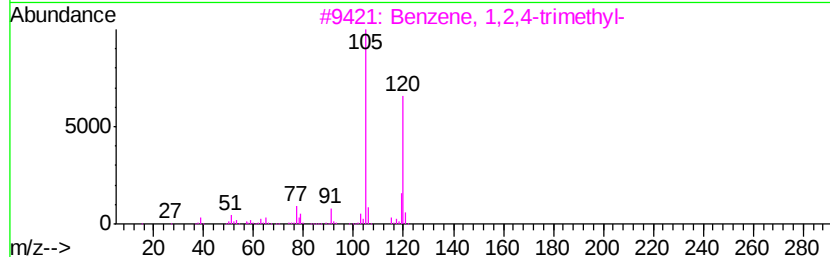
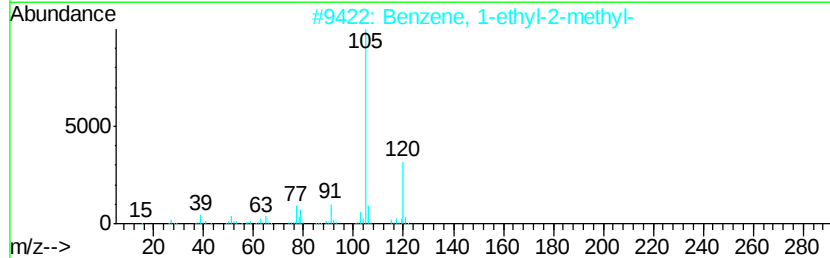
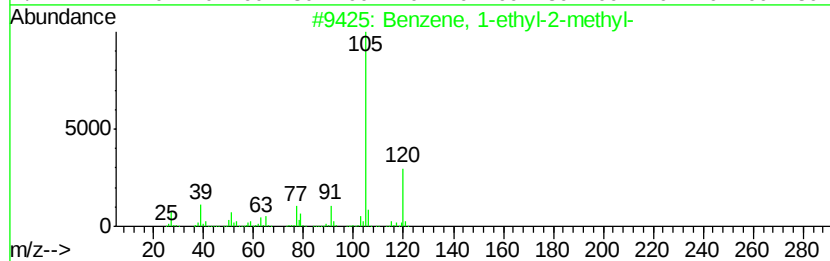
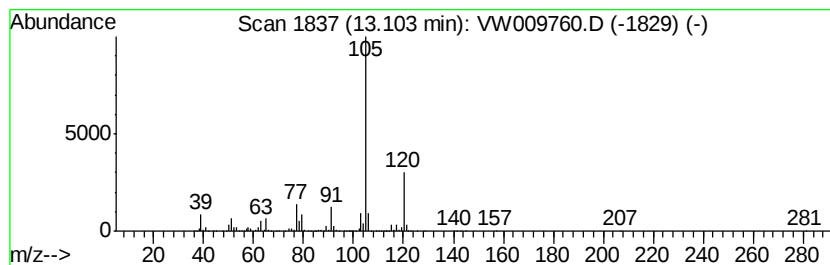
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	14.99 ug/L	830366	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	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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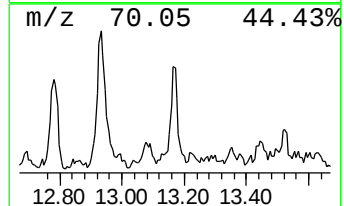
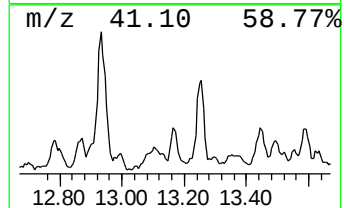
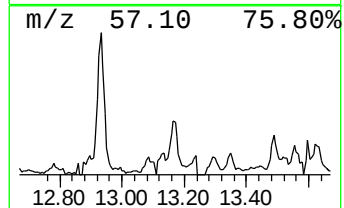
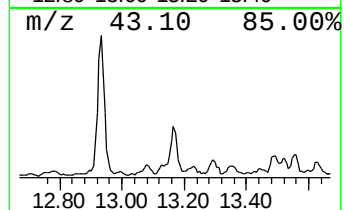
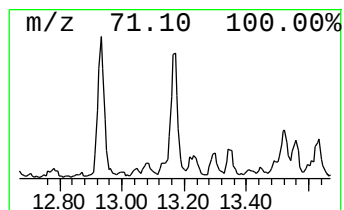
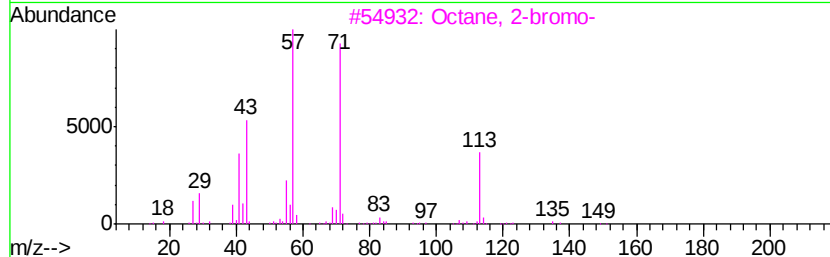
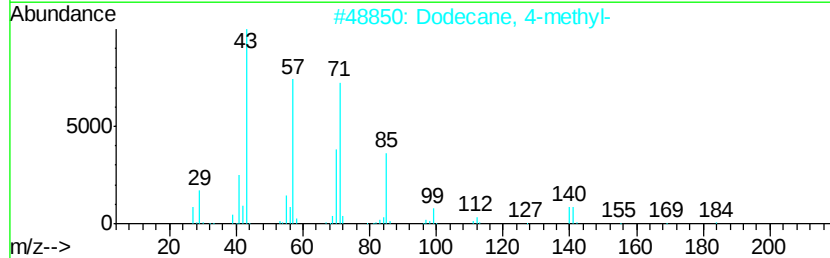
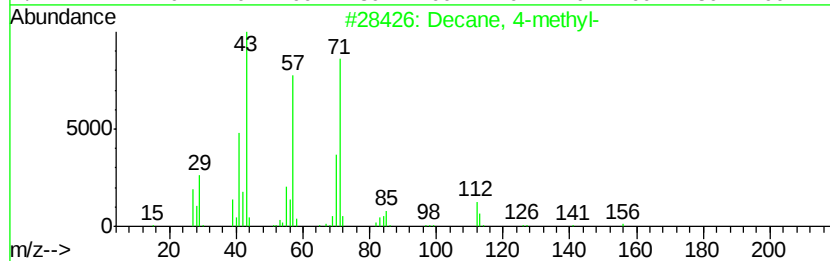
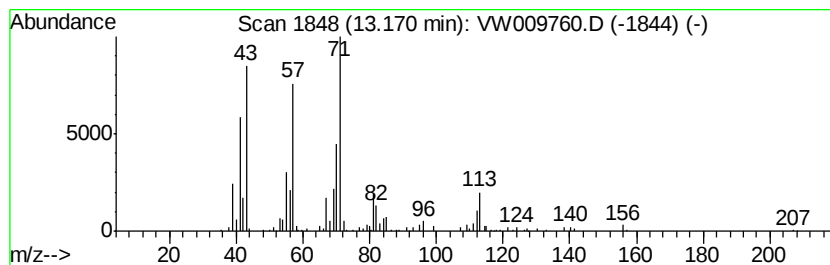
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Quant Title : VOC Analysis

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

Peak Number 24 Decane, 4-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.07 ug/L	114633	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	64
2		Dodecane, 4-methyl-	184	C13H28	006117-97-1	53
3		Octane, 2-bromo-	192	C8H17Br	000557-35-7	50
4		Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	50
5		Octane, 4-bromo-	192	C8H17Br	000999-06-4	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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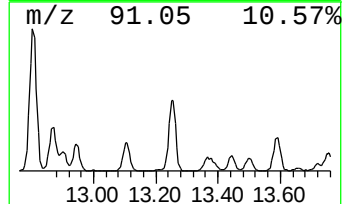
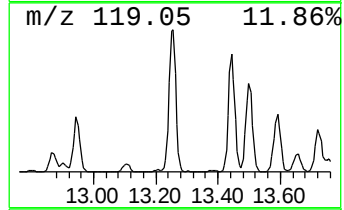
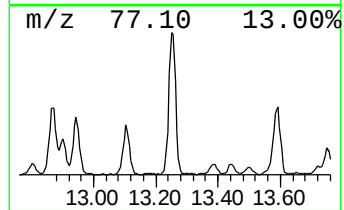
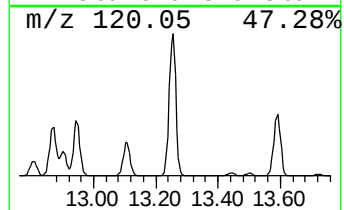
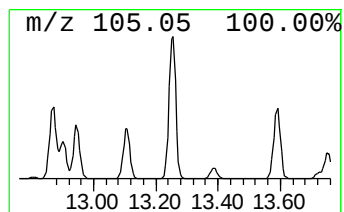
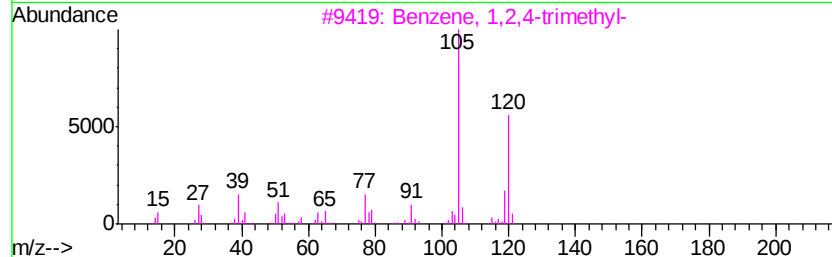
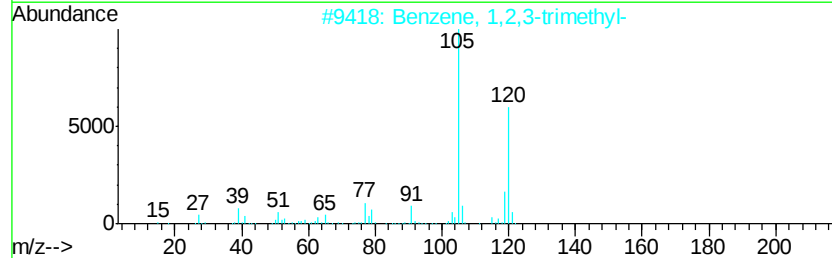
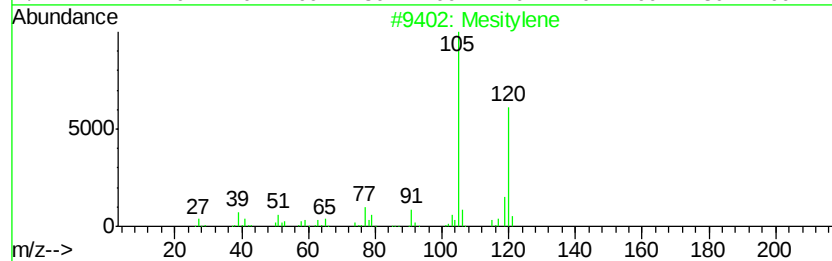
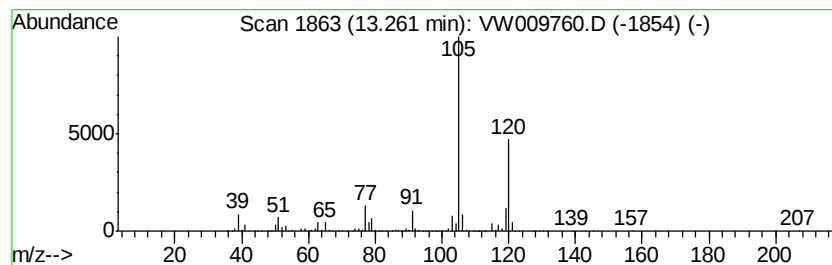
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Quant Title : VOC Analysis

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

Peak Number 25 Mesitylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	42.30 ug/L	2342650	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mesitylene	120	C9H12	000108-67-8	97
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5		Mesitylene	120	C9H12	000108-67-8	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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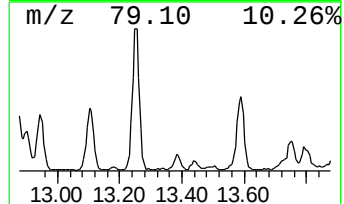
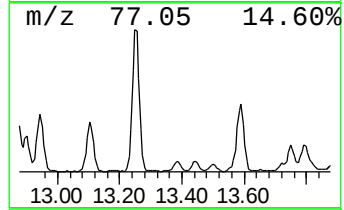
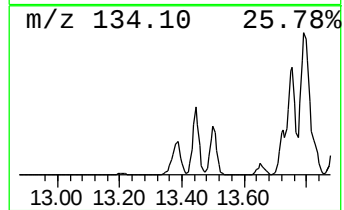
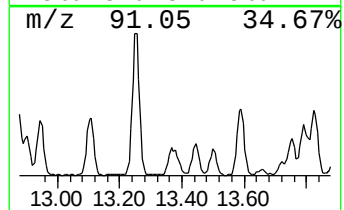
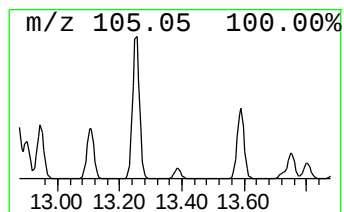
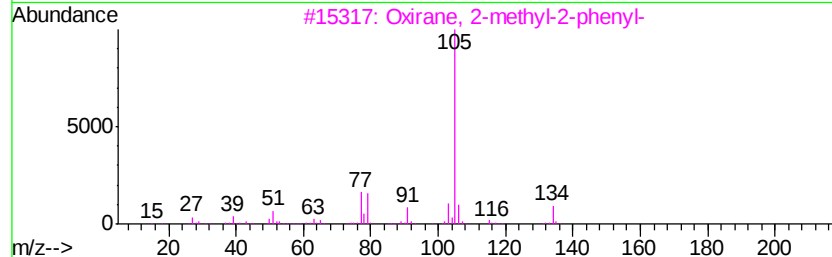
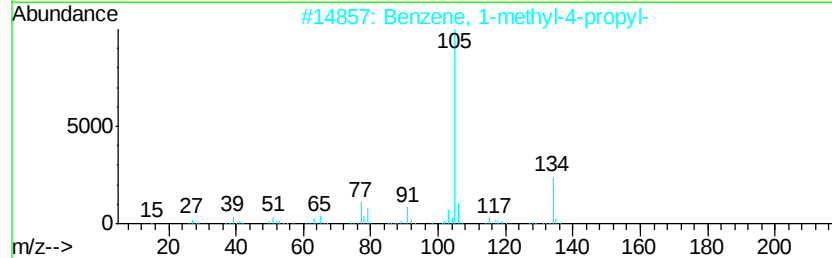
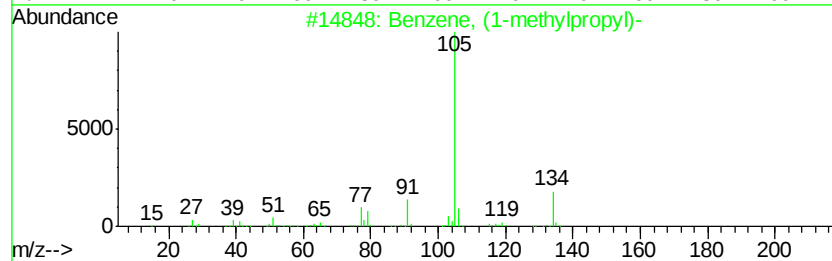
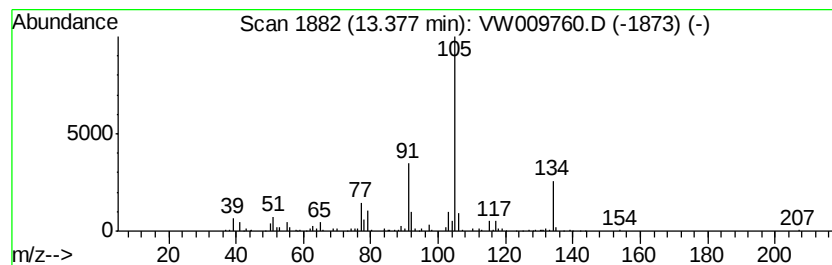
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Quant Title : VOC Analysis

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

Peak Number 26 Benzene, (1-methylpropyl)- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	3.66 ug/L	202759	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3		Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	90
4		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	90
5		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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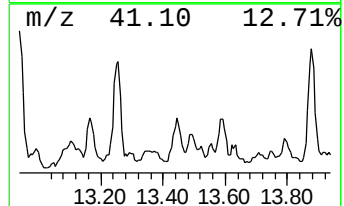
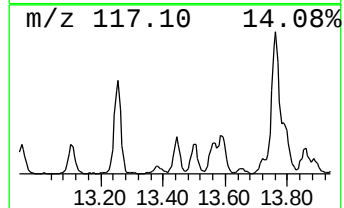
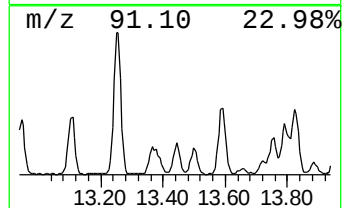
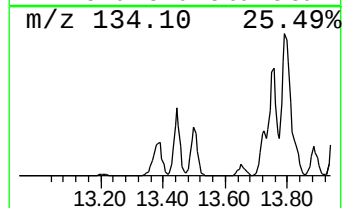
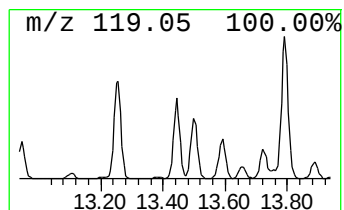
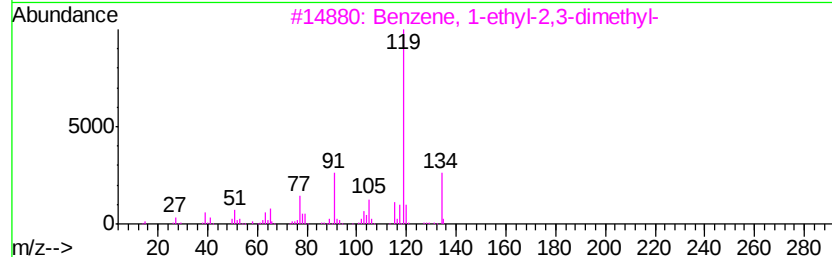
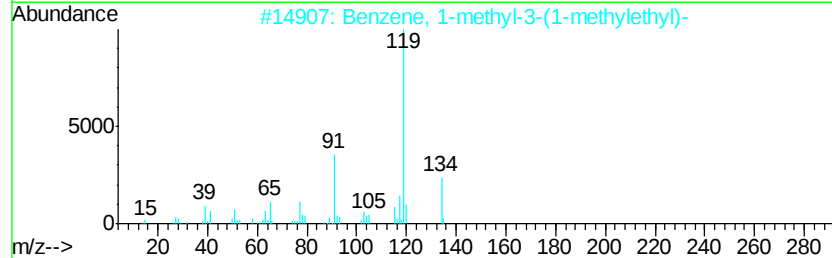
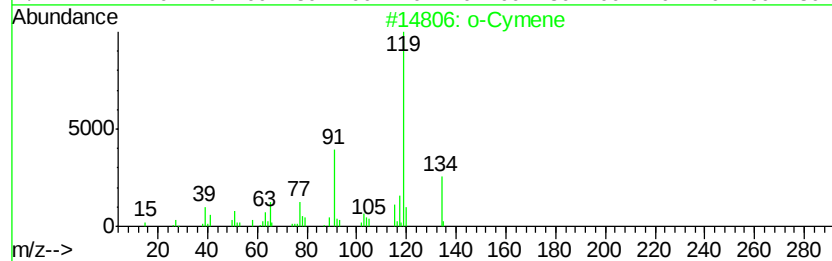
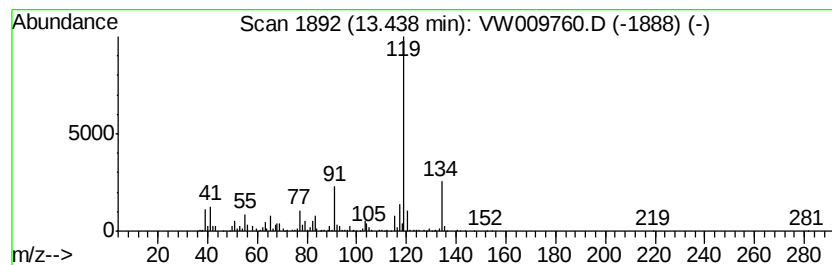
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Quant Title : VOC Analysis

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

Peak Number 27 o-Cymene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	5.19 ug/L	287537	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-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	93
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4		p-Cymene	134	C10H14	000099-87-6	90
5		o-Cymene	134	C10H14	000527-84-4	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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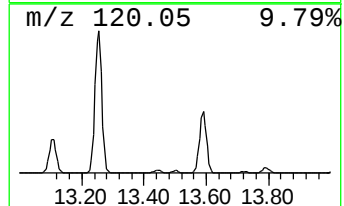
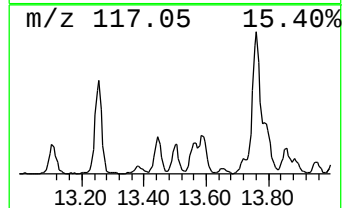
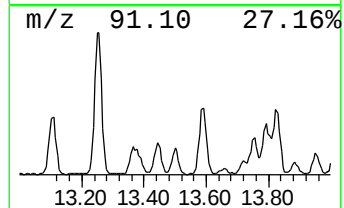
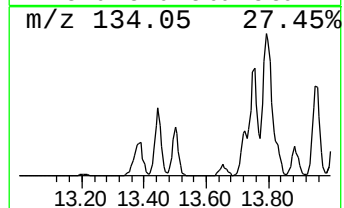
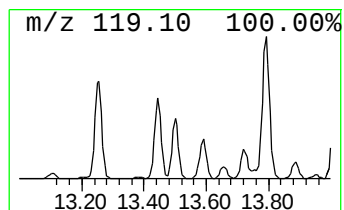
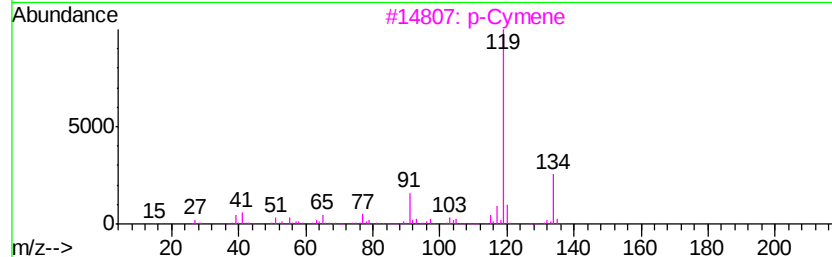
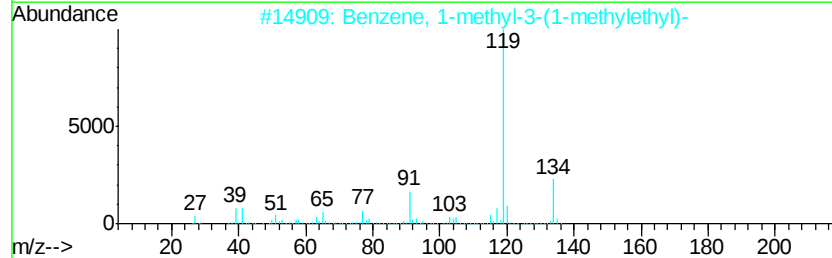
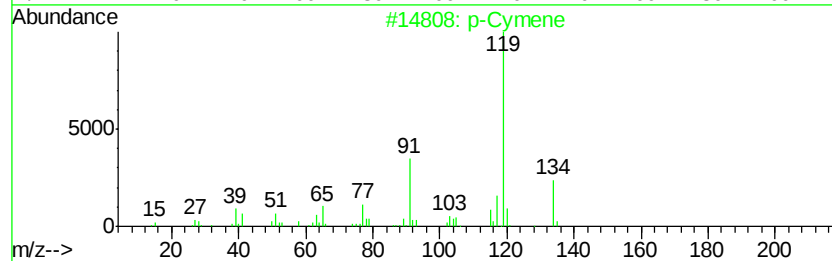
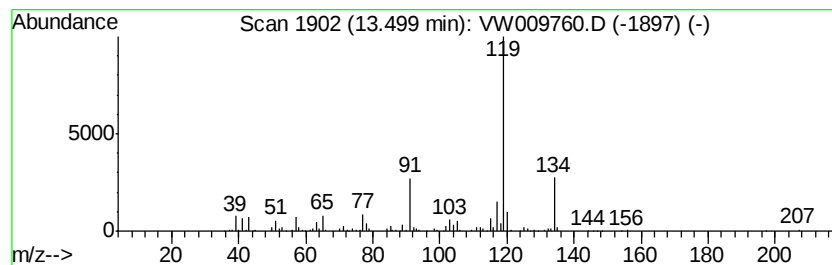
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Quant Title : VOC Analysis

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

Peak Number 28 p-Cymene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	3.30 ug/L	182892	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	93
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
3		p-Cymene	134	C10H14	000099-87-6	91
4		o-Cymene	134	C10H14	000527-84-4	90
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
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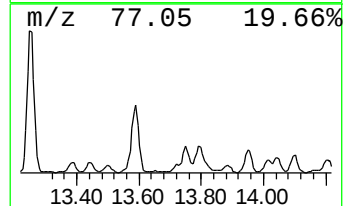
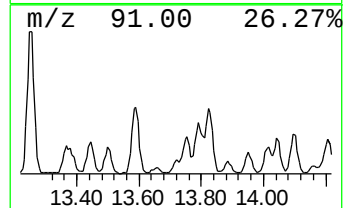
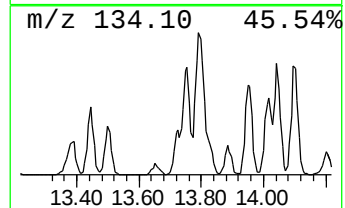
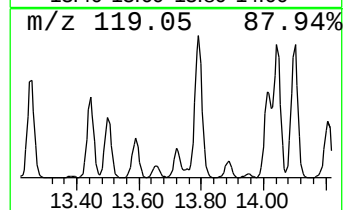
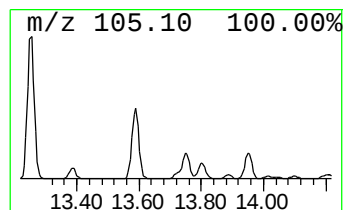
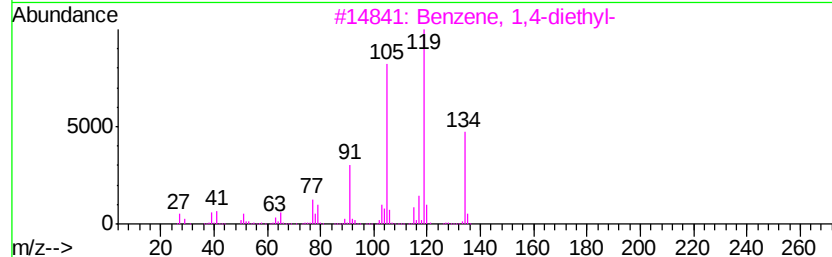
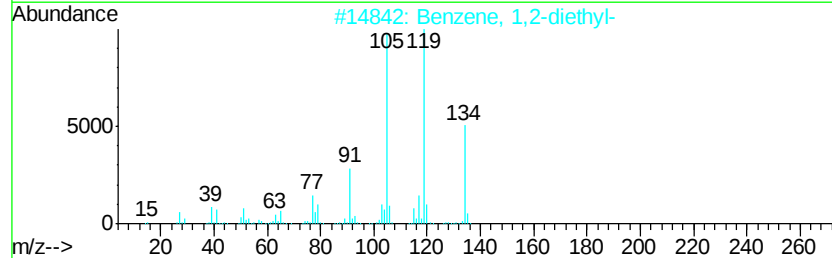
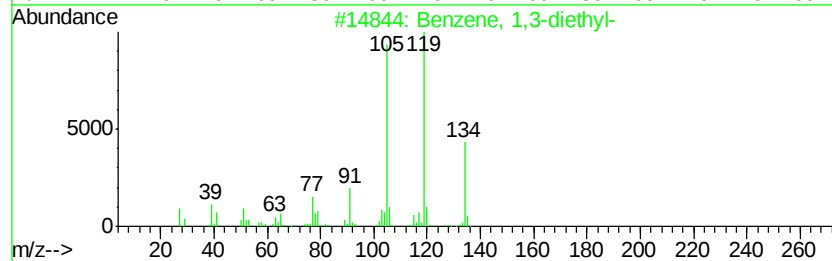
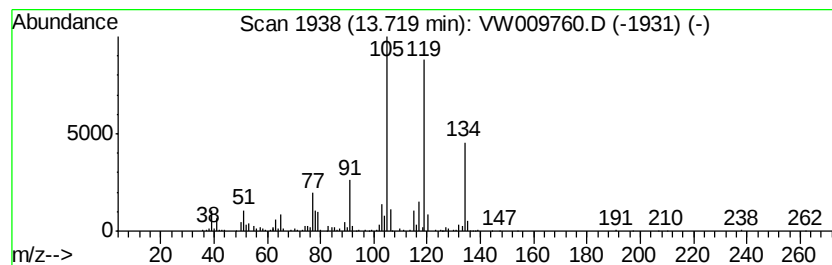
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Quant Title : VOC Analysis

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

Peak Number 29 Benzene, 1,3-diethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	2.83 ug/L	156827	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
5		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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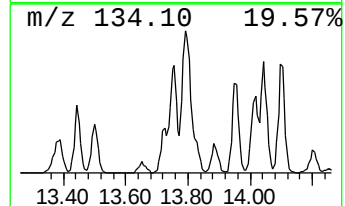
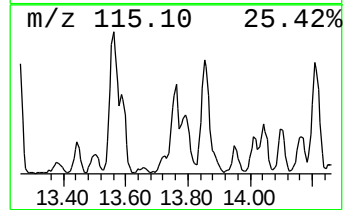
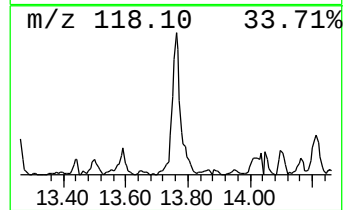
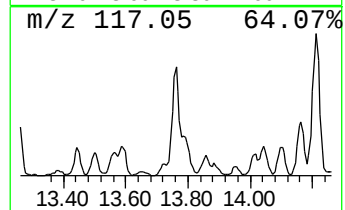
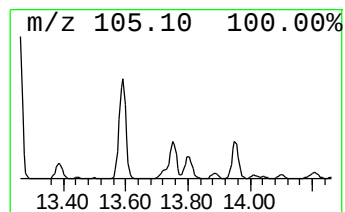
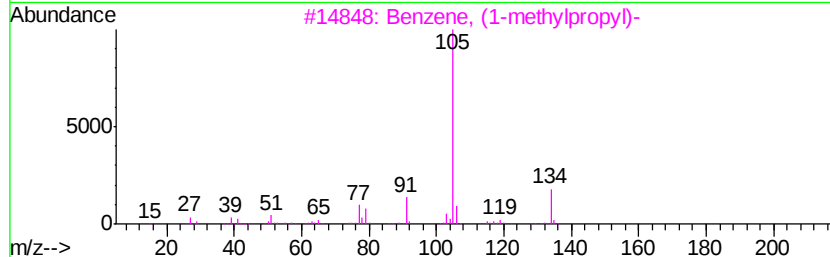
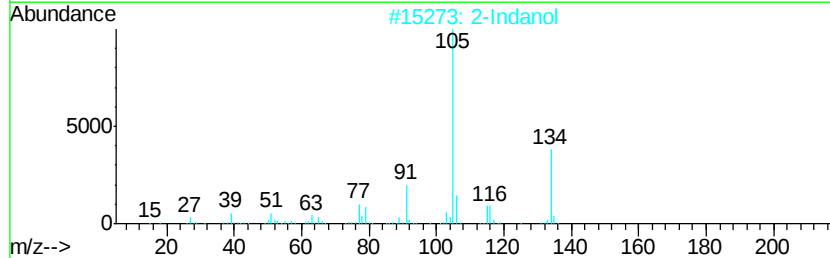
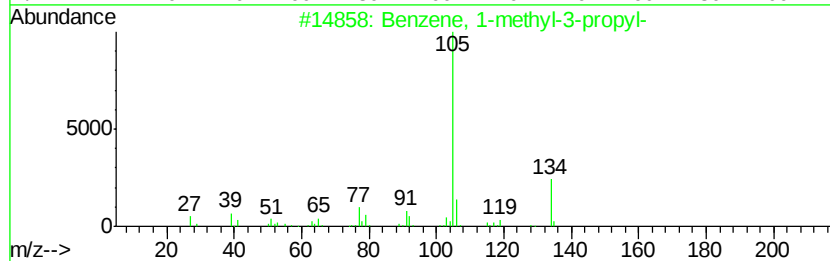
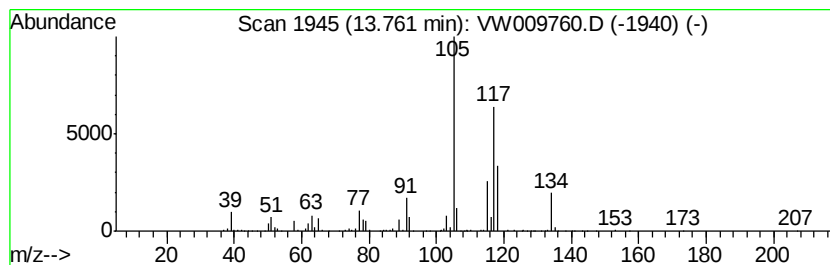
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Quant Title : VOC Analysis

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

Peak Number 30 Benzene, 1-methyl-3-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	8.90 ug/L	492977	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	64
2		2-Indanol	134	C9H10O	004254-29-9	62
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	60
4		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	58
5		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
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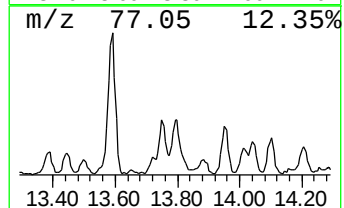
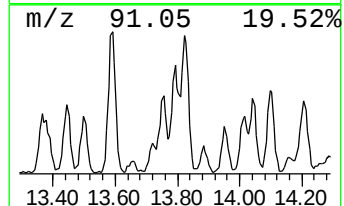
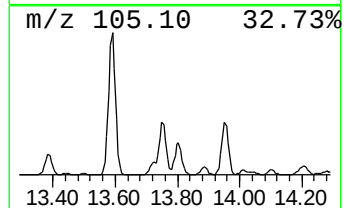
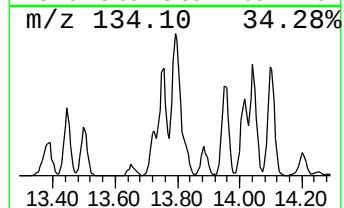
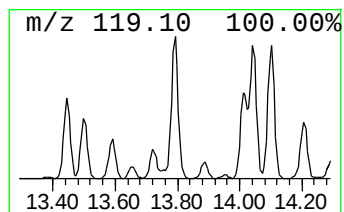
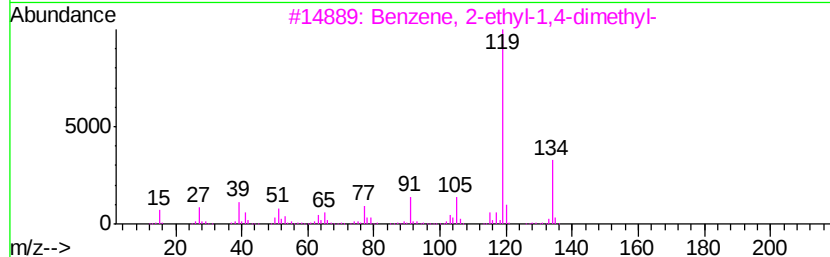
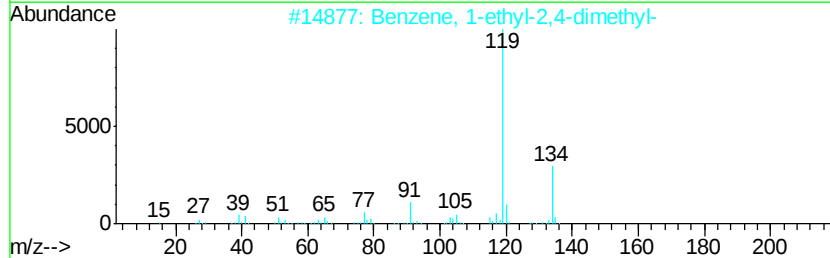
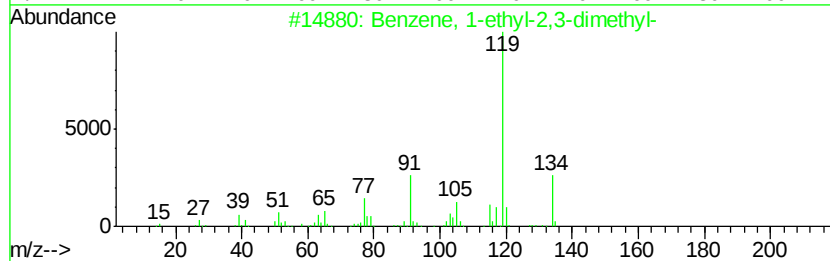
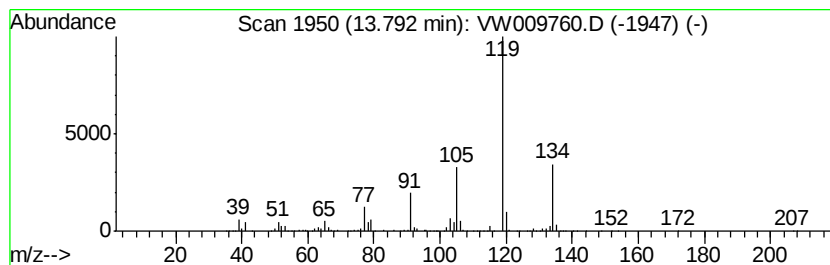
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Quant Title : VOC Analysis

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

Peak Number 31 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	11.61 ug/L	642982	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF654

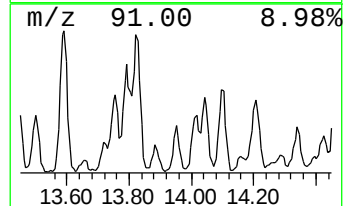
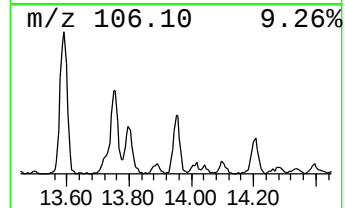
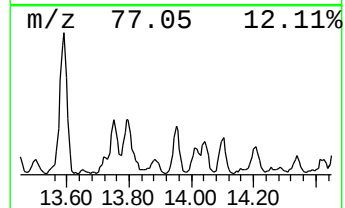
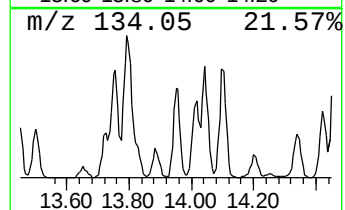
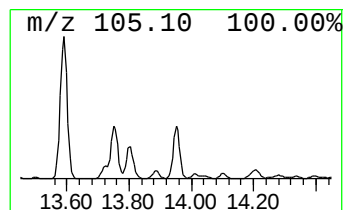
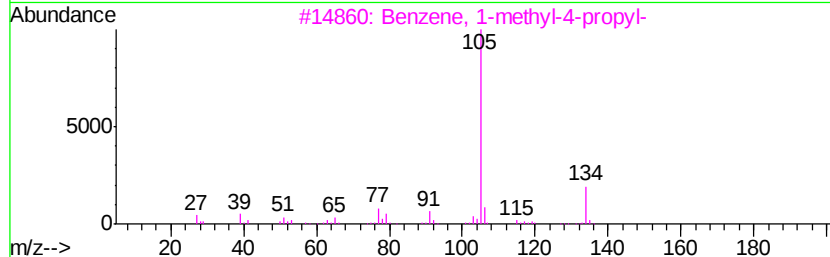
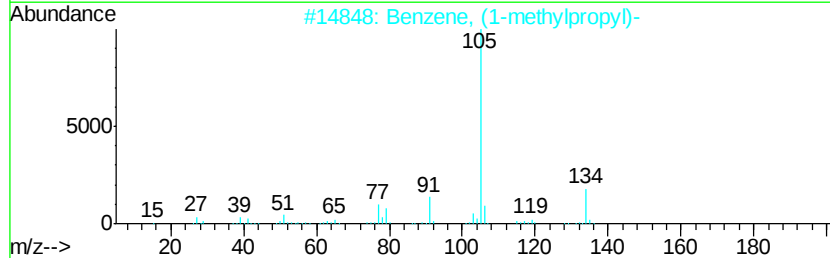
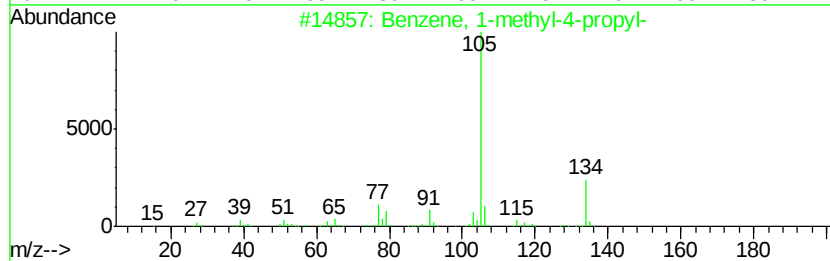
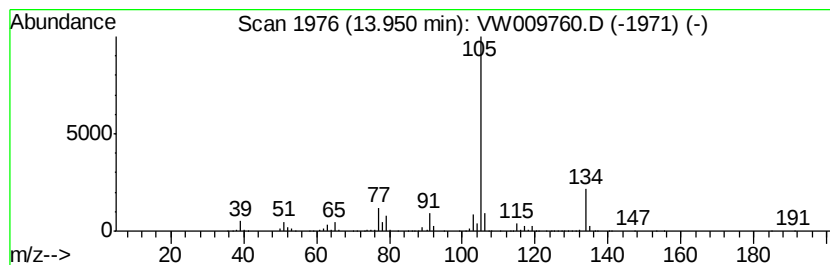
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Quant Title : VOC Analysis

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

Peak Number 32 Benzene, 1-methyl-4-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	6.18 ug/L	342276	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
2		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
5		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF654

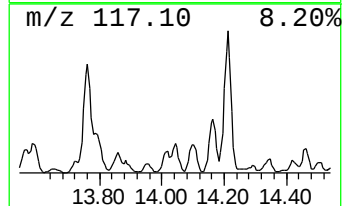
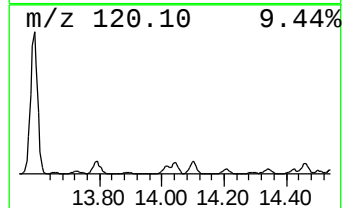
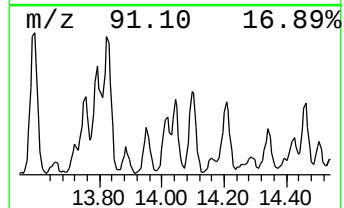
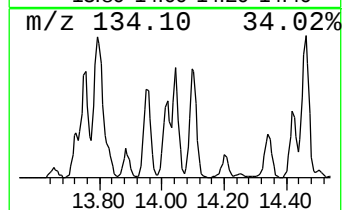
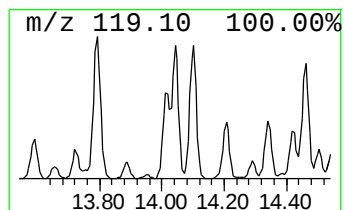
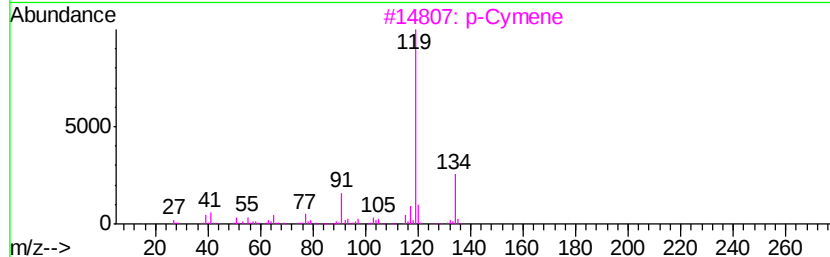
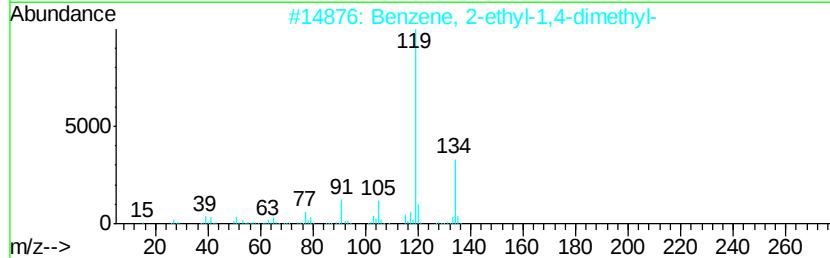
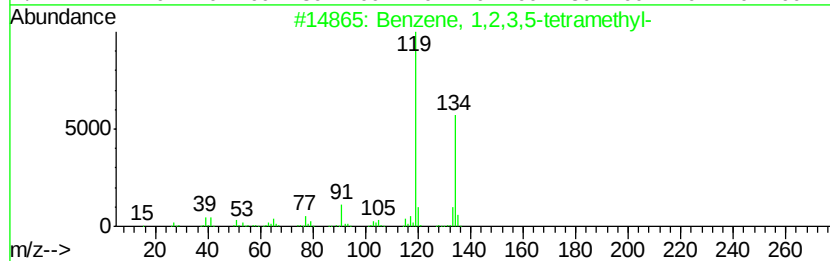
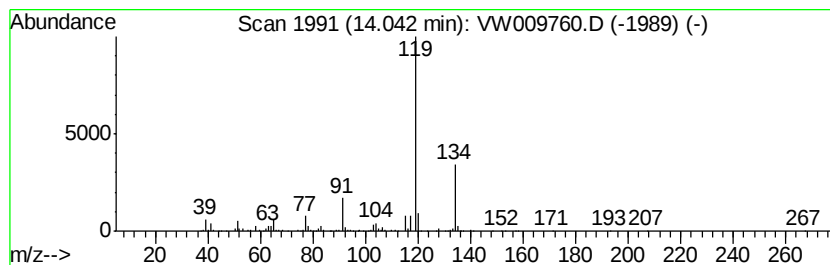
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Quant Title : VOC Analysis

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

Peak Number 34 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	5.79 ug/L	320616	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		p-Cymene	134	C10H14	000099-87-6	91
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF654

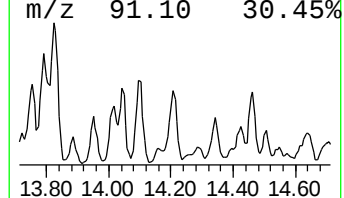
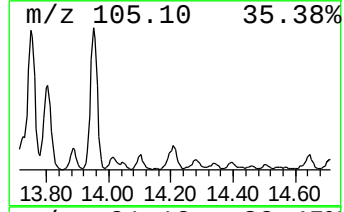
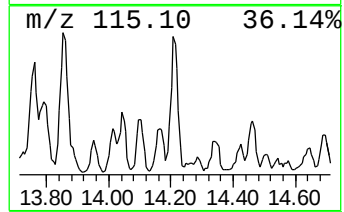
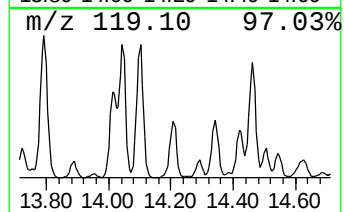
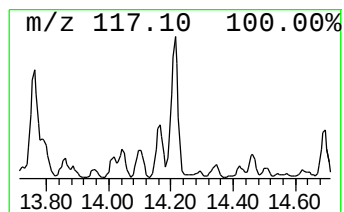
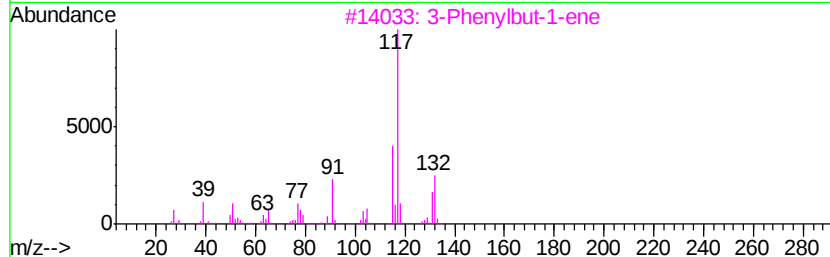
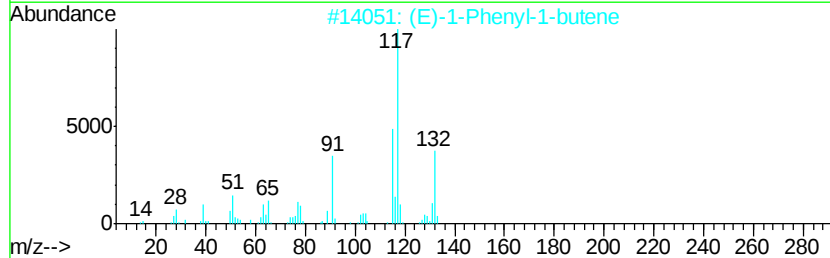
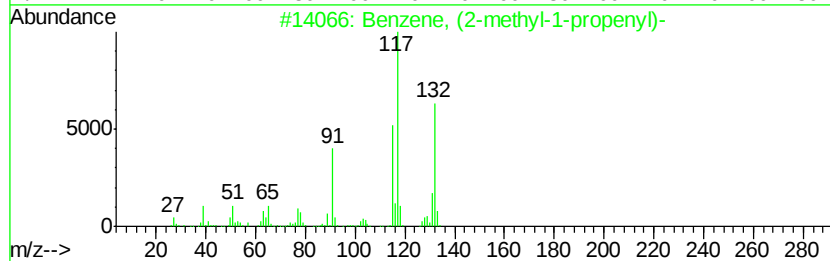
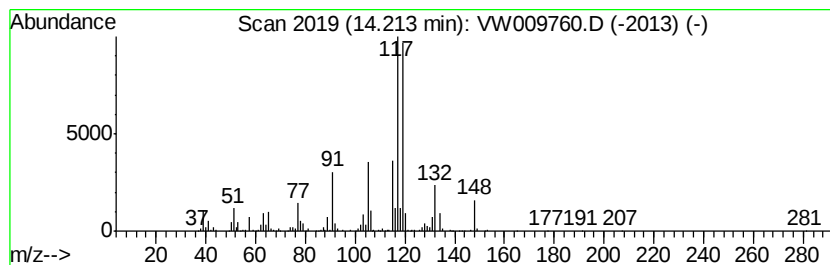
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Quant Title : VOC Analysis

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

Peak Number 36 Benzene, (2-methyl-1-propen... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	6.13 ug/L	339558	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	50
2		(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	50
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	50
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	50
5		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF654

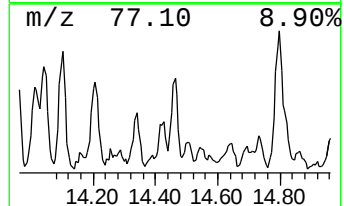
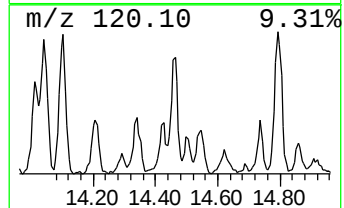
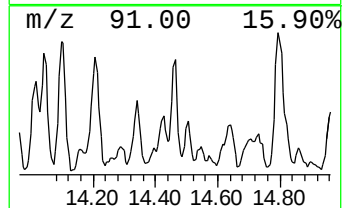
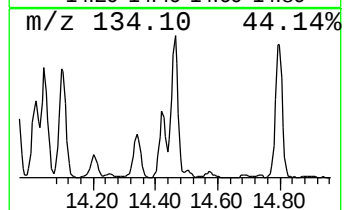
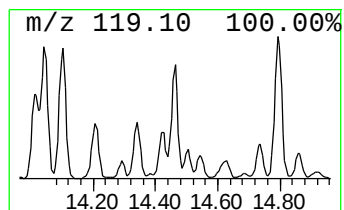
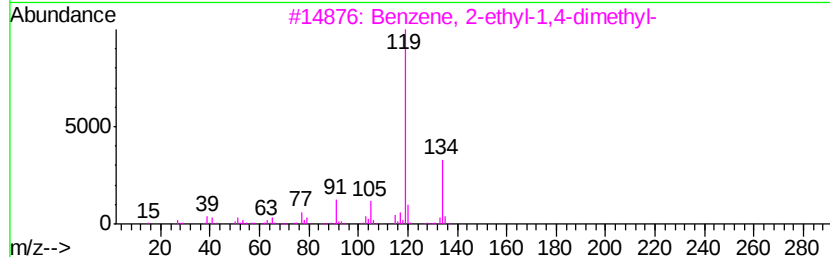
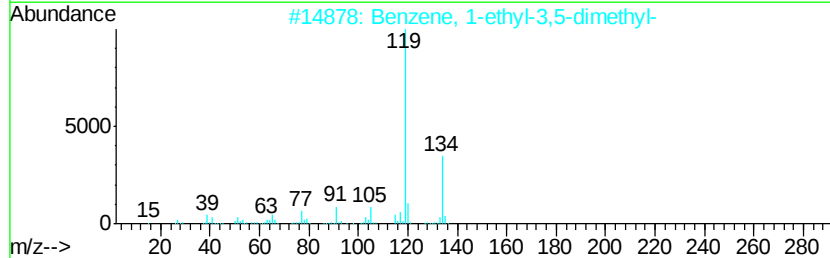
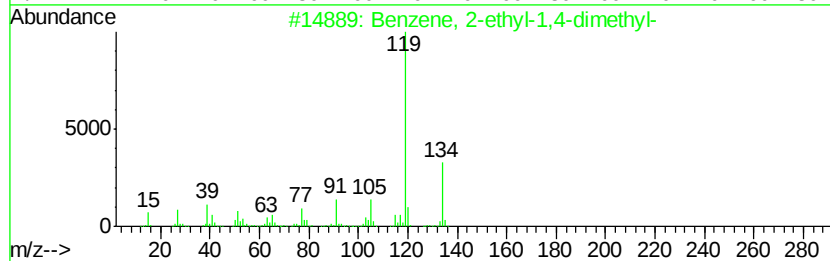
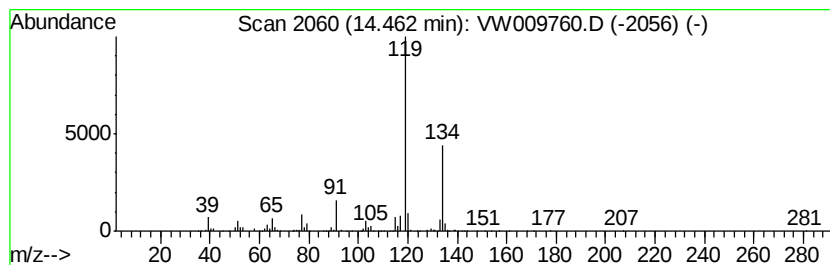
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Quant Title : VOC Analysis

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

Peak Number 39 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	4.83 ug/L	267688	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-3,5-dimethyl-	134	C10H14	000934-74-7	91
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF654

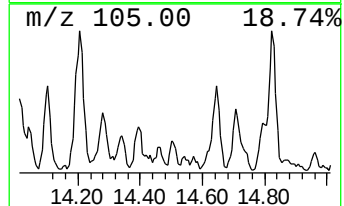
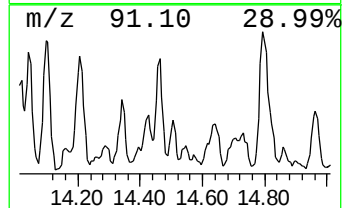
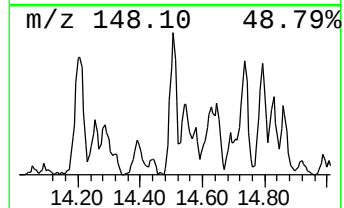
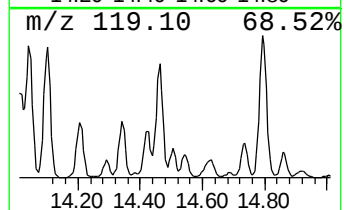
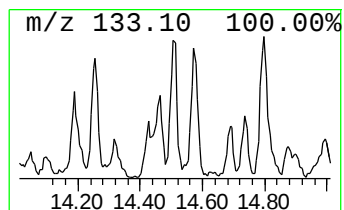
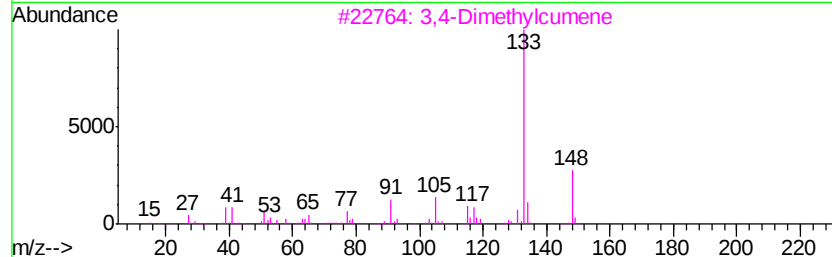
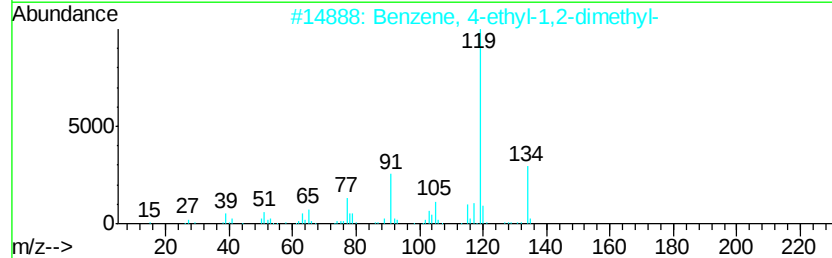
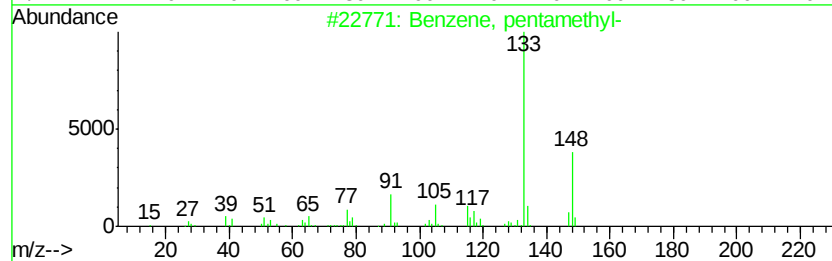
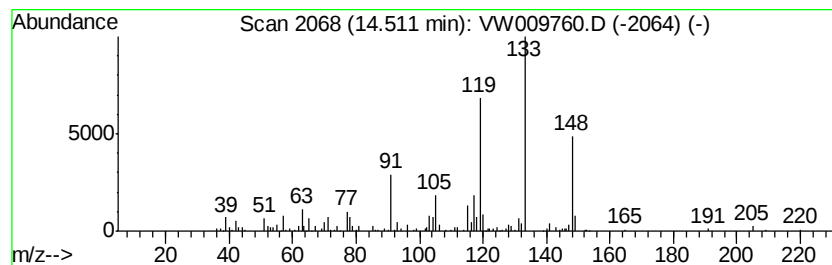
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Quant Title : VOC Analysis

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

Peak Number 40 Benzene, pentamethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	1.54 ug/L	85099	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, pentamethyl-	148	C11H16	000700-12-9	60
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50
3		3,4-Dimethylcumene	148	C11H16	1000370-34-1	49
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	46
5		Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
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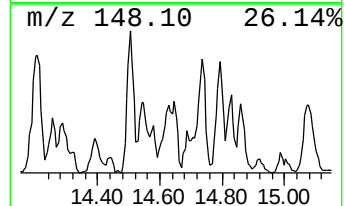
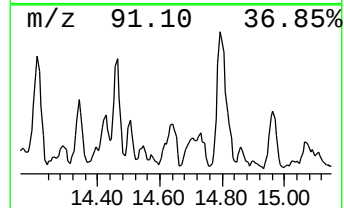
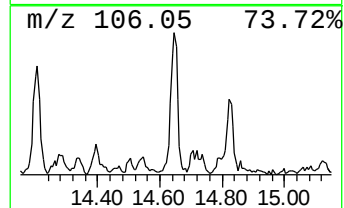
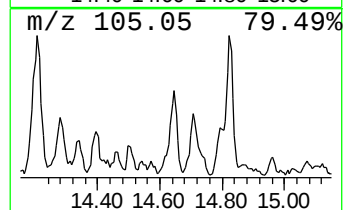
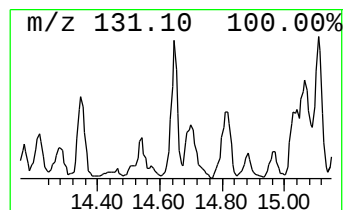
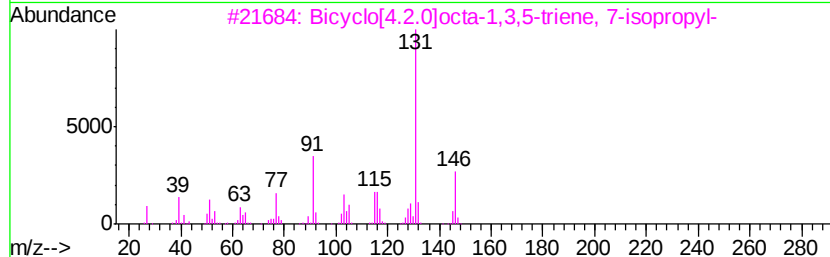
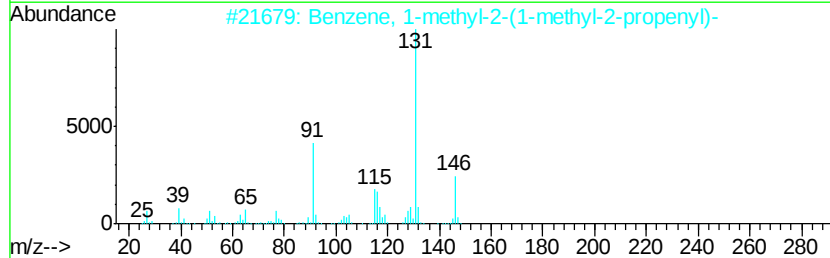
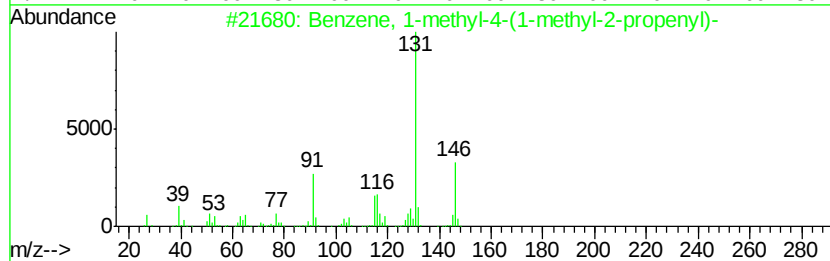
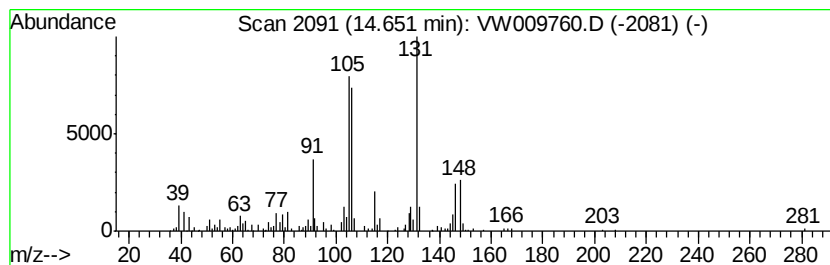
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Quant Title : VOC Analysis

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

Peak Number 41 Benzene, 1-methyl-4-(1-meth... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	2.64 ug/L	146112	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	83
2		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	64
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	64
4		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
5		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF654

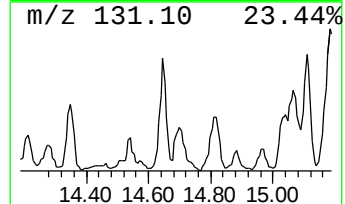
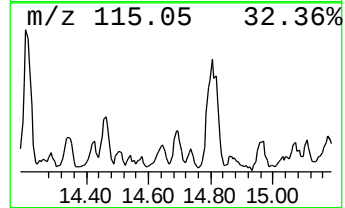
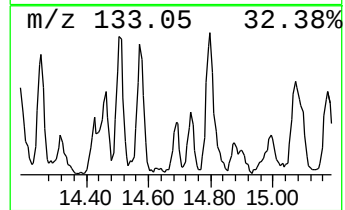
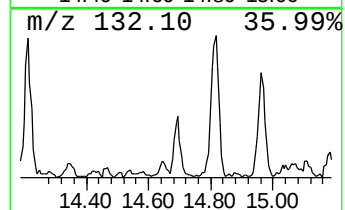
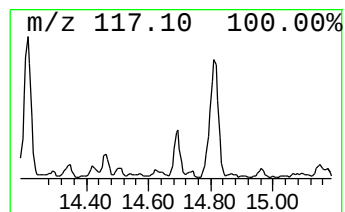
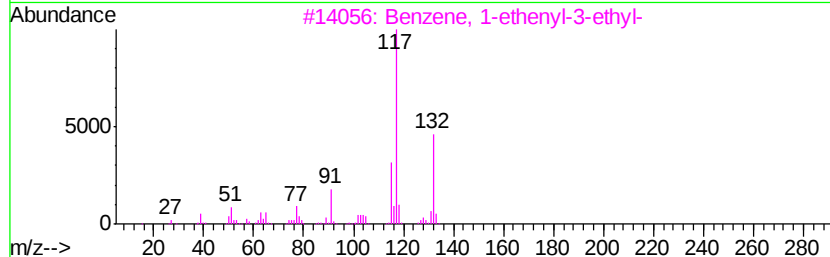
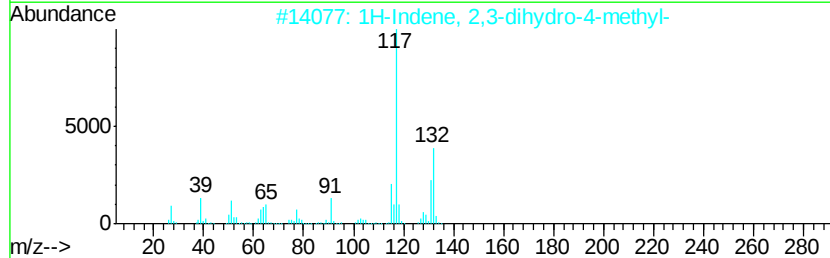
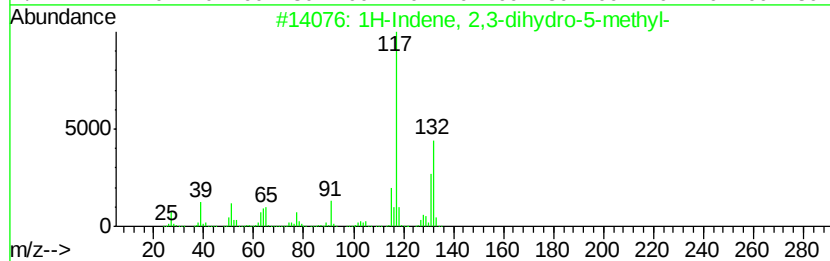
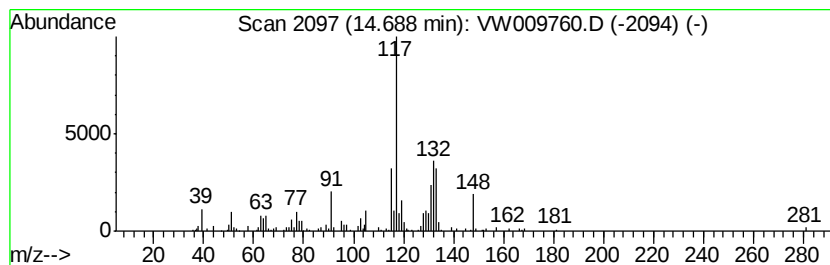
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Quant Title : VOC Analysis

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

Peak Number 42 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	1.70 ug/L	94239	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	74
2			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	72
3			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
4			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
5			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF654

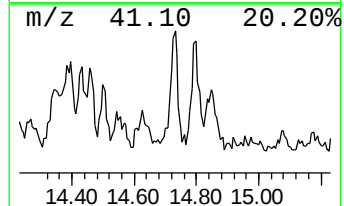
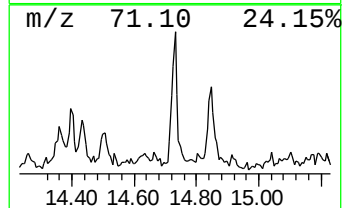
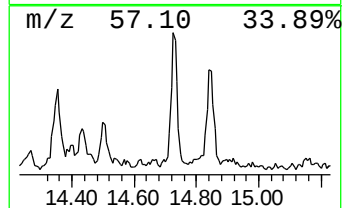
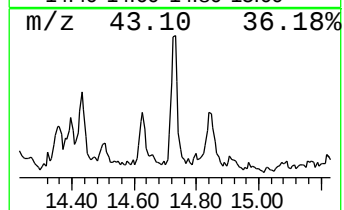
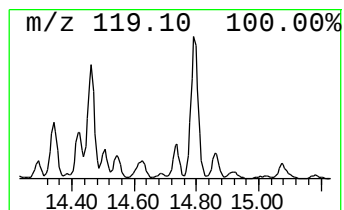
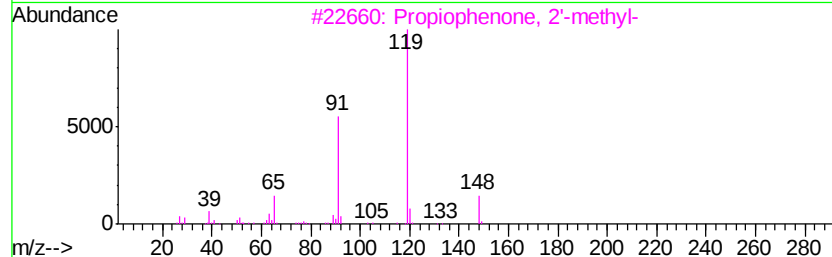
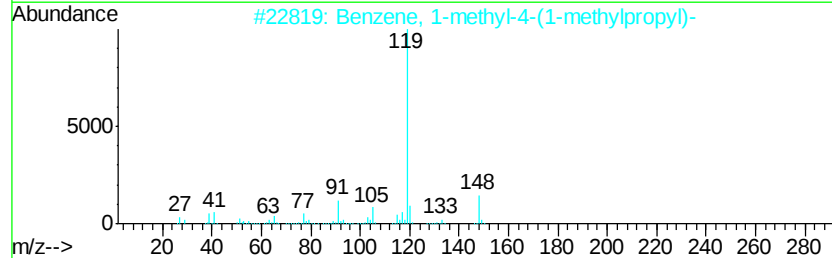
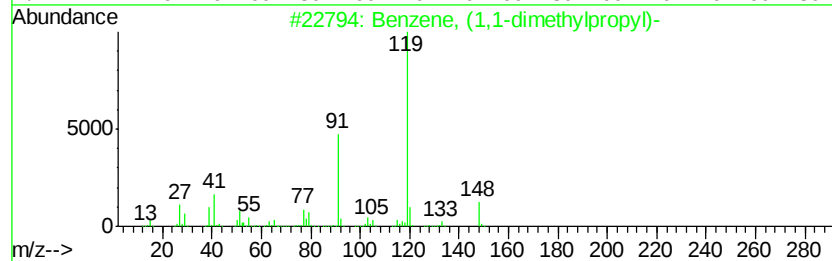
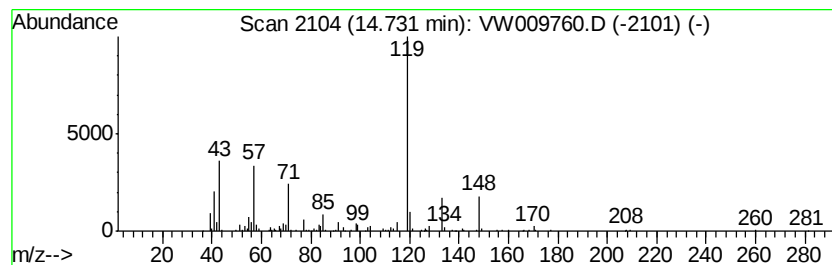
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Quant Title : VOC Analysis

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

Peak Number 43 Benzene, (1,1-dimethylpropyl)- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.79 ug/L	154672	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	53
2		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	53
3		Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	50
4		Benzoic acid, 2,5-dimethyl-, (2,...	268	C18H20O2	055000-48-1	45
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF654

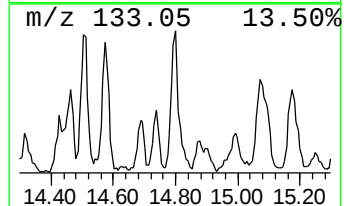
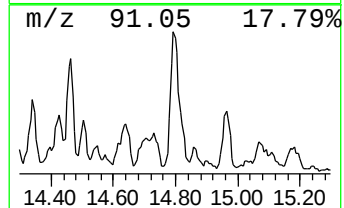
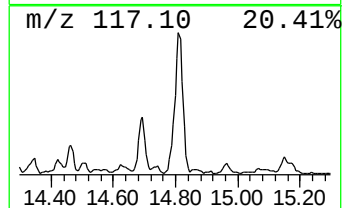
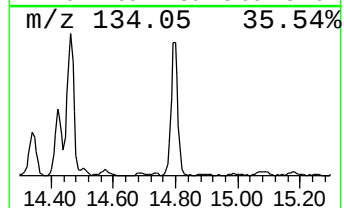
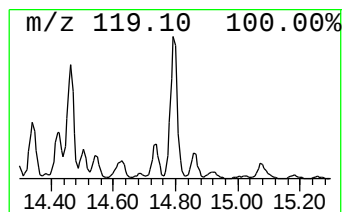
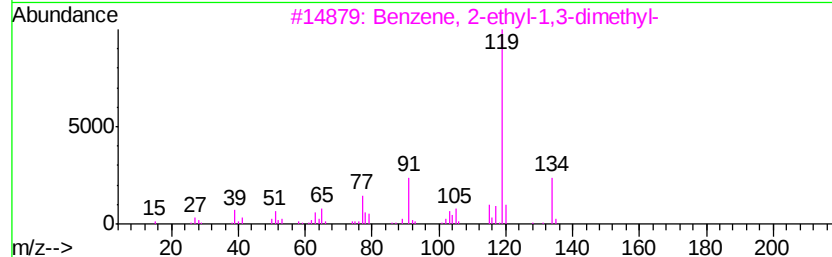
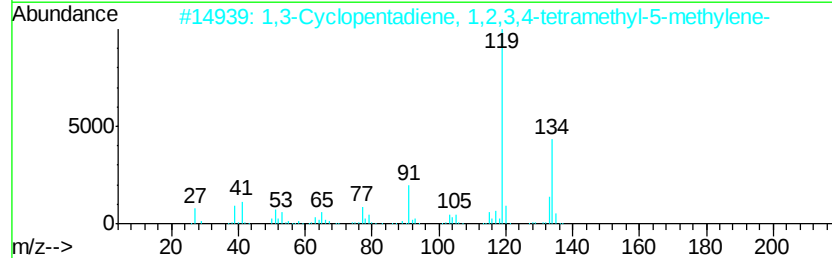
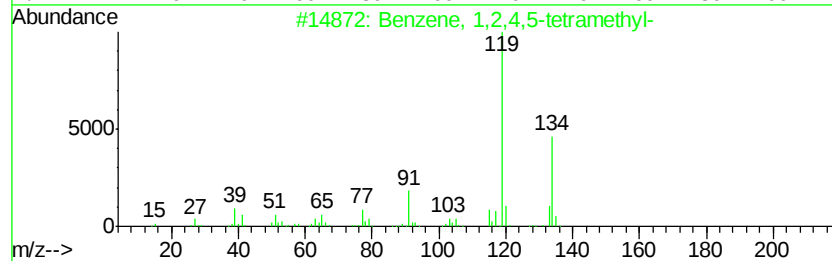
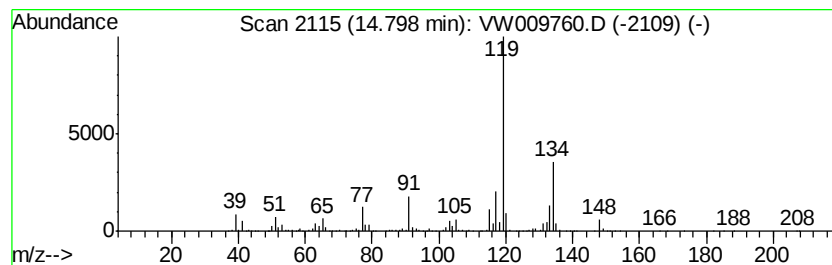
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Quant Title : VOC Analysis

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

Peak Number 44 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	11.70 ug/L	648073	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	94
2		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	92
4		p-Cymene	134	C10H14	000099-87-6	81
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF654

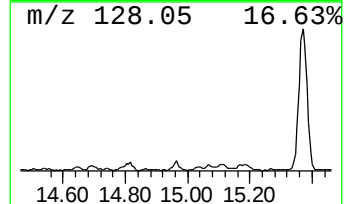
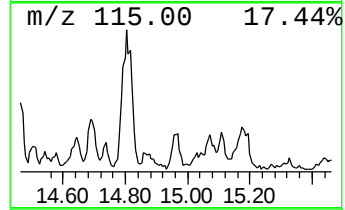
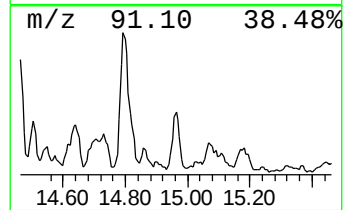
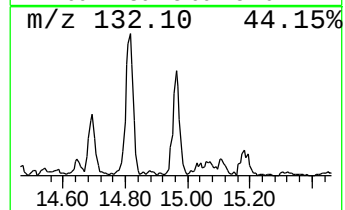
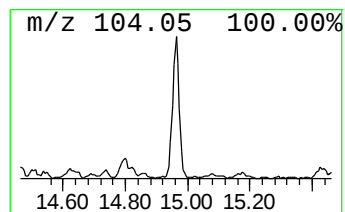
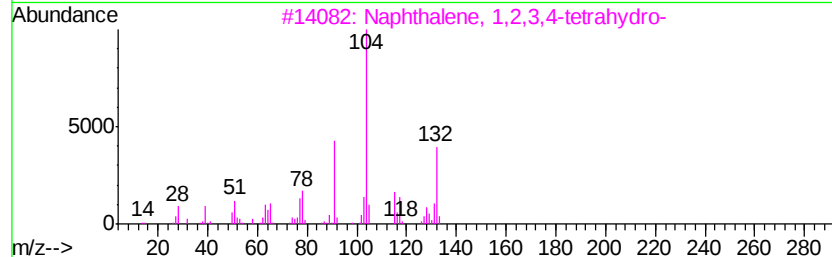
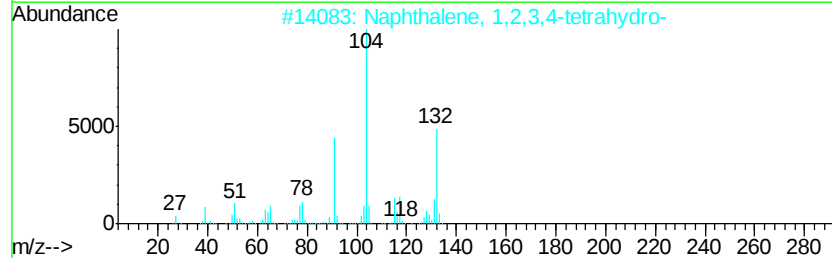
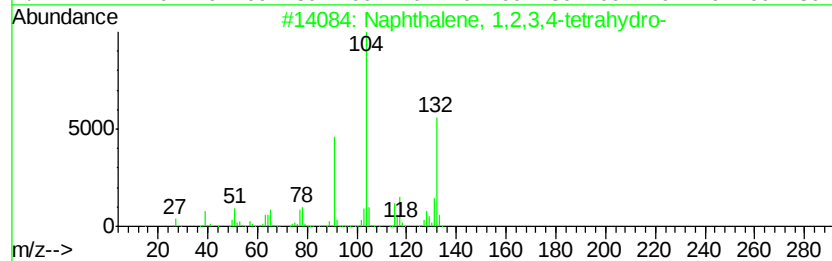
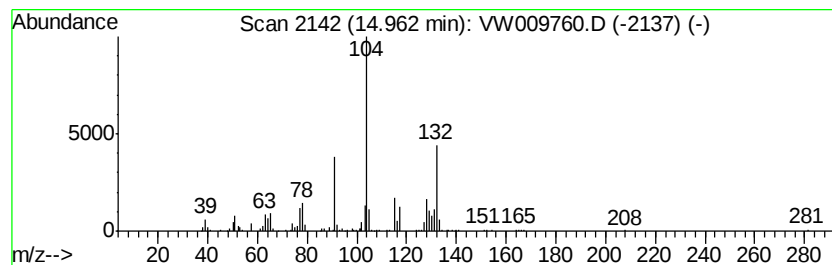
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Quant Title : VOC Analysis

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

Peak Number 45 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	1.90 ug/L	105027	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
3			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
4			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91
5			2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
BF654

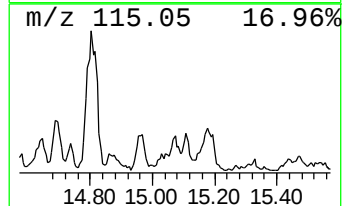
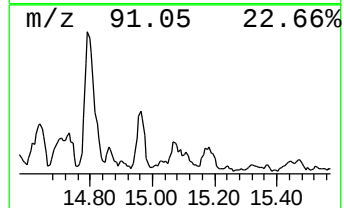
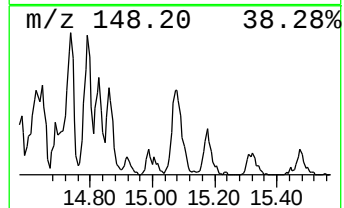
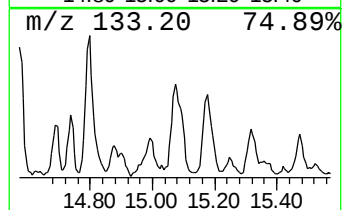
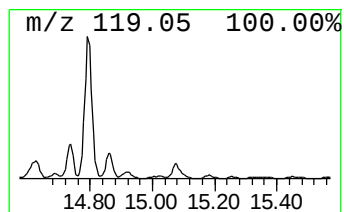
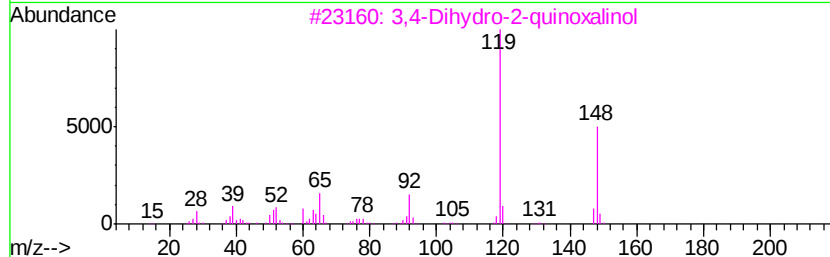
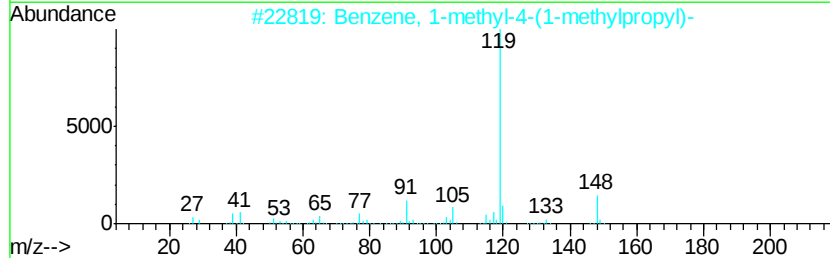
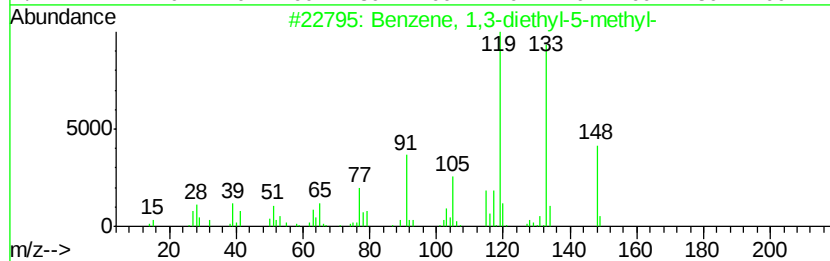
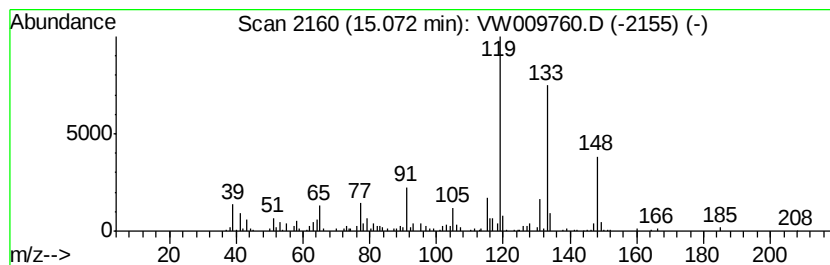
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Quant Title : VOC Analysis

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

Peak Number 46 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	1.87 ug/L	103416	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	58
2		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	55
3		3,4-Dihydro-2-quinoxalinol	148	C8H8N2O	1000332-36-8	55
4		Benzene, pentamethyl-	148	C11H16	000700-12-9	53
5		Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF654

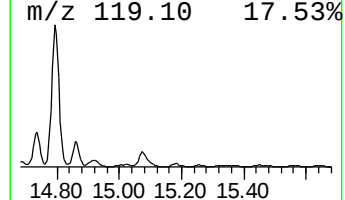
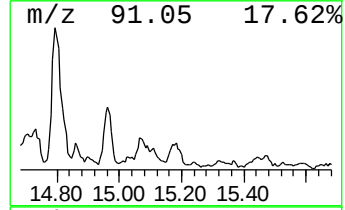
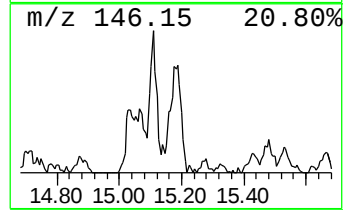
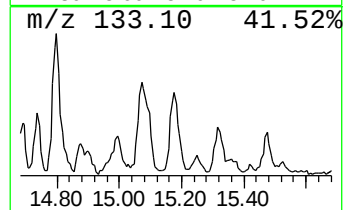
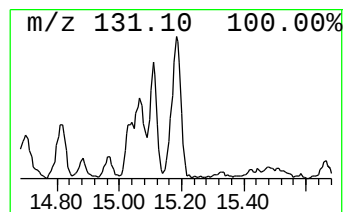
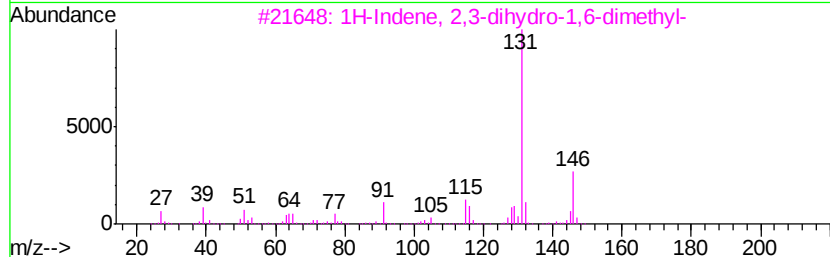
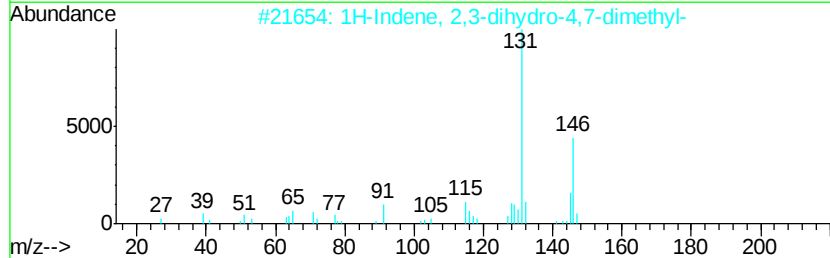
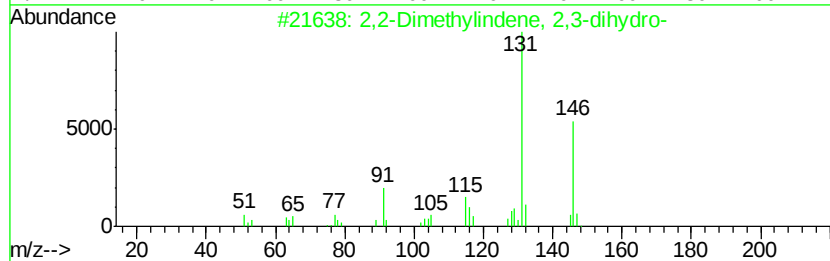
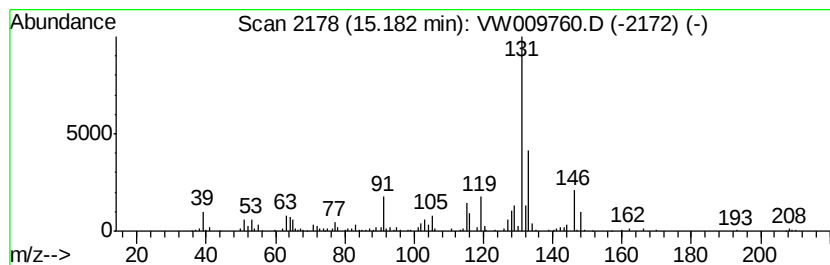
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 47 2,2-Dimethylindene, 2,3-dih... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	2.40 ug/L	132957	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
3			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
5			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF654

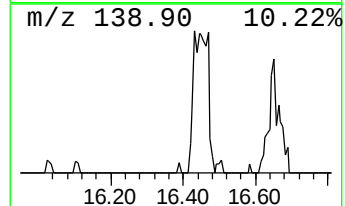
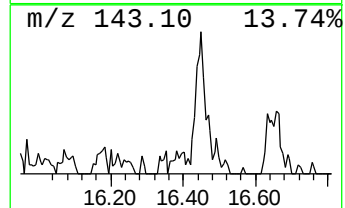
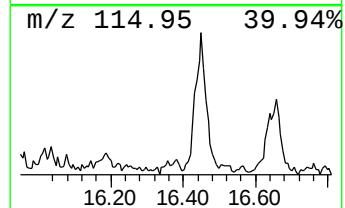
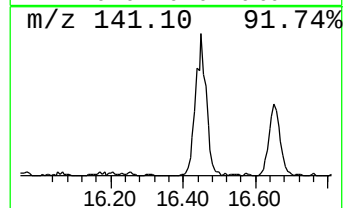
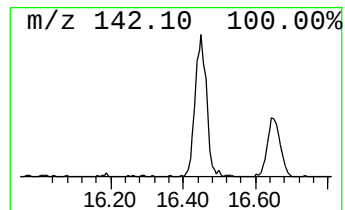
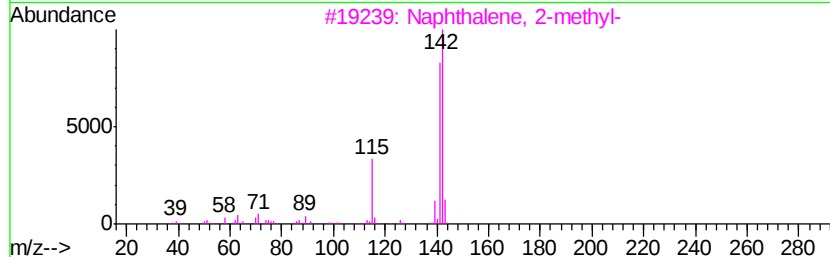
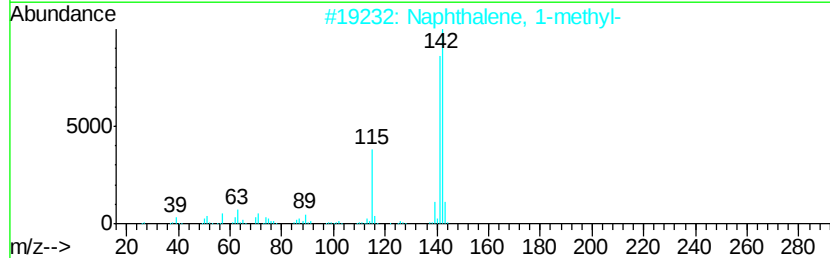
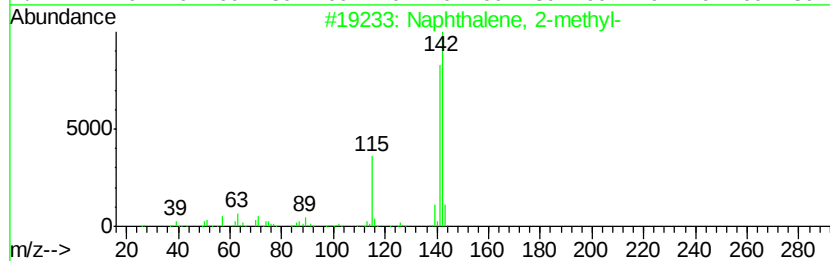
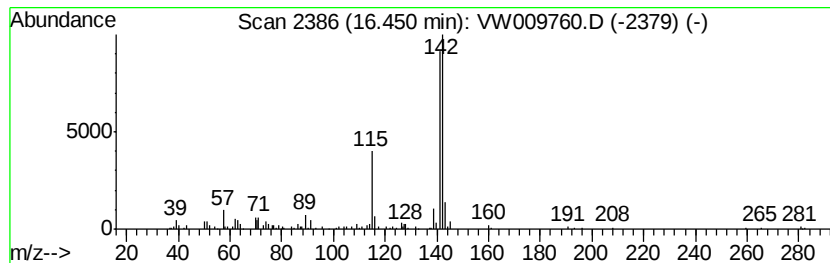
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Quant Title : VOC Analysis

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

Peak Number 48 Naphthalene, 1-methyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	1.63 ug/L	90223	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009760.D
 Acq On : 06 Apr 2019 06:36
 Operator : SY/VA
 Sample : K2188-10
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF654

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	8.69	1.5	ug/L	55854	1	8.84	953843	25.0
(DEL) Alkane: Str...	9.95	2.1	ug/L	78971	1	8.84	953843	25.0
(DEL) Alkane: Str...	10.09	2.4	ug/L	90299	1	8.84	953843	25.0
(DEL) Alkane: Str...	10.51	7.2	ug/L	214842	2	11.63	749779	25.0
(DEL) Alkane: Cyc...	10.66	2.6	ug/L	76652	2	11.63	749779	25.0
(DEL) Alkane: Cyc...	10.76	1.7	ug/L	49818	2	11.63	749779	25.0
unknown-01	10.85	1.4	ug/L	42573	2	11.63	749779	25.0
(DEL) Alkane: Str...	11.04	1.5	ug/L	44461	2	11.63	749779	25.0
(DEL) Alkane: Cyc...	11.10	1.3	ug/L	37718	2	11.63	749779	25.0
(DEL) Alkane: Cyc...	11.18	6.4	ug/L	192972	2	11.63	749779	25.0
(DEL) Alkane: Cyc...	11.23	9.0	ug/L	270044	2	11.63	749779	25.0
(DEL) Alkane: Str...	11.34	2.9	ug/L	88211	2	11.63	749779	25.0
(DEL) Alkane: Str...	11.41	6.8	ug/L	203263	2	11.63	749779	25.0
(DEL) Alkane: Str...	11.51	3.7	ug/L	109619	2	11.63	749779	25.0
(DEL) Alkane: Str...	12.26	3.9	ug/L	118093	2	11.63	749779	25.0
Cyclopropane, (2-...	12.34	3.0	ug/L	89333	2	11.63	749779	25.0
(DEL) Alkane: Cyc...	12.38	3.8	ug/L	114774	2	11.63	749779	25.0
Benzene, propyl-	12.80	8.1	ug/L	449222	3	13.56	1384470	25.0
Benzene, 1-ethyl-...	12.87	20.8	ug/L	1150730	3	13.56	1384470	25.0
Benzene, 1-ethyl-...	12.90	9.2	ug/L	510091	3	13.56	1384470	25.0
Benzene, 1,2,3-tr...	12.94	20.7	ug/L	1148150	3	13.56	1384470	25.0
Benzene, 1-ethyl-...	13.10	15.0	ug/L	830366	3	13.56	1384470	25.0
Decane, 4-methyl-	13.17	2.1	ug/L	114633	3	13.56	1384470	25.0
Mesitylene	13.26	42.3	ug/L	2342650	3	13.56	1384470	25.0
Benzene, (1-methy...	13.38	3.7	ug/L	202759	3	13.56	1384470	25.0
o-Cymene	13.44	5.2	ug/L	287537	3	13.56	1384470	25.0
p-Cymene	13.50	3.3	ug/L	182892	3	13.56	1384470	25.0
Benzene, 1,3-diet...	13.72	2.8	ug/L	156827	3	13.56	1384470	25.0
Benzene, 1-methyl...	13.76	8.9	ug/L	492977	3	13.56	1384470	25.0
Benzene, 1-ethyl-...	13.79	11.6	ug/L	642982	3	13.56	1384470	25.0
Benzene, 1-methyl...	13.95	6.2	ug/L	342276	3	13.56	1384470	25.0
Benzene, 1,2,3,5-...	14.04	5.8	ug/L	320616	3	13.56	1384470	25.0
Benzene, (2-methy...	14.21	6.1	ug/L	339558	3	13.56	1384470	25.0
Benzene, 2-ethyl-...	14.46	4.8	ug/L	267688	3	13.56	1384470	25.0
Benzene, pentamet...	14.51	1.5	ug/L	85099	3	13.56	1384470	25.0
Benzene, 1-methyl...	14.65	2.6	ug/L	146112	3	13.56	1384470	25.0
1H-Indene, 2,3-di...	14.69	1.7	ug/L	94239	3	13.56	1384470	25.0
Benzene, (1,1-dim...	14.73	2.8	ug/L	154672	3	13.56	1384470	25.0
Benzene, 1,2,4,5-...	14.80	11.7	ug/L	648073	3	13.56	1384470	25.0
Naphthalene, 1,2,...	14.96	1.9	ug/L	105027	3	13.56	1384470	25.0
Benzene, 1,3-diet...	15.07	1.9	ug/L	103416	3	13.56	1384470	25.0
2,2-Dimethylinden...	15.18	2.4	ug/L	132957	3	13.56	1384470	25.0
Naphthalene, 1-me...	16.45	1.6	ug/L	90223	3	13.56	1384470	25.0