

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041919\
 Data File : VW010068.D
 Acq On : 19 Apr 2019 15:46
 Operator : SY/VA
 Sample : K2455-18
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHR8

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.343	68	72	81	rVB	37698	66747	0.37%	0.031%
2	2.885	157	161	171	rVB	28645	65412	0.36%	0.031%
3	3.641	283	285	287	rVB3	2139	2009	0.01%	0.001%
4	4.001	334	344	356	rVB2	84211	216141	1.18%	0.102%
5	4.123	358	364	365	rBV	7296	11821	0.06%	0.006%
6	4.245	382	384	388	rVB4	973	1343	0.01%	0.001%
7	4.294	388	392	395	rBV4	1352	2085	0.01%	0.001%
8	4.367	401	404	405	rVV2	1527	1578	0.01%	0.001%
9	4.397	407	409	415	rVV7	3280	5571	0.03%	0.003%
10	4.550	430	434	437	rBV3	1090	1485	0.01%	0.001%
11	4.909	482	493	504	rVB2	21515	66897	0.37%	0.032%
12	5.080	516	521	524	rVB6	1166	1860	0.01%	0.001%
13	5.928	651	660	665	rBV6	5626	15938	0.09%	0.008%
14	6.208	702	706	710	rBV3	915	1548	0.01%	0.001%
15	6.702	782	787	789	rBV4	680	1276	0.01%	0.001%
16	6.720	789	790	796	rVB3	1572	1380	0.01%	0.001%
17	6.982	830	833	837	rBV3	1065	1652	0.01%	0.001%
18	7.080	841	849	860	rBV2	20562	58166	0.32%	0.027%
19	7.250	871	877	886	rBV2	12389	31672	0.17%	0.015%
20	7.537	923	924	927	rVV3	1485	1489	0.01%	0.001%
21	7.641	931	941	951	rBV	103580	254378	1.39%	0.120%
22	7.933	987	989	995	rBV4	806	1356	0.01%	0.001%
23	8.141	1021	1023	1027	rBV3	1204	1561	0.01%	0.001%
24	8.269	1032	1044	1058	rBV2	198057	601476	3.30%	0.283%
25	8.567	1092	1093	1096	rVB3	1608	1340	0.01%	0.001%
26	8.689	1110	1113	1114	rBV3	1593	1654	0.01%	0.001%
27	8.762	1121	1125	1129	rVB4	1308	2076	0.01%	0.001%
28	8.842	1129	1138	1147	rBV	283462	579624	3.18%	0.273%
29	8.933	1151	1153	1154	rVV2	2409	1482	0.01%	0.001%
30	8.951	1154	1156	1161	rVB6	1348	1705	0.01%	0.001%
31	8.994	1161	1163	1167	rBV4	1081	1466	0.01%	0.001%
32	9.067	1173	1175	1183	rVB7	2811	4510	0.02%	0.002%
33	9.274	1200	1209	1220	rBV	146991	297038	1.63%	0.140%
34	9.354	1220	1222	1223	rVV2	1676	1281	0.01%	0.001%

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

35	9.415	1230	1232	1234	rVB3	1681	1338	0.01%	0.001%
36	9.439	1234	1236	1238	rBV3	1424	1508	0.01%	0.001%
37	9.896	1304	1311	1316	rVV8	5008	11055	0.06%	0.005%
38	9.951	1316	1320	1324	rBV6	4405	7916	0.04%	0.004%
39	10.037	1328	1334	1339	rVV	70399	123554	0.68%	0.058%
40	10.213	1359	1363	1366	rBV6	2270	4645	0.03%	0.002%
41	10.323	1373	1381	1387	rBV	281169	505589	2.77%	0.238%
42	10.390	1387	1392	1398	rVB	74788	137395	0.75%	0.065%
43	10.506	1404	1411	1417	rVB7	17460	39747	0.22%	0.019%
44	10.579	1417	1423	1427	rBV	47306	87378	0.48%	0.041%
45	10.664	1433	1437	1442	rVB3	24275	40470	0.22%	0.019%
46	10.762	1448	1453	1457	rBV6	15127	27716	0.15%	0.013%
47	10.847	1463	1467	1472	rVB3	21914	37180	0.20%	0.018%
48	10.933	1474	1481	1487	rVV3	165386	319320	1.75%	0.150%
49	11.036	1493	1498	1505	rBV2	38916	76245	0.42%	0.036%
50	11.110	1505	1510	1513	rBV3	55398	88445	0.48%	0.042%
51	11.177	1517	1521	1525	rVV	157226	251114	1.38%	0.118%
52	11.231	1525	1530	1535	rVB	312906	545339	2.99%	0.257%
53	11.335	1542	1547	1551	rBV2	241324	423344	2.32%	0.200%
54	11.408	1552	1559	1570	rVB4	343081	1133400	6.21%	0.534%
55	11.512	1570	1576	1581	rBV	542635	846695	4.64%	0.399%
56	11.628	1590	1595	1601	rBV	376033	695640	3.81%	0.328%
57	11.725	1607	1611	1614	rBV2	106654	172667	0.95%	0.081%
58	11.768	1614	1618	1620	rBV	137317	191452	1.05%	0.090%
59	11.841	1620	1630	1633	rBV3	994896	2244158	12.29%	1.058%
60	11.975	1647	1652	1659	rBV2	209840	467754	2.56%	0.220%
61	12.061	1660	1666	1671	rVB3	216234	464521	2.54%	0.219%
62	12.140	1671	1679	1682	rBV2	1058227	2182935	11.96%	1.029%
63	12.256	1693	1698	1702	rVB	1652552	2562991	14.04%	1.208%
64	12.365	1702	1716	1727	rBV4	2662310	9625294	52.73%	4.536%
65	12.506	1736	1739	1742	rBV3	486635	747193	4.09%	0.352%
66	12.542	1742	1745	1748	rVV	1002300	1192103	6.53%	0.562%
67	12.621	1754	1758	1760	rBV3	339573	531517	2.91%	0.250%
68	12.652	1760	1763	1767	rVV	859310	1142502	6.26%	0.538%
69	12.701	1767	1771	1775	rVV3	445844	785527	4.30%	0.370%
70	12.780	1780	1784	1791	rVB3	1842589	3203454	17.55%	1.510%
71	12.859	1791	1797	1801	rBV5	889038	2007138	11.00%	0.946%

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72	12.932	1802	1809	1816	rVV3	4070526	9191405	50.36%	4.332%
73	12.993	1816	1819	1824	rVB	1155938	1745924	9.57%	0.823%
74	13.109	1824	1838	1843	rBV4	1665703	5899787	32.32%	2.780%
75	13.170	1843	1848	1855	rVB	3938322	6330577	34.68%	2.983%
76	13.255	1859	1862	1865	rVB	903584	1105448	6.06%	0.521%
77	13.298	1866	1869	1873	rBV2	884107	1205254	6.60%	0.568%
78	13.347	1874	1877	1881	rBV3	1124543	1729039	9.47%	0.815%
79	13.451	1887	1894	1897	rBV4	2997242	5954373	32.62%	2.806%
80	13.487	1897	1900	1903	rVB2	1374464	1781411	9.76%	0.840%
81	13.554	1908	1911	1915	rVB2	1598971	1991388	10.91%	0.938%
82	13.627	1920	1923	1929	rVB	1699269	2315012	12.68%	1.091%
83	13.798	1947	1951	1959	rBV3	1135534	2575104	14.11%	1.214%
84	13.883	1960	1965	1969	rBV2	3577489	6319631	34.62%	2.978%
85	13.938	1969	1974	1979	rVV3	1817767	4332485	23.74%	2.042%
86	14.097	1997	2000	2004	rVV	2082828	2791230	15.29%	1.315%
87	14.139	2004	2007	2013	rVB2	2414590	3482683	19.08%	1.641%
88	14.207	2013	2018	2024	rBV3	2822815	5259300	28.81%	2.479%
89	14.353	2038	2042	2045	rBV4	2869337	5322517	29.16%	2.508%
90	14.396	2046	2049	2052	rVB2	4273426	5899390	32.32%	2.780%
91	14.505	2063	2067	2070	rVB2	2728323	3405881	18.66%	1.605%
92	14.554	2070	2075	2081	rVB5	2474905	4242227	23.24%	1.999%
93	14.798	2111	2115	2120	rBV3	8030248	15796236	86.54%	7.444%
94	14.847	2120	2123	2132	rVB2	9613082	16262811	89.10%	7.664%
95	15.334	2198	2203	2206	rBV2	6852049	11911651	65.26%	5.614%
96	15.371	2206	2209	2220	rVB	8541199	14848972	81.35%	6.998%
97	15.743	2266	2270	2276	rVB2	2453988	4440990	24.33%	2.093%
98	16.298	2357	2361	2367	rVB	1518170	2578948	14.13%	1.215%
99	16.450	2380	2386	2398	rVB	8242023	18252623	100.00%	8.602%
100	16.651	2413	2419	2431	rVB	3888414	9983436	54.70%	4.705%

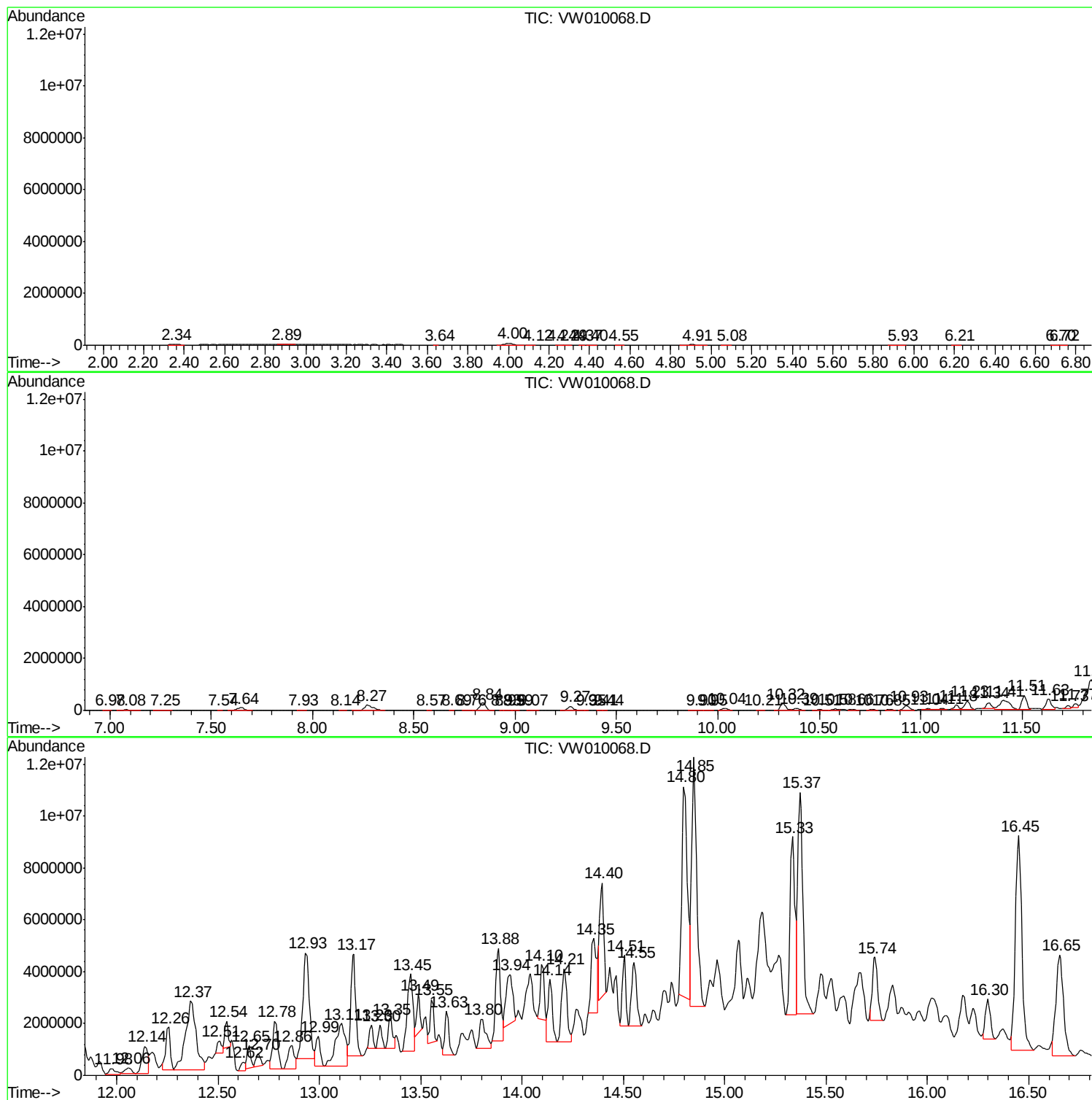
Sum of corrected areas: 212188989

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

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



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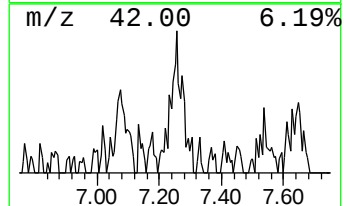
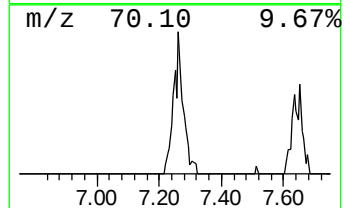
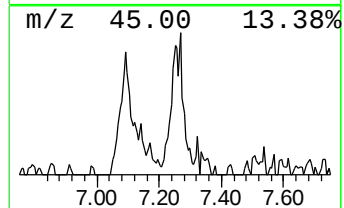
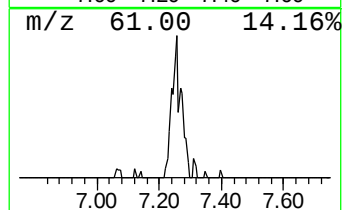
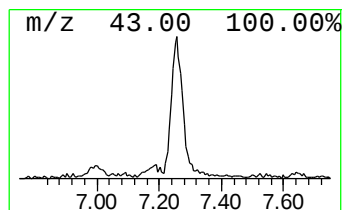
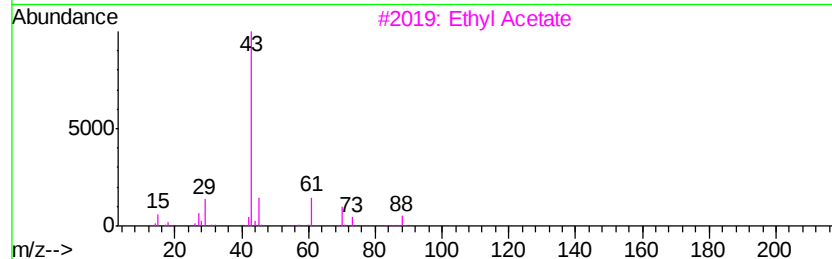
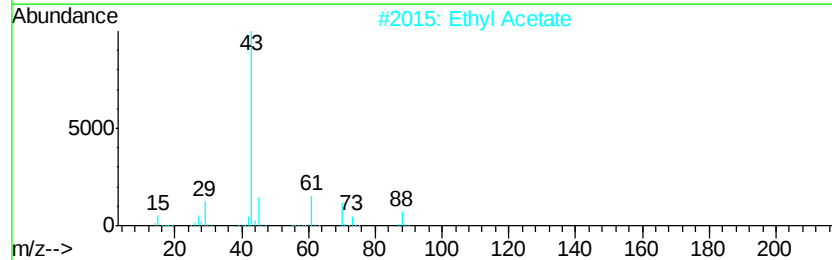
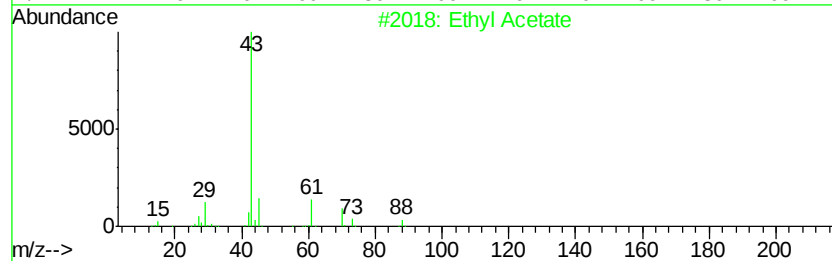
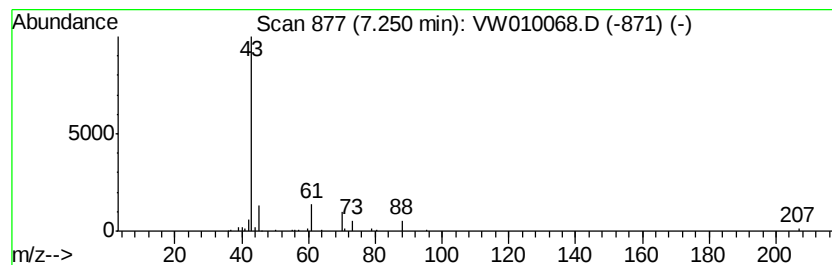
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 1 Ethyl Acetate Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	1.37 ug/L	31672	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl Acetate	88	C4H8O2	000141-78-6	86
2		Ethyl Acetate	88	C4H8O2	000141-78-6	72
3		Ethyl Acetate	88	C4H8O2	000141-78-6	72
4		Ethyl Acetate	88	C4H8O2	000141-78-6	59
5		CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	33



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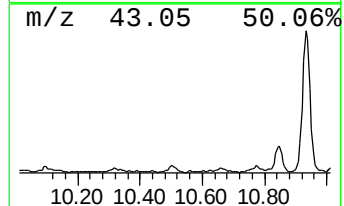
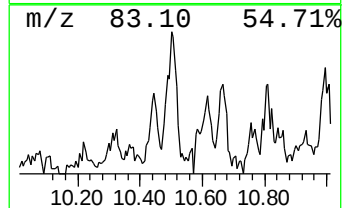
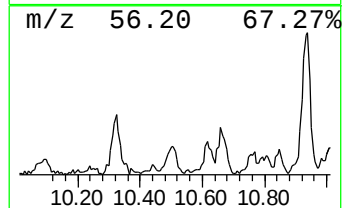
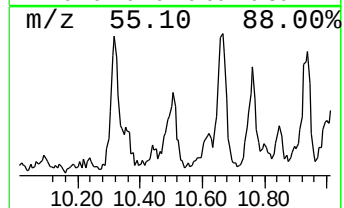
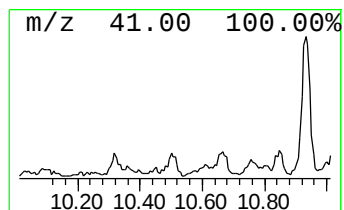
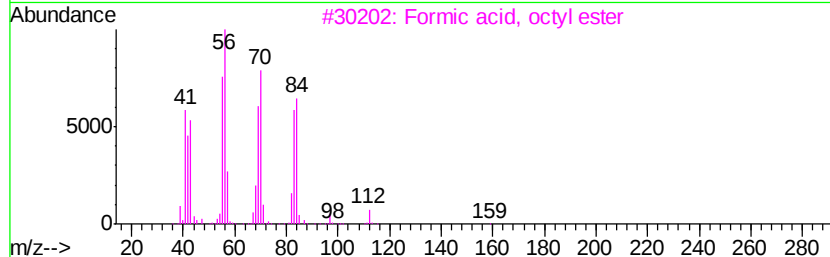
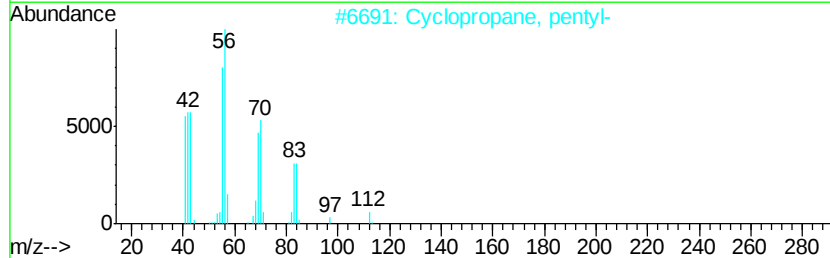
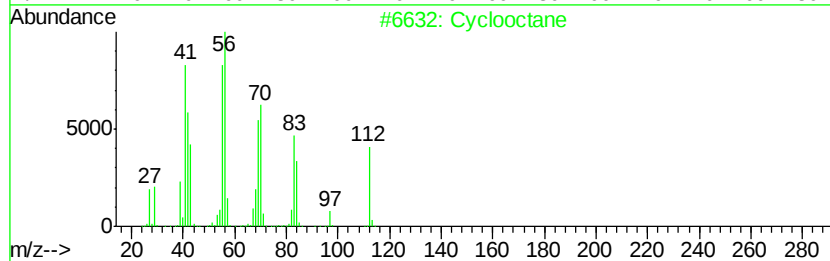
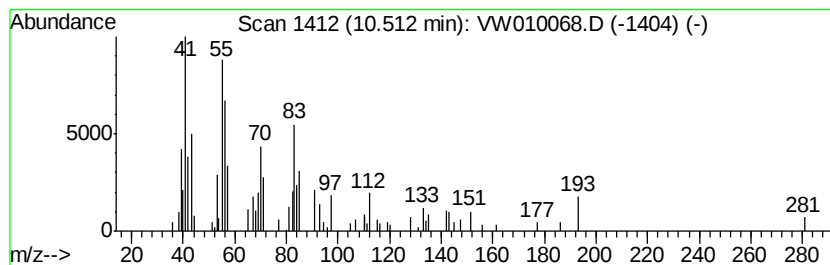
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Quant Title : VOC Analysis

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

Peak Number 3 unknown-01 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	1.43 ug/L	39747	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclooctane	112	C8H16	000292-64-8	38
2		Cyclopropane, pentyl-	112	C8H16	002511-91-3	35
3		Formic acid, octyl ester	158	C9H18O2	000112-32-3	35
4		Cyclopentanone, 2,3-dimethyl-	112	C7H12O	1000151-06-7	27
5		4-Octene, (Z)-	112	C8H16	007642-15-1	25



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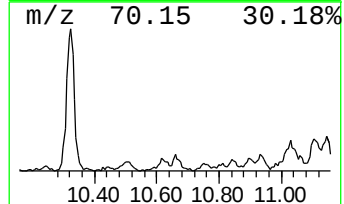
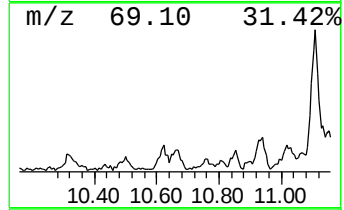
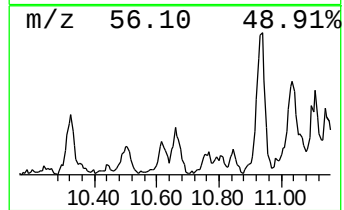
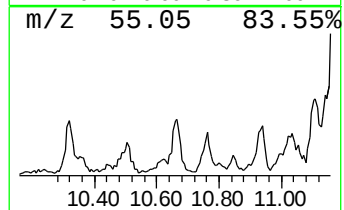
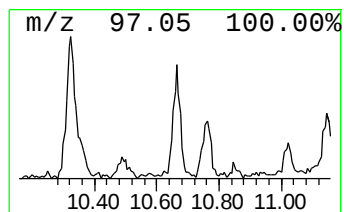
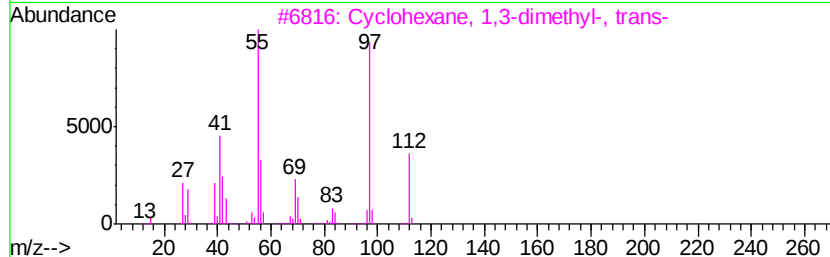
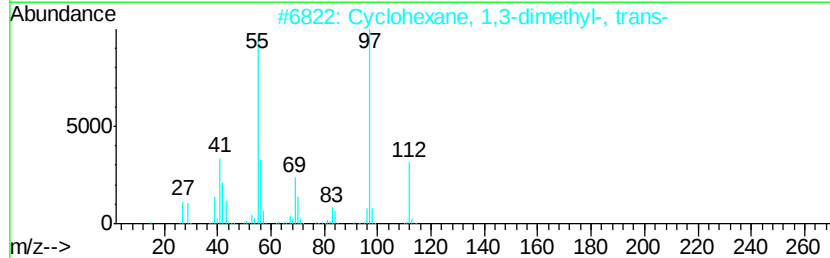
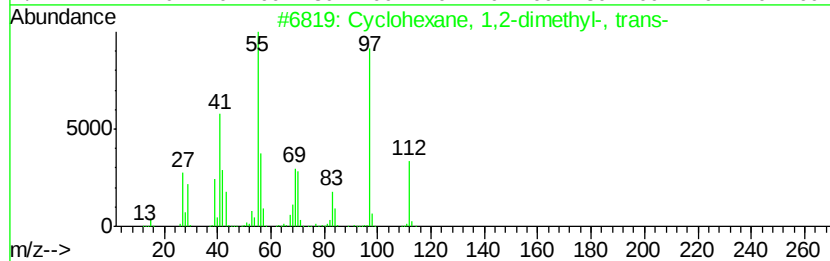
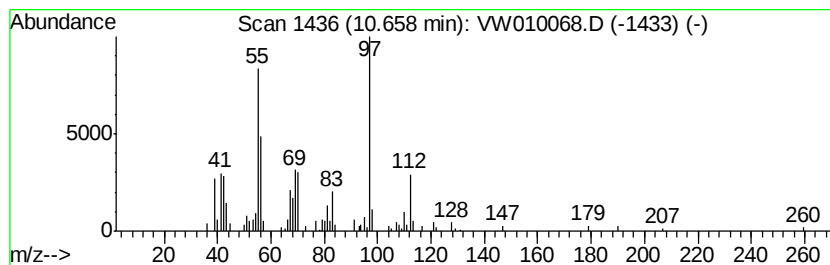
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	1.45 ug/L	40470	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87
2		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	83
3		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	83
4		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	83
5		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

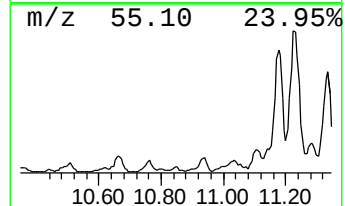
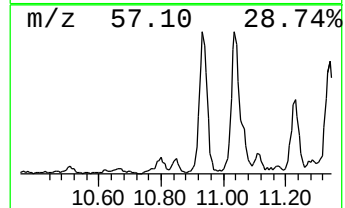
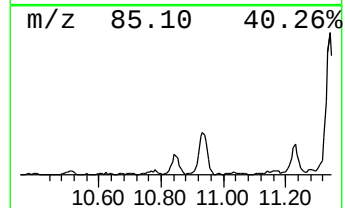
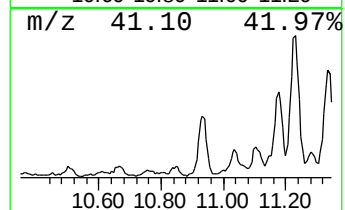
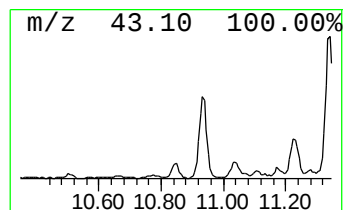
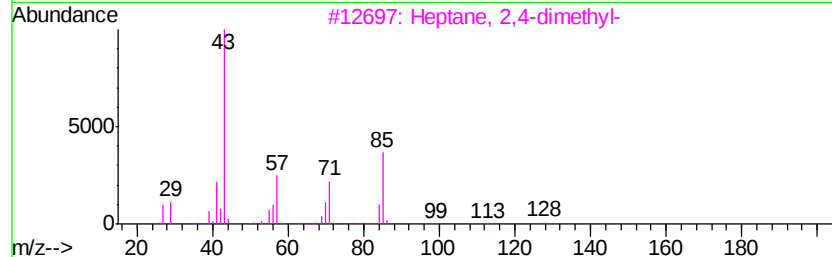
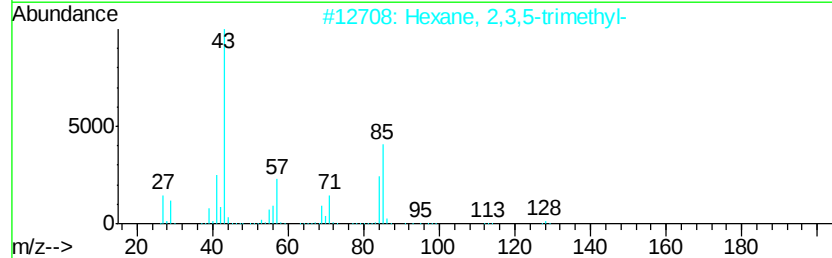
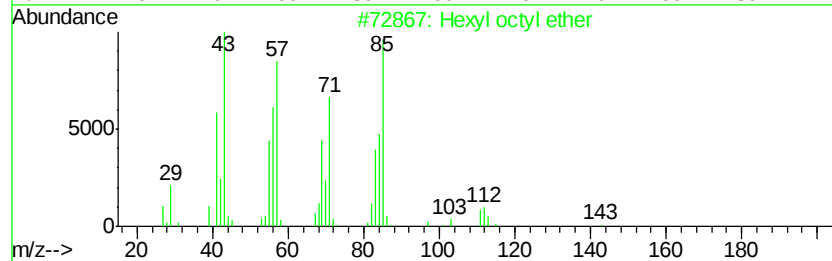
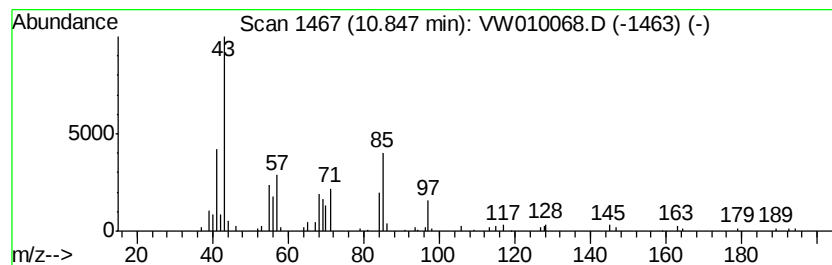
Instrument :
MSVOA_W
ClientSampled :
GAHR8

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

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

Peak Number 5 Hexyl octyl ether Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.85	1.34 ug/L	37180	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexyl octyl ether	214	C14H30O	017071-54-4	53
2	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	50
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	47
4	Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	47
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR8

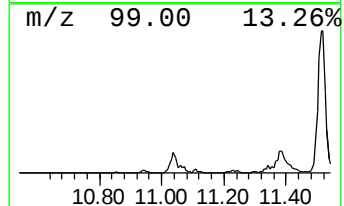
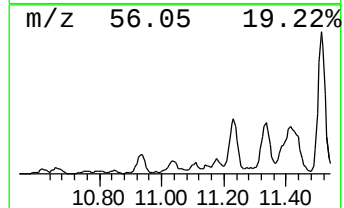
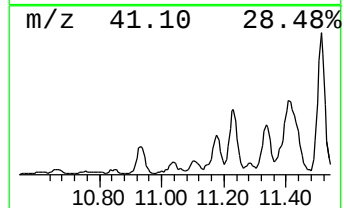
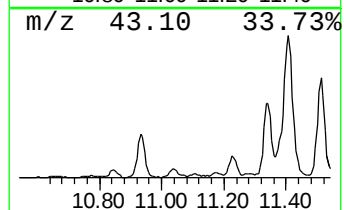
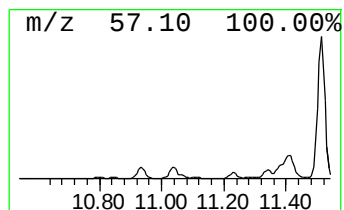
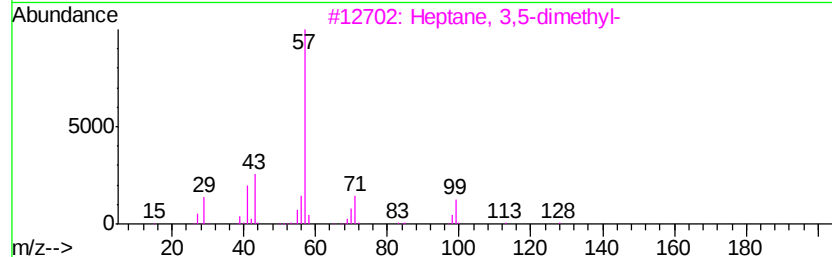
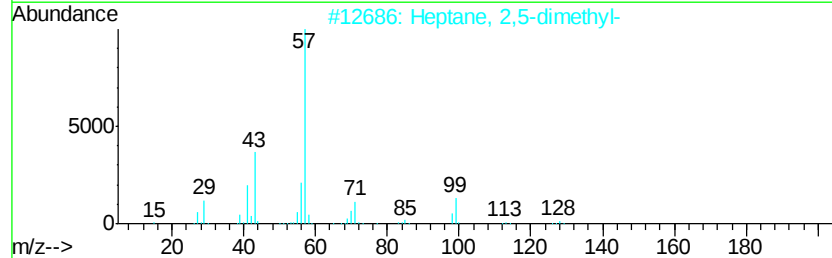
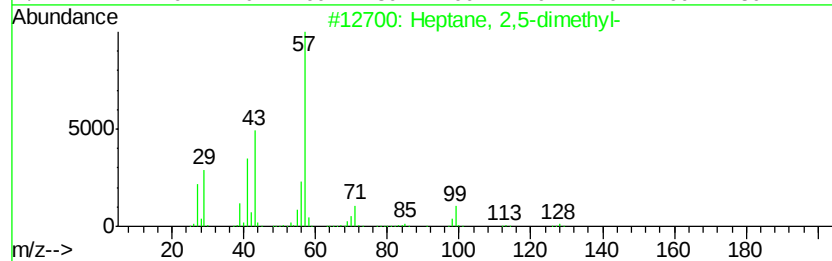
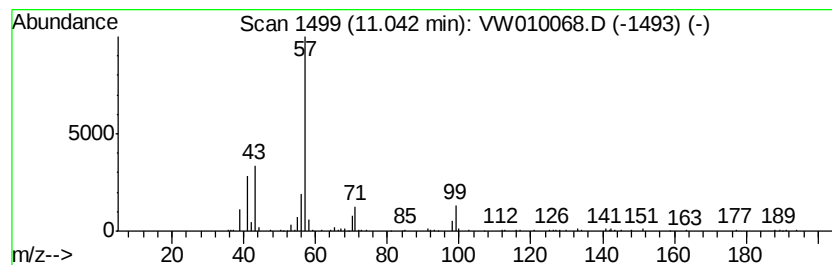
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	2.74 ug/L	76245	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
2		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
3		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	64
4		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
5		Octane, 3-methyl-	128	C9H20	002216-33-3	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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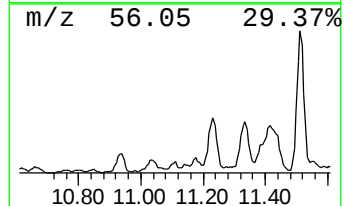
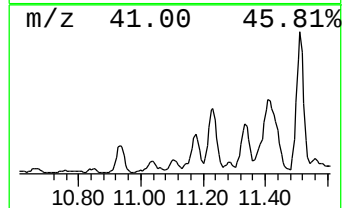
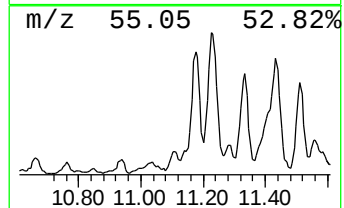
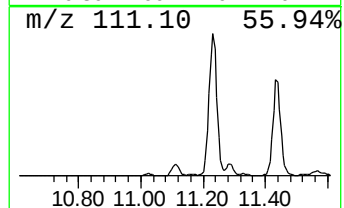
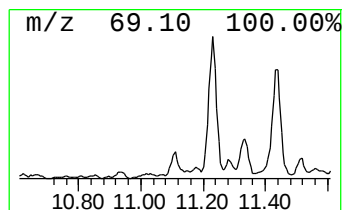
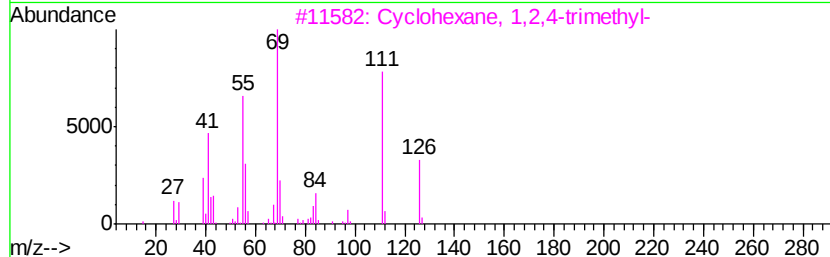
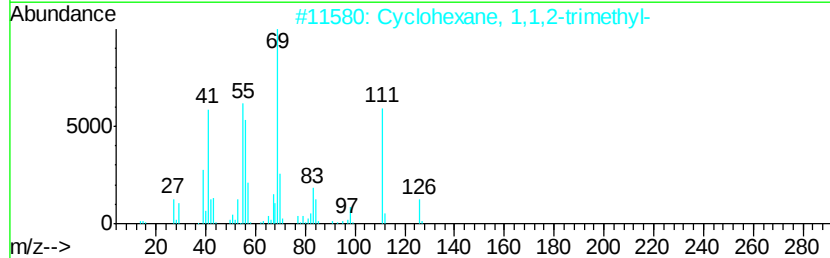
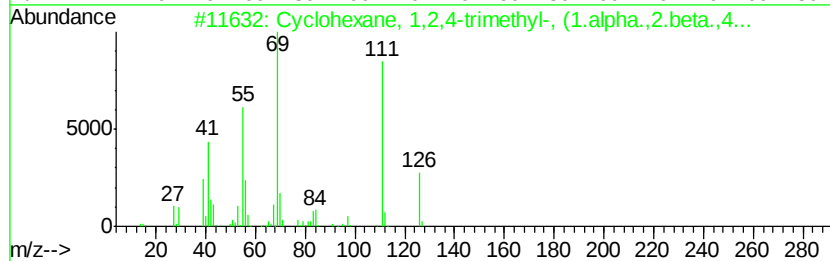
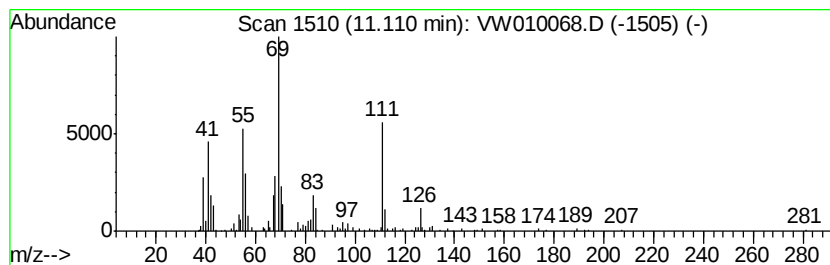
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Cyclic11.11 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	3.18 ug/L	88445	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	80
2		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	74
3		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	72
4		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	52
5		Cyclopentane, propyl-	112	C8H16	002040-96-2	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

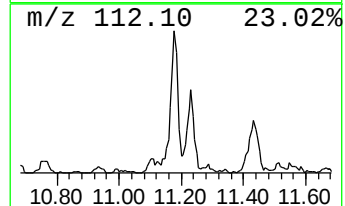
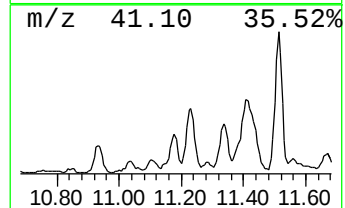
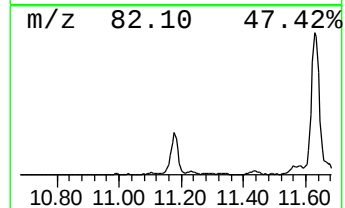
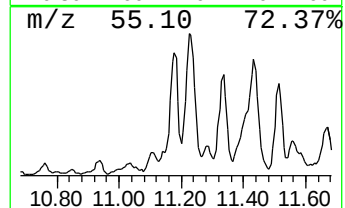
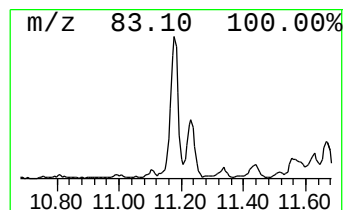
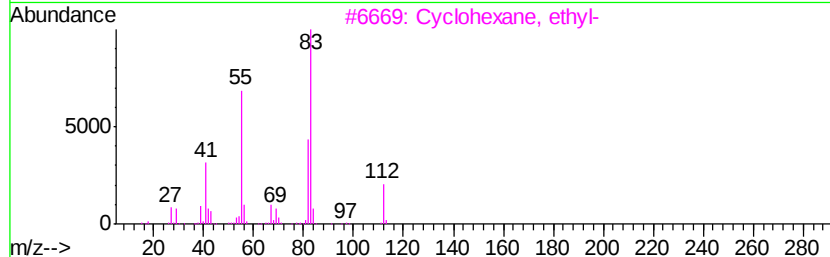
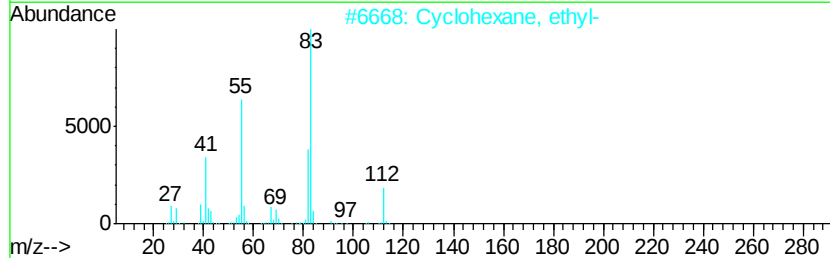
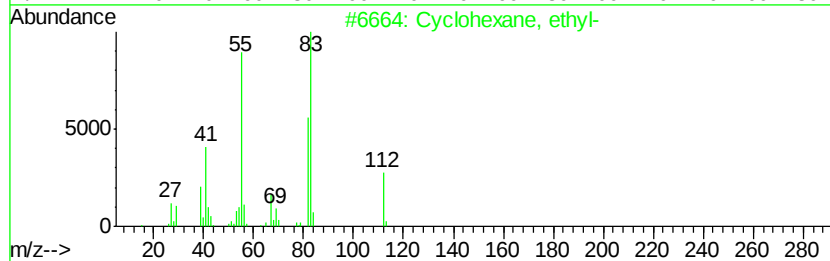
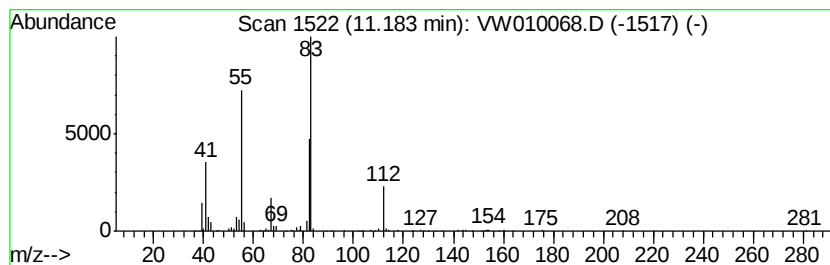
Instrument :
MSVOA_W
ClientSampleId :
GAHR8

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

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

Peak Number 8 (DEL) Alkane: Cyclic11.18 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.18	9.02 ug/L	251114	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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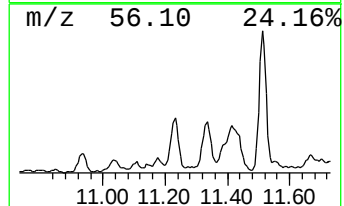
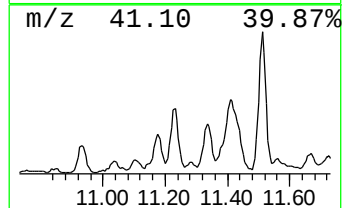
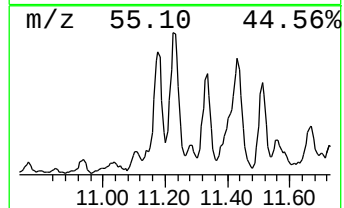
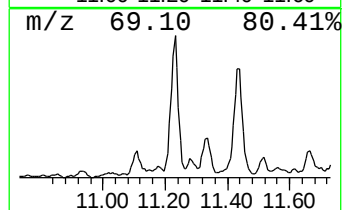
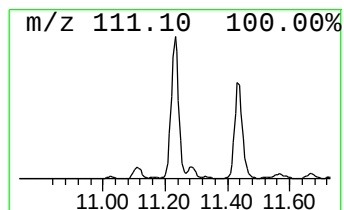
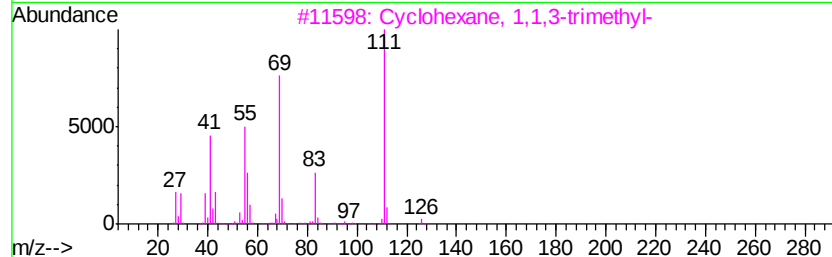
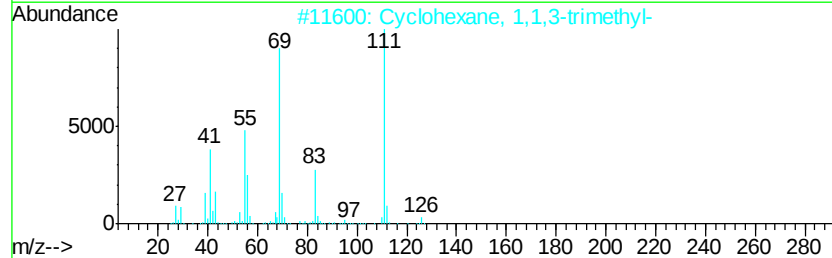
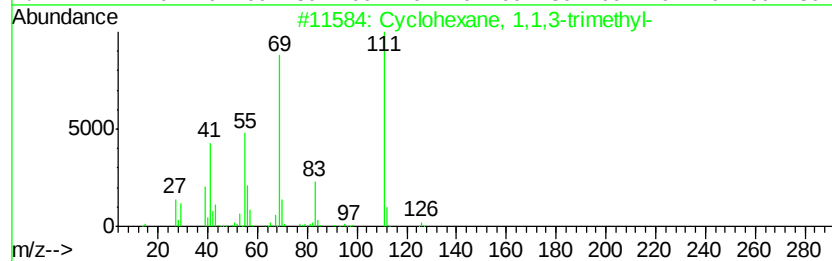
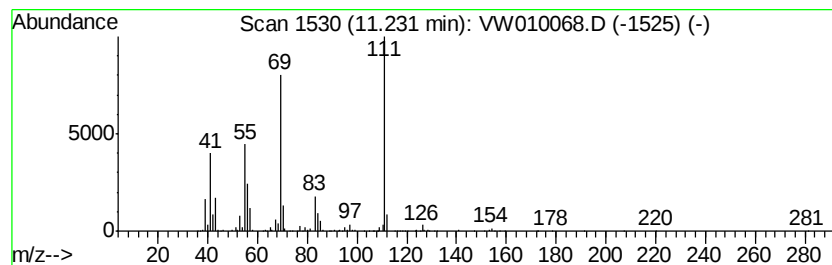
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Cyclic11.23 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	19.60 ug/L	545339	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	93
2		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
3		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
4		1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	80
5		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
 Data File : VW010068.D
 Acq On : 19 Apr 2019 15:46
 Operator : SY/VA
 Sample : K2455-18
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
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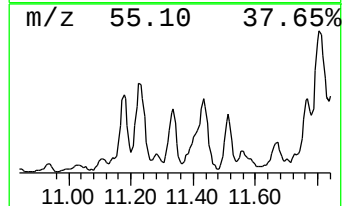
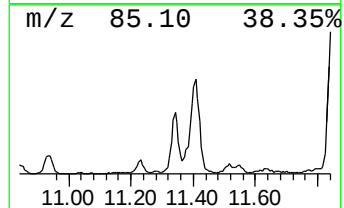
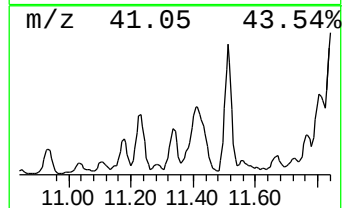
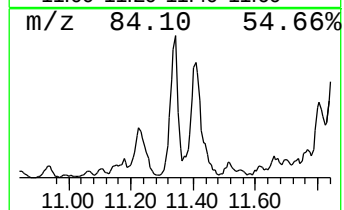
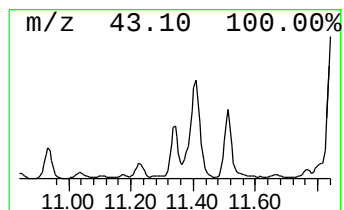
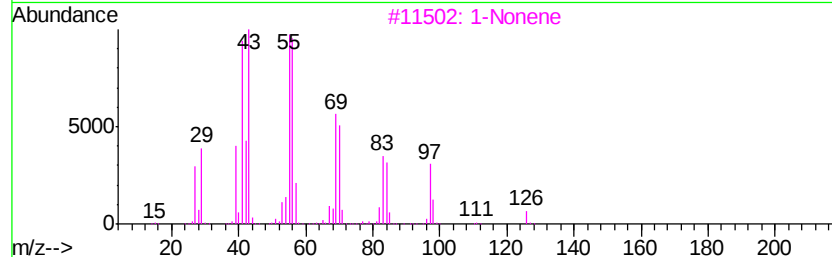
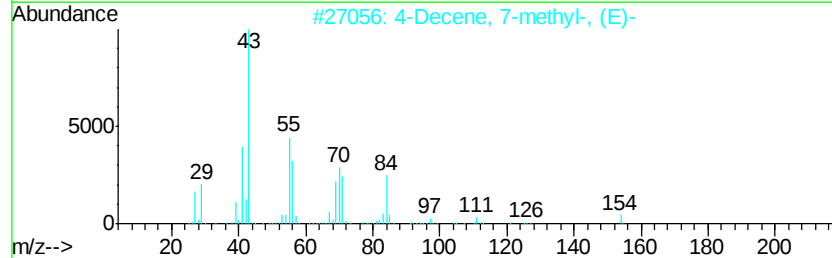
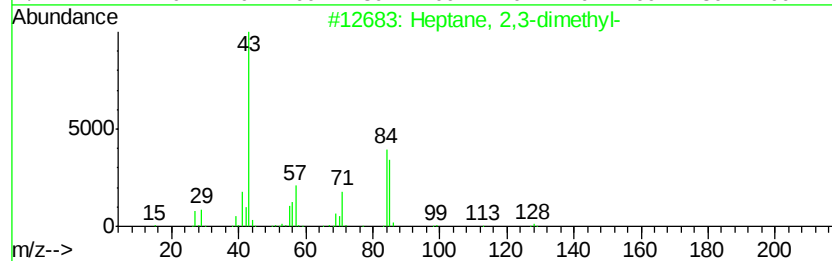
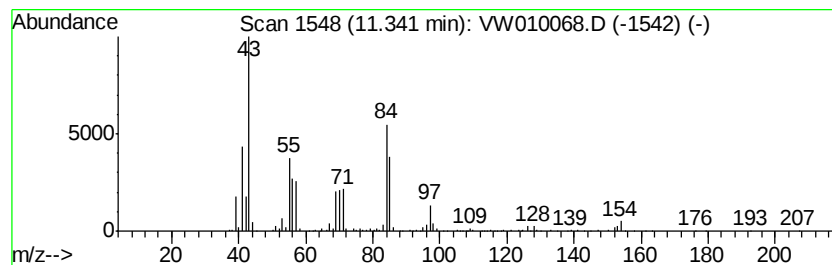
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 Quant Title : VOC Analysis

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

 Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	15.21 ug/L	423344	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	46
2		4-Decene, 7-methyl-, (E)-	154	C11H22	062338-48-1	46
3		1-Nonene	126	C9H18	000124-11-8	45
4		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	43
5		1-Octene, 4-methyl-	126	C9H18	013151-12-7	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR8

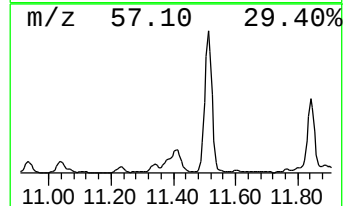
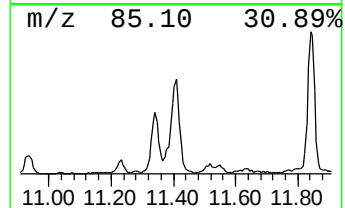
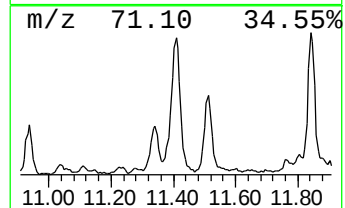
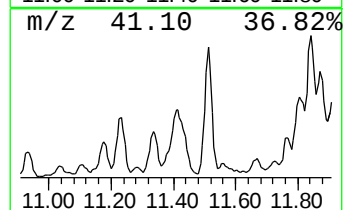
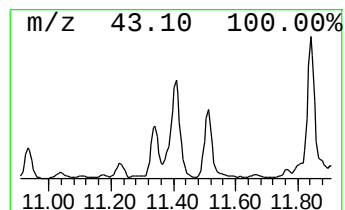
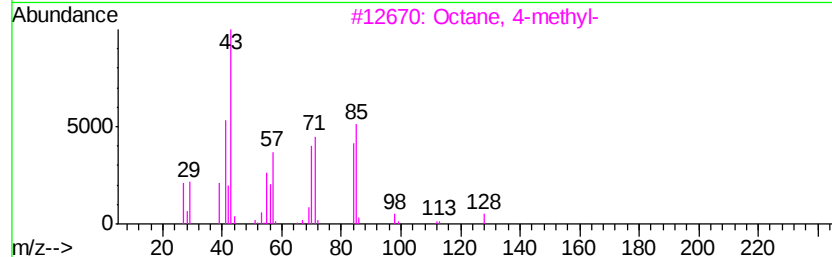
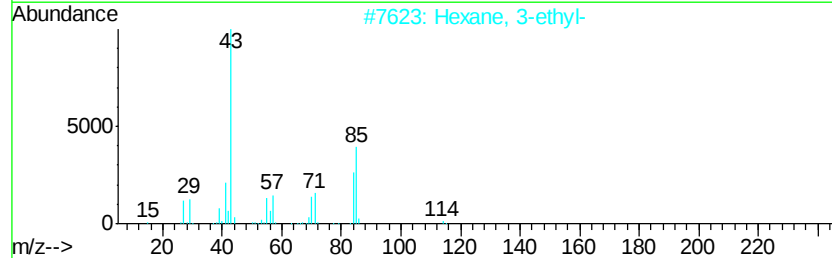
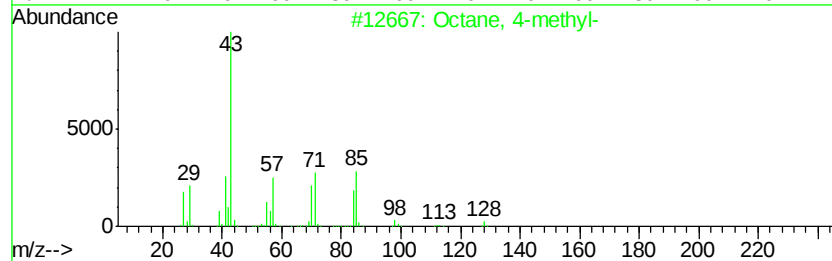
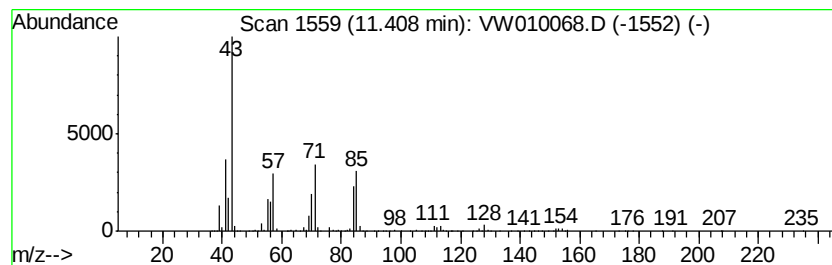
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	40.73 ug/L	1133400	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 4-methyl-	128	C9H20	002216-34-4	91
2		Hexane, 3-ethyl-	114	C8H18	000619-99-8	78
3		Octane, 4-methyl-	128	C9H20	002216-34-4	72
4		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
5		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR8

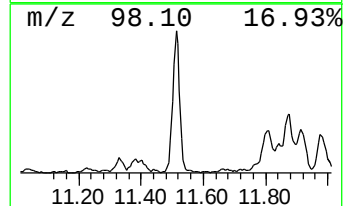
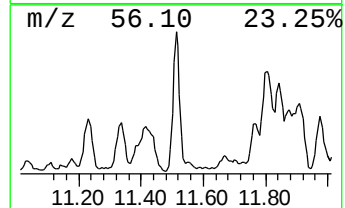
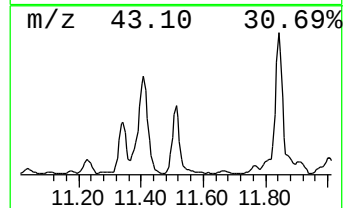
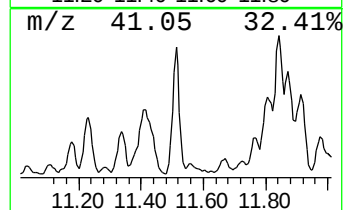
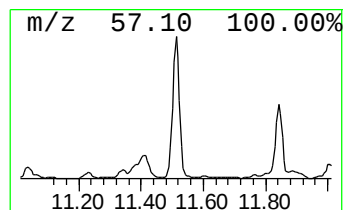
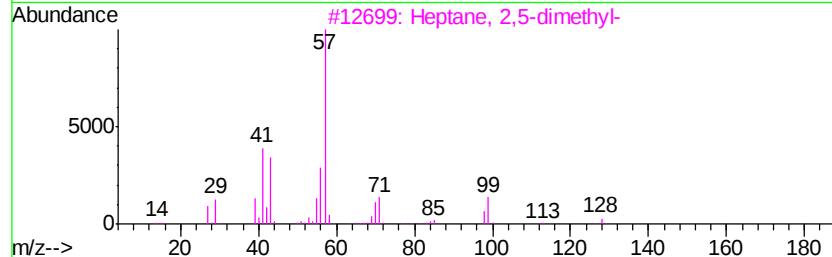
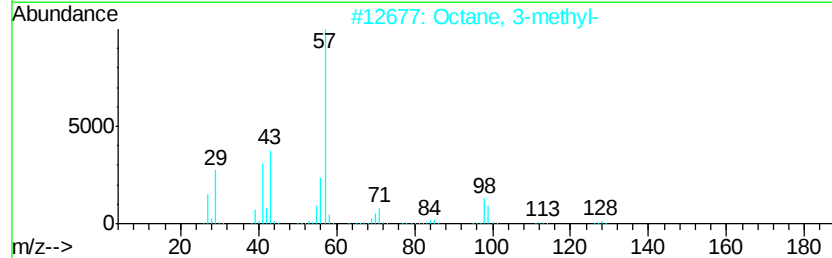
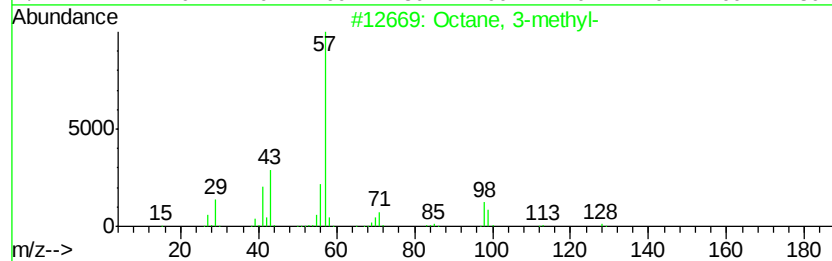
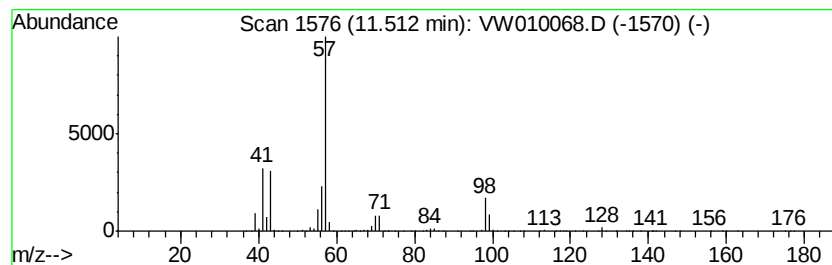
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	30.43 ug/L	846695	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3-methyl-	128	C9H20	002216-33-3	91
2		Octane, 3-methyl-	128	C9H20	002216-33-3	86
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	74
4		Octane, 3-methyl-	128	C9H20	002216-33-3	72
5		Heptane, 4-propyl-	142	C10H22	003178-29-8	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR8

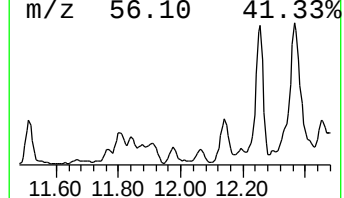
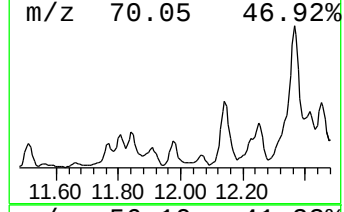
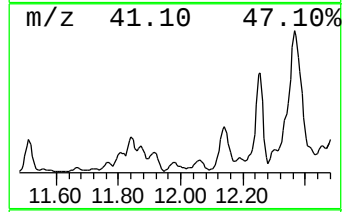
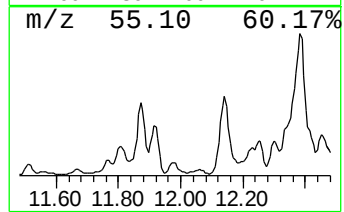
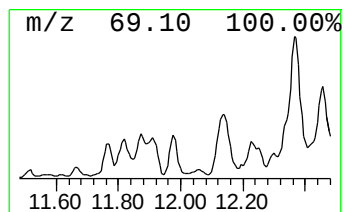
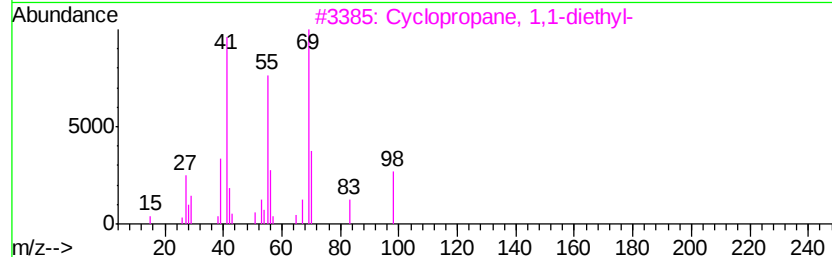
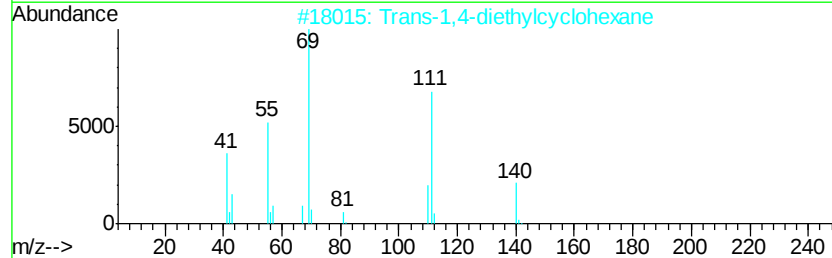
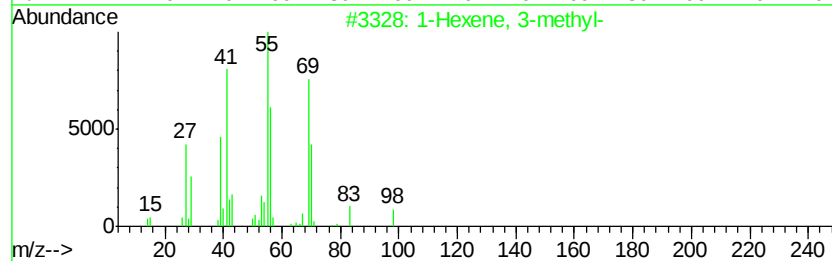
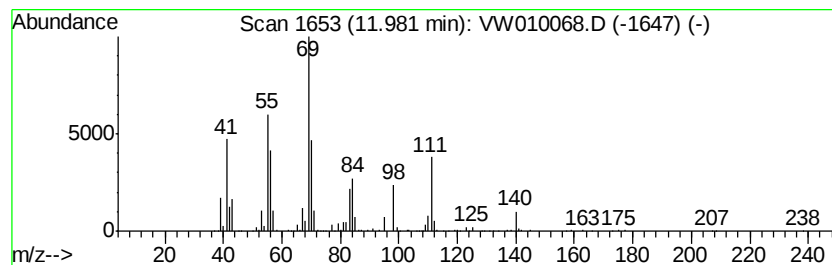
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Cyclic11.98 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	16.81 ug/L	467754	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	50
2		Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	50
3		Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	46
4		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	46
5		1R,2c,3t,4t-Tetramethyl-cyclohexane	140	C10H20	1000144-07-3	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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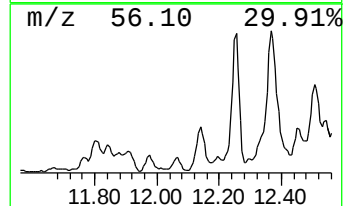
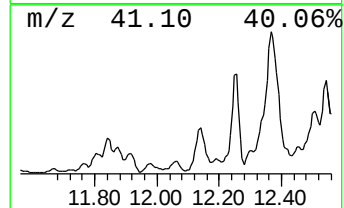
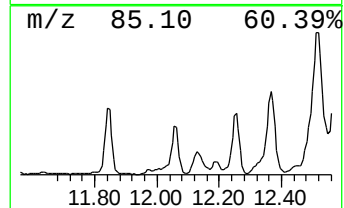
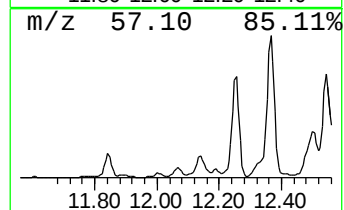
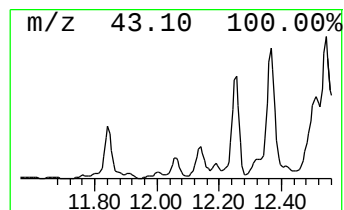
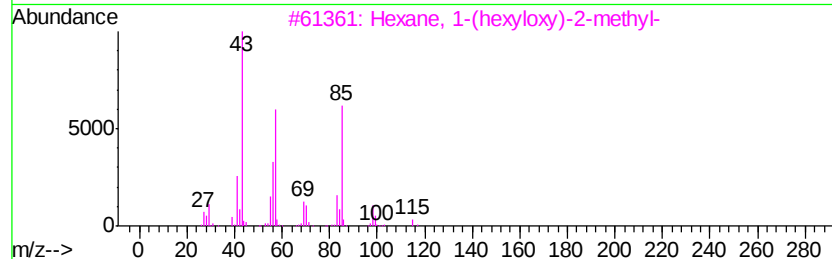
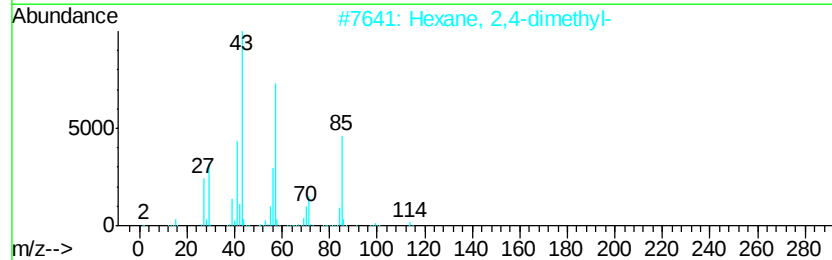
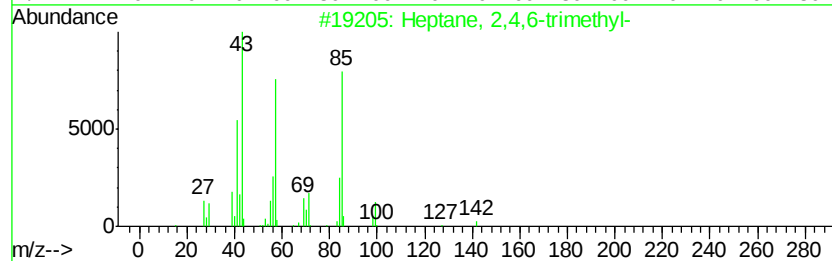
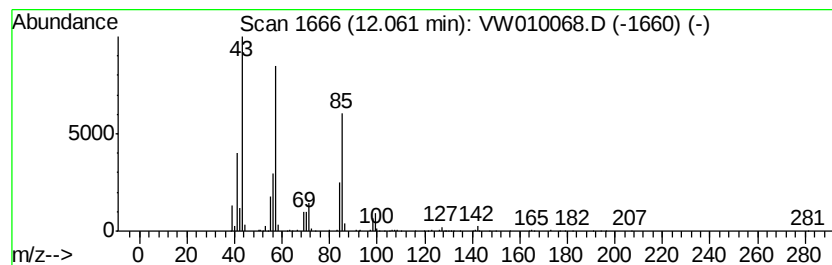
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Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	16.69 ug/L	464521	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	74
2		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
3		Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	53
4		Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	50
5		Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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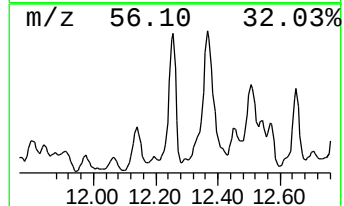
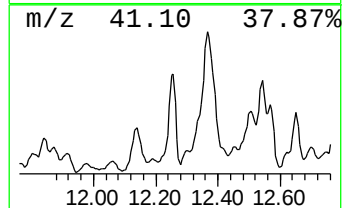
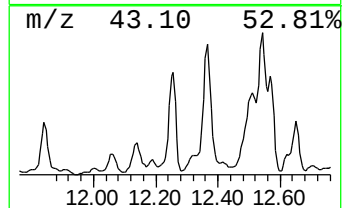
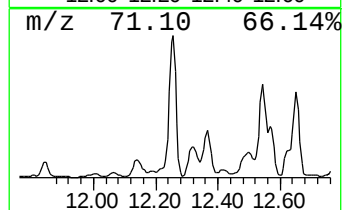
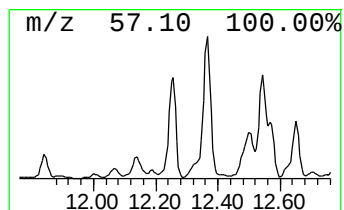
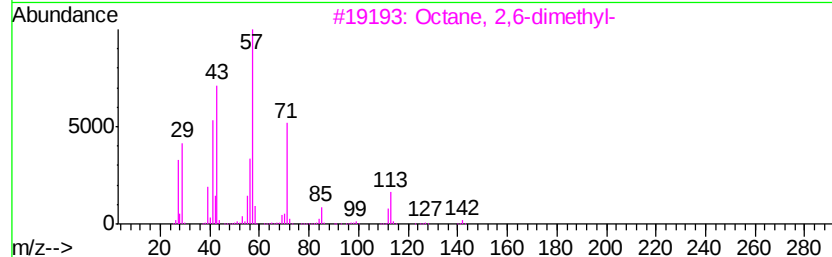
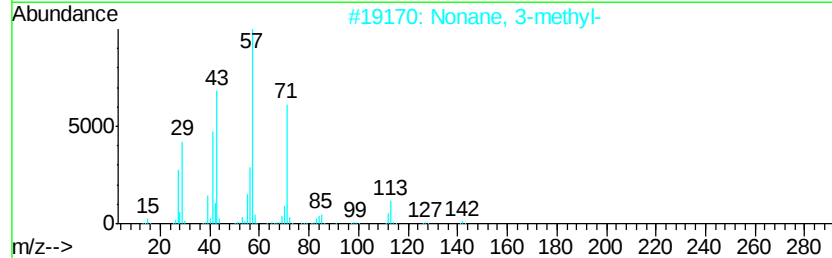
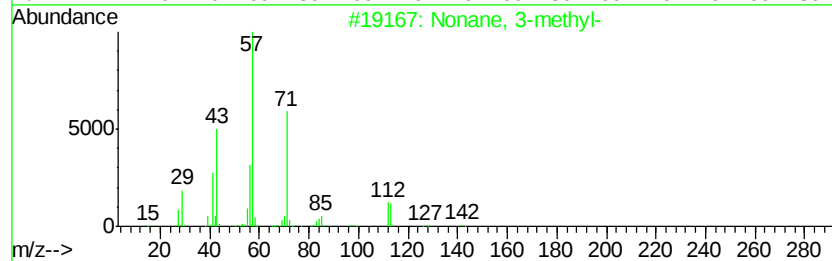
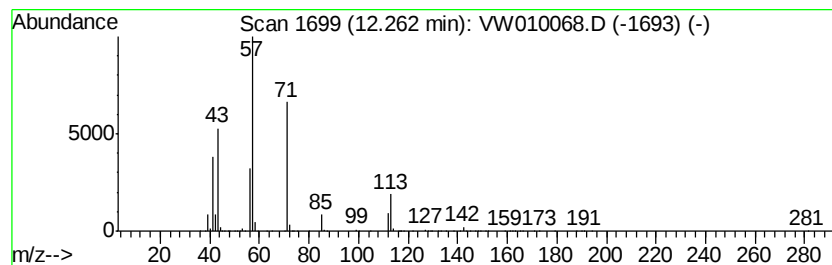
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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	92.11 ug/L	2562990	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	91
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR8

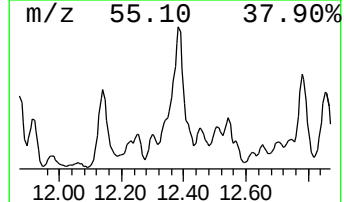
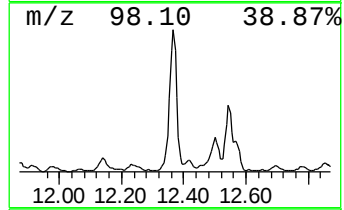
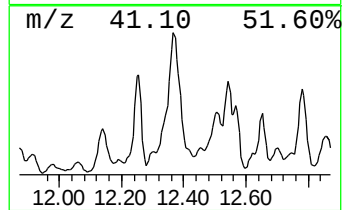
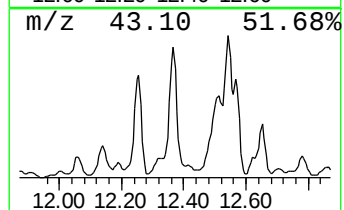
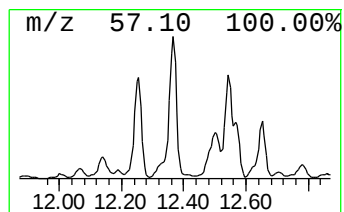
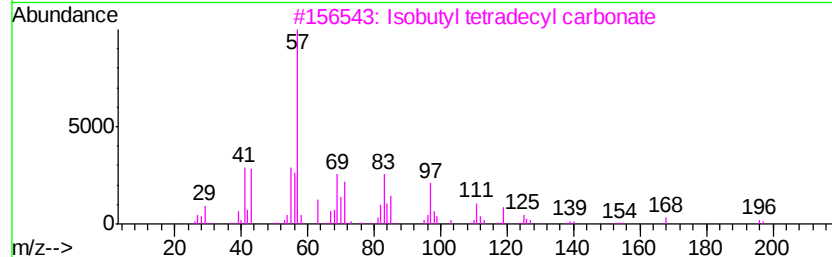
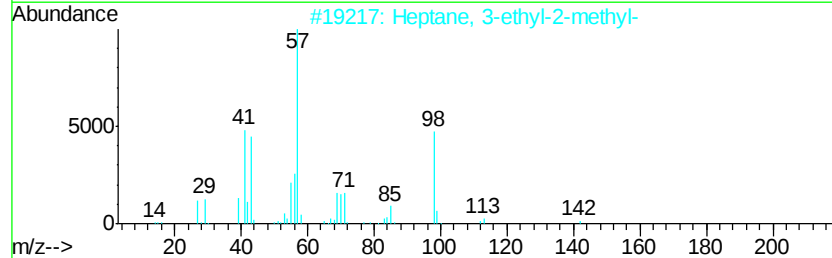
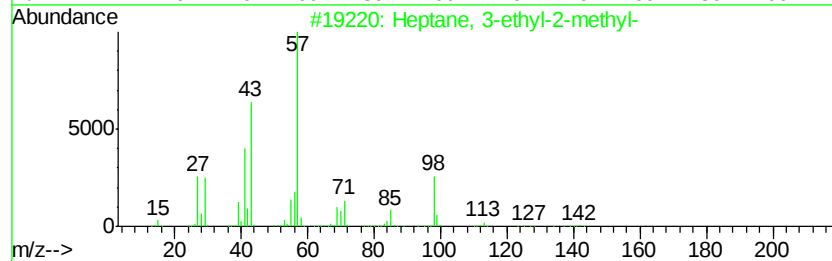
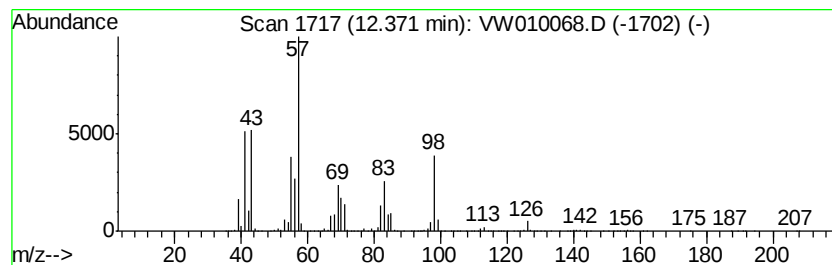
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	345.92 ug/L	9625290	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	80
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	68
3		Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	64
4		Decyl isobutyl carbonate	258	C15H30O3	959226-07-4	64
5		1,2-Cyclopentanediol, 3-methyl-	116	C6H12O2	027583-37-5	59



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR8

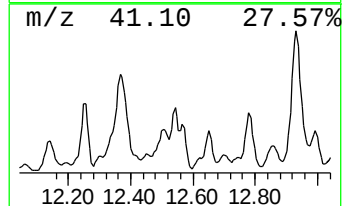
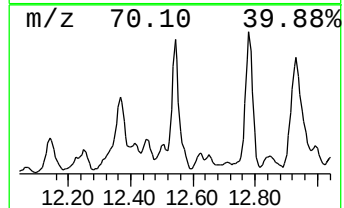
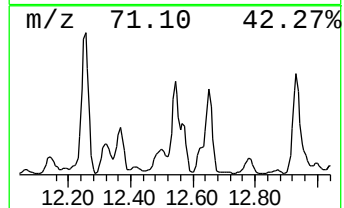
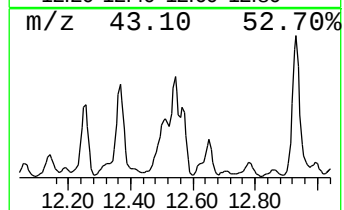
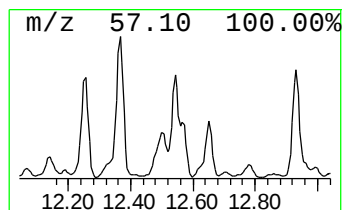
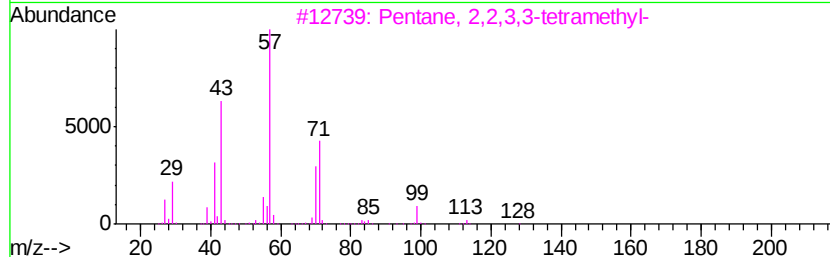
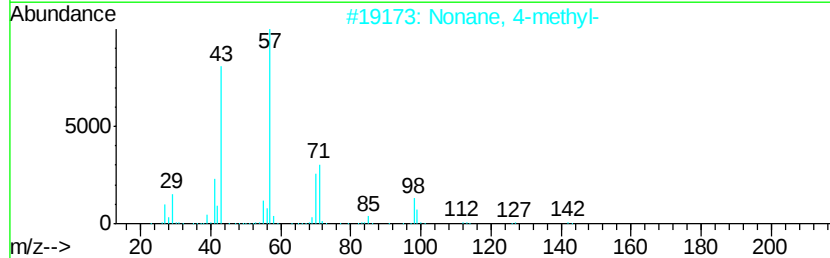
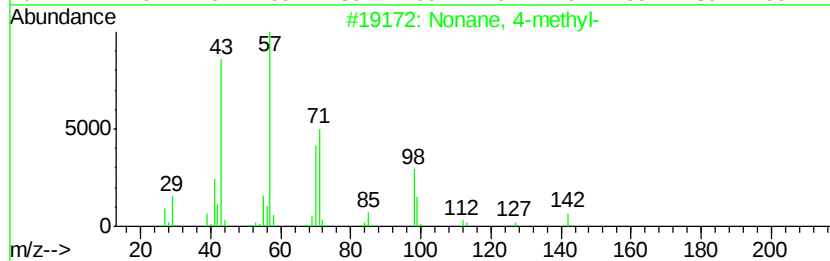
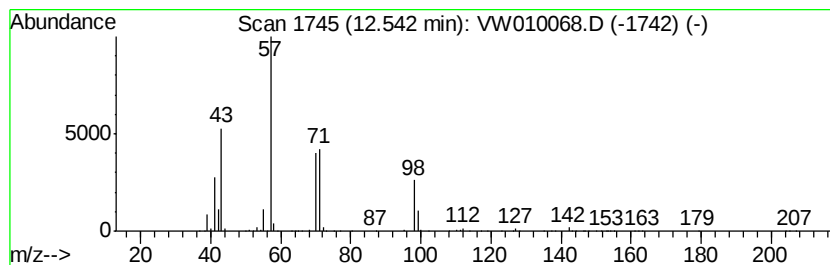
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Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	42.84 ug/L	1192100	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4-methyl-	142	C10H22	017301-94-9	72
2		Nonane, 4-methyl-	142	C10H22	017301-94-9	59
3		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
4		Nonane, 4-methyl-	142	C10H22	017301-94-9	50
5		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR8

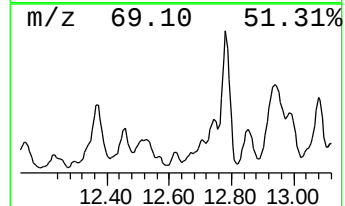
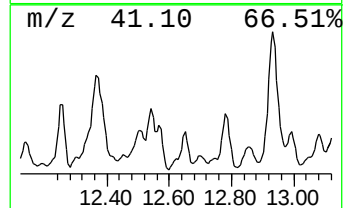
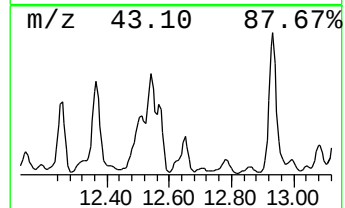
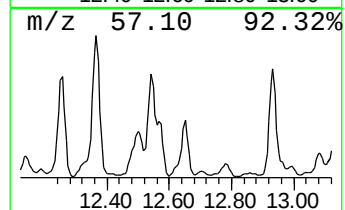
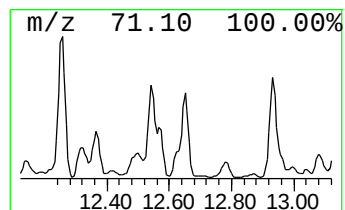
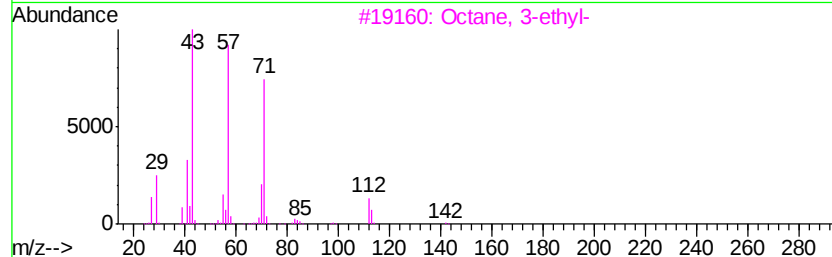
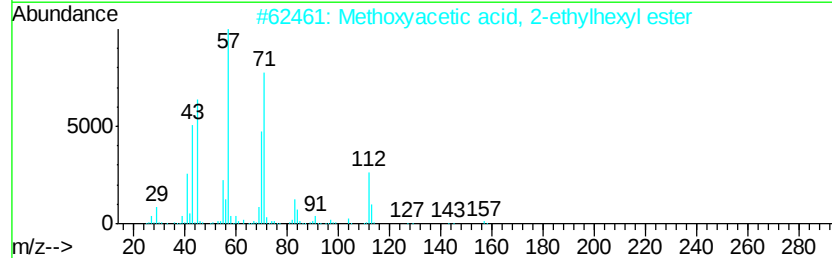
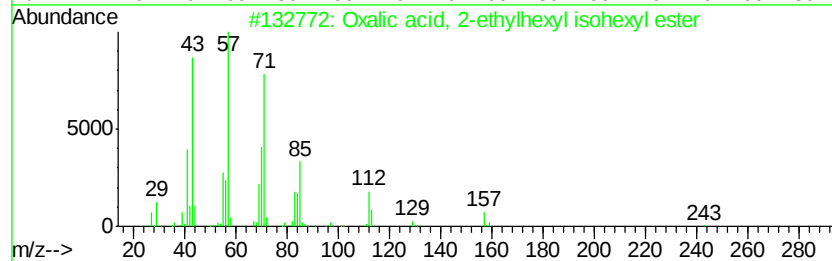
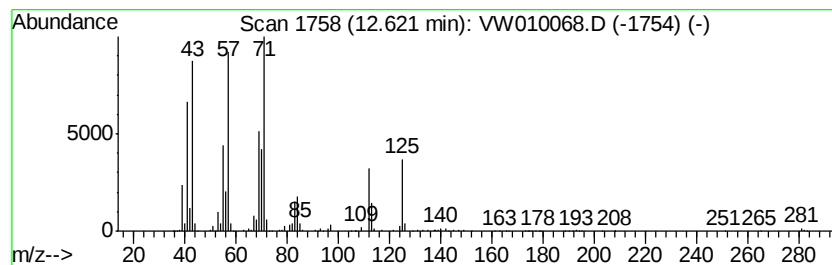
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Quant Title : VOC Analysis

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

Peak Number 18 Oxalic acid, 2-ethylhexyl i... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	6.67 ug/L	531517	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, 2-ethylhexyl isohex...	286	C16H30O4	1000309-38-8	72
2			Methoxyacetic acid, 2-ethylhexyl...	202	C11H22O3	1000282-41-4	64
3			Octane, 3-ethyl-	142	C10H22	005881-17-4	62
4			Octane, 3-ethyl-	142	C10H22	005881-17-4	58
5			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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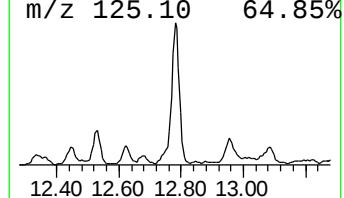
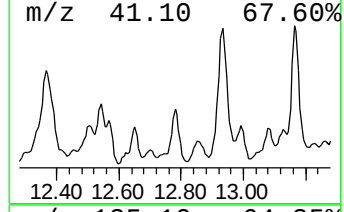
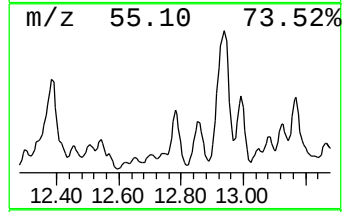
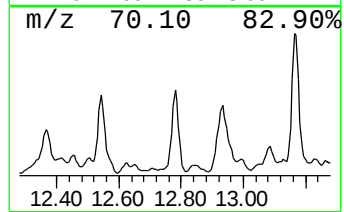
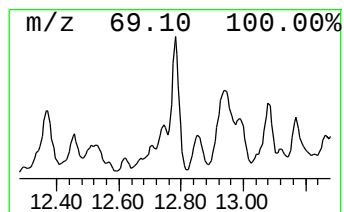
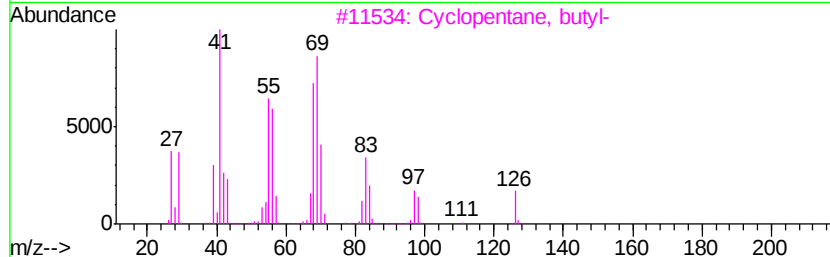
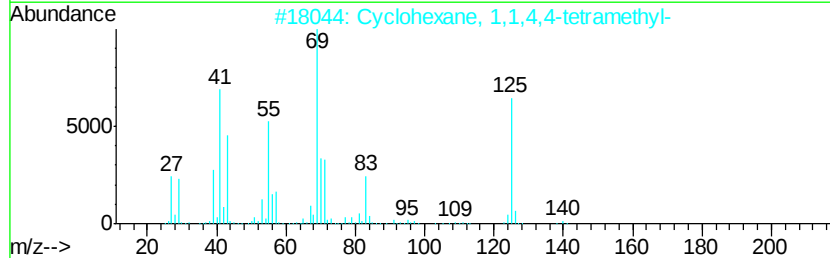
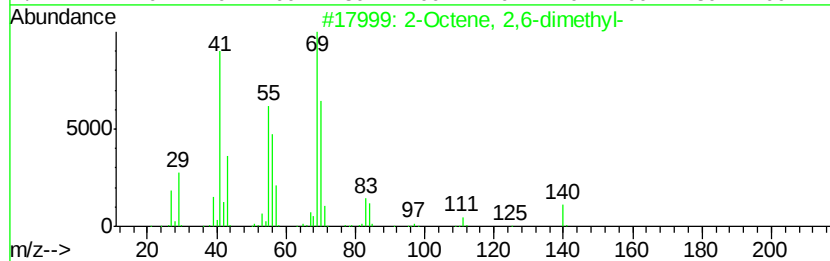
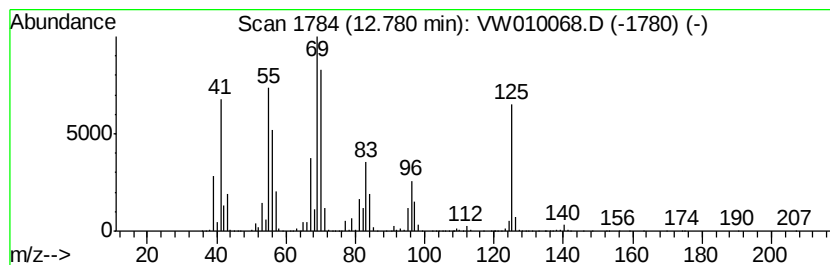
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Quant Title : VOC Analysis

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

Peak Number 19 (DEL) Alkane: Cyclic12.78 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	40.22 ug/L	3203450	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
2		Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	55
3		Cyclopentane, butyl-	126	C9H18	002040-95-1	52
4		cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	50
5		trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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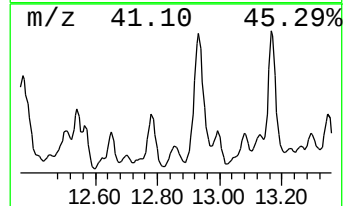
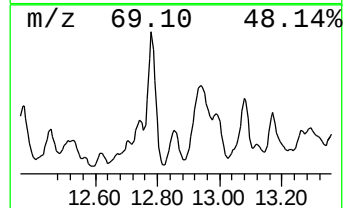
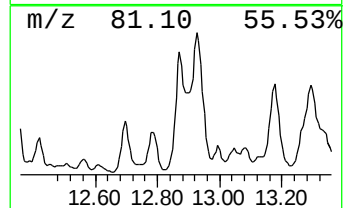
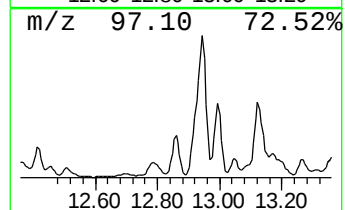
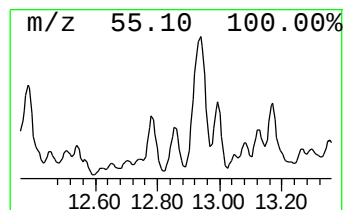
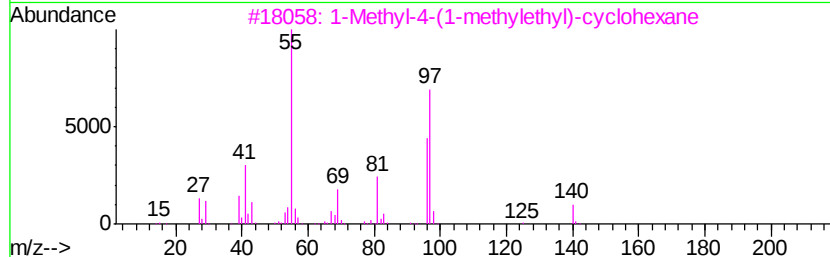
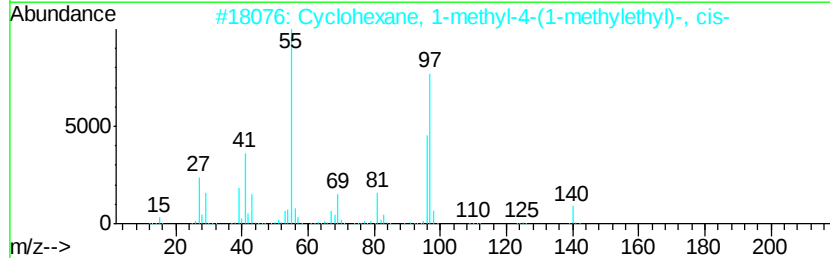
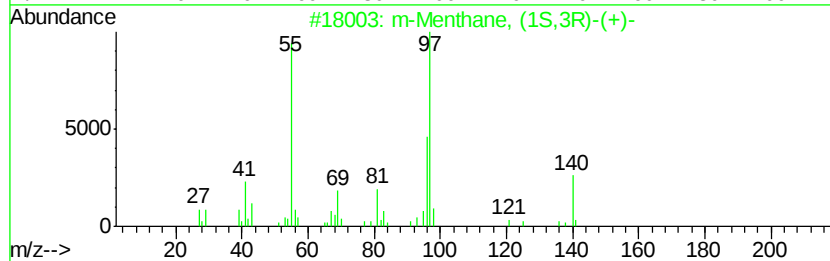
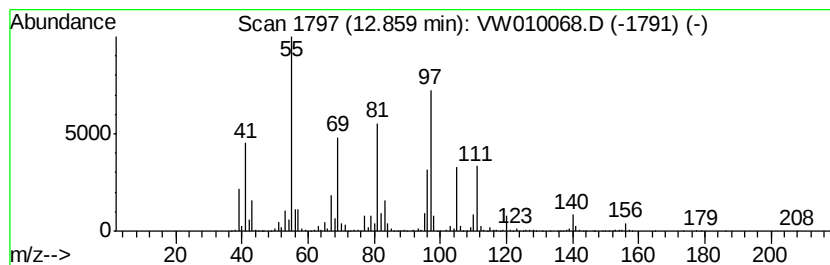
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Quant Title : VOC Analysis

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

Peak Number 20 (DEL) Alkane: Cyclic12.86 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	25.20 ug/L	2007140	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	47
2		Cyclohexane, 1-methyl-4-(1-methyl-...	140	C10H20	006069-98-3	46
3		1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	46
4		Cyclopentane, 1-methyl-3-(2-methyl...	140	C10H20	029053-04-1	46
5		Cyclohexane, 1-methyl-4-(1-methyl-...	140	C10H20	001678-82-6	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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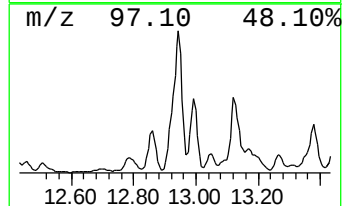
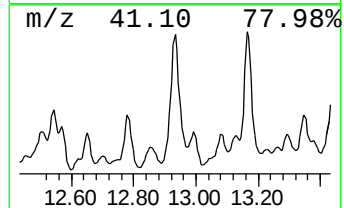
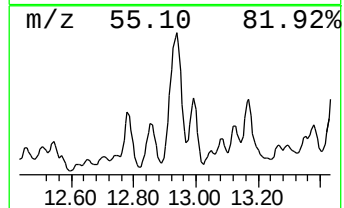
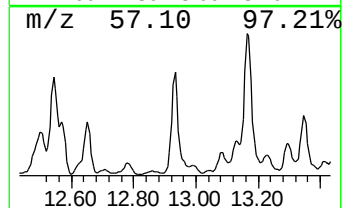
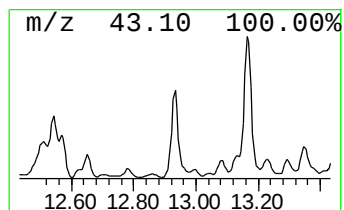
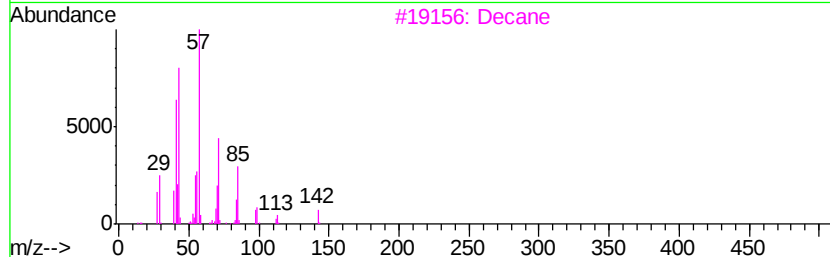
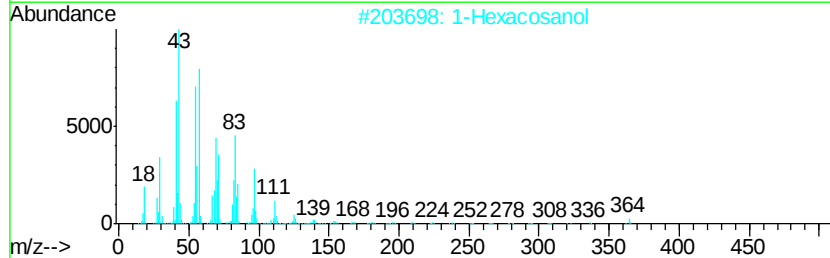
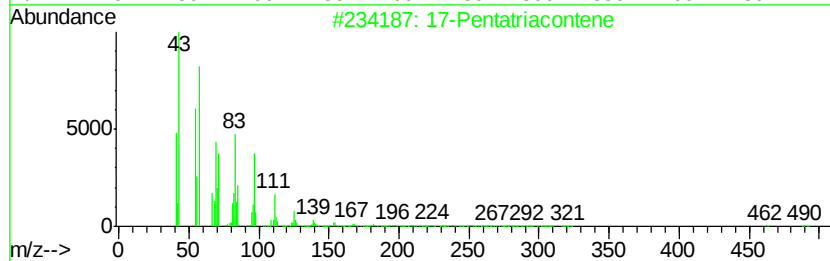
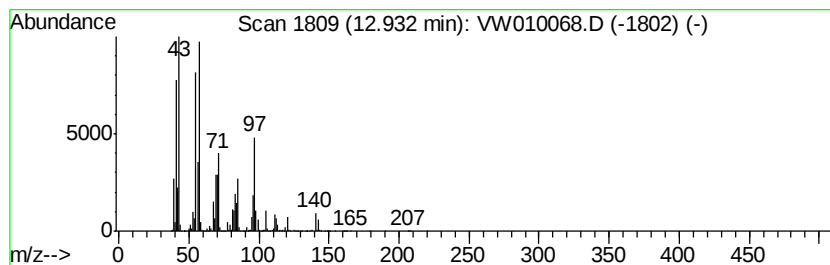
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Quant Title : VOC Analysis

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	115.39 ug/L	9191410	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	72
2		1-Hexacosanol	382	C26H54O	000506-52-5	58
3		Decane	142	C10H22	000124-18-5	55
4		Decane	142	C10H22	000124-18-5	50
5		Cyclodecane	140	C10H20	000293-96-9	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

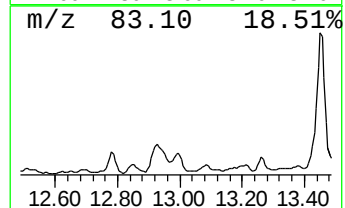
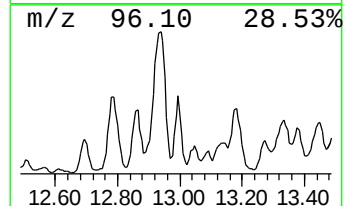
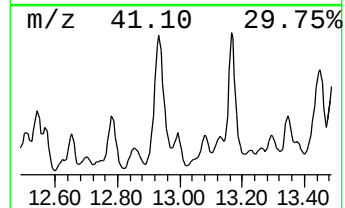
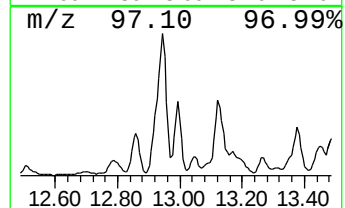
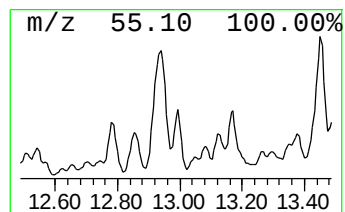
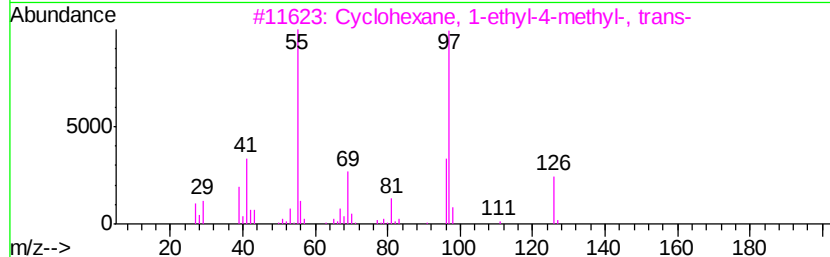
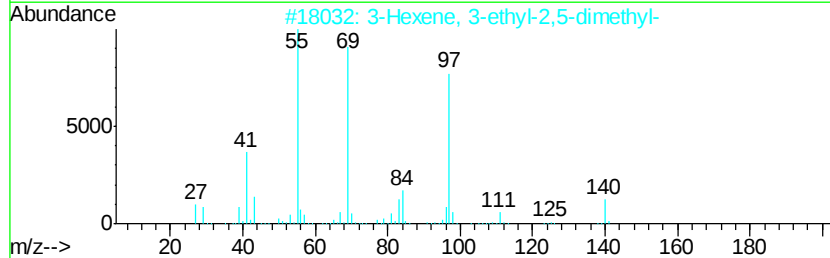
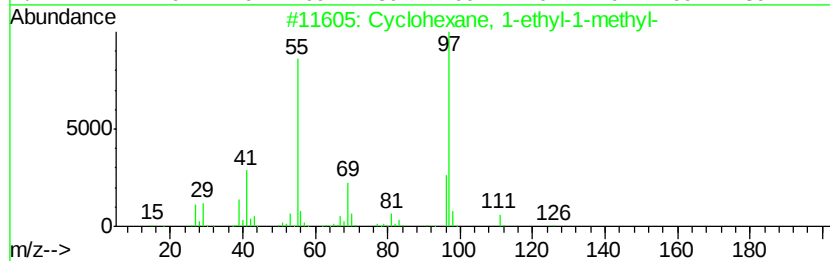
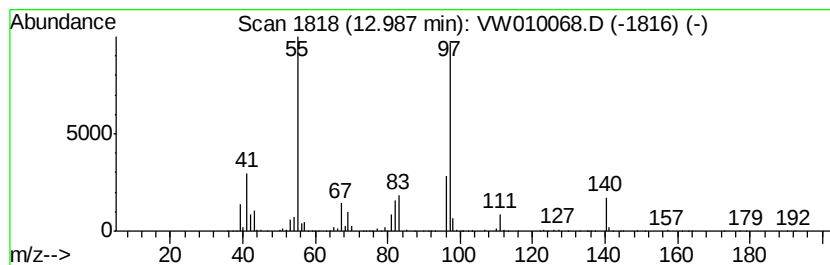
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 22 (DEL) Alkane: Cyclic12.99 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.99	21.92 ug/L	1745920	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	58
2	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	53
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	50
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	50
5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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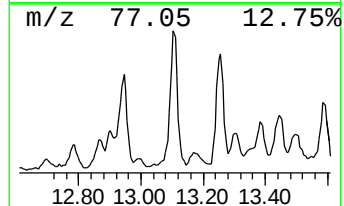
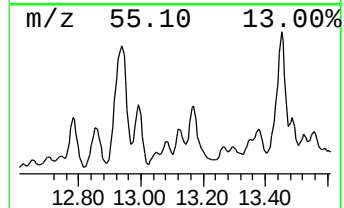
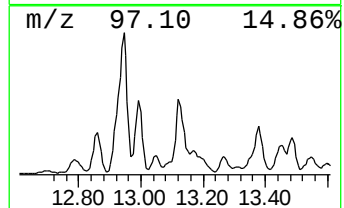
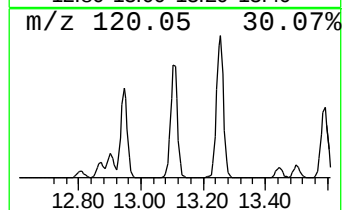
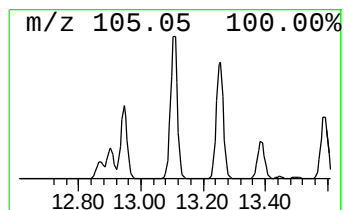
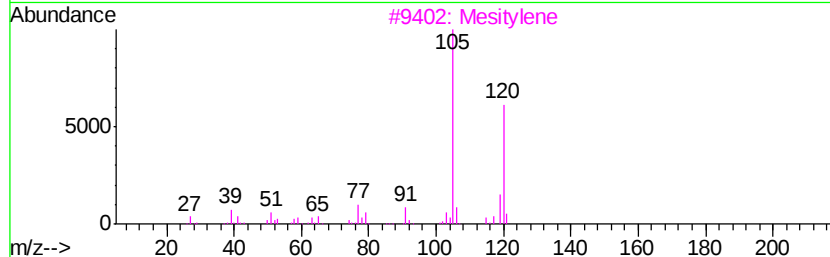
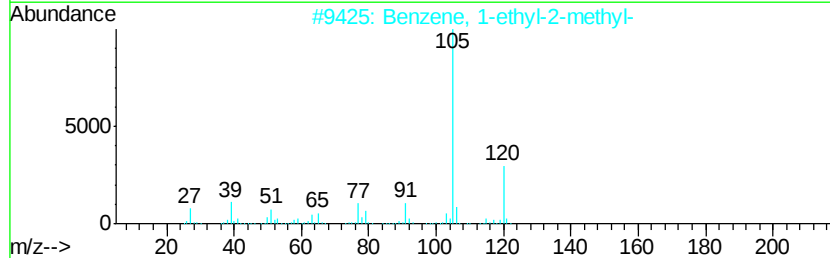
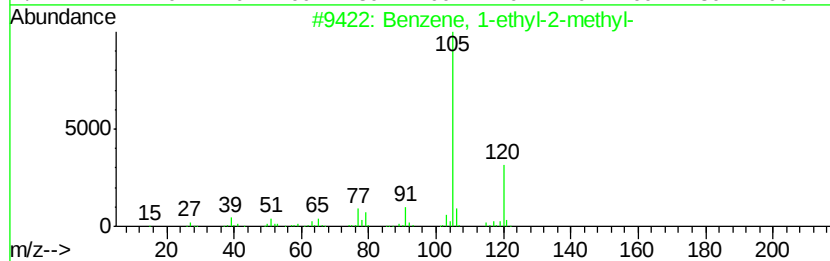
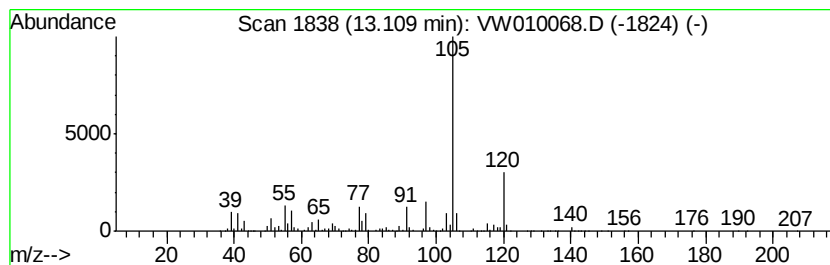
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Quant Title : VOC Analysis

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

Peak Number 23 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	74.07 ug/L	5899790	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	93
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81
3		Mesitylene	120	C9H12	000108-67-8	81
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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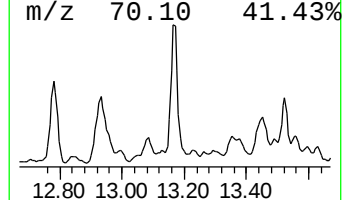
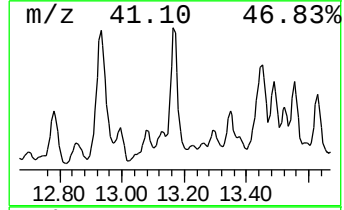
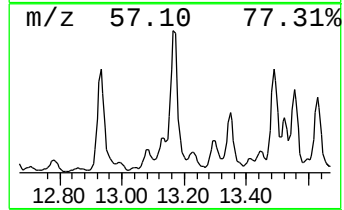
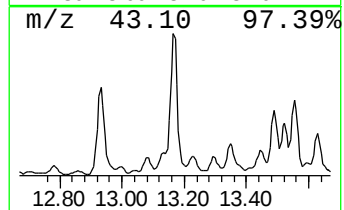
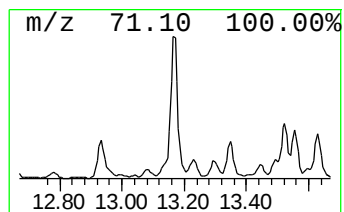
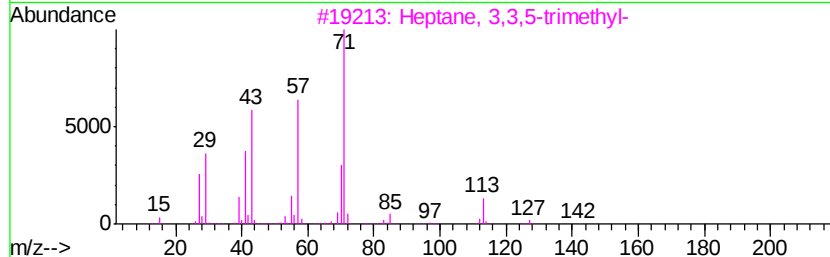
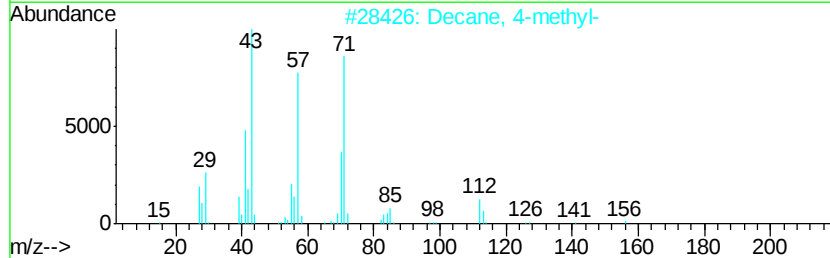
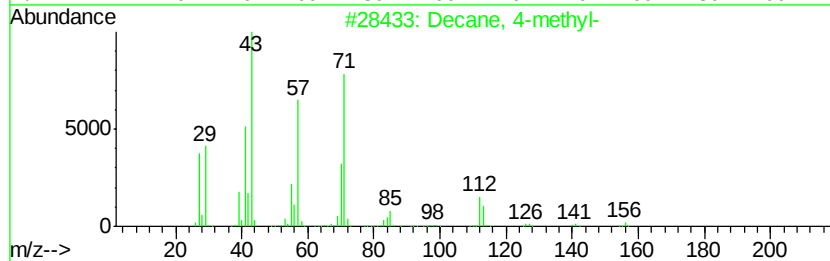
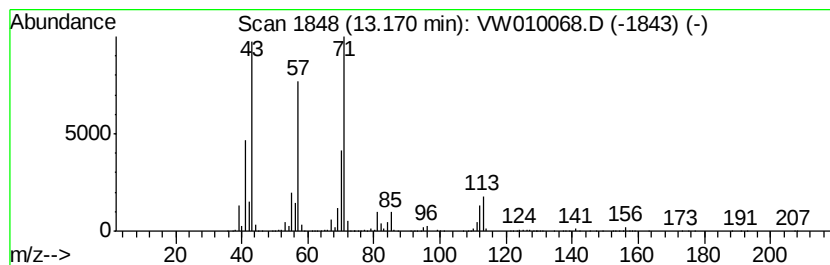
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Quant Title : VOC Analysis

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	79.47 ug/L	6330580	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	95
2		Decane, 4-methyl-	156	C11H24	002847-72-5	90
3		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
4		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
5		Decane, 4-methyl-	156	C11H24	002847-72-5	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR8

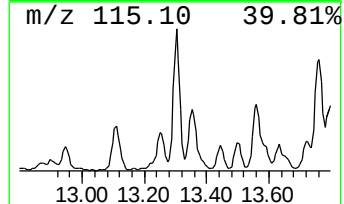
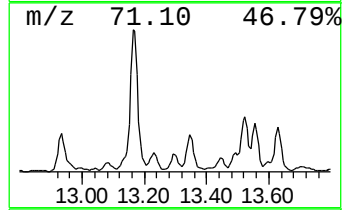
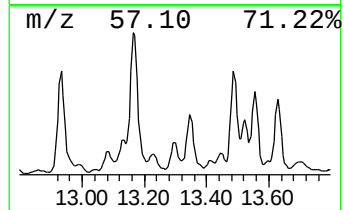
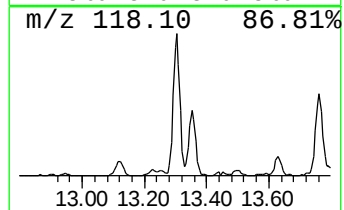
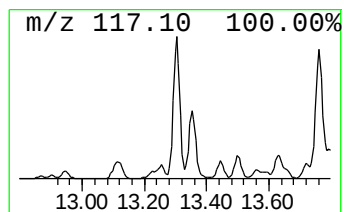
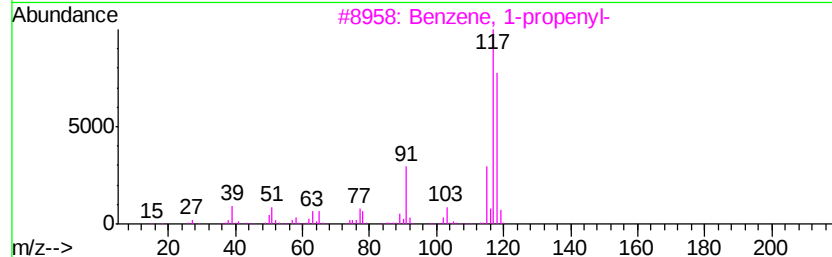
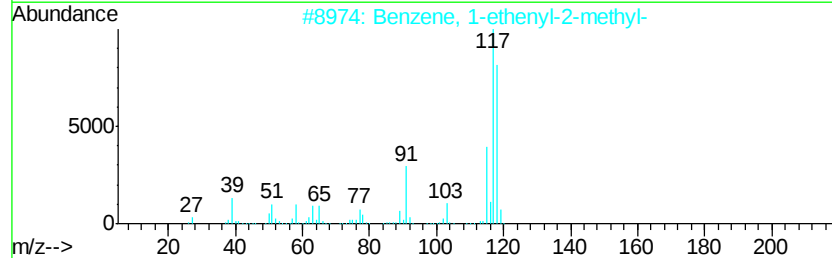
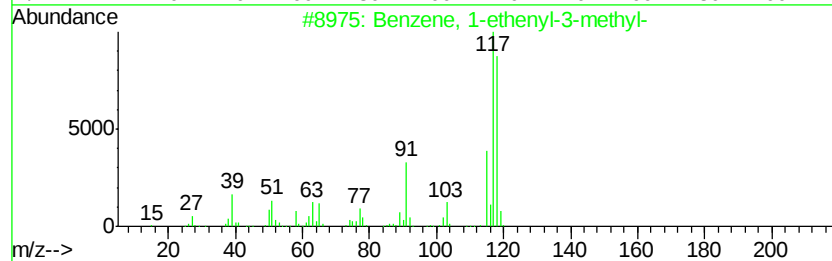
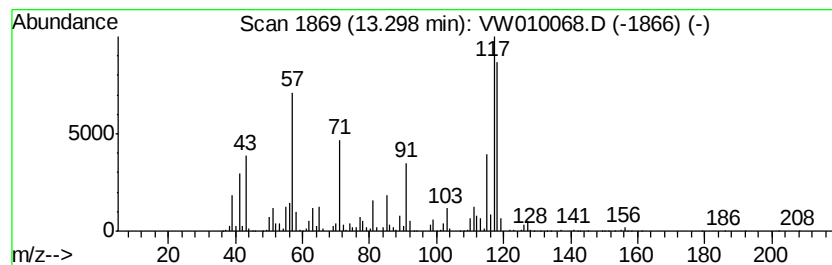
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Quant Title : VOC Analysis

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

Peak Number 26 Benzene, 1-ethenyl-3-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	15.13 ug/L	1205250	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
2		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	92
3		Benzene, 1-propenyl-	118	C9H10	000637-50-3	91
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	91
5		(Z)-1-Phenylpropene	118	C9H10	000766-90-5	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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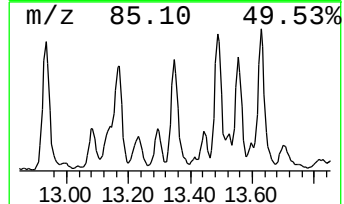
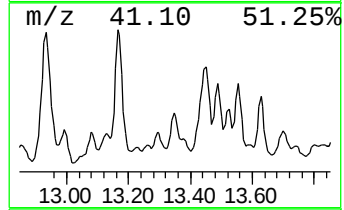
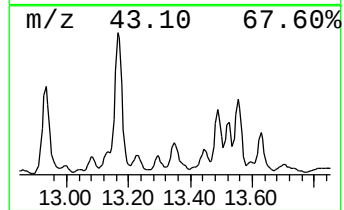
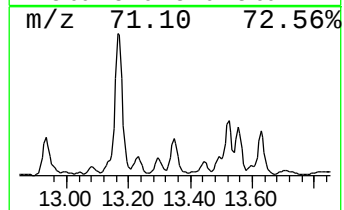
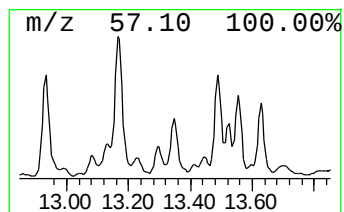
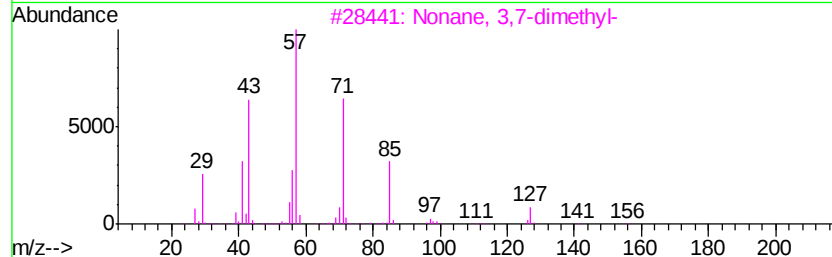
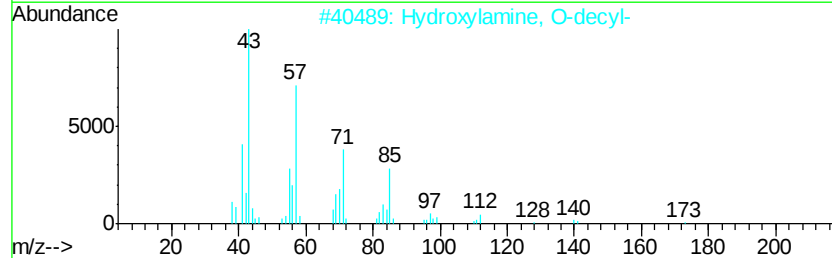
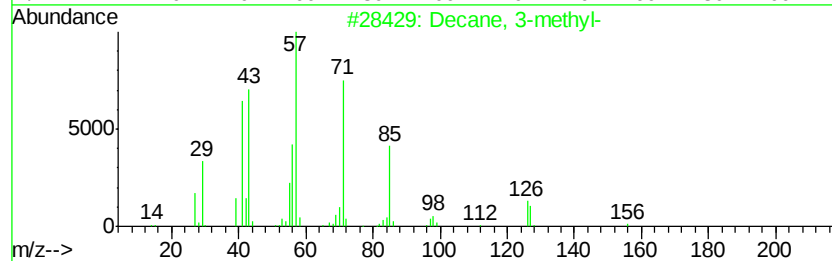
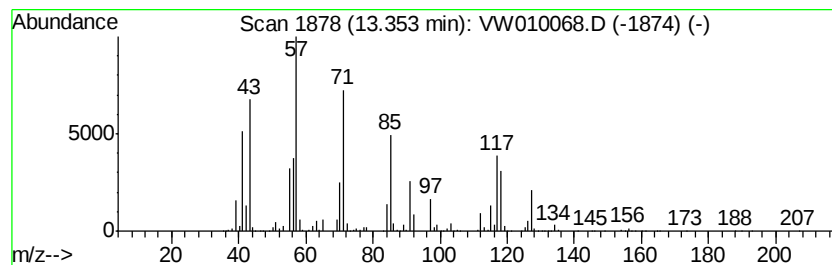
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Quant Title : VOC Analysis

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	21.71 ug/L	1729040	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	76
2		Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	64
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
4		Undecane	156	C11H24	001120-21-4	53
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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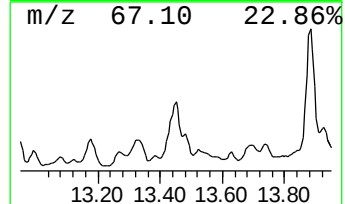
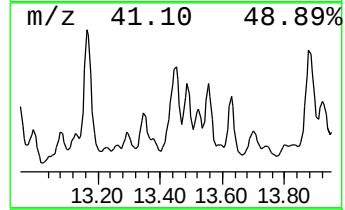
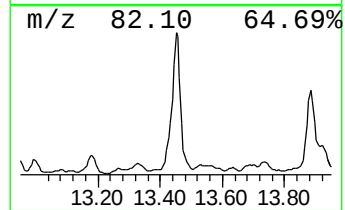
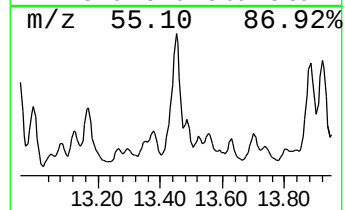
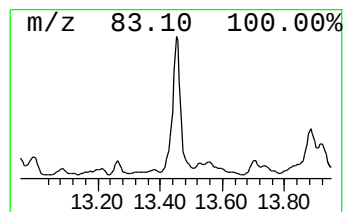
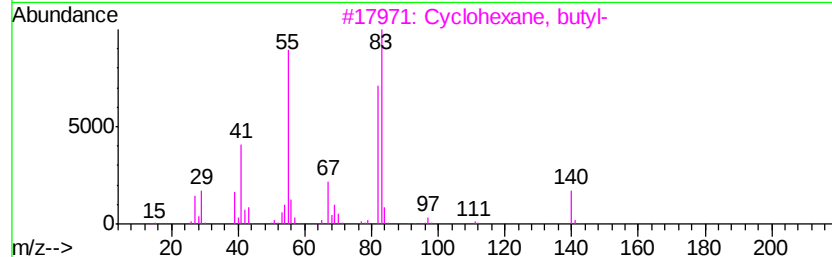
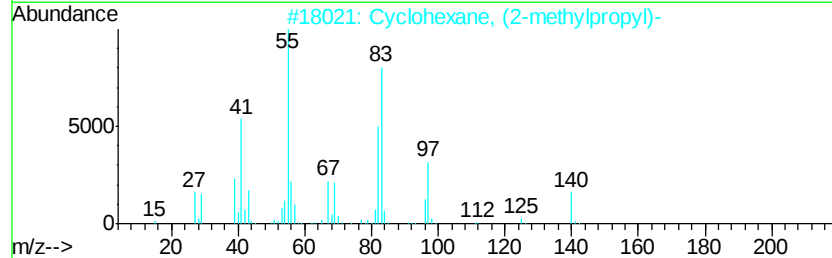
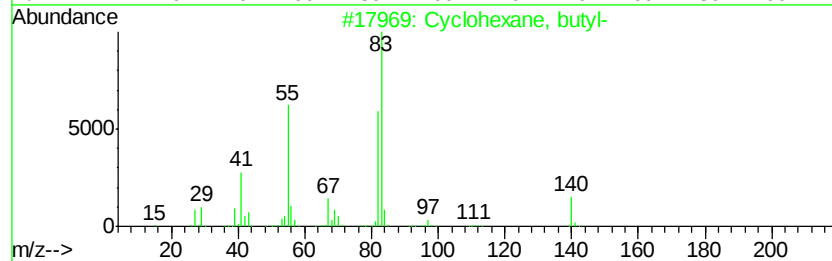
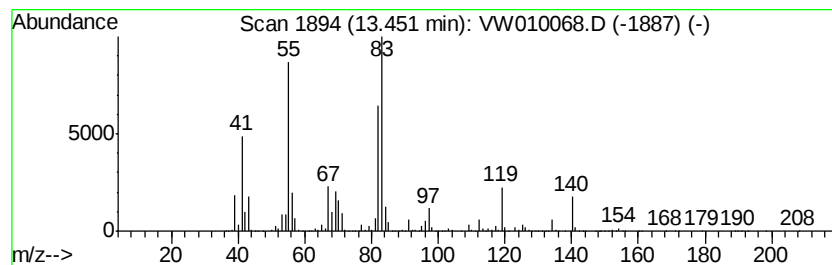
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Quant Title : VOC Analysis

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

Peak Number 28 (DEL) Alkane: Cyclic13.45 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	74.75 ug/L	5954370	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	83
2		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	72
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	68
5		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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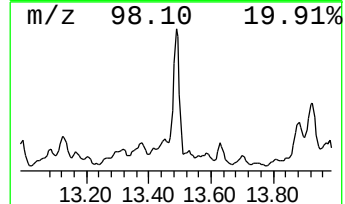
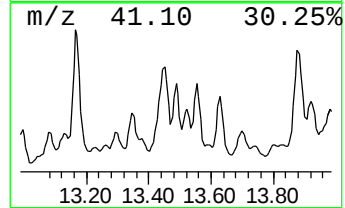
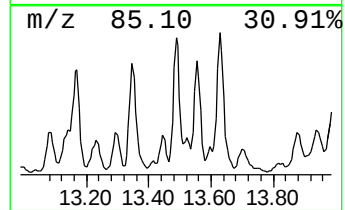
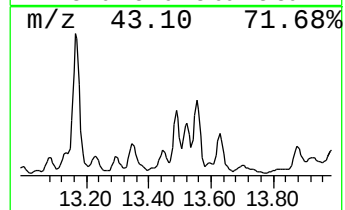
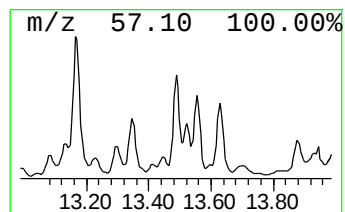
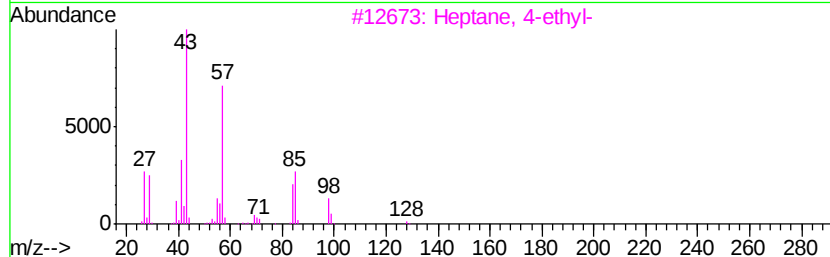
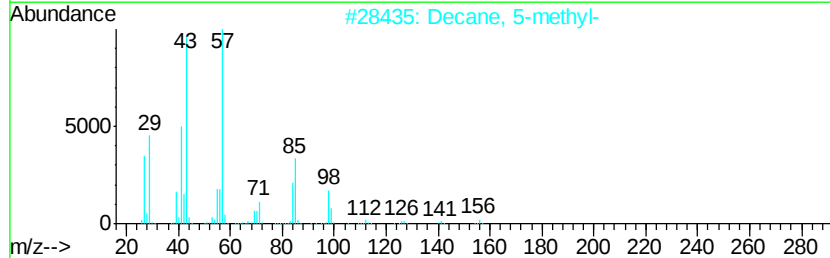
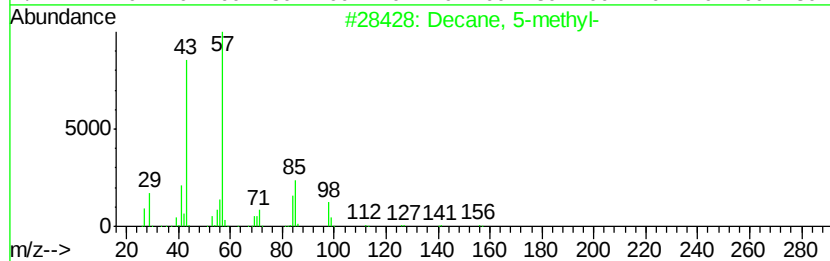
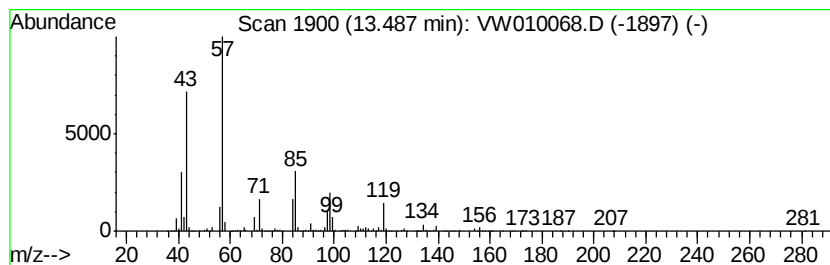
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Quant Title : VOC Analysis

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	22.36 ug/L	1781410	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-methyl-	156	C11H24	013151-35-4	68
2		Decane, 5-methyl-	156	C11H24	013151-35-4	64
3		Heptane, 4-ethyl-	128	C9H20	002216-32-2	38
4		Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	38
5		Heptane, 4-ethyl-	128	C9H20	002216-32-2	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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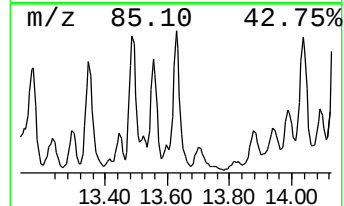
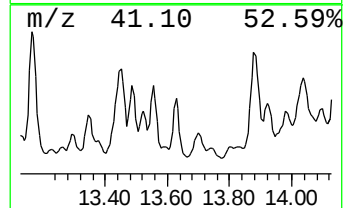
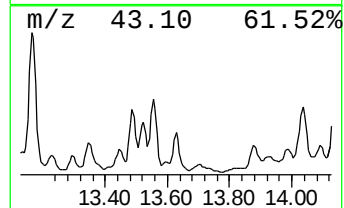
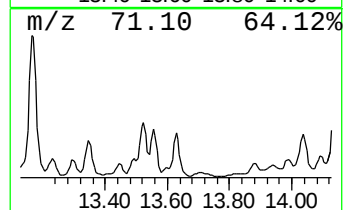
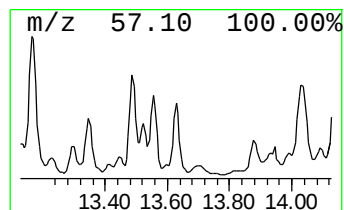
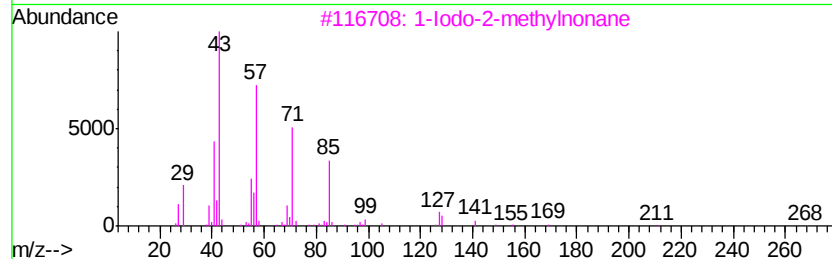
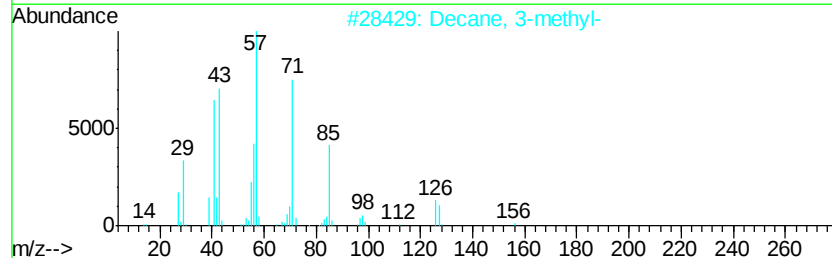
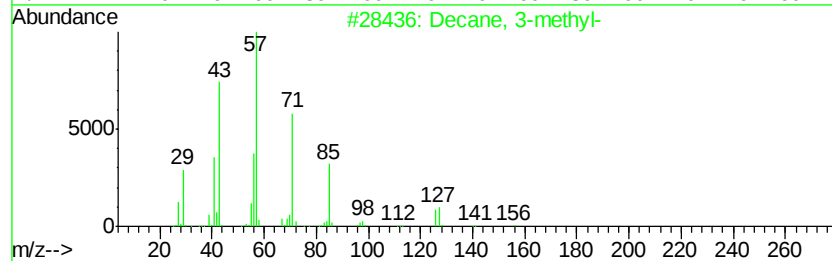
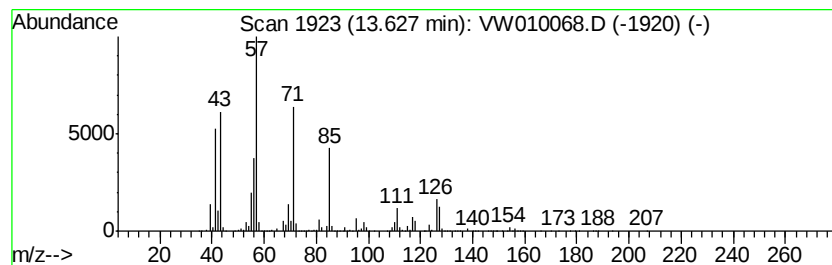
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Quant Title : VOC Analysis

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	29.06 ug/L	2315010	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	87
2		Decane, 3-methyl-	156	C11H24	013151-34-3	83
3		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64
4		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	64
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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ClientSampleId :
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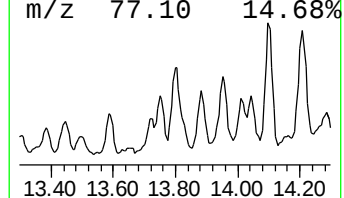
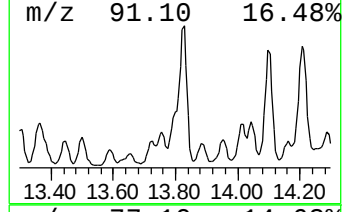
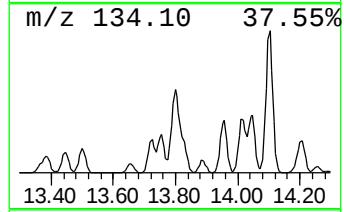
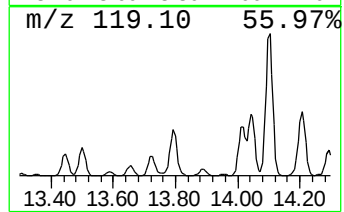
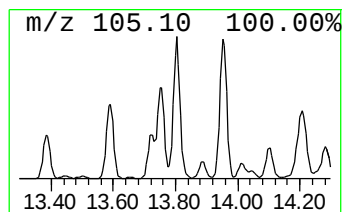
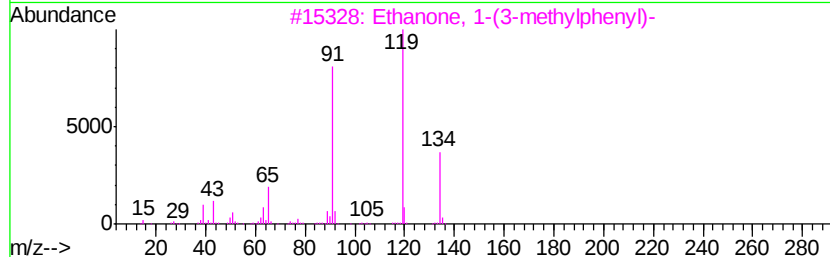
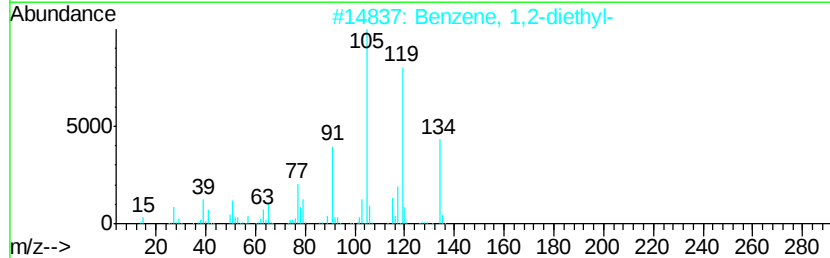
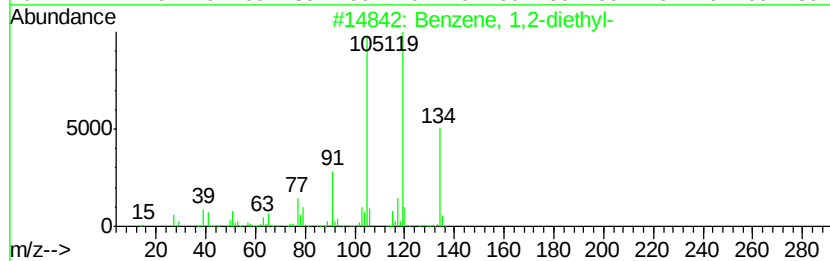
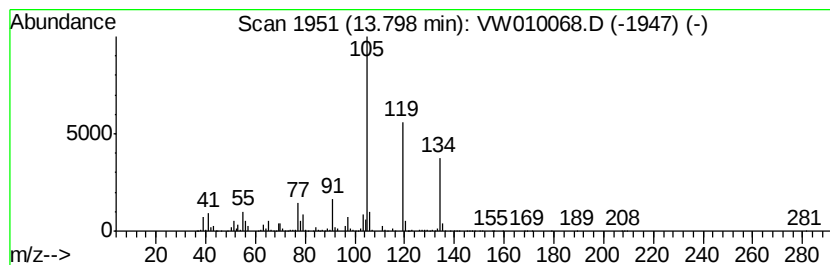
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Quant Title : VOC Analysis

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

Peak Number 31 Benzene, 1,2-diethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	32.33 ug/L	2575100	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	81
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	58
3		Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	53
4		2-Tolyloxirane	134	C9H10O	002783-26-8	53
5		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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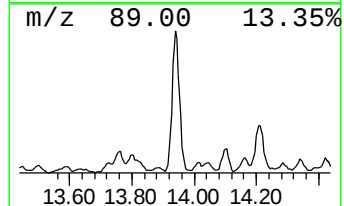
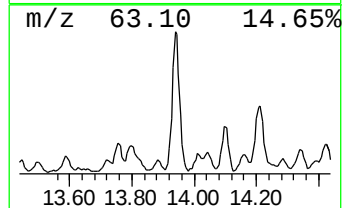
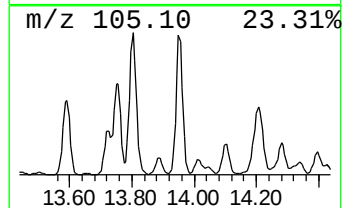
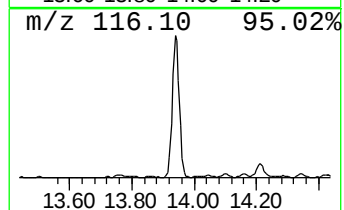
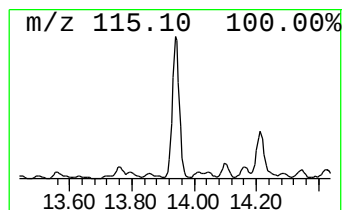
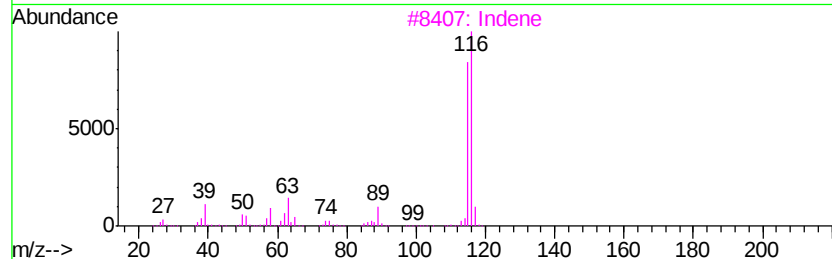
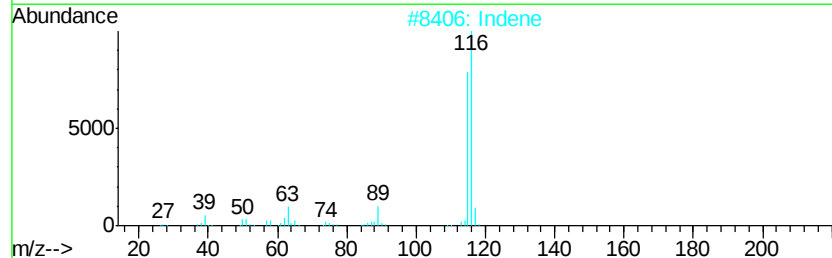
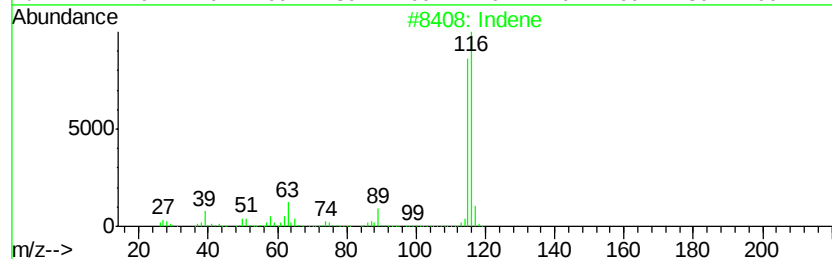
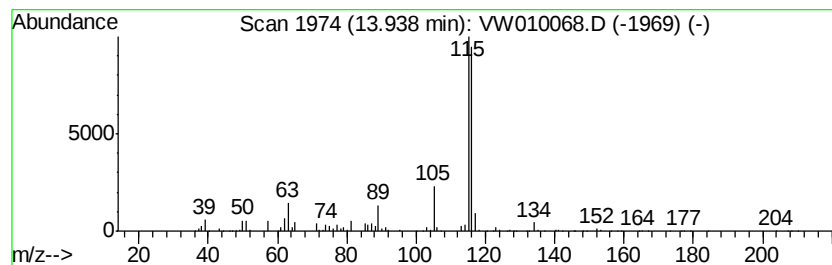
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Quant Title : VOC Analysis

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

Peak Number 32 Indene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	54.39 ug/L	4332490	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	95
2		Indene	116	C9H8	000095-13-6	93
3		Indene	116	C9H8	000095-13-6	93
4		Benzene, 1-propynyl-	116	C9H8	000673-32-5	87
5		2-Methylphenylacetylene	116	C9H8	000766-47-2	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR8

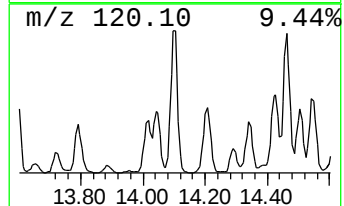
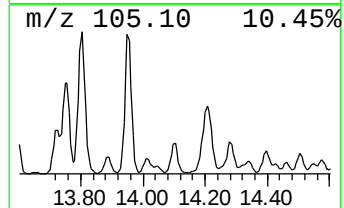
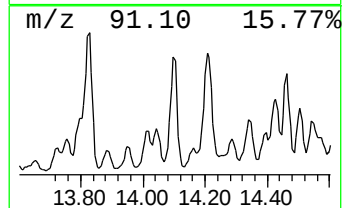
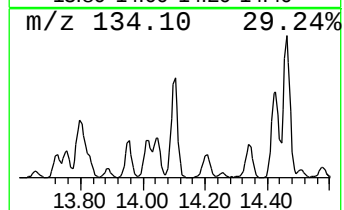
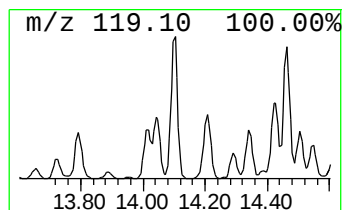
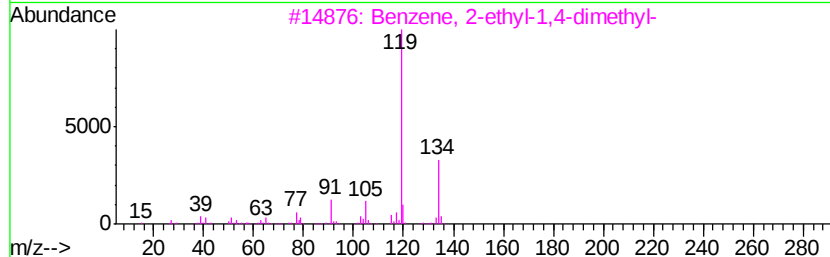
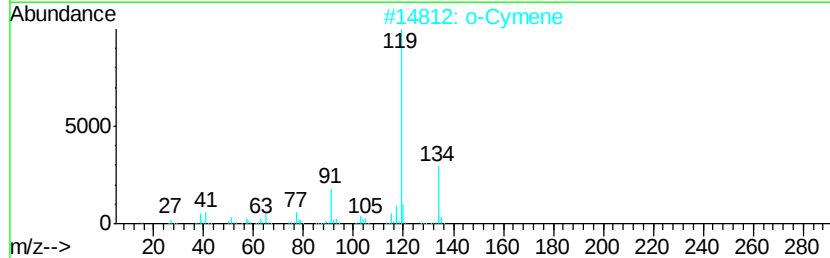
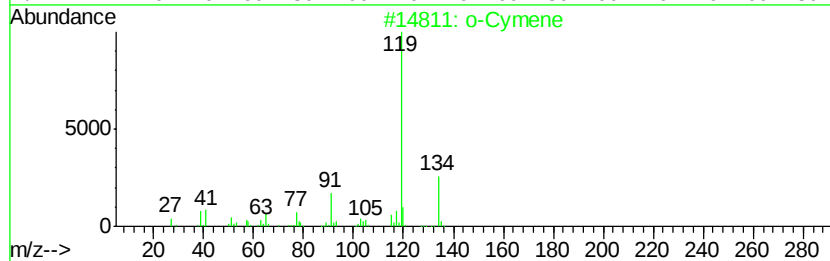
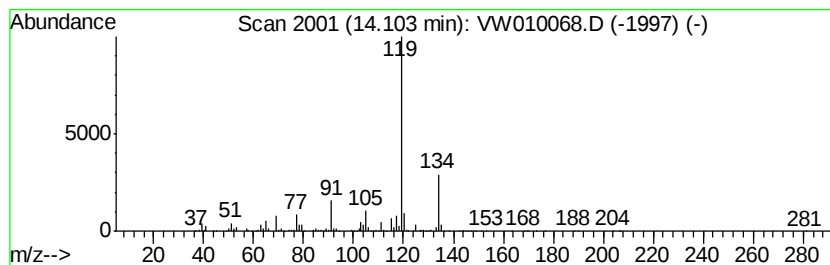
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Quant Title : VOC Analysis

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

Peak Number 33 o-Cymene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	35.04 ug/L	2791230	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	95
2		o-Cymene	134	C10H14	000527-84-4	94
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR8

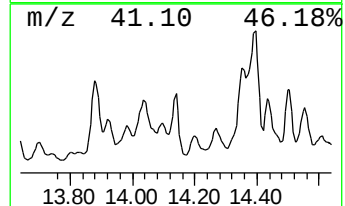
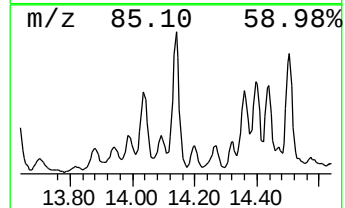
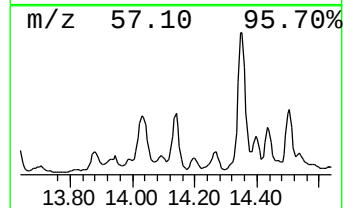
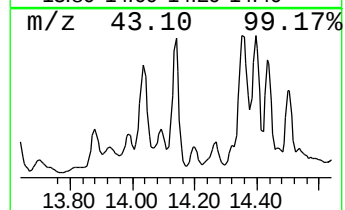
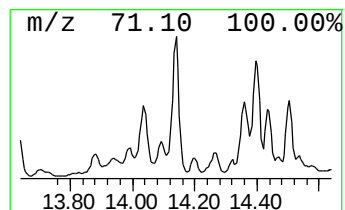
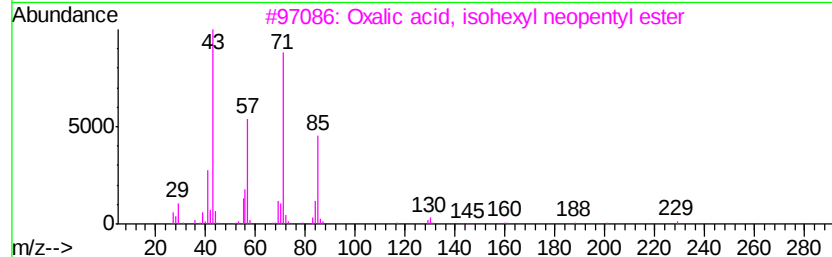
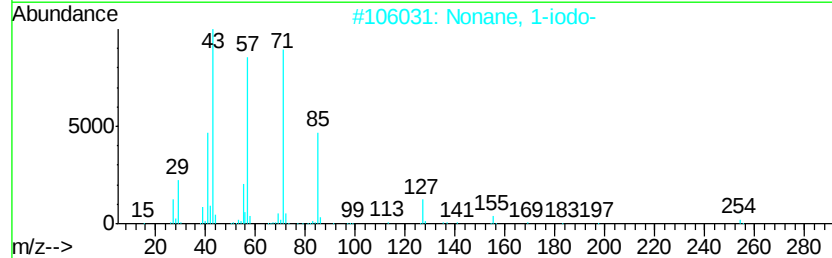
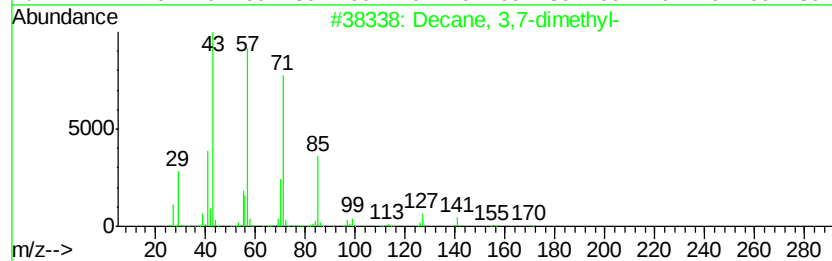
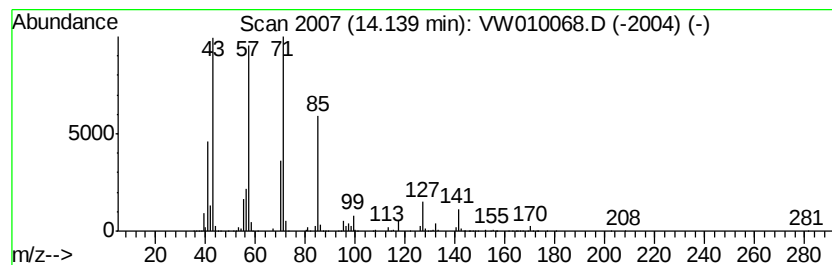
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Quant Title : VOC Analysis

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	43.72 ug/L	3482680	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	94
2		Nonane, 1-iodo-	254	C9H19I	004282-42-2	59
3		Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	59
4		Dimethylmalonic acid, monochlori...	220	C10H17ClO3	1000361-76-0	50
5		Sulfurous acid, nonyl pentyl ester	278	C14H30O3S	1000309-14-2	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR8

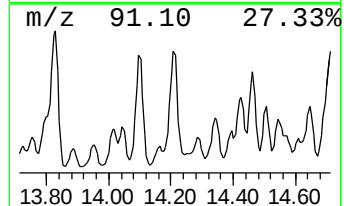
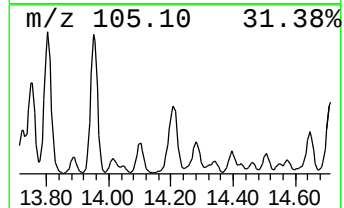
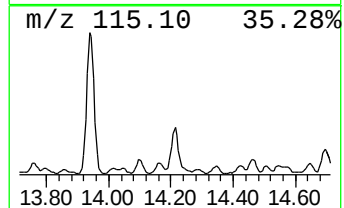
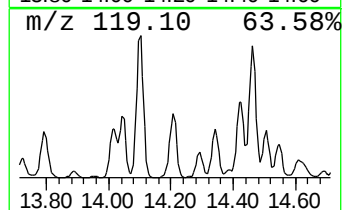
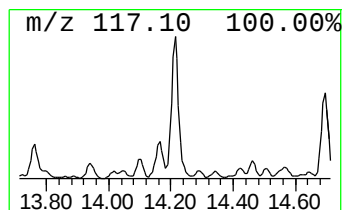
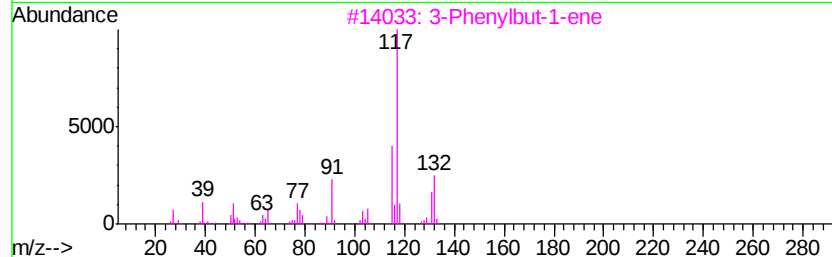
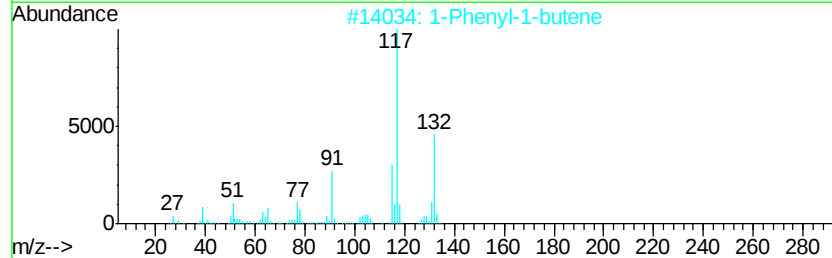
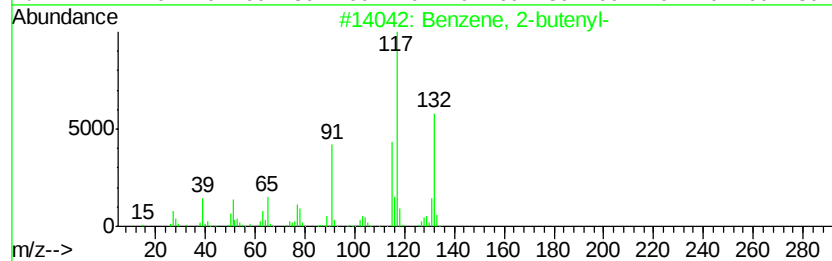
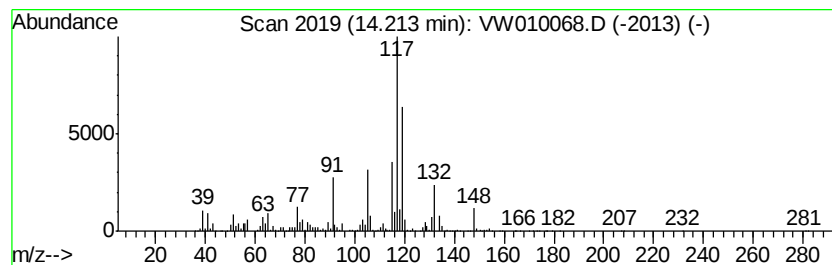
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Quant Title : VOC Analysis

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

Peak Number 35 Benzene, 2-butenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	66.03 ug/L	5259300	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
2		1-Phenyl-1-butene	132	C10H12	000824-90-8	70
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
4		Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000768-00-3	55
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR8

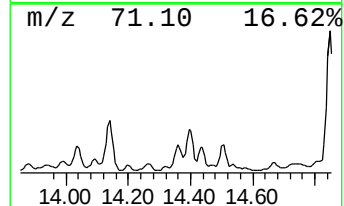
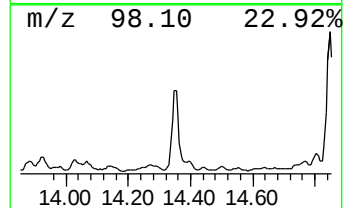
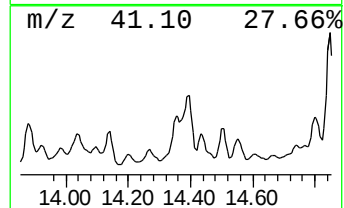
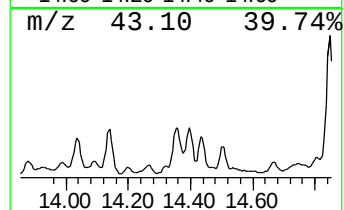
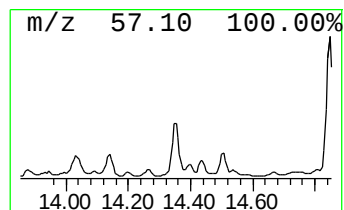
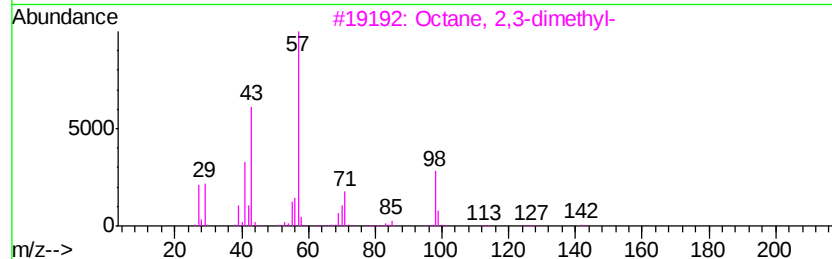
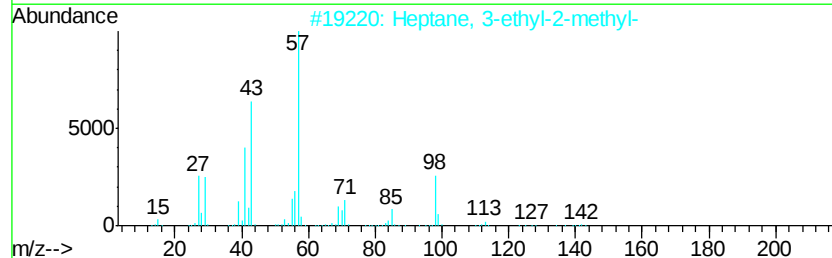
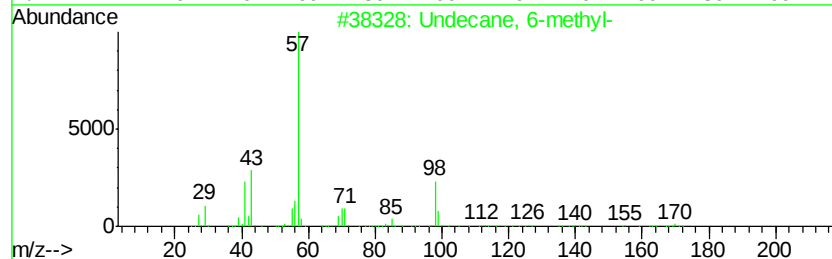
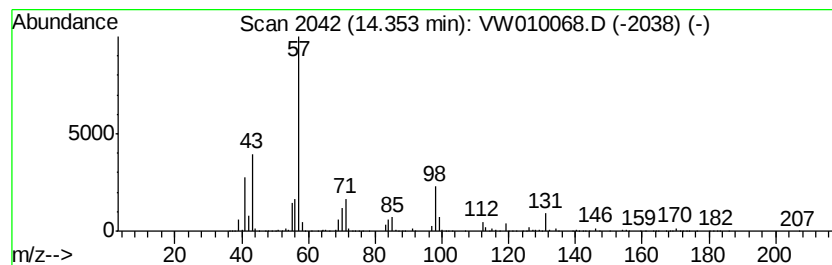
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Quant Title : VOC Analysis

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	66.82 ug/L	5322520	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 6-methyl-	170	C12H26	017302-33-9	70
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	58
3		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50
4		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50
5		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAHR8

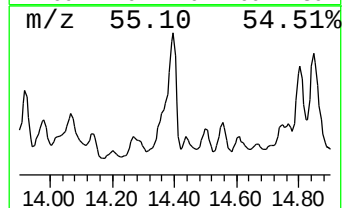
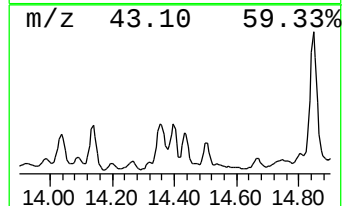
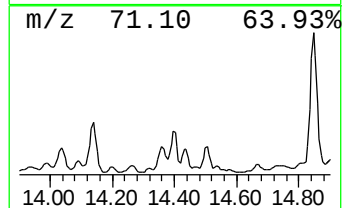
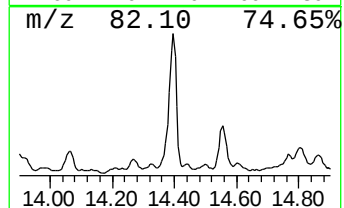
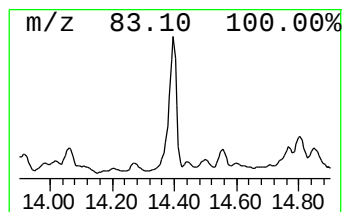
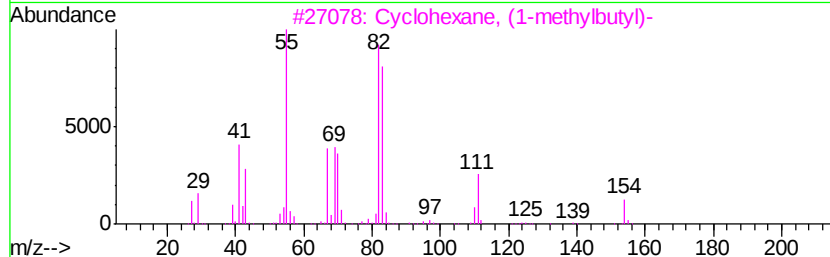
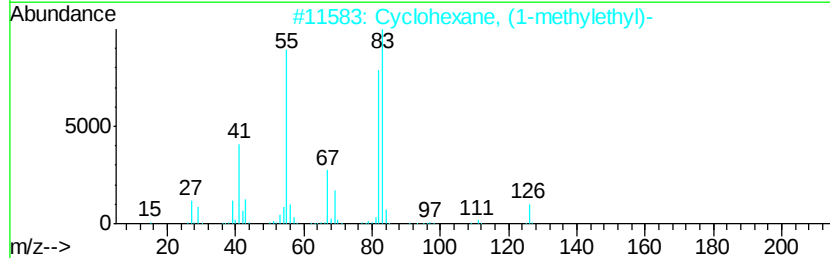
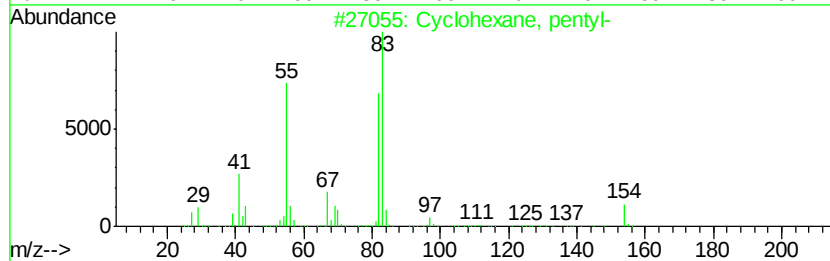
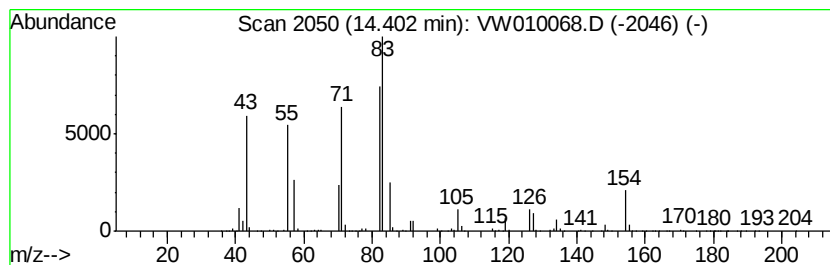
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Quant Title : VOC Analysis

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

Peak Number 37 (DEL) Alkane: Cyclic14.40 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	74.06 ug/L	5899390	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	47
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	46
3		Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	43
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	38
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR8

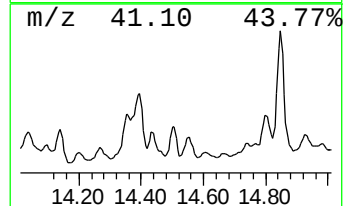
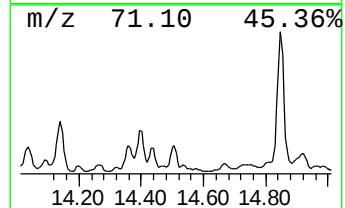
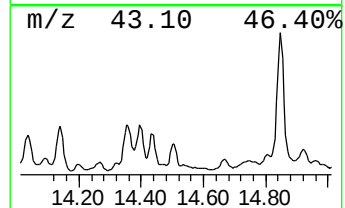
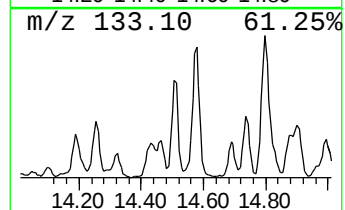
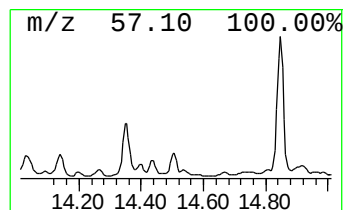
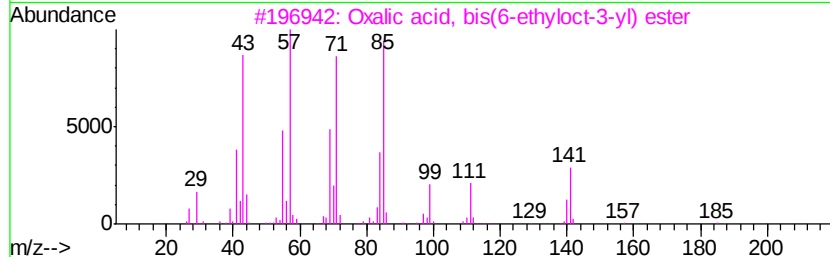
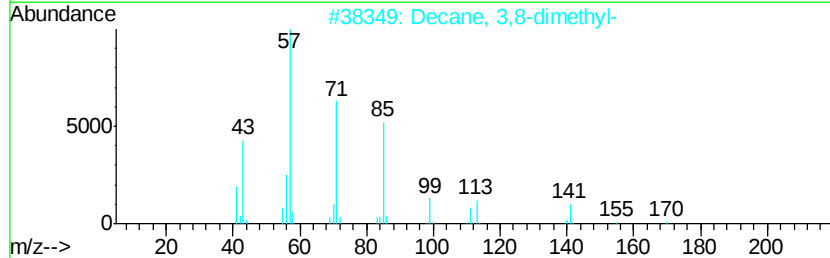
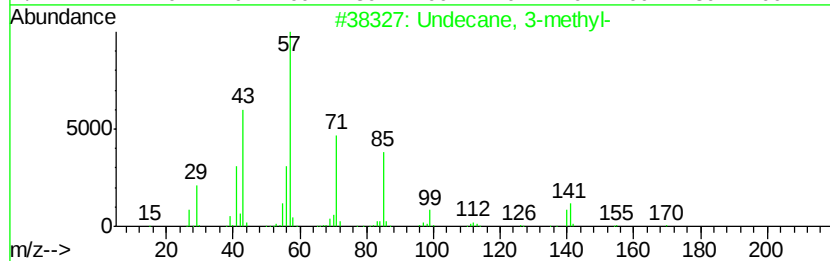
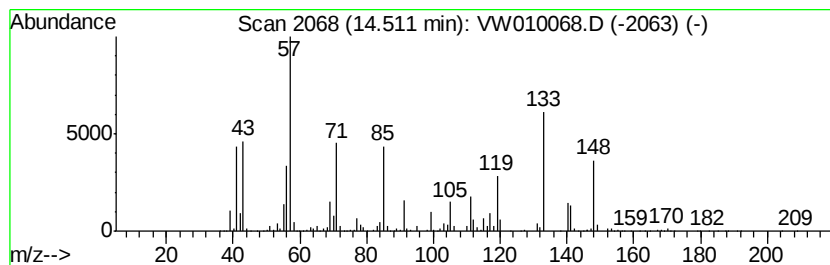
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Quant Title : VOC Analysis

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	42.76 ug/L	3405880	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3-methyl-	170	C12H26	001002-43-3	60
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	55
3		Oxalic acid, bis(6-ethyloct-3-yl...)	370	C22H42O4	1000309-34-6	46
4		9-methylheptadecane	254	C18H38	026741-18-4	43
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR8

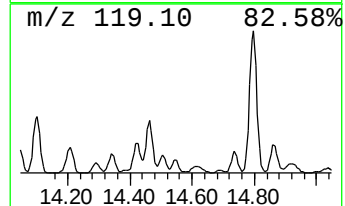
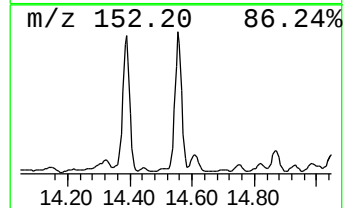
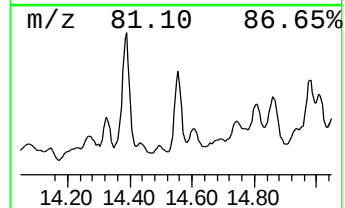
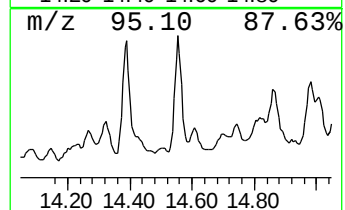
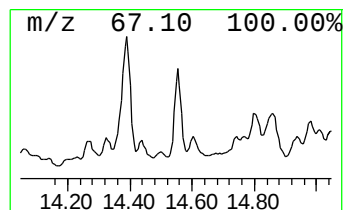
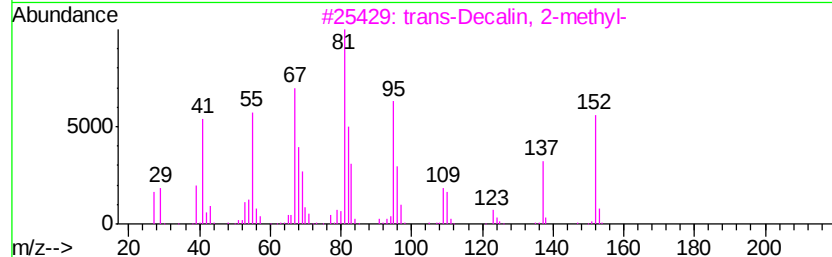
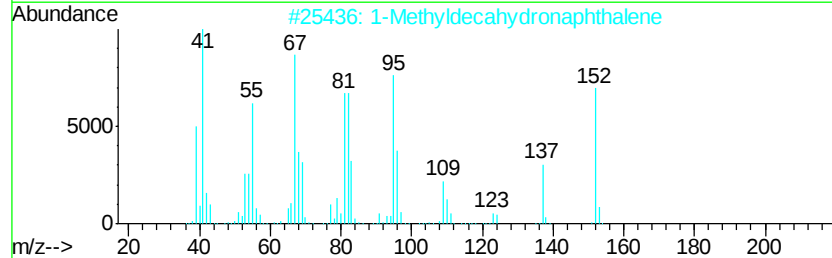
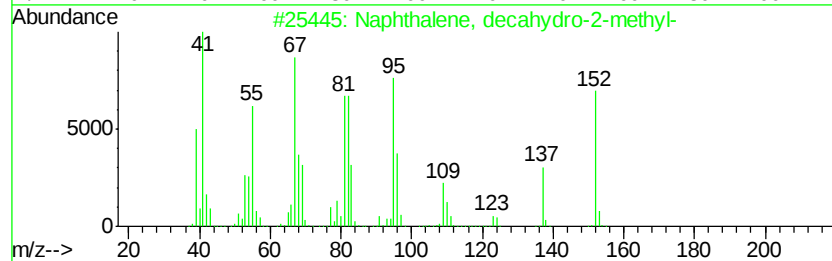
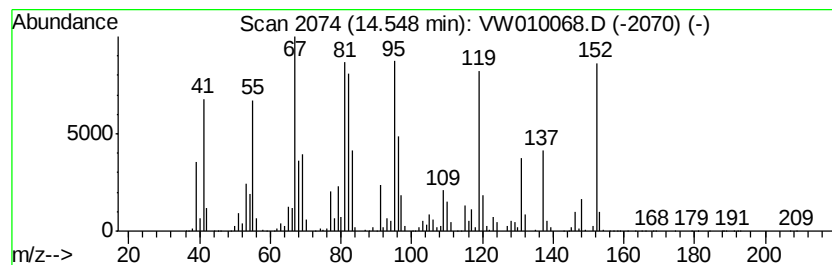
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Quant Title : VOC Analysis

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

Peak Number 39 Naphthalene, decahydro-2-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	53.26 ug/L	4242230	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
2		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
3		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	89
4		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
5		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR8

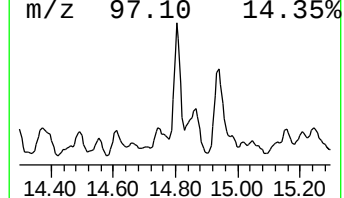
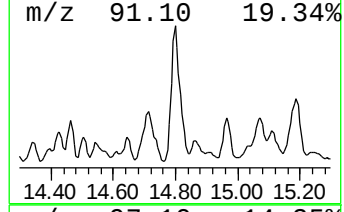
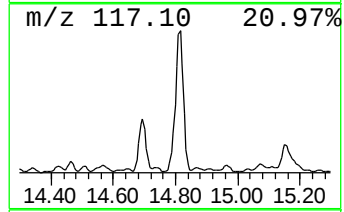
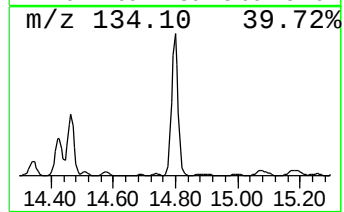
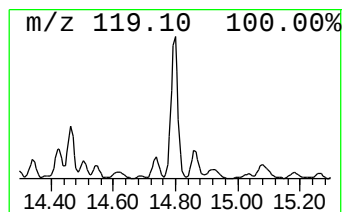
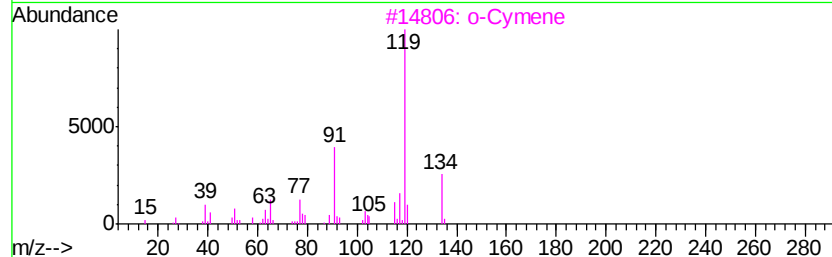
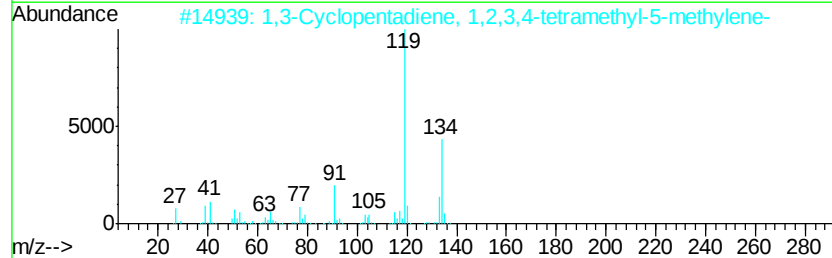
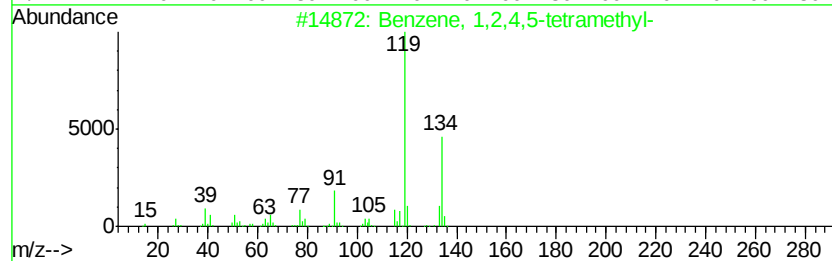
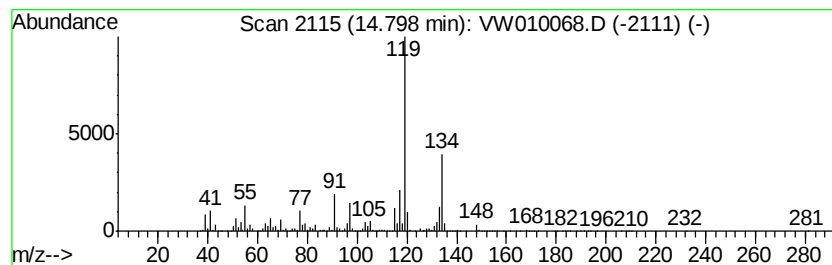
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Quant Title : VOC Analysis

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

Peak Number 40 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	198.31 ug/L	15796200	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		o-Cymene	134	C10H14	000527-84-4	87
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
5		p-Cymene	134	C10H14	000099-87-6	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR8

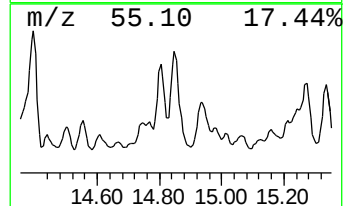
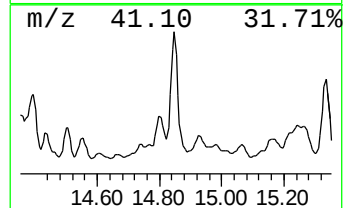
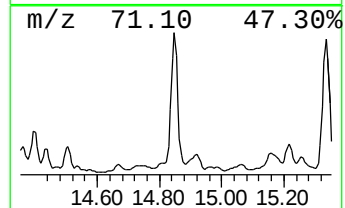
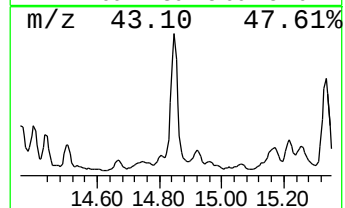
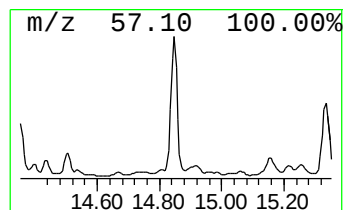
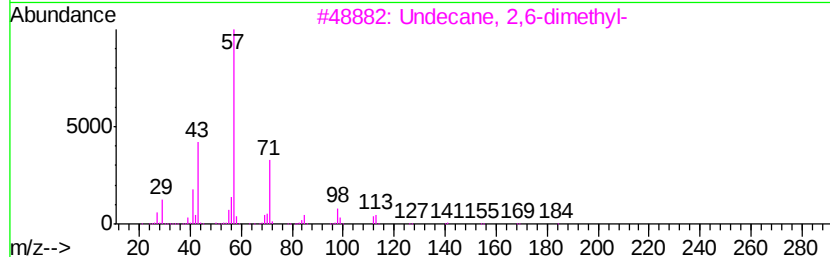
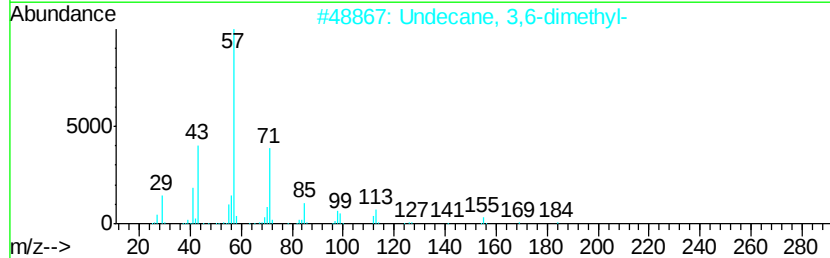
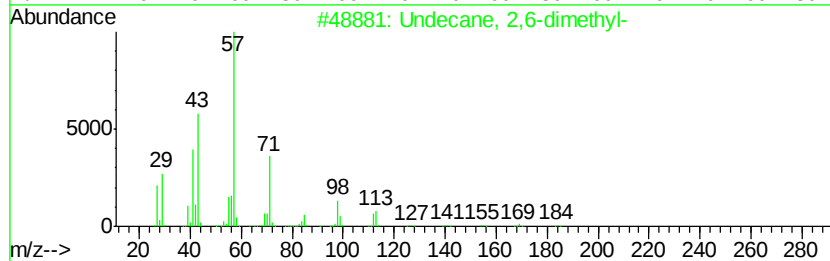
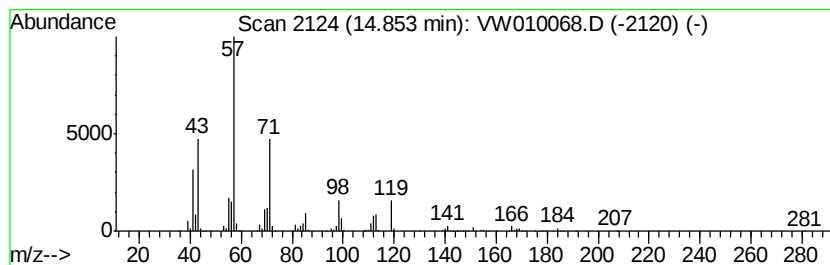
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Quant Title : VOC Analysis

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	204.16 ug/L	16262800	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-			184	C13H28	017301-23-4	94
2	Undecane, 3,6-dimethyl-			184	C13H28	017301-28-9	87
3	Undecane, 2,6-dimethyl-			184	C13H28	017301-23-4	86
4	Undecane, 2,5-dimethyl-			184	C13H28	017301-22-3	81
5	Dodecane, 6-methyl-			184	C13H28	006044-71-9	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR8

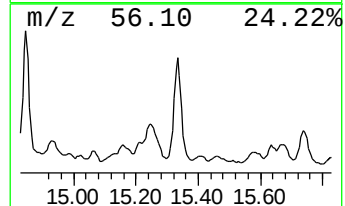
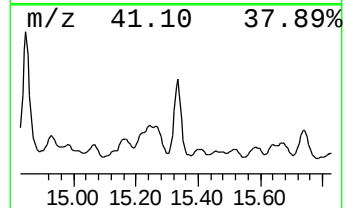
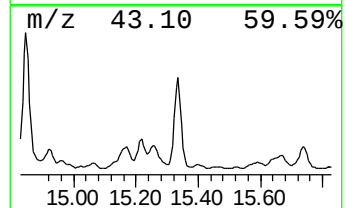
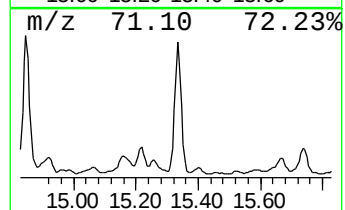
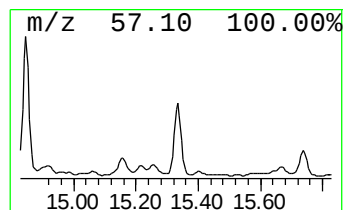
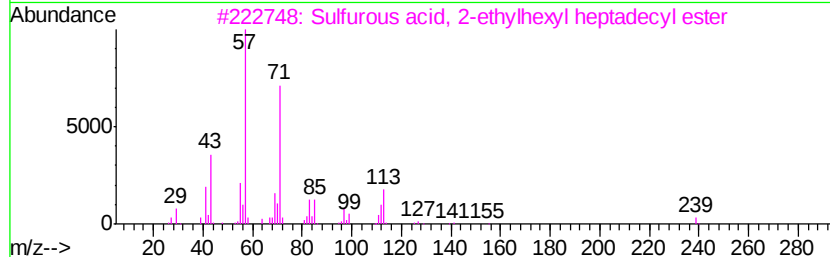
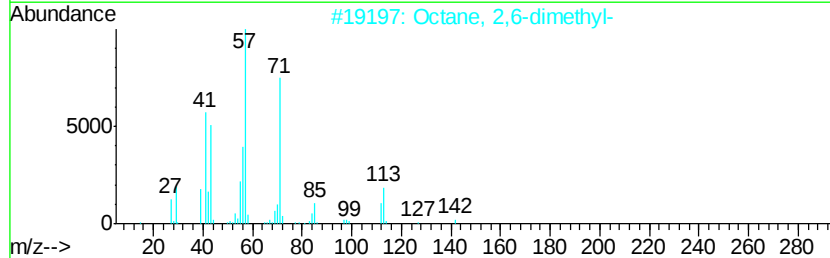
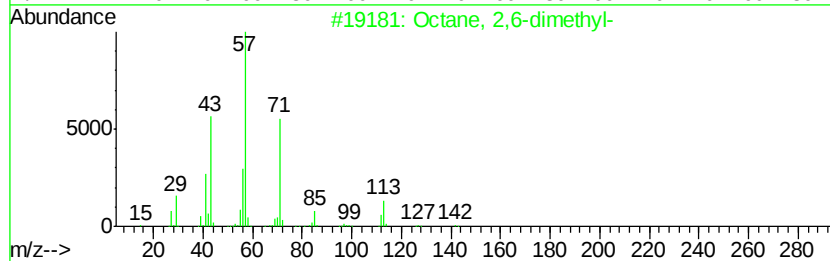
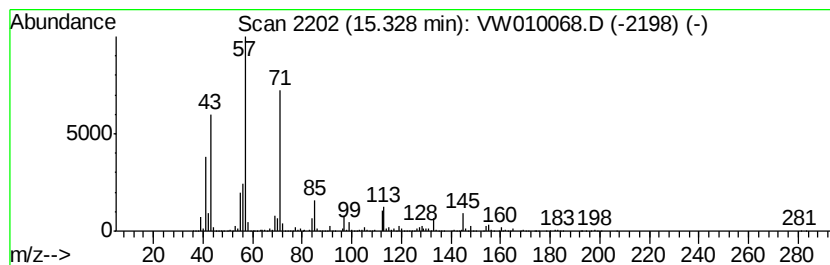
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Quant Title : VOC Analysis

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

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	149.54 ug/L	11911700	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
3		Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	59
4		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	58
5		Tridecane, 7-methyl-	198	C14H30	026730-14-3	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010068.D
Acq On : 19 Apr 2019 15:46
Operator : SY/VA
Sample : K2455-18
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR8

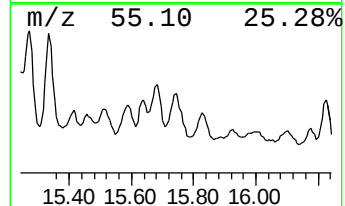
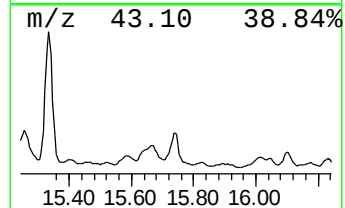
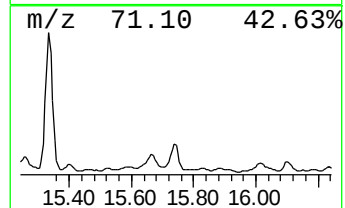
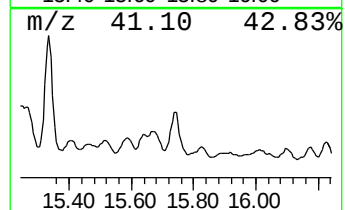
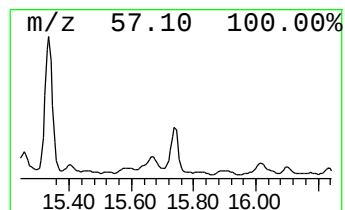
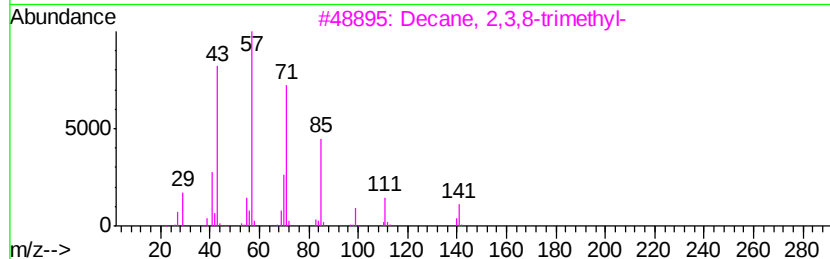
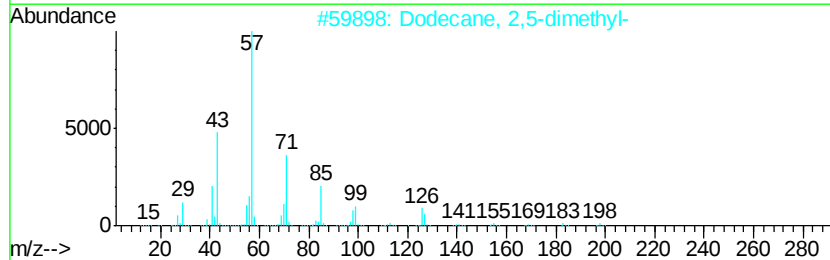
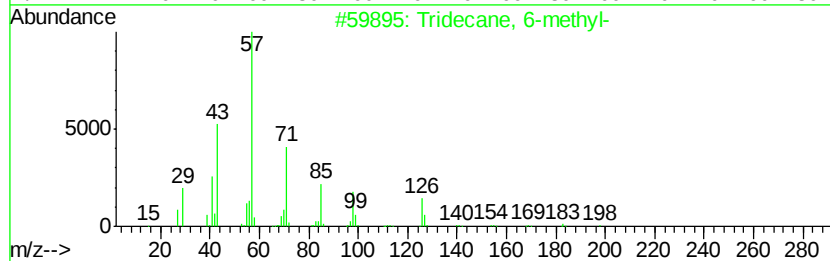
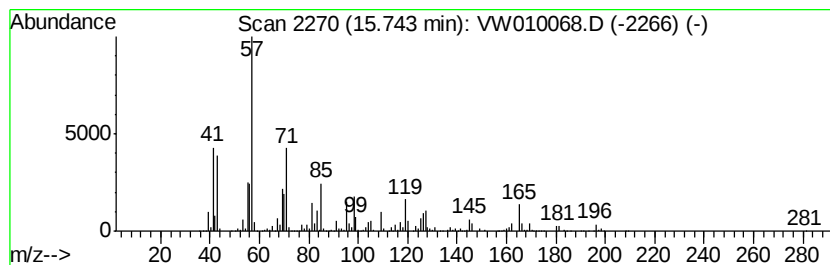
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	55.75 ug/L	4440990	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	49
2		Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	49
3		Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	43
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	38
5		Decane, 3-methyl-	156	C11H24	013151-34-3	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
 Data File : VW010068.D
 Acq On : 19 Apr 2019 15:46
 Operator : SY/VA
 Sample : K2455-18
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHR8

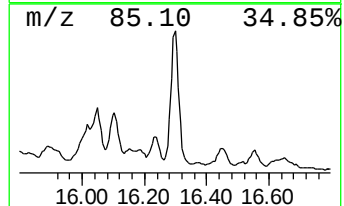
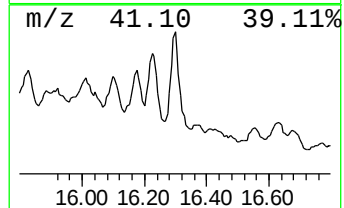
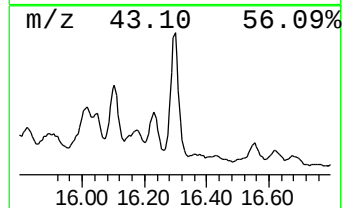
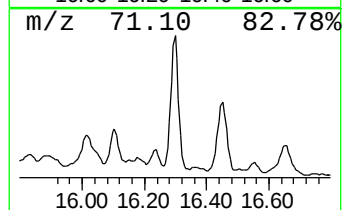
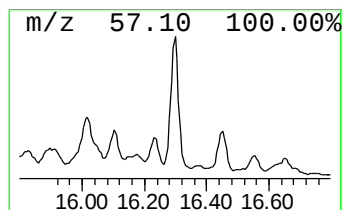
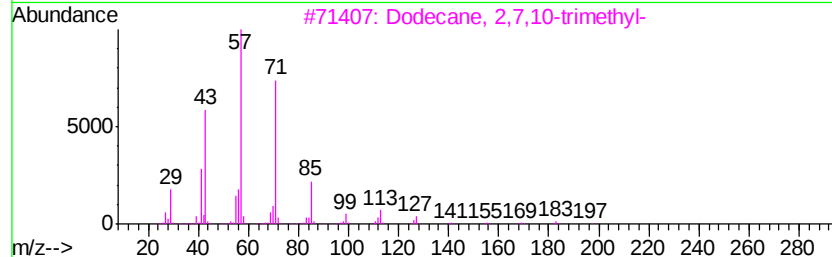
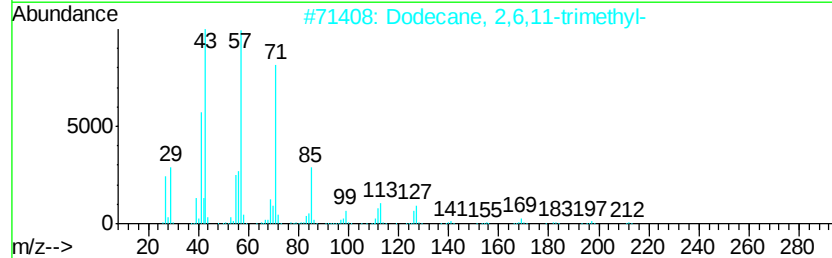
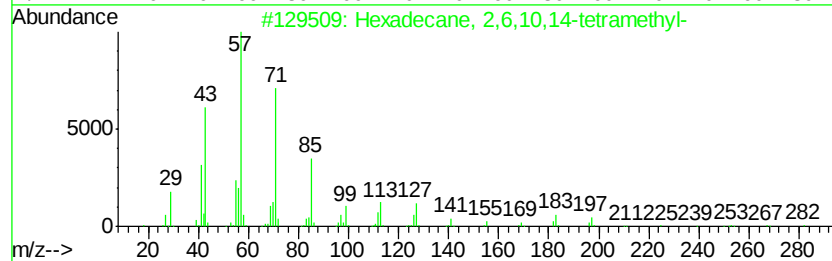
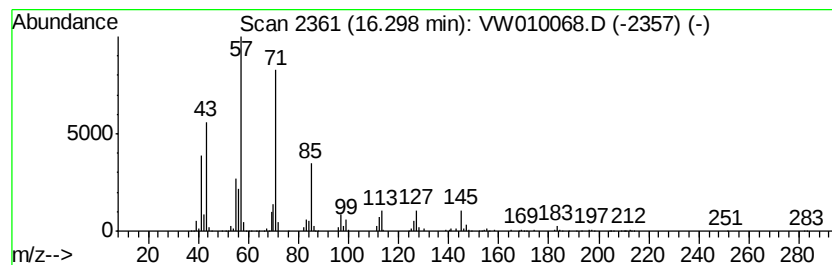
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis

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

 Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	32.38 ug/L	2578950	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041919\
 Data File : VW010068.D
 Acq On : 19 Apr 2019 15:46
 Operator : SY/VA
 Sample : K2455-18
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHR8

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethyl Acetate	7.25	1.4	ug/L	31672	1	8.84	579624	25.0
unknown-01	10.51	1.4	ug/L	39747	2	11.63	695640	25.0
(DEL) Alkane: Str...	10.66	1.5	ug/L	40470	2	11.63	695640	25.0
Hexyl octyl ether	10.85	1.3	ug/L	37180	2	11.63	695640	25.0
(DEL) Alkane: Str...	11.04	2.7	ug/L	76245	2	11.63	695640	25.0
(DEL) Alkane: Cyc...	11.11	3.2	ug/L	88445	2	11.63	695640	25.0
(DEL) Alkane: Cyc...	11.18	9.0	ug/L	251114	2	11.63	695640	25.0
(DEL) Alkane: Cyc...	11.23	19.6	ug/L	545339	2	11.63	695640	25.0
(DEL) Alkane: Str...	11.34	15.2	ug/L	423344	2	11.63	695640	25.0
(DEL) Alkane: Str...	11.41	40.7	ug/L	1133400	2	11.63	695640	25.0
(DEL) Alkane: Str...	11.51	30.4	ug/L	846695	2	11.63	695640	25.0
(DEL) Alkane: Cyc...	11.98	16.8	ug/L	467754	2	11.63	695640	25.0
(DEL) Alkane: Str...	12.06	16.7	ug/L	464521	2	11.63	695640	25.0
(DEL) Alkane: Str...	12.26	92.1	ug/L	2562990	2	11.63	695640	25.0
(DEL) Alkane: Str...	12.37	345.9	ug/L	9625290	2	11.63	695640	25.0
(DEL) Alkane: Str...	12.54	42.8	ug/L	1192100	2	11.63	695640	25.0
Oxalic acid, 2-et...	12.62	6.7	ug/L	531517	3	13.56	1991390	25.0
(DEL) Alkane: Cyc...	12.78	40.2	ug/L	3203450	3	13.56	1991390	25.0
(DEL) Alkane: Cyc...	12.86	25.2	ug/L	2007140	3	13.56	1991390	25.0
(DEL) Alkane: Str...	12.93	115.4	ug/L	9191410	3	13.56	1991390	25.0
(DEL) Alkane: Cyc...	12.99	21.9	ug/L	1745920	3	13.56	1991390	25.0
Benzene, 1-ethyl-...	13.11	74.1	ug/L	5899790	3	13.56	1991390	25.0
(DEL) Alkane: Str...	13.17	79.5	ug/L	6330580	3	13.56	1991390	25.0
Benzene, 1-etheny...	13.30	15.1	ug/L	1205250	3	13.56	1991390	25.0
(DEL) Alkane: Str...	13.35	21.7	ug/L	1729040	3	13.56	1991390	25.0
(DEL) Alkane: Cyc...	13.45	74.8	ug/L	5954370	3	13.56	1991390	25.0
(DEL) Alkane: Str...	13.49	22.4	ug/L	1781410	3	13.56	1991390	25.0
(DEL) Alkane: Str...	13.63	29.1	ug/L	2315010	3	13.56	1991390	25.0
Benzene, 1,2-diet...	13.80	32.3	ug/L	2575100	3	13.56	1991390	25.0
Indene	13.94	54.4	ug/L	4332490	3	13.56	1991390	25.0
o-Cymene	14.10	35.0	ug/L	2791230	3	13.56	1991390	25.0
(DEL) Alkane: Str...	14.14	43.7	ug/L	3482680	3	13.56	1991390	25.0
Benzene, 2-butenyl-	14.21	66.0	ug/L	5259300	3	13.56	1991390	25.0
(DEL) Alkane: Str...	14.35	66.8	ug/L	5322520	3	13.56	1991390	25.0
(DEL) Alkane: Cyc...	14.40	74.1	ug/L	5899390	3	13.56	1991390	25.0
(DEL) Alkane: Str...	14.51	42.8	ug/L	3405880	3	13.56	1991390	25.0
Naphthalene, deca...	14.55	53.3	ug/L	4242230	3	13.56	1991390	25.0
Benzene, 1,2,4,5-...	14.80	198.3	ug/L	15796200	3	13.56	1991390	25.0
(DEL) Alkane: Str...	14.85	204.2	ug/L	16262800	3	13.56	1991390	25.0
(DEL) Alkane: Str...	15.33	149.5	ug/L	11911700	3	13.56	1991390	25.0
(DEL) Alkane: Str...	15.74	55.8	ug/L	4440990	3	13.56	1991390	25.0
(DEL) Alkane: Str...	16.30	32.4	ug/L	2578950	3	13.56	1991390	25.0