

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120318\
 Data File : VW007161.D
 Acq On : 03 Dec 2018 13:11
 Operator : SY/AP
 Sample : J6077-06
 Misc : 6.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9Y41

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\SOM2WLM113018S.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	2.178	39	45	63	rBV	729166	1091407	5.63%	0.276%
2	2.355	63	74	85	rVV2	2508410	6074677	31.33%	1.539%
3	3.025	173	184	198	rBV	1787898	3889356	20.06%	0.985%
4	3.306	220	230	236	rBV	1178680	2563775	13.22%	0.649%
5	3.391	236	244	261	rVB	4695215	12108545	62.45%	3.067%
6	3.592	266	277	289	rVB	693802	1618754	8.35%	0.410%
7	3.854	312	320	334	rVB	748552	1907378	9.84%	0.483%
8	4.781	451	472	483	rBV6	493906	2185694	11.27%	0.554%
9	4.970	483	503	519	rBV4	1780818	7991942	41.22%	2.024%
10	5.439	555	580	596	rBV	1034003	3601587	18.58%	0.912%
11	5.787	618	637	650	rBV	1461061	5137388	26.50%	1.301%
12	5.952	650	664	680	rVB	4201397	13311305	68.66%	3.372%
13	6.232	699	710	715	rBV	452257	1365383	7.04%	0.346%
14	6.299	715	721	733	rVB	516377	1486595	7.67%	0.377%
15	6.988	823	834	844	rBV	2124534	6328230	32.64%	1.603%
16	7.701	944	951	959	rVB	1145050	2752619	14.20%	0.697%
17	7.933	980	989	999	rBV4	2099758	7345766	37.89%	1.861%
18	8.024	999	1004	1017	rVB4	741783	2591578	13.37%	0.656%
19	8.165	1017	1027	1033	rBV	2307259	5426689	27.99%	1.375%
20	8.329	1043	1054	1063	rVB	2252165	5170522	26.67%	1.310%
21	8.439	1063	1072	1079	rBV3	1515545	4012955	20.70%	1.016%
22	8.512	1079	1084	1090	rVV2	1188690	2838543	14.64%	0.719%
23	8.585	1090	1096	1105	rVB	3658410	8570261	44.20%	2.171%
24	8.707	1105	1116	1129	rVB	7558509	16749157	86.39%	4.242%
25	8.841	1129	1138	1143	rBV3	1415662	3462928	17.86%	0.877%
26	8.896	1143	1147	1159	rVB2	1297896	2608303	13.45%	0.661%
27	9.110	1170	1182	1201	rVB4	594415	2151450	11.10%	0.545%
28	9.341	1202	1220	1226	rBV	4806606	13122127	67.68%	3.324%
29	9.518	1237	1249	1256	rBV	1522684	3066316	15.82%	0.777%
30	9.609	1256	1264	1271	rBV	885663	1801086	9.29%	0.456%
31	9.756	1283	1288	1298	rVB2	1252546	2461612	12.70%	0.623%
32	9.853	1298	1304	1309	rBV	1627877	3182964	16.42%	0.806%
33	9.908	1309	1313	1317	rVV3	960224	1761164	9.08%	0.446%
34	9.963	1317	1322	1337	rVB2	3676645	8467087	43.67%	2.145%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
 Title : VOC Analysis

35	10.103	1337	1345	1355	rVB2	1793845	4276727	22.06%	1.083%
36	10.207	1355	1362	1367	rBV	1598420	3030680	15.63%	0.768%
37	10.323	1374	1381	1385	rBV2	2417452	4839292	24.96%	1.226%
38	10.390	1385	1392	1396	rVV2	2237831	6068982	31.30%	1.537%
39	10.439	1396	1400	1405	rVV4	2799417	5140967	26.52%	1.302%
40	10.512	1405	1412	1419	rVV	8513509	16840804	86.86%	4.266%
41	10.573	1419	1422	1426	rVV	636991	951523	4.91%	0.241%
42	10.628	1426	1431	1434	rVV2	796272	1222966	6.31%	0.310%
43	10.670	1434	1438	1445	rVB	1397070	2519393	12.99%	0.638%
44	10.750	1445	1451	1461	rBV3	1577219	4626431	23.86%	1.172%
45	10.938	1473	1482	1488	rBV3	1386534	2830581	14.60%	0.717%
46	11.024	1488	1496	1498	rBV2	703328	1596406	8.23%	0.404%
47	11.060	1498	1502	1506	rVB3	665067	1056846	5.45%	0.268%
48	11.109	1506	1510	1513	rBV3	982700	1573775	8.12%	0.399%
49	11.146	1513	1516	1518	rVV2	768835	1110695	5.73%	0.281%
50	11.182	1518	1522	1526	rVV	1568767	2432521	12.55%	0.616%
51	11.237	1526	1531	1535	rVV2	1633317	2828458	14.59%	0.716%
52	11.286	1535	1539	1543	rVB2	698913	1162234	5.99%	0.294%
53	11.341	1543	1548	1553	rVB2	981397	1622716	8.37%	0.411%
54	11.420	1553	1561	1572	rVB5	1841944	5420045	27.95%	1.373%
55	11.518	1572	1577	1582	rBV	2362614	3868859	19.95%	0.980%
56	11.640	1592	1597	1601	rBV2	850679	1598622	8.25%	0.405%
57	11.737	1608	1613	1617	rBV	2705759	4574172	23.59%	1.159%
58	11.792	1617	1622	1626	rVV2	2762521	5710195	29.45%	1.446%
59	11.847	1626	1631	1640	rVV3	9551960	19388543	100.00%	4.911%
60	11.926	1640	1644	1648	rVB2	983124	1724962	8.90%	0.437%
61	12.170	1674	1684	1692	rBV2	3014060	7494802	38.66%	1.898%
62	12.255	1692	1698	1703	rVB	1504463	2540041	13.10%	0.643%
63	12.341	1703	1712	1714	rBV4	1135094	2386355	12.31%	0.604%
64	12.377	1714	1718	1724	rVB4	1325628	2927530	15.10%	0.742%
65	12.542	1736	1745	1748	rVV5	1293577	3650772	18.83%	0.925%
66	12.572	1748	1750	1754	rVB	1003277	1204065	6.21%	0.305%
67	12.658	1760	1764	1768	rVB	1099972	1594198	8.22%	0.404%
68	12.804	1781	1788	1792	rBV2	908919	2184938	11.27%	0.553%
69	12.877	1792	1800	1801	rBV	3238056	5249881	27.08%	1.330%
70	12.938	1806	1810	1817	rVB2	7919406	13657829	70.44%	3.459%
71	12.999	1817	1820	1825	rVB	850265	1195249	6.16%	0.303%

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72	13.109	1829	1838	1845	rBV2	1499909	4406236	22.73%	1.116%
73	13.170	1845	1848	1855	rVB2	1279587	2033360	10.49%	0.515%
74	13.255	1856	1862	1867	rBV	3804897	6226827	32.12%	1.577%
75	13.450	1889	1894	1898	rBV3	1336600	2260593	11.66%	0.573%
76	13.590	1914	1917	1921	rVB	1615959	2224615	11.47%	0.563%
77	13.633	1921	1924	1930	rVB2	754382	1057632	5.45%	0.268%
78	13.761	1940	1945	1948	rVV2	1511368	2311535	11.92%	0.585%
79	13.798	1948	1951	1955	rVV2	1166816	1751269	9.03%	0.444%
80	13.847	1955	1959	1961	rVV2	1552744	2298638	11.86%	0.582%
81	13.883	1961	1965	1970	rVB	6368367	9468191	48.83%	2.398%
82	13.932	1970	1973	1981	rVB3	538502	1139867	5.88%	0.289%
83	14.048	1989	1992	1997	rVB2	1163576	1673510	8.63%	0.424%
84	14.103	1997	2001	2005	rBV	1251613	1801480	9.29%	0.456%
85	14.212	2014	2019	2024	rBV2	1717678	2871642	14.81%	0.727%
86	14.353	2035	2042	2045	rVV4	1011761	2287803	11.80%	0.579%
87	14.395	2047	2049	2053	rVV2	1105811	1719597	8.87%	0.436%
88	14.438	2053	2056	2058	rVV2	812211	1230692	6.35%	0.312%
89	14.462	2058	2060	2064	rVV	942071	1237754	6.38%	0.314%
90	14.505	2064	2067	2071	rVV	959499	1264980	6.52%	0.320%
91	14.554	2071	2075	2082	rVB4	522706	960479	4.95%	0.243%
92	14.700	2094	2099	2101	rBV2	1631829	2631579	13.57%	0.667%
93	14.730	2101	2104	2109	rVB2	3916538	5666952	29.23%	1.435%
94	14.804	2110	2116	2122	rBV2	2418930	5839712	30.12%	1.479%
95	15.072	2155	2160	2164	rBV2	850136	1396129	7.20%	0.354%
96	15.188	2172	2179	2186	rBV2	945387	2109281	10.88%	0.534%
97	15.377	2206	2210	2215	rVB	842779	1434318	7.40%	0.363%
98	15.566	2237	2241	2250	rVB	1219273	2153092	11.10%	0.545%
99	16.450	2379	2386	2392	rBV	909004	1926260	9.94%	0.488%
100	16.657	2412	2420	2431	rVB	459964	1117719	5.76%	0.283%

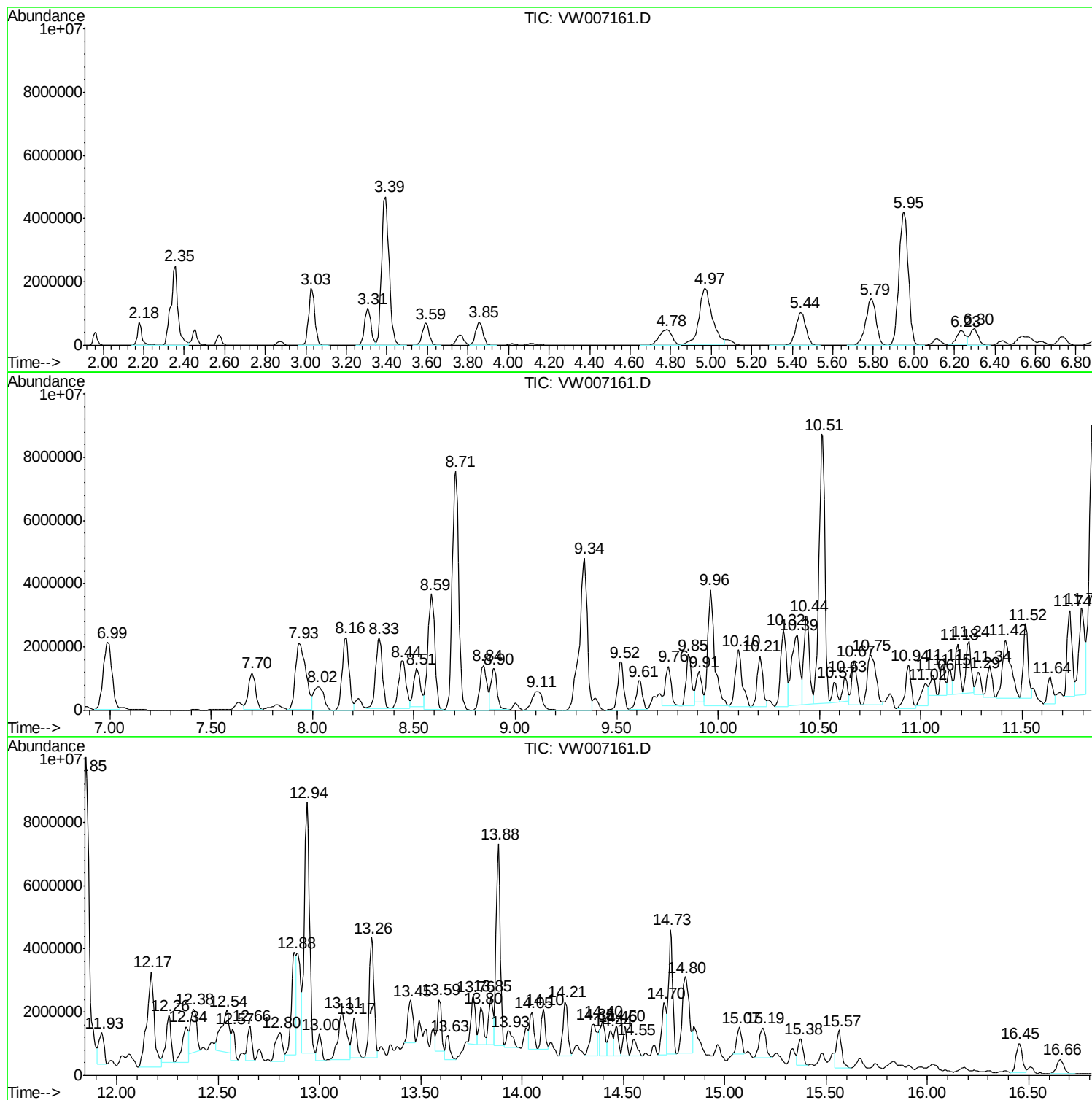
Sum of corrected areas: 394809940

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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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



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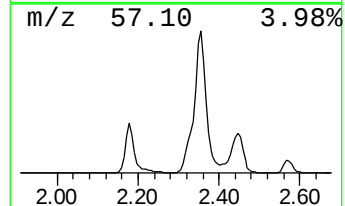
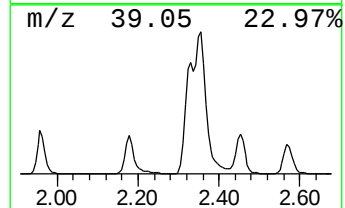
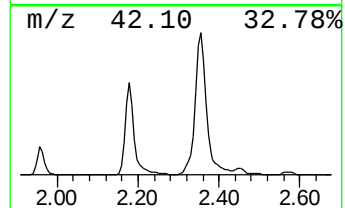
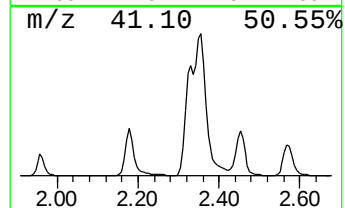
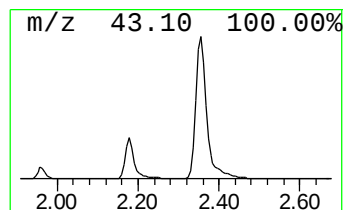
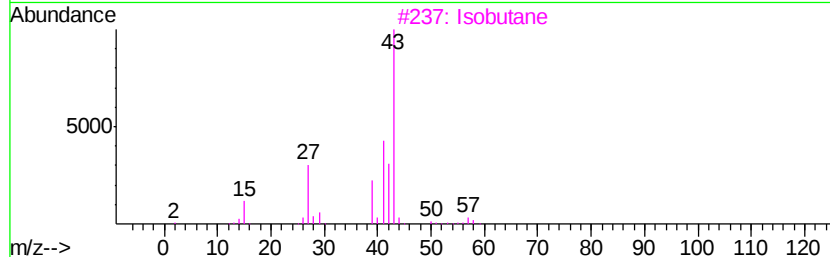
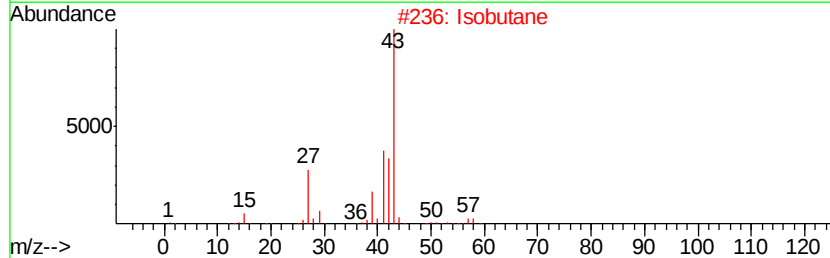
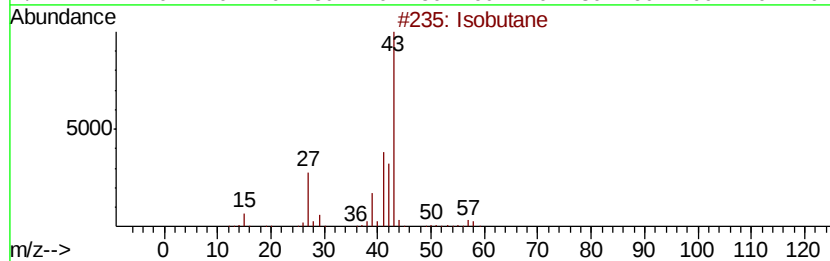
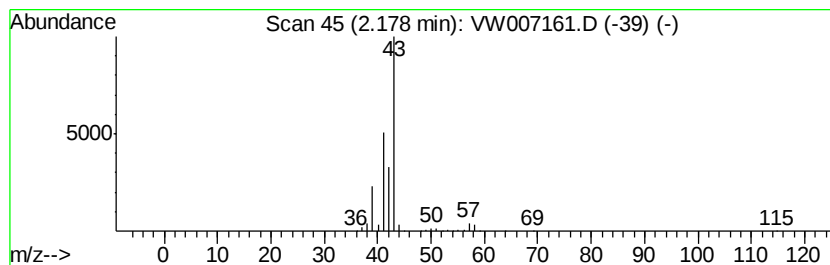
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 78

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	7.88 ug/L	1091410	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isobutane	58	C4H10	000075-28-5	72
2			Isobutane	58	C4H10	000075-28-5	72
3			Isobutane	58	C4H10	000075-28-5	64
4			Isobutane	58	C4H10	000075-28-5	53
5			Propane, 2-nitro-	89	C3H7NO2	000079-46-9	9



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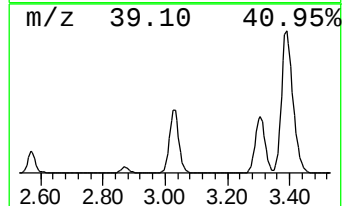
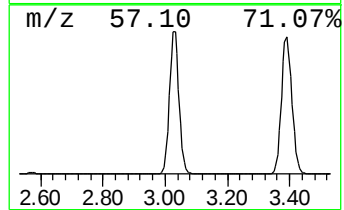
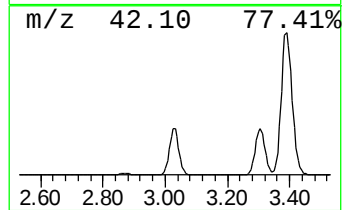
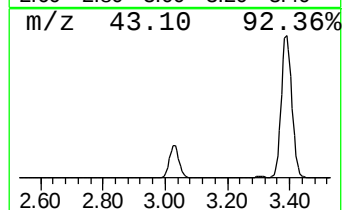
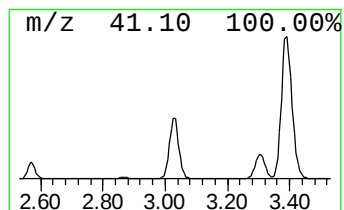
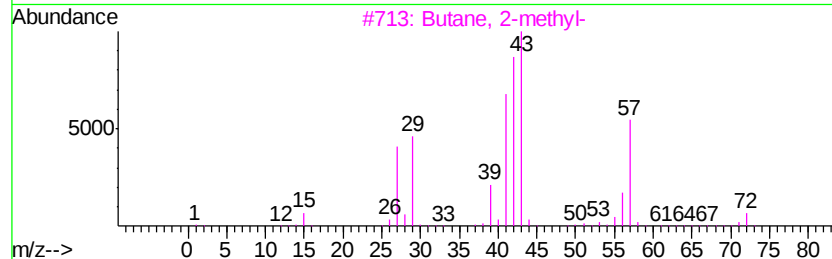
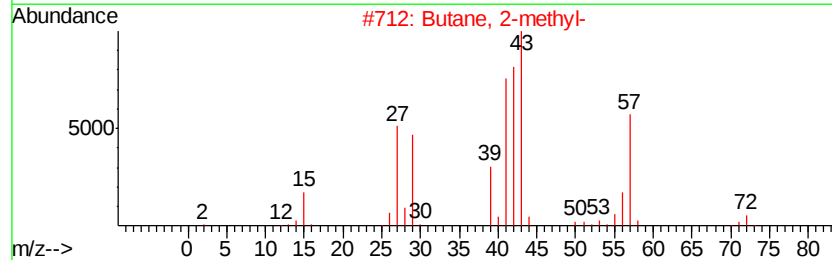
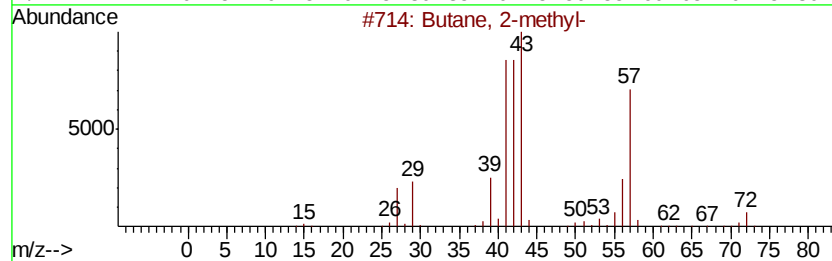
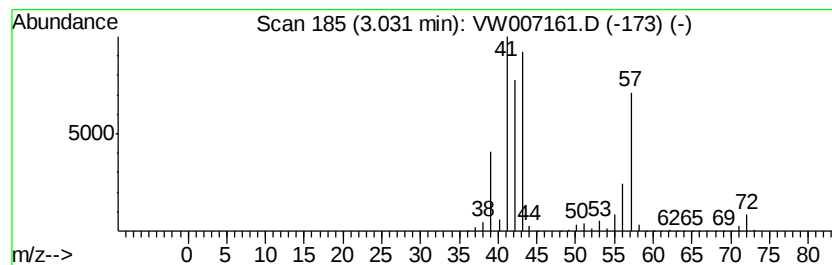
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	28.08 ug/L	3889360	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	81
2		Butane, 2-methyl-	72	C5H12	000078-78-4	58
3		Butane, 2-methyl-	72	C5H12	000078-78-4	58
4		3-Buten-1-ol	72	C4H8O	000627-27-0	38
5		3-Buten-1-ol	72	C4H8O	000627-27-0	33



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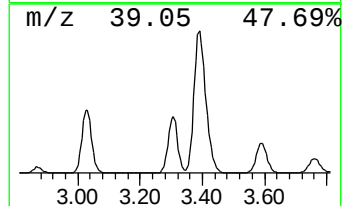
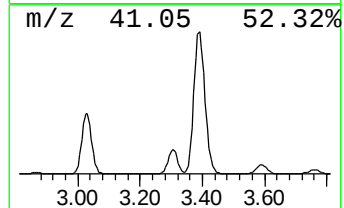
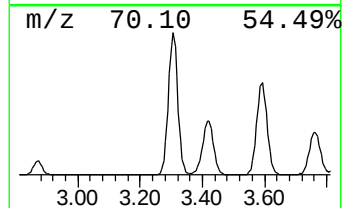
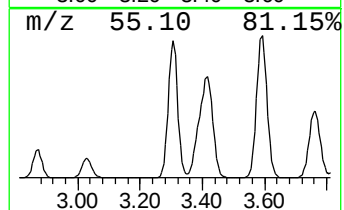
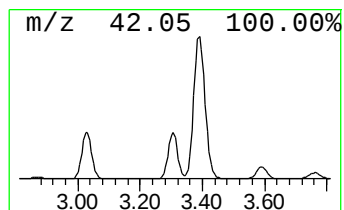
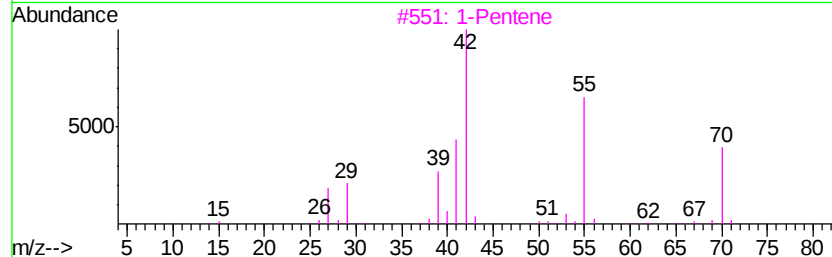
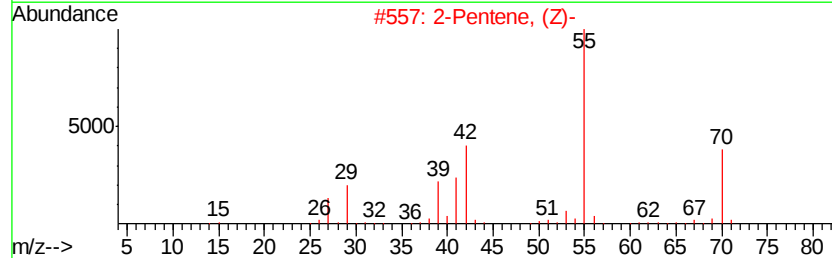
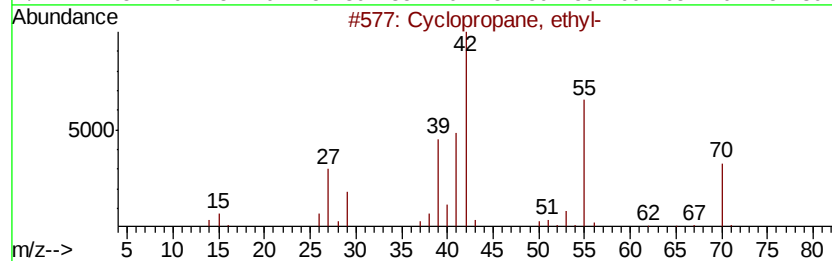
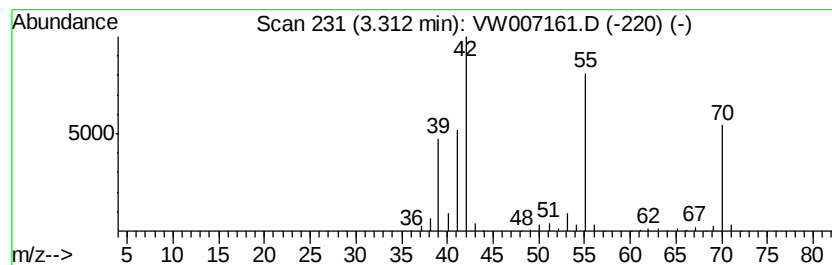
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Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Cyclic3.31 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.31	18.51 ug/L	2563780	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	87
2		2-Pentene, (Z)-	70	C5H10	000627-20-3	74
3		1-Pentene	70	C5H10	000109-67-1	68
4		Cyclobutane, methyl-	70	C5H10	000598-61-8	64
5		Cyclopropane, ethyl-	70	C5H10	001191-96-4	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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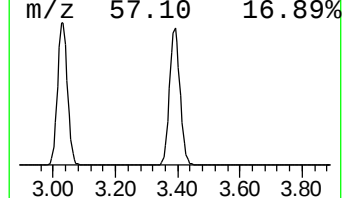
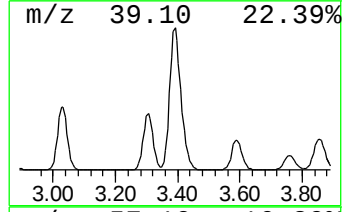
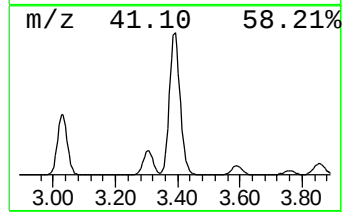
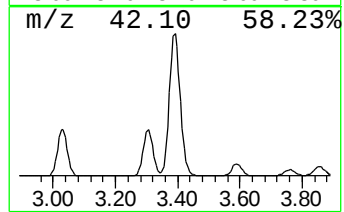
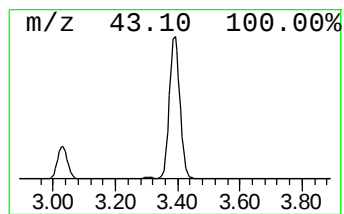
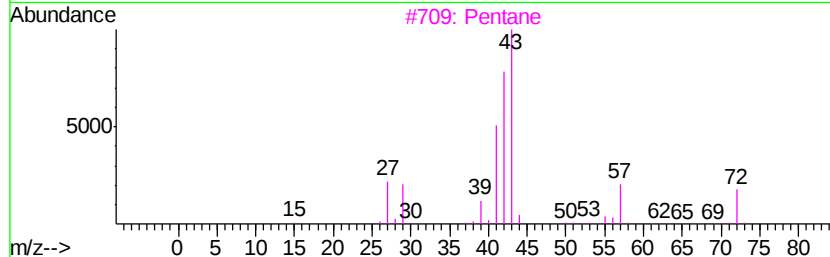
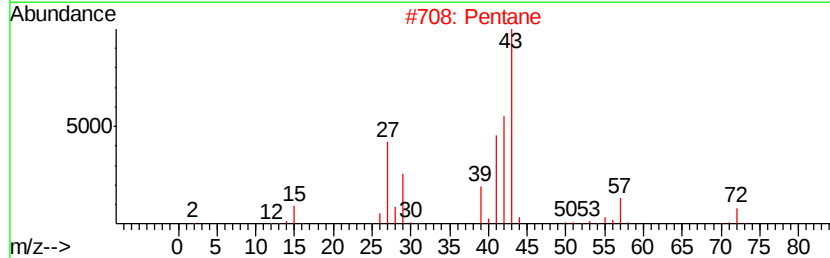
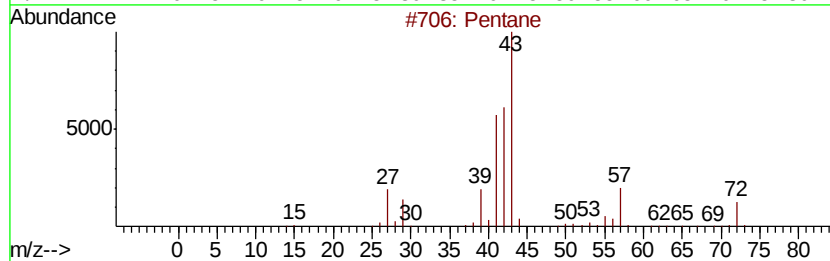
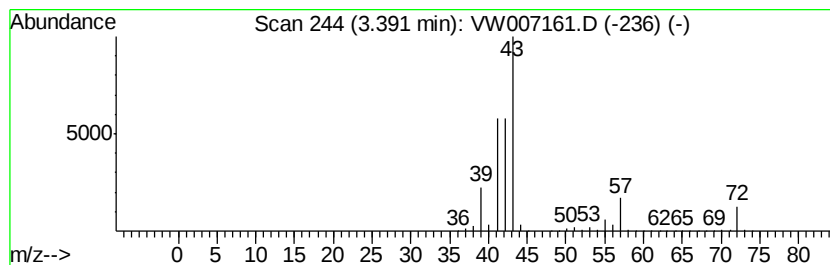
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	87.42 ug/L	12108500	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	91
2		Pentane	72	C5H12	000109-66-0	86
3		Pentane	72	C5H12	000109-66-0	86
4		Pentane	72	C5H12	000109-66-0	86
5		Oxirane, ethyl-	72	C4H8O	000106-88-7	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
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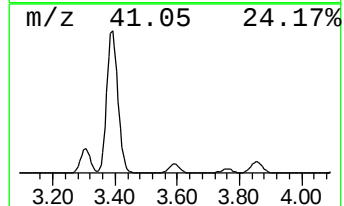
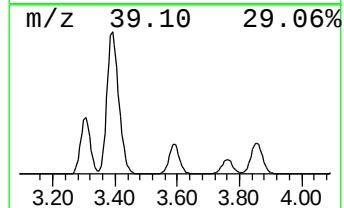
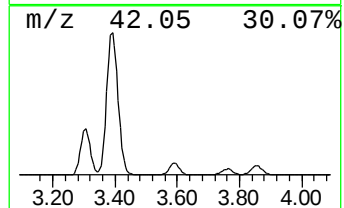
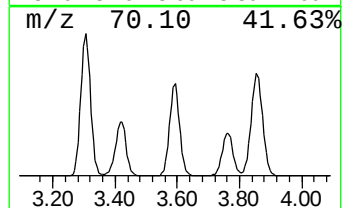
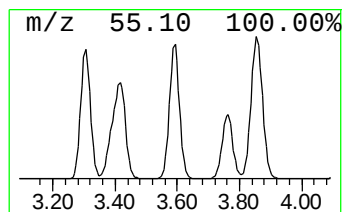
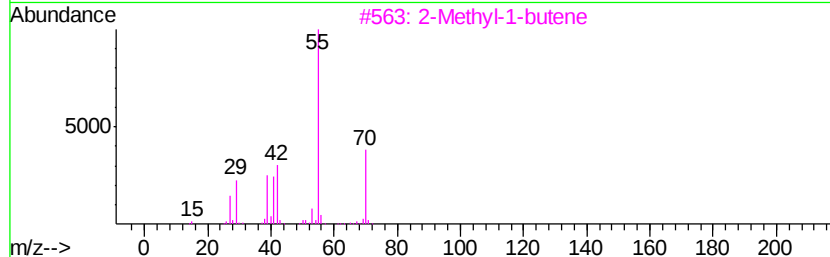
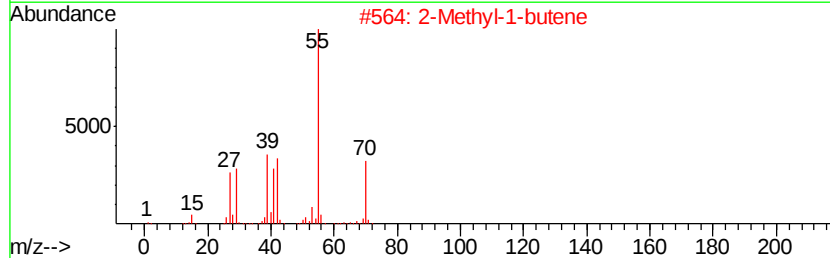
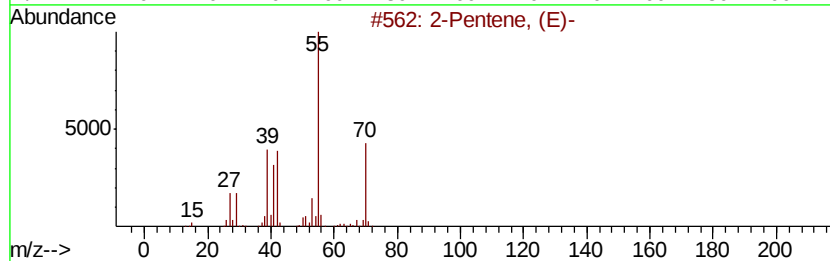
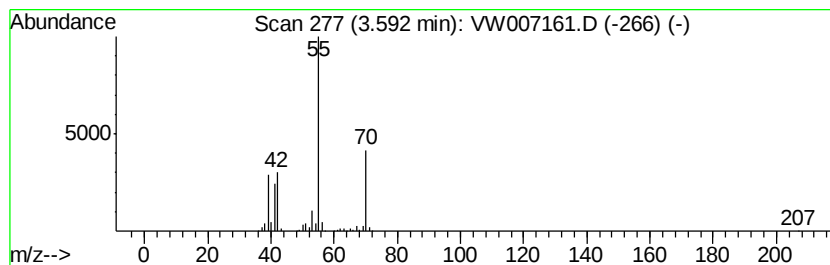
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Cyclic3.59 Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.59	11.69 ug/L	1618750	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentene, (E)-	70	C5H10	000646-04-8	94
2		2-Methyl-1-butene	70	C5H10	000563-46-2	91
3		2-Methyl-1-butene	70	C5H10	000563-46-2	91
4		Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
5		Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	87



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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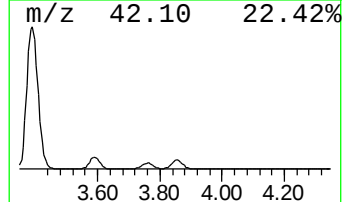
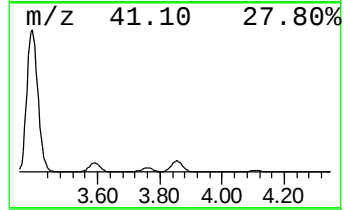
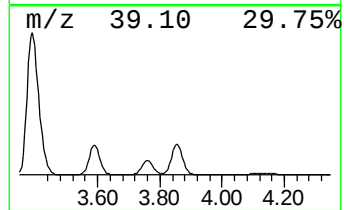
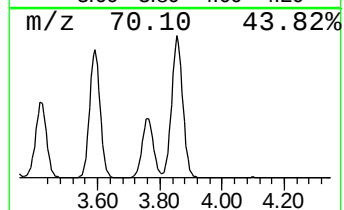
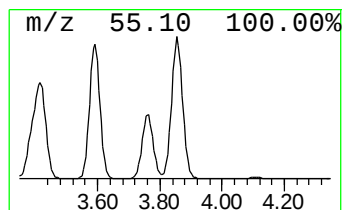
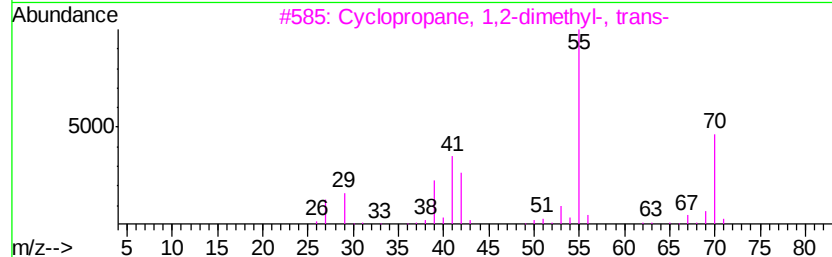
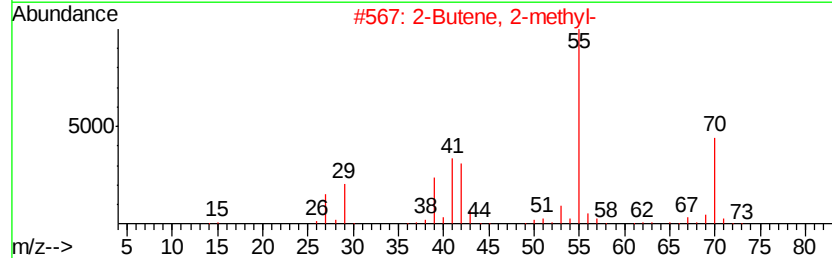
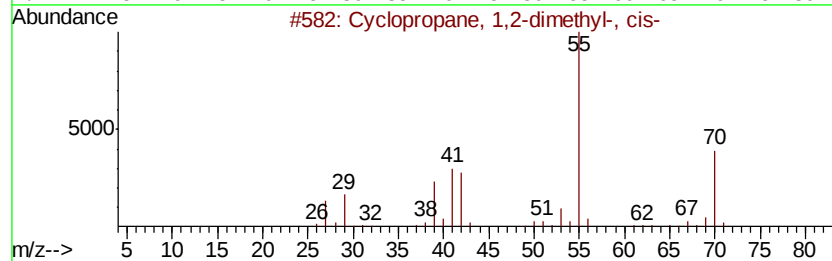
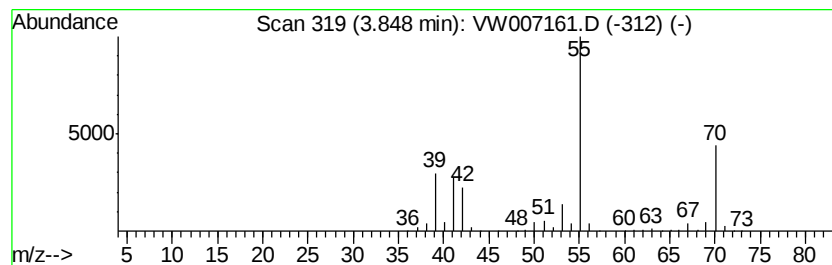
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Cyclic3.85 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.85	13.77 ug/L	1907380	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
2		2-Butene, 2-methyl-	70	C5H10	000513-35-9	90
3		Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	87
4		Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	83
5		Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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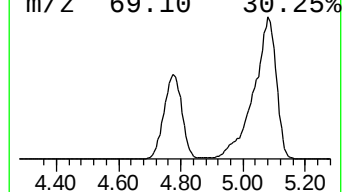
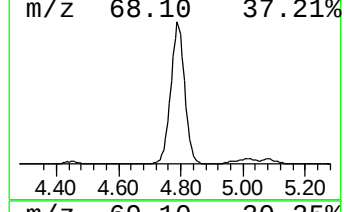
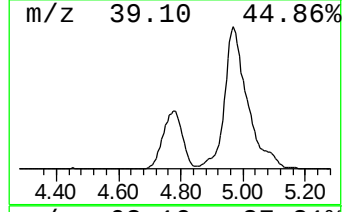
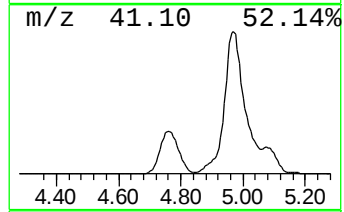
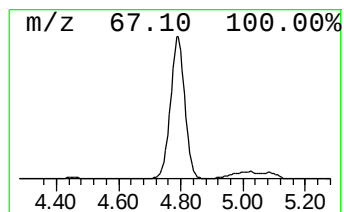
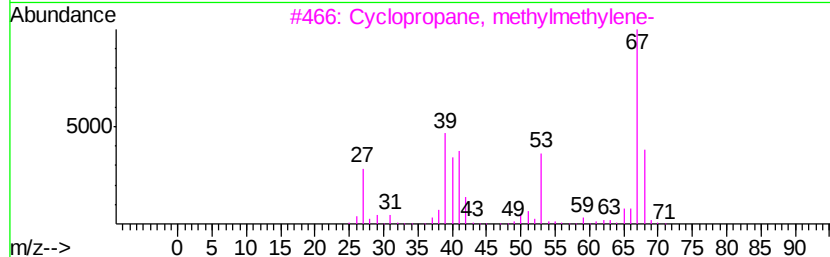
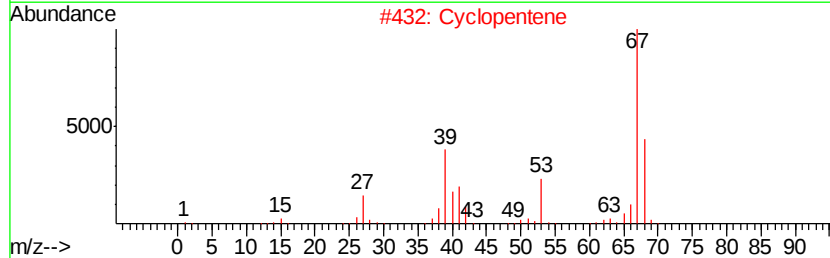
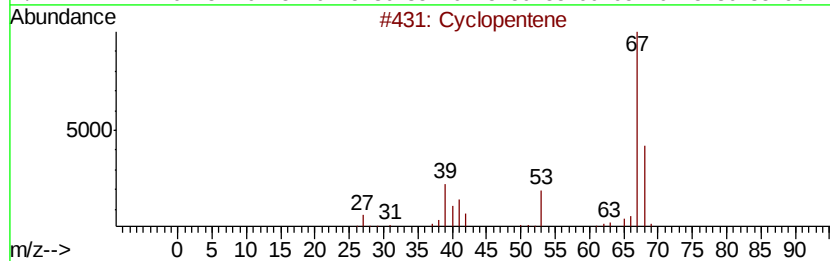
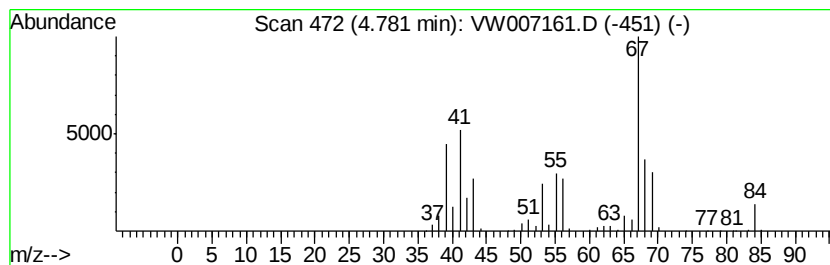
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Quant Title : VOC Analysis

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

Peak Number 7 Cyclopentene Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	15.78 ug/L	2185690	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentene	68	C5H8	000142-29-0	64
2		Cyclopentene	68	C5H8	000142-29-0	58
3		Cyclopropane, methvlmethvlene-	68	C5H8	018631-84-0	58
4		Cyclopentene	68	C5H8	000142-29-0	53
5		Cyclopentene	68	C5H8	000142-29-0	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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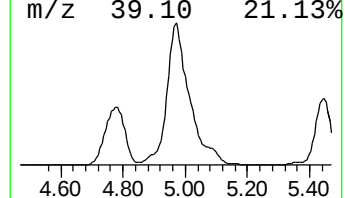
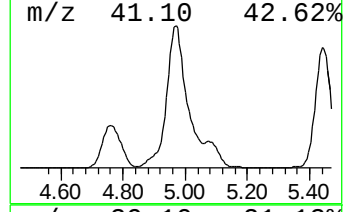
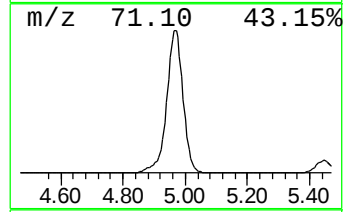
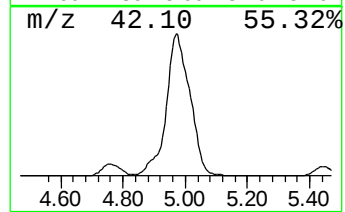
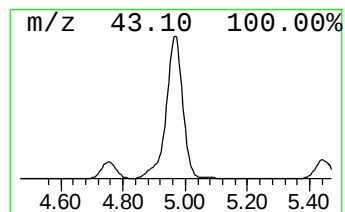
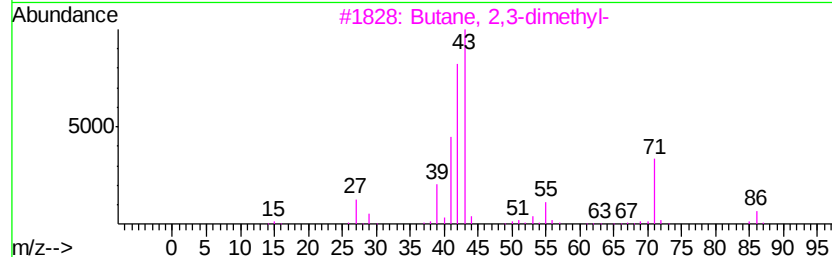
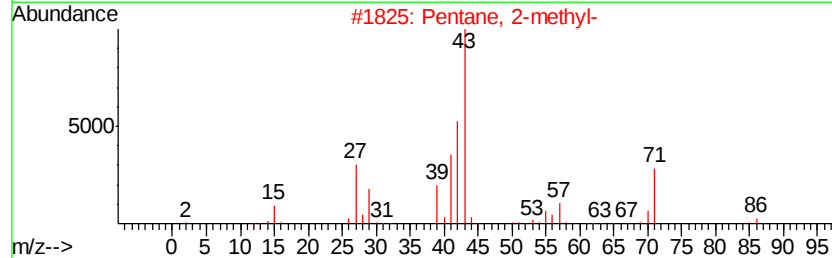
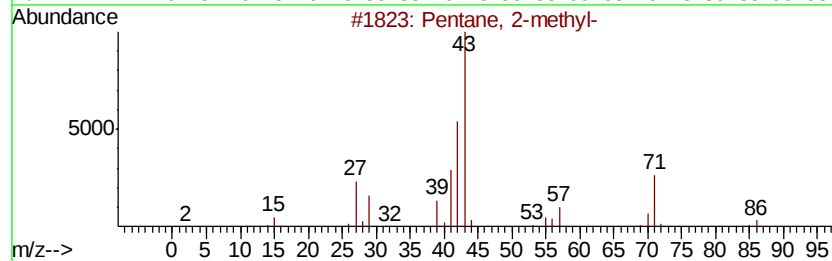
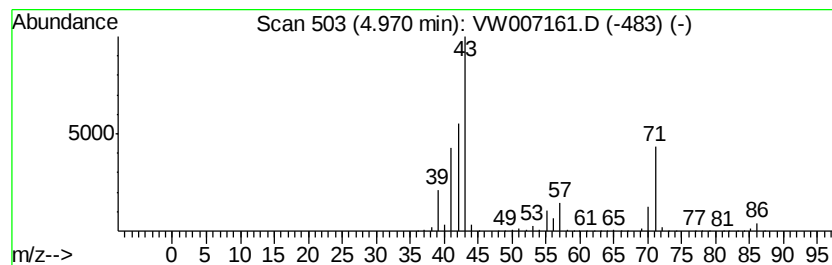
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	57.70 ug/L	7991940	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2		Pentane, 2-methyl-	86	C6H14	000107-83-5	91
3		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
4		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	49
5		Pentane	72	C5H12	000109-66-0	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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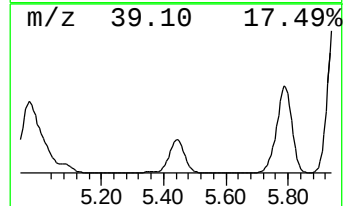
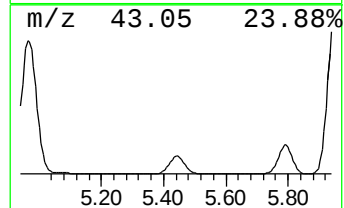
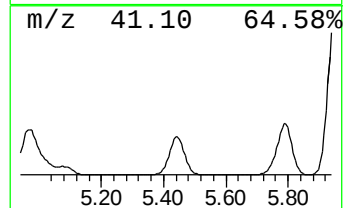
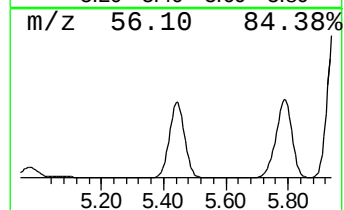
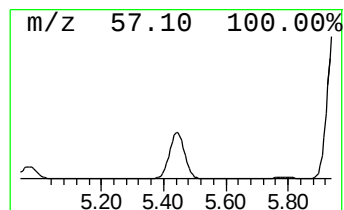
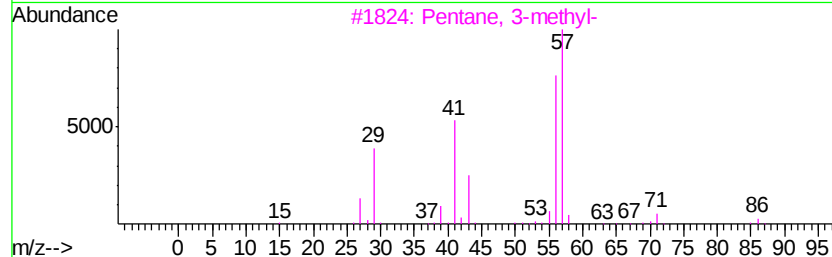
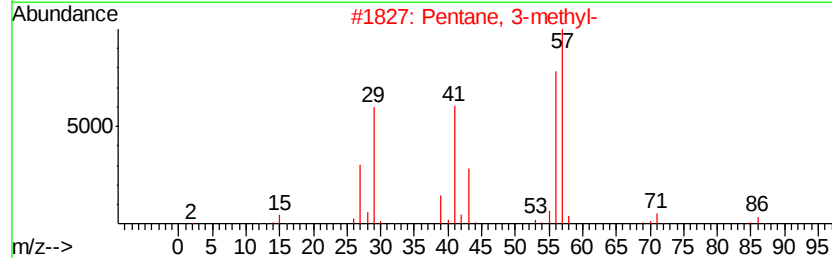
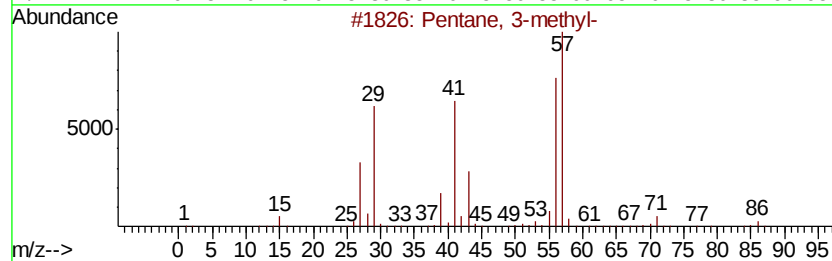
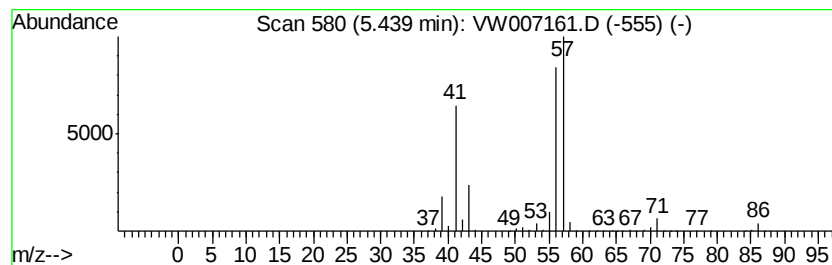
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.44	26.00 ug/L	3601590	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2		Pentane, 3-methyl-	86	C6H14	000096-14-0	91
3		Pentane, 3-methyl-	86	C6H14	000096-14-0	91
4		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	83
5		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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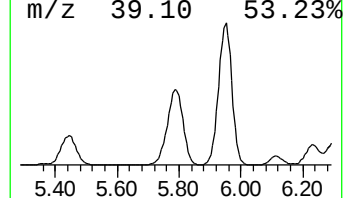
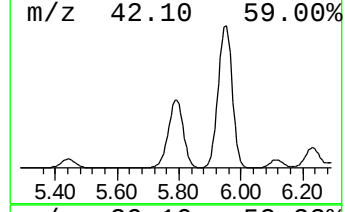
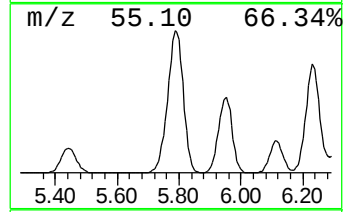
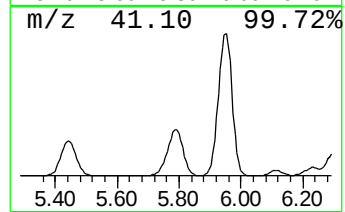
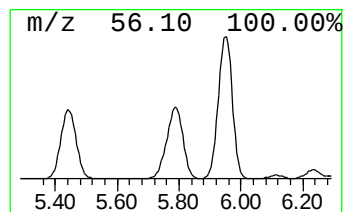
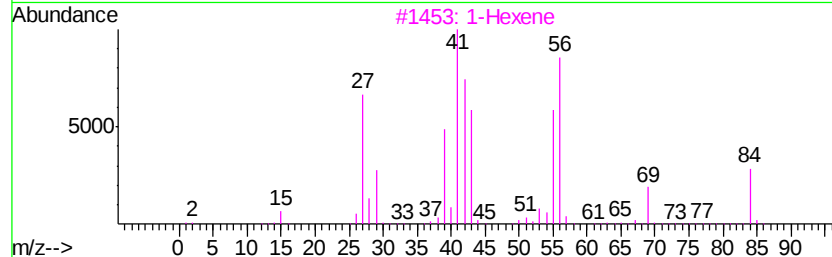
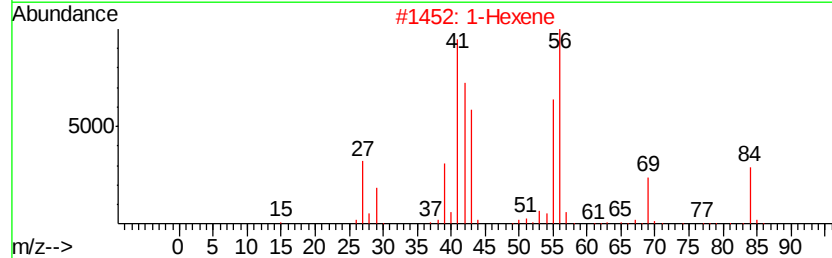
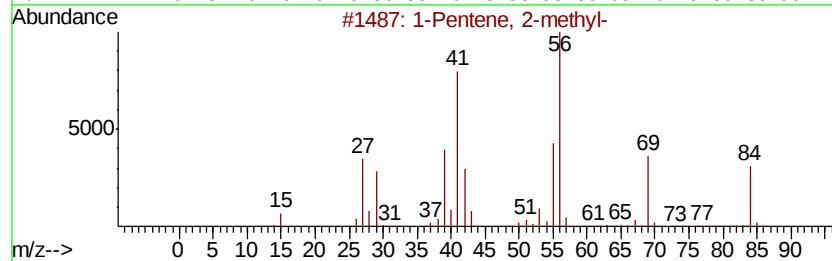
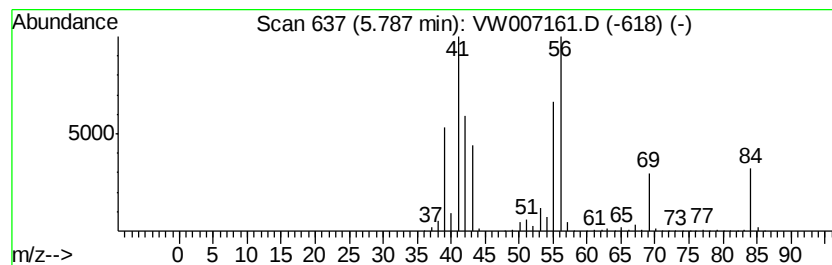
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Cyclic5.79 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	37.09 ug/L	5137390	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	87
2		1-Hexene	84	C6H12	000592-41-6	81
3		1-Hexene	84	C6H12	000592-41-6	81
4		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
5		2-Hexene, (Z)-	84	C6H12	007688-21-3	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
 Data File : VW007161.D
 Acq On : 03 Dec 2018 13:11
 Operator : SY/AP
 Sample : J6077-06
 Misc : 6.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9Y41

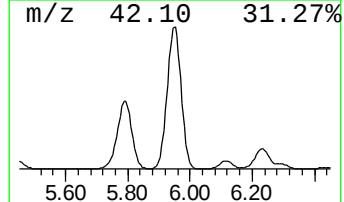
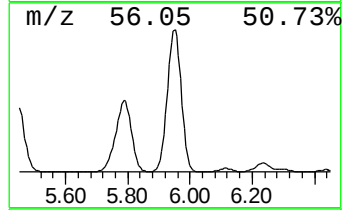
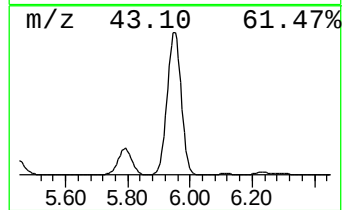
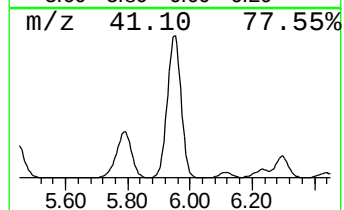
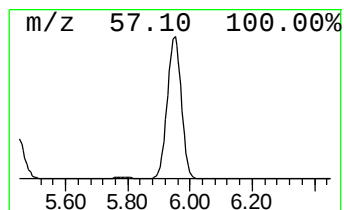
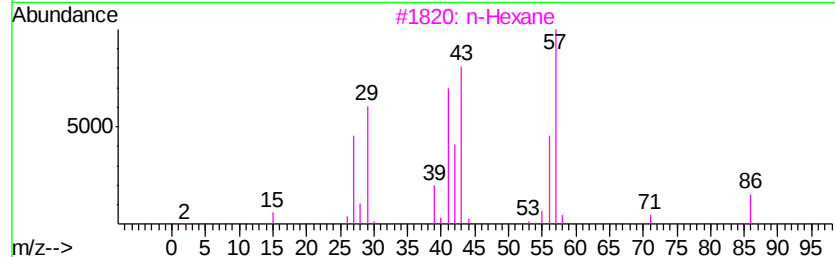
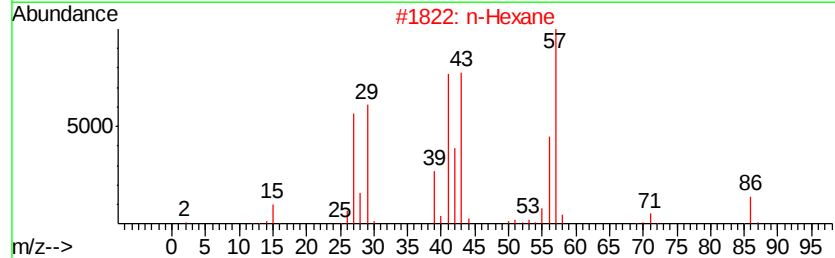
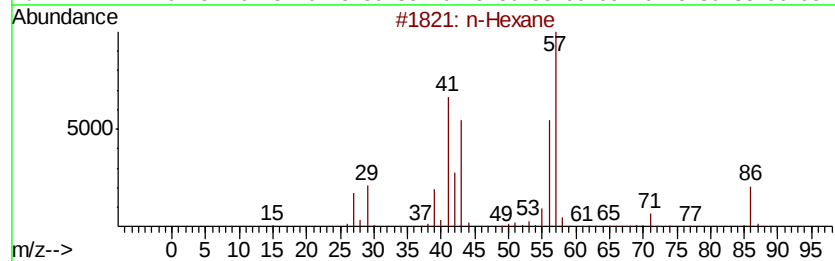
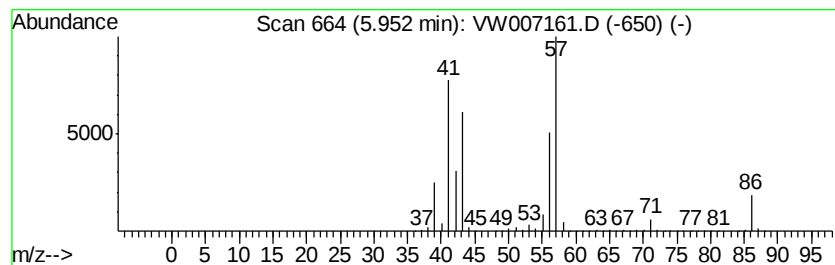
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 Quant Title : VOC Analysis

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

 Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	96.10 ug/L	13311300	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	94
2		n-Hexane	86	C6H14	000110-54-3	64
3		n-Hexane	86	C6H14	000110-54-3	59
4		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	40
5		Butanal, 2-methyl-	86	C5H10O	000096-17-3	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

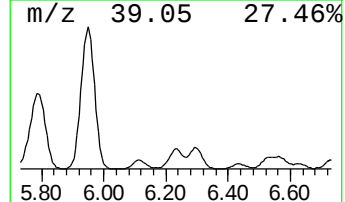
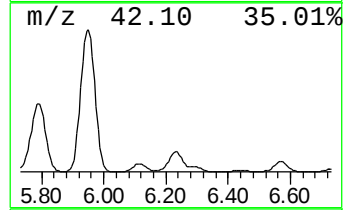
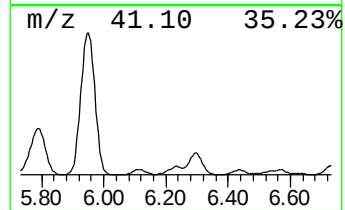
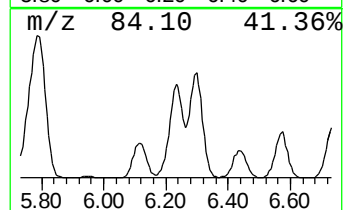
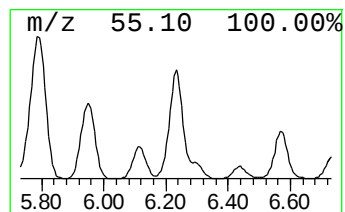
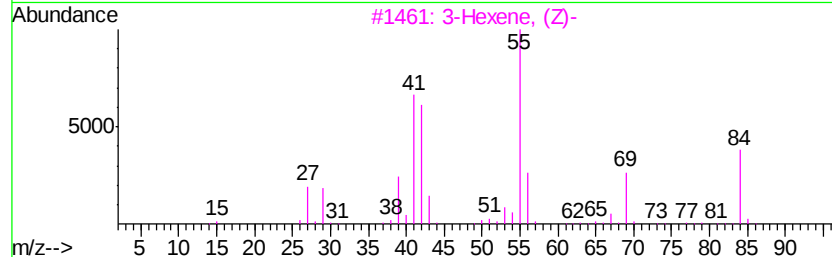
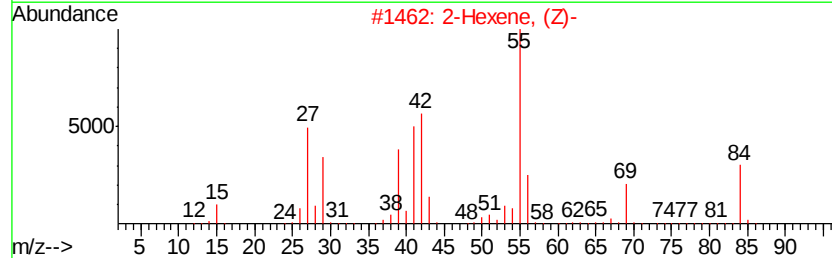
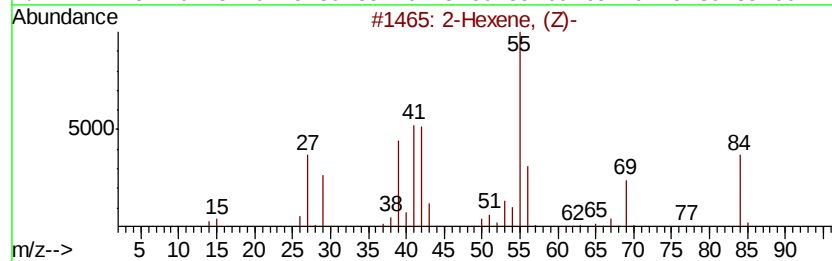
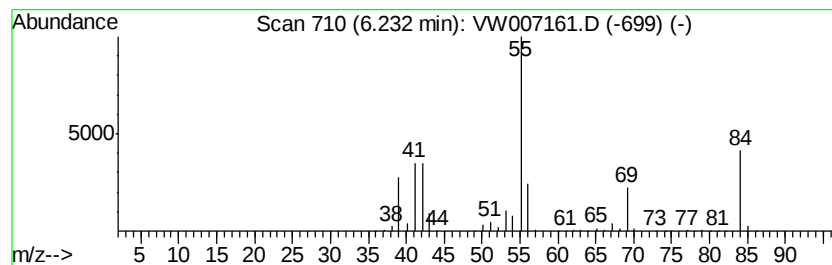
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Cyclic6.23 Concentration Rank 77

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	9.86 ug/L	1365380	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, (Z)-			84	C6H12	007688-21-3	91
2	2-Hexene, (Z)-			84	C6H12	007688-21-3	91
3	3-Hexene, (Z)-			84	C6H12	007642-09-3	91
4	3-Hexene, (Z)-			84	C6H12	007642-09-3	91
5	2-Hexene, (E)-			84	C6H12	004050-45-7	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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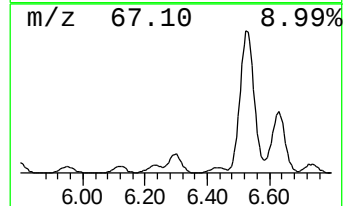
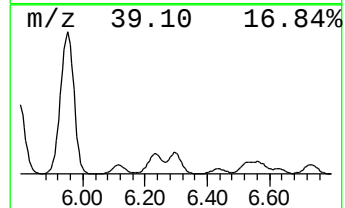
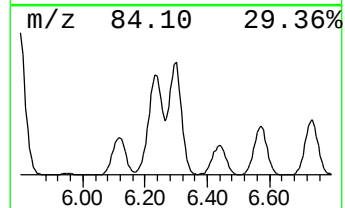
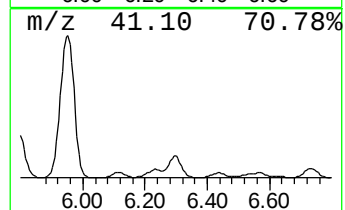
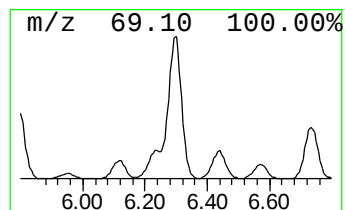
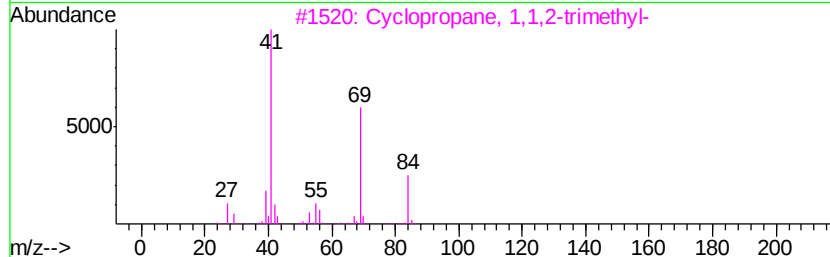
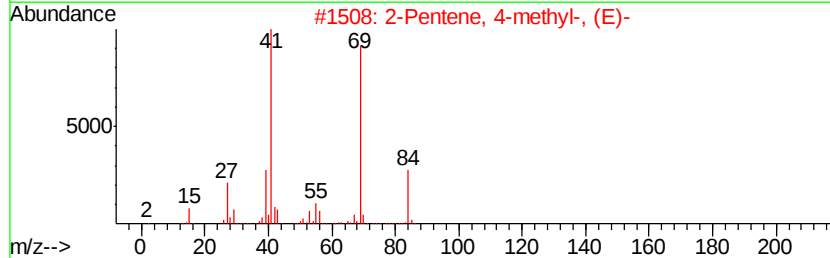
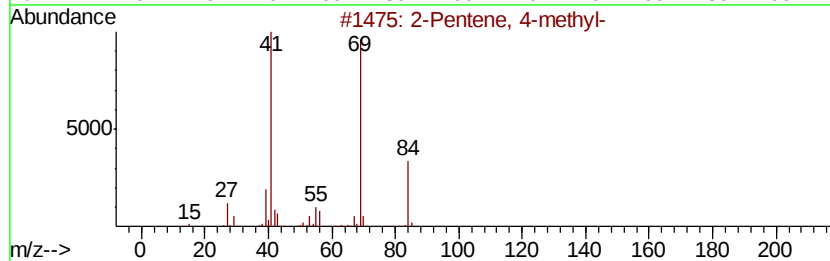
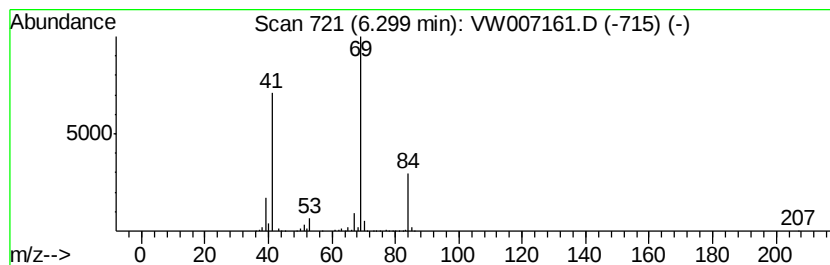
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Cyclic6.30 Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	10.73 ug/L	1486600	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	90
2		2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	90
3		Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	90
4		Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	90
5		1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

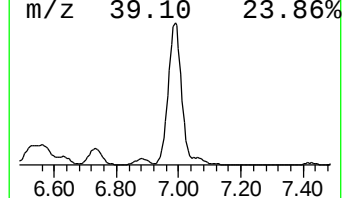
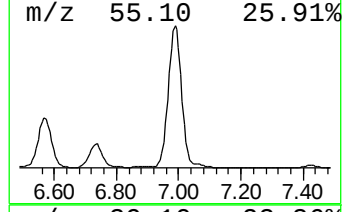
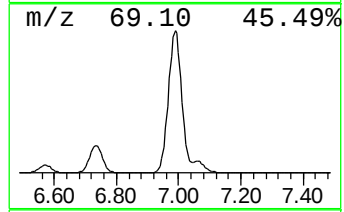
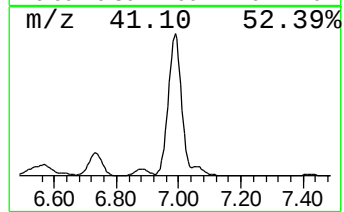
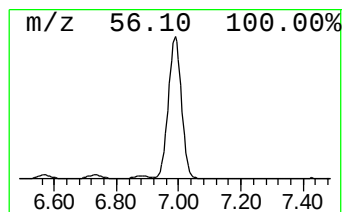
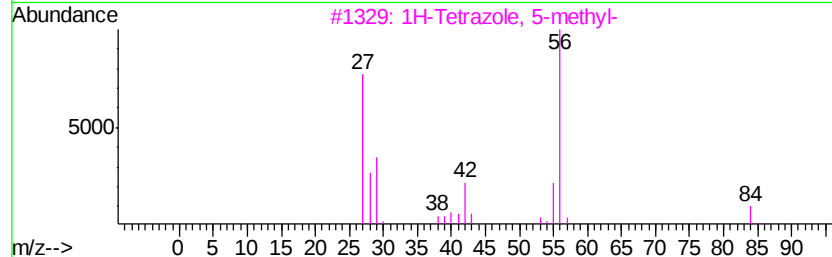
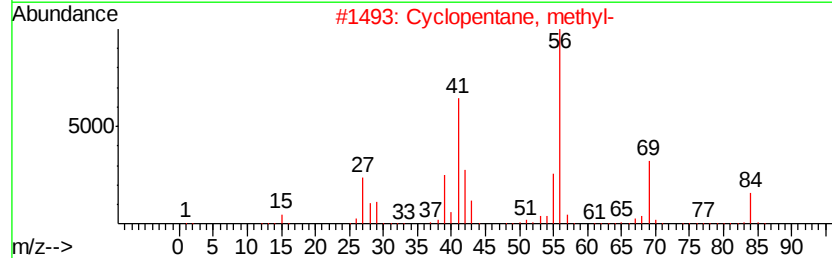
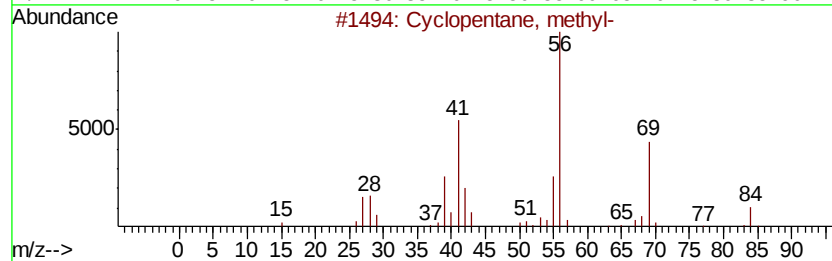
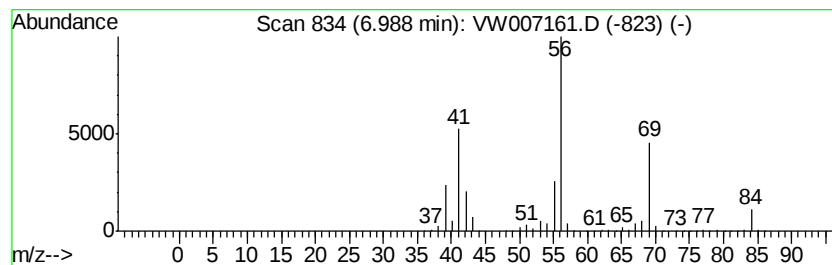
Instrument :
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ClientSampleId :
F9Y41

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Cyclic6.99 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.99	45.69 ug/L	6328230	1,4-Difluorobenzene	8.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cvclopentane, methyl-	84	C6H12	000096-37-7	91
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4	Cvclobutane, ethyl-	84	C6H12	004806-61-5	64
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

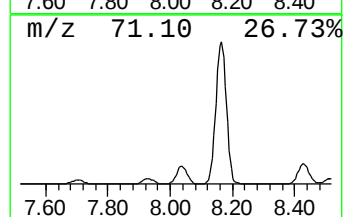
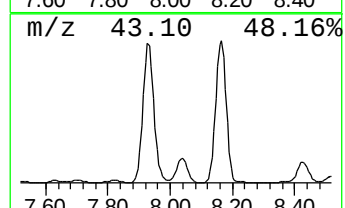
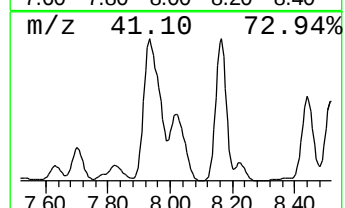
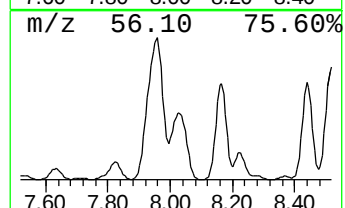
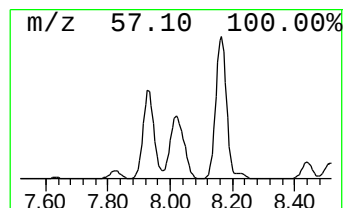
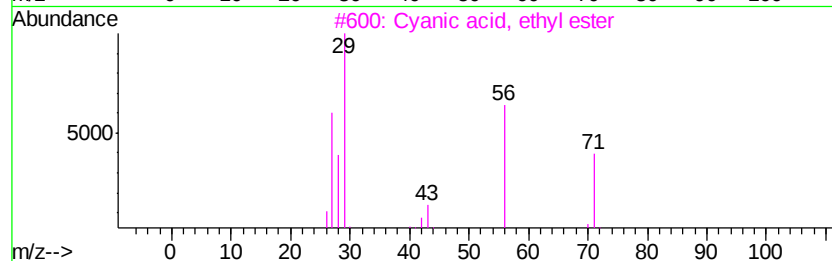
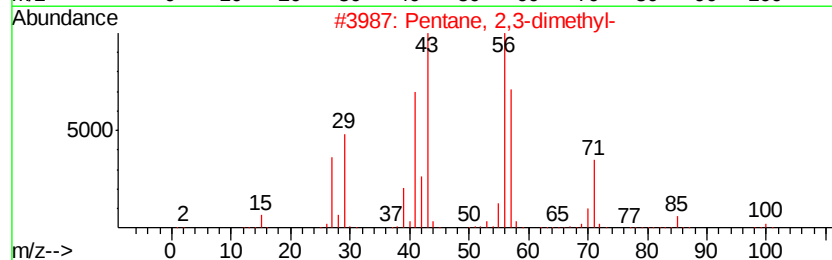
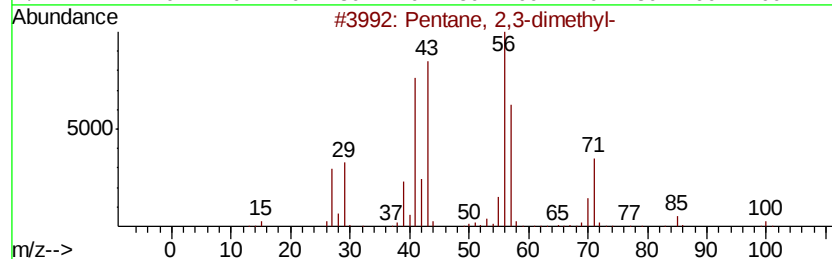
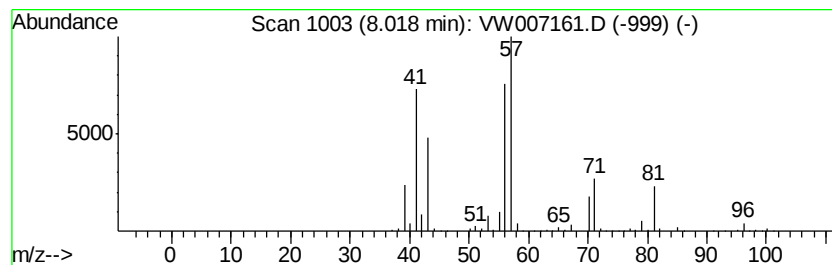
Instrument :
MSVOA_W
ClientSampleId :
F9Y41

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	18.71 ug/L	2591580	1,4-Difluorobenzene	8.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentane, 2,3-dimethyl-	100 C7H16	000565-59-3	83
2	Pentane, 2,3-dimethyl-	100 C7H16	000565-59-3	64
3	Cvanic acid, ethyl ester	71 C3H5NO	000627-48-5	58
4	Ethane, isocyanato-	71 C3H5NO	000109-90-0	53
5	Butane, 2,2,3-trimethyl-	100 C7H16	000464-06-2	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
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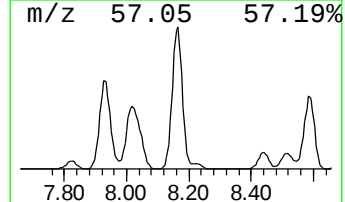
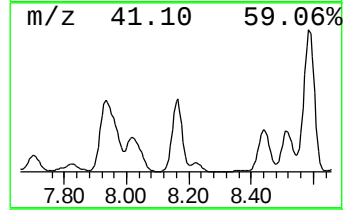
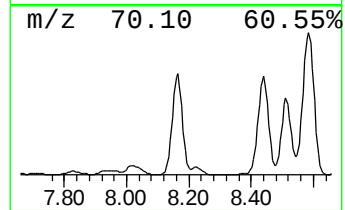
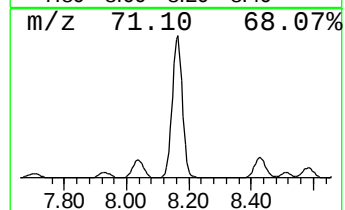
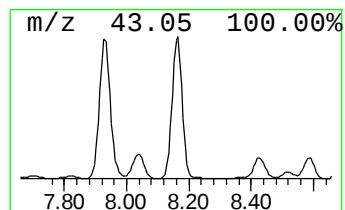
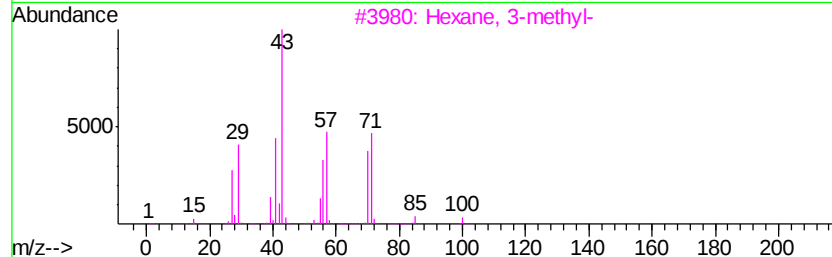
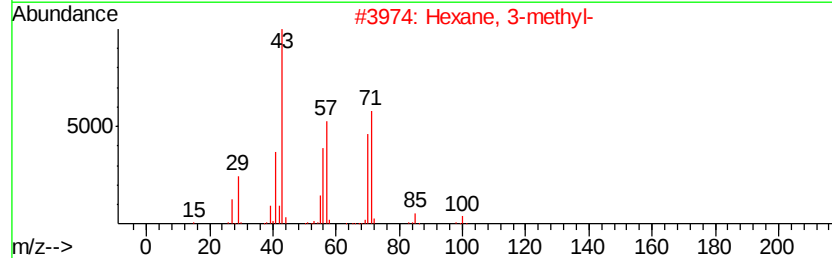
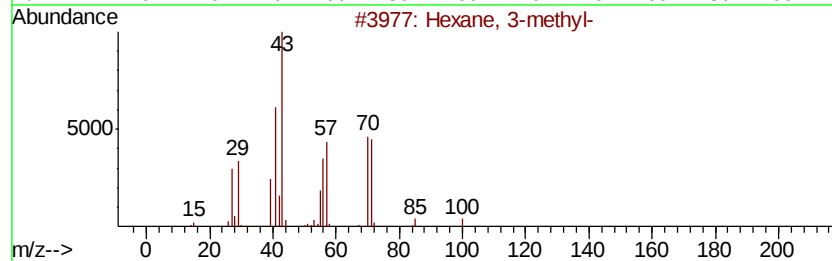
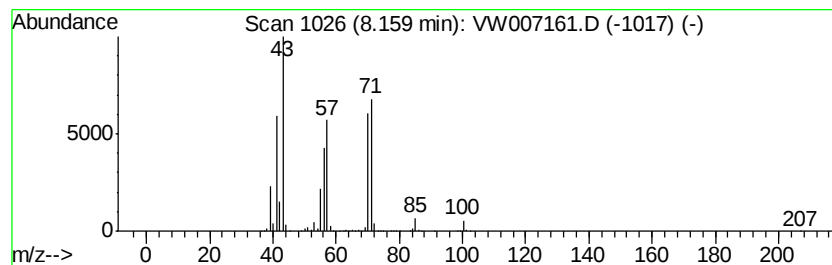
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	39.18 ug/L	5426690	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2		Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3		Hexane, 3-methyl-	100	C7H16	000589-34-4	87
4		Heptane	100	C7H16	000142-82-5	80
5		Heptane, 4-methyl-	114	C8H18	000589-53-7	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

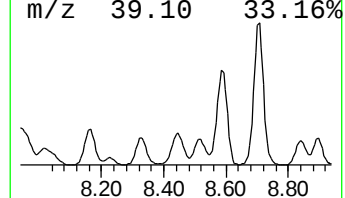
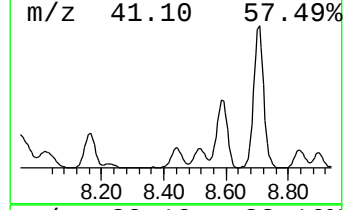
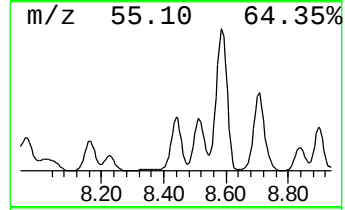
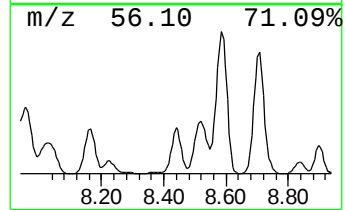
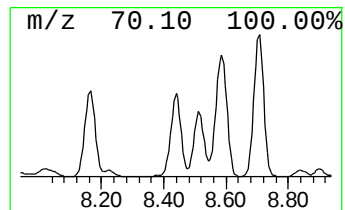
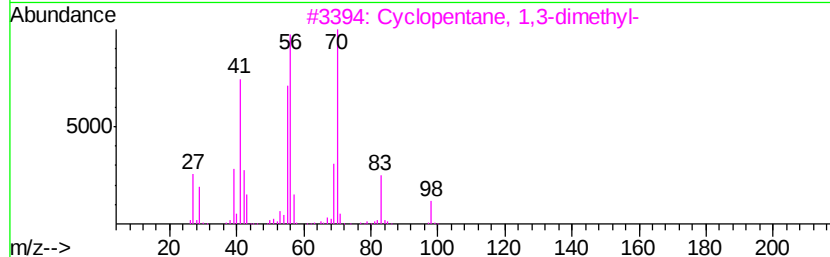
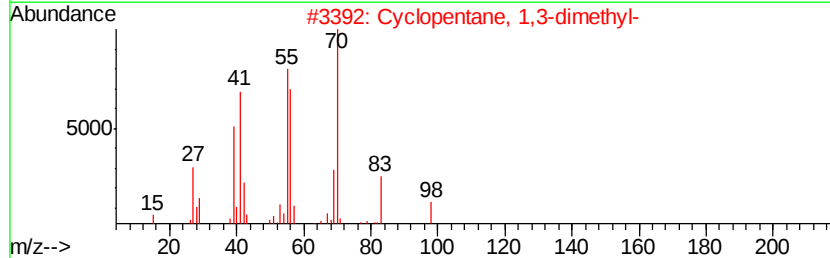
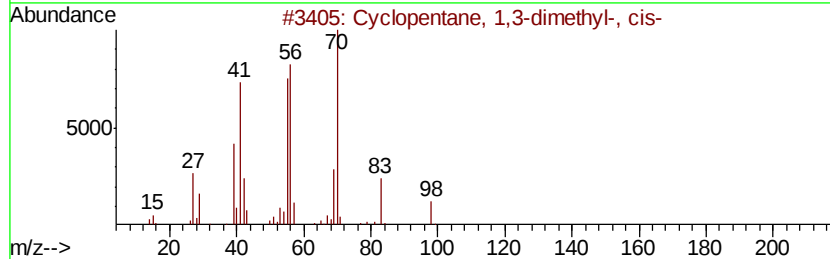
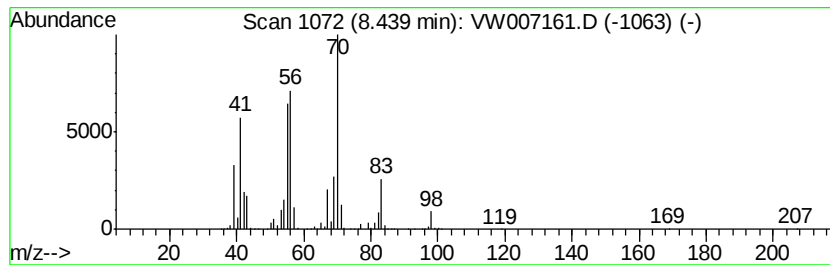
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Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Cyclic8.44 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	28.97 ug/L	4012960	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	94
2		Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	90
3		Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	87
4		Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	80
5		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

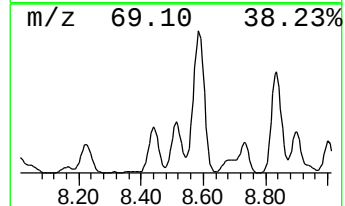
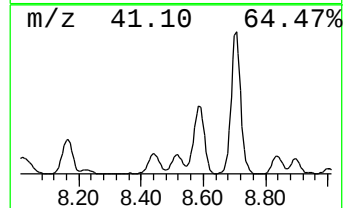
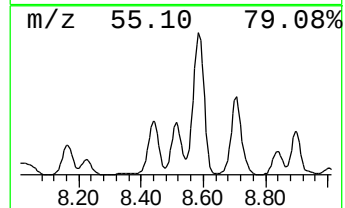
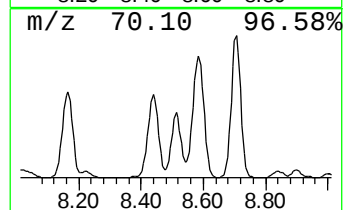
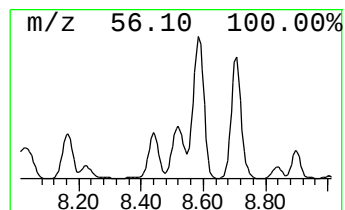
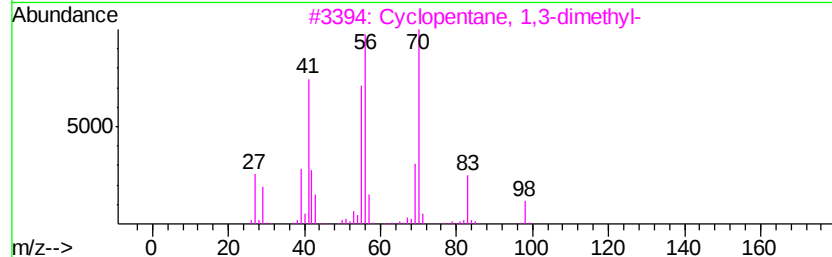
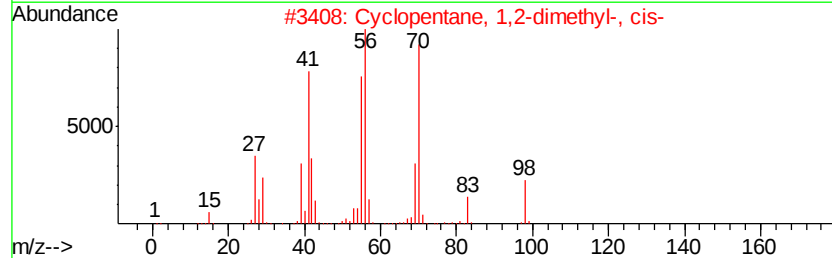
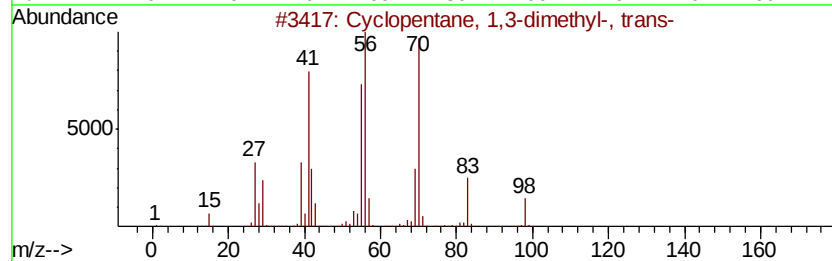
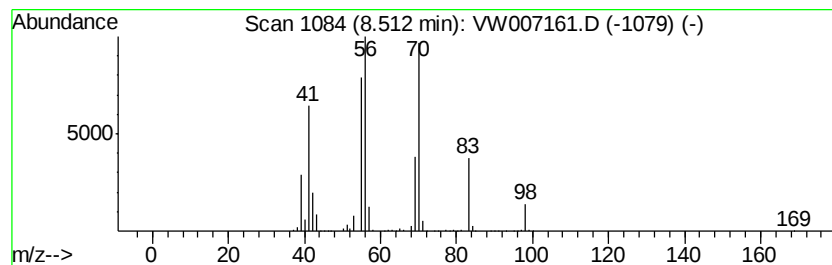
Instrument :
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ClientSampleId :
F9Y41

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Cyclic8.51 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	20.49 ug/L	2838540	1,4-Difluorobenzene	8.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentane, 1,3-dimethyl-, trans-	98 C7H14	001759-58-6 91
2		Cyclopentane, 1,2-dimethyl-, cis-	98 C7H14	001192-18-3 91
3		Cyclopentane, 1,3-dimethyl-	98 C7H14	002453-00-1 91
4		Cyclopentane, 1,3-dimethyl-, cis-	98 C7H14	002532-58-3 91
5		Cyclopentane, 1,2-dimethyl-, cis-	98 C7H14	001192-18-3 87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

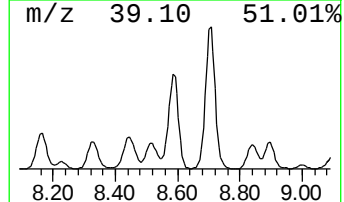
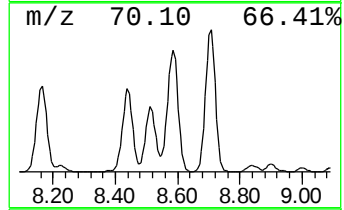
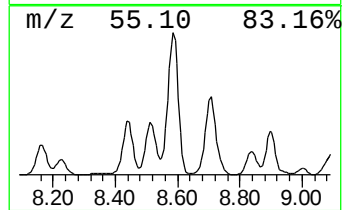
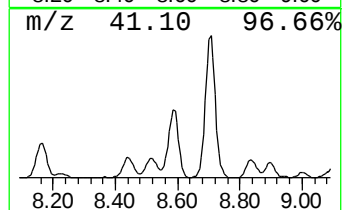
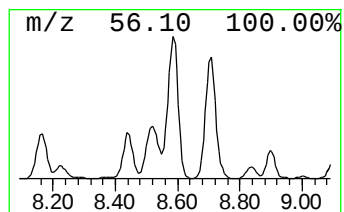
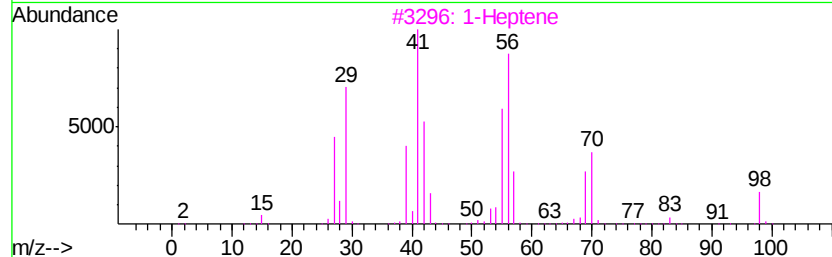
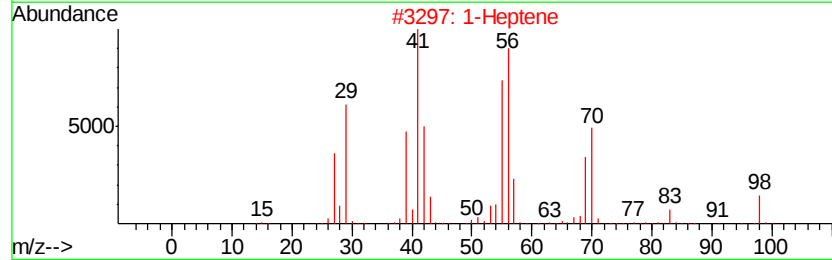
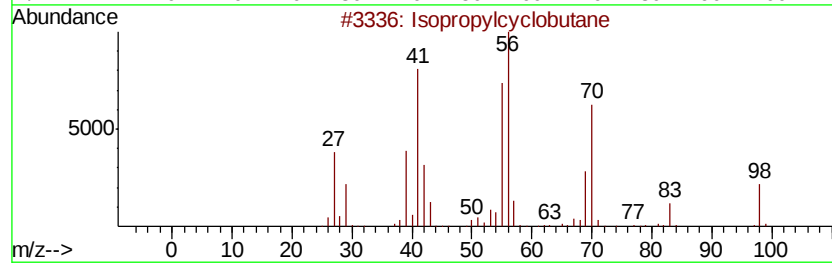
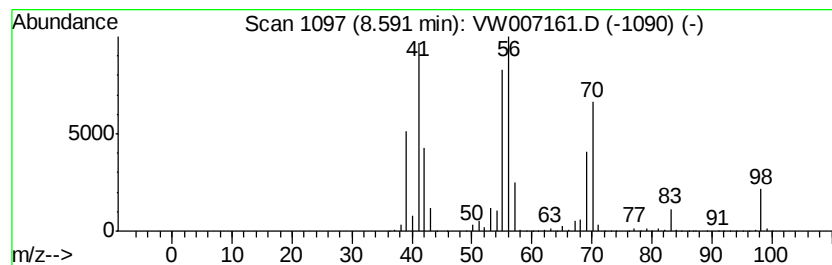
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

Peak Number 19 (DEL) Alkane: Cyclic8.59 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.59	61.87 ug/L	8570260	1,4-Difluorobenzene	8.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	97
2	1-Heptene	98	C7H14	000592-76-7	91
3	1-Heptene	98	C7H14	000592-76-7	87
4	(Z)-2-Heptene	98	C7H14	006443-92-1	76
5	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
 Data File : VW007161.D
 Acq On : 03 Dec 2018 13:11
 Operator : SY/AP
 Sample : J6077-06
 Misc : 6.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9Y41

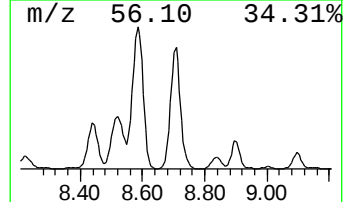
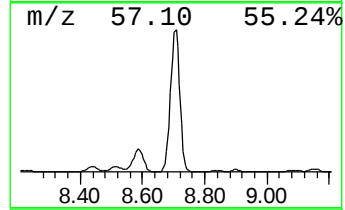
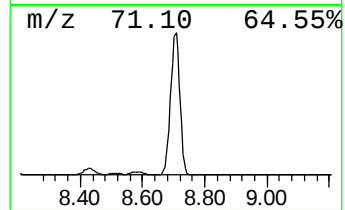
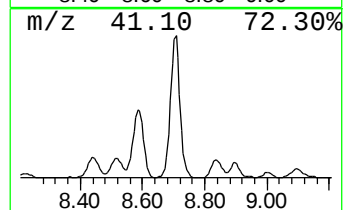
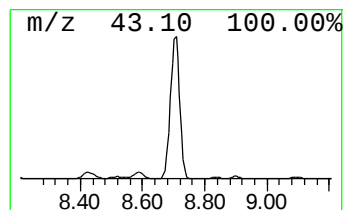
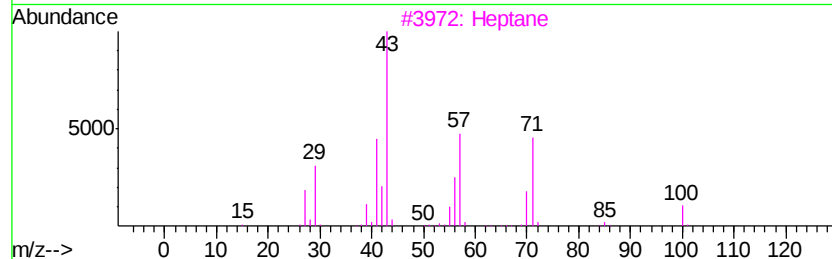
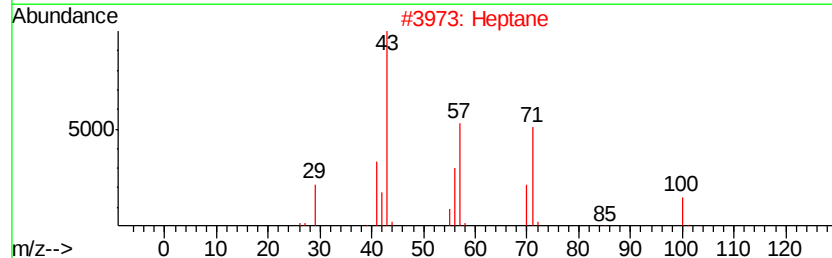
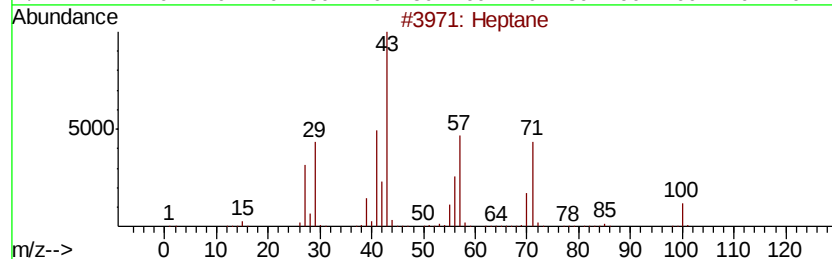
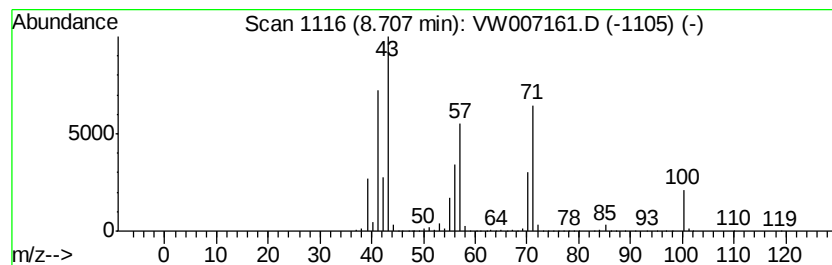
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 Quant Title : VOC Analysis

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

 Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	120.92 ug/L	16749200	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	87
2		Heptane	100	C7H16	000142-82-5	87
3		Heptane	100	C7H16	000142-82-5	74
4		Heptane	100	C7H16	000142-82-5	58
5		Hexane, 3-methyl-	100	C7H16	000589-34-4	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
F9Y41

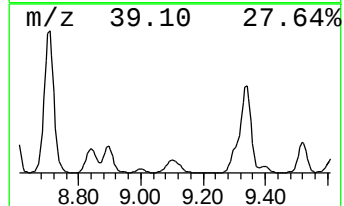
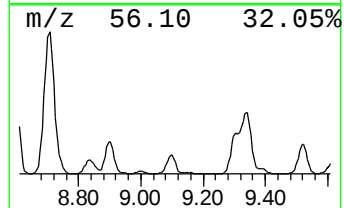
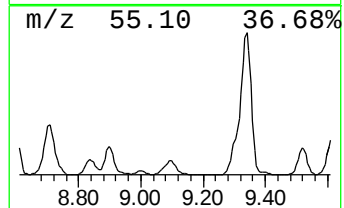
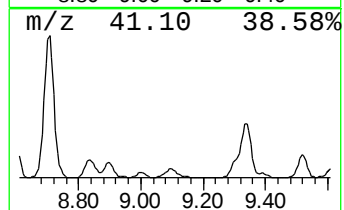
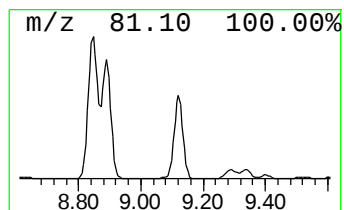
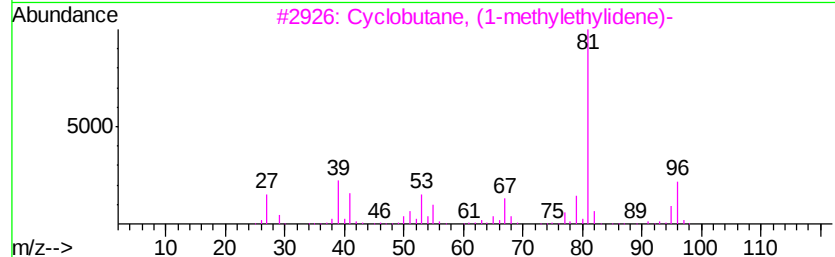
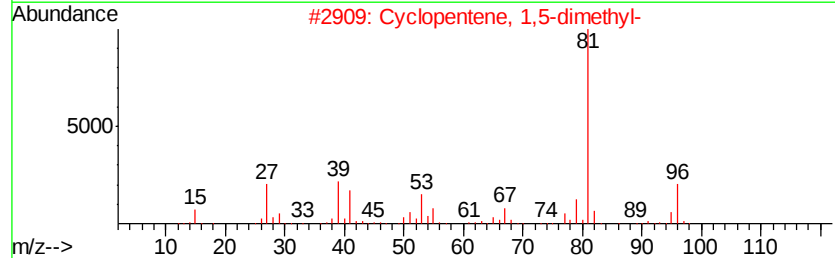
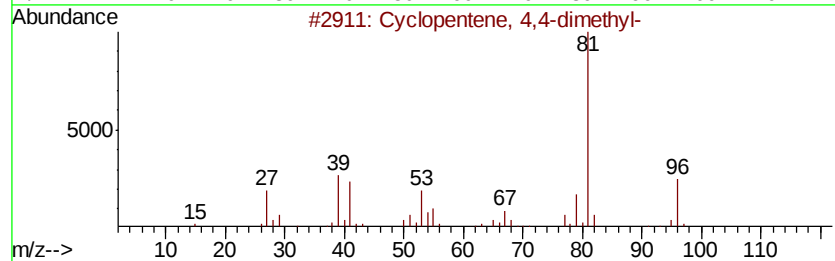
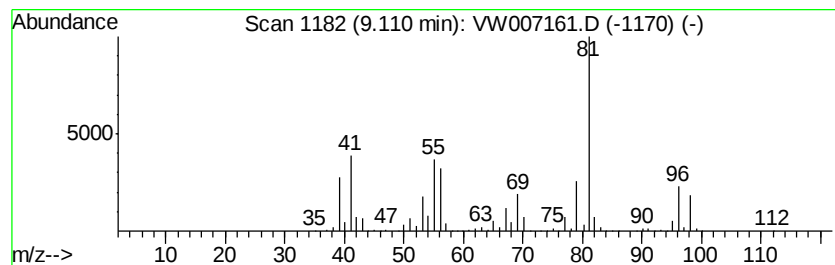
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Quant Title : VOC Analysis

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

Peak Number 21 Cyclopentene, 4,4-dimethyl- Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	15.53 ug/L	2151450	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	70
2		Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	70
3		Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	70
4		2-Hexyne, 4-methyl-	96	C7H12	020198-49-6	58
5		2,3-Diazabicyclo[2.2.1]hept-2-en...	124	C7H12N2	071312-54-4	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

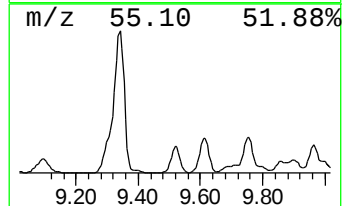
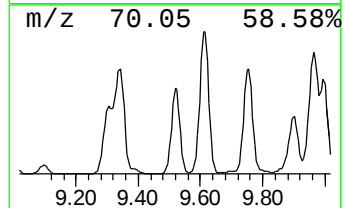
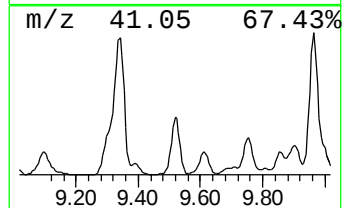
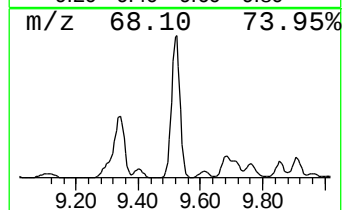
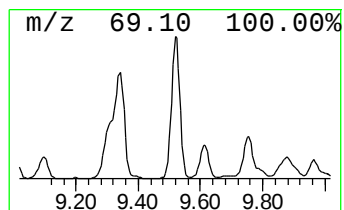
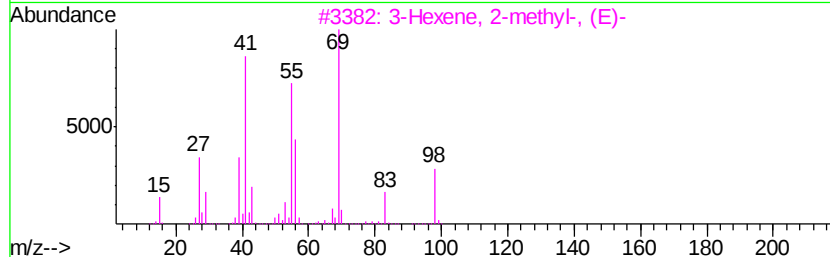
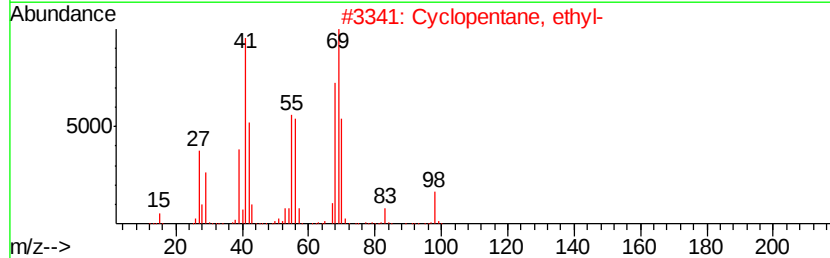
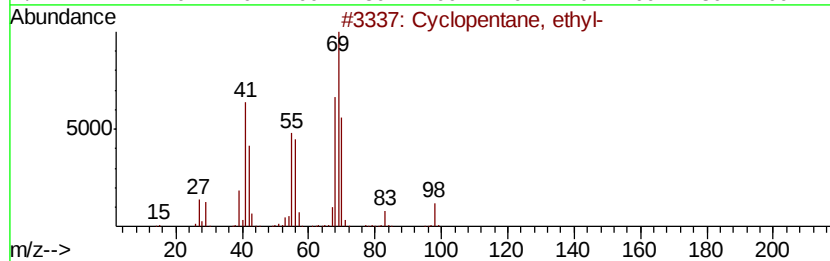
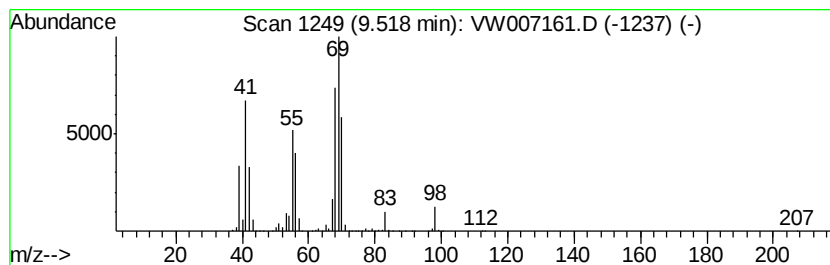
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Quant Title : VOC Analysis

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

Peak Number 22 (DEL) Alkane: Cyclic9.52 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	22.14 ug/L	3066320	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, ethyl-	98	C7H14	001640-89-7	97
2		Cyclopentane, ethyl-	98	C7H14	001640-89-7	96
3		3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	43
4		1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	43
5		Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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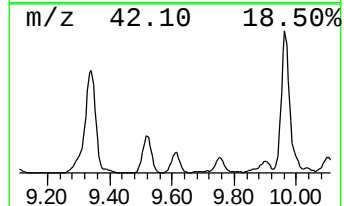
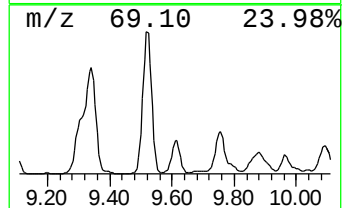
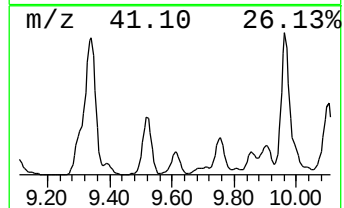
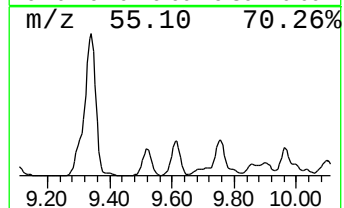
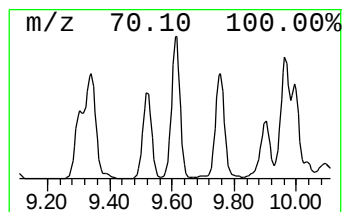
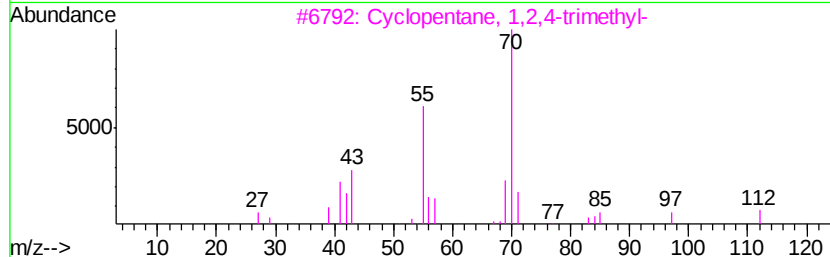
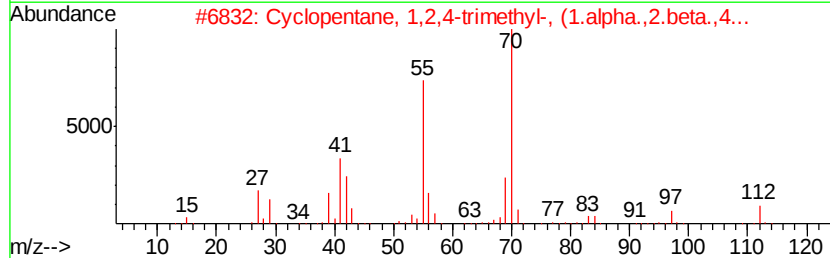
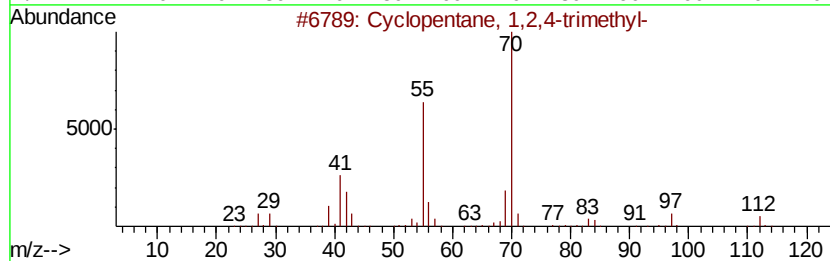
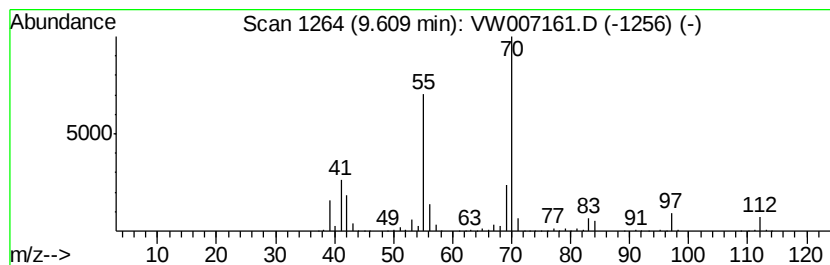
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Quant Title : VOC Analysis

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

Peak Number 23 (DEL) Alkane: Cyclic9.61 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	13.00 ug/L	1801090	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
2		Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	91
3		Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
4		Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	87
5		Heptane, 3-methylene-	112	C8H16	001632-16-2	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

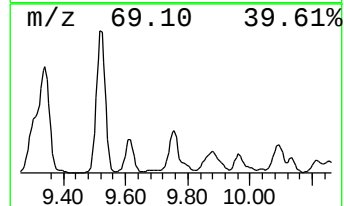
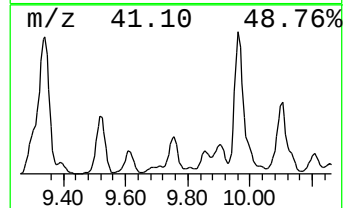
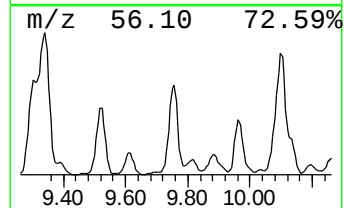
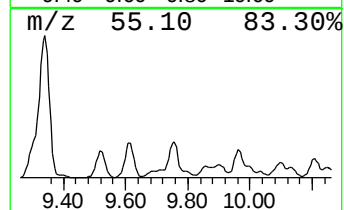
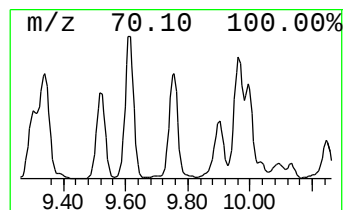
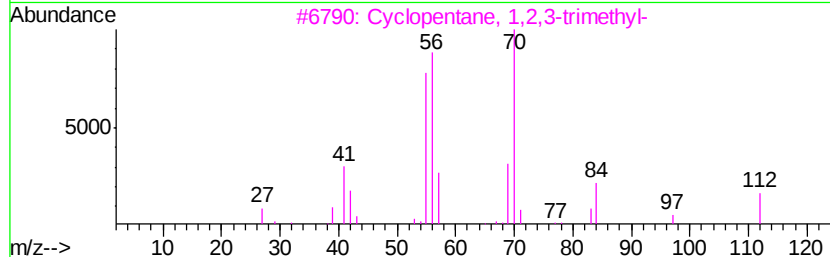
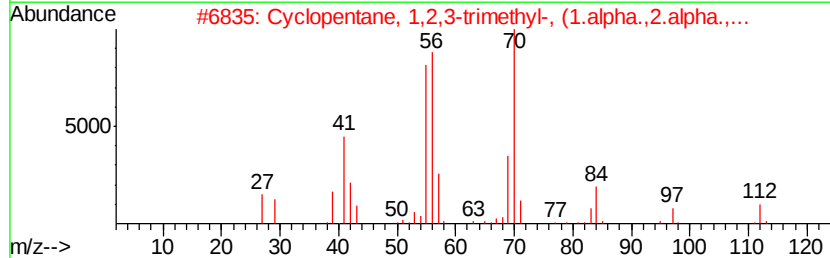
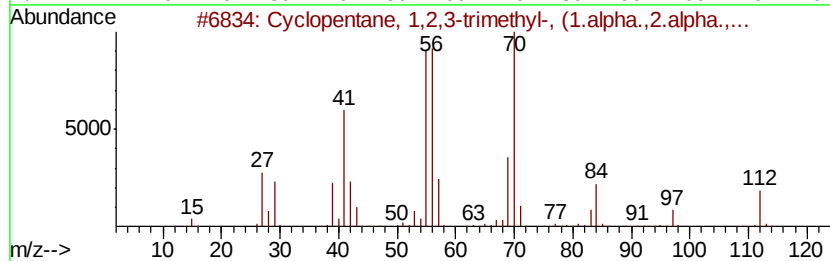
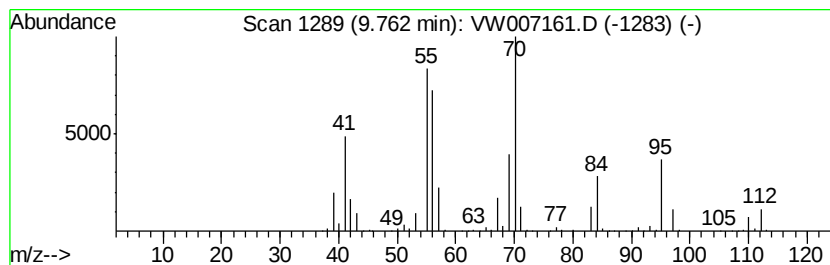
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Quant Title : VOC Analysis

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

Peak Number 24 (DEL) Alkane: Cyclic9.76 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	17.77 ug/L	2461610	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	94
2		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	90
3		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002815-57-8	90
4		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	59
5		1-Heptene, 3-methyl-	112	C8H16	004810-09-7	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

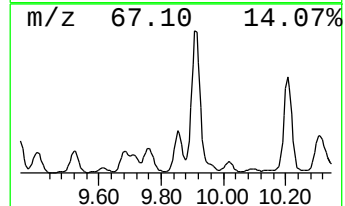
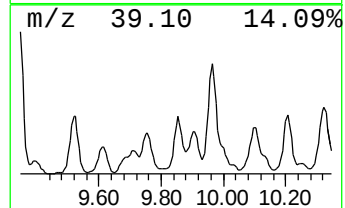
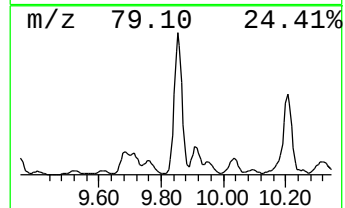
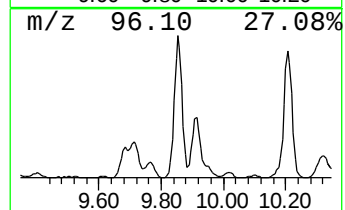
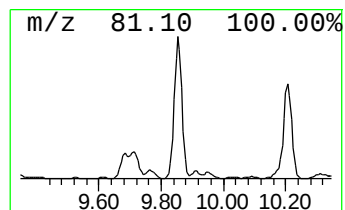
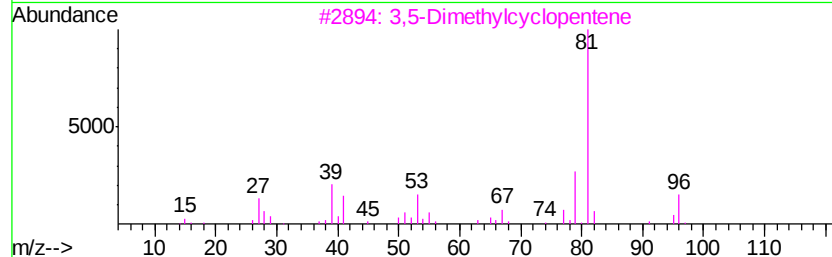
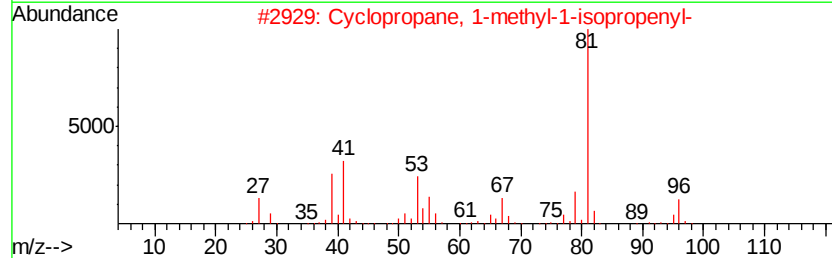
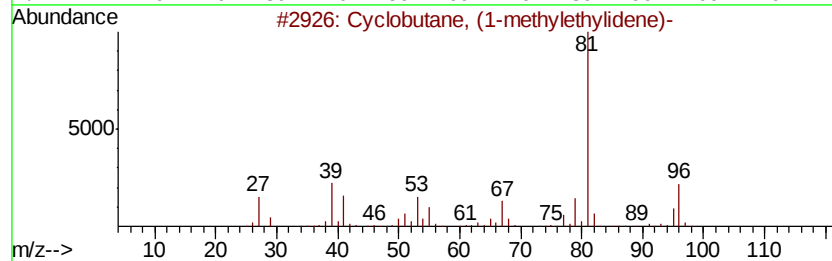
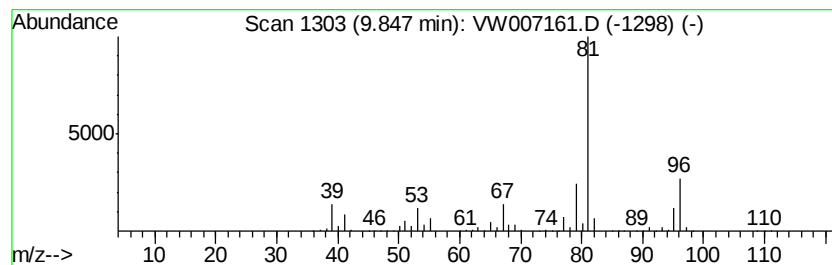
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Quant Title : VOC Analysis

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

Peak Number 25 Cyclobutane, (1-methylethyl... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	22.98 ug/L	3182960	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	91
2		Cyclopropane, 1-methyl-1-isopropenyl-	96	C7H12	003422-07-9	90
3		3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	78
4		Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	78
5		Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

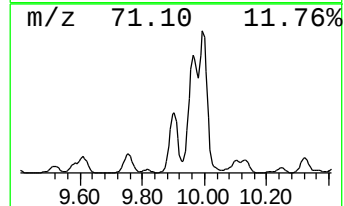
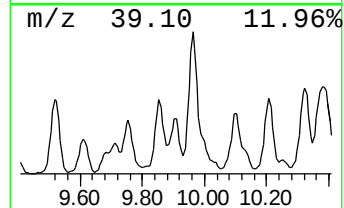
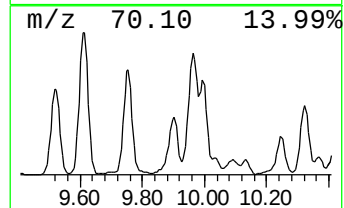
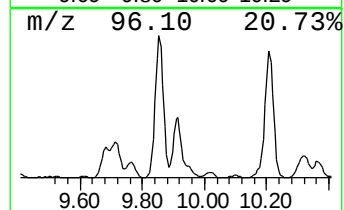
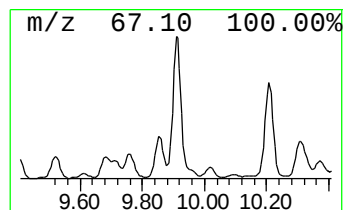
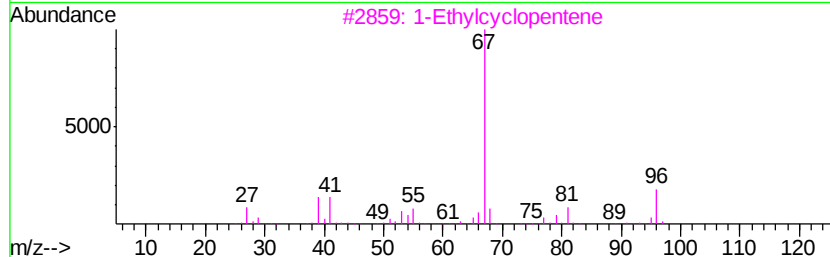
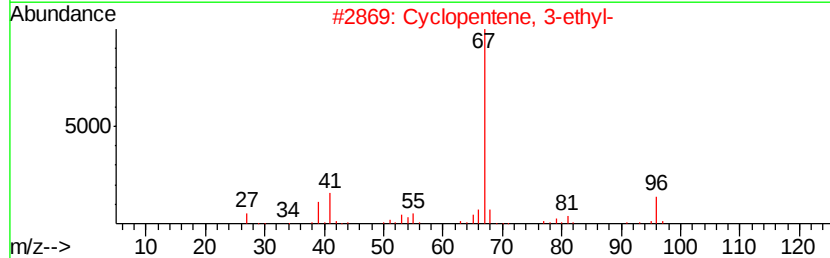
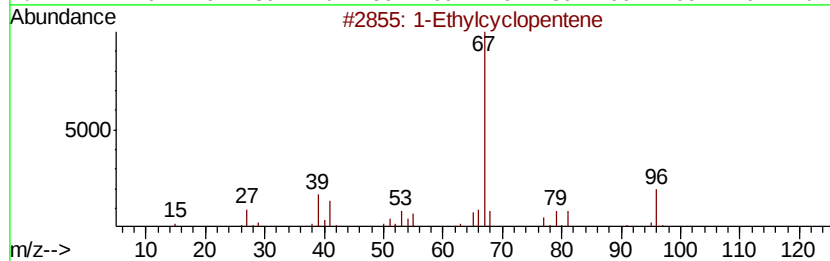
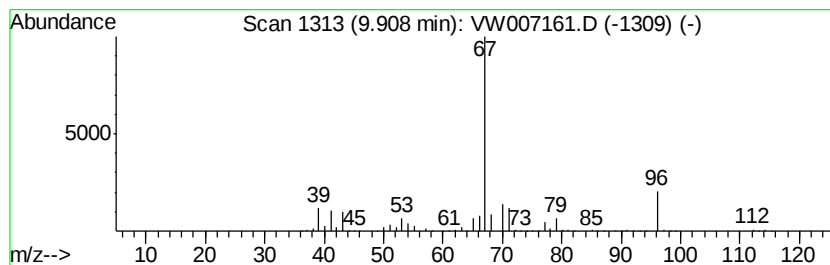
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Quant Title : VOC Analysis

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

Peak Number 26 1-Ethylcyclopentene Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	12.71 ug/L	1761160	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethylcvclopentene	96	C7H12	002146-38-5	74
2			Cyclopentene, 3-ethyl-	96	C7H12	000694-35-9	72
3			1-Ethylcvclopentene	96	C7H12	002146-38-5	72
4			Cyclopentene, 3-ethyl-	96	C7H12	000694-35-9	64
5			1-Ethylcyclopentene	96	C7H12	002146-38-5	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

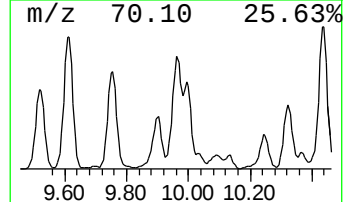
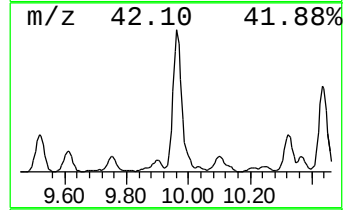
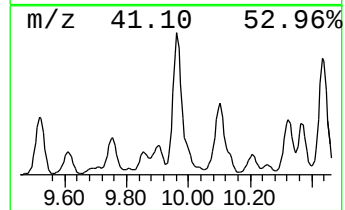
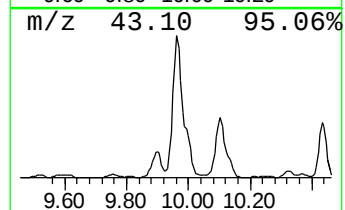
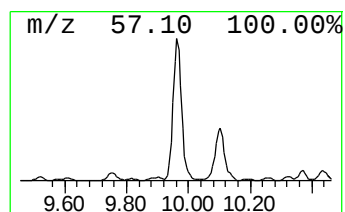
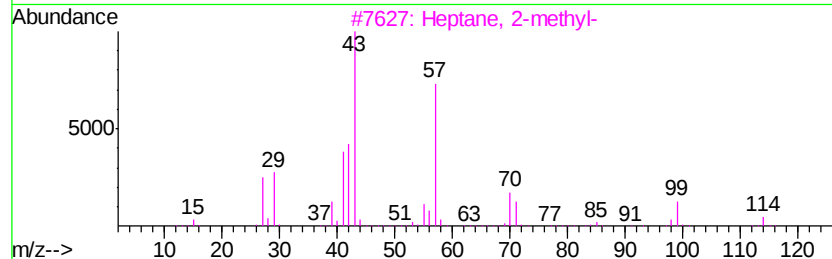
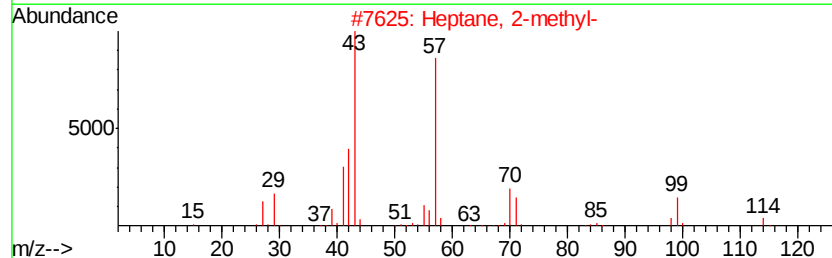
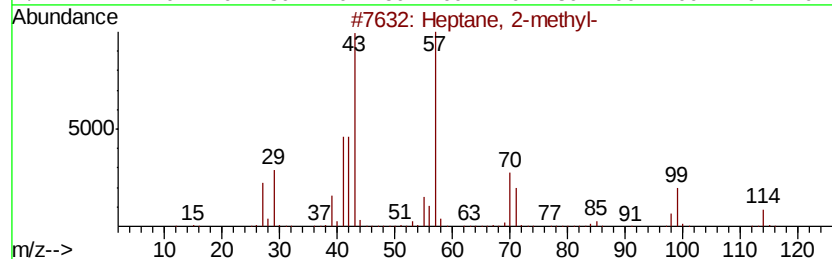
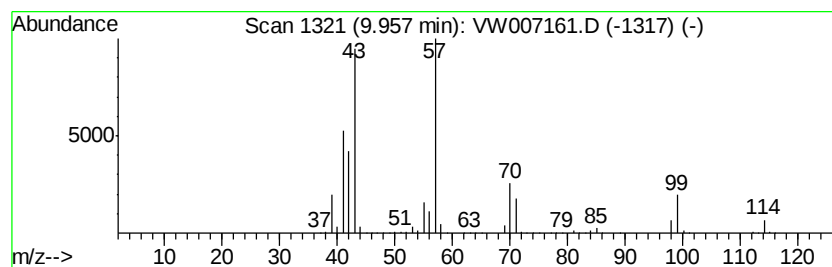
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	61.13 ug/L	8467090	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2-methyl-	114	C8H18	000592-27-8	95
2		Heptane, 2-methyl-	114	C8H18	000592-27-8	91
3		Heptane, 2-methyl-	114	C8H18	000592-27-8	91
4		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	58
5		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

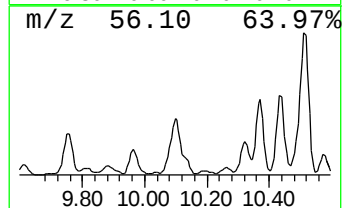
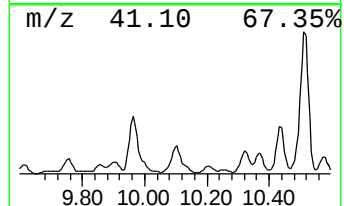
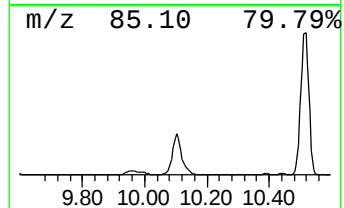
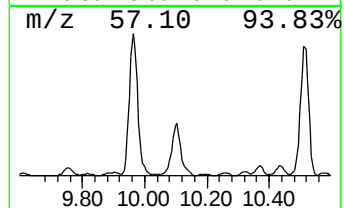
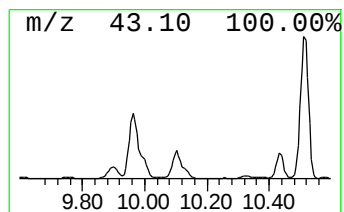
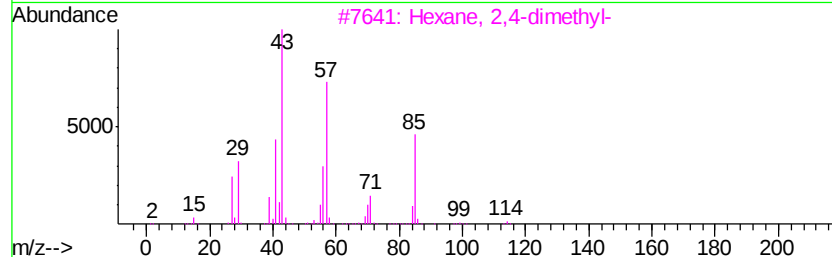
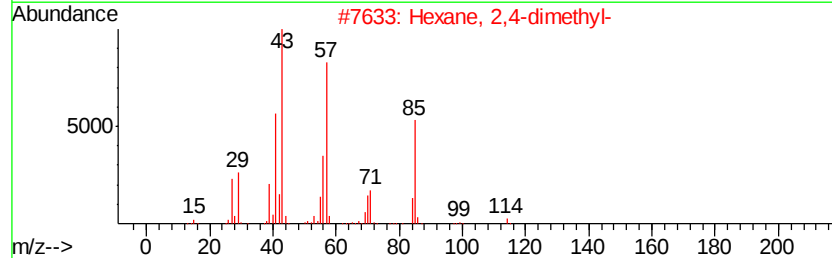
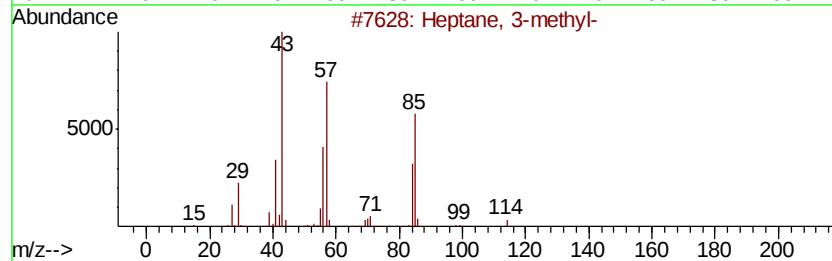
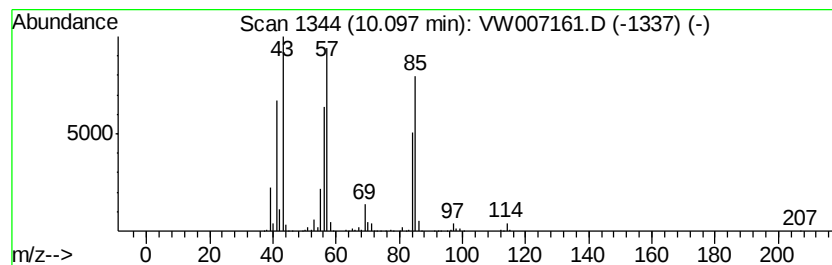
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	30.88 ug/L	4276730	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
3		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
4		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53
5		Sulfurous acid, butyl hexyl ester	222	C10H22O3S	1000309-17-3	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

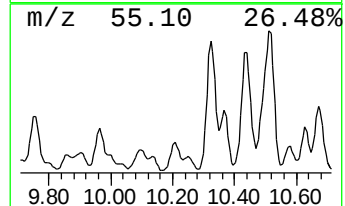
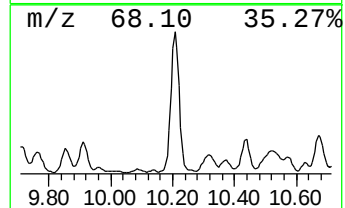
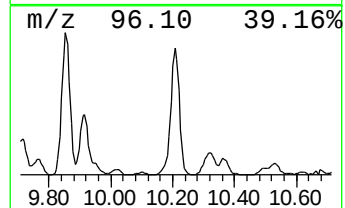
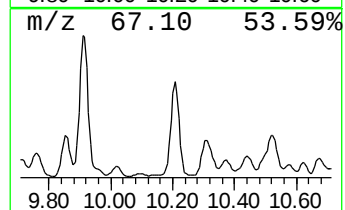
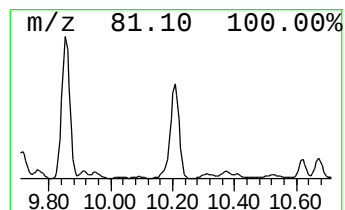
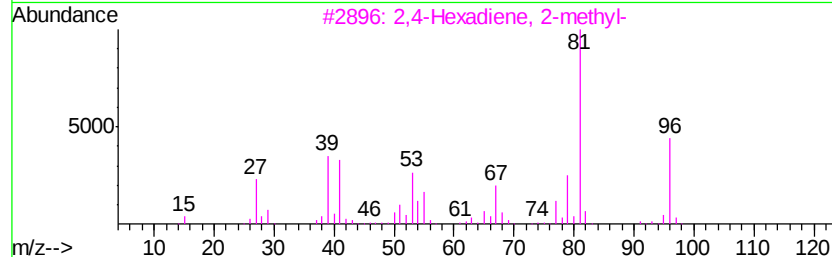
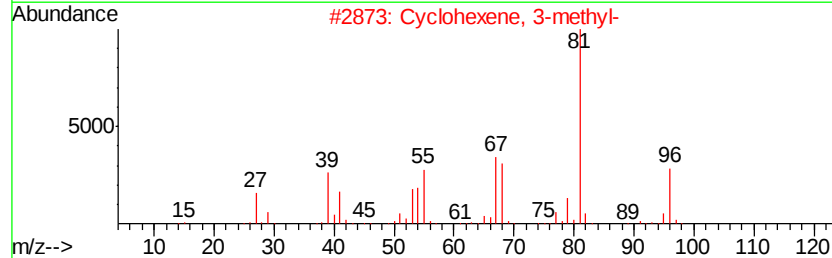
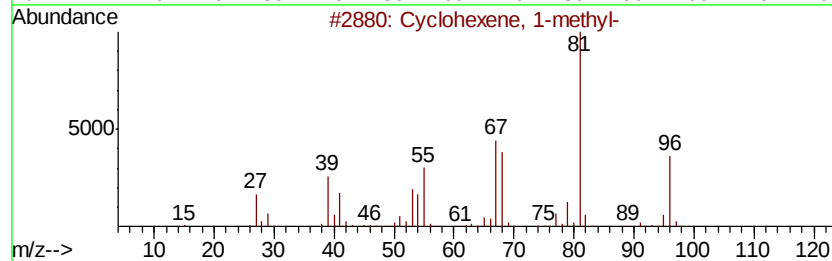
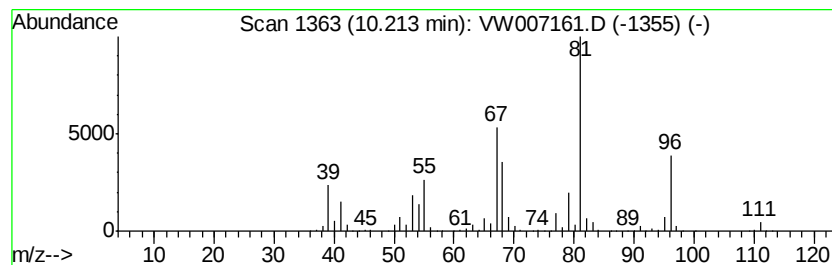
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Quant Title : VOC Analysis

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

Peak Number 29 Cyclohexene, 1-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	21.88 ug/L	3030680	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	95
2			Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	94
3			2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	93
4			Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	91
5			Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

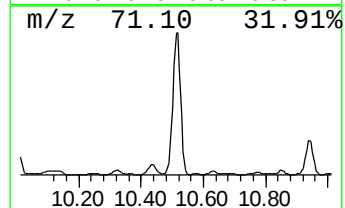
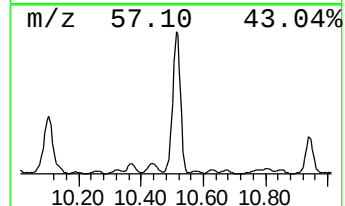
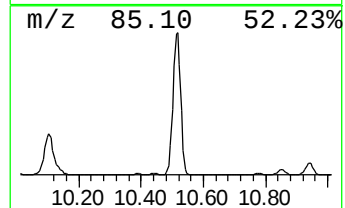
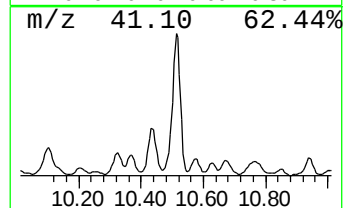
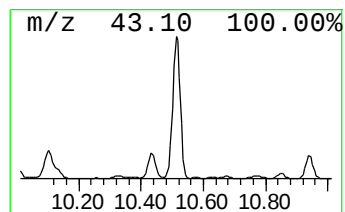
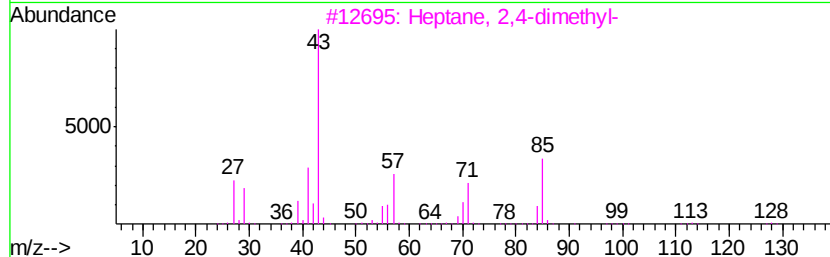
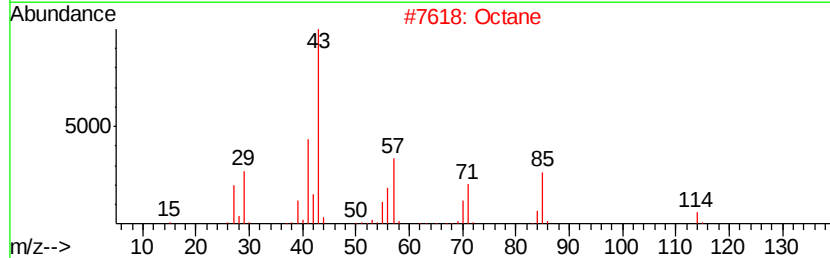
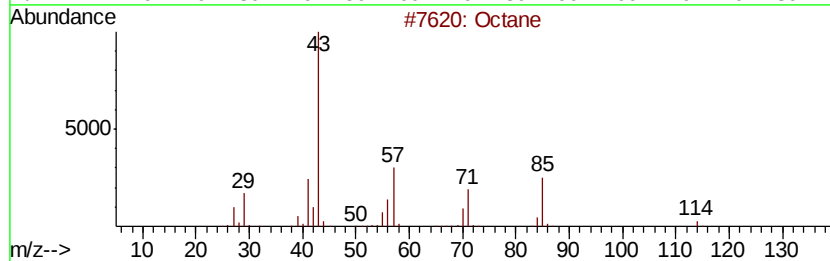
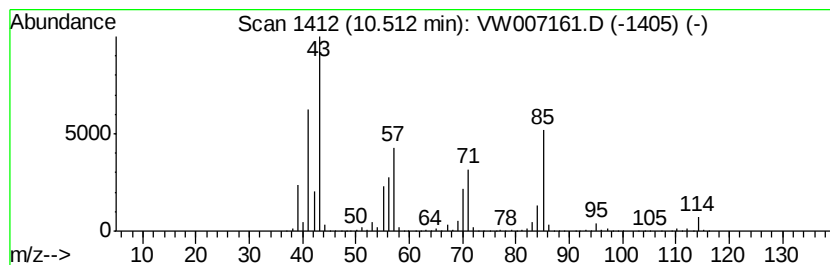
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Quant Title : VOC Analysis

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	263.36 ug/L	16840800	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane	114	C8H18	000111-65-9	87
2		Octane	114	C8H18	000111-65-9	87
3		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
4		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
5		Octane	114	C8H18	000111-65-9	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

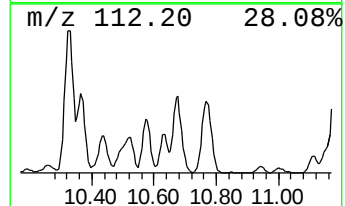
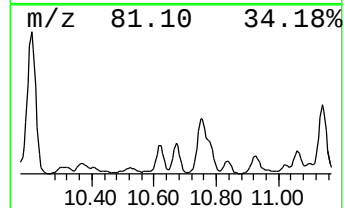
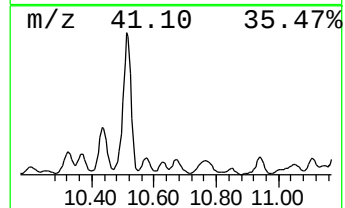
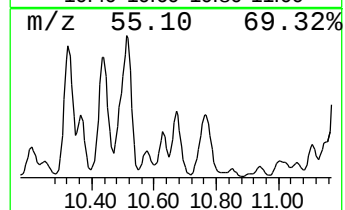
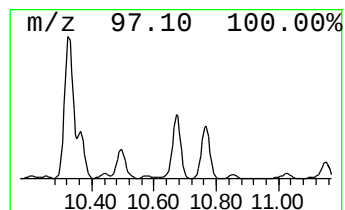
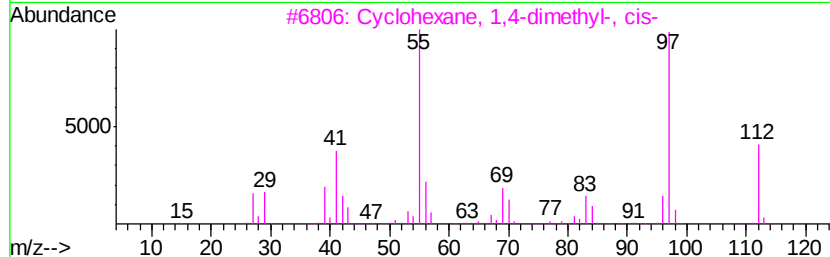
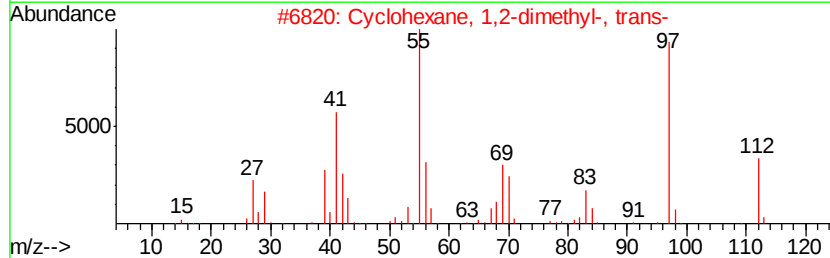
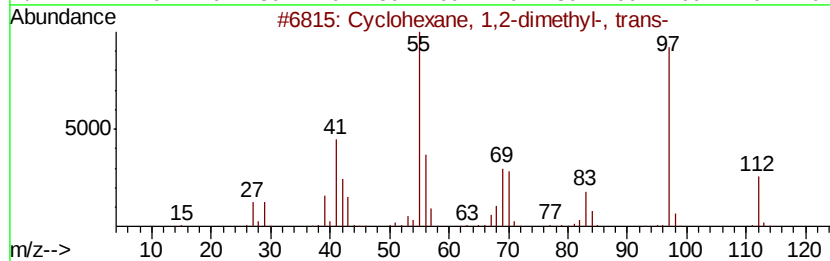
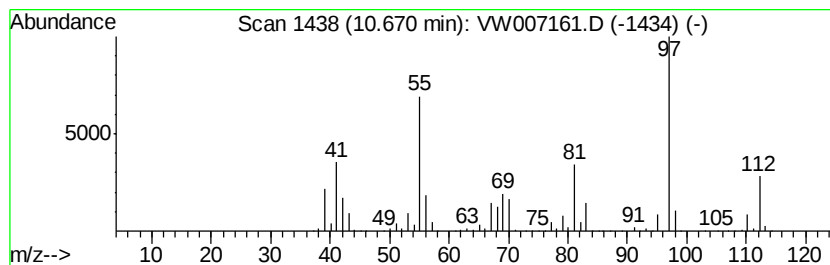
Instrument :
MSVOA_W
ClientSampleId :
F9Y41

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

Peak Number 31 (DEL) Alkane: Cyclic10.67 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.67	39.40 ug/L	2519390	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	90
2		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	90
3		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	87
4		Cyclohexane, 1,2-dimethyl-, (cis/...	112	C8H16	000583-57-3	87
5		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

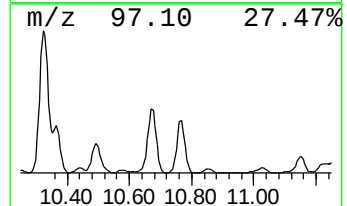
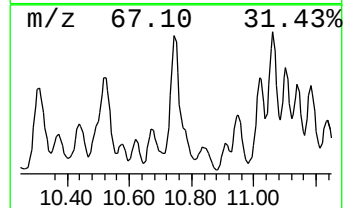
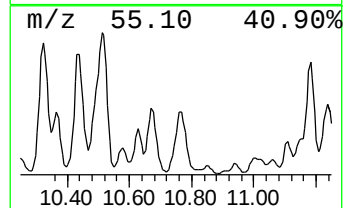
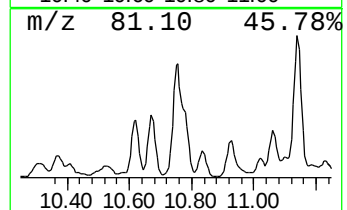
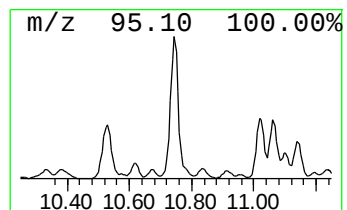
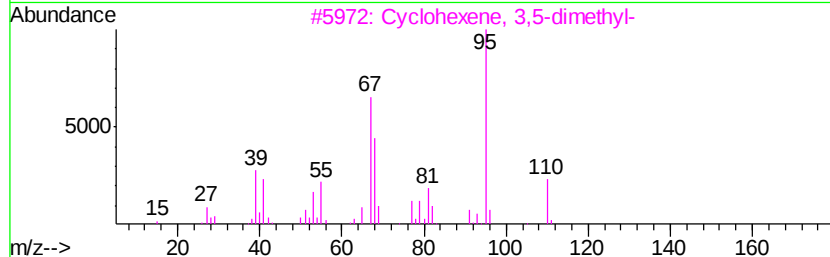
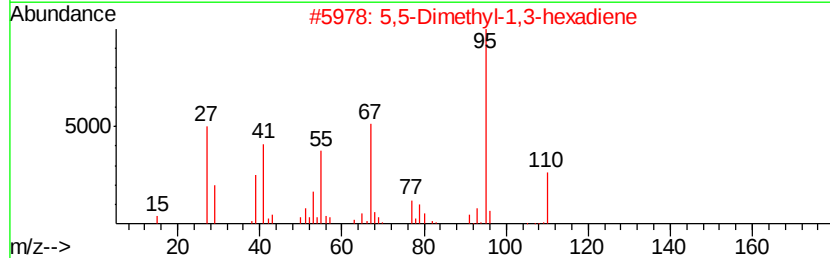
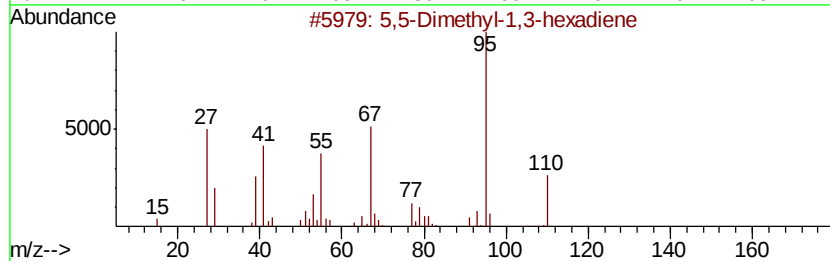
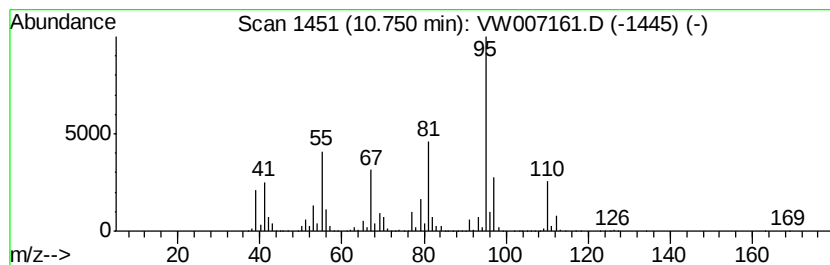
Instrument :
MSVOA_W
ClientSampleId :
F9Y41

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

Peak Number 32 5,5-Dimethyl-1,3-hexadiene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.75	72.35 ug/L	4626430	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	81	
2	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	68	
3	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	62	
4	trans-3,5-Dimethylcyclohexene	110	C8H14	056021-63-7	62	
5	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	59	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

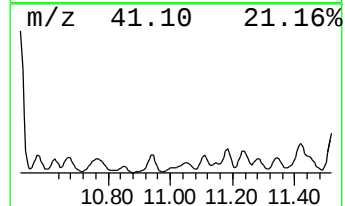
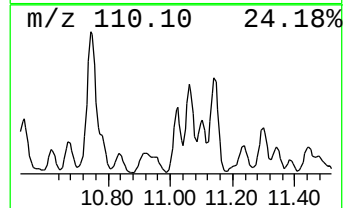
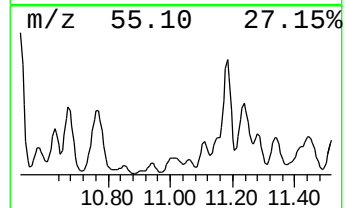
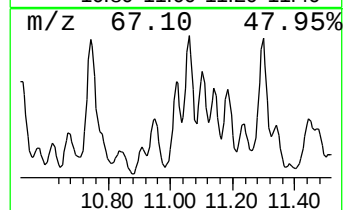
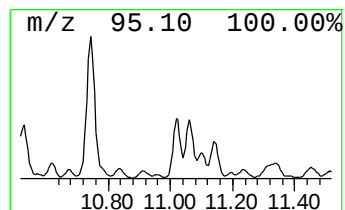
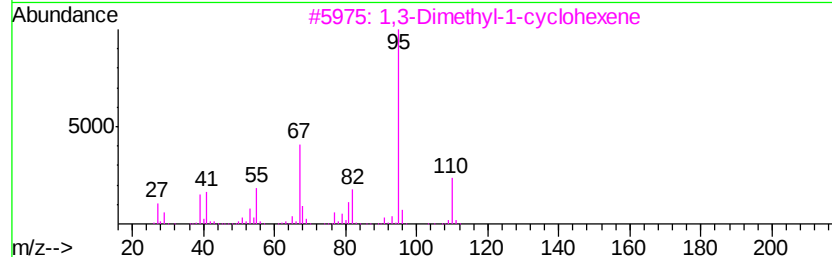
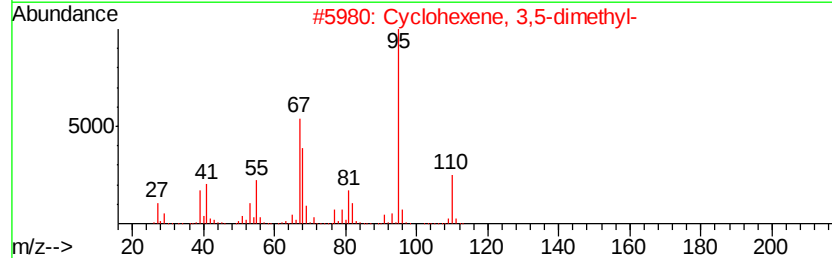
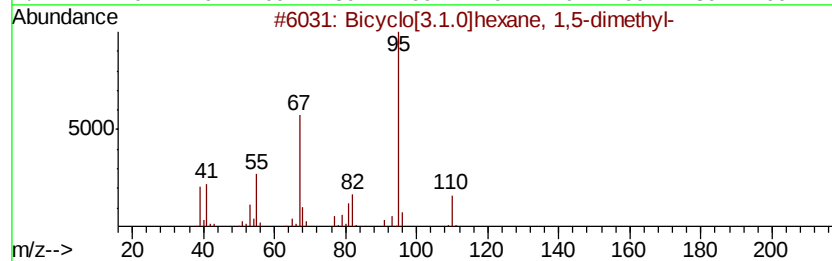
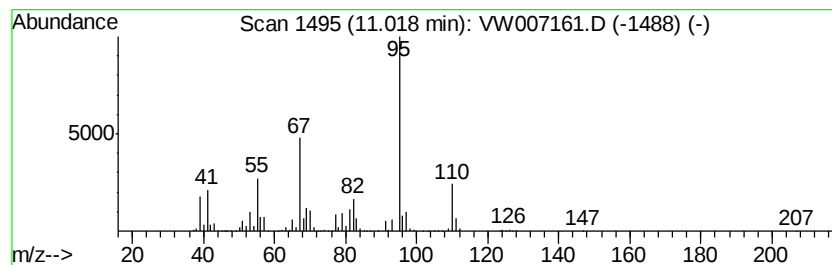
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Quant Title : VOC Analysis

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

Peak Number 33 Bicyclo[3.1.0]hexane, 1,5-d... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	24.97 ug/L	1596410	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	87
2		Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	81
3		1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	81
4		Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	74
5		1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	74



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

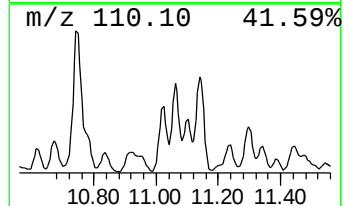
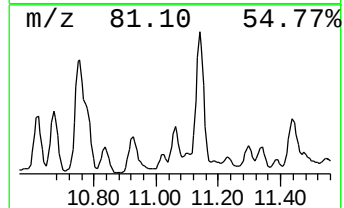
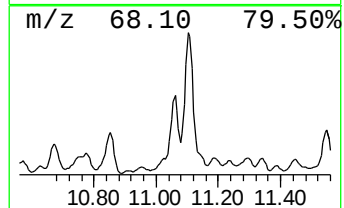
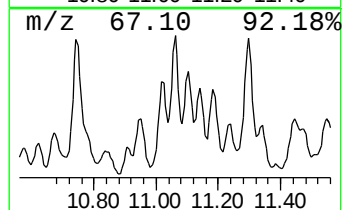
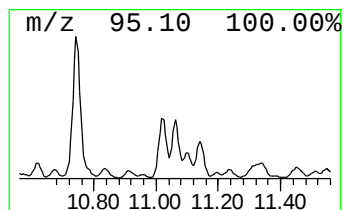
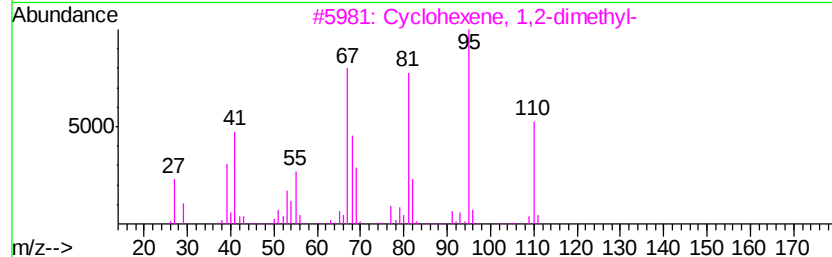
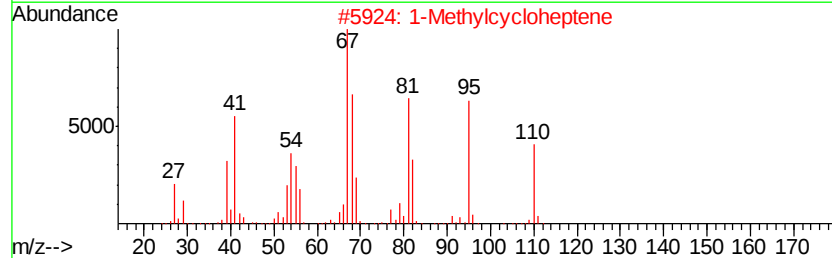
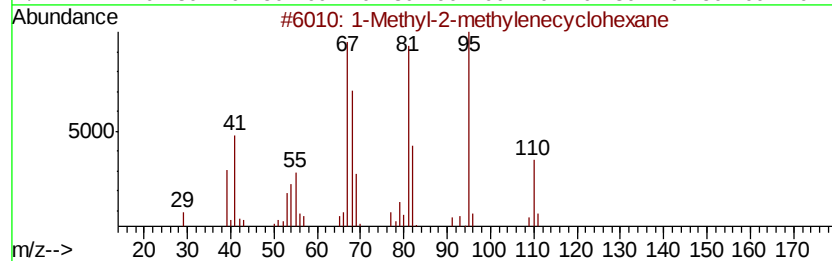
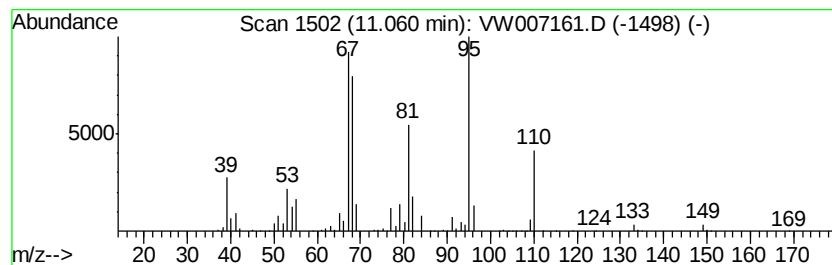
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Quant Title : VOC Analysis

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

Peak Number 34 1-Methyl-2-methylenecyclohe... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	16.53 ug/L	1056850	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	86
2		1-Methylcycloheptene	110	C8H14	055308-20-8	72
3		Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	64
4		trans-3,5-Dimethylcyclohexene	110	C8H14	056021-63-7	62
5		1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

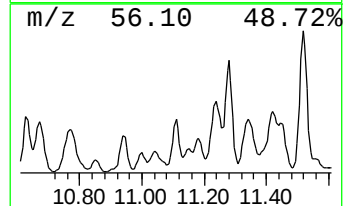
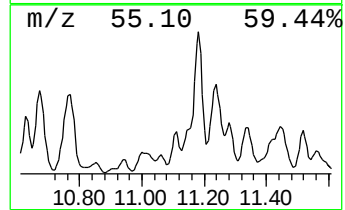
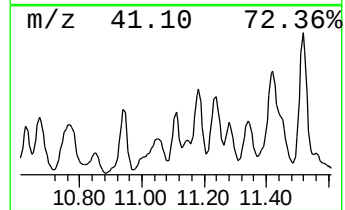
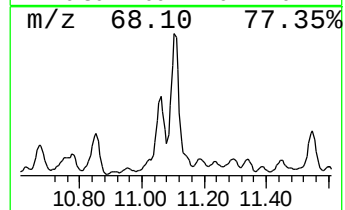
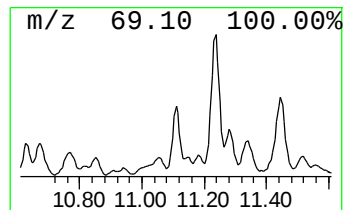
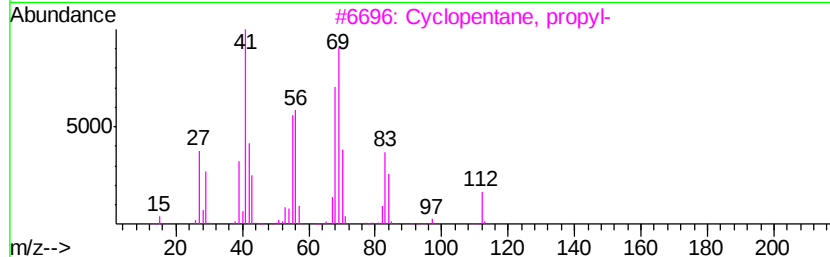
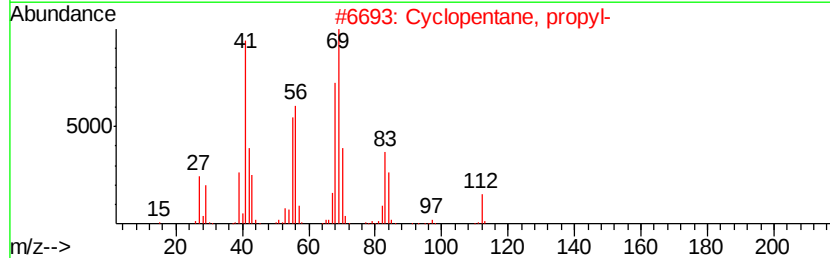
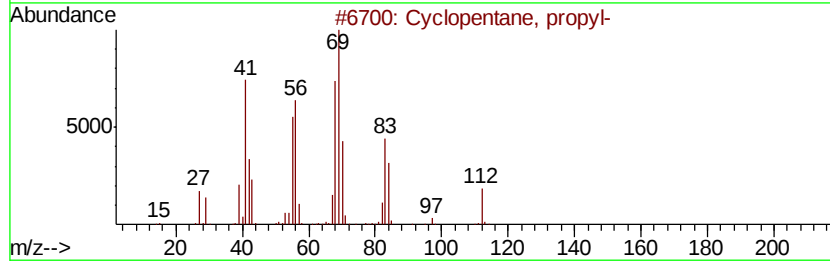
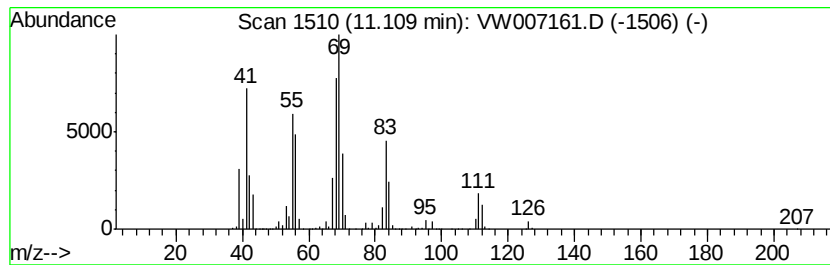
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Quant Title : VOC Analysis

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

Peak Number 35 (DEL) Alkane: Cyclic11.11 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	24.61 ug/L	1573780	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, propyl-	112	C8H16	002040-96-2	81
2		Cyclopentane, propyl-	112	C8H16	002040-96-2	64
3		Cyclopentane, propyl-	112	C8H16	002040-96-2	64
4		4-Heptenal, (E)-	112	C7H12O	000929-22-6	49
5		Cyclohexanone, 2-methyl-	112	C7H12O	000583-60-8	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

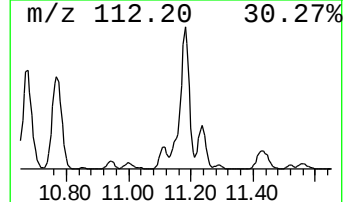
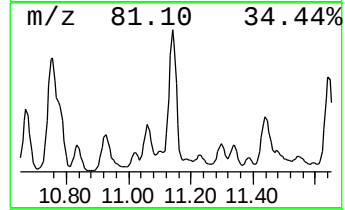
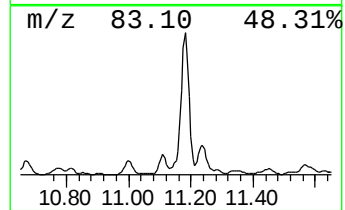
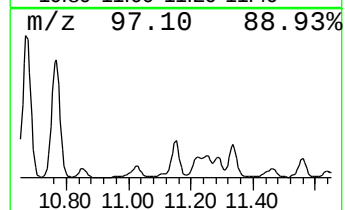
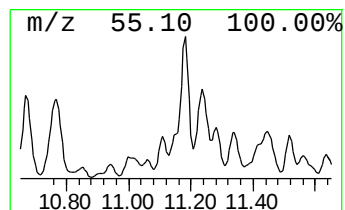
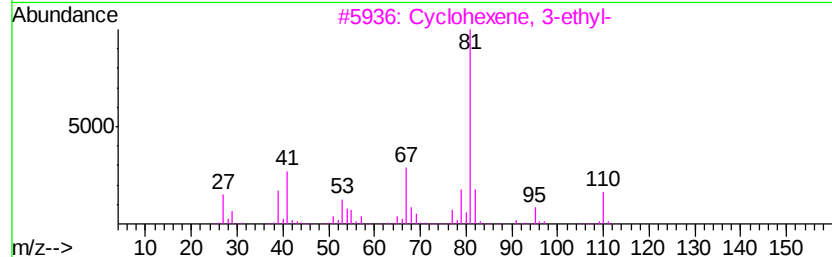
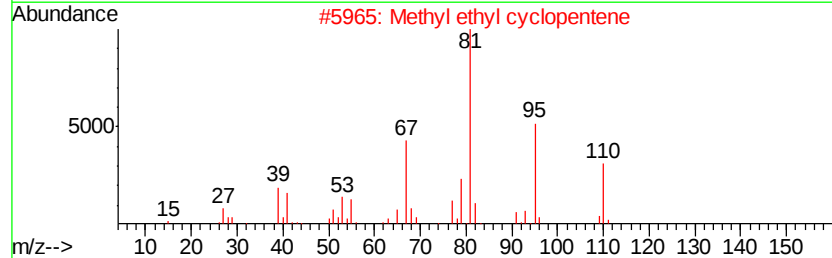
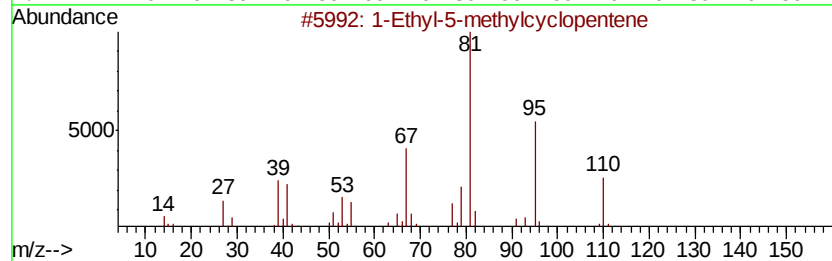
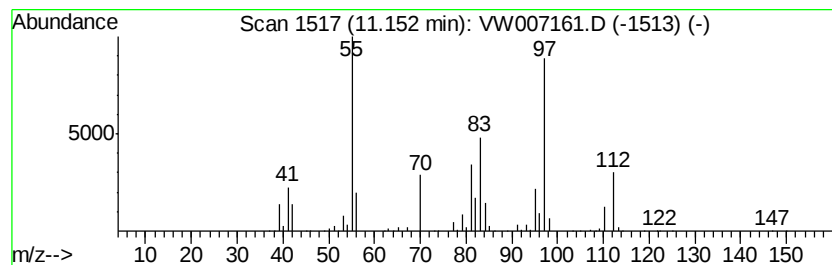
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Quant Title : VOC Analysis

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

Peak Number 36 1-Ethyl-5-methylcyclopentene Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	17.37 ug/L	1110700	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-5-methylcvclopentene	110	C8H14	097797-57-4	60
2			Methyl ethyl cyclopentene	110	C8H14	019780-56-4	53
3			Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	38
4			Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	35
5			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

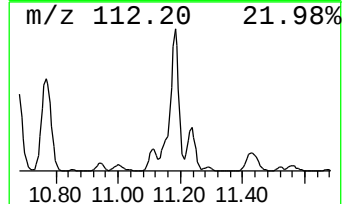
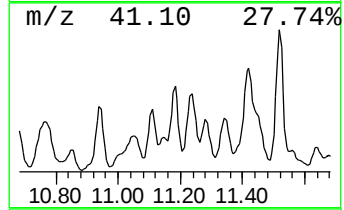
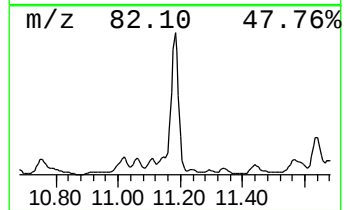
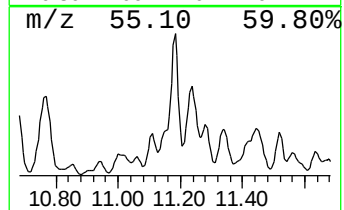
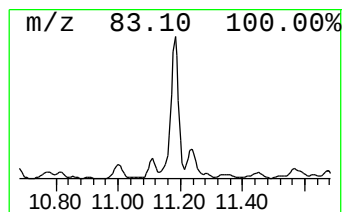
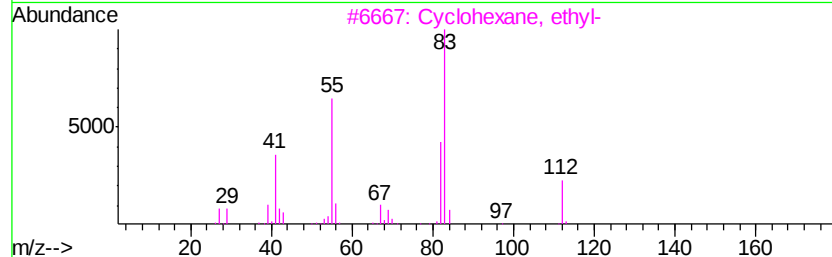
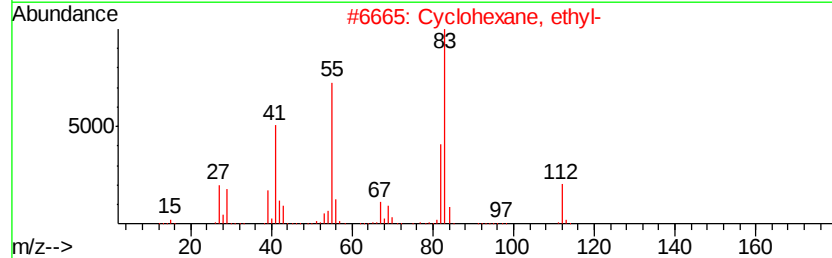
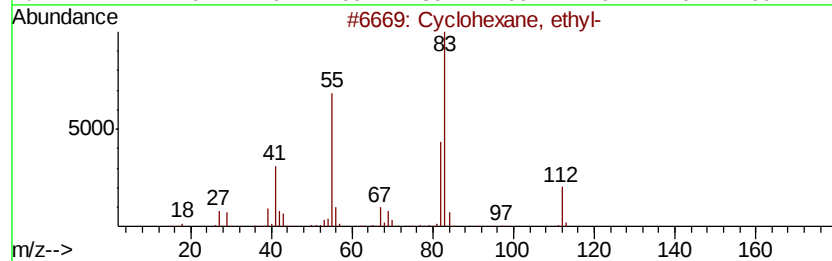
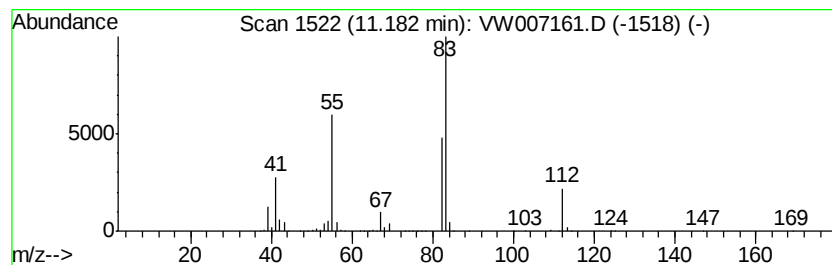
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Quant Title : VOC Analysis

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	38.04 ug/L	2432520	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
2		Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
3		Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
5		Cyclohexane, ethyl-	112	C8H16	001678-91-7	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

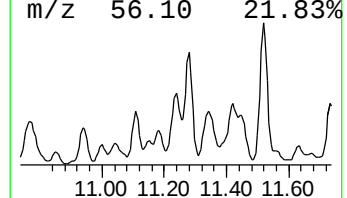
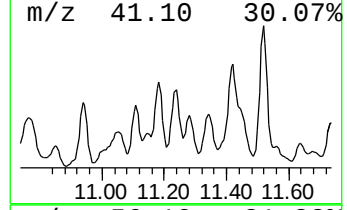
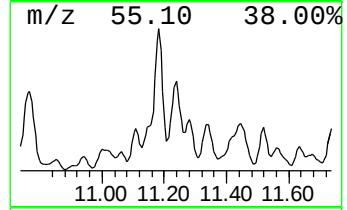
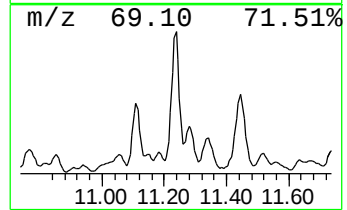
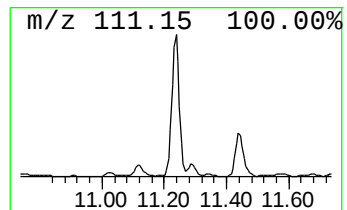
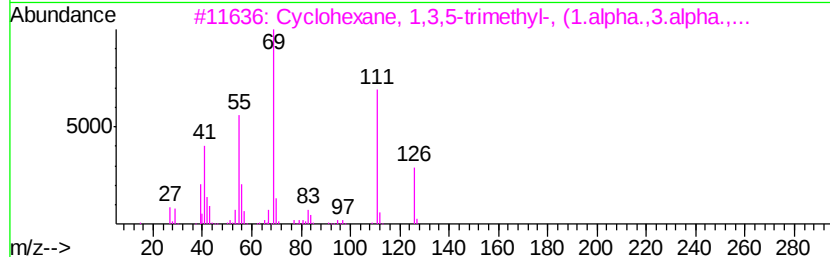
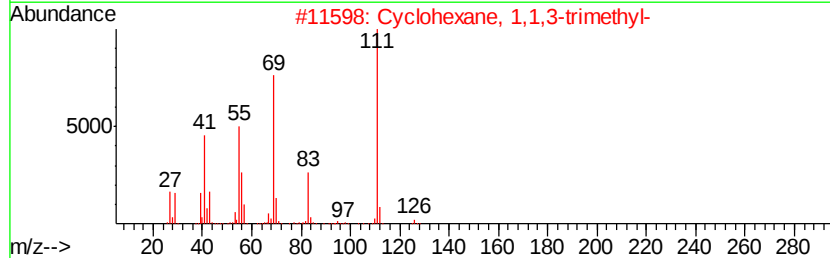
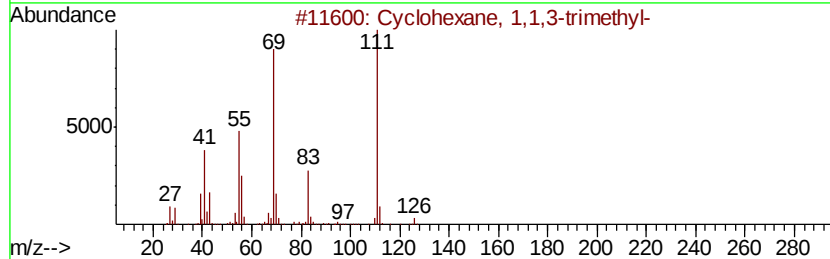
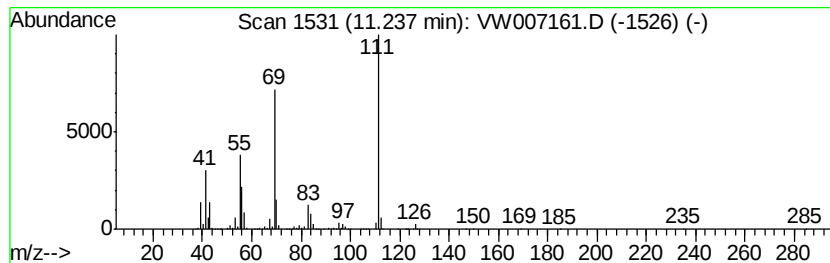
Instrument :
MSVOA_W
ClientSampleId :
F9Y41

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

Peak Number 38 (DEL) Alkane: Cyclic11.24 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.24	44.23 ug/L	2828460	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
2		Cvclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
3		Cvclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	64
4		Cvclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	53
5		p-Fluoroaniline	111	C6H6FN	000371-40-4	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

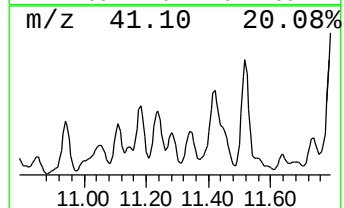
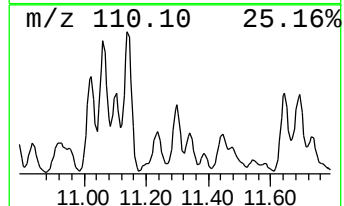
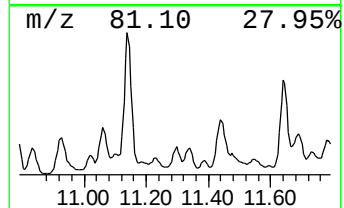
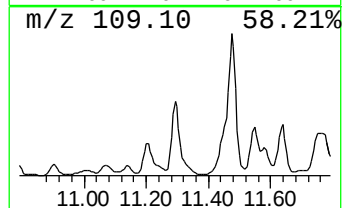
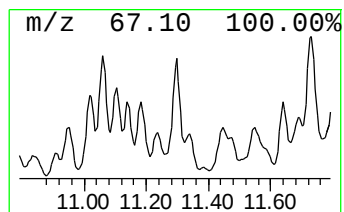
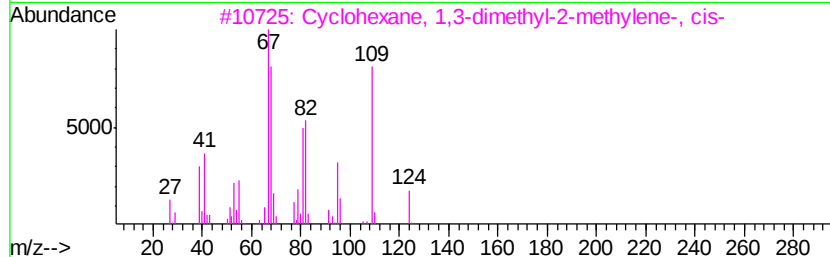
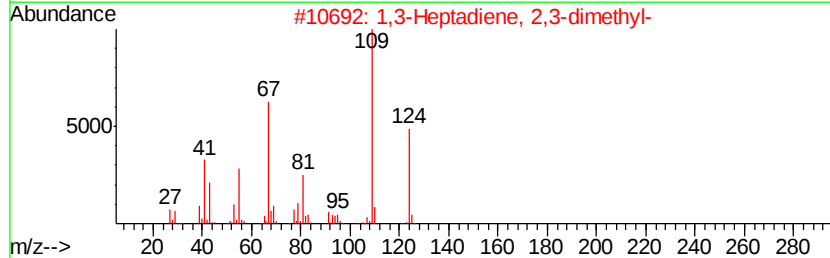
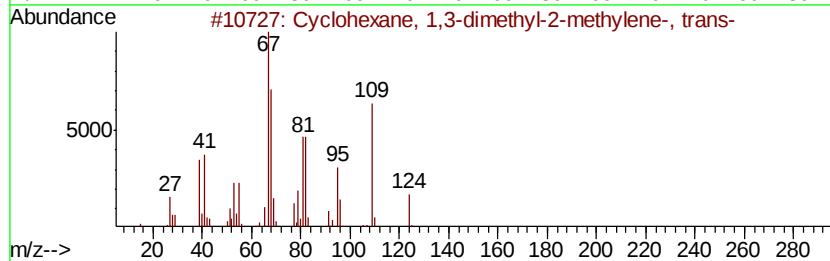
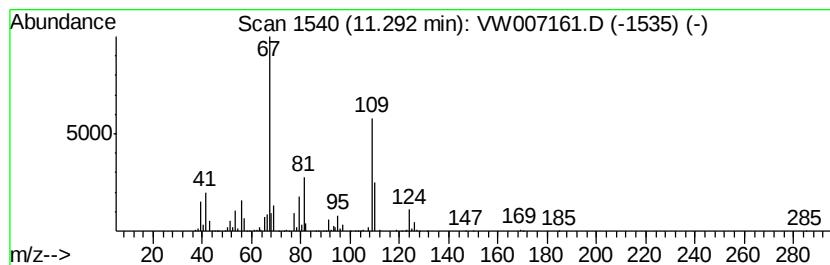
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Quant Title : VOC Analysis

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

Peak Number 39 unknown-01 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	18.18 ug/L	1162230	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	020348-74-7	43
2		1,3-Heptadiene, 2,3-dimethyl-	124	C9H16	074779-65-0	43
3		Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	019781-47-6	43
4		1,3-Hexadiene, 2,3,5-trimethyl-	124	C9H16	061142-34-5	38
5		3,3,5,5-Tetramethylcyclopentene	124	C9H16	038667-10-6	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

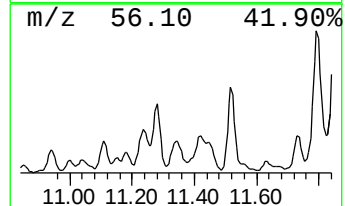
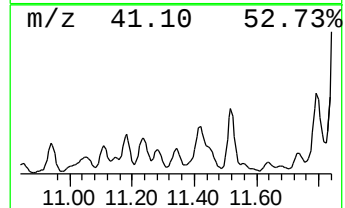
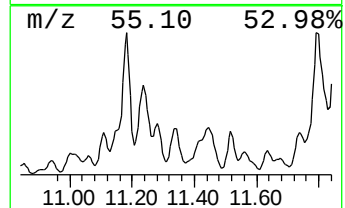
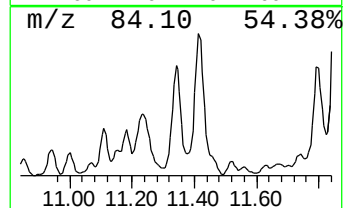
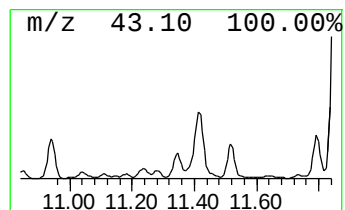
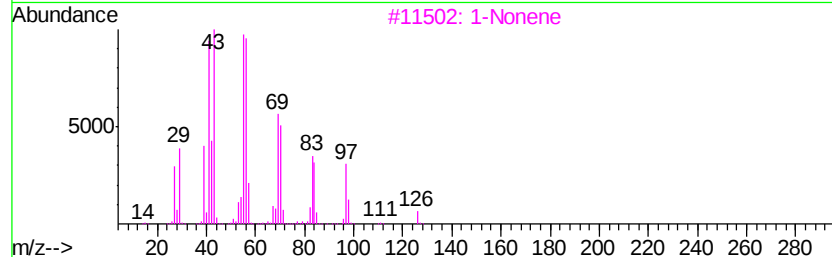
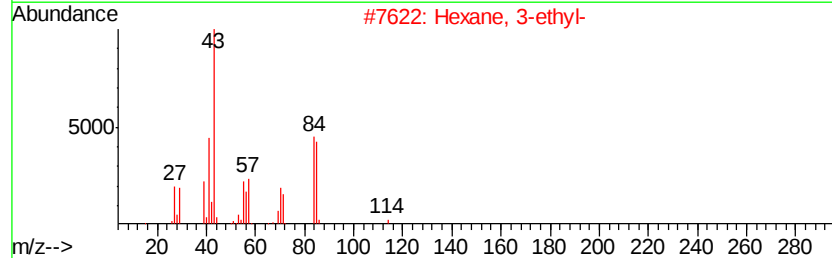
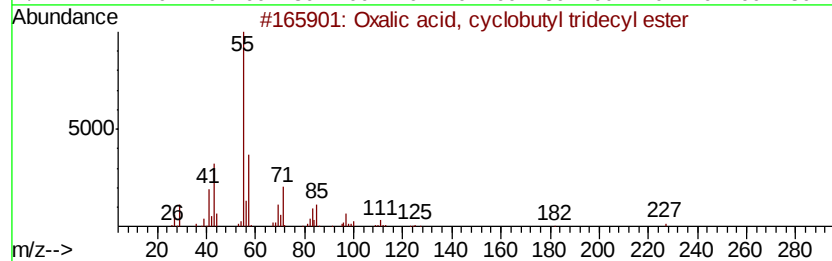
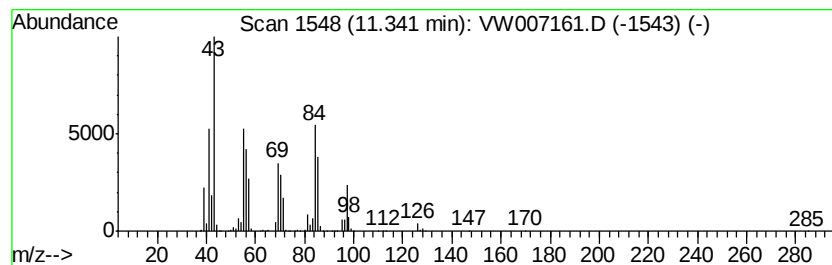
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

Peak Number 40 Oxalic acid, cyclobutyl tri... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.34	25.38 ug/L	1622720	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oxalic acid, cyclobutyl tridecyl...	326	C19H34O4	1000309-70-4	53
2		Hexane, 3-ethyl-	114	C8H18	000619-99-8	46
3		1-Nonene	126	C9H18	000124-11-8	46
4		2-Methylpentyl propyl carbonate	188	C10H20O3	1000372-82-5	43
5		2-Amino-oxazole	84	C3H4N2O	004570-45-0	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

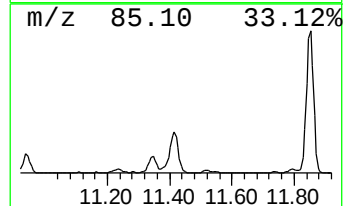
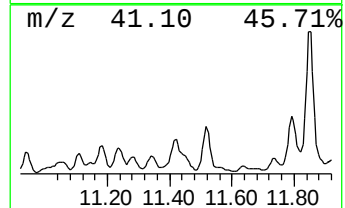
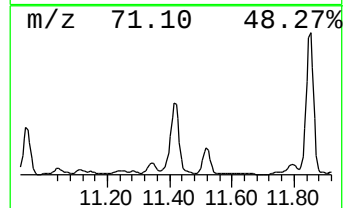
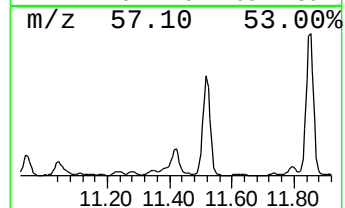
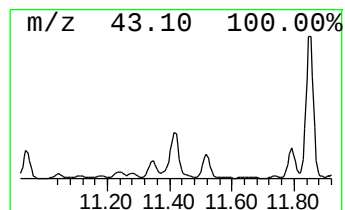
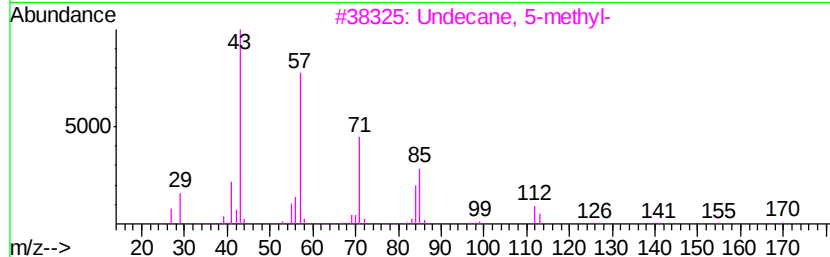
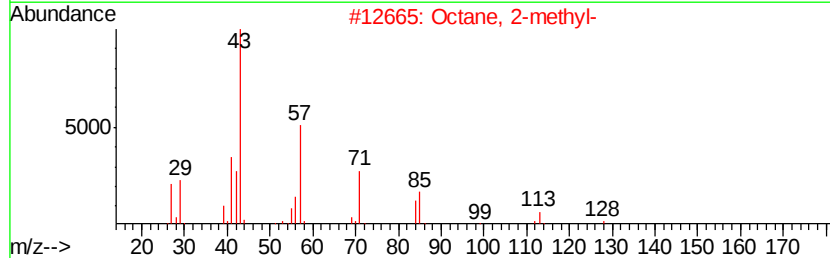
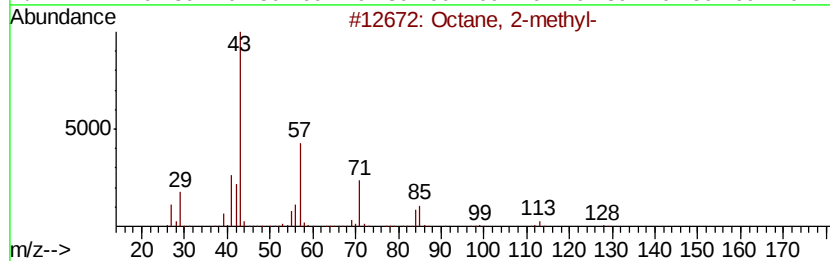
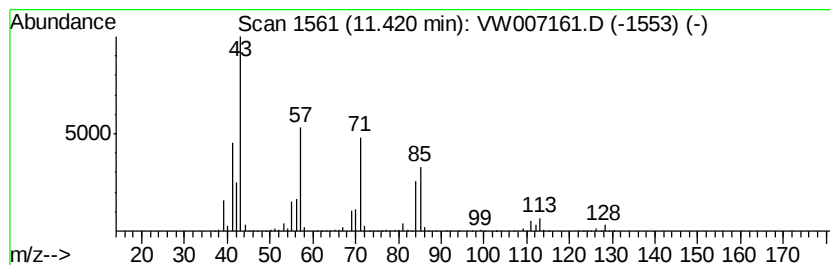
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Quant Title : VOC Analysis

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	84.76 ug/L	5420050	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2-methyl-	128	C9H20	003221-61-2	87
2		Octane, 2-methyl-	128	C9H20	003221-61-2	83
3		Undecane, 5-methyl-	170	C12H26	001632-70-8	50
4		Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	50
5		Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

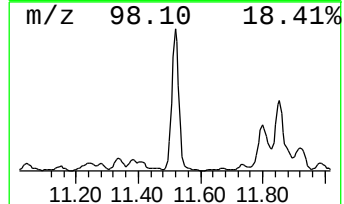
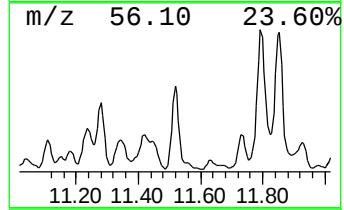
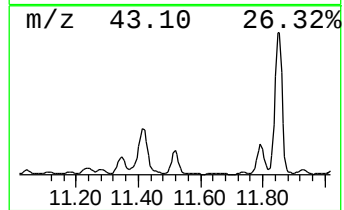
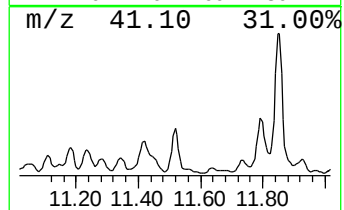
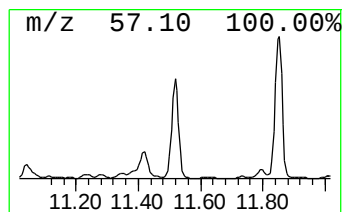
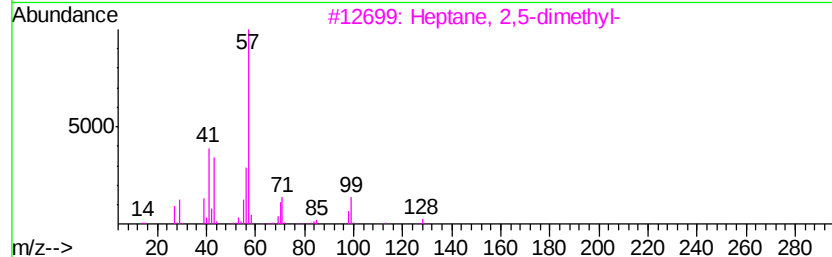
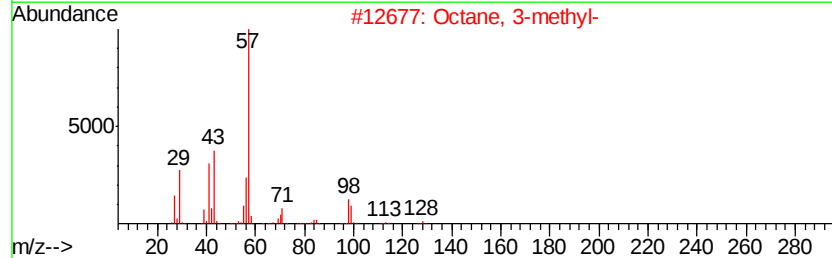
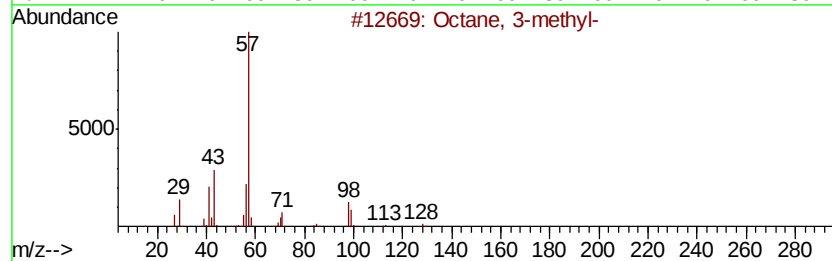
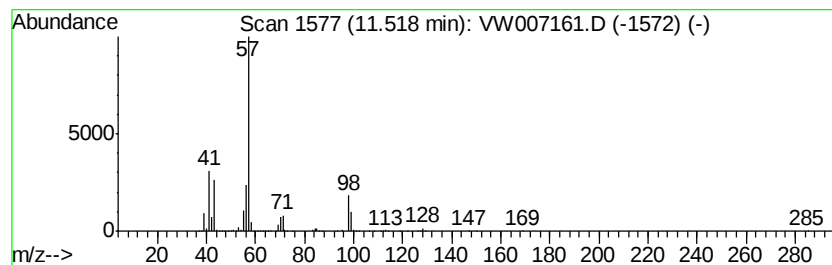
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Quant Title : VOC Analysis

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

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	60.50 ug/L	3868860	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	90
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
4		Octane, 3-methyl-	128	C9H20	002216-33-3	74
5		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	74



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

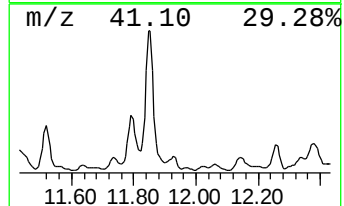
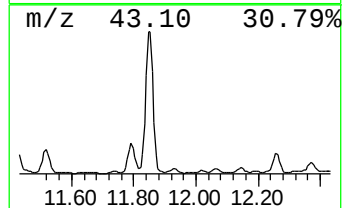
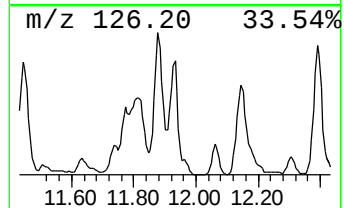
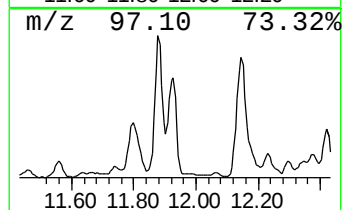
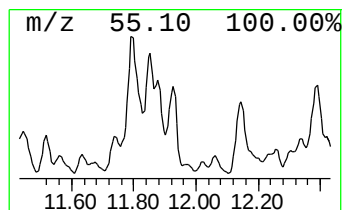
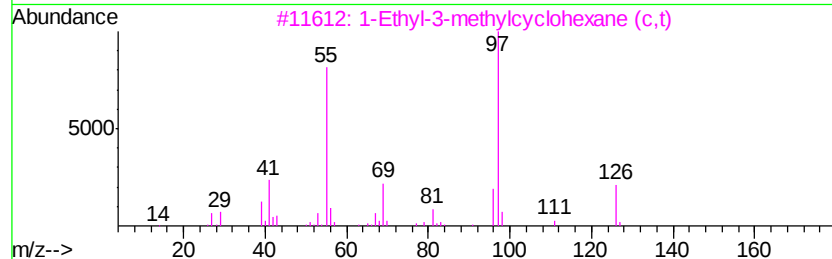
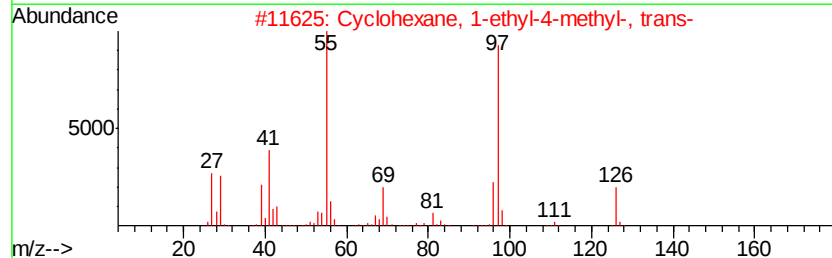
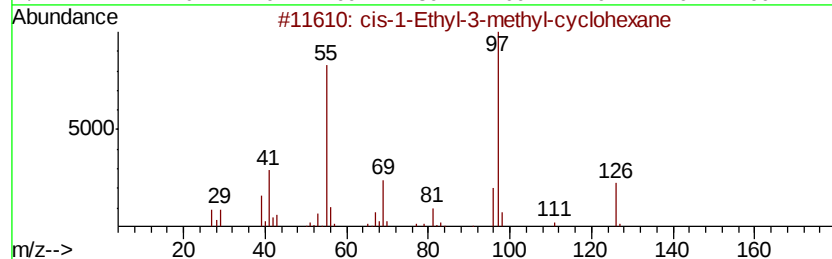
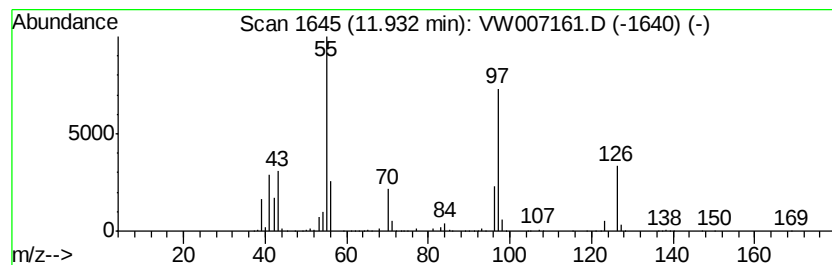
Instrument :
MSVOA_W
ClientSampleId :
F9Y41

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

Peak Number 43 (DEL) Alkane: Cyclic11.93 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.93	26.98 ug/L	1724960	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	72
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	72
3		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64
5		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

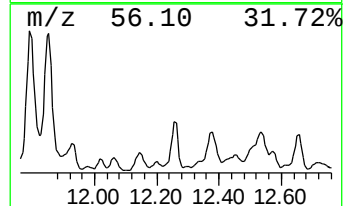
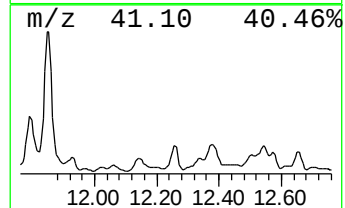
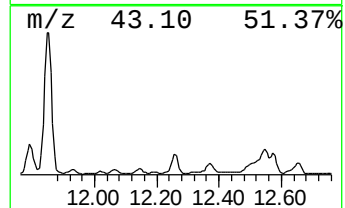
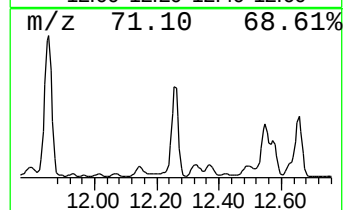
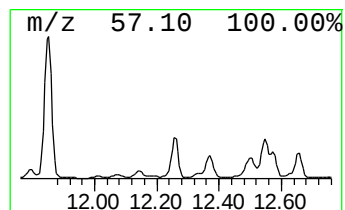
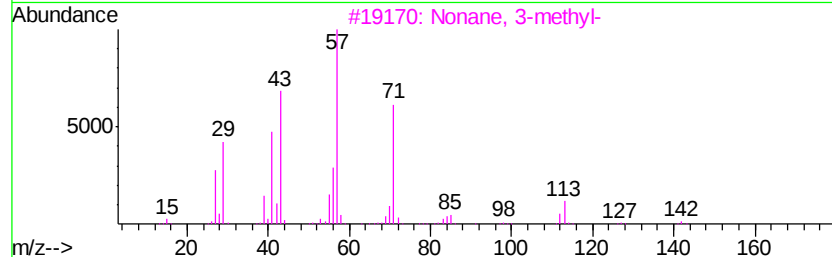
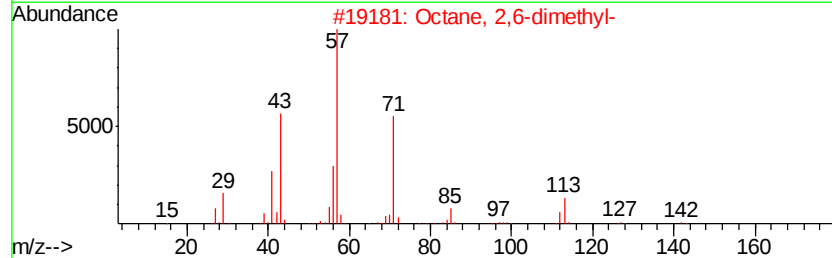
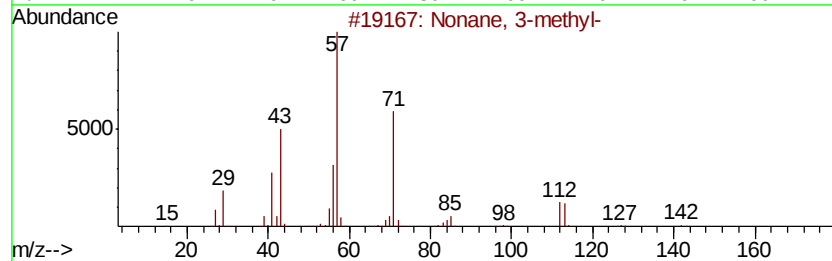
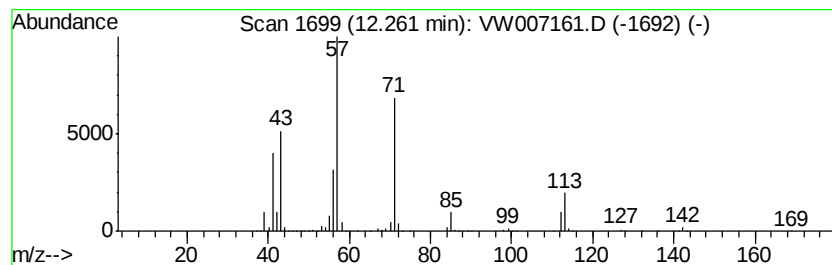
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Quant Title : VOC Analysis

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	39.72 ug/L	2540040	Chlorobenzene-d5	11.63

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

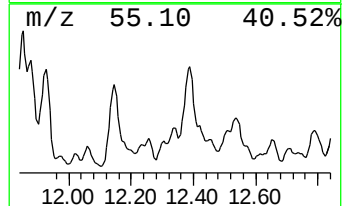
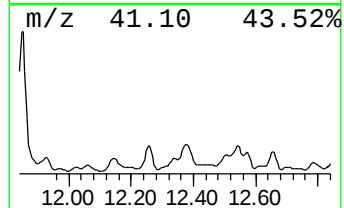
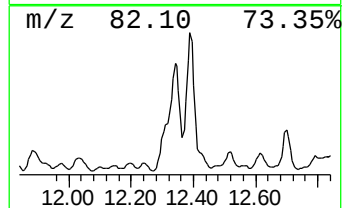
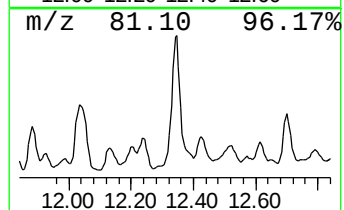
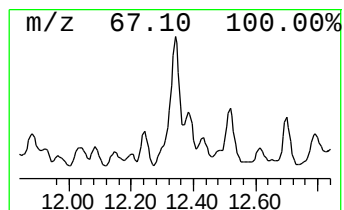
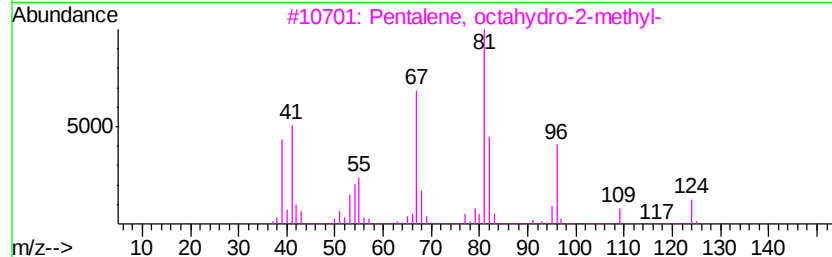
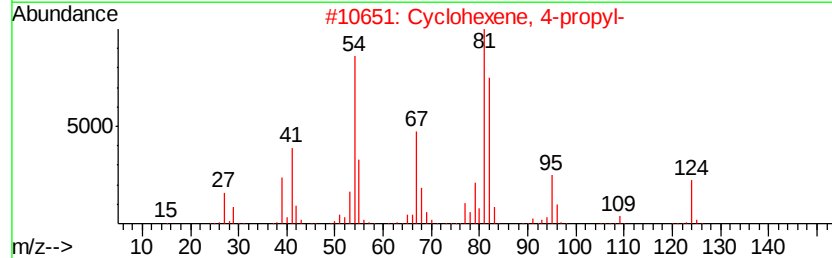
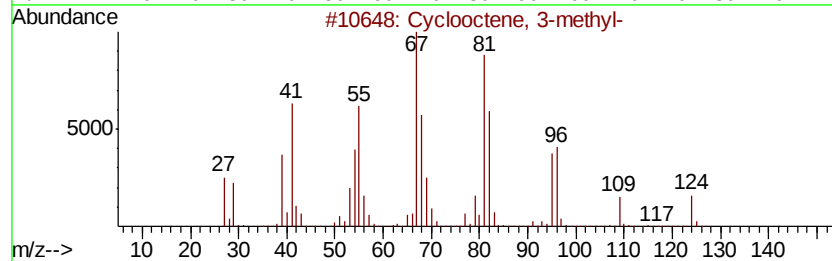
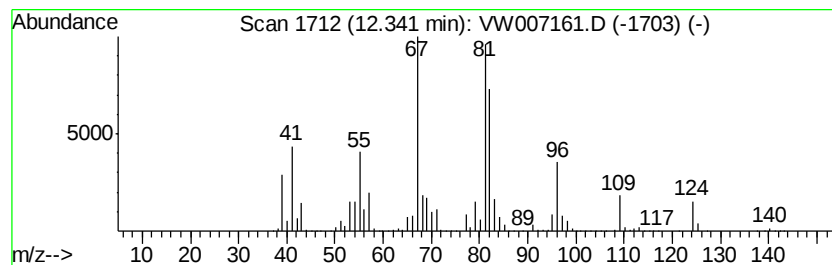
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Quant Title : VOC Analysis

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

Peak Number 45 Cyclooctene, 3-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	37.32 ug/L	2386360	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	91
2		Cyclohexene, 4-propyl-	124	C9H16	013487-64-4	64
3		Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	53
4		3-Octyne, 2-methyl-	124	C9H16	055402-15-8	49
5		1-Heptadecyne	236	C17H32	026186-00-5	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

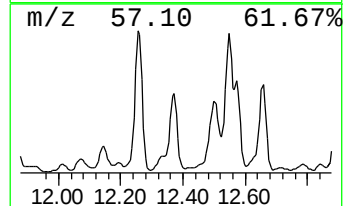
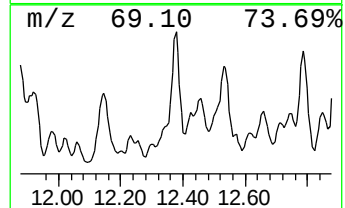
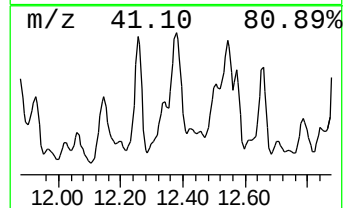
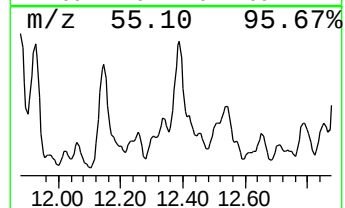
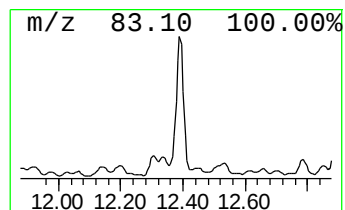
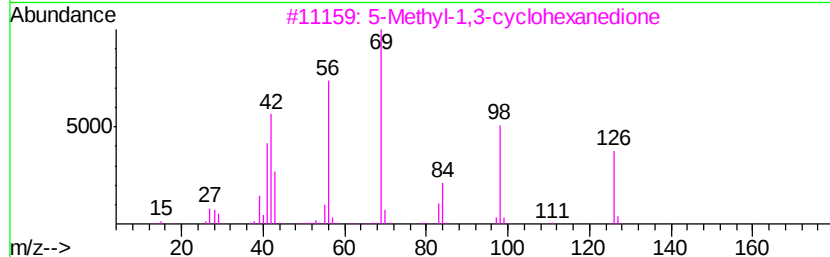
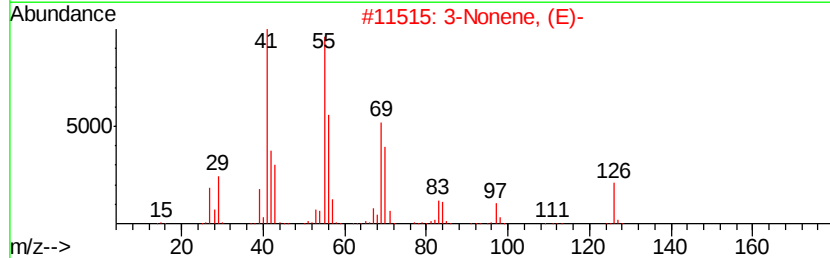
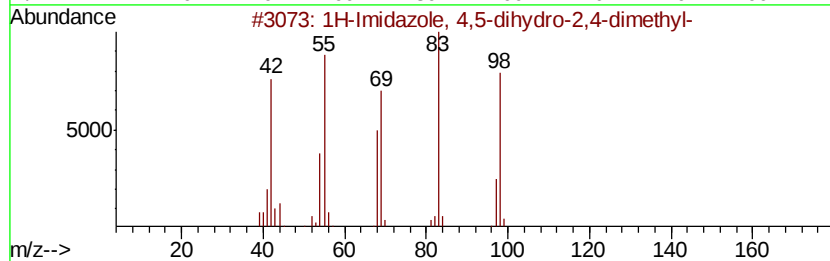
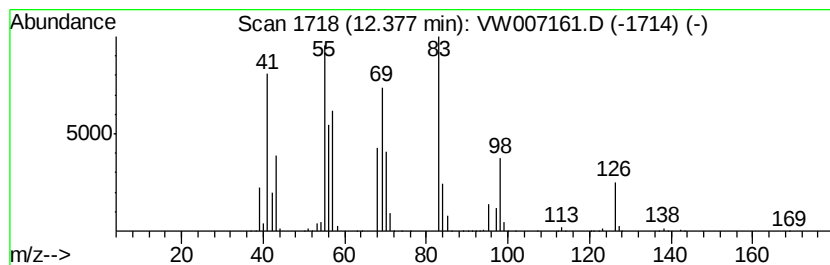
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Quant Title : VOC Analysis

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

Peak Number 46 1H-Imidazole, 4,5-dihydro-2... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	45.78 ug/L	2927530	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Imidazole, 4,5-dihydro-2,4-di...	98	C5H10N2	000930-61-0	50
2		3-Nonene, (E)-	126	C9H18	020063-92-7	49
3		5-Methyl-1,3-cyclohexanedione	126	C7H10O2	004341-24-6	43
4		2,3-Dimethyl-3-heptene, (Z)-	126	C9H18	059643-73-1	43
5		Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
F9Y41

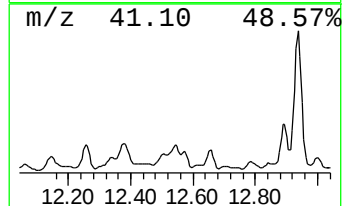
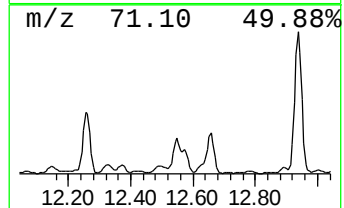
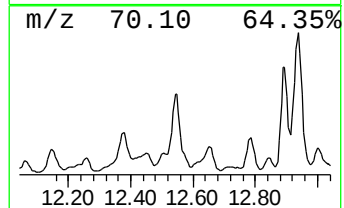
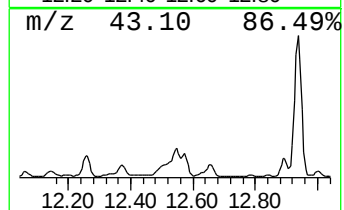
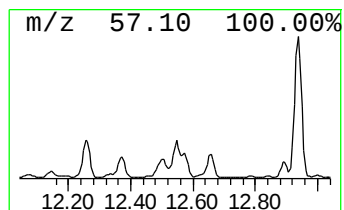
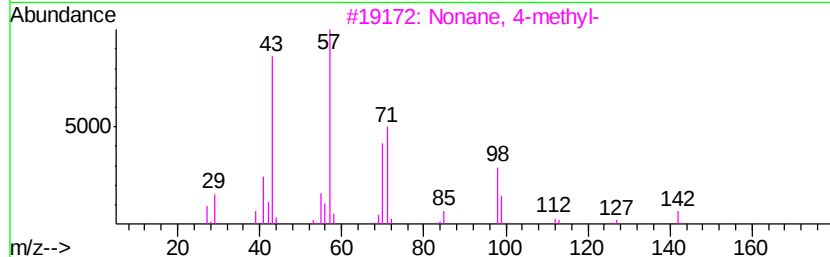
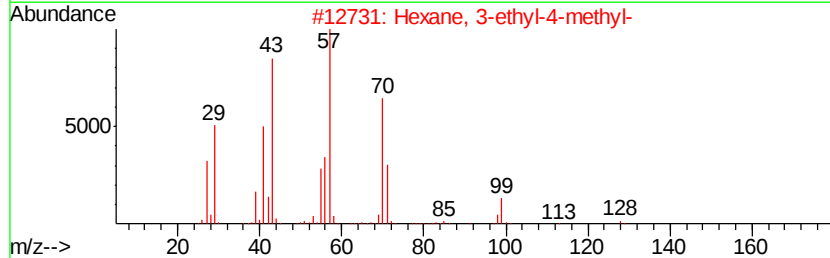
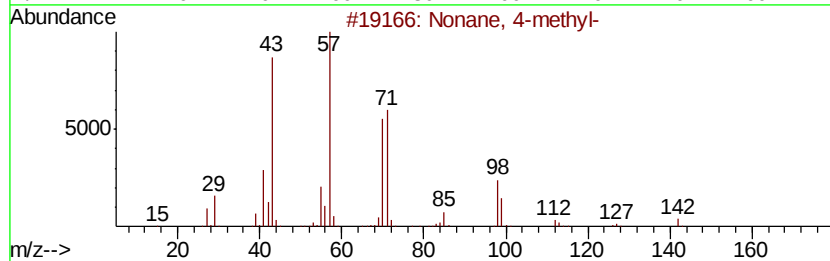
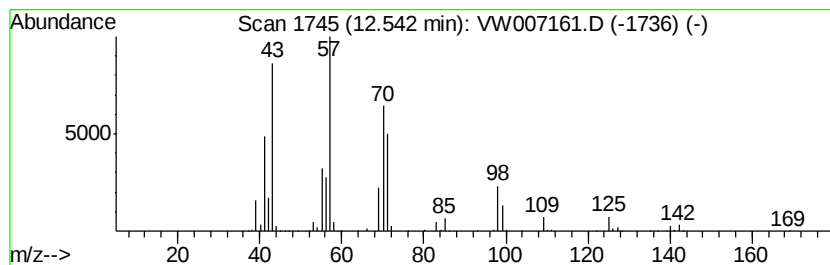
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Quant Title : VOC Analysis

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

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	57.09 ug/L	3650770	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4-methyl-	142	C10H22	017301-94-9	87
2		Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	59
3		Nonane, 4-methyl-	142	C10H22	017301-94-9	59
4		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	58
5		Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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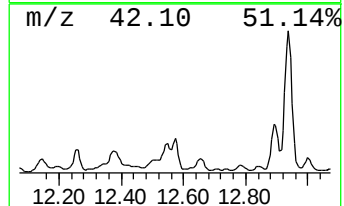
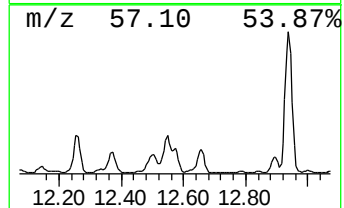
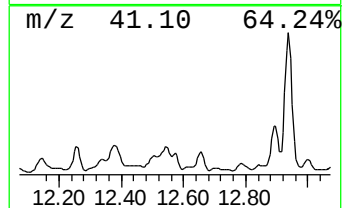
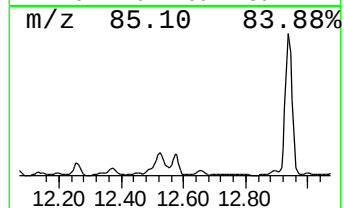
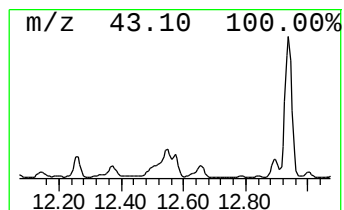
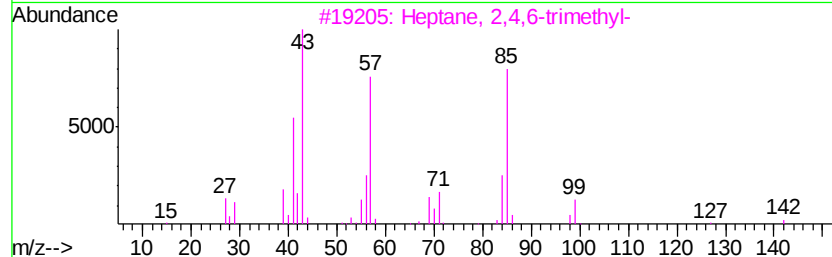
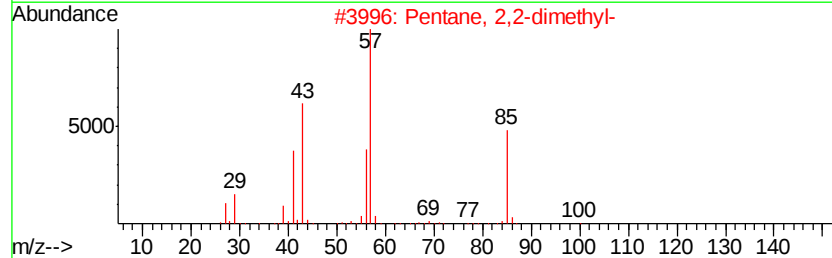
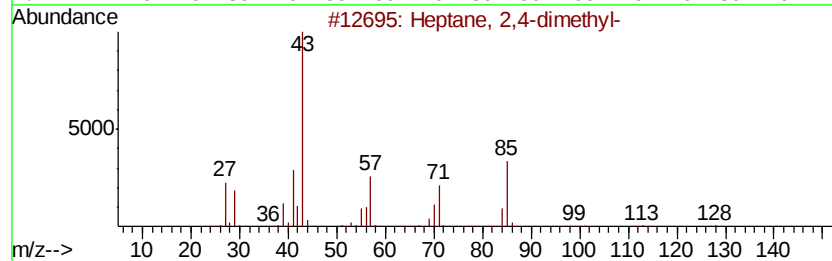
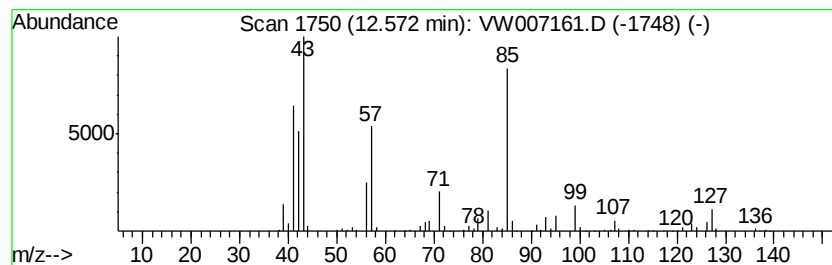
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Quant Title : VOC Analysis

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

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	18.83 ug/L	1204070	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	47
2		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	43
3		Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	42
4		Hexane, 2-iodo-	212	C6H13I	018589-27-0	40
5		2-Pyrrolidinone	85	C4H7NO	000616-45-5	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

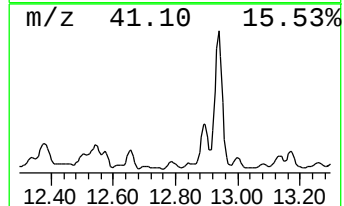
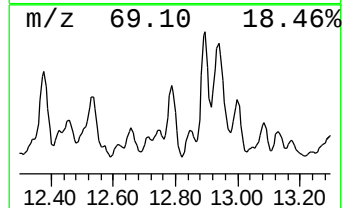
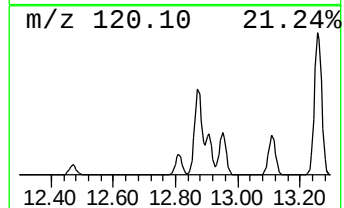
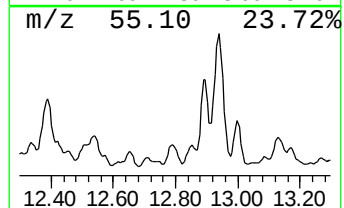
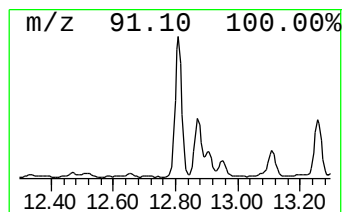
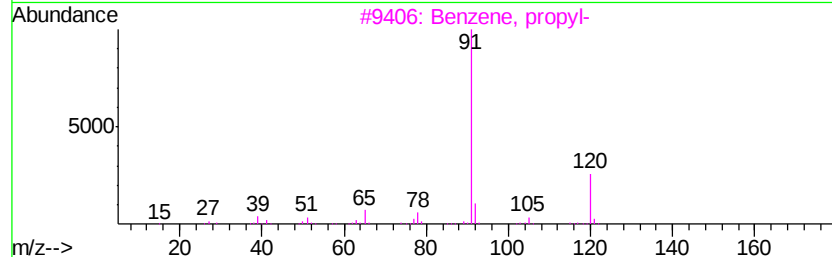
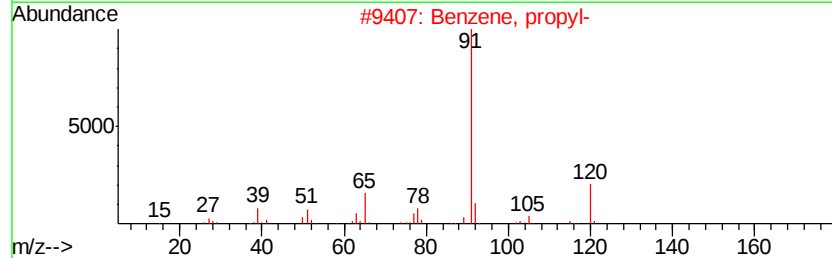
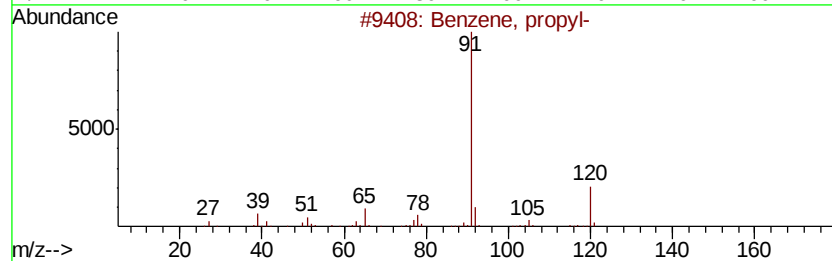
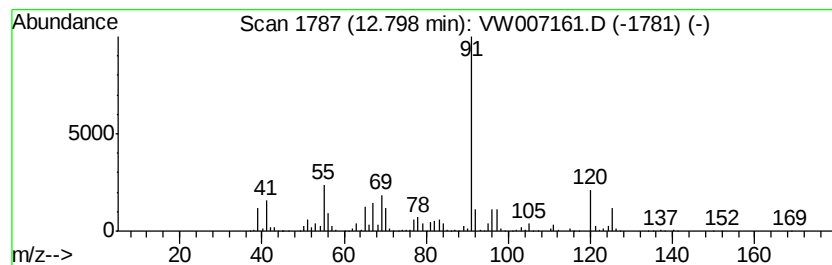
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Quant Title : VOC Analysis

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

Peak Number 49 Benzene, propyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	24.55 ug/L	2184940	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	81
2		Benzene, propyl-	120	C9H12	000103-65-1	81
3		Benzene, propyl-	120	C9H12	000103-65-1	72
4		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64
5		1-Benzylamino-2-benzylloxyethane	241	C16H19NO	038336-06-0	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

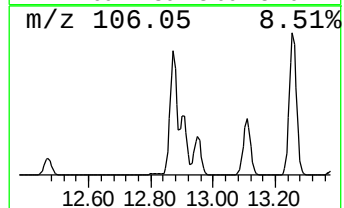
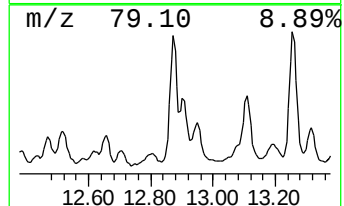
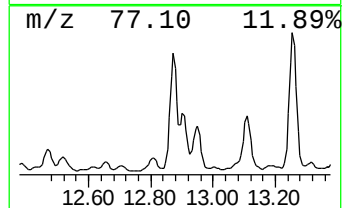
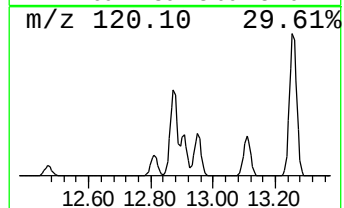
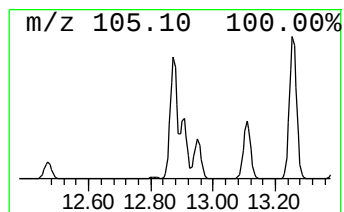
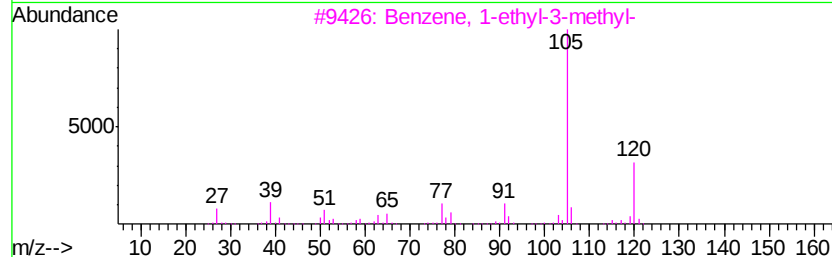
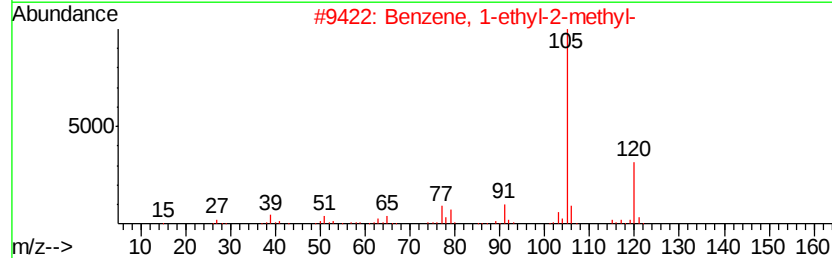
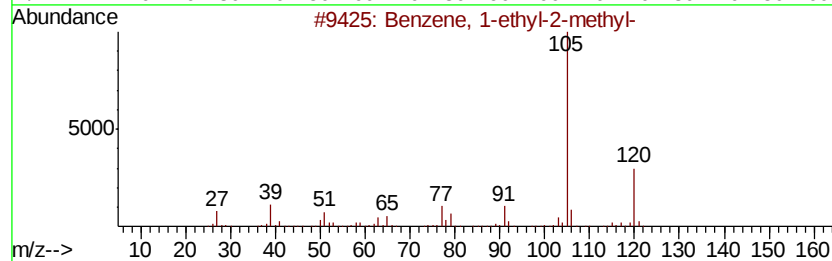
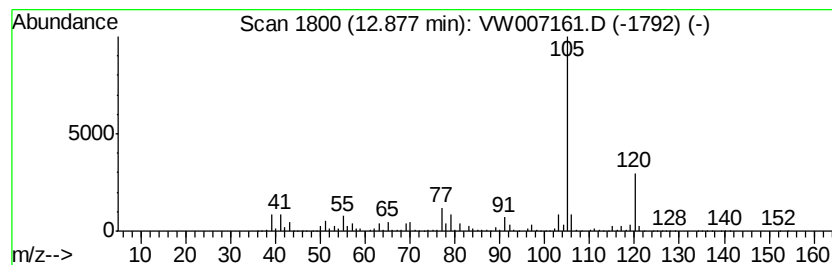
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Quant Title : VOC Analysis

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

Peak Number 50 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	59.00 ug/L	5249880	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5		Mesitylene	120	C9H12	000108-67-8	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

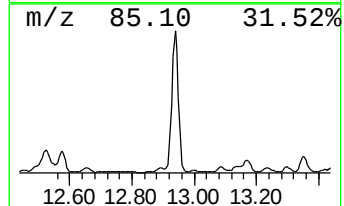
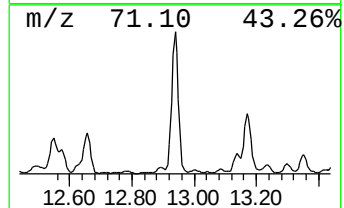
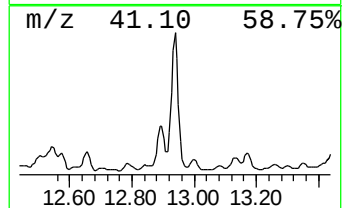
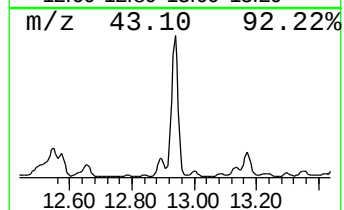
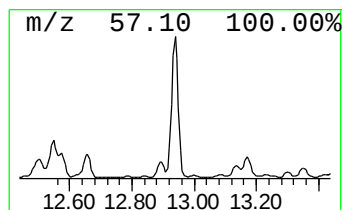
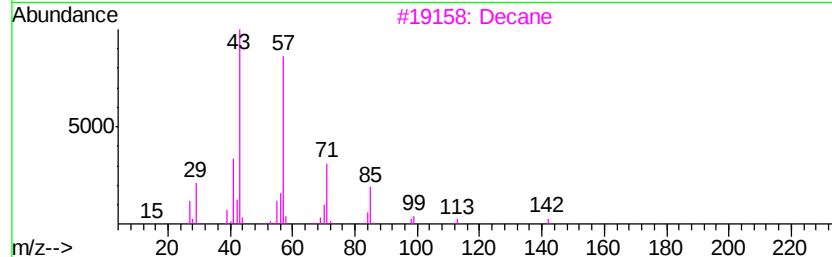
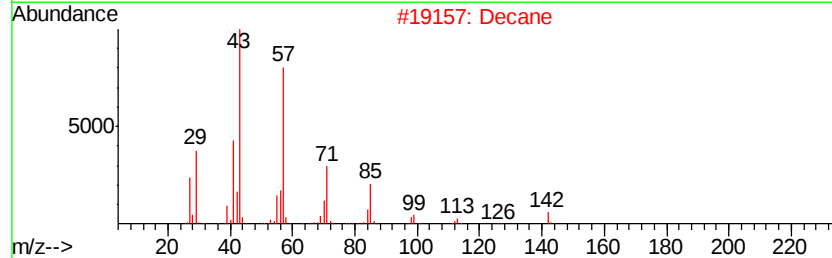
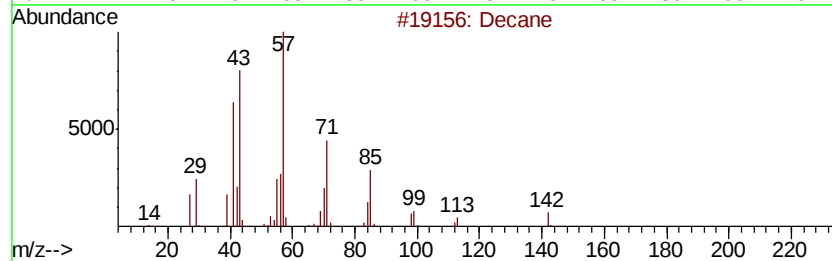
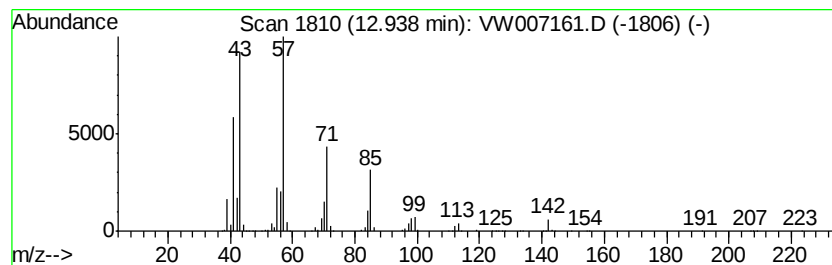
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Quant Title : VOC Analysis

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

Peak Number 51 (DEL) Alkane: Straight-Chain Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	153.49 ug/L	13657800	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	97
2		Decane	142	C10H22	000124-18-5	95
3		Decane	142	C10H22	000124-18-5	94
4		Decane	142	C10H22	000124-18-5	76
5		Nonane	128	C9H20	000111-84-2	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

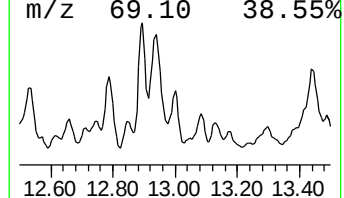
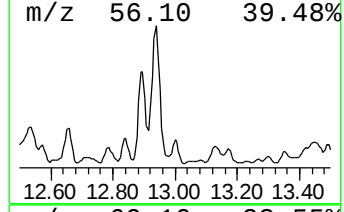
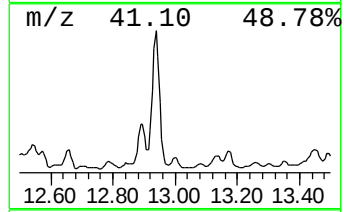
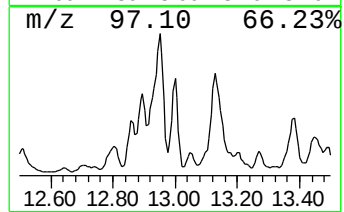
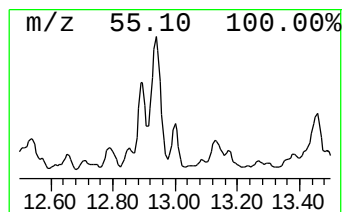
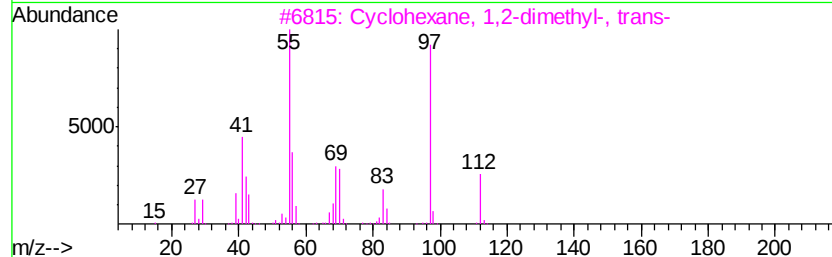
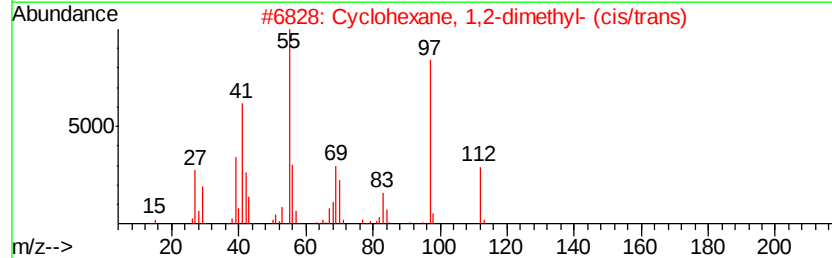
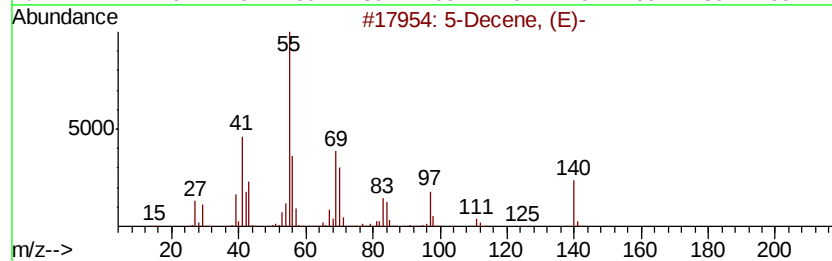
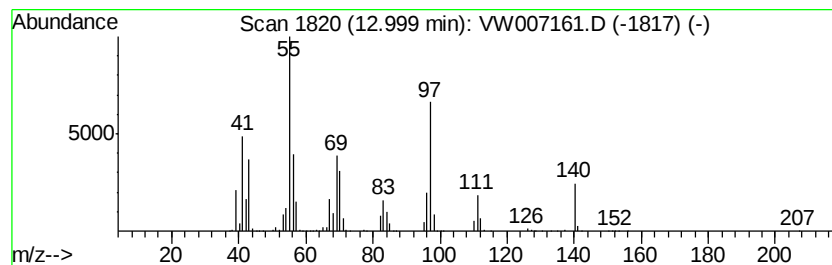
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Quant Title : VOC Analysis

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

Peak Number 52 (DEL) Alkane: Cyclic13.00 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	13.43 ug/L	1195250	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Decene, (E)-	140	C10H20	007433-56-9	92
2		Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	70
3		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	70
4		Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	70
5		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

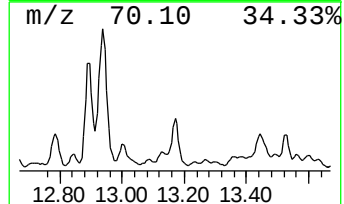
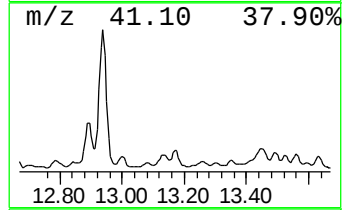
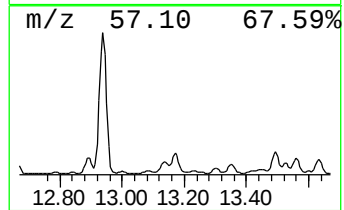
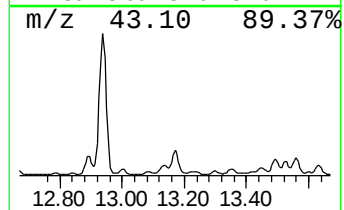
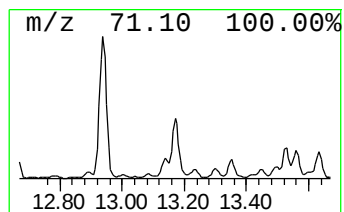
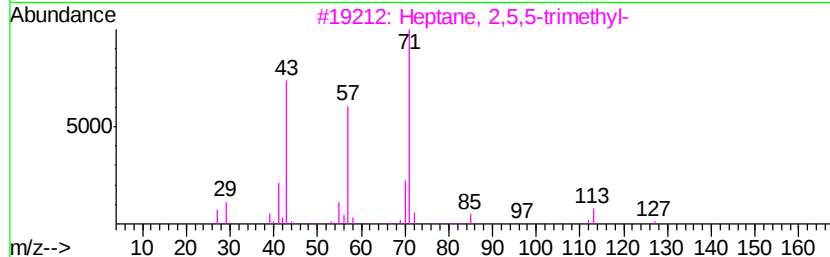
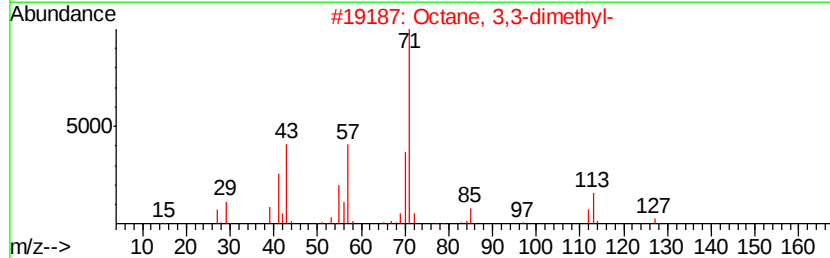
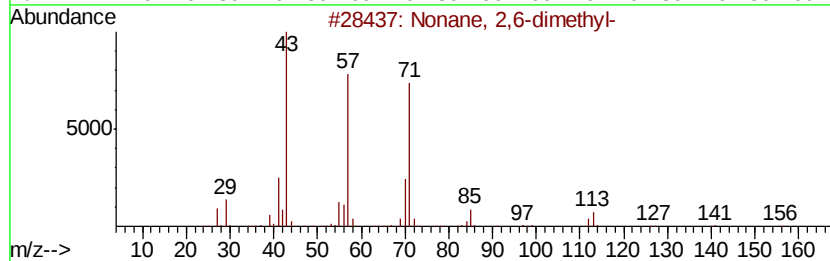
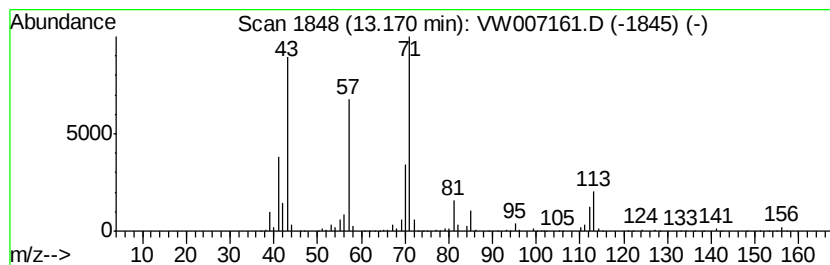
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Quant Title : VOC Analysis

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

Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	22.85 ug/L	2033360	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
2			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
3			Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	64
4			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	53
5			Hexane, 3,3,4,4-tetramethyl-	142	C10H22	005171-84-6	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

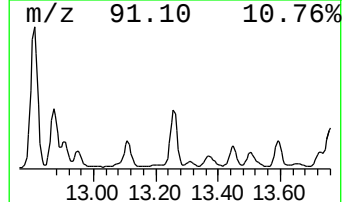
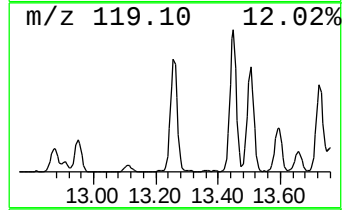
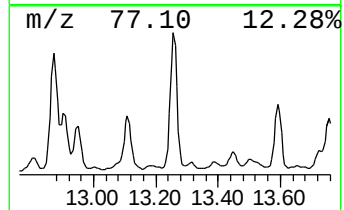
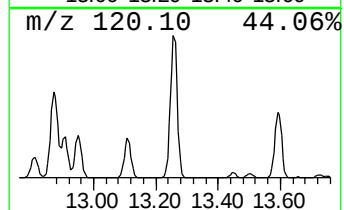
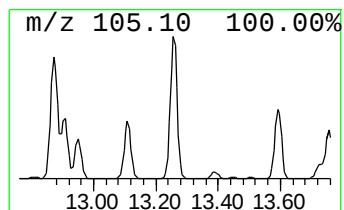
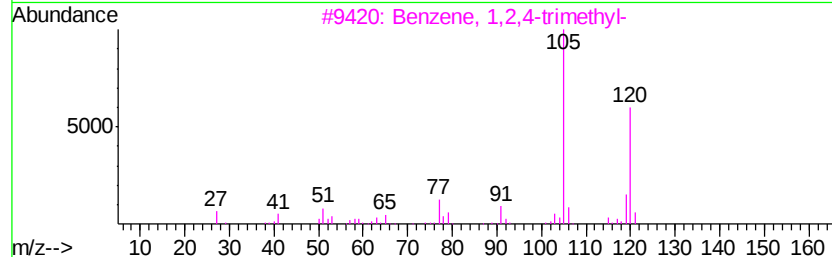
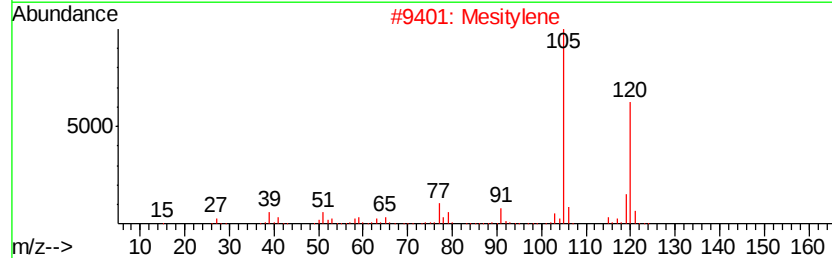
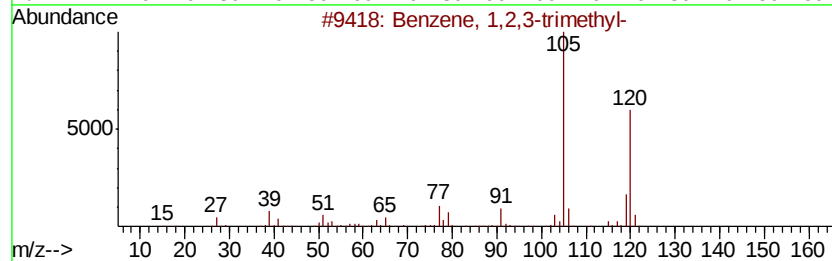
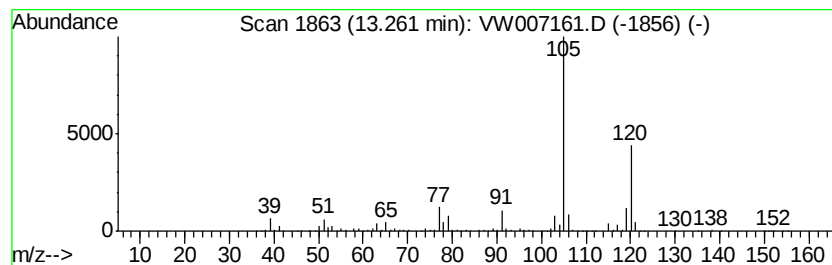
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Quant Title : VOC Analysis

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

Peak Number 55 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	69.98 ug/L	6226830	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Mesitylene	120	C9H12	000108-67-8	94
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5		Mesitylene	120	C9H12	000108-67-8	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

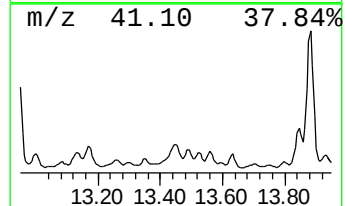
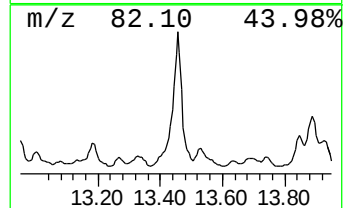
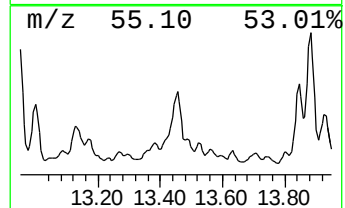
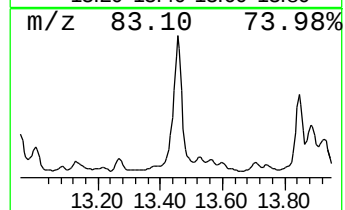
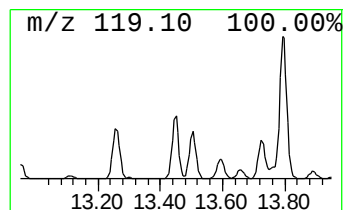
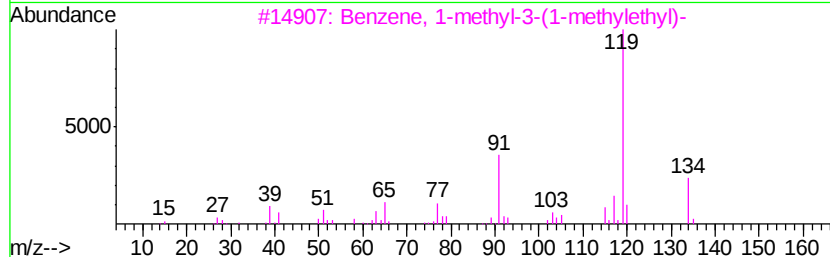
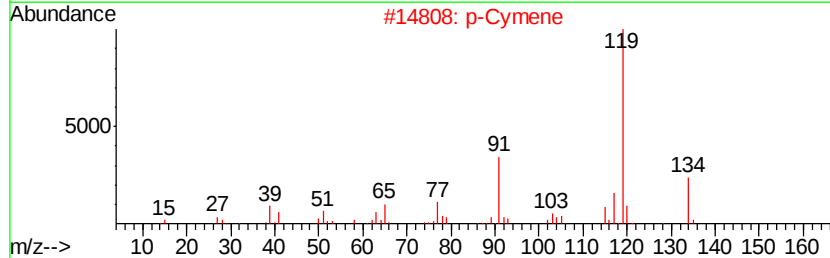
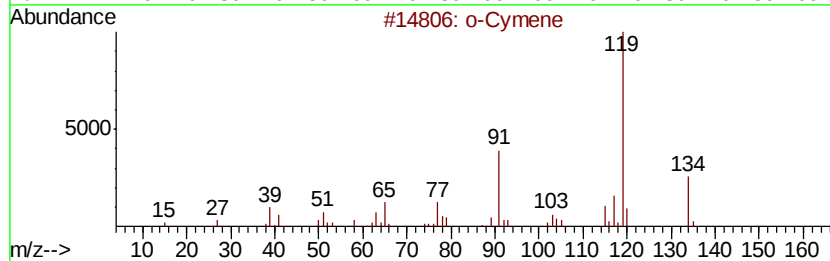
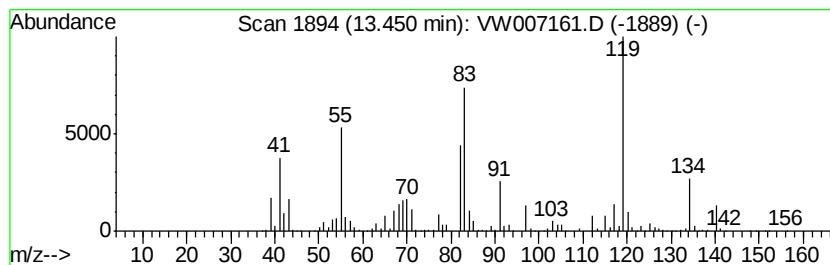
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Quant Title : VOC Analysis

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

Peak Number 56 o-Cymene Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	25.40 ug/L	2260590	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	84
2		p-Cymene	134	C10H14	000099-87-6	81
3		Benzene, 1-methyl-3-(1-methylethyl-...)	134	C10H14	000535-77-3	81
4		Benzene, 1-methyl-3-(1-methylethyl-...)	134	C10H14	000535-77-3	80
5		o-Cymene	134	C10H14	000527-84-4	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

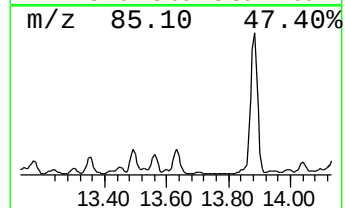
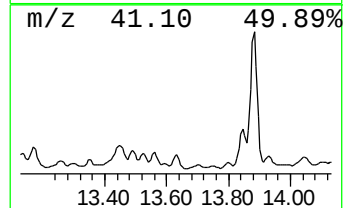
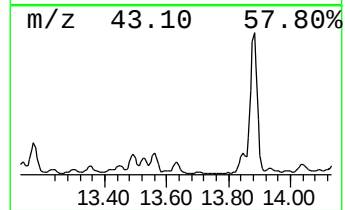
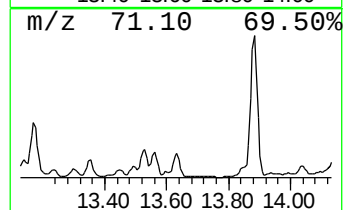
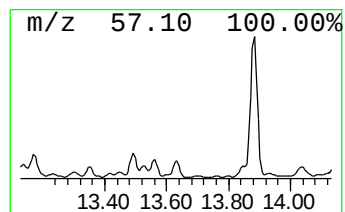
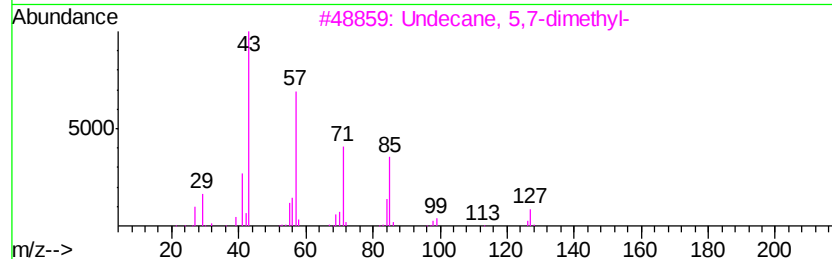
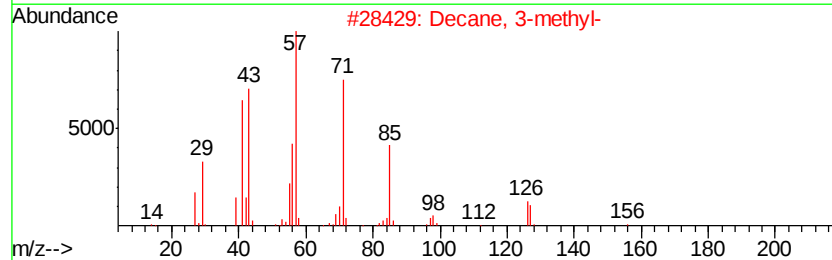
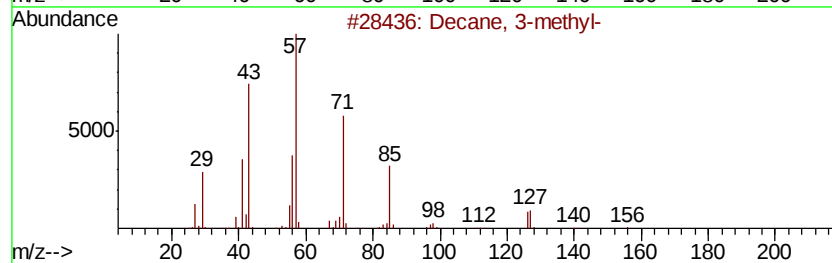
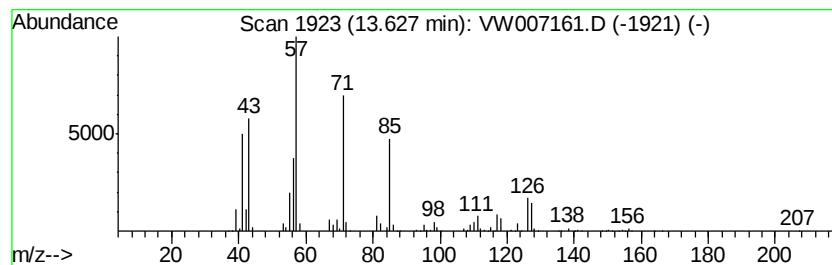
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Quant Title : VOC Analysis

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

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	11.89 ug/L	1057630	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	90
2		Decane, 3-methyl-	156	C11H24	013151-34-3	90
3		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	64
4		Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	53
5		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

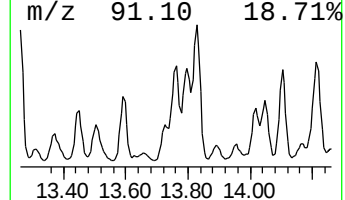
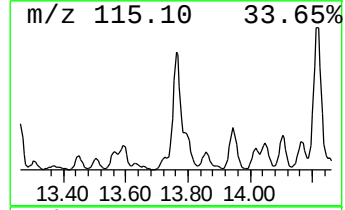
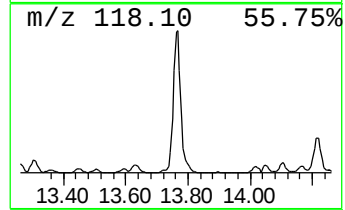
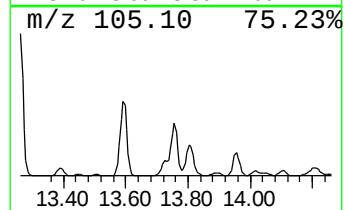
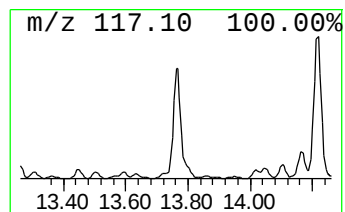
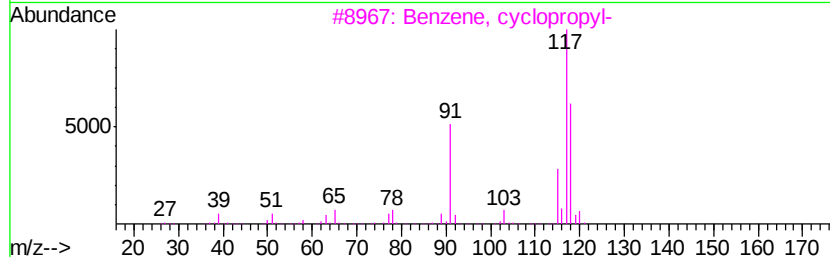
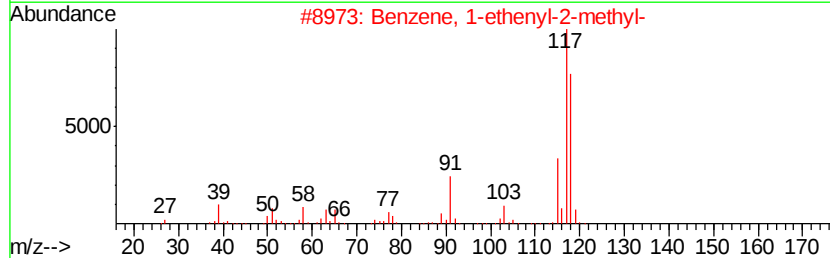
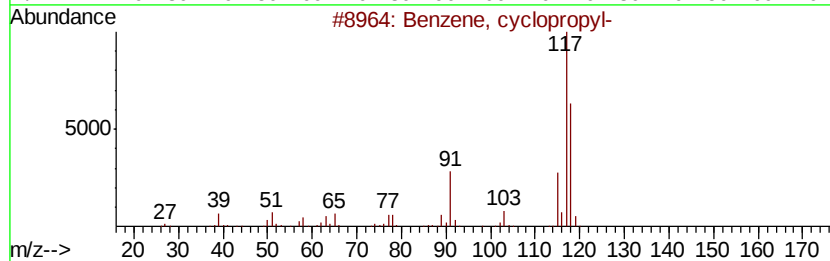
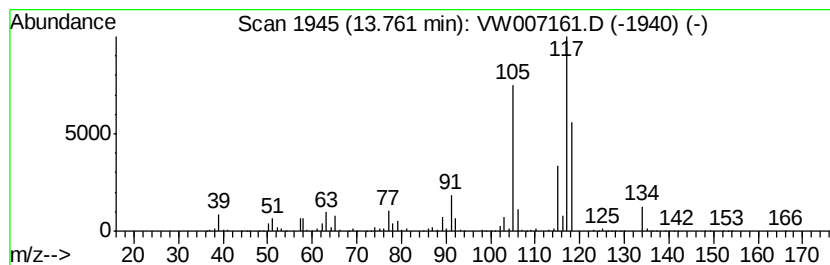
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Quant Title : VOC Analysis

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

Peak Number 58 Benzene, cyclopropyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	25.98 ug/L	2311540	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, cvclopropyl-	118	C9H10	000873-49-4	64
2		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
3		Benzene, cvclopropyl-	118	C9H10	000873-49-4	58
4		Benzene, 2-propenyl-	118	C9H10	000300-57-2	58
5		Indane	118	C9H10	000496-11-7	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

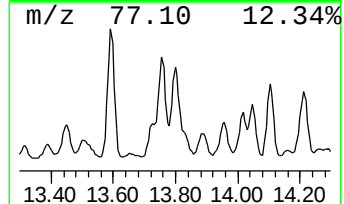
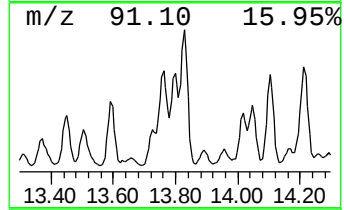
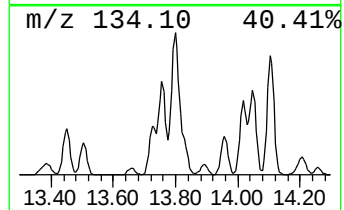
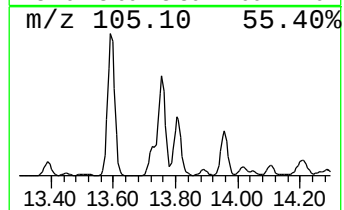
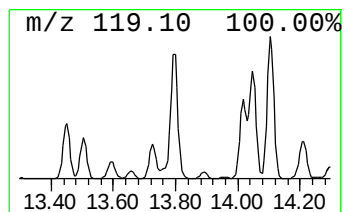
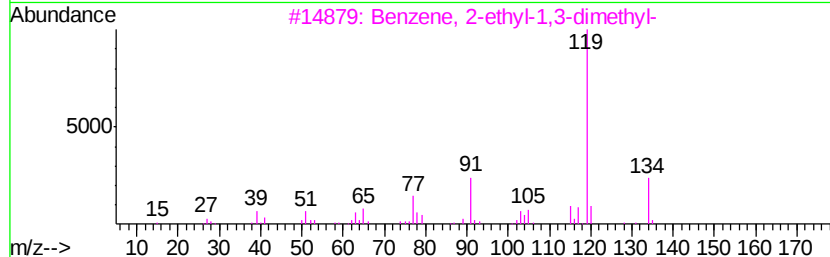
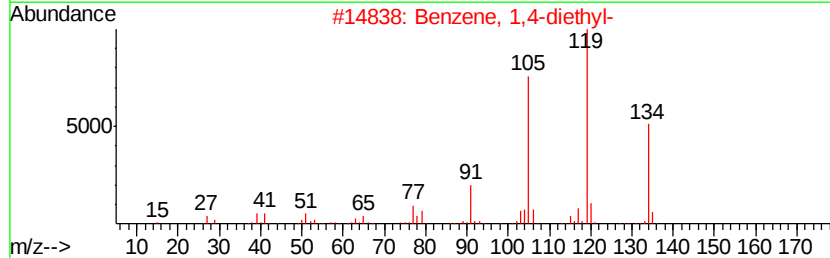
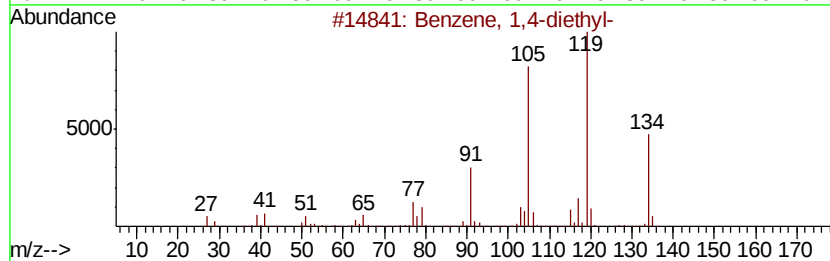
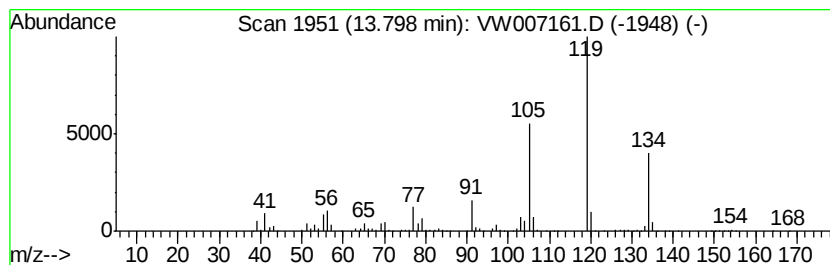
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Quant Title : VOC Analysis

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

Peak Number 59 Benzene, 1,4-diethyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	19.68 ug/L	1751270	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

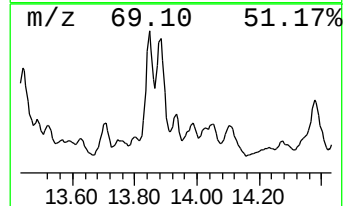
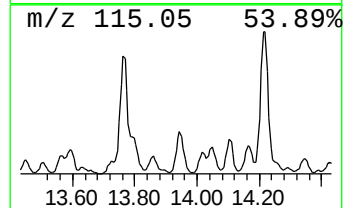
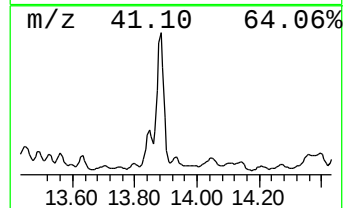
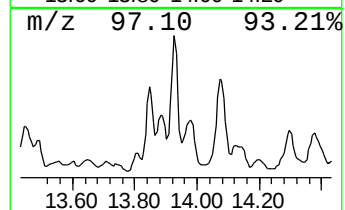
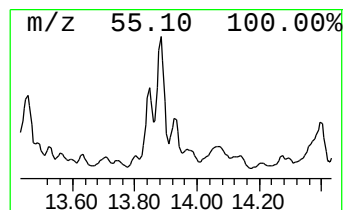
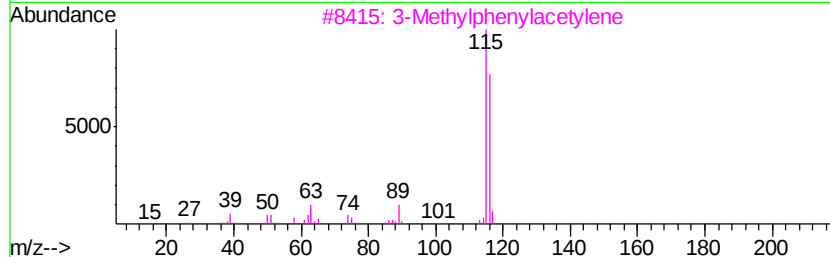
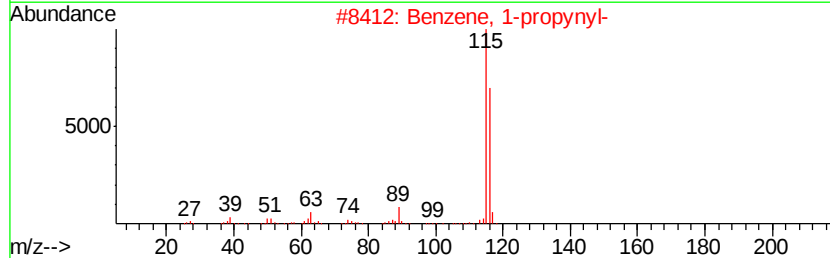
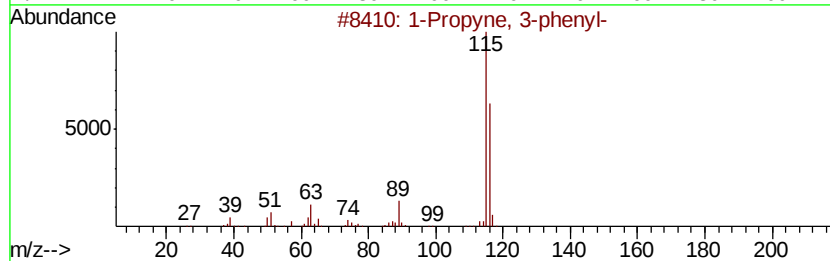
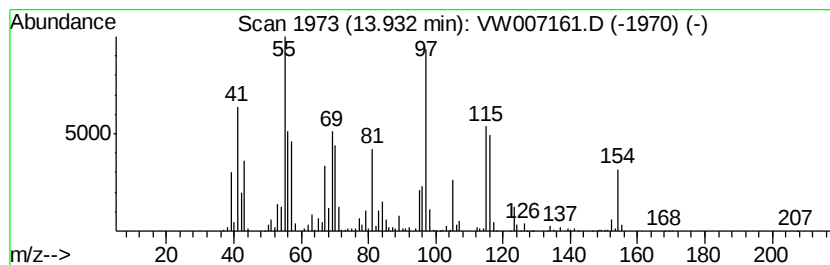
Instrument :
MSVOA_W
ClientSampleId :
F9Y41

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

Peak Number 60 1-Propyne, 3-phenyl- Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	12.81 ug/L	1139870	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Propyne, 3-phenyl-	116 C9H8	010147-11-2 56
2		Benzene, 1-propynyl-	116 C9H8	000673-32-5 53
3		3-Methylphenylacetylene	116 C9H8	000766-82-5 44
4		1H-Pyrazol-4-amine, 3-methyl-	97 C4H7N3	1000338-28-2 35
5		5-Undecene, (E)-	154 C11H22	000764-97-6 35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

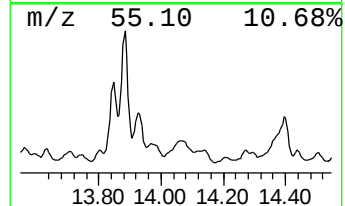
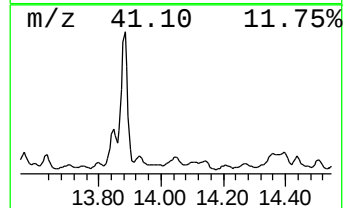
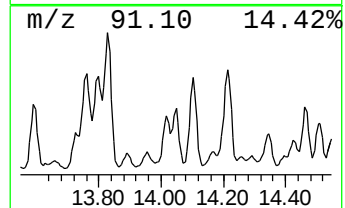
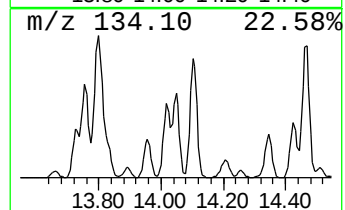
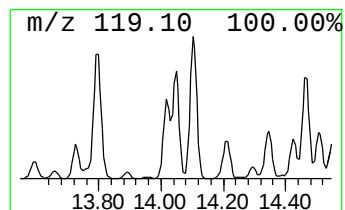
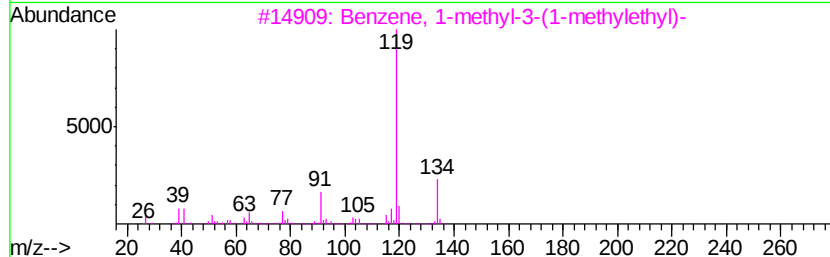
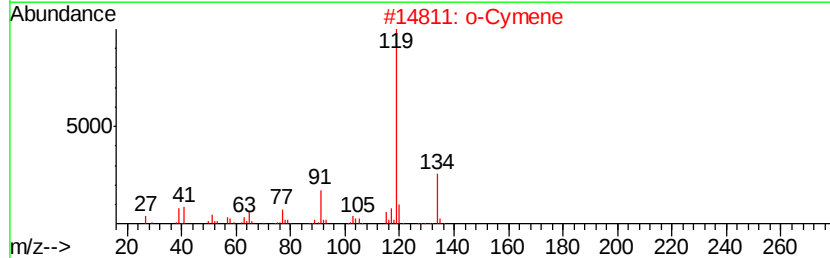
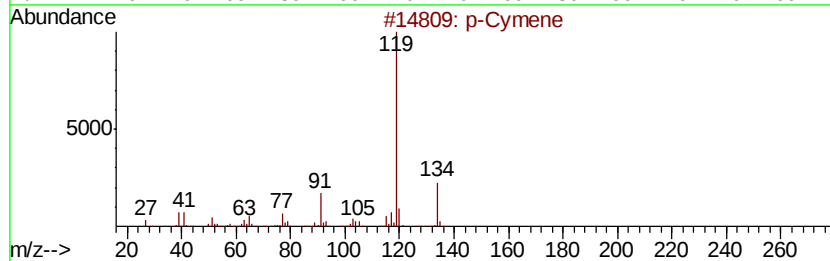
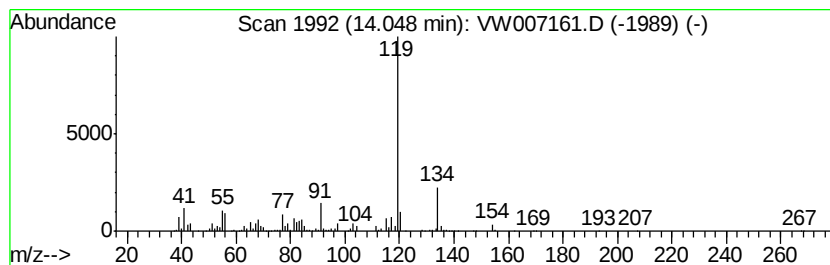
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Quant Title : VOC Analysis

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

Peak Number 61 p-Cymene Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	18.81 ug/L	1673510	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	95
2		o-Cymene	134	C10H14	000527-84-4	95
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
4		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
5		p-Cymene	134	C10H14	000099-87-6	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

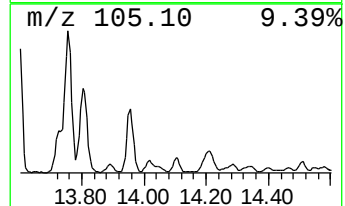
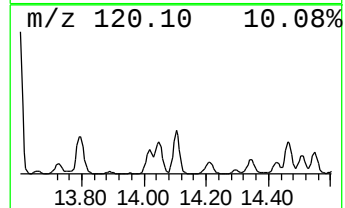
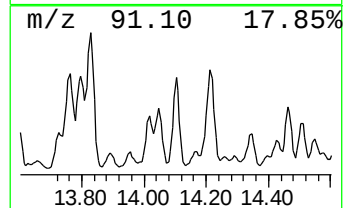
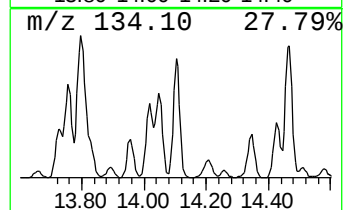
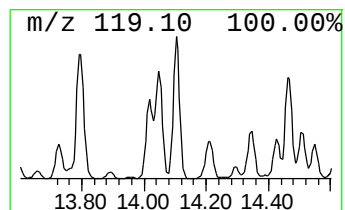
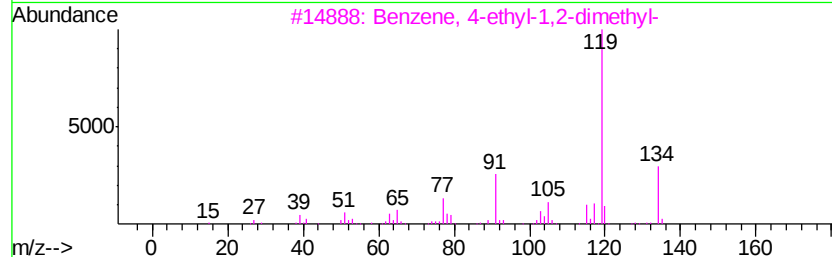
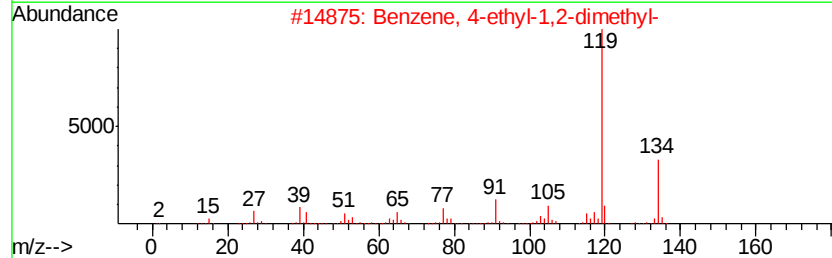
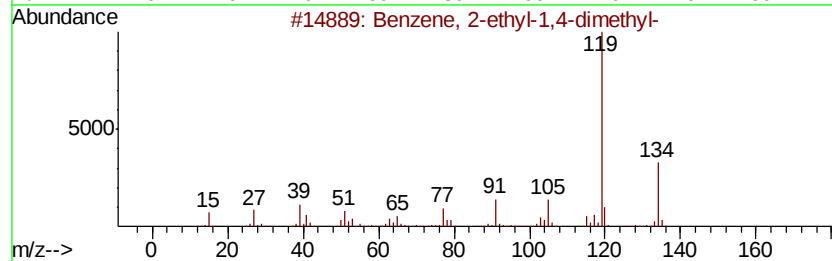
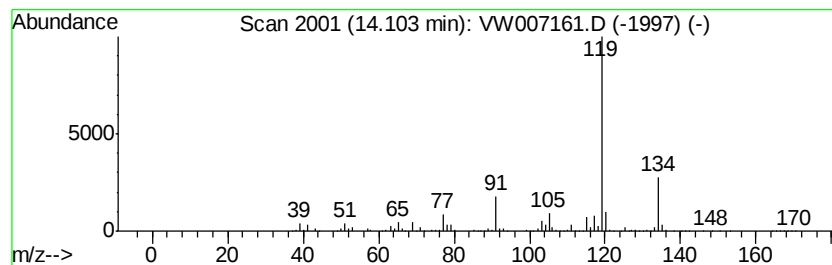
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Quant Title : VOC Analysis

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

Peak Number 62 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	20.24 ug/L	1801480	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

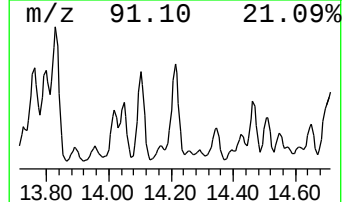
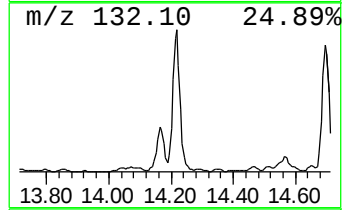
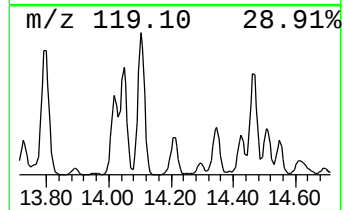
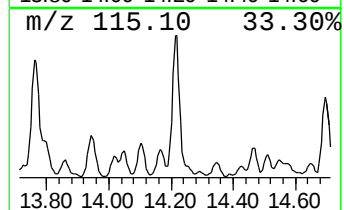
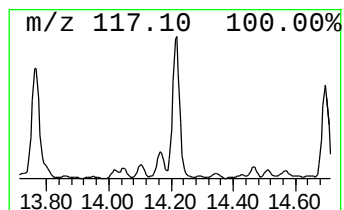
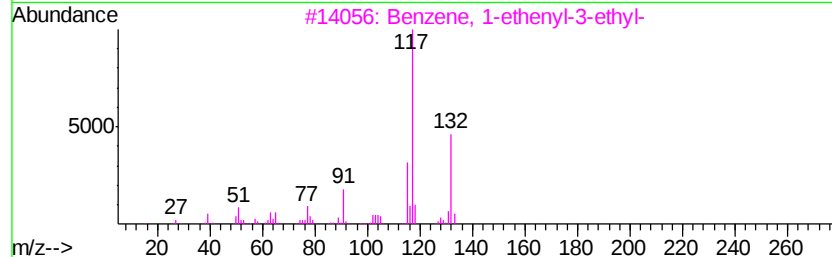
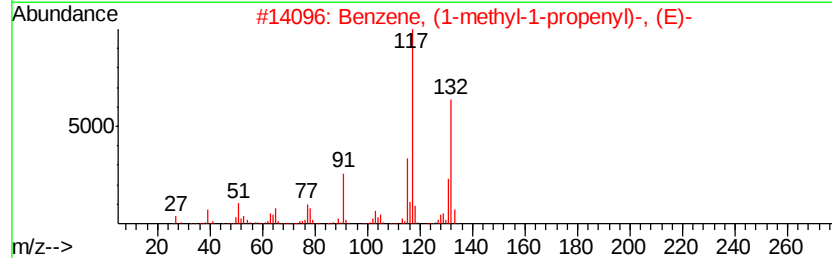
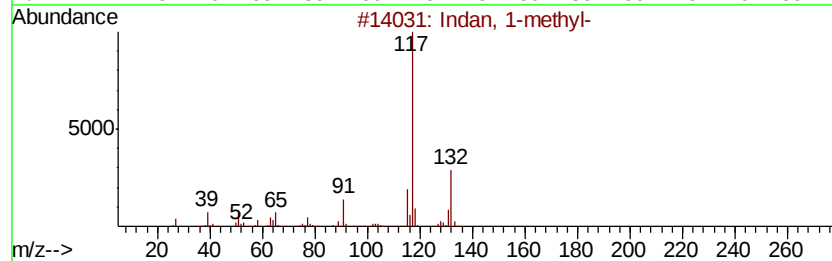
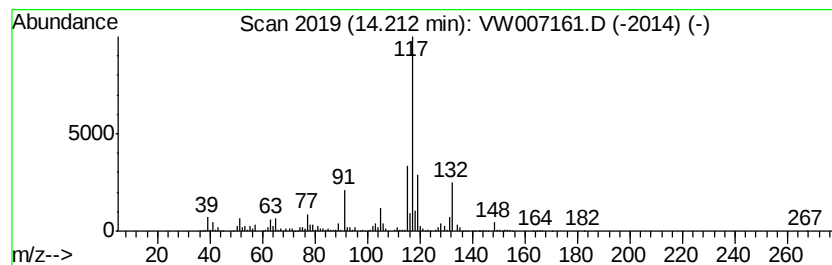
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Quant Title : VOC Analysis

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

Peak Number 63 Indan, 1-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	32.27 ug/L	2871640	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indan, 1-methyl-	132	C10H12	000767-58-8	81
2		Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000768-00-3	74
3		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	74
4		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	72
5		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

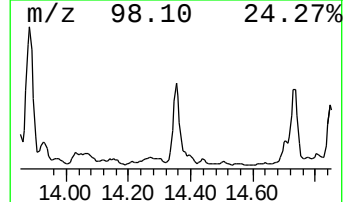
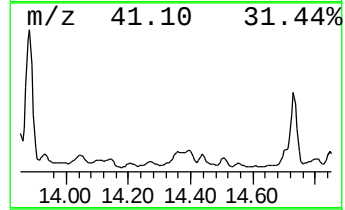
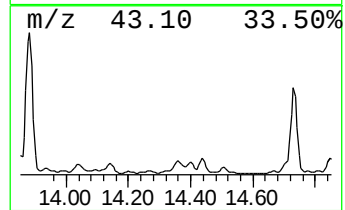
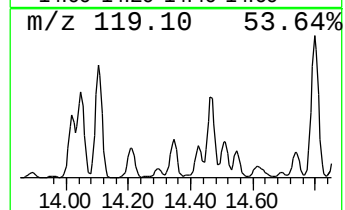
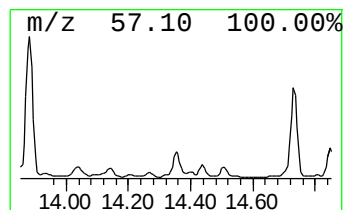
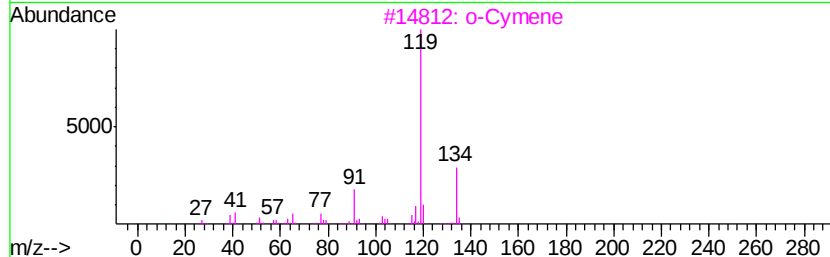
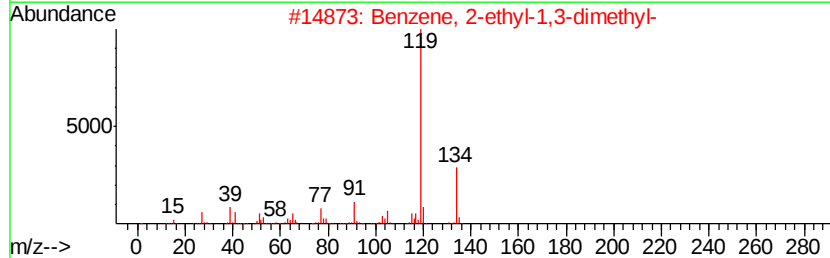
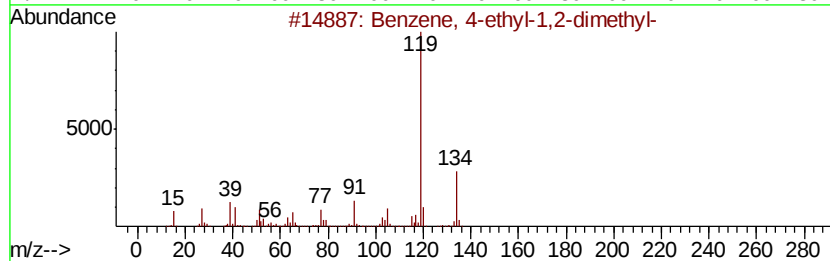
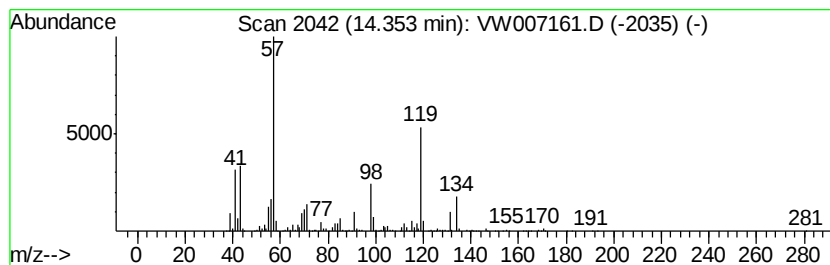
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Quant Title : VOC Analysis

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

Peak Number 64 unknown-02 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	25.71 ug/L	2287800	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	46
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	46
3		o-Cymene	134	C10H14	000527-84-4	46
4		p-Cymene	134	C10H14	000099-87-6	46
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	41



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

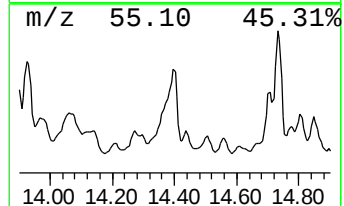
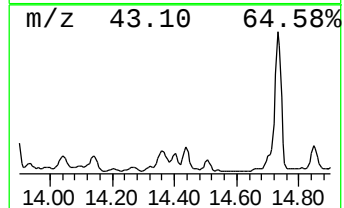
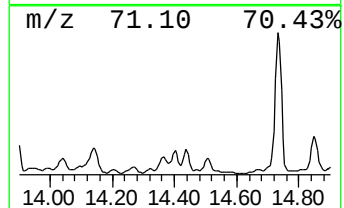
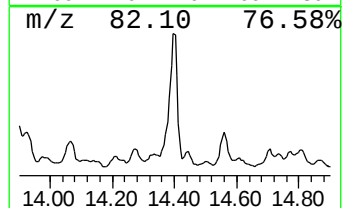
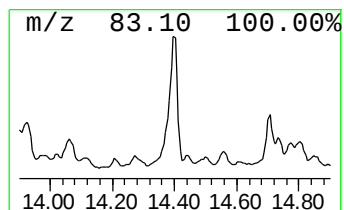
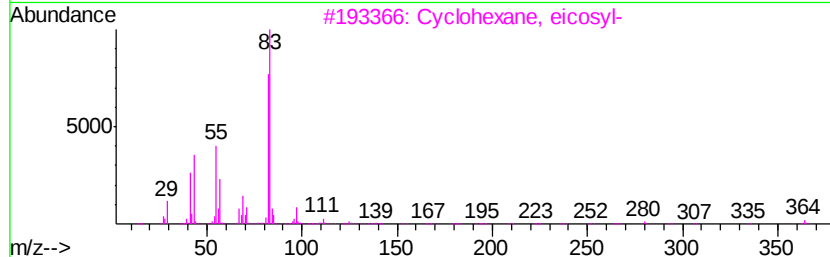
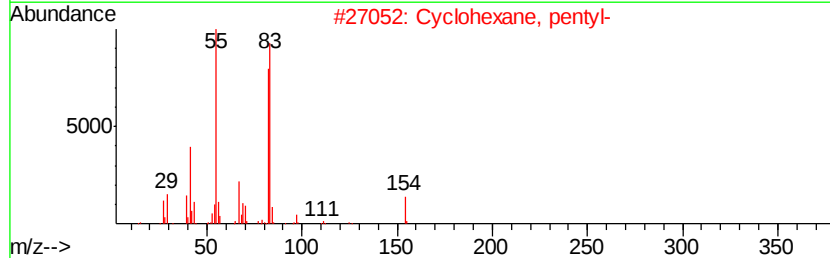
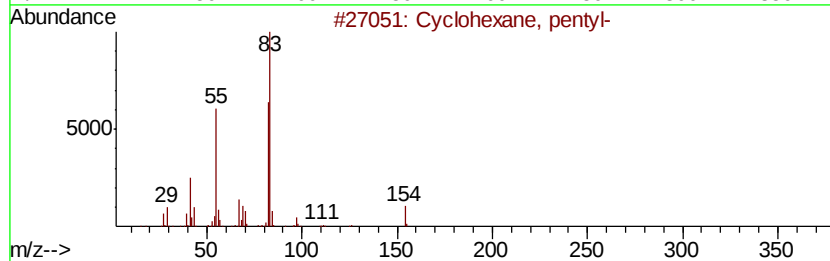
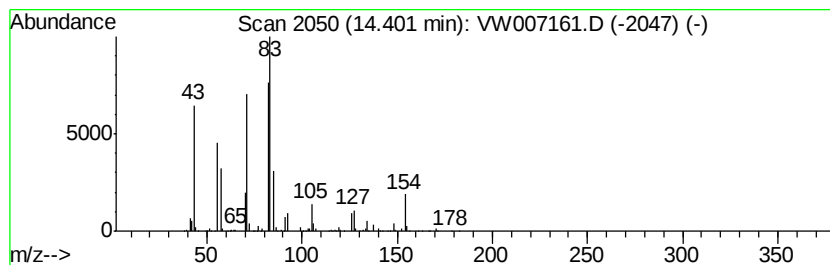
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Quant Title : VOC Analysis

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

Peak Number 65 (DEL) Alkane: Cyclic14.40 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	19.32 ug/L	1719600	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
3		Cyclohexane, eicosyl-	364	C26H52	004443-55-4	40
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	40
5		Cyclohexane, (cyclopentylmethyl)-	166	C12H22	004431-89-4	33



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

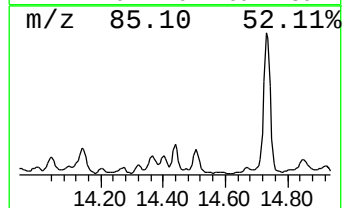
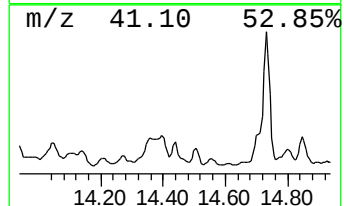
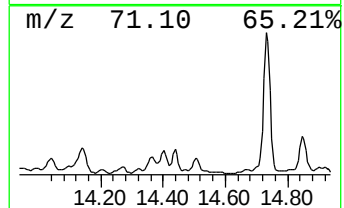
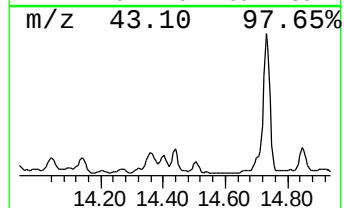
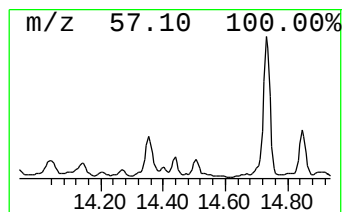
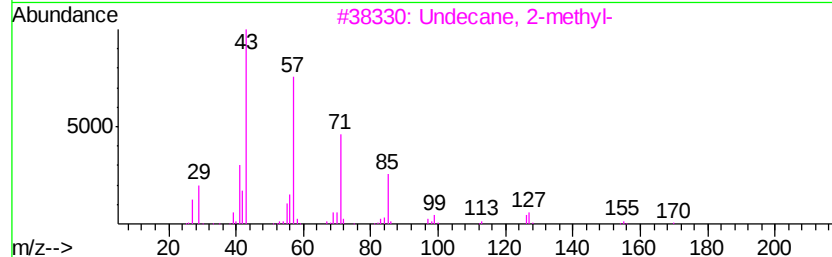
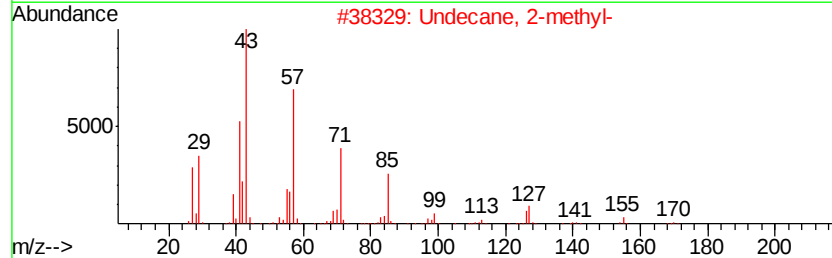
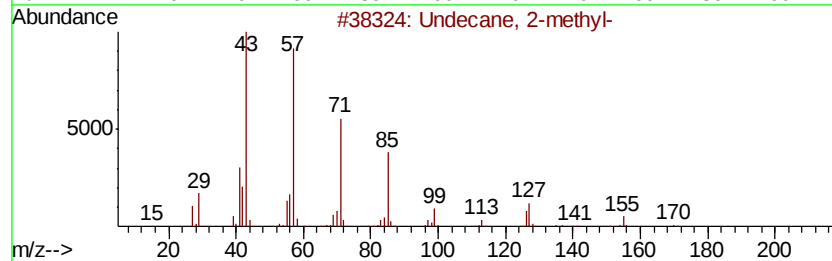
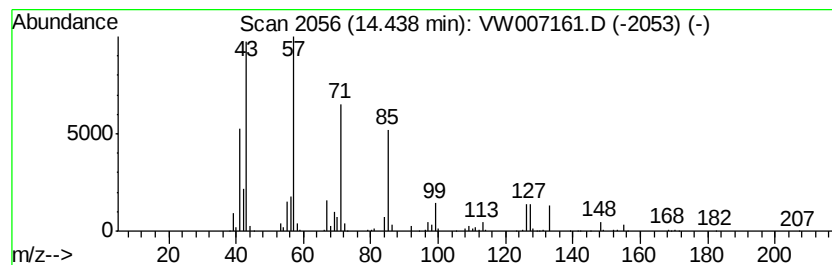
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Quant Title : VOC Analysis

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

Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	13.83 ug/L	1230690	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2-methyl-	170	C12H26	007045-71-8	93
2		Undecane, 2-methyl-	170	C12H26	007045-71-8	86
3		Undecane, 2-methyl-	170	C12H26	007045-71-8	58
4		Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	53
5		4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
F9Y41

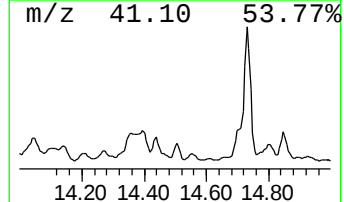
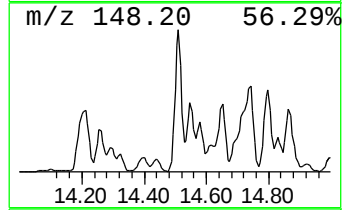
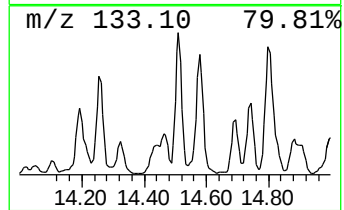
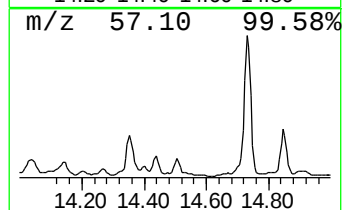
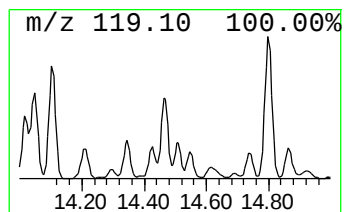
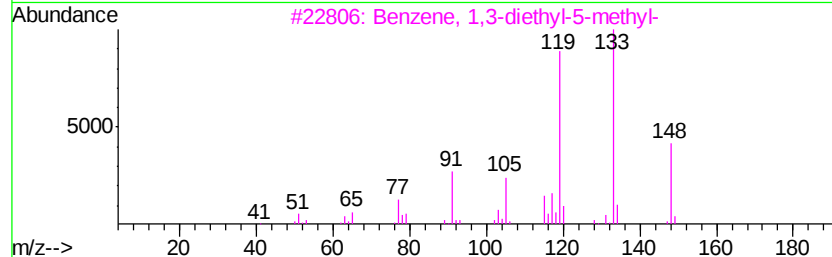
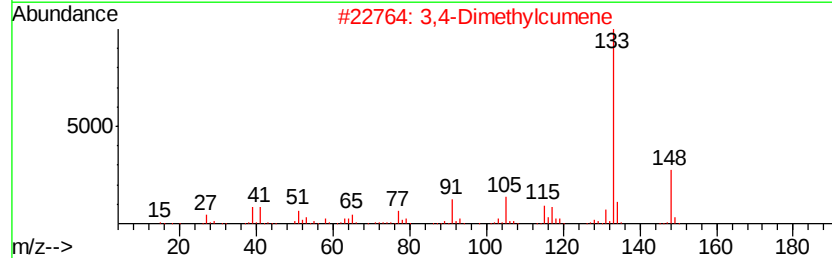
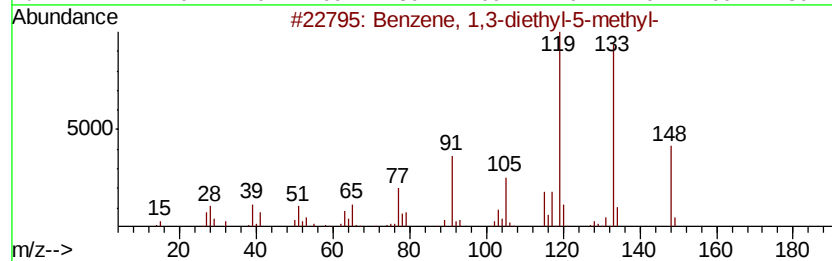
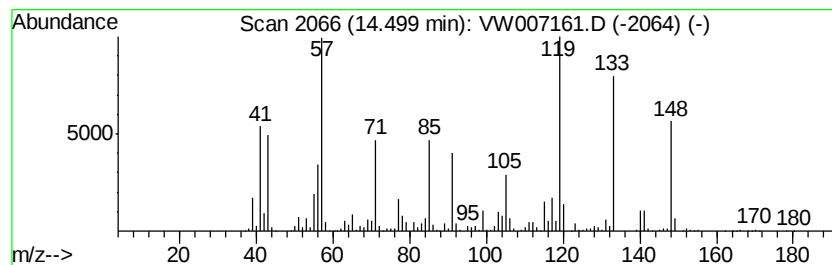
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Quant Title : VOC Analysis

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

Peak Number 68 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	14.22 ug/L	1264980	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	91
2		3,4-Dimethylcumene	148	C11H16	1000370-34-1	50
3		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	46
4		Phenol, 2-(2-methyl-2-propenyl)-	148	C10H12O	020944-88-1	43
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	41



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

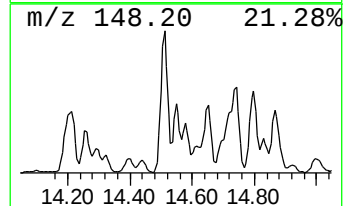
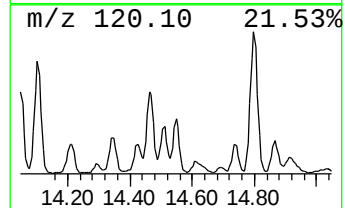
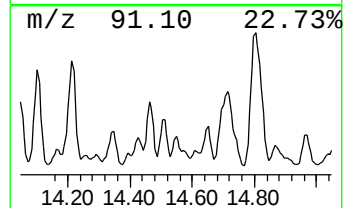
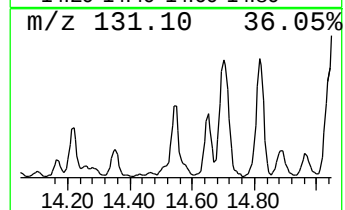
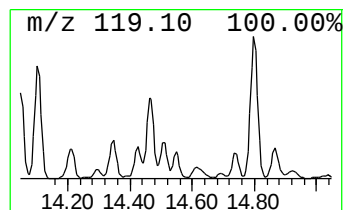
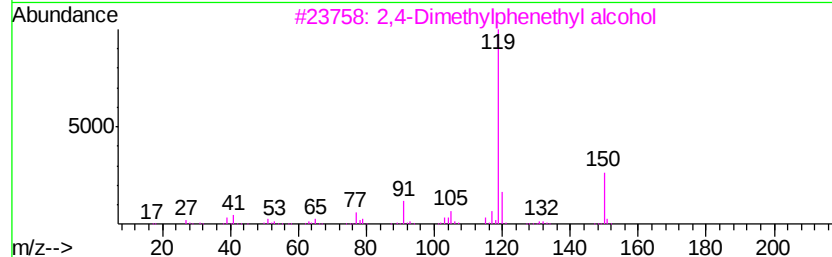
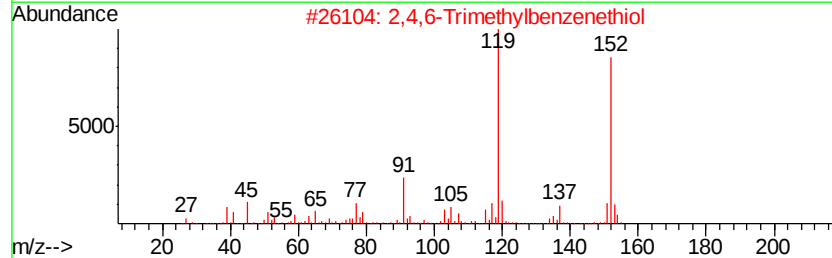
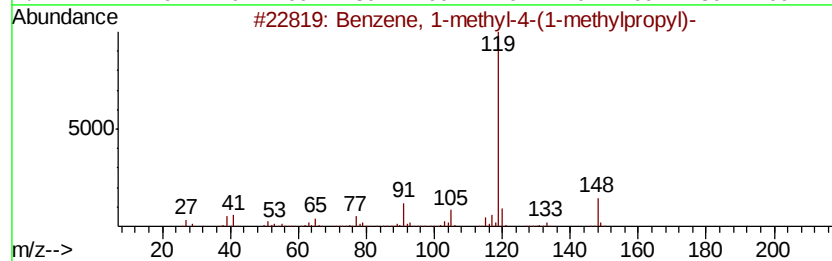
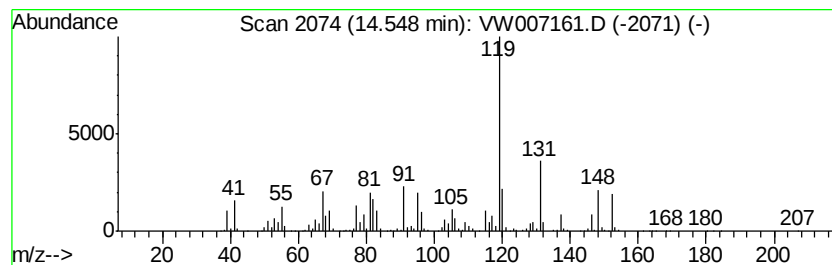
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

Peak Number 69 unknown-03 Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	10.79 ug/L	960479	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	30
2		2,4,6-Trimethylbenzenethiol	152	C9H12S	001541-10-2	27
3		2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	27
4		o-Cymene	134	C10H14	000527-84-4	22
5		m-Toluic acid, 6-ethyl-3-octyl e...	276	C18H28O2	1000293-33-3	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

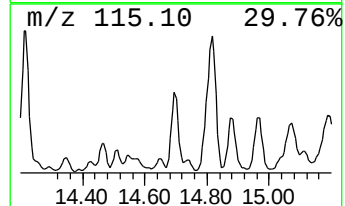
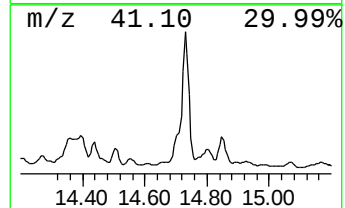
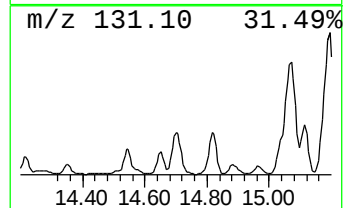
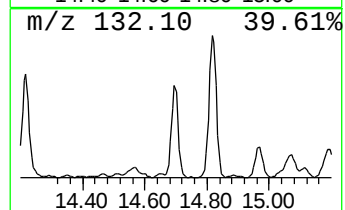
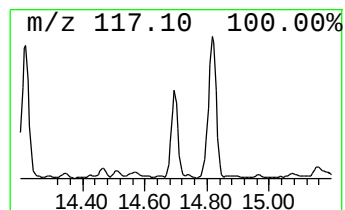
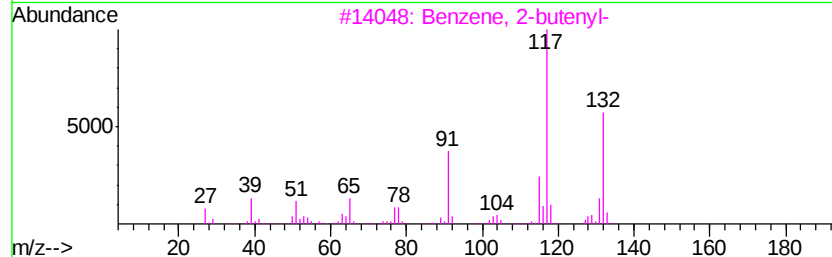
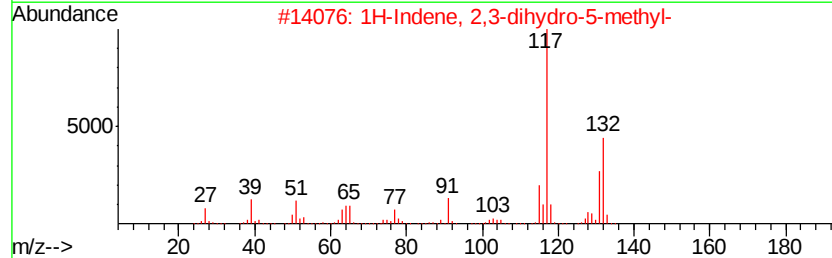
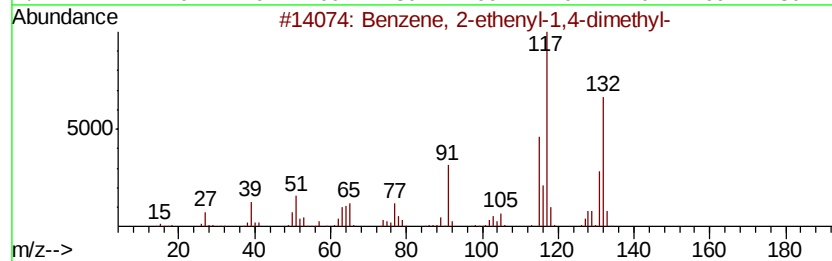
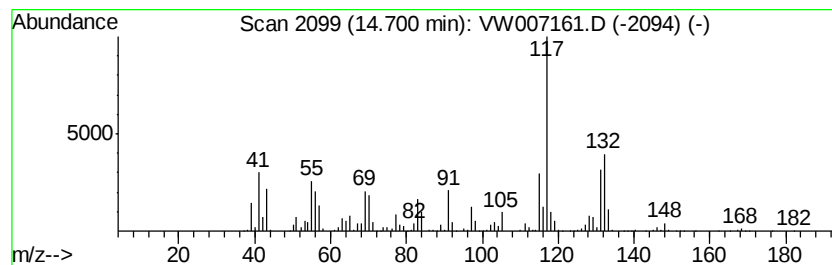
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Quant Title : VOC Analysis

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

Peak Number 70 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	29.57 ug/L	2631580	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	76
4		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	76
5		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

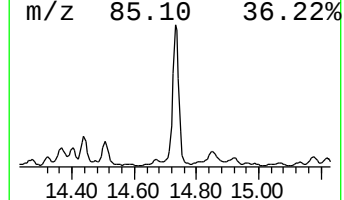
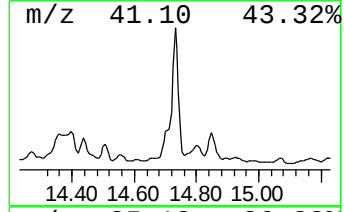
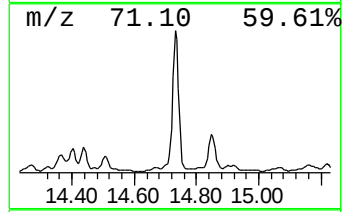
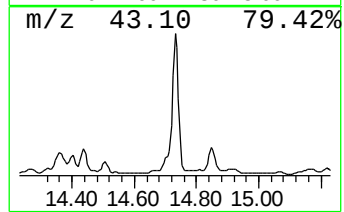
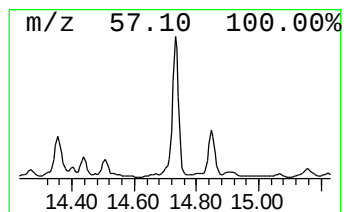
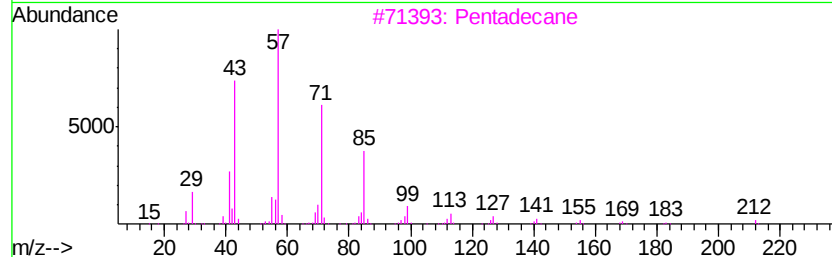
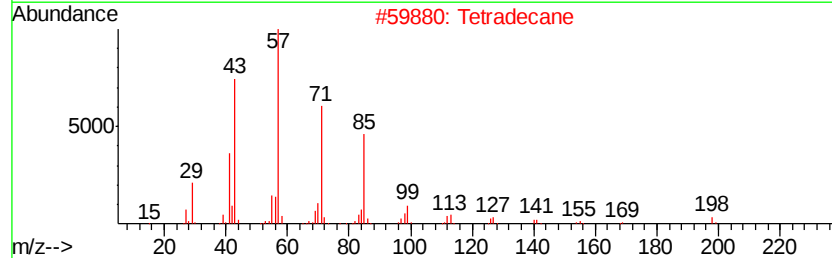
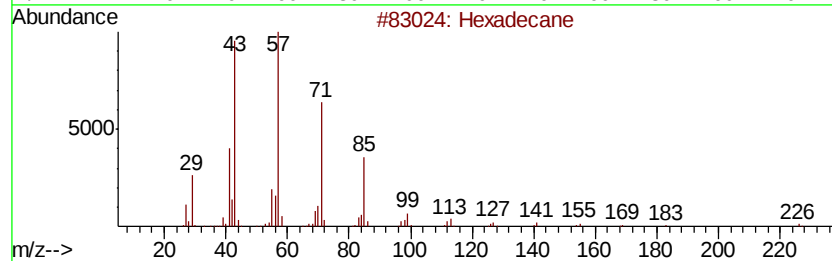
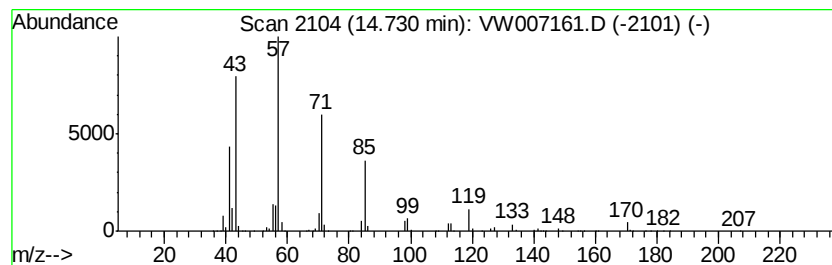
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Quant Title : VOC Analysis

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

Peak Number 71 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	63.68 ug/L	5666950	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	74
2		Tetradecane	198	C14H30	000629-59-4	72
3		Pentadecane	212	C15H32	000629-62-9	72
4		Tridecane	184	C13H28	000629-50-5	72
5		Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

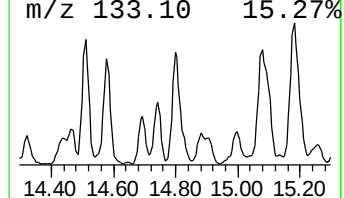
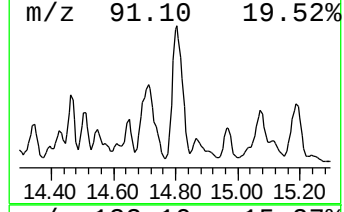
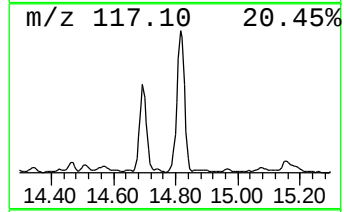
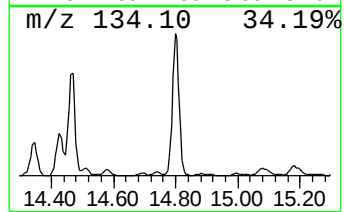
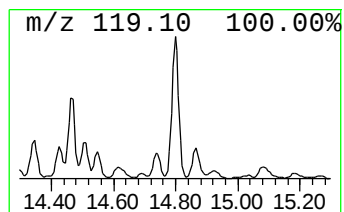
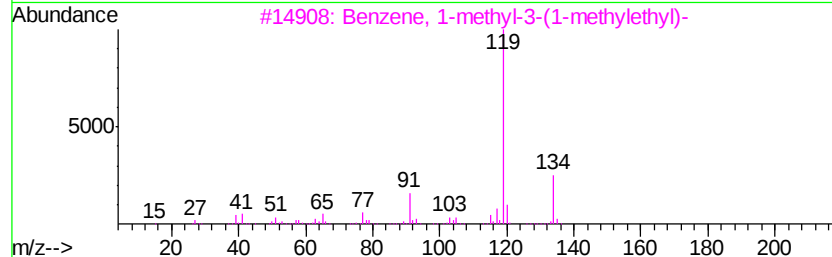
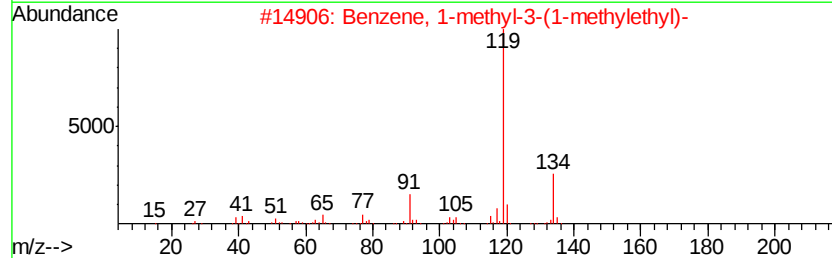
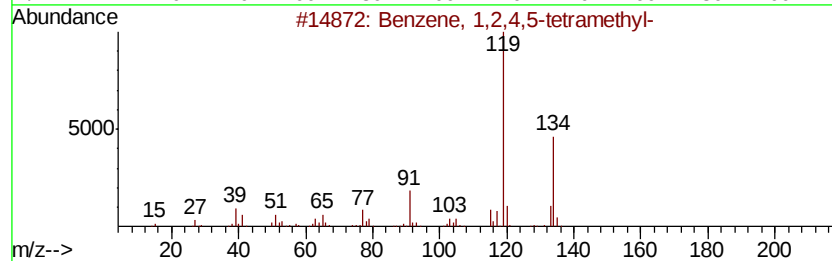
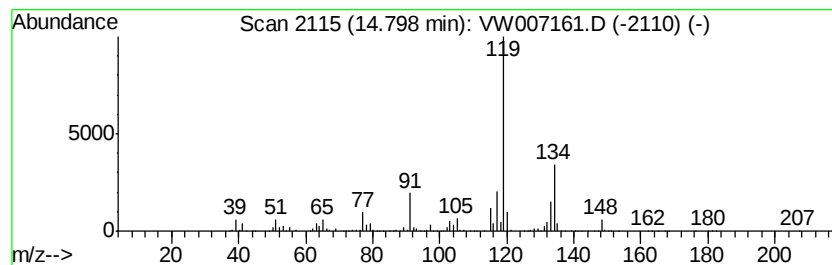
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Quant Title : VOC Analysis

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

Peak Number 72 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	65.63 ug/L	5839710	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
2		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	64
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	64
4		o-Cymene	134	C10H14	000527-84-4	64
5		o-Cymene	134	C10H14	000527-84-4	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

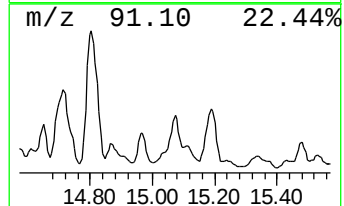
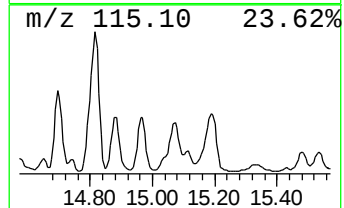
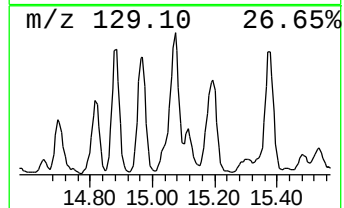
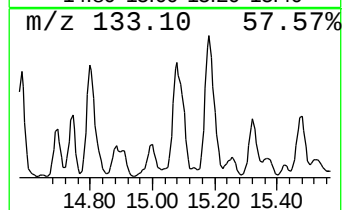
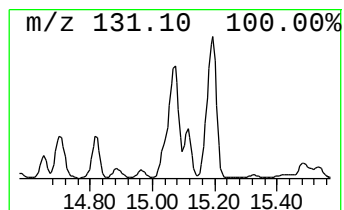
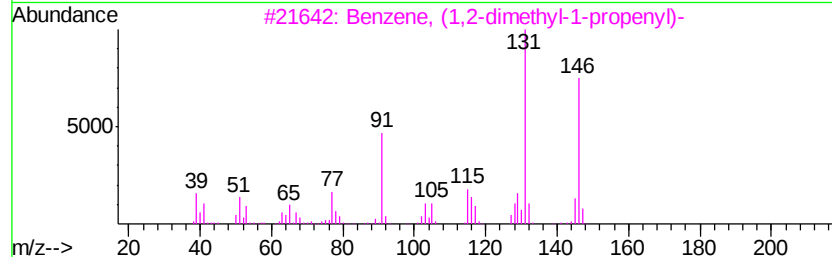
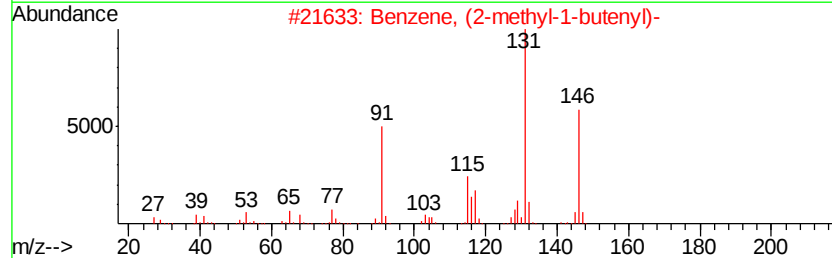
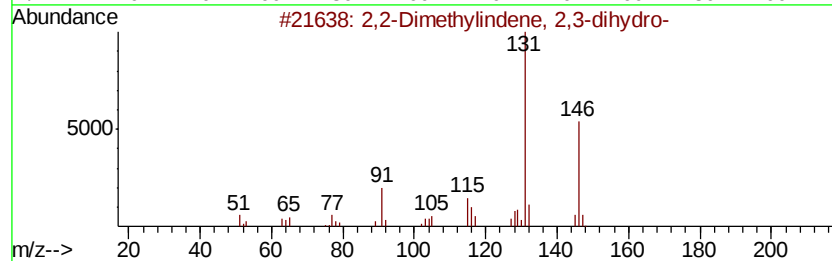
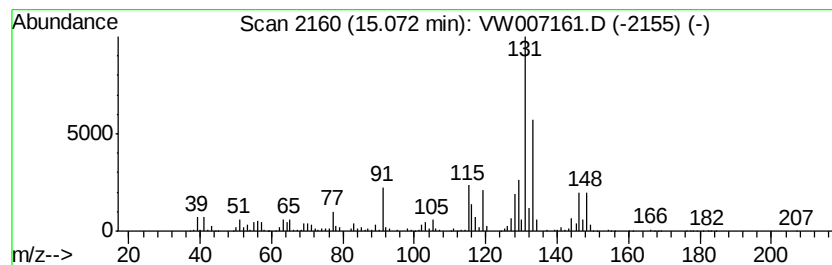
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Quant Title : VOC Analysis

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

Peak Number 73 2,2-Dimethylindene, 2,3-dih... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	15.69 ug/L	1396130	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	60
2		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	60
3		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	60
4		Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	55
5		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007161.D
Acq On : 03 Dec 2018 13:11
Operator : SY/AP
Sample : J6077-06
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y41

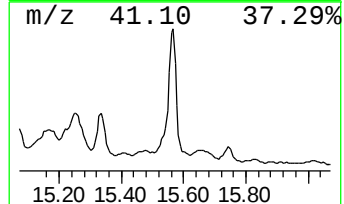
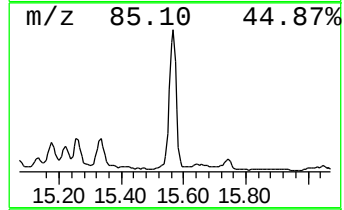
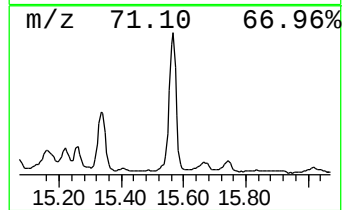
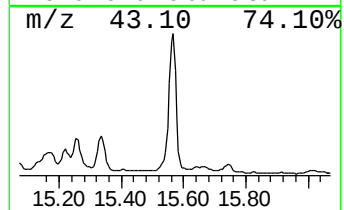
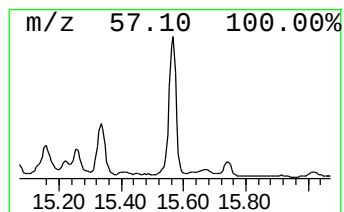
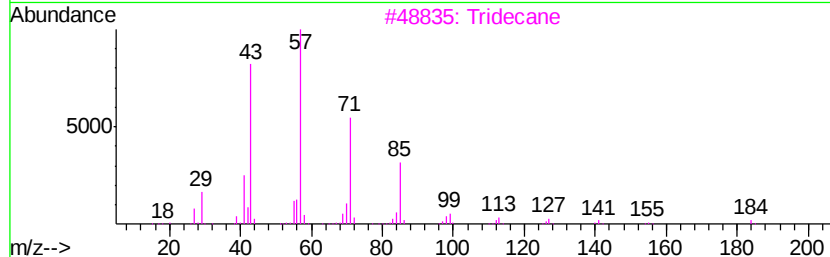
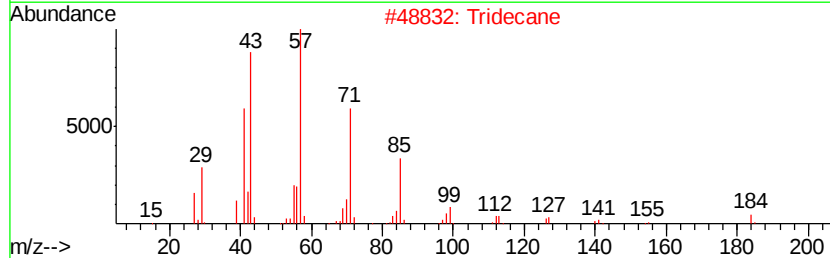
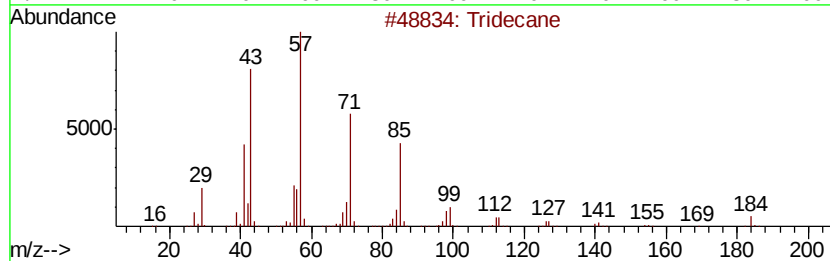
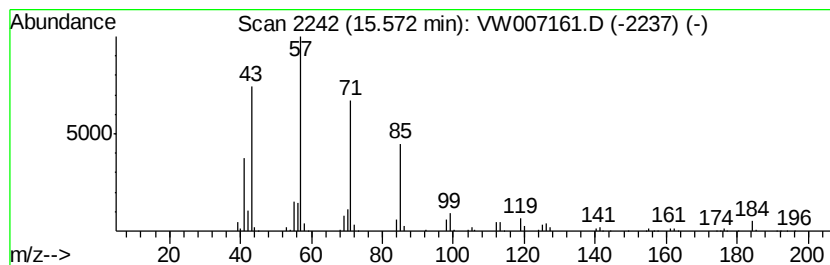
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Quant Title : VOC Analysis

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

Peak Number 76 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	24.20 ug/L	2153090	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	95
2		Tridecane	184	C13H28	000629-50-5	94
3		Tridecane	184	C13H28	000629-50-5	91
4		Tridecane	184	C13H28	000629-50-5	91
5		Nonadecane	268	C19H40	000629-92-5	78



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120318\
 Data File : VW007161.D
 Acq On : 03 Dec 2018 13:11
 Operator : SY/AP
 Sample : J6077-06
 Misc : 6.09G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9Y41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
 Quant Title : VOC Analysis

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

						--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc	
(DEL) Alkane: Str...	2.18	7.9	ug/L	1091410	1	8.85	3462930	25.0	
(DEL) Alkane: Str...	3.03	28.1	ug/L	3889360	1	8.85	3462930	25.0	
(DEL) Alkane: Cyc...	3.31	18.5	ug/L	2563780	1	8.85	3462930	25.0	
(DEL) Alkane: Str...	3.39	87.4	ug/L	12108500	1	8.85	3462930	25.0	
(DEL) Alkane: Cyc...	3.59	11.7	ug/L	1618750	1	8.85	3462930	25.0	
(DEL) Alkane: Cyc...	3.85	13.8	ug/L	1907380	1	8.85	3462930	25.0	
Cyclopentene	4.78	15.8	ug/L	2185690	1	8.85	3462930	25.0	
(DEL) Alkane: Str...	4.97	57.7	ug/L	7991940	1	8.85	3462930	25.0	
(DEL) Alkane: Str...	5.44	26.0	ug/L	3601590	1	8.85	3462930	25.0	
(DEL) Alkane: Cyc...	5.79	37.1	ug/L	5137390	1	8.85	3462930	25.0	
(DEL) Alkane: Str...	5.95	96.1	ug/L	13311300	1	8.85	3462930	25.0	
(DEL) Alkane: Cyc...	6.23	9.9	ug/L	1365380	1	8.85	3462930	25.0	
(DEL) Alkane: Cyc...	6.30	10.7	ug/L	1486600	1	8.85	3462930	25.0	
(DEL) Alkane: Cyc...	6.99	45.7	ug/L	6328230	1	8.85	3462930	25.0	
(DEL) Alkane: Str...	8.02	18.7	ug/L	2591580	1	8.85	3462930	25.0	
(DEL) Alkane: Str...	8.16	39.2	ug/L	5426690	1	8.85	3462930	25.0	
(DEL) Alkane: Cyc...	8.44	29.0	ug/L	4012960	1	8.85	3462930	25.0	
(DEL) Alkane: Cyc...	8.51	20.5	ug/L	2838540	1	8.85	3462930	25.0	
(DEL) Alkane: Cyc...	8.59	61.9	ug/L	8570260	1	8.85	3462930	25.0	
(DEL) Alkane: Str...	8.71	120.9	ug/L	16749200	1	8.85	3462930	25.0	
Cyclopentene, 4,4...	9.11	15.5	ug/L	2151450	1	8.85	3462930	25.0	
(DEL) Alkane: Cyc...	9.52	22.1	ug/L	3066320	1	8.85	3462930	25.0	
(DEL) Alkane: Cyc...	9.61	13.0	ug/L	1801090	1	8.85	3462930	25.0	
(DEL) Alkane: Cyc...	9.76	17.8	ug/L	2461610	1	8.85	3462930	25.0	
Cyclobutane, (1-m...	9.85	23.0	ug/L	3182960	1	8.85	3462930	25.0	
1-Ethylcyclopentene	9.91	12.7	ug/L	1761160	1	8.85	3462930	25.0	
(DEL) Alkane: Str...	9.96	61.1	ug/L	8467090	1	8.85	3462930	25.0	
(DEL) Alkane: Str...	10.10	30.9	ug/L	4276730	1	8.85	3462930	25.0	
Cyclohexene, 1-me...	10.21	21.9	ug/L	3030680	1	8.85	3462930	25.0	
(DEL) Alkane: Str...	10.51	263.4	ug/L	16840800	2	11.63	1598620	25.0	
(DEL) Alkane: Cyc...	10.67	39.4	ug/L	2519390	2	11.63	1598620	25.0	
5,5-Dimethyl-1,3-...	10.75	72.3	ug/L	4626430	2	11.63	1598620	25.0	
Bicyclo[3.1.0]hex...	11.02	25.0	ug/L	1596410	2	11.63	1598620	25.0	
1-Methyl-2-methyl...	11.06	16.5	ug/L	1056850	2	11.63	1598620	25.0	
(DEL) Alkane: Cyc...	11.11	24.6	ug/L	1573780	2	11.63	1598620	25.0	
1-Ethyl-5-methylc...	11.15	17.4	ug/L	1110700	2	11.63	1598620	25.0	
(DEL) Alkane: Str...	11.18	38.0	ug/L	2432520	2	11.63	1598620	25.0	
(DEL) Alkane: Cyc...	11.24	44.2	ug/L	2828460	2	11.63	1598620	25.0	
unknown-01	11.29	18.2	ug/L	1162230	2	11.63	1598620	25.0	
Oxalic acid, cycl...	11.34	25.4	ug/L	1622720	2	11.63	1598620	25.0	
(DEL) Alkane: Str...	11.42	84.8	ug/L	5420050	2	11.63	1598620	25.0	
(DEL) Alkane: Str...	11.52	60.5	ug/L	3868860	2	11.63	1598620	25.0	
(DEL) Alkane: Cyc...	11.93	27.0	ug/L	1724960	2	11.63	1598620	25.0	
(DEL) Alkane: Str...	12.26	39.7	ug/L	2540040	2	11.63	1598620	25.0	
Cyclooctene, 3-me...	12.34	37.3	ug/L	2386360	2	11.63	1598620	25.0	
1H-Imidazole, 4,5...	12.38	45.8	ug/L	2927530	2	11.63	1598620	25.0	
(DEL) Alkane: Str...	12.54	57.1	ug/L	3650770	2	11.63	1598620	25.0	
(DEL) Alkane: Str...	12.57	18.8	ug/L	1204070	2	11.63	1598620	25.0	
Benzene, propyl-	12.80	24.6	ug/L	2184940	3	13.57	2224620	25.0	

Benzene, 1-ethyl-...	12.88	59.0 ug/L	5249880	3	13.57	2224620	25.0
(DEL) Alkane: Str...	12.94	153.5 ug/L	13657800	3	13.57	2224620	25.0
(DEL) Alkane: Cyc...	13.00	13.4 ug/L	1195250	3	13.57	2224620	25.0
(DEL) Alkane: Str...	13.17	22.9 ug/L	2033360	3	13.57	2224620	25.0
Benzene, 1,2,3-tr...	13.26	70.0 ug/L	6226830	3	13.57	2224620	25.0
o-Cymene	13.45	25.4 ug/L	2260590	3	13.57	2224620	25.0
(DEL) Alkane: Str...	13.63	11.9 ug/L	1057630	3	13.57	2224620	25.0
Benzene, cyclopro...	13.76	26.0 ug/L	2311540	3	13.57	2224620	25.0
Benzene, 1,4-diet...	13.80	19.7 ug/L	1751270	3	13.57	2224620	25.0
1-Propyne, 3-phenyl-	13.93	12.8 ug/L	1139870	3	13.57	2224620	25.0
p-Cymene	14.05	18.8 ug/L	1673510	3	13.57	2224620	25.0
Benzene, 2-ethyl-...	14.10	20.2 ug/L	1801480	3	13.57	2224620	25.0
Indan, 1-methyl-	14.21	32.3 ug/L	2871640	3	13.57	2224620	25.0
unknown-02	14.35	25.7 ug/L	2287800	3	13.57	2224620	25.0
(DEL) Alkane: Cyc...	14.40	19.3 ug/L	1719600	3	13.57	2224620	25.0
(DEL) Alkane: Str...	14.44	13.8 ug/L	1230690	3	13.57	2224620	25.0
Benzene, 1,3-diet...	14.50	14.2 ug/L	1264980	3	13.57	2224620	25.0
unknown-03	14.55	10.8 ug/L	960479	3	13.57	2224620	25.0
Benzene, 2-etheny...	14.70	29.6 ug/L	2631580	3	13.57	2224620	25.0
(DEL) Alkane: Str...	14.73	63.7 ug/L	5666950	3	13.57	2224620	25.0
Benzene, 1,2,4,5-...	14.80	65.6 ug/L	5839710	3	13.57	2224620	25.0
2,2-Dimethylinden...	15.07	15.7 ug/L	1396130	3	13.57	2224620	25.0
(DEL) Alkane: Str...	15.57	24.2 ug/L	2153090	3	13.57	2224620	25.0

Instrument :
MSVOA_W
ClientSampleId :
F9Y41