

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
 Data File : VW016676.D
 Acq On : 28 Sep 2020 18:29
 Operator : SY/VA
 Sample : L4109-19
 Misc : 6.32G/10ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Z0

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\SOM2WLM091520S.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	4.123	356	364	398	rVB	268046	1285933	0.97%	0.107%
2	4.946	471	499	500	rBV2	34242471	94287038	71.05%	7.846%
3	5.428	564	578	579	rBV	33638355	62089053	46.79%	5.167%
4	5.940	650	662	664	rBV	35499859	72542680	54.66%	6.037%
5	6.281	710	718	723	rBV	676699	1753478	1.32%	0.146%
6	6.336	723	727	739	rVB	529878	1333796	1.01%	0.111%
7	6.476	739	750	762	rBV4	341552	1399182	1.05%	0.116%
8	6.751	778	795	810	rBV	33218894	132704832	100.00%	11.043%
9	6.909	810	821	829	rBV	26901778	94069367	70.89%	7.828%
10	7.007	829	837	838	rBV2	33235415	64506311	48.61%	5.368%
11	7.183	857	866	897	rVB	2852356	10117218	7.62%	0.842%
12	7.647	932	942	945	rBV2	516335	1324086	1.00%	0.110%
13	7.708	945	952	971	rVB	1492418	4637355	3.49%	0.386%
14	7.964	980	994	1002	rBV3	5782799	21055472	15.87%	1.752%
15	8.043	1002	1007	1018	rVB	1583089	4079267	3.07%	0.339%
16	8.165	1018	1027	1035	rBV	3204177	7787055	5.87%	0.648%
17	8.281	1041	1046	1059	rVB2	619891	1708771	1.29%	0.142%
18	8.433	1062	1071	1078	rBV3	690309	1895234	1.43%	0.158%
19	8.701	1105	1115	1128	rVB	4393333	8605714	6.48%	0.716%
20	8.842	1128	1138	1145	rBV	887677	1820591	1.37%	0.151%
21	9.079	1169	1177	1185	rBV	1464653	3312605	2.50%	0.276%
22	9.335	1201	1219	1225	rBV4	2985227	9049336	6.82%	0.753%
23	9.390	1225	1228	1237	rVB	894758	1700511	1.28%	0.142%
24	9.616	1255	1265	1273	rVB2	934383	2426417	1.83%	0.202%
25	9.756	1281	1288	1300	rVB2	1568670	3467706	2.61%	0.289%
26	9.902	1300	1312	1316	rBV	1723068	3505233	2.64%	0.292%
27	9.963	1316	1322	1336	rVB2	9258786	21758506	16.40%	1.811%
28	10.104	1336	1345	1358	rVB2	8077757	18874303	14.22%	1.571%
29	10.219	1358	1364	1366	rBV	871320	1589748	1.20%	0.132%
30	10.250	1366	1369	1375	rVB2	1023718	1853123	1.40%	0.154%
31	10.329	1375	1382	1386	rBV	12606852	26009114	19.60%	2.164%
32	10.366	1386	1388	1396	rVB	5505350	7996988	6.03%	0.665%
33	10.451	1396	1402	1405	rBV	869335	1586123	1.20%	0.132%
34	10.512	1405	1412	1420	rVB2	22087971	39854547	30.03%	3.316%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Title : VOC Analysis

35	10.628	1420	1431	1433	rBV3	1591187	3144343	2.37%	0.262%
36	10.671	1433	1438	1447	rVB	8445628	16358669	12.33%	1.361%
37	10.768	1447	1454	1459	rBV	4331668	9199575	6.93%	0.766%
38	10.853	1464	1468	1473	rVB	2137652	3548328	2.67%	0.295%
39	10.939	1473	1482	1490	rBV	4315178	8074751	6.08%	0.672%
40	11.042	1492	1499	1506	rBV	2578296	5093340	3.84%	0.424%
41	11.116	1506	1511	1514	rBV2	1291902	2211091	1.67%	0.184%
42	11.183	1514	1522	1526	rBV	5939523	10276920	7.74%	0.855%
43	11.238	1526	1531	1536	rVB	4520259	7789678	5.87%	0.648%
44	11.341	1543	1548	1553	rBV2	1813104	2756715	2.08%	0.229%
45	11.414	1553	1560	1562	rBV3	1503482	2884093	2.17%	0.240%
46	11.512	1571	1576	1582	rBV	1230221	1980726	1.49%	0.165%
47	11.658	1598	1600	1606	rVB	1198447	1672525	1.26%	0.139%
48	11.725	1606	1611	1615	rBV2	810680	1380442	1.04%	0.115%
49	11.841	1621	1630	1634	rBV2	2946836	5378588	4.05%	0.448%
50	11.920	1640	1643	1648	rVB	700479	1114313	0.84%	0.093%
51	12.140	1671	1679	1685	rBV3	1094072	2553591	1.92%	0.212%
52	12.256	1691	1698	1702	rVB	1332224	2245679	1.69%	0.187%
53	12.341	1702	1712	1713	rBV5	765234	1725240	1.30%	0.144%
54	12.542	1742	1745	1748	rVV2	1037247	1696011	1.28%	0.141%
55	12.798	1780	1787	1792	rVB2	1271863	3396276	2.56%	0.283%
56	12.865	1792	1798	1802	rBV2	1738308	3269376	2.46%	0.272%
57	12.932	1802	1809	1816	rVV2	8676035	14856494	11.20%	1.236%
58	12.993	1816	1819	1824	rVB4	947623	1458552	1.10%	0.121%
59	13.085	1829	1834	1837	rBV2	1000315	1793509	1.35%	0.149%
60	13.170	1844	1848	1854	rVB	3307754	4683033	3.53%	0.390%
61	13.255	1856	1862	1866	rVB	2029850	3158475	2.38%	0.263%
62	13.347	1873	1877	1880	rBV	965956	1613140	1.22%	0.134%
63	13.444	1887	1893	1897	rBV2	2778547	4895267	3.69%	0.407%
64	13.499	1897	1902	1908	rVV3	5126278	10211297	7.69%	0.850%
65	13.579	1908	1915	1920	rVV	13556830	24756263	18.66%	2.060%
66	13.627	1920	1923	1930	rVB2	1800099	2602450	1.96%	0.217%
67	13.725	1930	1939	1940	rBV2	2483065	4476084	3.37%	0.372%
68	13.749	1940	1943	1946	rVV	3155636	4313188	3.25%	0.359%
69	13.792	1946	1950	1958	rVB3	5066855	9544473	7.19%	0.794%
70	13.877	1958	1964	1969	rBV2	12928834	19559497	14.74%	1.628%
71	13.950	1973	1976	1980	rVV	2083820	2864228	2.16%	0.238%

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72	14.018	1982	1987	1988	rVV	4078022	5955417	4.49%	0.496%
73	14.042	1988	1991	1996	rVV	4955066	7573412	5.71%	0.630%
74	14.097	1996	2000	2005	rVB	7749844	11210327	8.45%	0.933%
75	14.200	2012	2017	2022	rBV3	2660903	4603763	3.47%	0.383%
76	14.267	2022	2028	2034	rVV6	1206054	2664039	2.01%	0.222%
77	14.347	2034	2041	2045	rBV3	2893750	6346210	4.78%	0.528%
78	14.389	2045	2048	2050	rVV2	3463422	5237925	3.95%	0.436%
79	14.426	2050	2054	2057	rVV	5873128	10947117	8.25%	0.911%
80	14.463	2057	2060	2064	rVV	7494734	10610887	8.00%	0.883%
81	14.499	2064	2066	2070	rVV2	2592679	3389435	2.55%	0.282%
82	14.548	2070	2074	2080	rVB4	1588343	2591738	1.95%	0.216%
83	14.639	2085	2089	2094	rVB2	1382934	2535764	1.91%	0.211%
84	14.694	2094	2098	2099	rBV2	920170	1231645	0.93%	0.102%
85	14.725	2099	2103	2109	rVB2	7836043	12131813	9.14%	1.010%
86	14.798	2109	2115	2119	rBV3	3862901	7872231	5.93%	0.655%
87	14.841	2119	2122	2130	rVB2	2856594	6453158	4.86%	0.537%
88	15.072	2155	2160	2164	rBV2	1480315	2810866	2.12%	0.234%
89	15.139	2164	2171	2185	rVV	47783388	103168064	77.74%	8.585%
90	15.249	2185	2189	2197	rVB6	1422303	3347301	2.52%	0.279%
91	15.328	2197	2202	2210	rBV	2511020	4279651	3.22%	0.356%
92	15.560	2233	2240	2248	rVB	16038753	30827761	23.23%	2.565%
93	15.664	2248	2257	2263	rBV6	956610	2801727	2.11%	0.233%
94	15.731	2264	2268	2275	rVB5	813141	1557079	1.17%	0.130%
95	15.865	2287	2290	2295	rVB3	677253	1087308	0.82%	0.090%
96	16.176	2332	2341	2345	rBV6	619230	1776588	1.34%	0.148%
97	16.285	2355	2359	2367	rVB	622578	1186689	0.89%	0.099%
98	16.377	2369	2374	2379	rVV	638385	1307873	0.99%	0.109%
99	16.499	2389	2394	2399	rVB	1324585	2327956	1.75%	0.194%
100	16.608	2406	2412	2432	rVB	658110	3357962	2.53%	0.279%

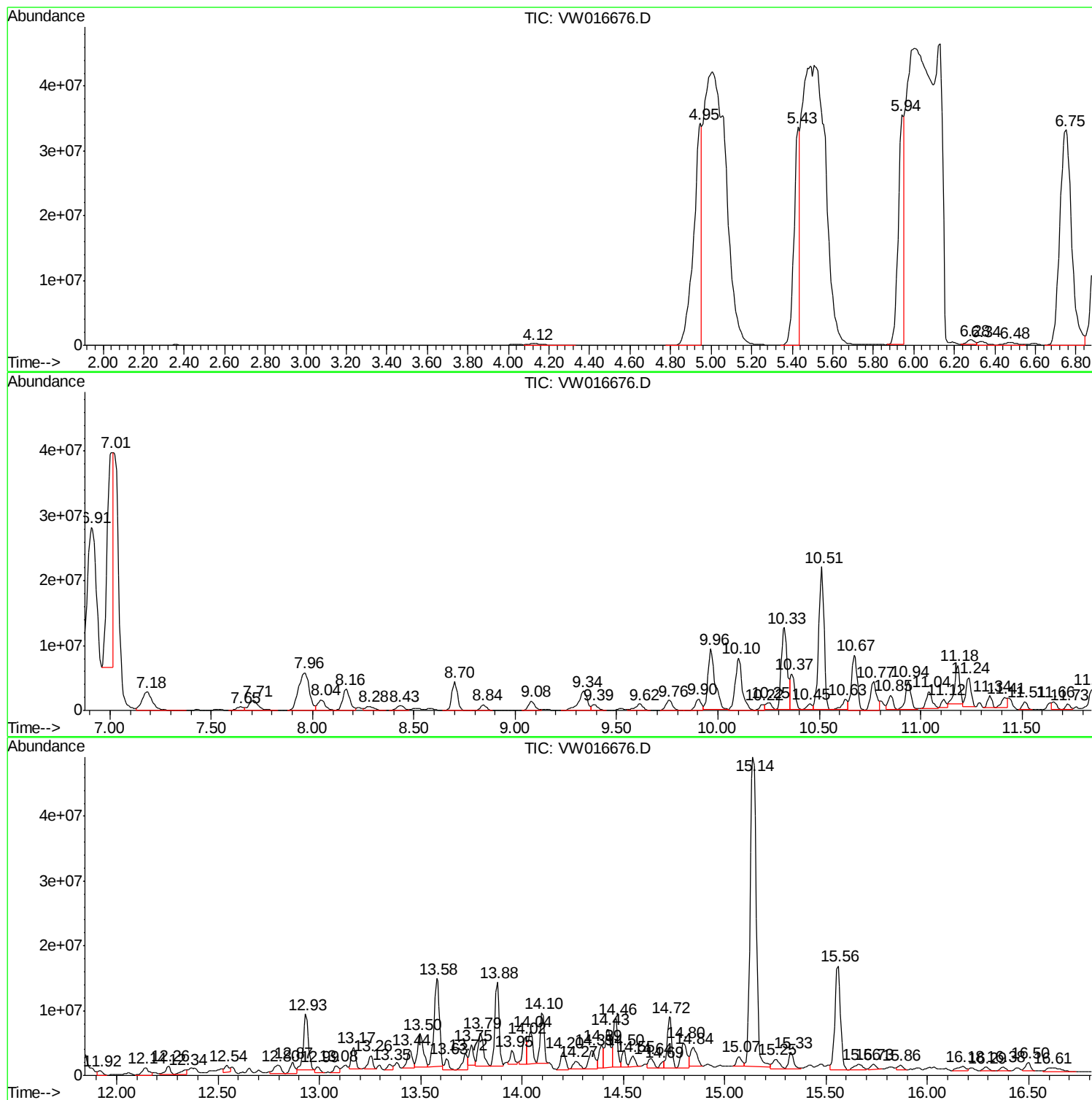
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Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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



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Instrument :
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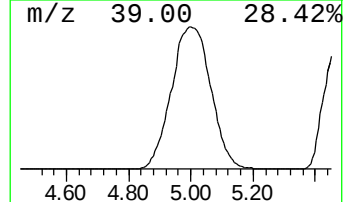
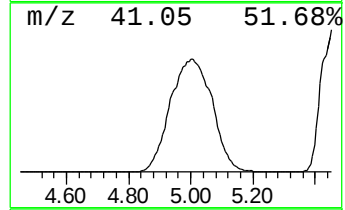
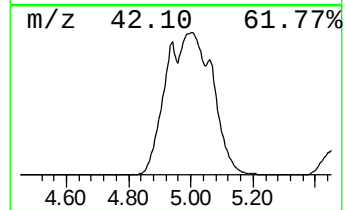
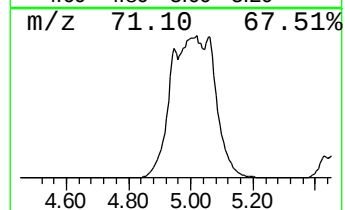
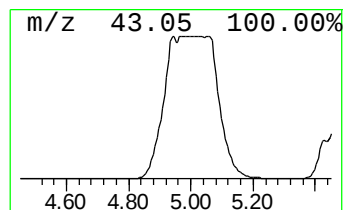
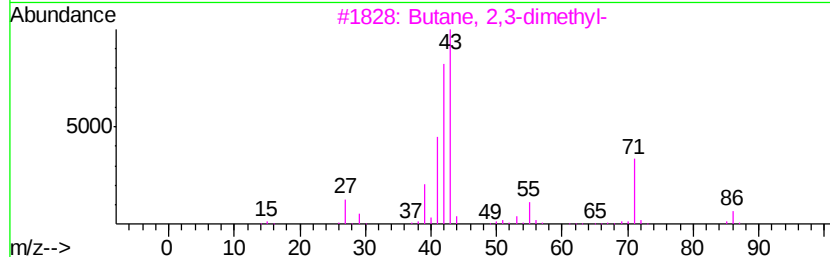
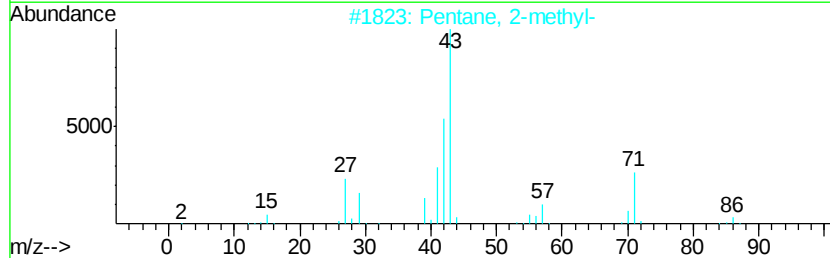
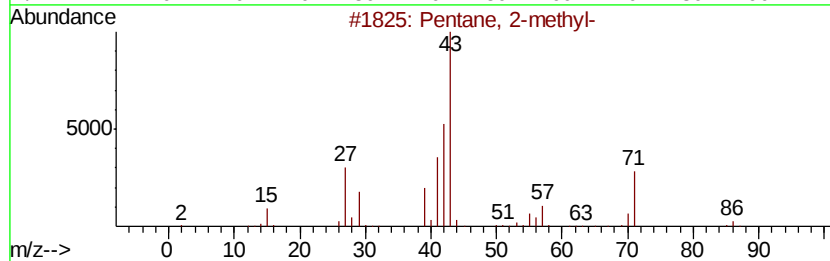
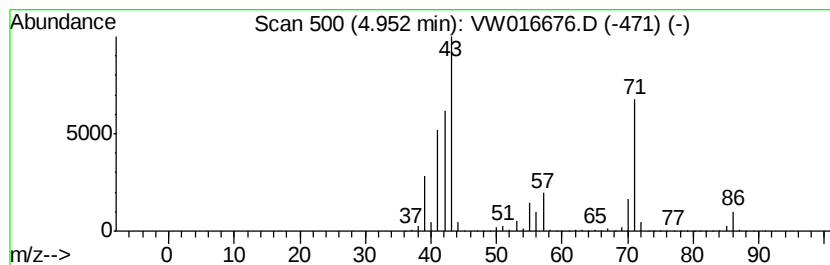
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	1294.73 ug/L	94287000	1,4-Difluorobenzene	8.84

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	90
3		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	52
4		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	47
5		Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	47



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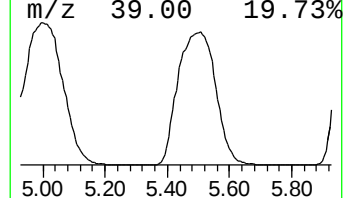
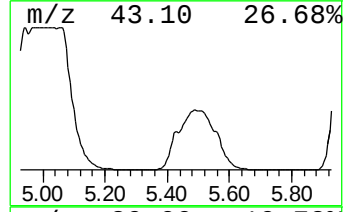
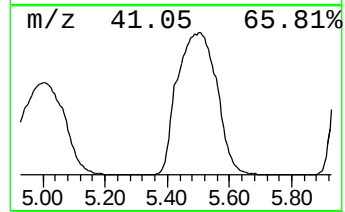
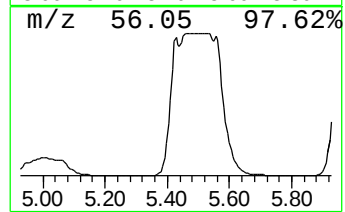
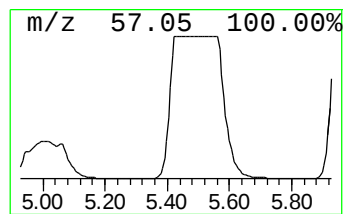
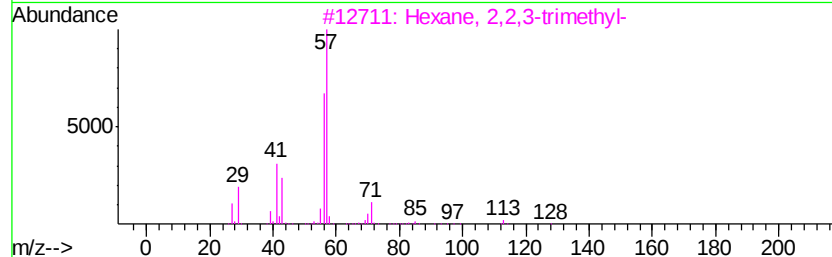
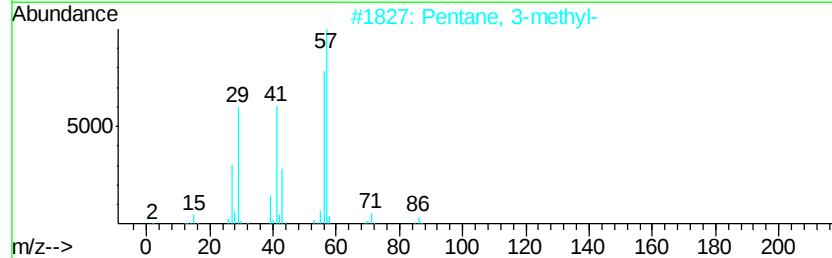
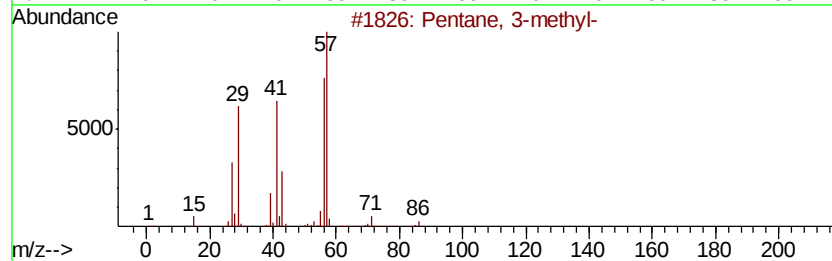
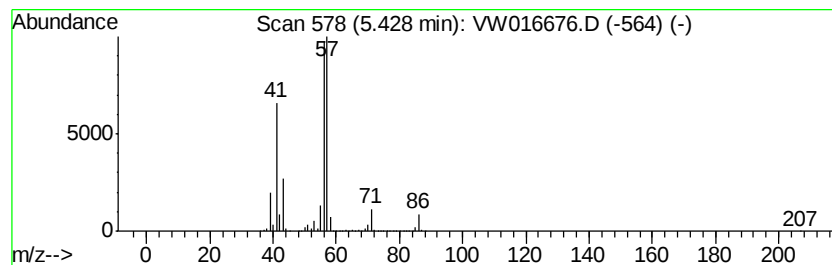
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.43	852.60 ug/L	62089100	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-methyl-	86	C6H14	000096-14-0	83
2		Pentane, 3-methyl-	86	C6H14	000096-14-0	59
3		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	56
4		Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	45
5		Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	45



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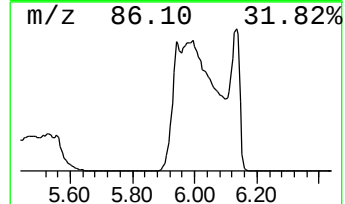
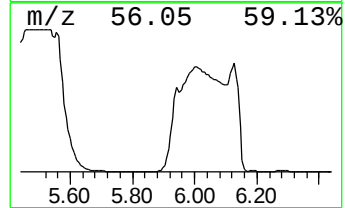
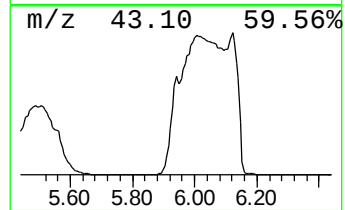
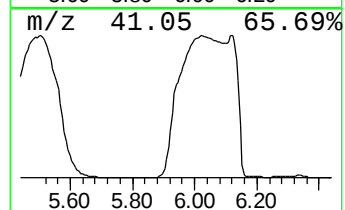
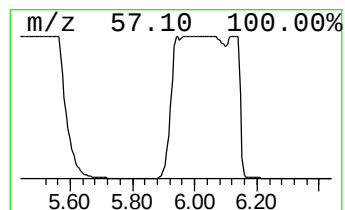
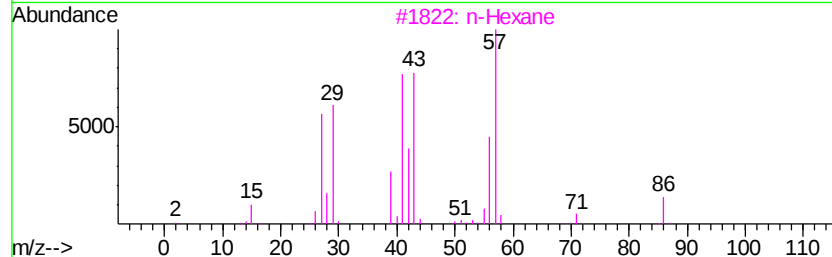
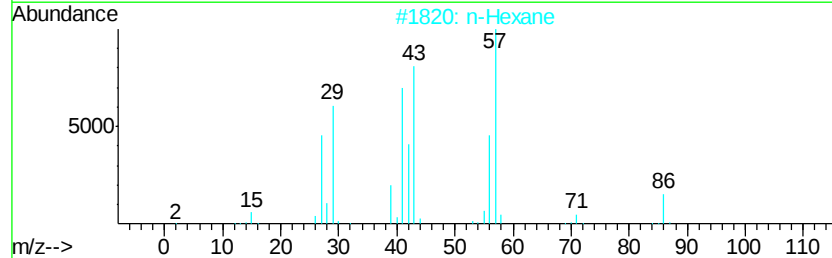
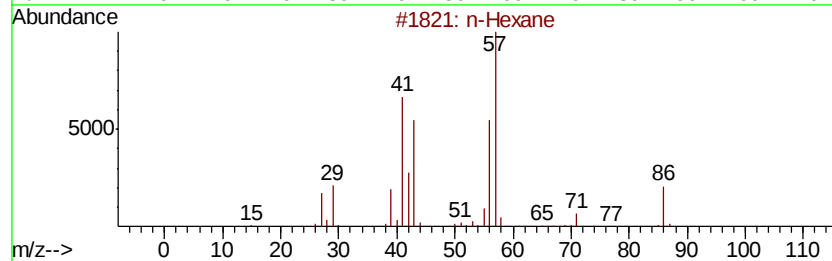
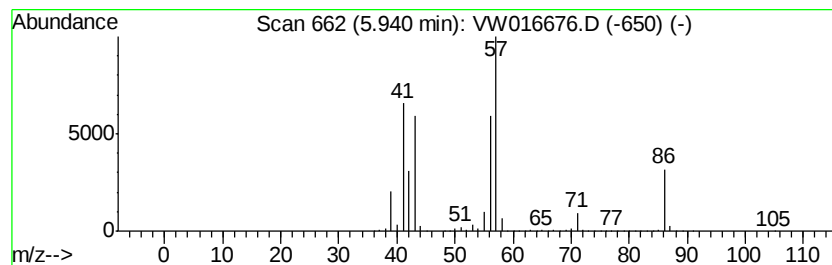
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Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	996.14 ug/L	72542700	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	91
2		n-Hexane	86	C6H14	000110-54-3	59
3		n-Hexane	86	C6H14	000110-54-3	59
4		Pentane, 3-methyl-	86	C6H14	000096-14-0	42
5		Pentane, 3-methyl-	86	C6H14	000096-14-0	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

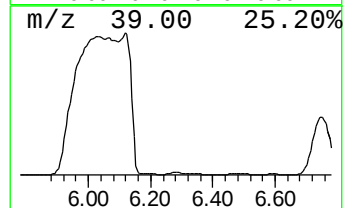
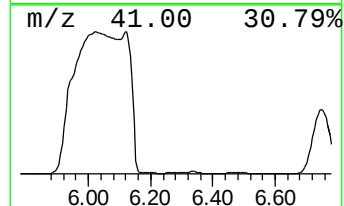
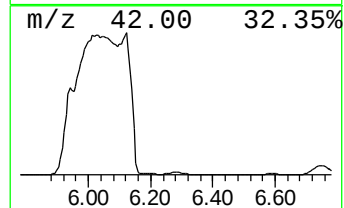
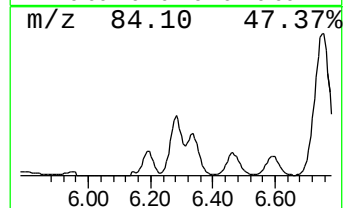
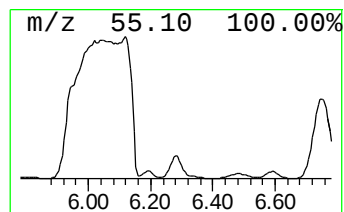
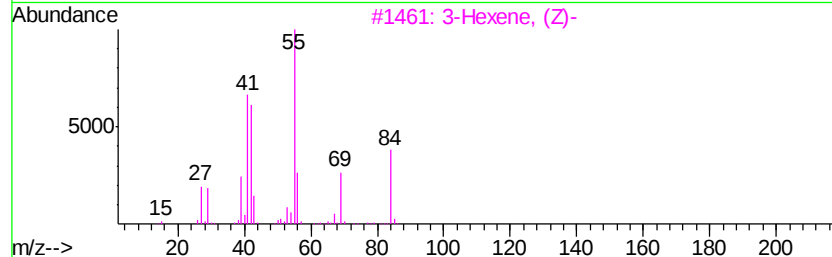
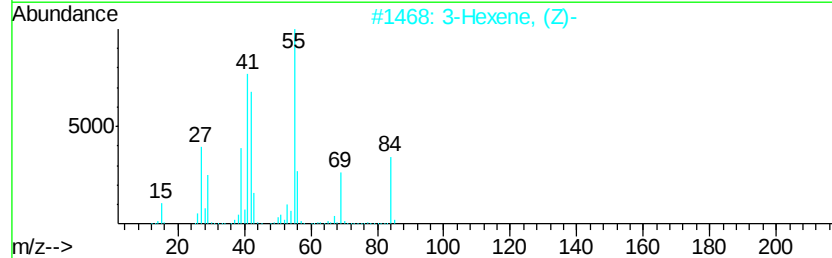
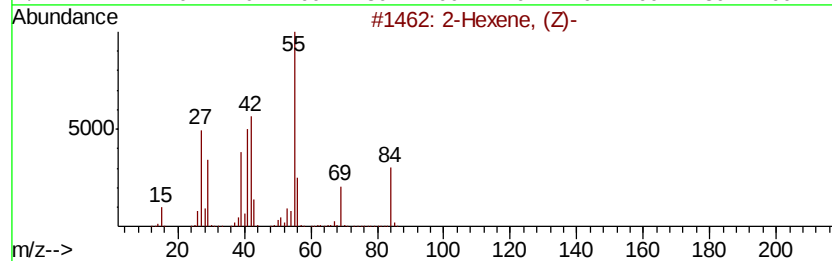
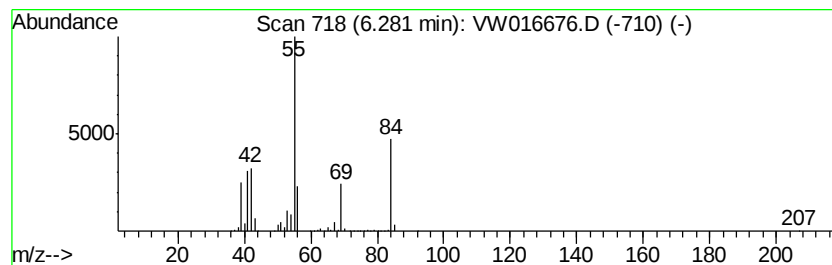
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	24.08 ug/L	1753480	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, (Z)-		84	C6H12	007688-21-3	91
2	3-Hexene, (Z)-		84	C6H12	007642-09-3	91
3	3-Hexene, (Z)-		84	C6H12	007642-09-3	91
4	2-Hexene, (Z)-		84	C6H12	007688-21-3	91
5	2-Hexene		84	C6H12	000592-43-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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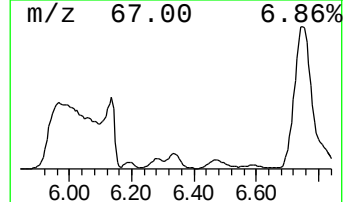
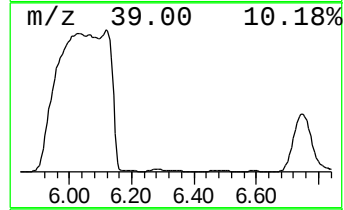
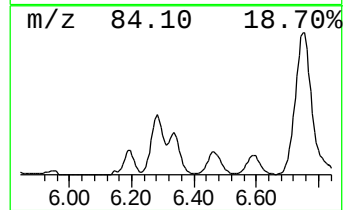
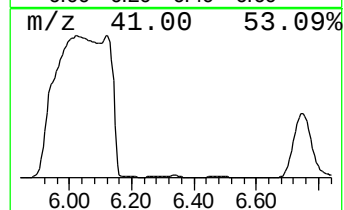
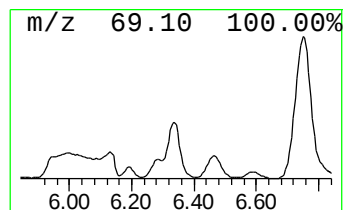
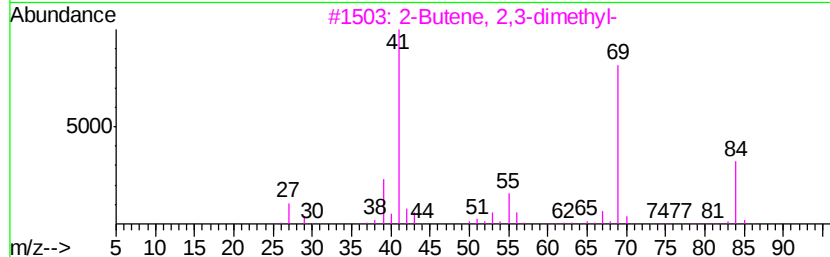
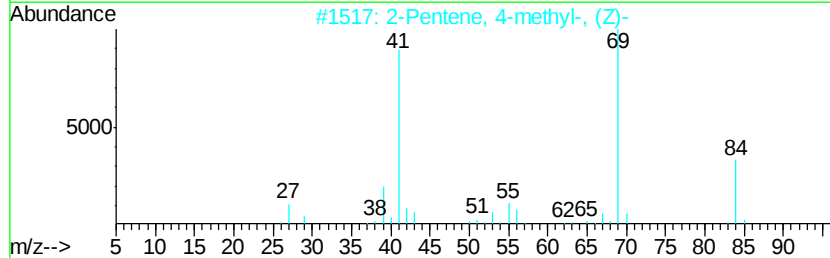
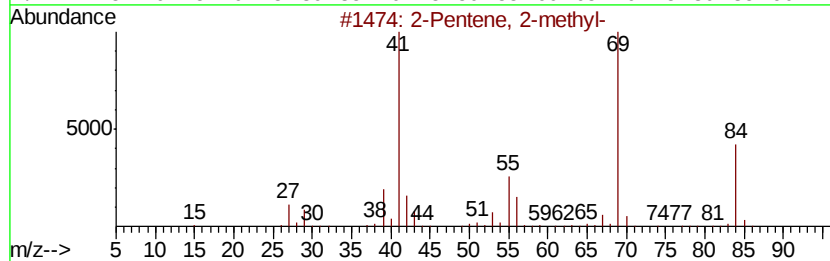
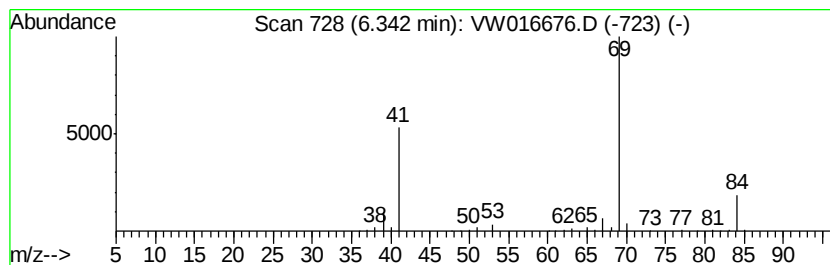
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	18.32 ug/L	1333800	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	90
2		2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	83
3		2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	83
4		2-Pentene, 4-methyl-	84	C6H12	004461-48-7	83
5		2-Pentene, 2-methyl-	84	C6H12	000625-27-4	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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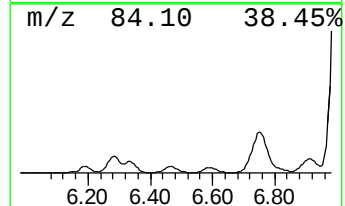
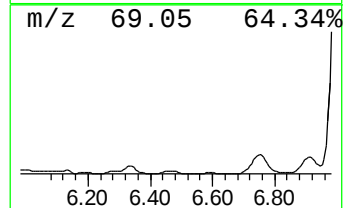
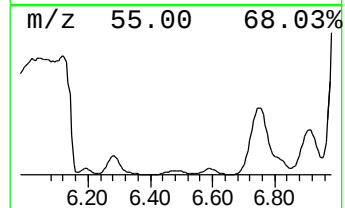
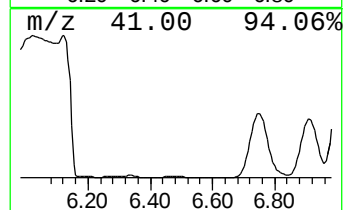
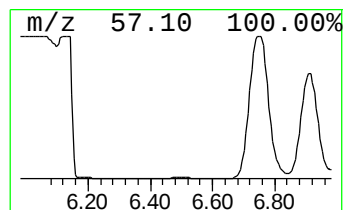
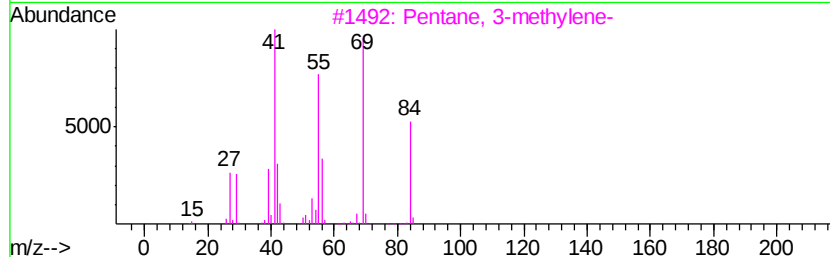
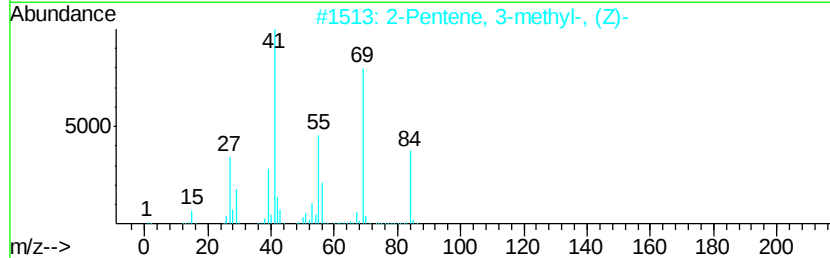
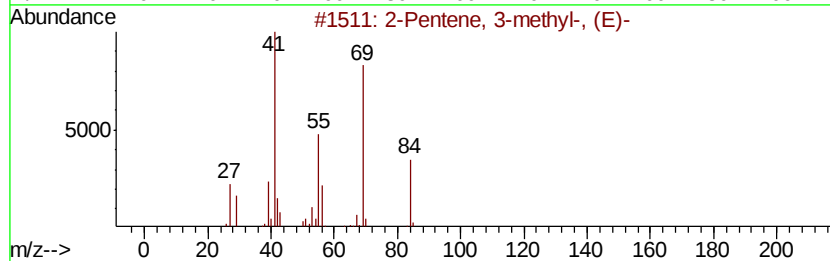
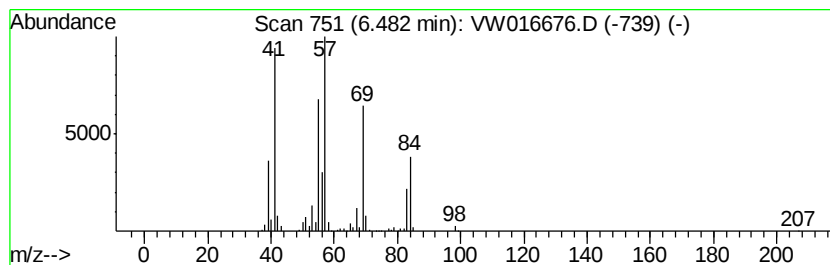
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	19.21 ug/L	1399180	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (E)-			84	C6H12	000616-12-6	86
2	2-Pentene, 3-methyl-, (Z)-			84	C6H12	000922-62-3	70
3	Pentane, 3-methylene-			84	C6H12	000760-21-4	70
4	2-Pentene, 3-methyl-, (E)-			84	C6H12	000616-12-6	70
5	2-Pentene, 3-methyl-			84	C6H12	000922-61-2	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
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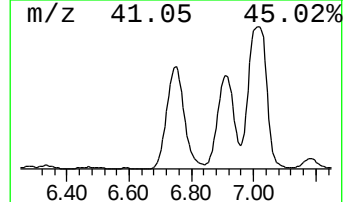
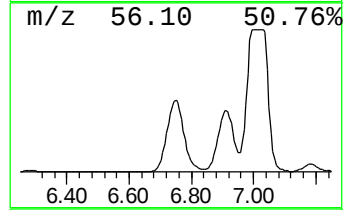
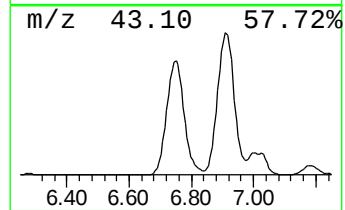
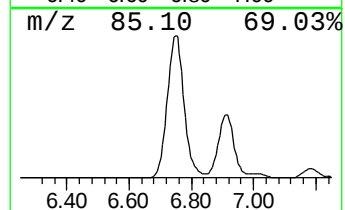
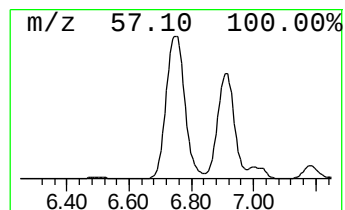
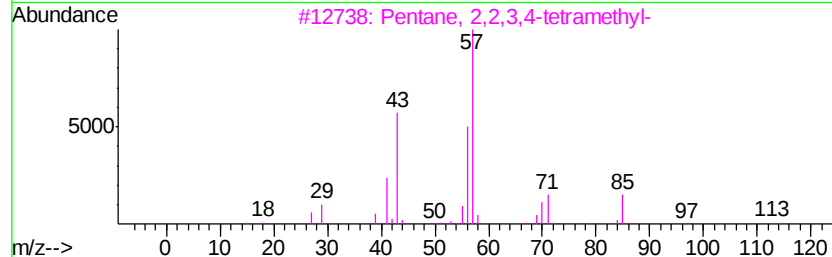
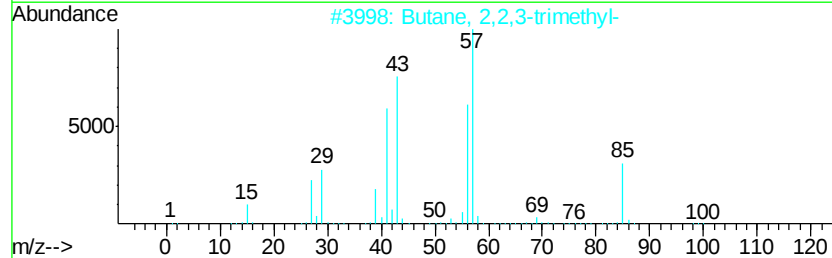
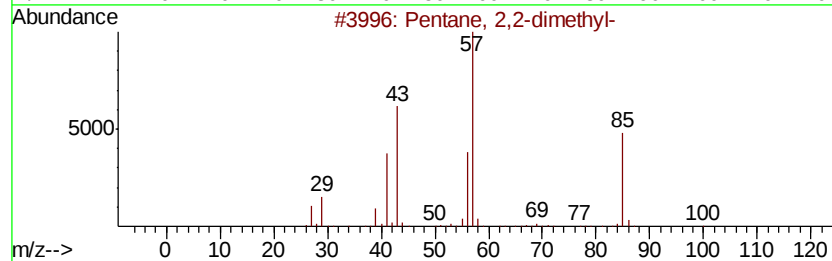
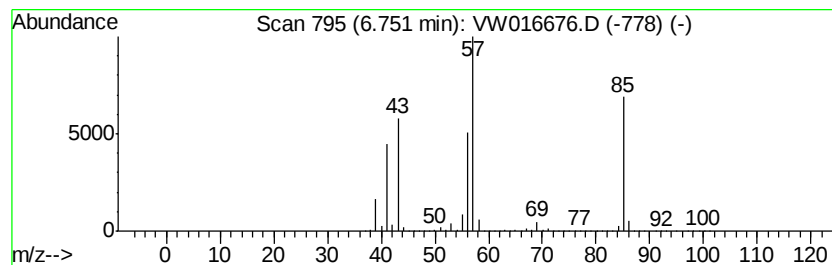
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	1822.28 ug/L	132705000	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	90
2		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	83
3		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	78
4		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	74
5		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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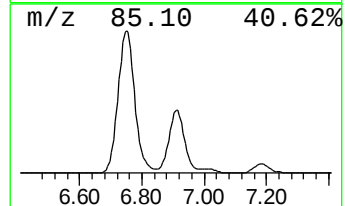
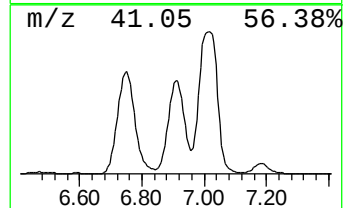
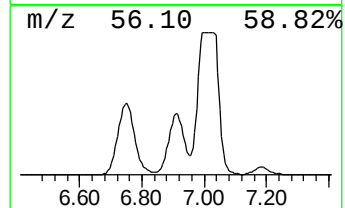
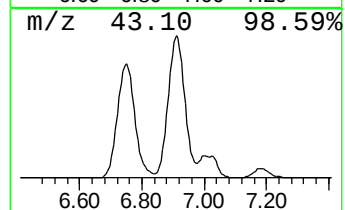
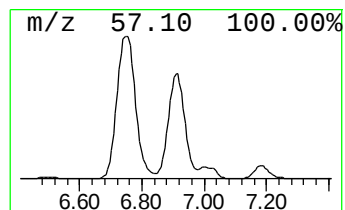
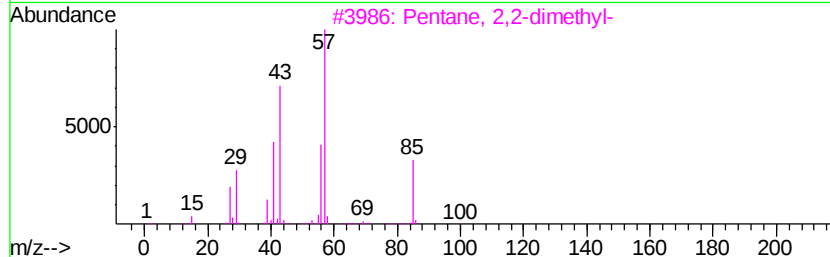
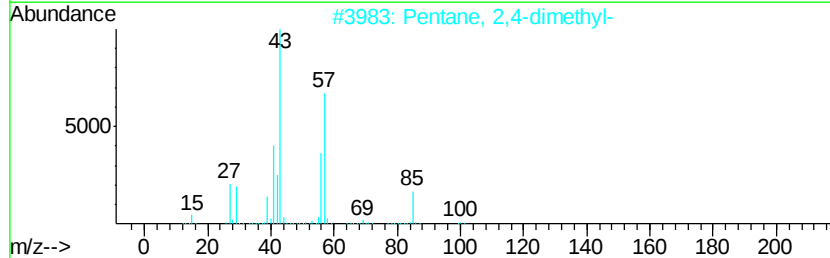
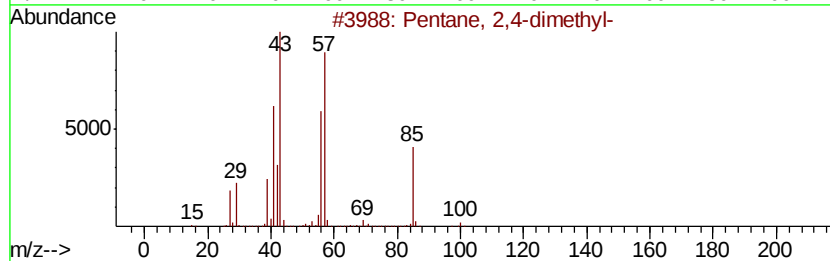
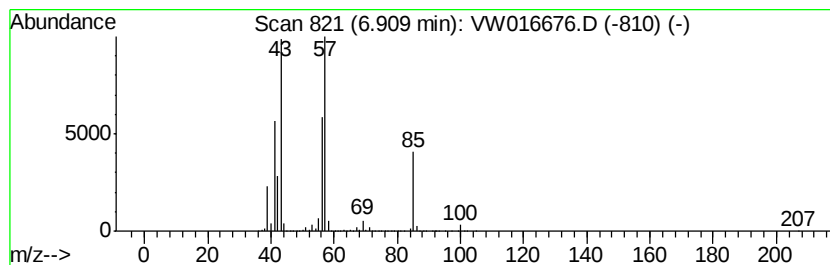
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	1291.74 ug/L	94069400	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	94
2		Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
3		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	72
4		Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	72
5		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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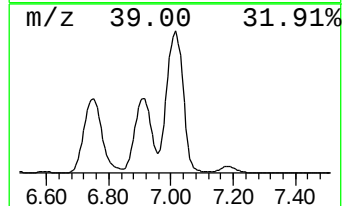
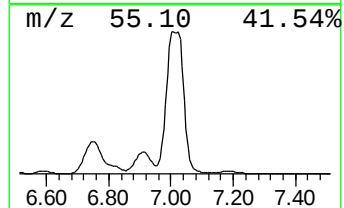
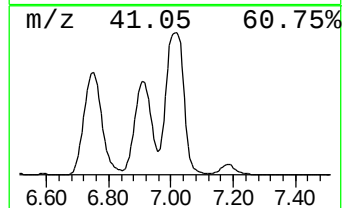
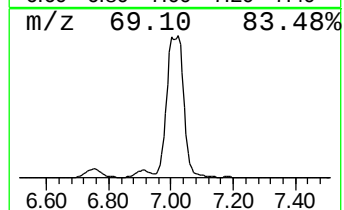
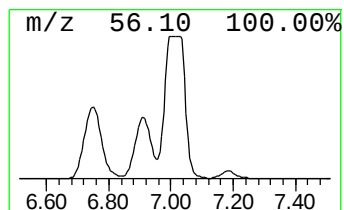
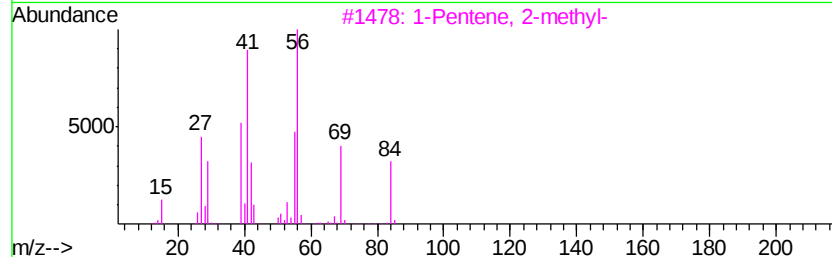
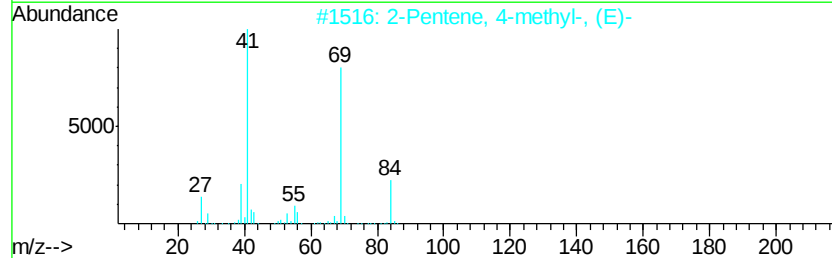
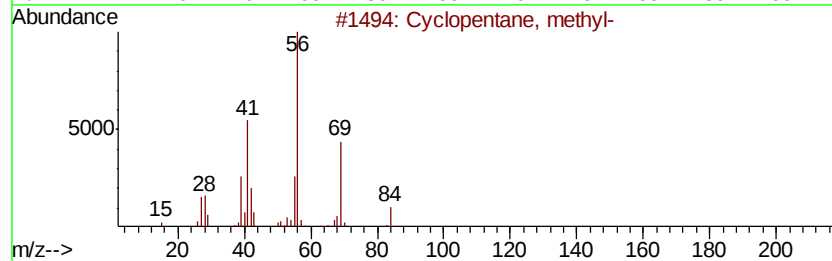
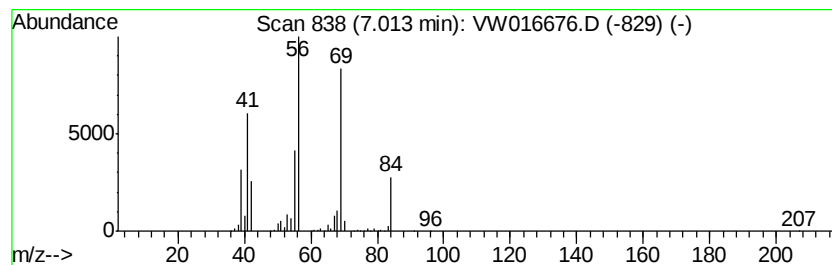
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Cyclic7.01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	885.79 ug/L	64506300	1,4-Difluorobenzene	8.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, methyl-	84	C6H12	000096-37-7	86
2		2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	46
3		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	46
4		Cyclopentane, methyl-	84	C6H12	000096-37-7	43
5		1-Pentene, 3-methyl-	84	C6H12	000760-20-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

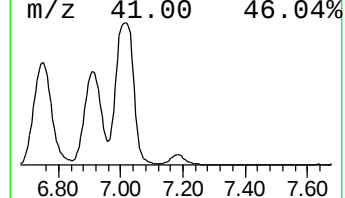
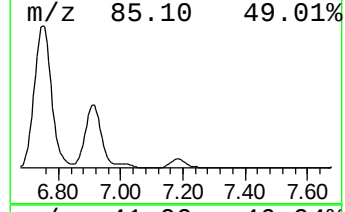
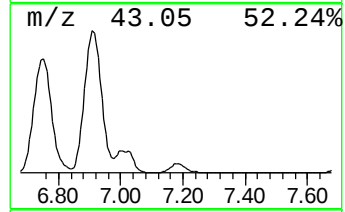
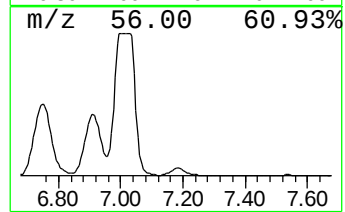
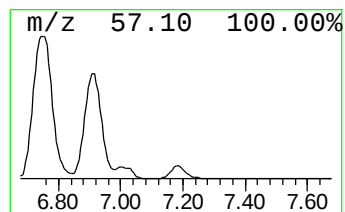
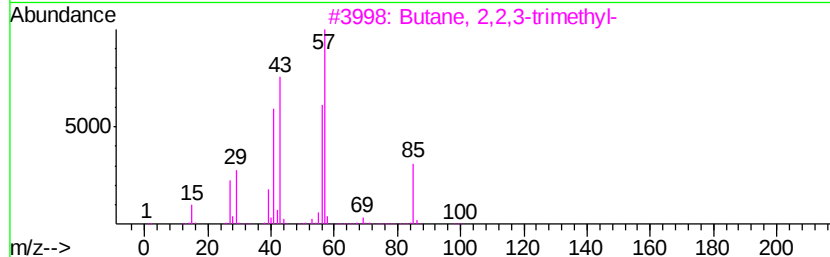
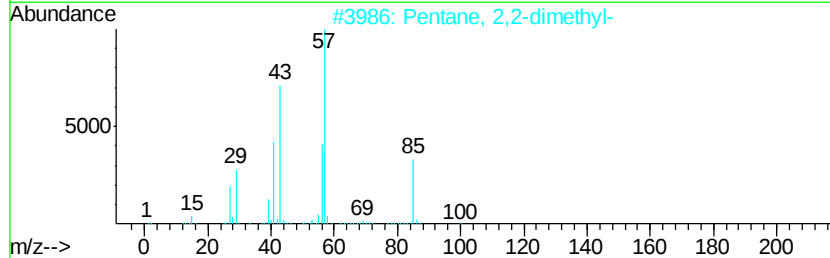
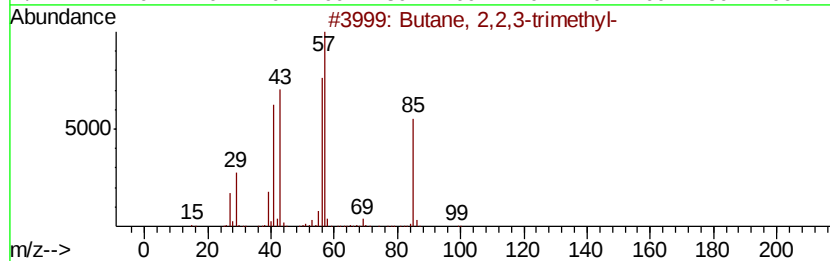
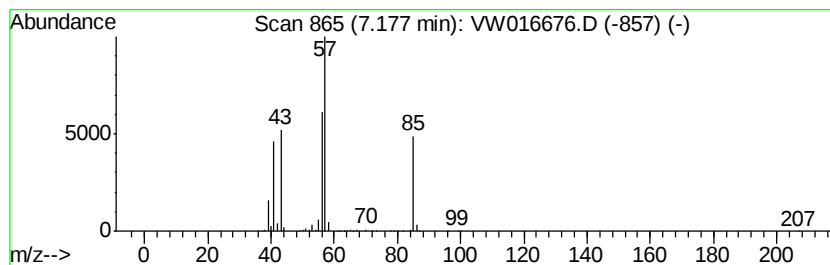
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	138.93 ug/L	10117200	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	90
2		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	78
3		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	74
4		Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	64
5		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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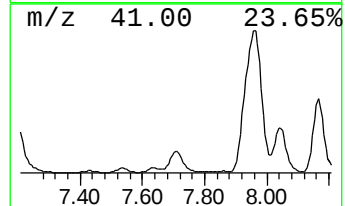
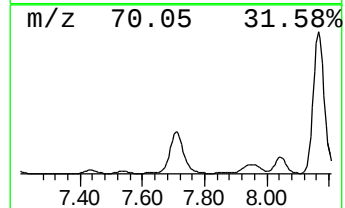
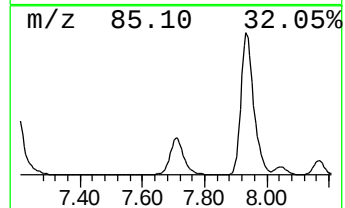
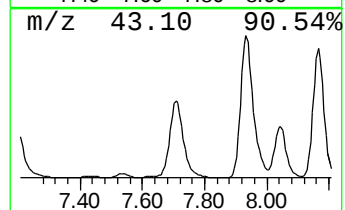
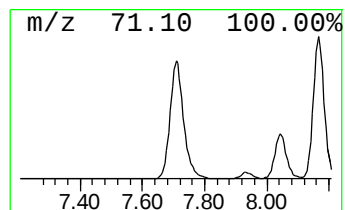
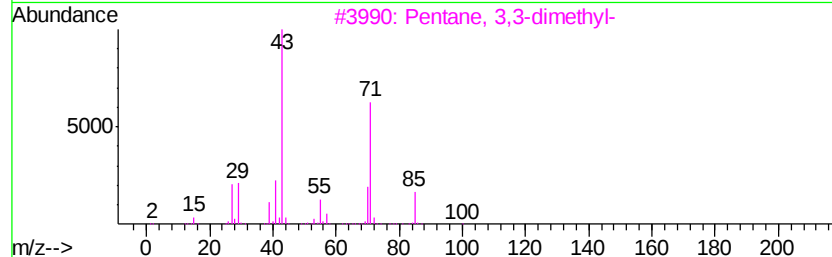
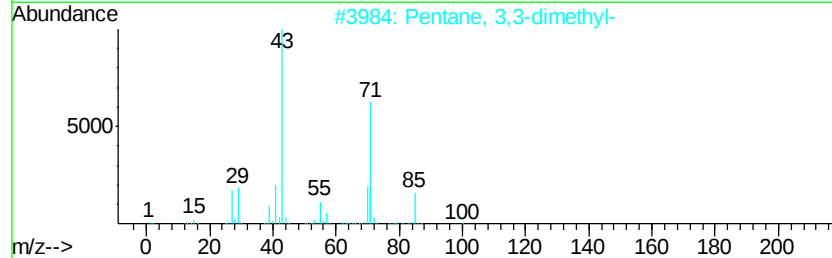
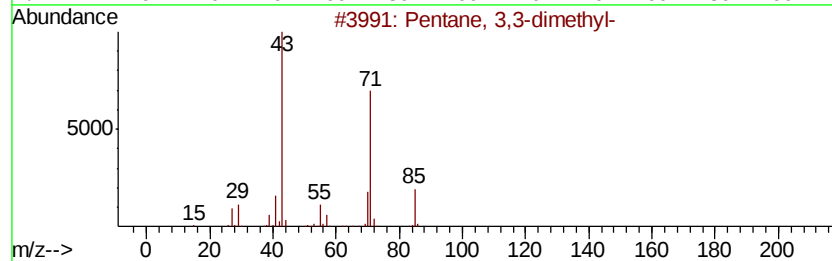
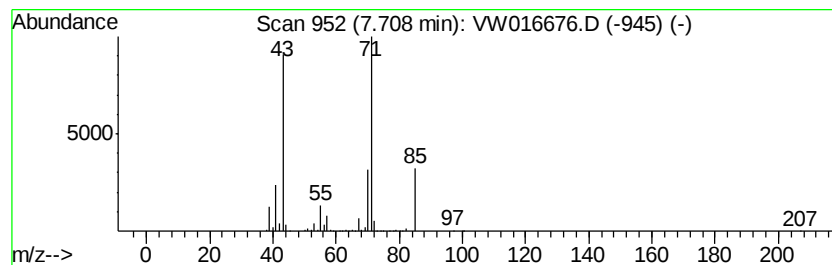
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	63.68 ug/L	4637360	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	83
2		Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	74
3		Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	74
4		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	50
5		2,2'-Bifuran, octahydro-	142	C8H14O2	001592-33-2	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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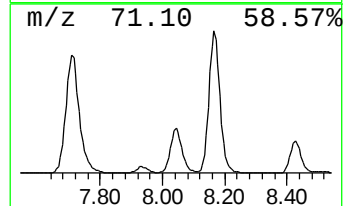
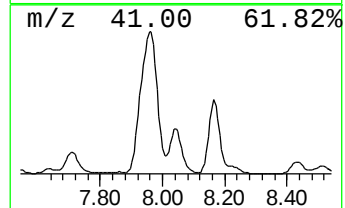
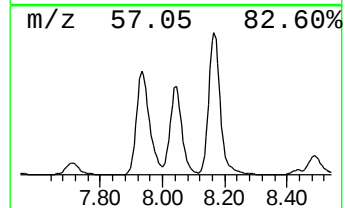
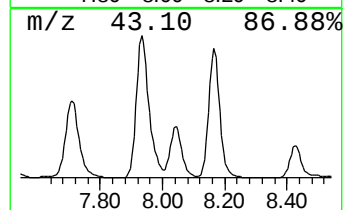
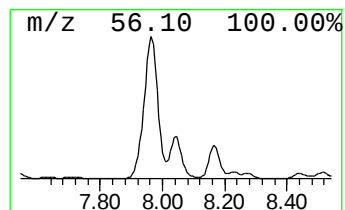
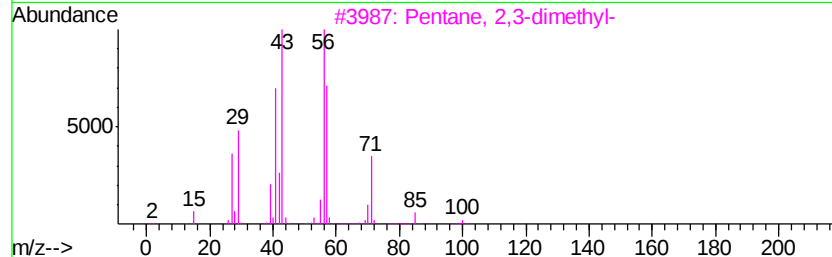
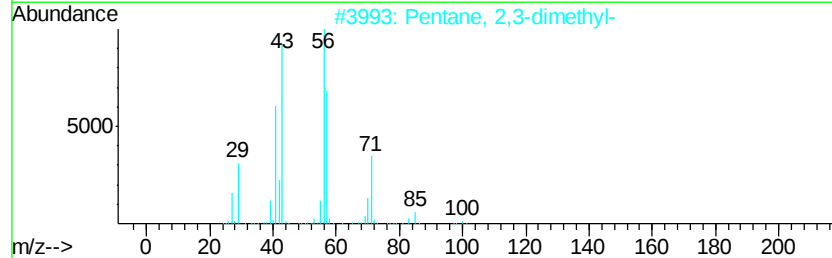
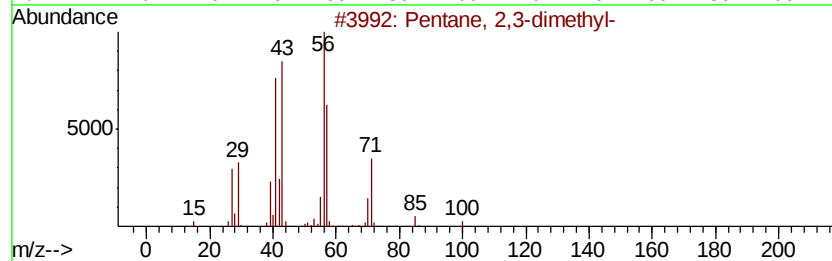
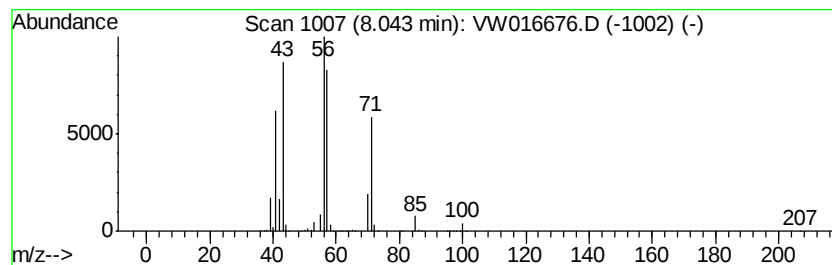
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	56.02 ug/L	4079270	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
3		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
4		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
5		Ethane, isocyanato-	71	C3H5NO	000109-90-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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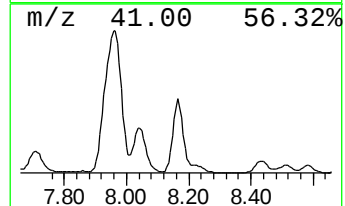
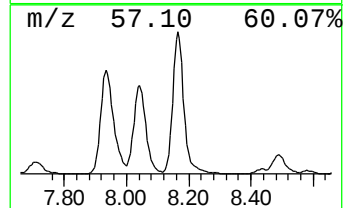
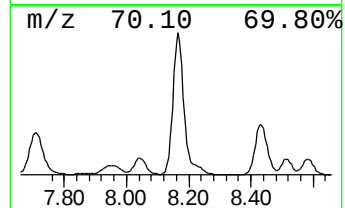
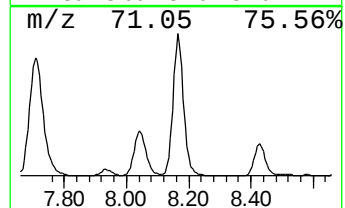
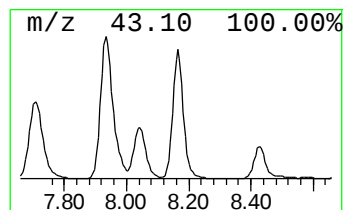
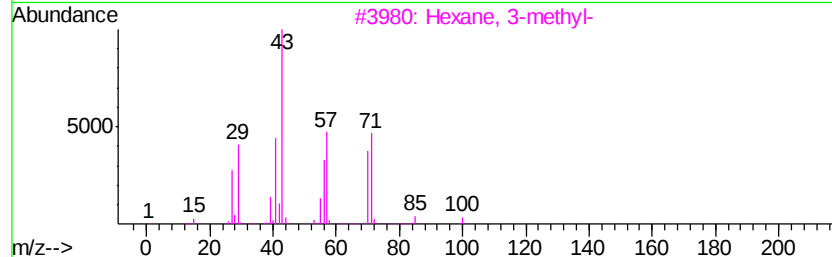
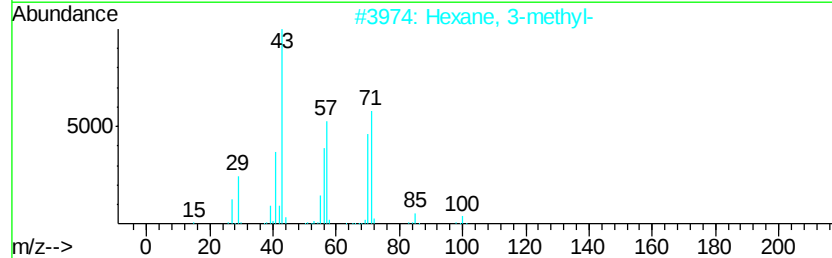
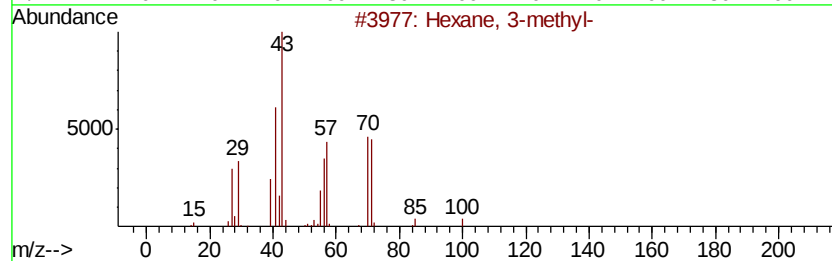
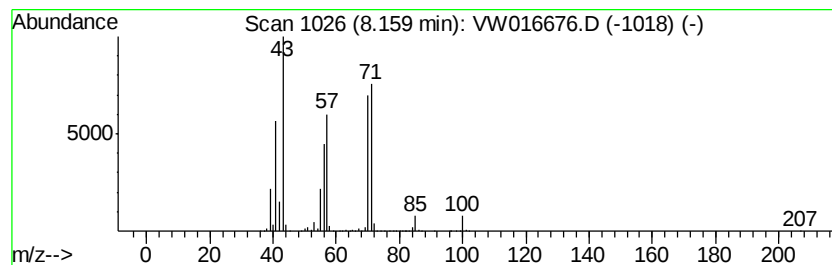
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	106.93 ug/L	7787060	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3-methyl-	100	C7H16	000589-34-4	95
2		Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3		Hexane, 3-methyl-	100	C7H16	000589-34-4	90
4		Heptane	100	C7H16	000142-82-5	72
5		Heptane, 4-methyl-	114	C8H18	000589-53-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
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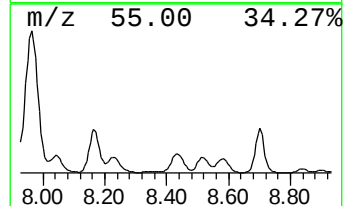
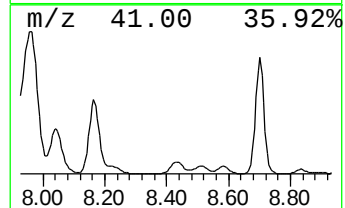
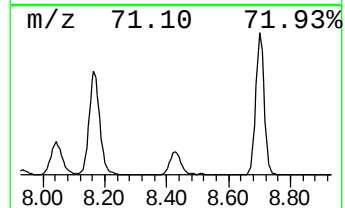
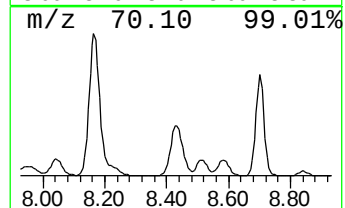
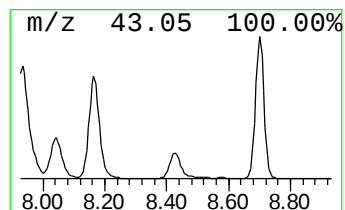
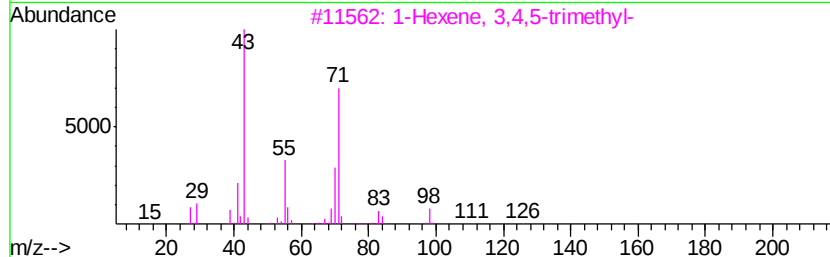
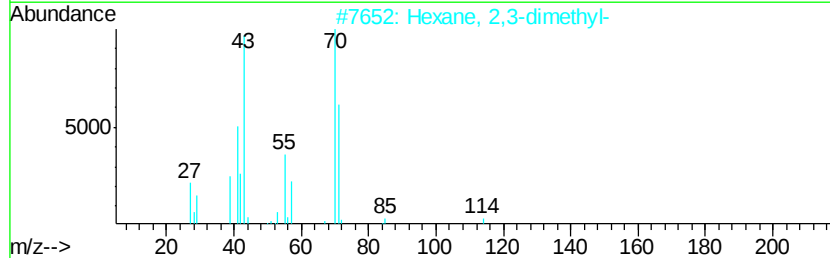
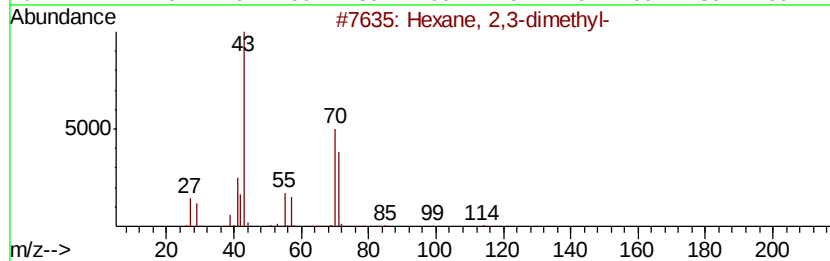
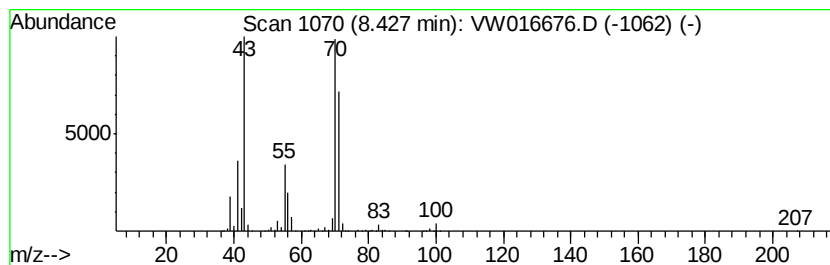
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Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	26.03 ug/L	1895230	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	50
2		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	45
3		1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	38
4		Pentane, 3-ethyl-	100	C7H16	000617-78-7	38
5		Hexane, 3-methyl-	100	C7H16	000589-34-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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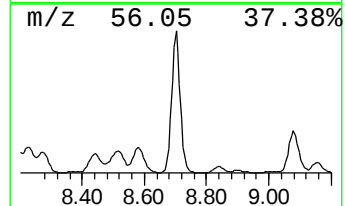
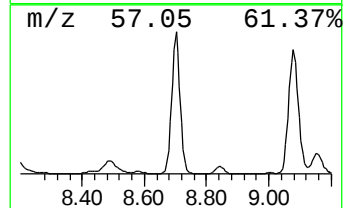
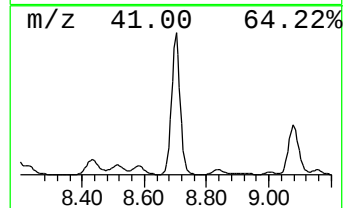
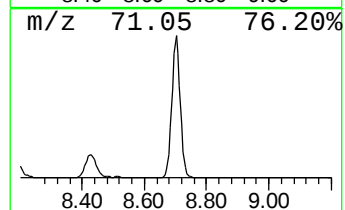
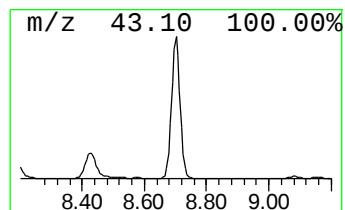
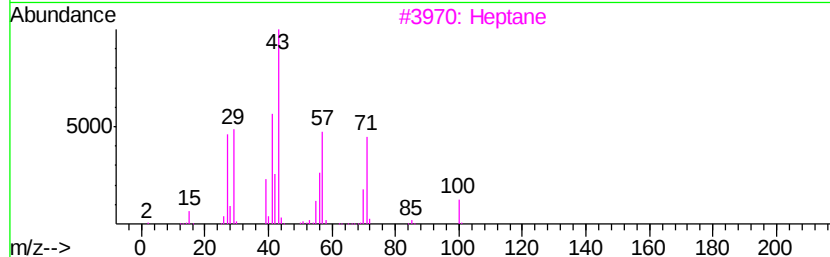
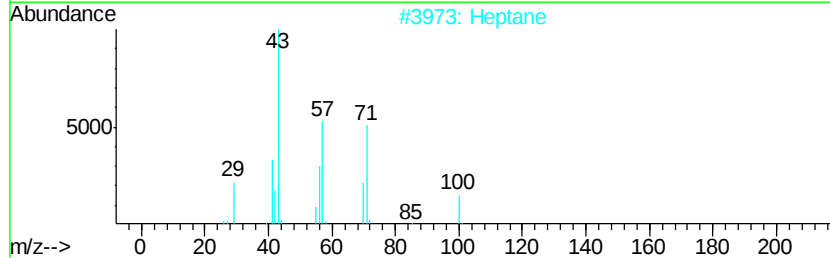
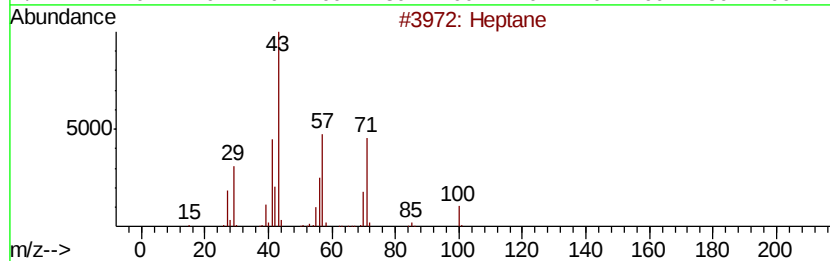
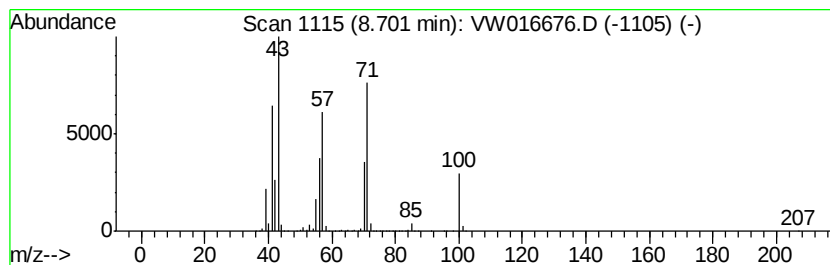
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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	118.17 ug/L	8605710	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	91
2		Heptane	100	C7H16	000142-82-5	58
3		Heptane	100	C7H16	000142-82-5	53
4		Heptane	100	C7H16	000142-82-5	50
5		Hexane, 3-methyl-	100	C7H16	000589-34-4	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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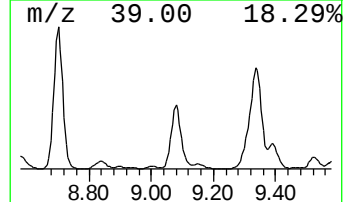
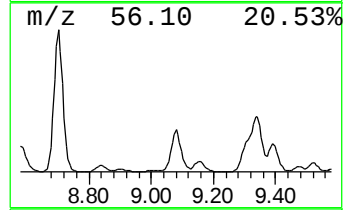
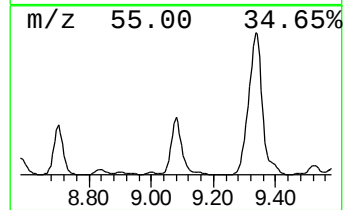
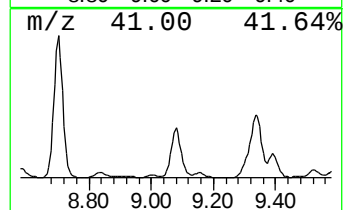
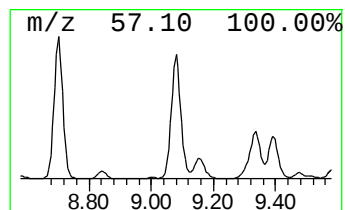
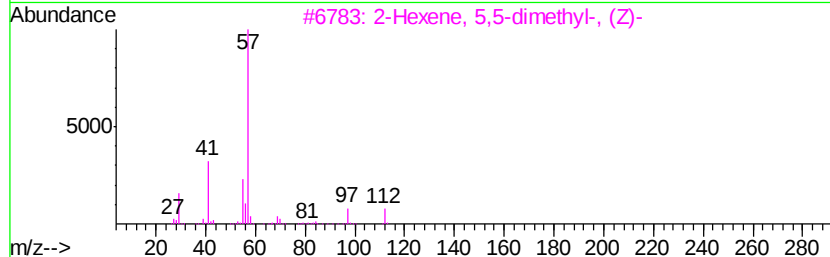
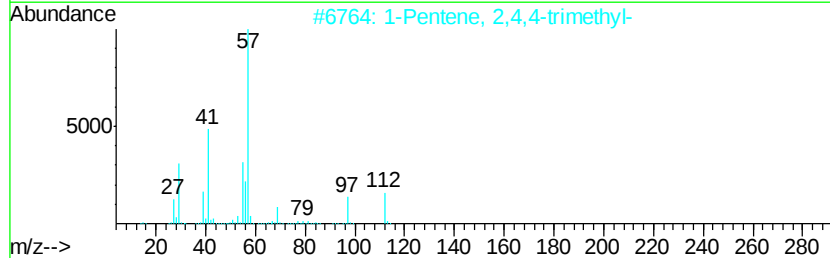
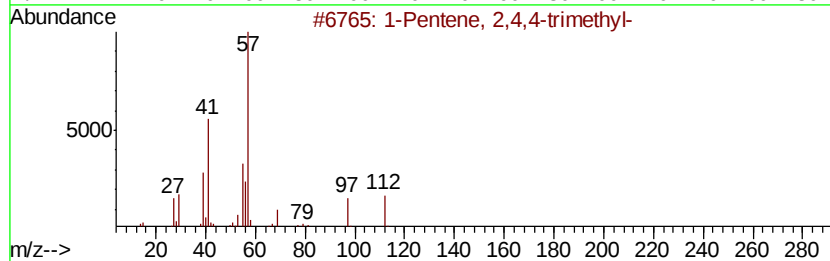
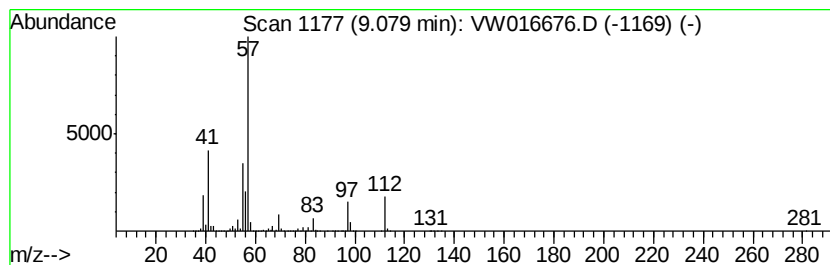
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	45.49 ug/L	3312610	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2,4,4-trimethyl-			112	C8H16	000107-39-1	90
2	1-Pentene, 2,4,4-trimethyl-			112	C8H16	000107-39-1	87
3	2-Hexene, 5,5-dimethyl-, (Z)-			112	C8H16	039761-61-0	64
4	1-Pentene, 2,4,4-trimethyl-			112	C8H16	000107-39-1	59
5	2-Hexene, 5,5-dimethyl-, (Z)-			112	C8H16	039761-61-0	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

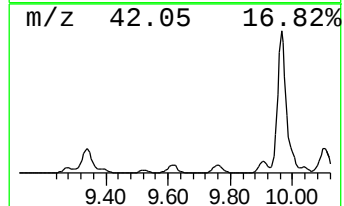
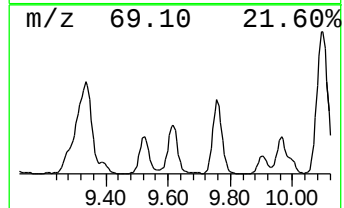
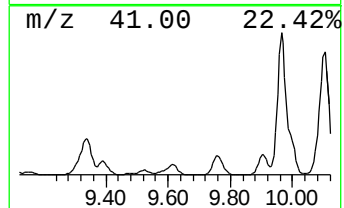
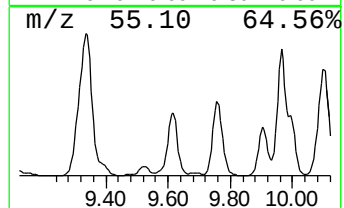
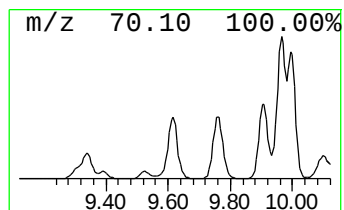
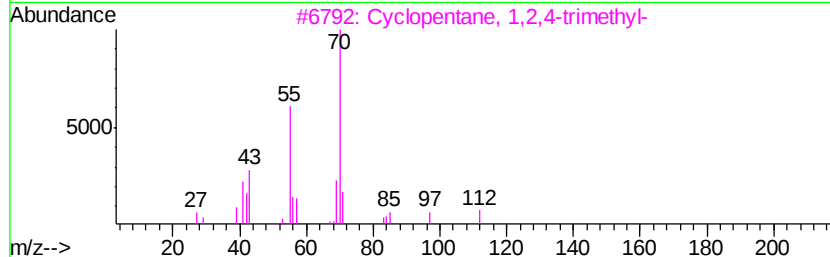
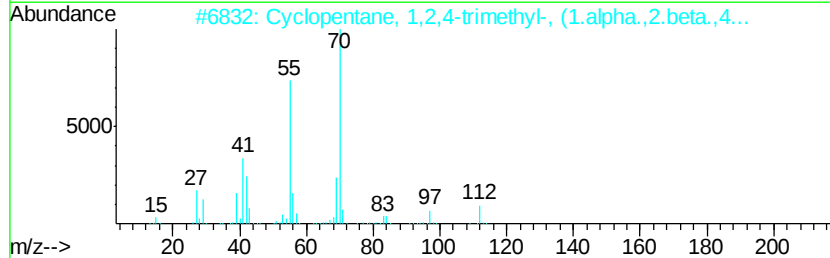
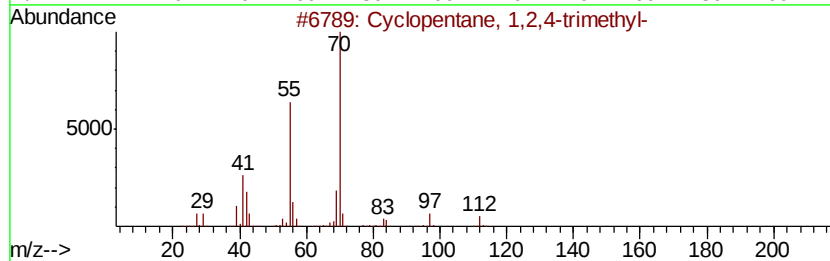
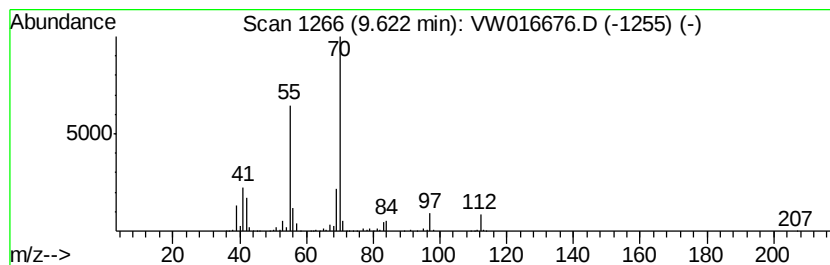
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Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Cyclic9.62 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	33.32 ug/L	2426420	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	94
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	90
5		Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

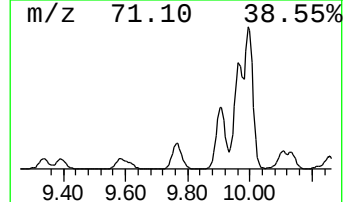
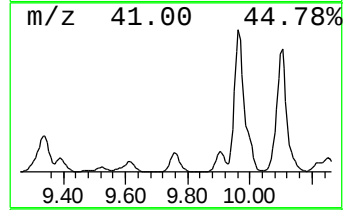
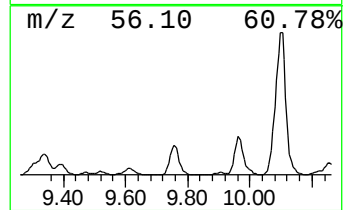
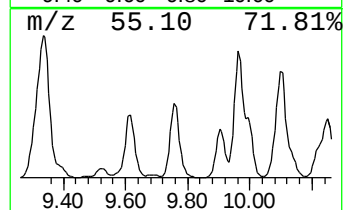
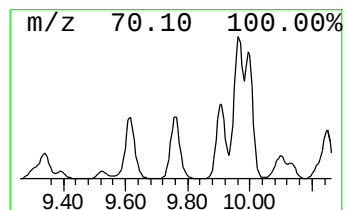
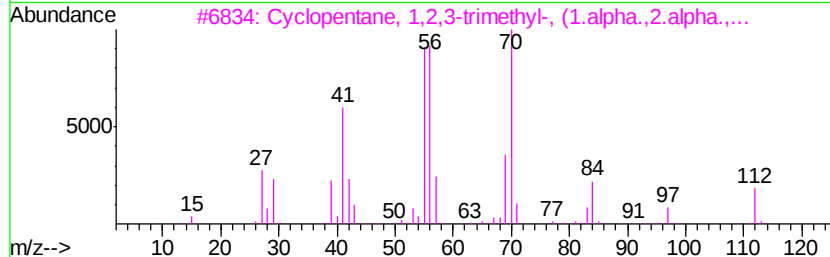
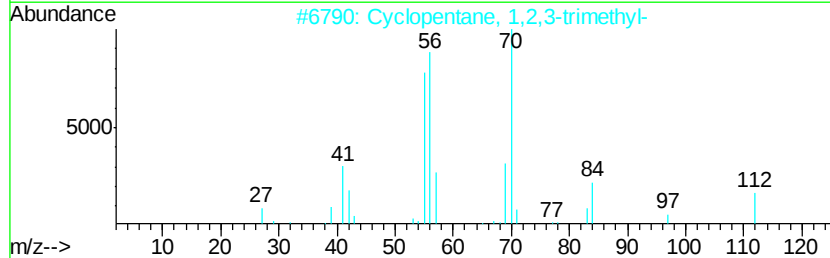
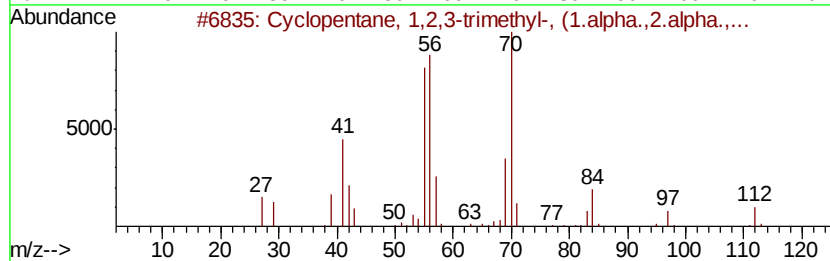
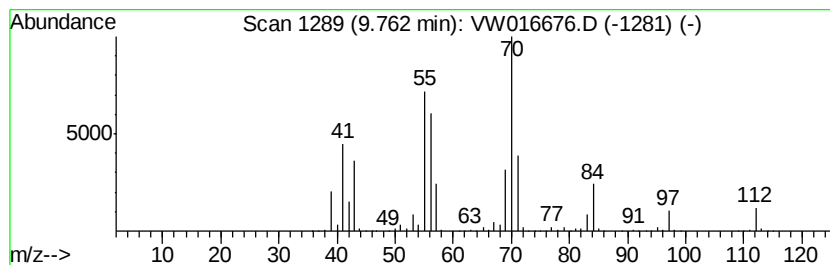
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Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Cyclic9.76 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	47.62 ug/L	3467710	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	93
2		Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	90
3		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	90
4		trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	64
5		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

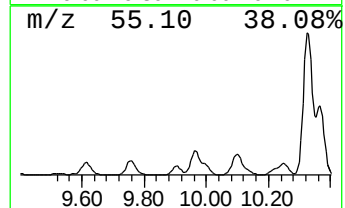
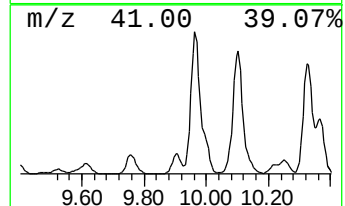
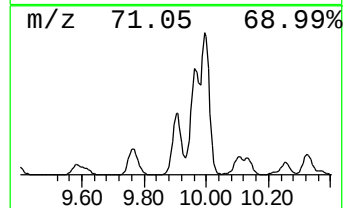
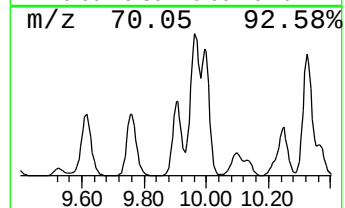
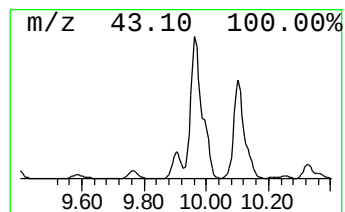
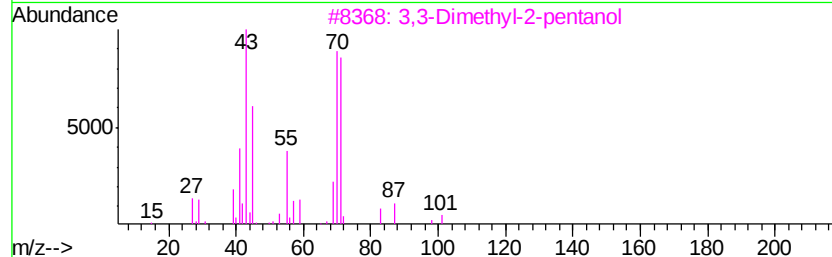
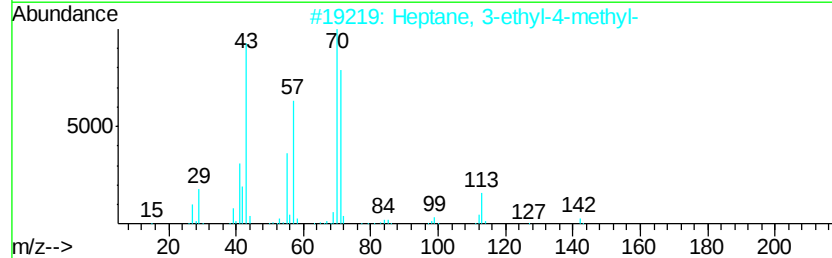
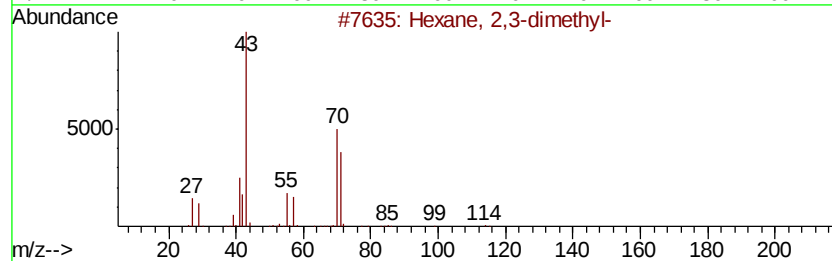
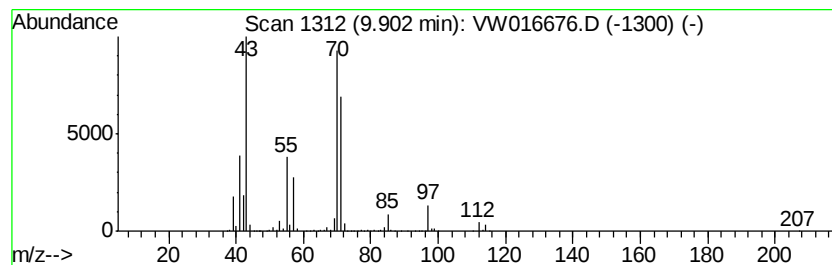
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Quant Title : VOC Analysis

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	48.13 ug/L	3505230	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	78
2		Heptane, 3-ethyl-4-methyl-	142	C10H22	052896-91-0	72
3		3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	72
4		Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	72
5		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

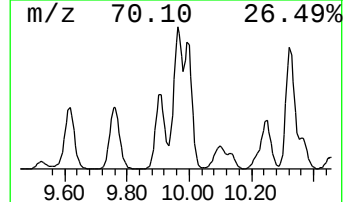
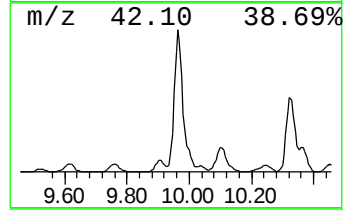
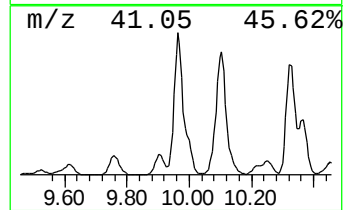
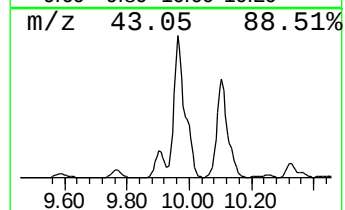
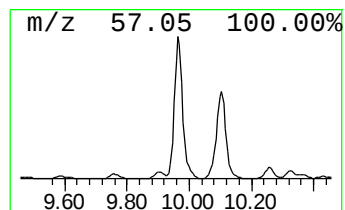
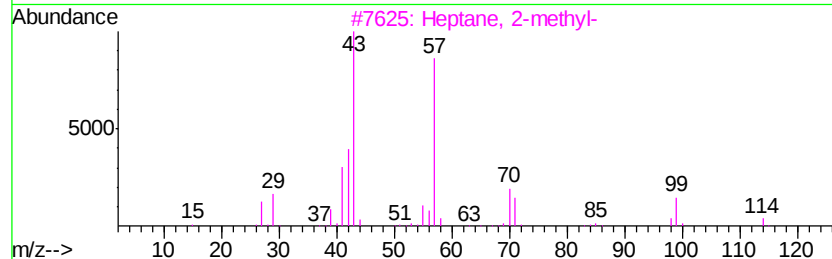
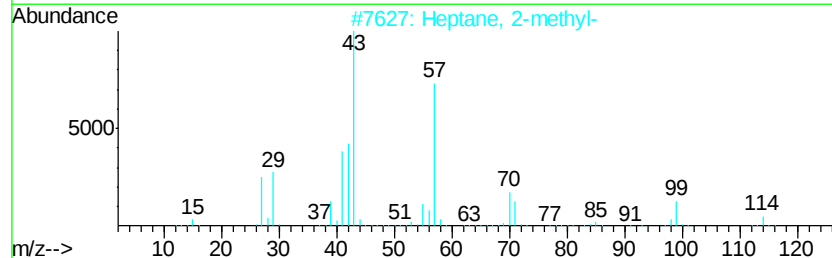
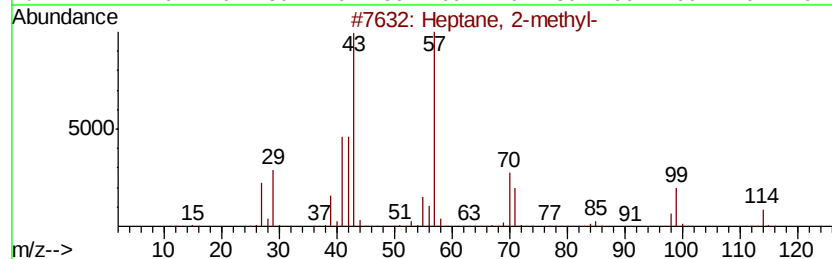
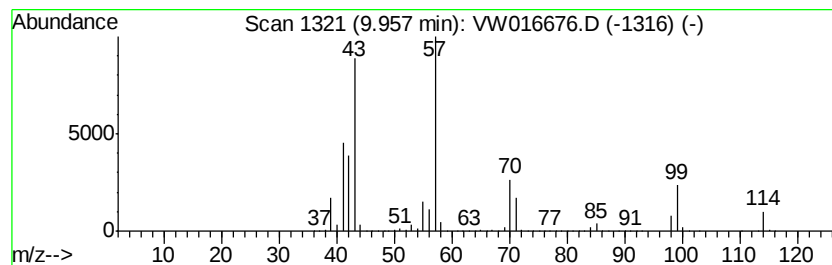
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Quant Title : VOC Analysis

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	298.78 ug/L	21758500	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2-methyl-	114	C8H18	000592-27-8	97
2		Heptane, 2-methyl-	114	C8H18	000592-27-8	91
3		Heptane, 2-methyl-	114	C8H18	000592-27-8	91
4		2-Piperidinone	99	C5H9NO	000675-20-7	58
5		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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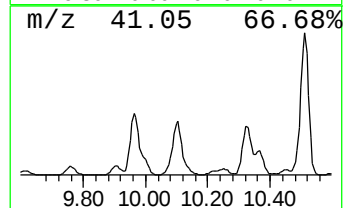
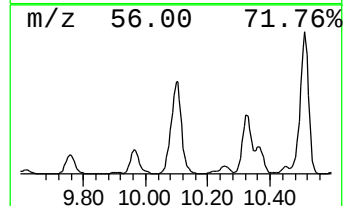
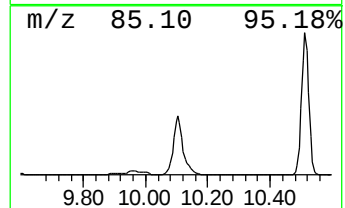
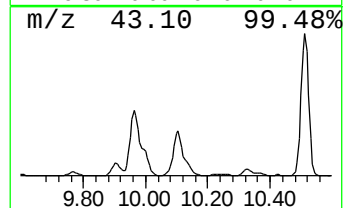
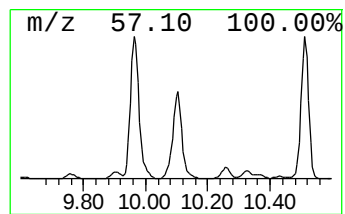
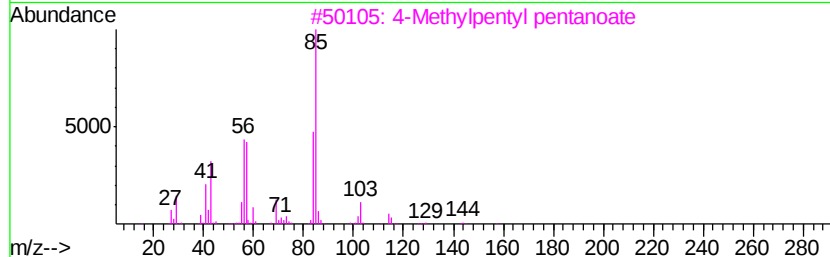
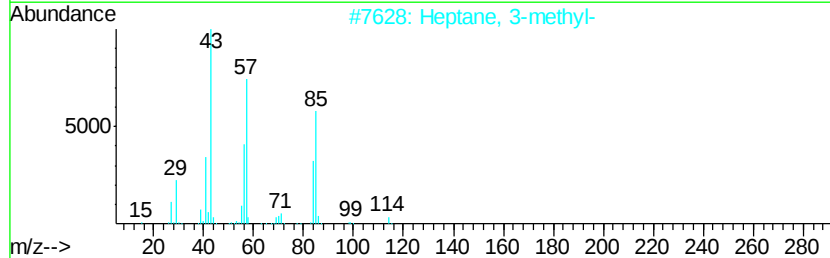
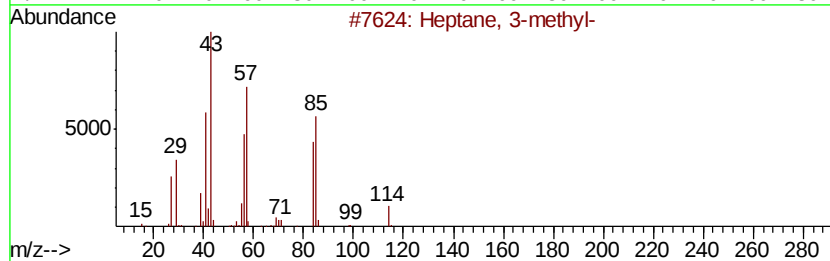
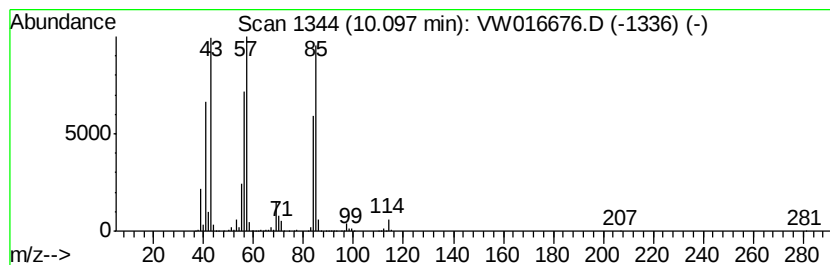
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Quant Title : VOC Analysis

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	259.18 ug/L	18874300	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-methyl-	114	C8H18	000589-81-1	95
2		Heptane, 3-methyl-	114	C8H18	000589-81-1	91
3		4-Methylpentyl pentanoate	186	C11H22O2	035852-47-2	72
4		Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	59
5		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

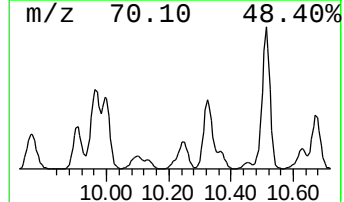
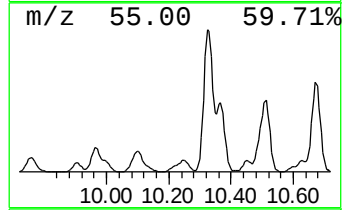
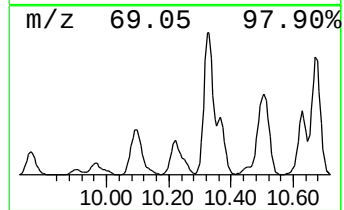
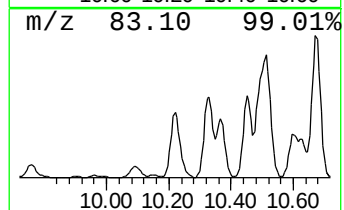
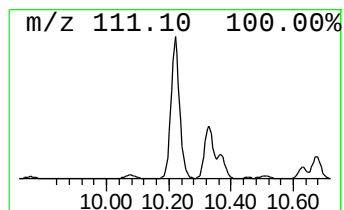
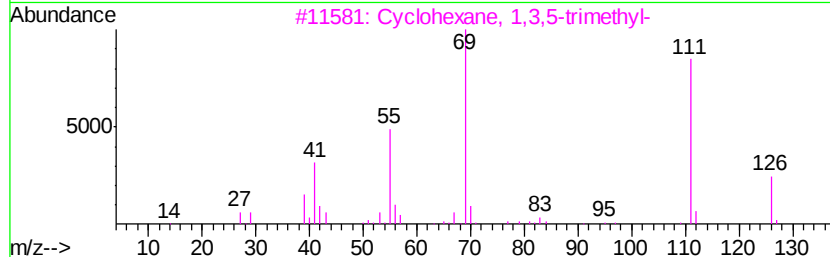
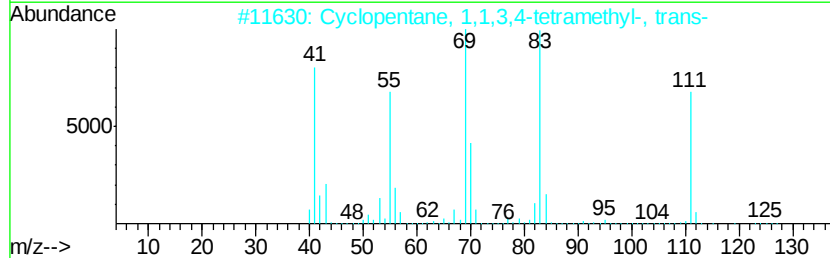
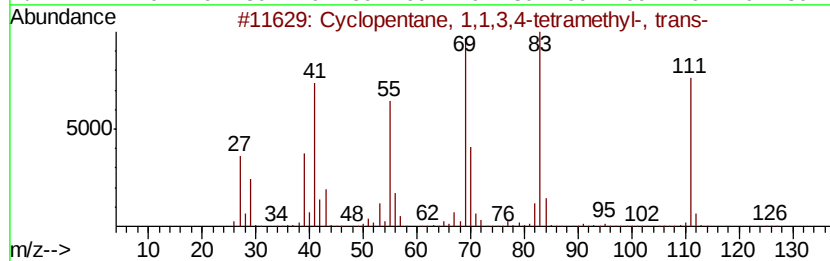
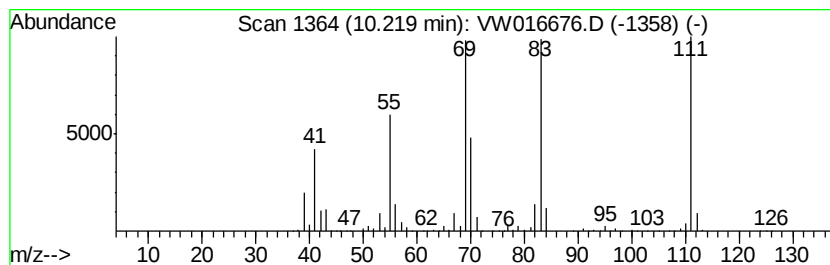
Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 22 (DEL) Alkane: Cyclic10.22 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	21.83 ug/L	1589750	1,4-Difluorobenzene	8.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentane, 1,1,3,4-tetramethy...	126 C9H18	020309-77-7 91
2		Cyclopentane, 1,1,3,4-tetramethy...	126 C9H18	020309-77-7 64
3		Cyclohexane, 1,3,5-trimethyl-	126 C9H18	001839-63-0 47
4		Cyclohexane, 1,3,5-trimethyl-, (...)	126 C9H18	001795-27-3 47
5		Cyclohexanecarboxylic acid, (1H-...	195 C8H13N5O	1000310-78-1 43



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

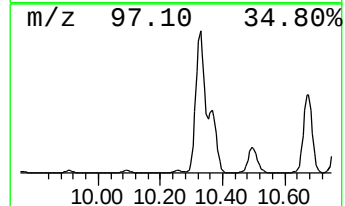
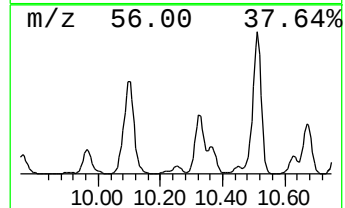
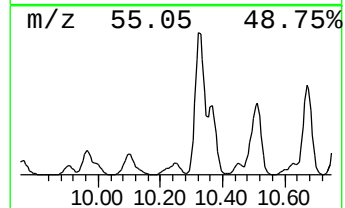
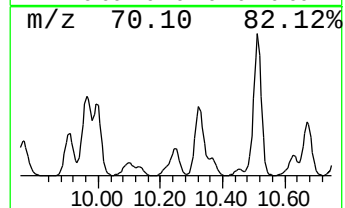
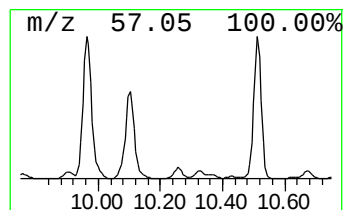
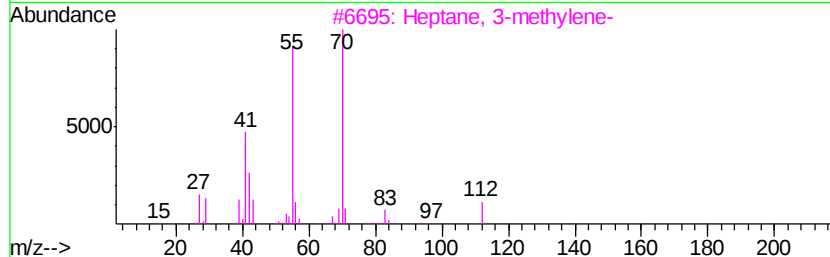
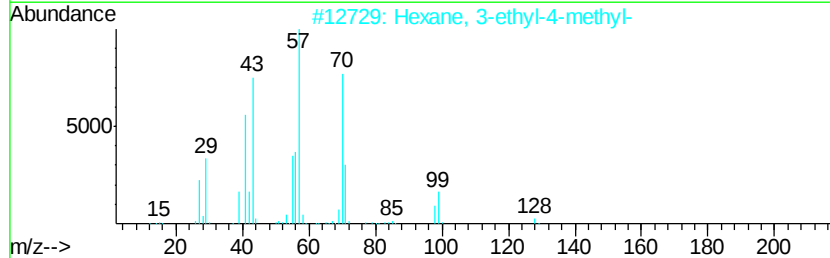
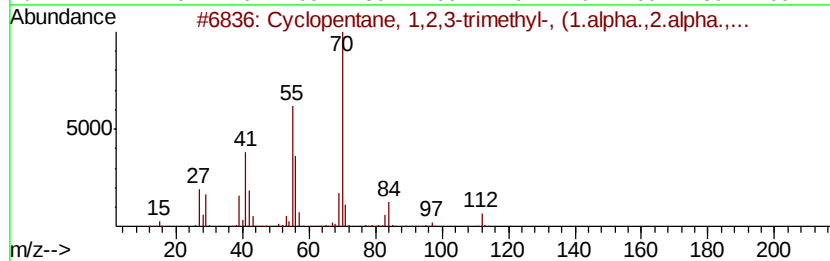
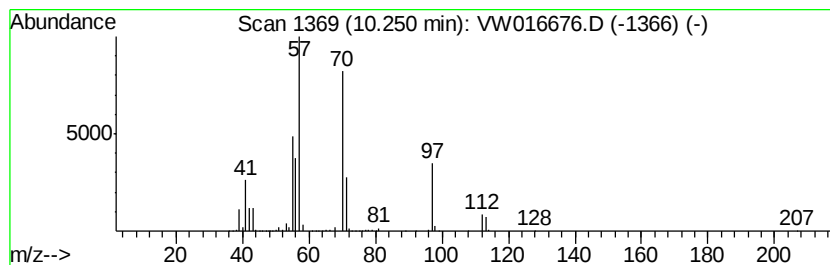
Instrument :
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ClientSampleId :
BG3Z0

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Quant Title : VOC Analysis

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

Peak Number 23 (DEL) Alkane: Cyclic10.25 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.25	27.70 ug/L	1853120	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	50
2		Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	50
3		Heptane, 3-methylene-	112	C8H16	001632-16-2	49
4		Formic acid, 2-ethylhexyl ester	158	C9H18O2	1000368-94-7	45
5		Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

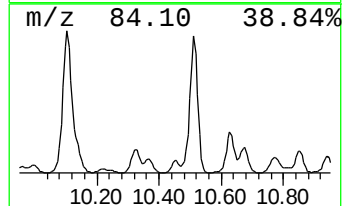
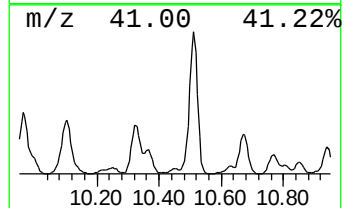
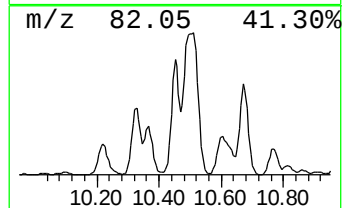
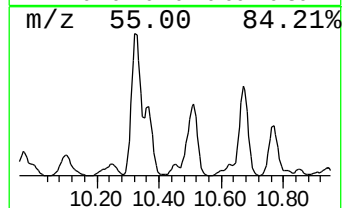
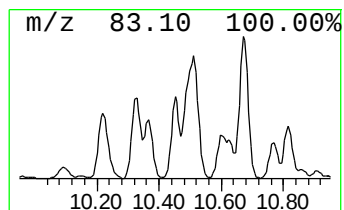
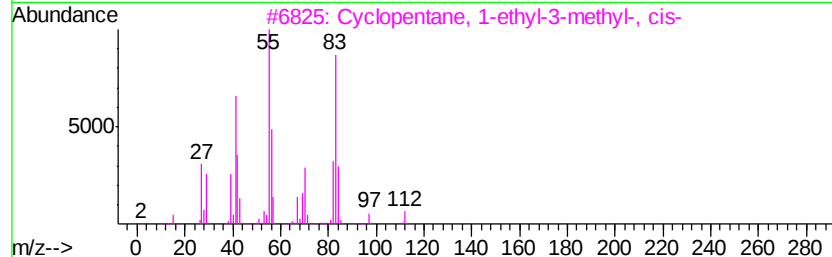
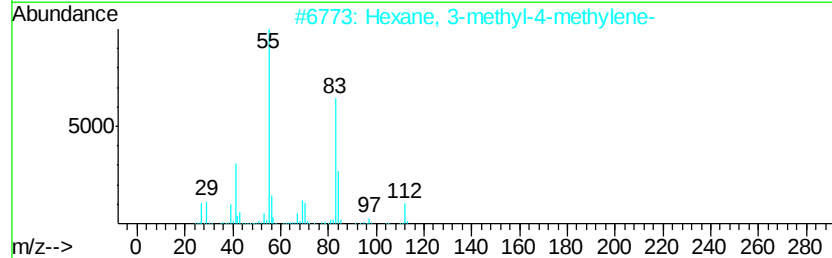
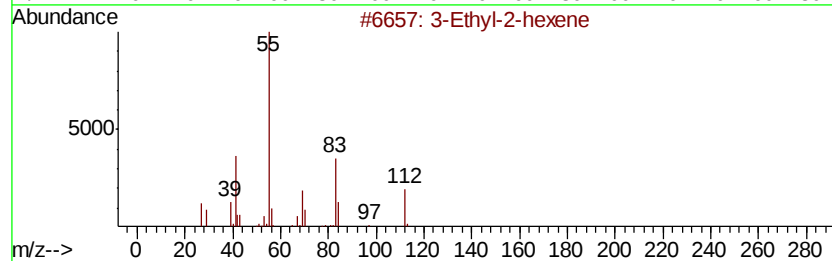
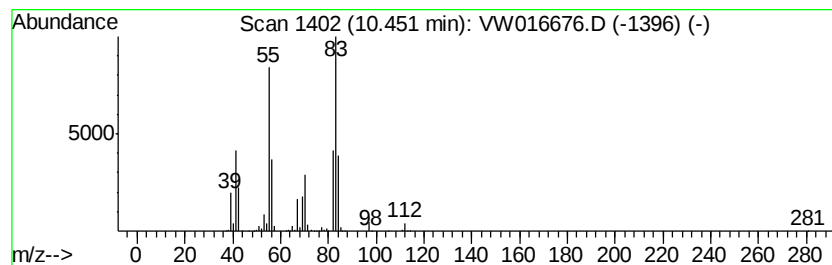
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Quant Title : VOC Analysis

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	23.71 ug/L	1586120	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Ethyl-2-hexene	112	C8H16	000620-00-8	53
2		Hexane, 3-methyl-4-methylene-	112	C8H16	003404-67-9	50
3		Cyclopentane, 1-ethyl-3-methyl-, ...	112	C8H16	002613-66-3	49
4		Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	47
5		1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

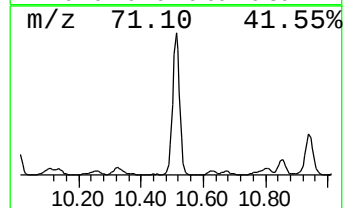
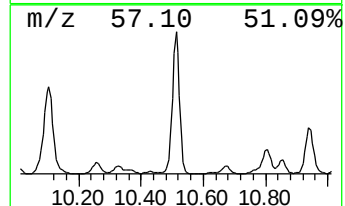
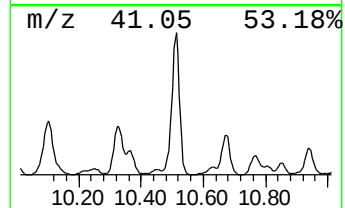
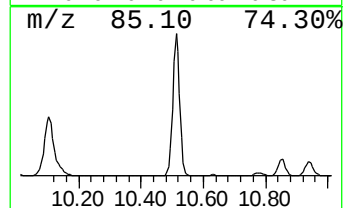
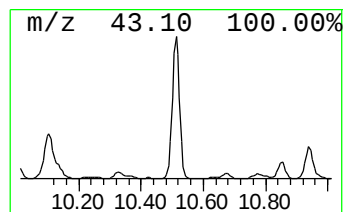
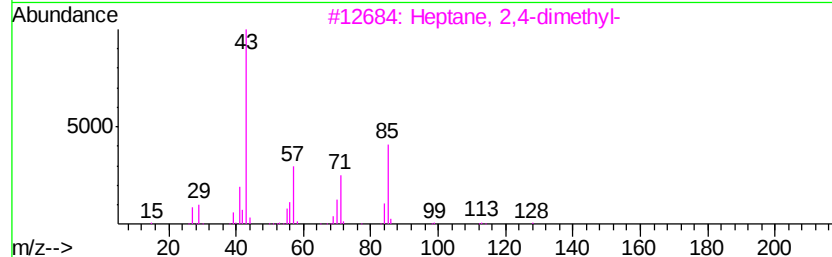
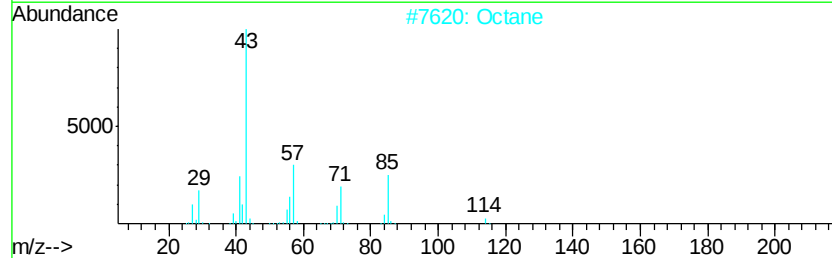
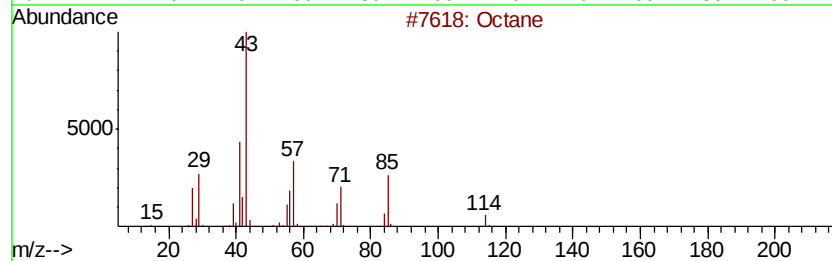
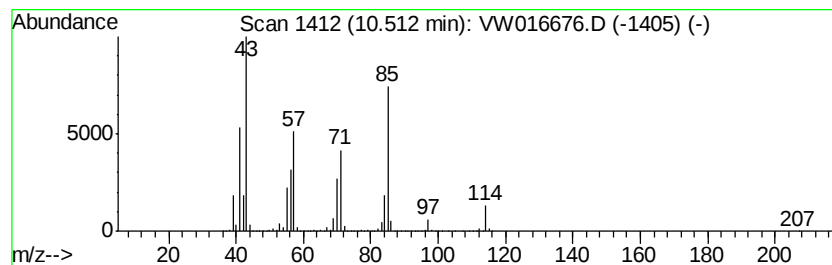
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Quant Title : VOC Analysis

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	595.72 ug/L	39854500	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane	114	C8H18	000111-65-9	94
2		Octane	114	C8H18	000111-65-9	91
3		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
4		Octane	114	C8H18	000111-65-9	72
5		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

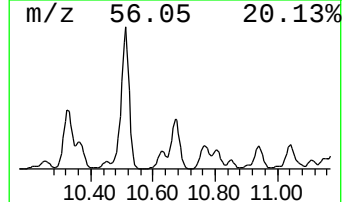
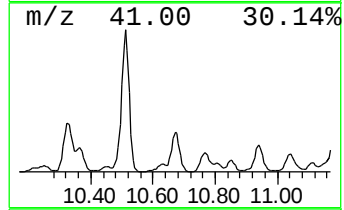
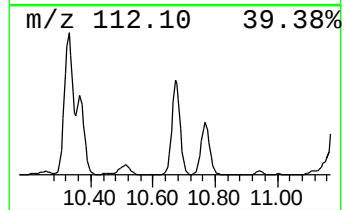
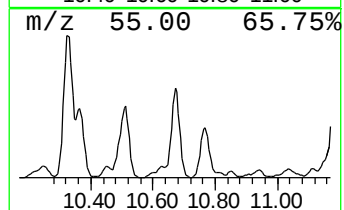
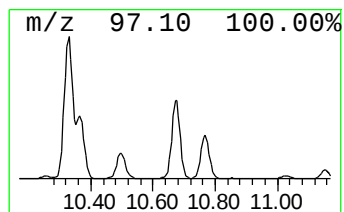
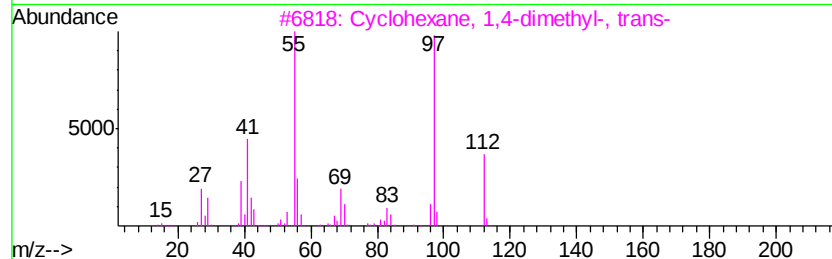
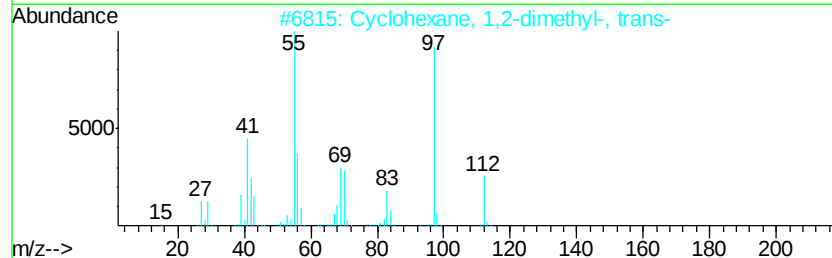
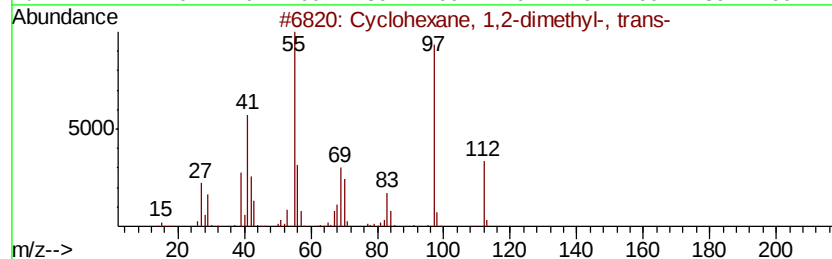
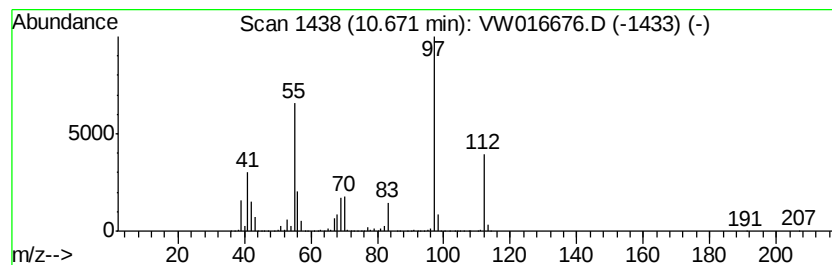
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Quant Title : VOC Analysis

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

Peak Number 26 (DEL) Alkane: Cyclic10.67 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	244.52 ug/L	16358700	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
2		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
3		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	91
4		Cyclohexane, 1,2-dimethyl-, (cis/...	112	C8H16	000583-57-3	91
5		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

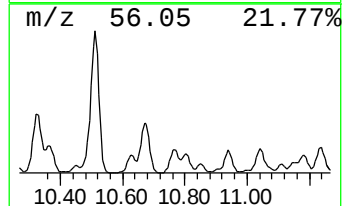
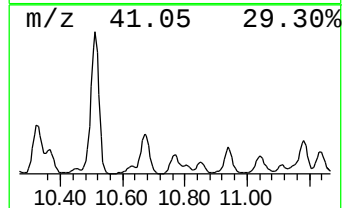
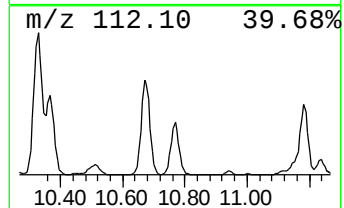
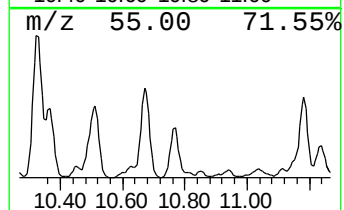
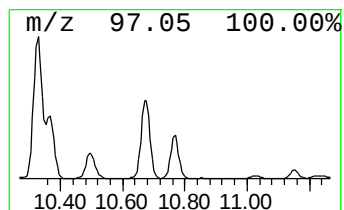
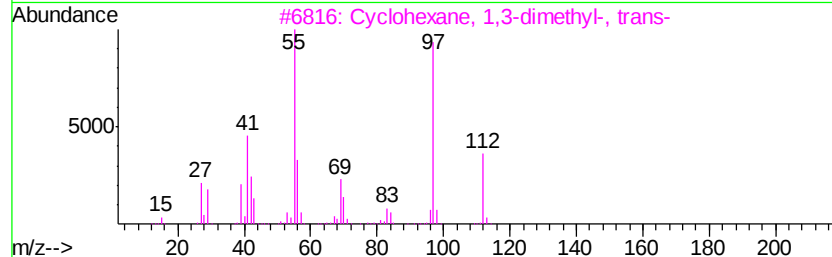
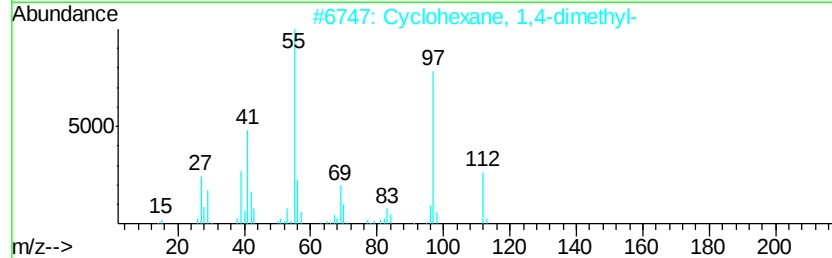
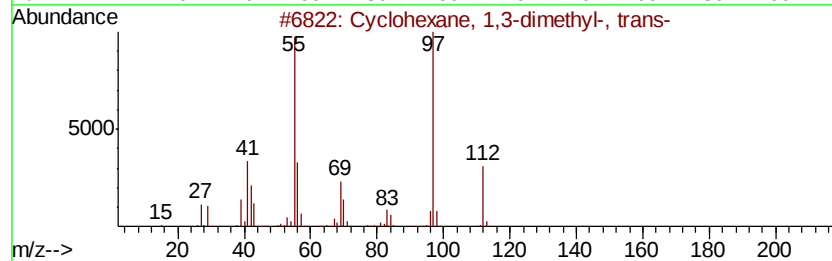
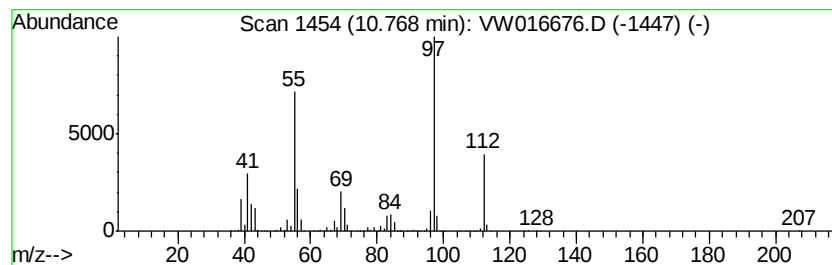
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Quant Title : VOC Analysis

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

Peak Number 27 (DEL) Alkane: Cyclic10.77 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	137.51 ug/L	9199580	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
2		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	94
3		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
4		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
5		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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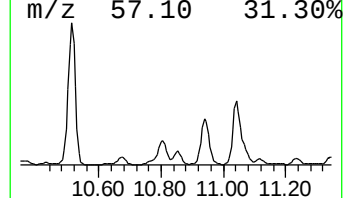
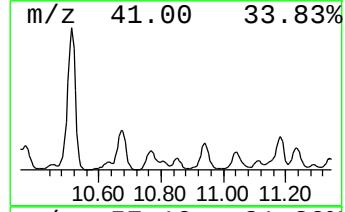
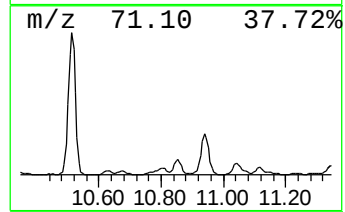
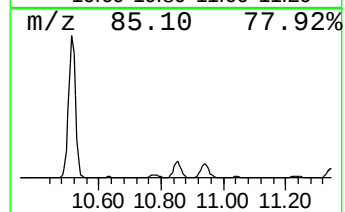
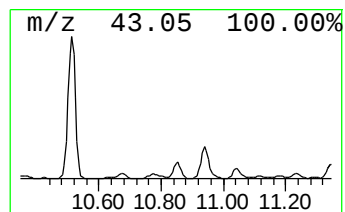
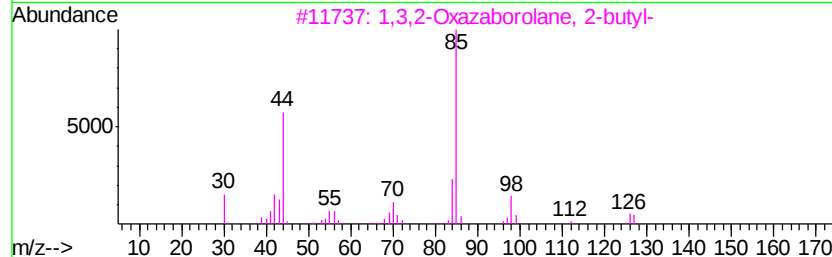
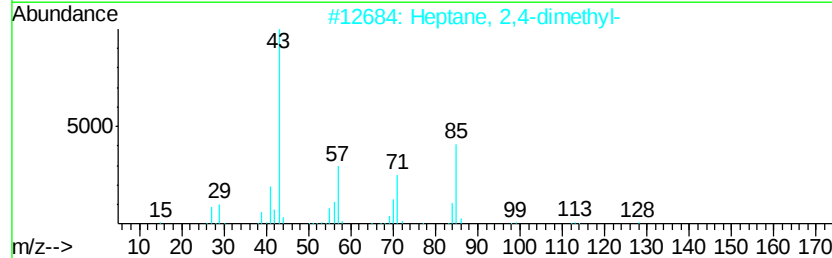
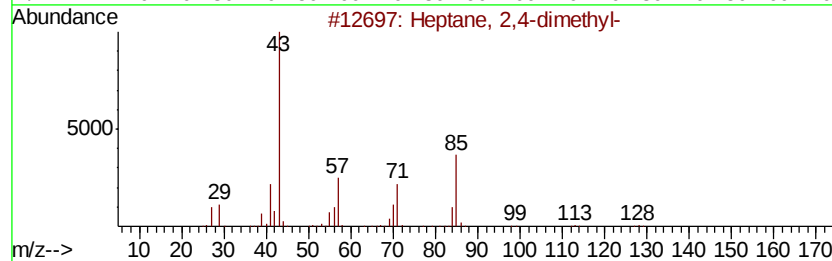
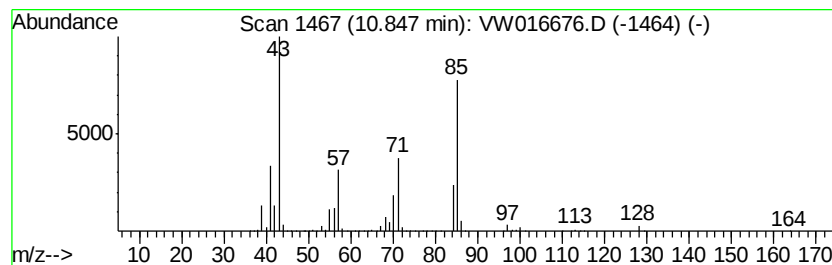
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Quant Title : VOC Analysis

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	53.04 ug/L	3548330	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	91
2			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	87
3			1,3,2-Oxazaborolane, 2-butyl-	127	C6H14BNO	031748-10-4	50
4			Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	50
5			Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

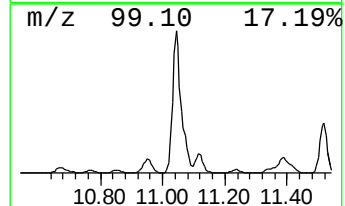
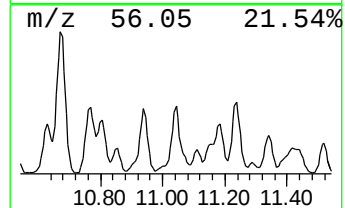
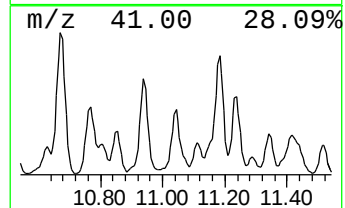
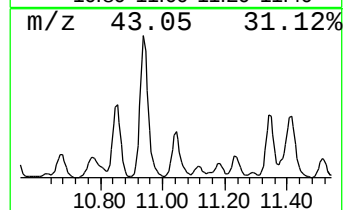
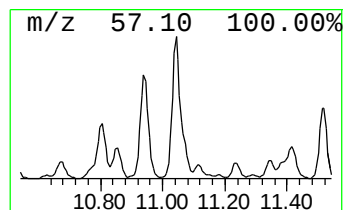
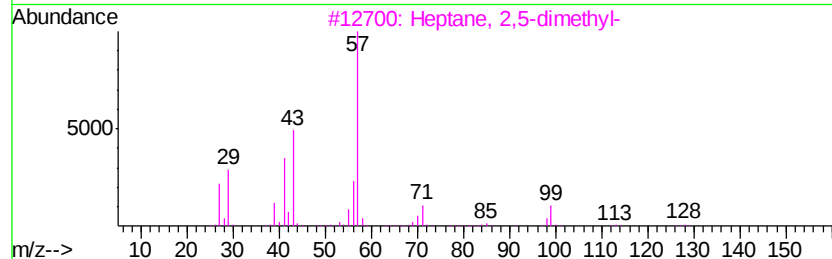
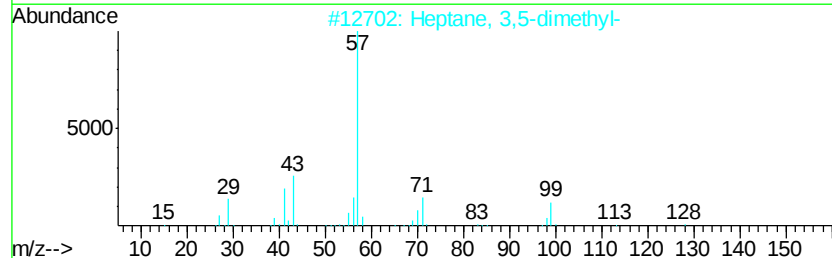
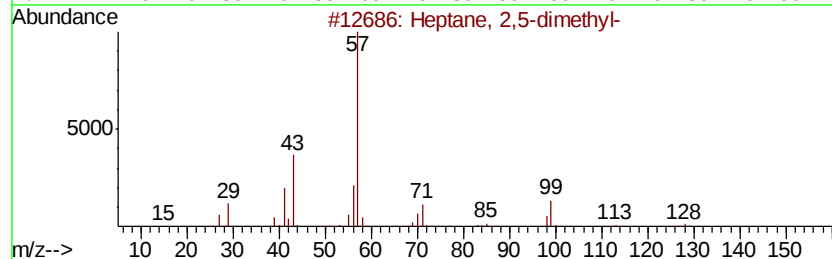
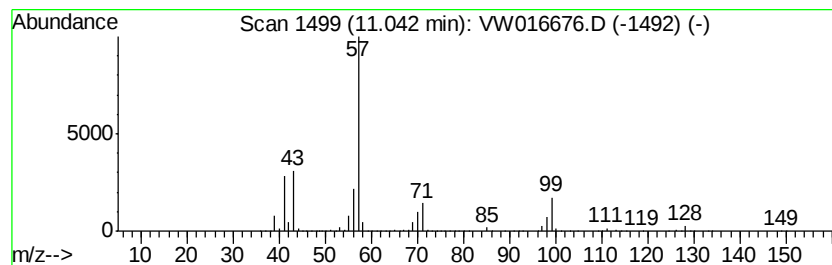
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Quant Title : VOC Analysis

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	76.13 ug/L	5093340	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
2		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	90
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
4		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	86
5		Octane, 3-methyl-	128	C9H20	002216-33-3	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

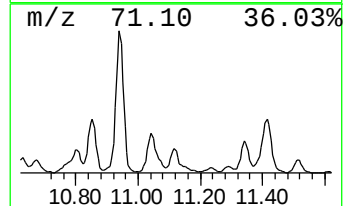
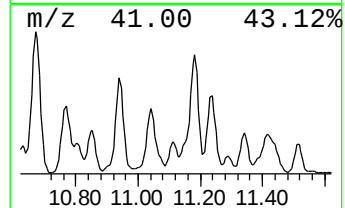
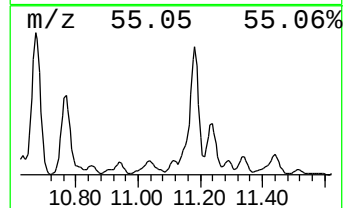
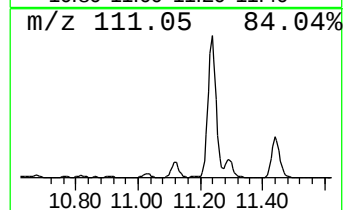
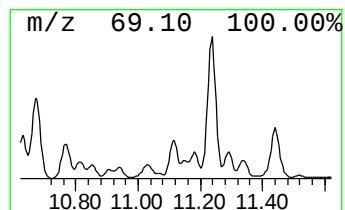
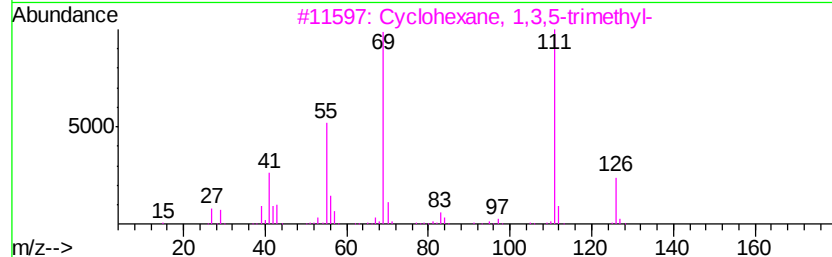
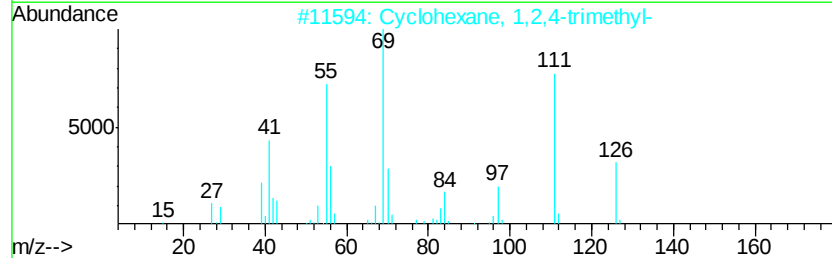
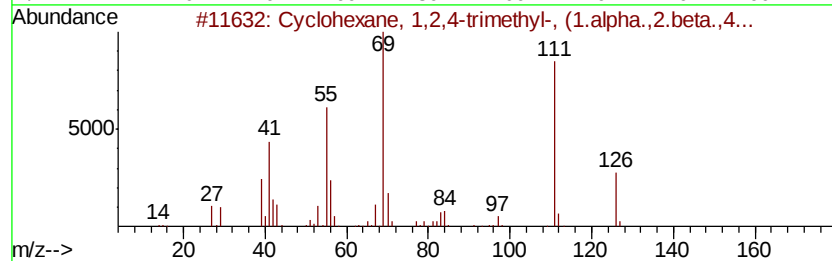
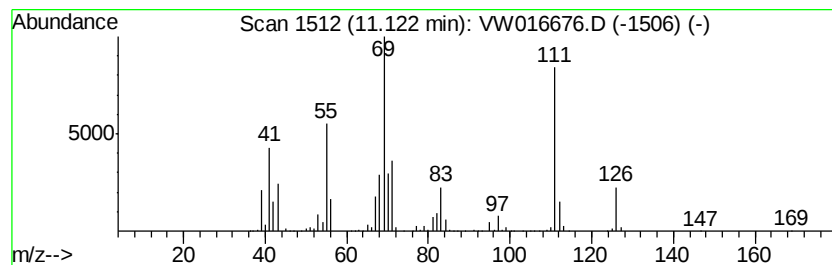
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Quant Title : VOC Analysis

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

Peak Number 30 (DEL) Alkane: Cyclic11.12 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	33.05 ug/L	2211090	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	70
2		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	58
3		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	52
4		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	52
5		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

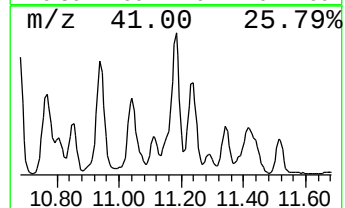
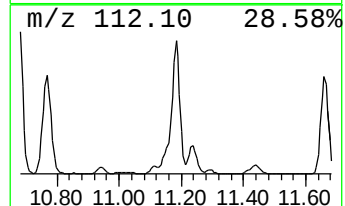
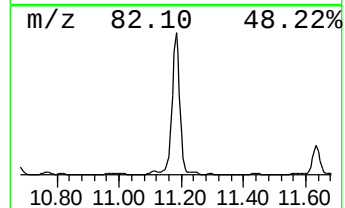
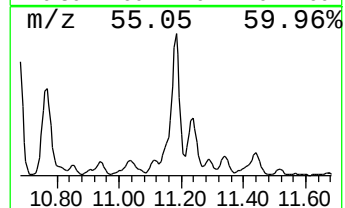
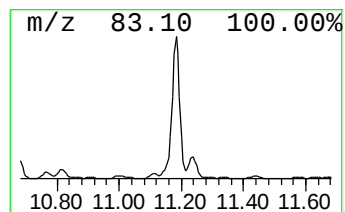
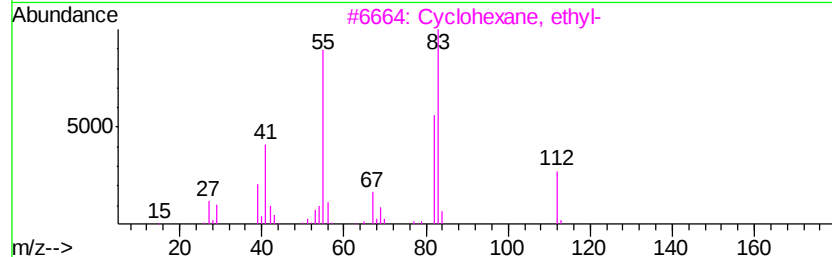
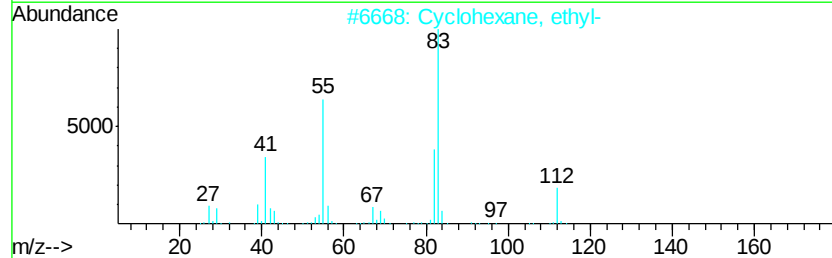
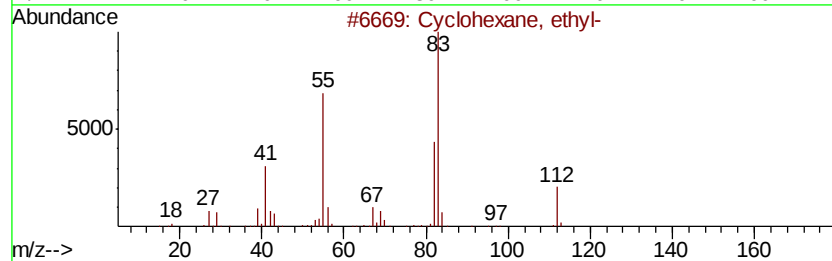
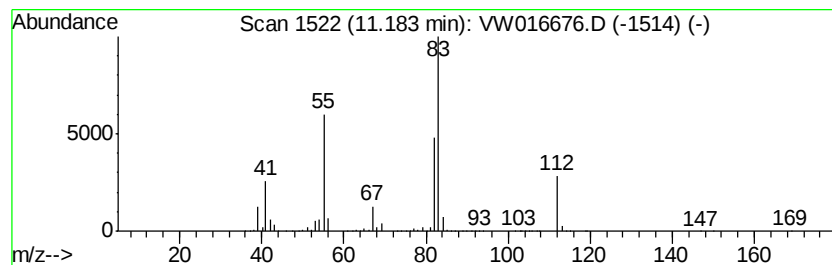
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Quant Title : VOC Analysis

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

Peak Number 31 (DEL) Alkane: Cyclic11.18 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	153.61 ug/L	10276900	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2		Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
3		Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
5		Cyclohexane, ethyl-	112	C8H16	001678-91-7	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

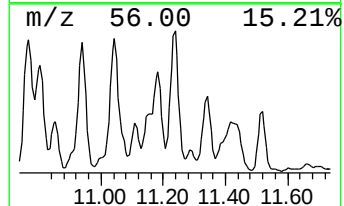
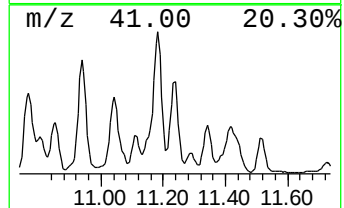
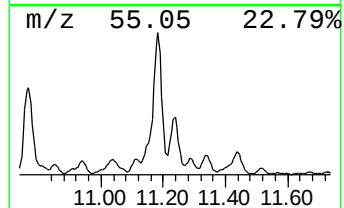
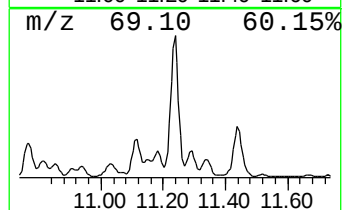
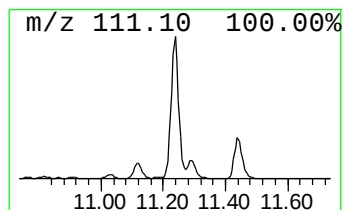
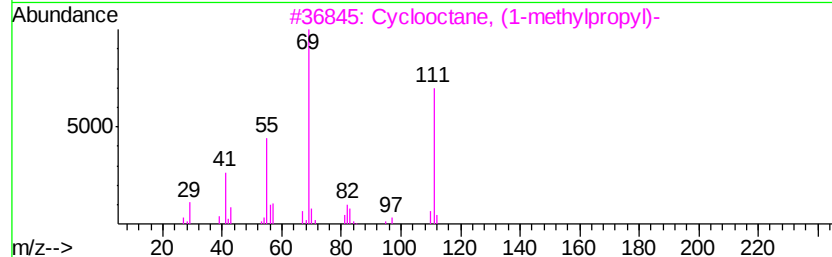
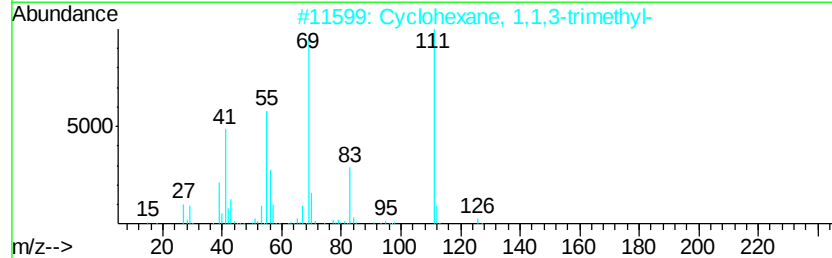
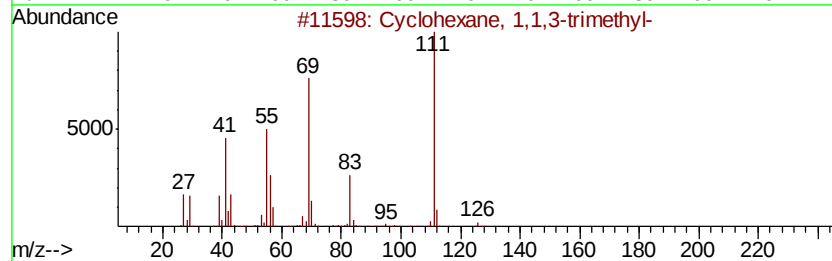
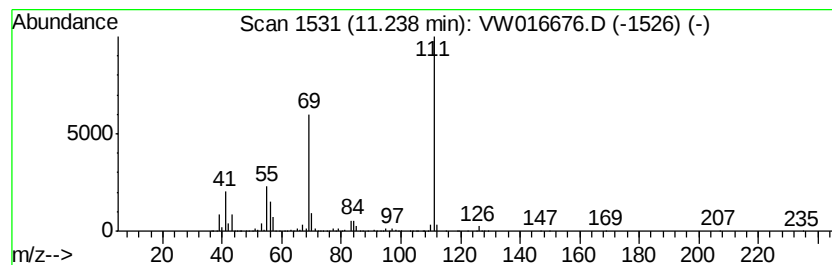
Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 32 (DEL) Alkane: Cyclic11.24 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.24	116.44 ug/L	7789680	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	78
2		Cvclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72
3		Cvclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	45
4		Cvclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	38
5		Cvclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

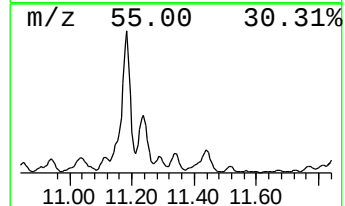
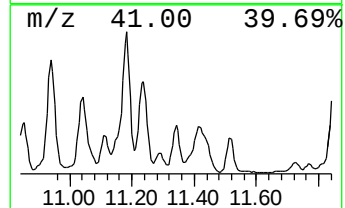
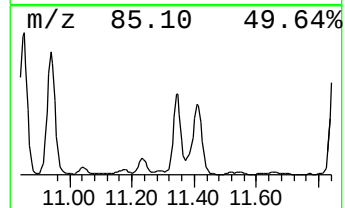
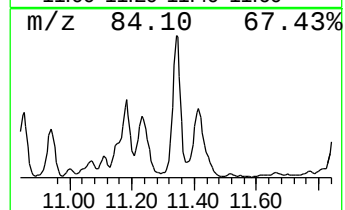
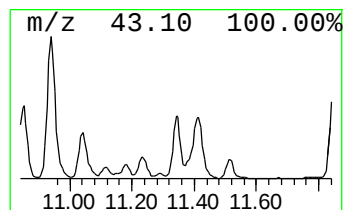
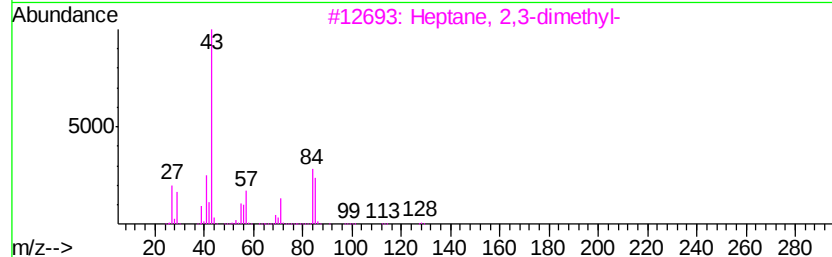
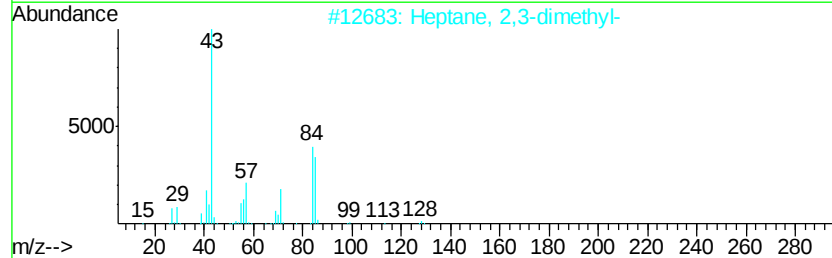
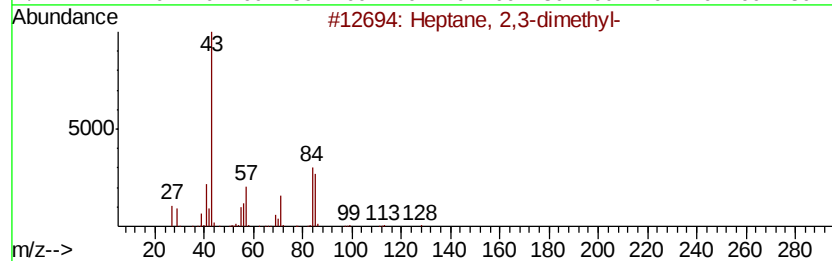
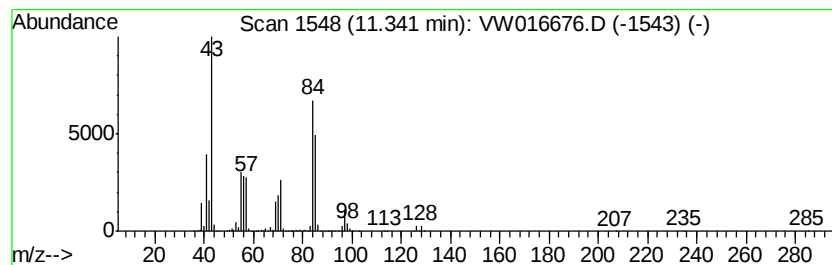
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Quant Title : VOC Analysis

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	41.21 ug/L	2756720	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64
2		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	58
3		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	58
4		1-Octene, 4-methyl-	126	C9H18	013151-12-7	58
5		Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

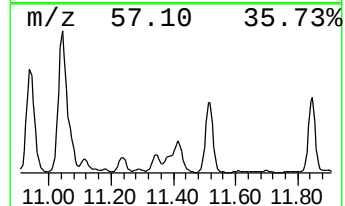
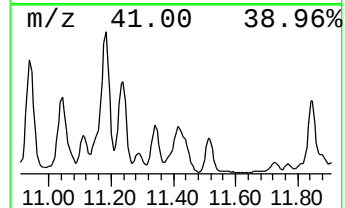
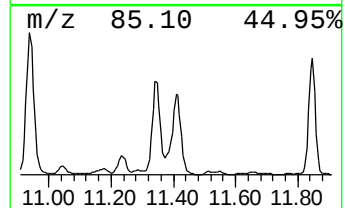
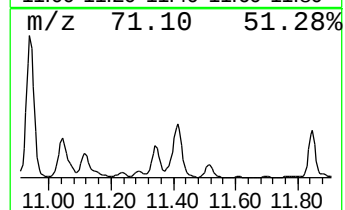
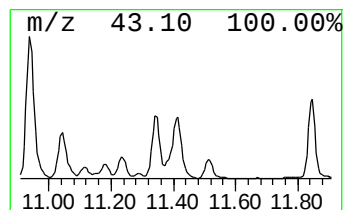
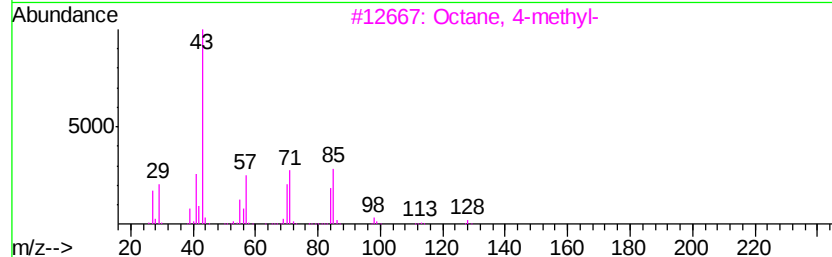
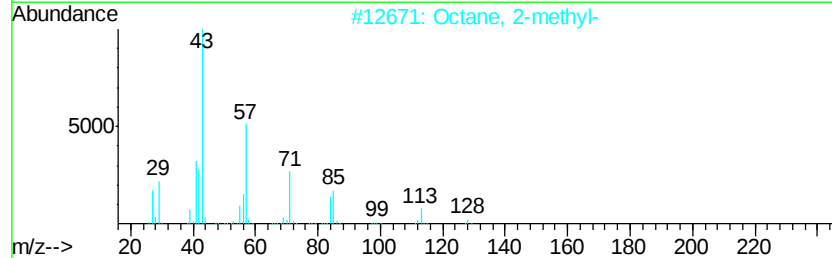
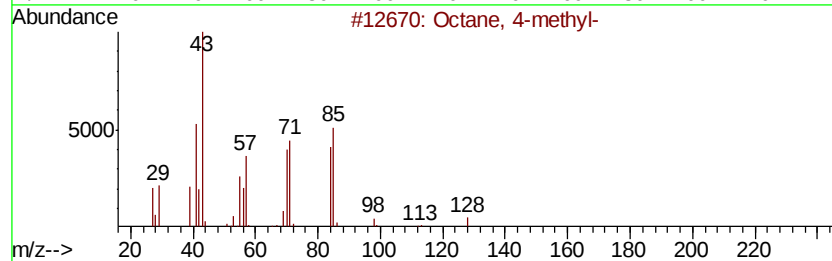
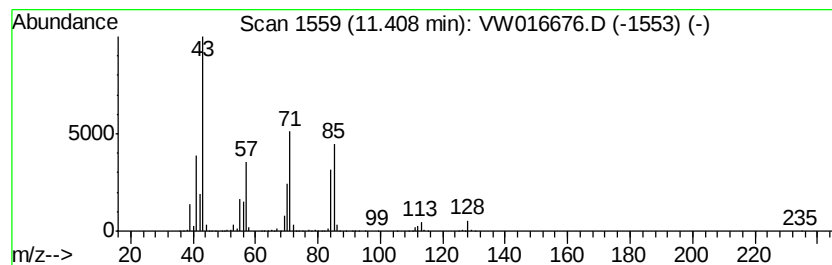
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Quant Title : VOC Analysis

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	43.11 ug/L	2884090	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 4-methyl-	128	C9H20	002216-34-4	81
2		Octane, 2-methyl-	128	C9H20	003221-61-2	64
3		Octane, 4-methyl-	128	C9H20	002216-34-4	59
4		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	53
5		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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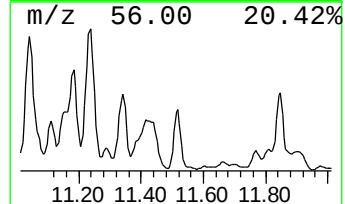
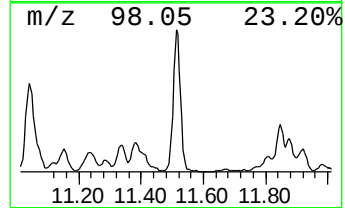
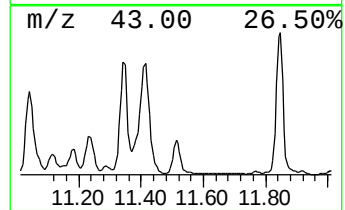
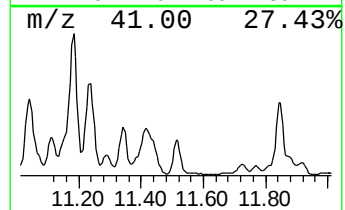
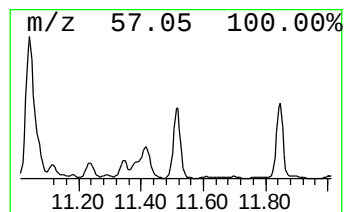
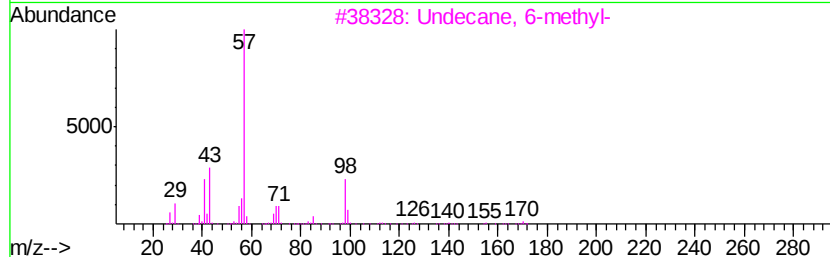
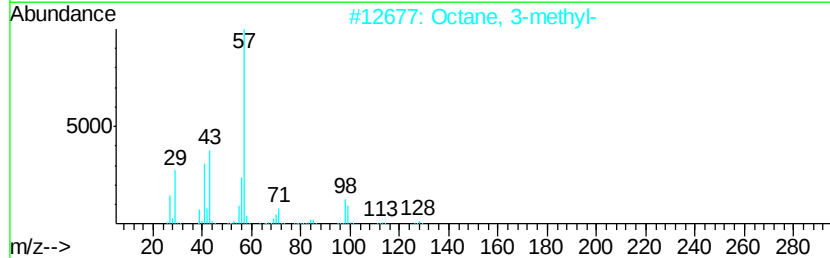
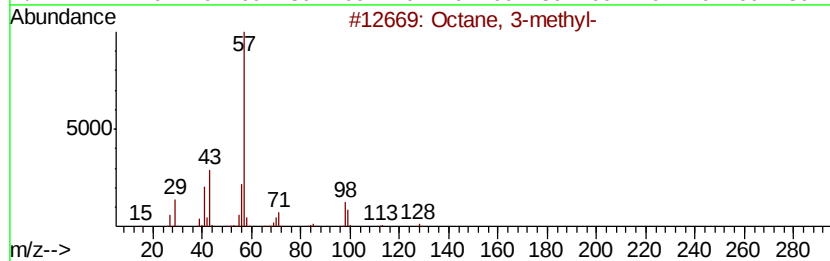
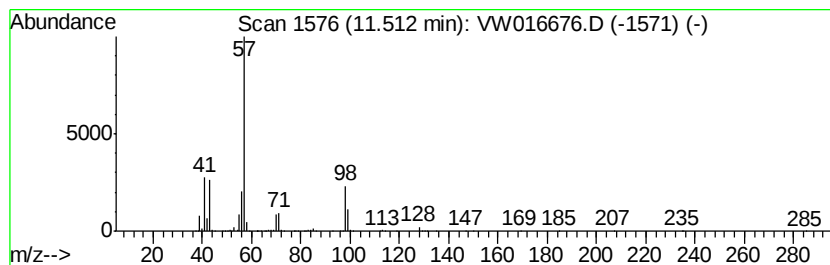
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Quant Title : VOC Analysis

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

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	29.61 ug/L	1980730	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3-methyl-	128	C9H20	002216-33-3	90
2		Octane, 3-methyl-	128	C9H20	002216-33-3	90
3		Undecane, 6-methyl-	170	C12H26	017302-33-9	72
4		Octane, 3-methyl-	128	C9H20	002216-33-3	72
5		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

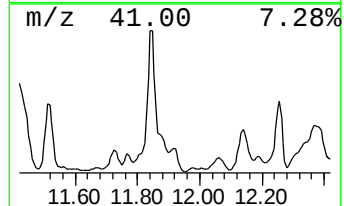
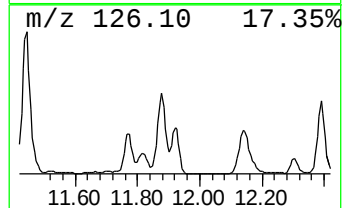
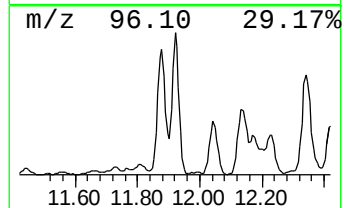
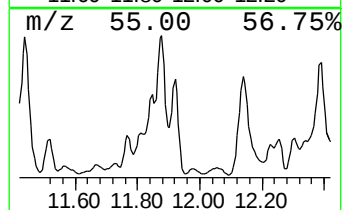
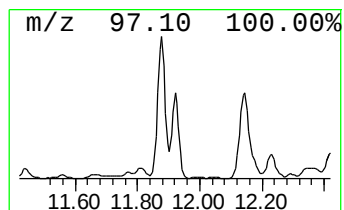
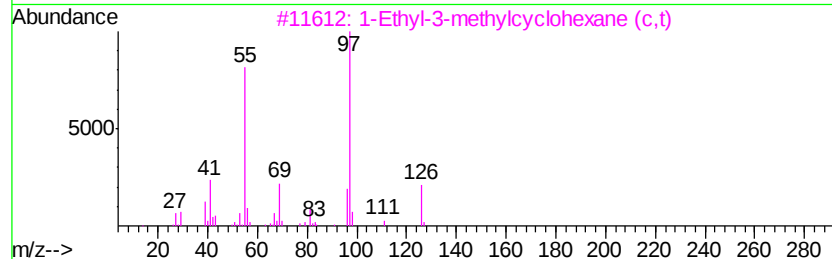
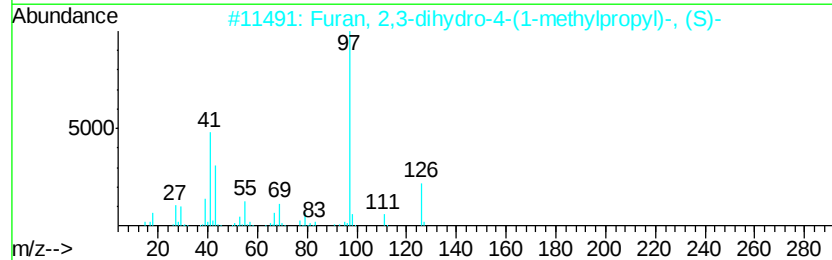
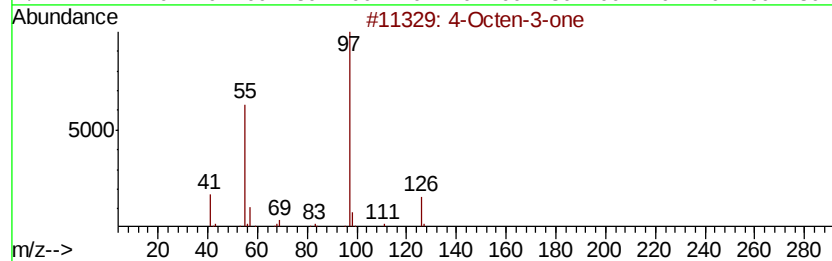
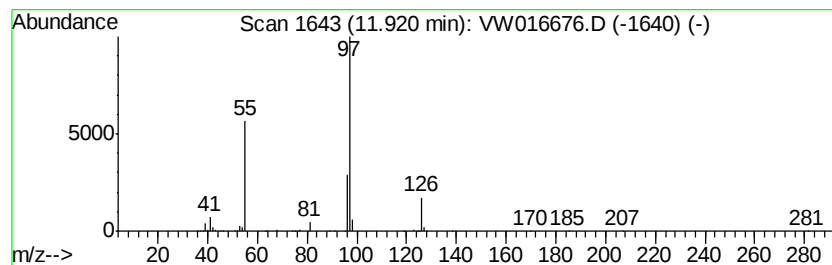
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Quant Title : VOC Analysis

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

Peak Number 36 4-Octen-3-one Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	16.66 ug/L	1114310	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Octen-3-one	126	C8H14O	014129-48-7	59
2		Furan, 2,3-dihydro-4-(1-methylpr...	126	C8H14O	034379-54-9	58
3		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	50
4		Sulfurous acid, di(cyclohexylmet...	274	C14H26O3S	1000309-22-7	45
5		Thiophene, 2-propyl-	126	C7H10S	001551-27-5	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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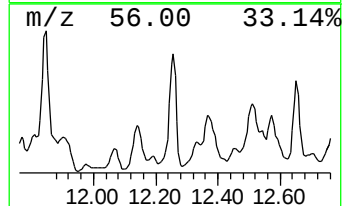
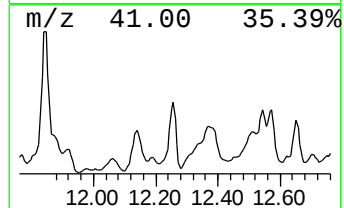
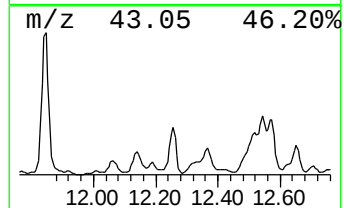
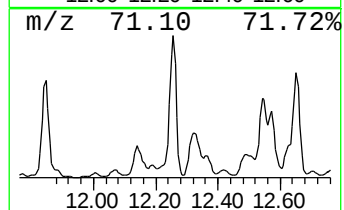
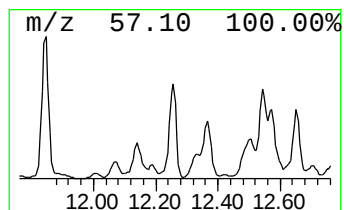
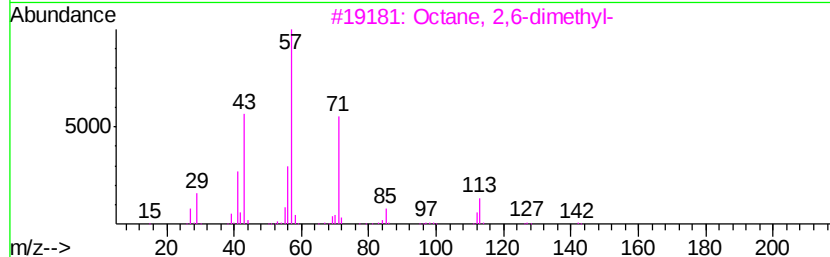
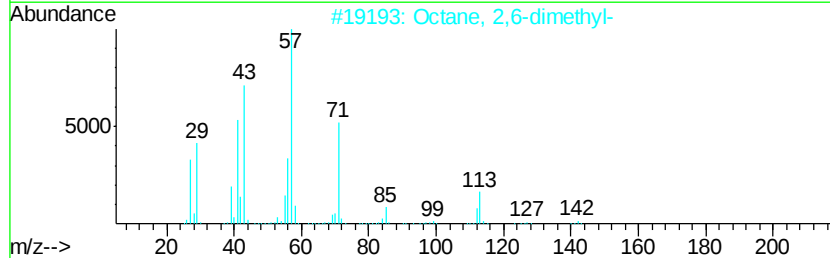
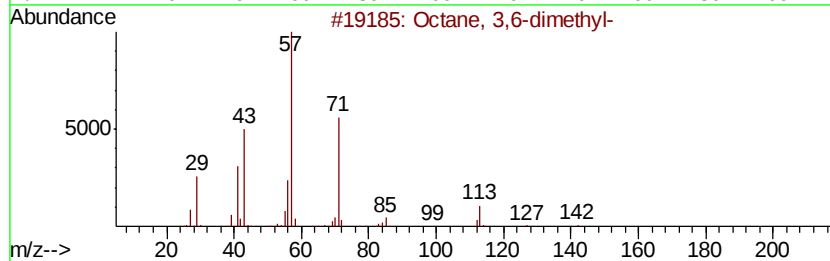
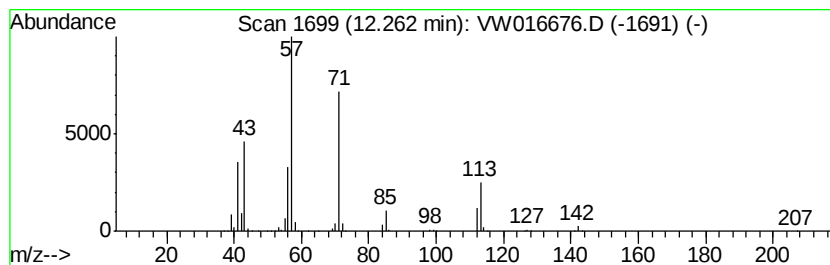
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Quant Title : VOC Analysis

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	33.57 ug/L	2245680	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
4		Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	72
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

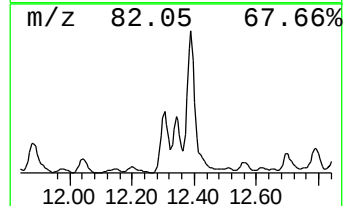
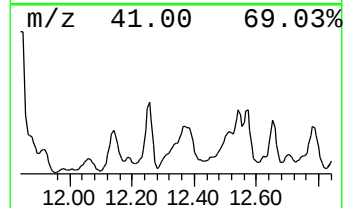
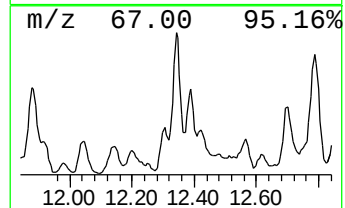
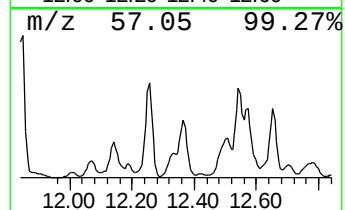
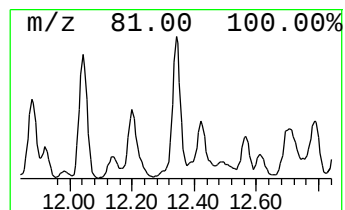
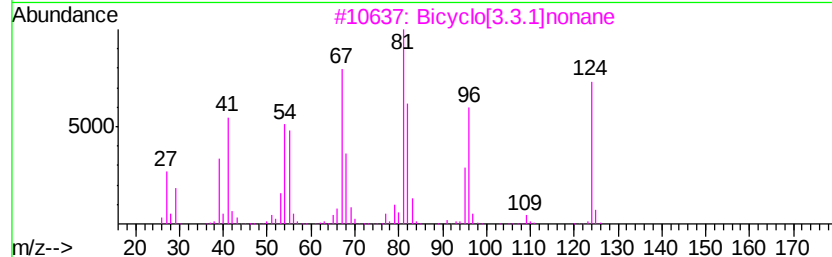
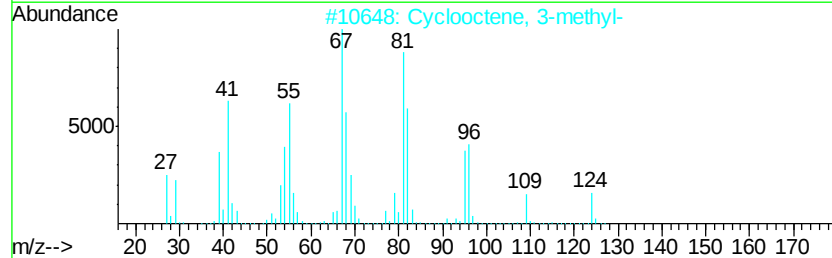
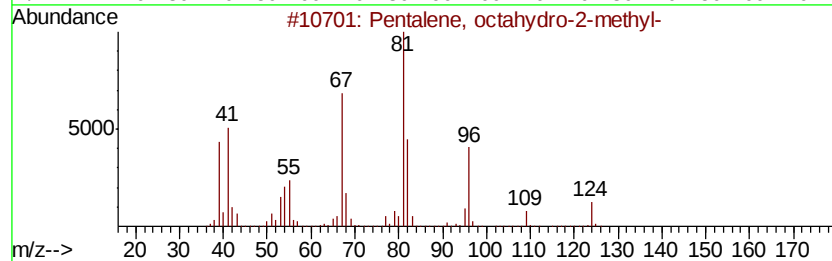
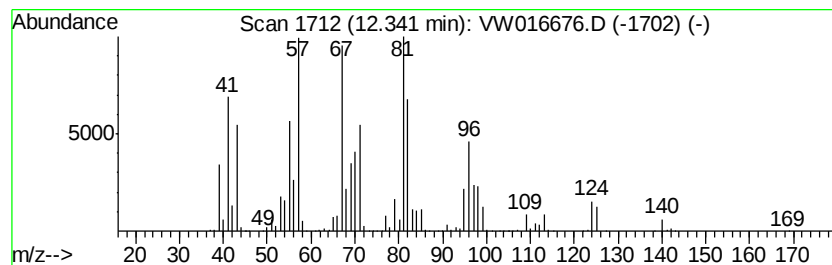
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Quant Title : VOC Analysis

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

Peak Number 38 Pentalene, octahydro-2-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	25.79 ug/L	1725240	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	64
2		Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	64
3		Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	46
4		1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	43
5		Cyclohexane, methylene-	96	C7H12	001192-37-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
BG3Z0

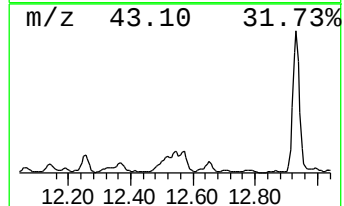
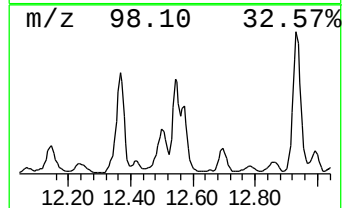
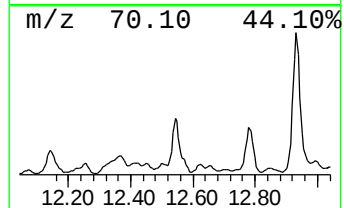
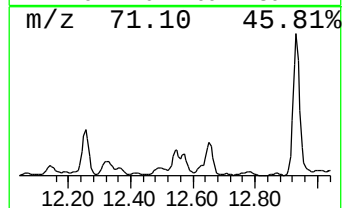
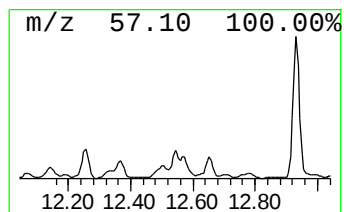
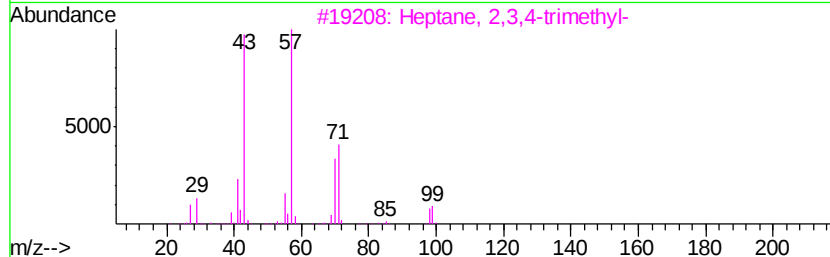
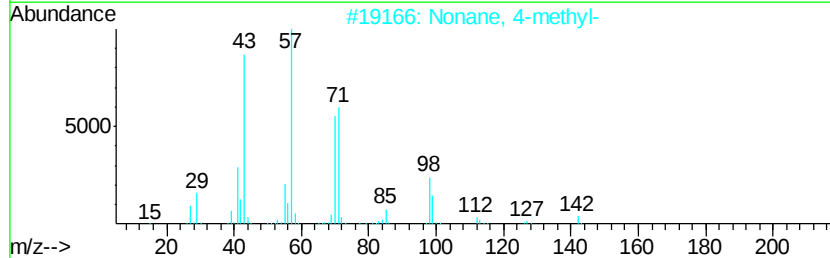
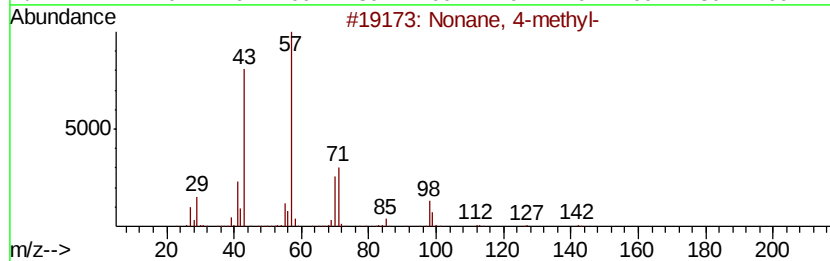
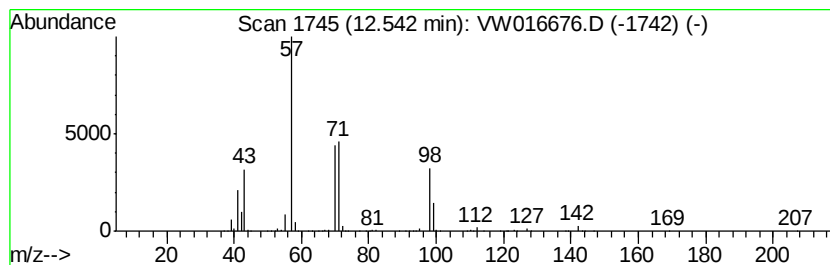
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Quant Title : VOC Analysis

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	25.35 ug/L	1696010	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4-methyl-	142	C10H22	017301-94-9	78
2		Nonane, 4-methyl-	142	C10H22	017301-94-9	72
3		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
4		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
5		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
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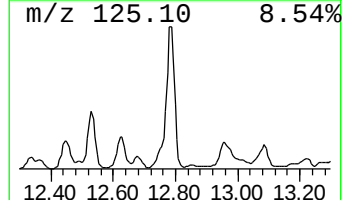
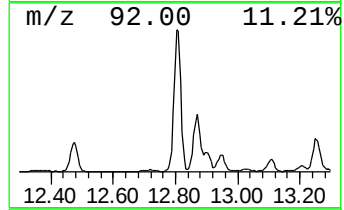
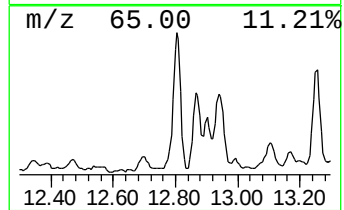
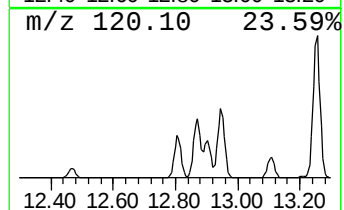
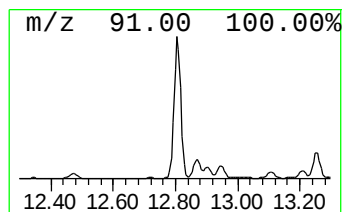
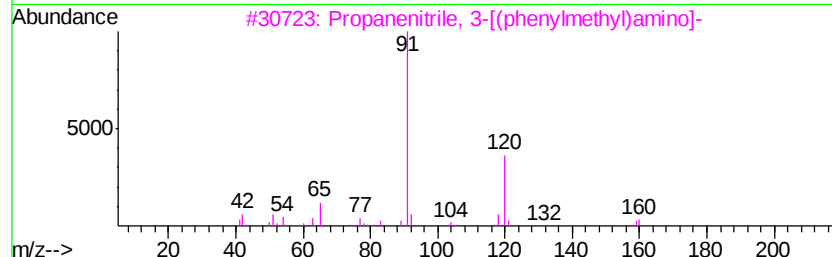
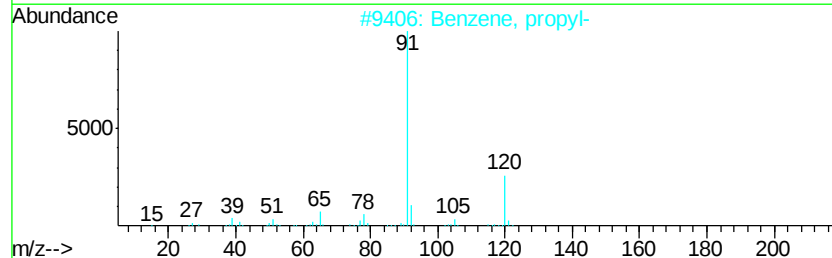
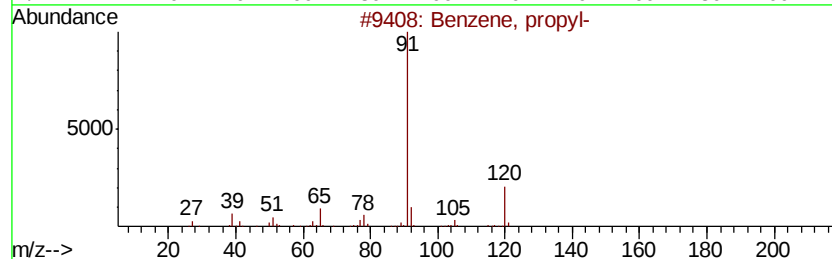
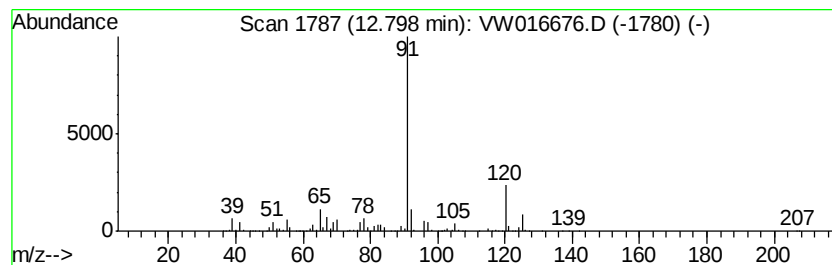
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Quant Title : VOC Analysis

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

Peak Number 40 Benzene, propyl- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	3.43 ug/L	3396280	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	81
2			Benzene, propyl-	120	C9H12	000103-65-1	81
3			Propanenitrile, 3-[(phenylmethyl)amino]-	160	C10H12N2	000706-03-6	53
4			1,2-Ethanediamine, N,N'-bis(phenylmethyl)-	240	C16H20N2	000140-28-3	53
5			Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

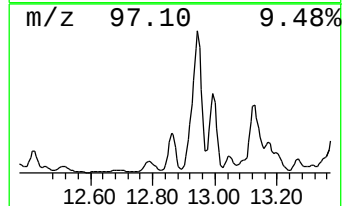
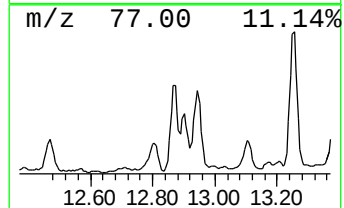
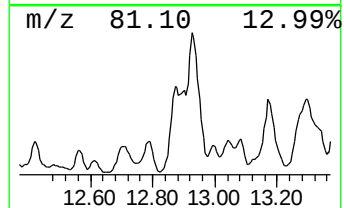
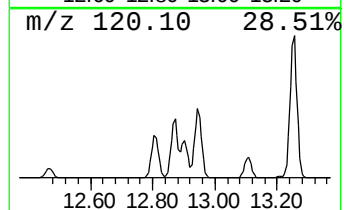
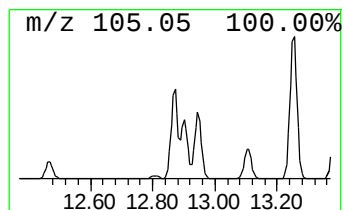
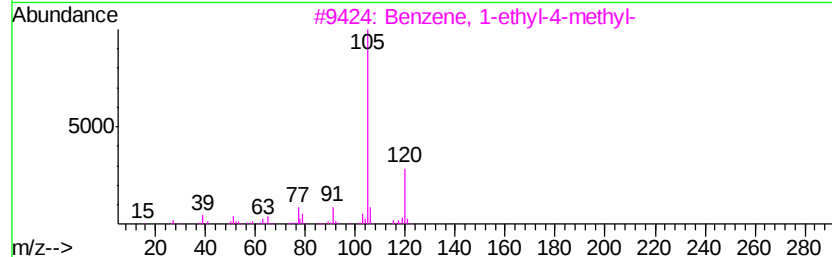
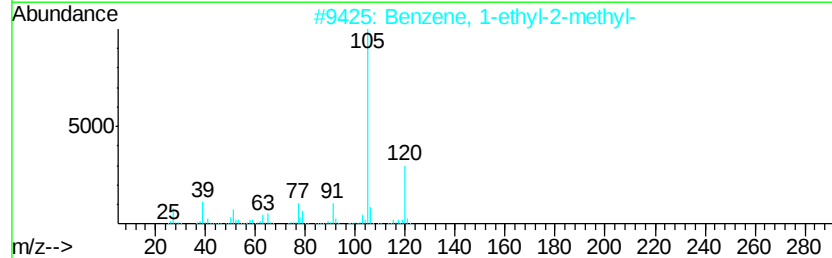
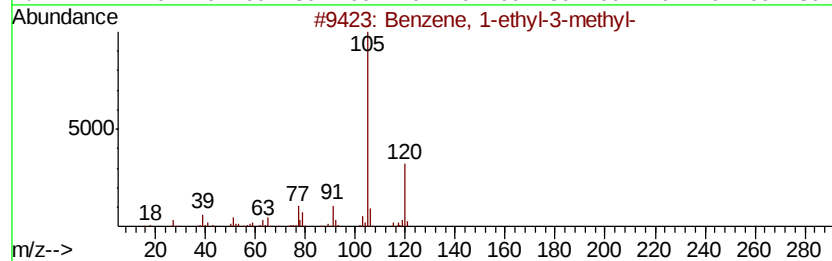
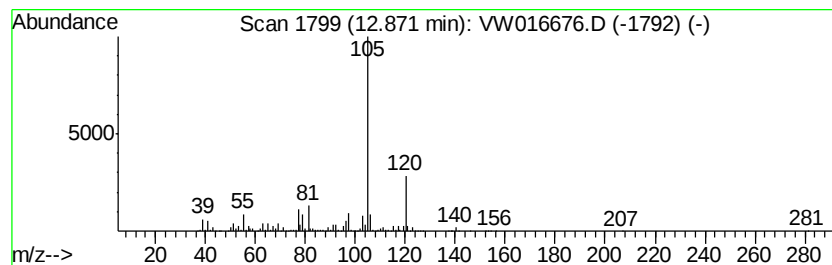
Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 41 Benzene, 1-ethyl-3-methyl- Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	3.30 ug/L	3269380	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-ethyl-3-methyl-	120 C9H12	000620-14-4	86
2	Benzene, 1-ethyl-2-methyl-	120 C9H12	000611-14-3	70
3	Benzene, 1-ethyl-4-methyl-	120 C9H12	000622-96-8	70
4	Benzene, 1-ethyl-4-methyl-	120 C9H12	000622-96-8	70
5	Benzene, (1-methylethyl)-	120 C9H12	000098-82-8	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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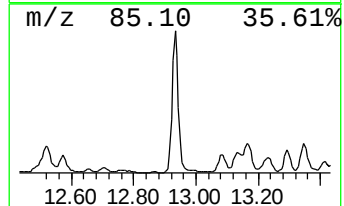
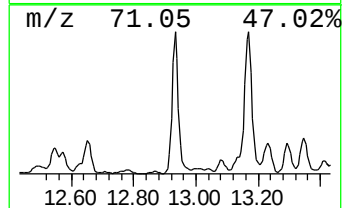
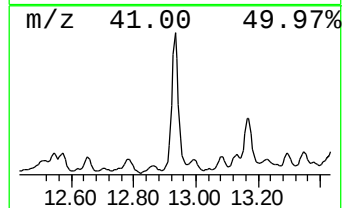
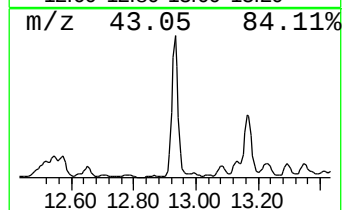
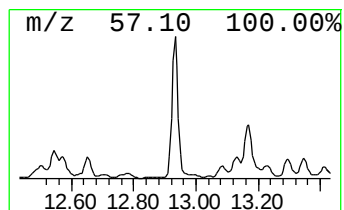
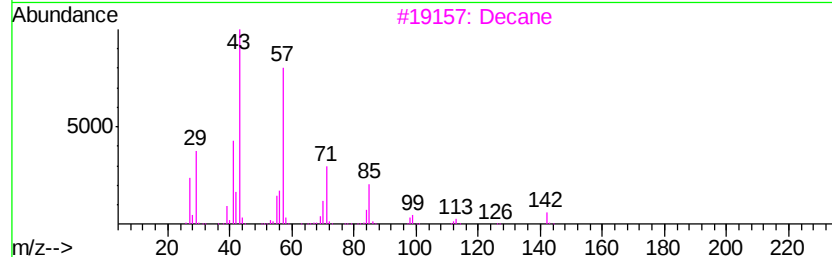
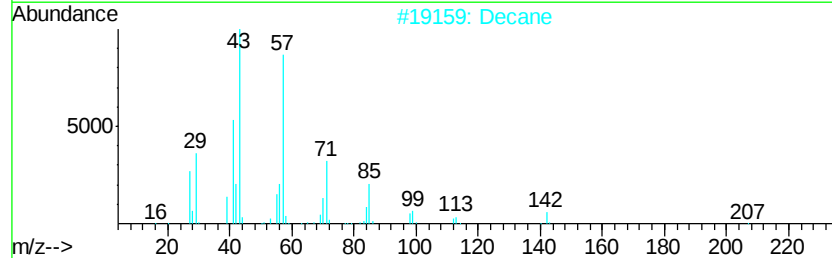
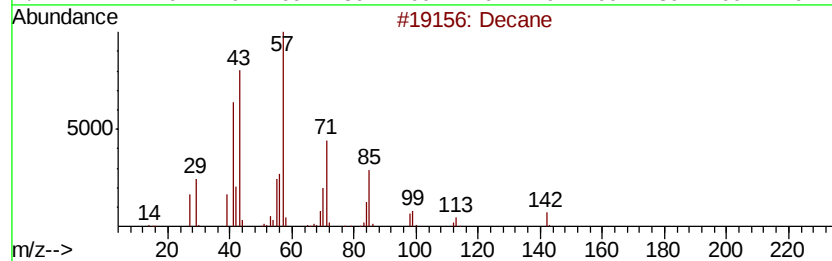
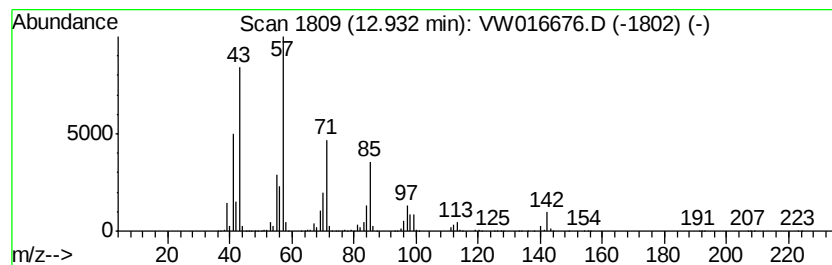
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Quant Title : VOC Analysis

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

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	15.00 ug/L	14856500	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	94
2		Decane	142	C10H22	000124-18-5	93
3		Decane	142	C10H22	000124-18-5	93
4		Decane	142	C10H22	000124-18-5	87
5		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

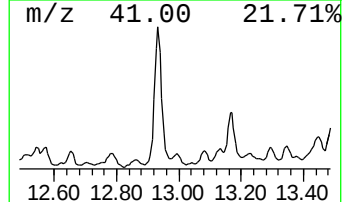
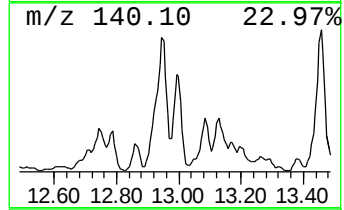
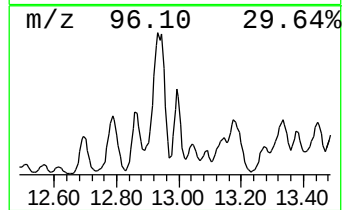
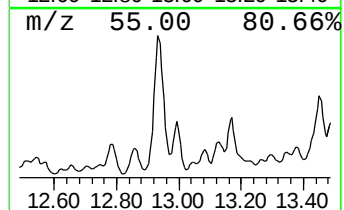
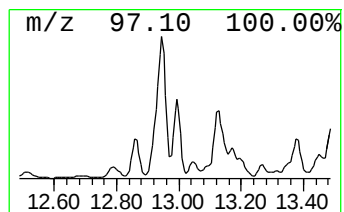
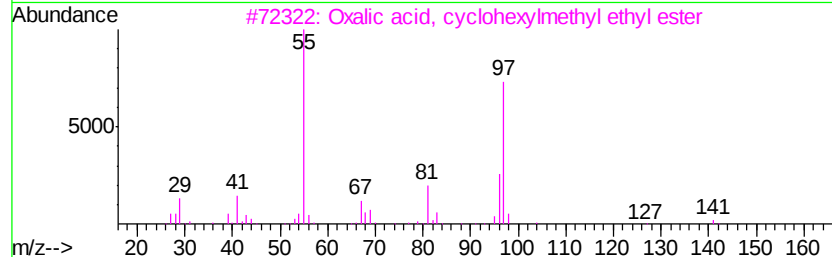
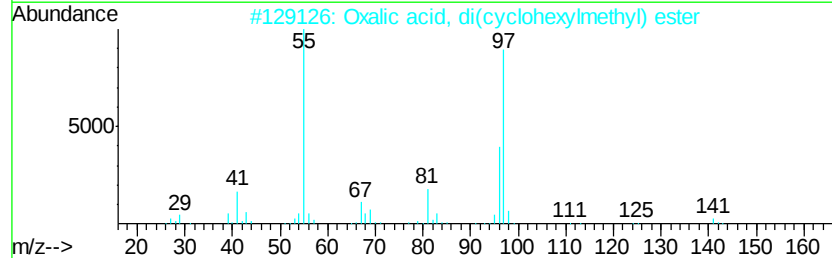
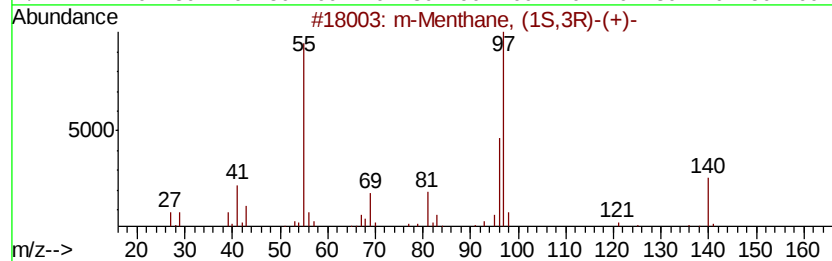
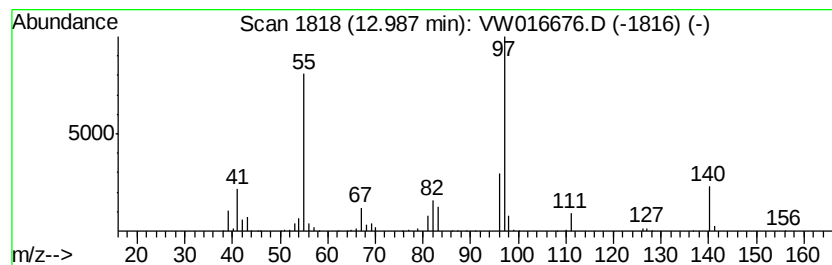
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Quant Title : VOC Analysis

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

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	1.47 ug/L	1458550	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	72
2		Oxalic acid, di(cyclohexylmethyl)...	282	C16H26O4	1000309-68-5	59
3		Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	59
4		Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	59
5		Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

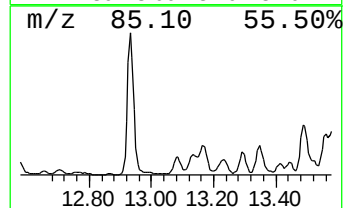
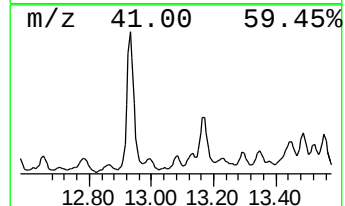
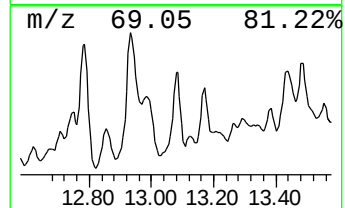
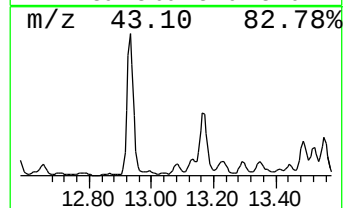
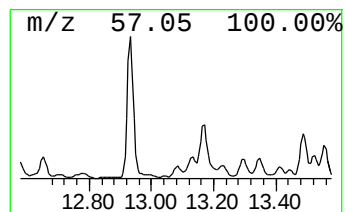
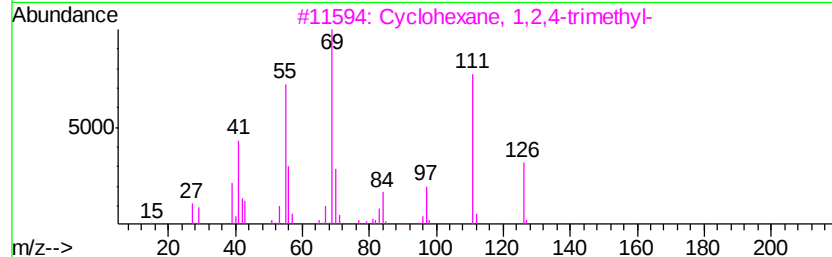
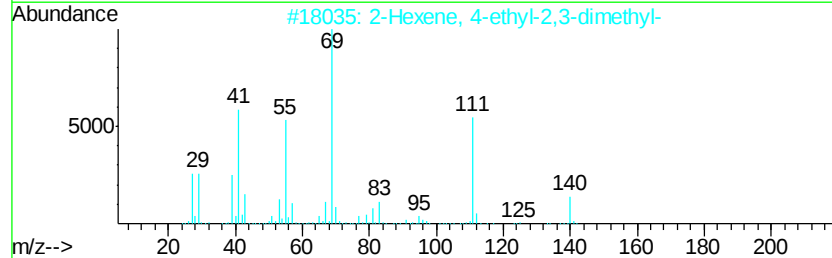
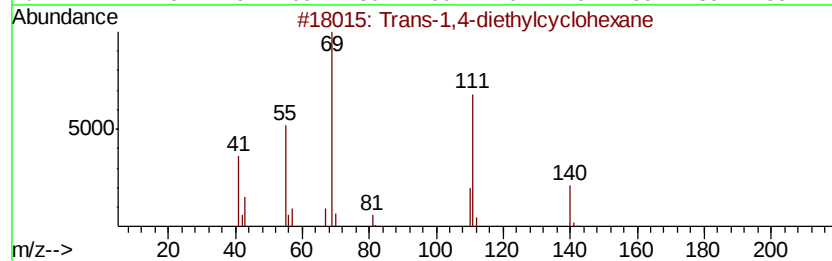
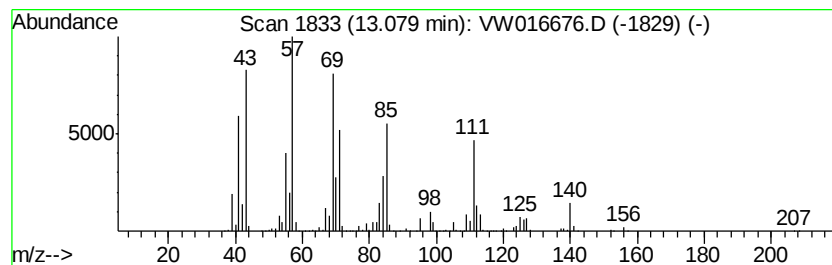
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Quant Title : VOC Analysis

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	1.81 ug/L	1793510	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	38
2			2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	38
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	35
5			3-Ethyl-4-octene	140	C10H20	019781-32-9	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
BG3Z0

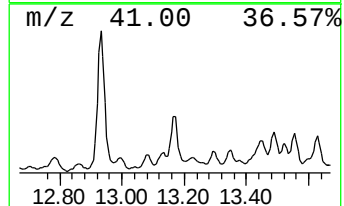
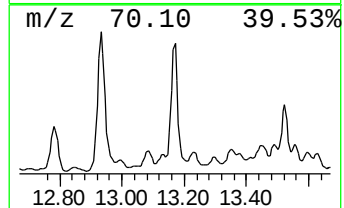
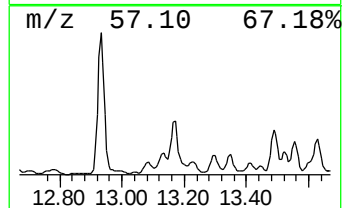
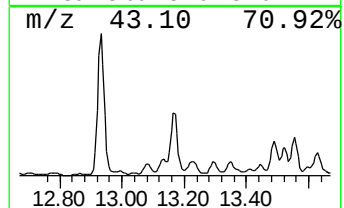
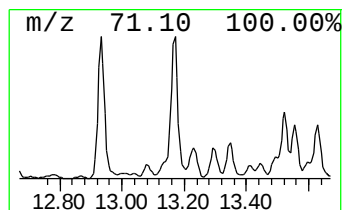
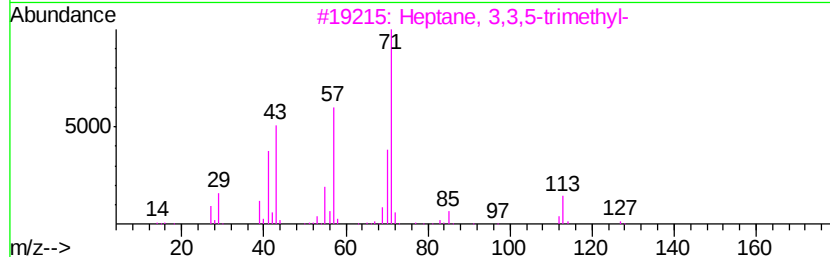
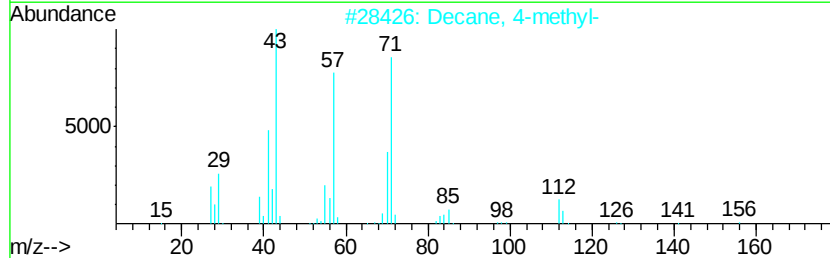
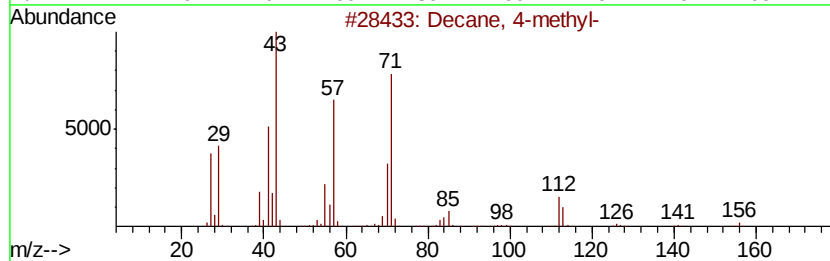
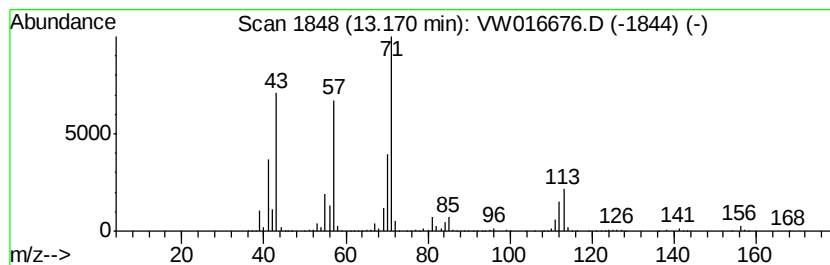
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Quant Title : VOC Analysis

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

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	4.73 ug/L	4683030	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	87
2			Decane, 4-methyl-	156	C11H24	002847-72-5	83
3			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
4			Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	72
5			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

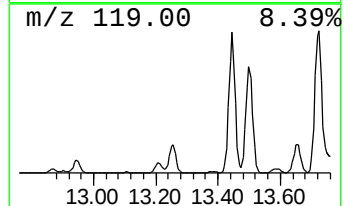
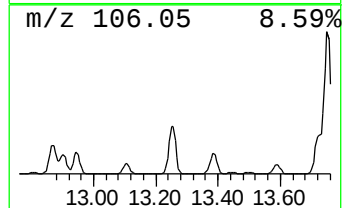
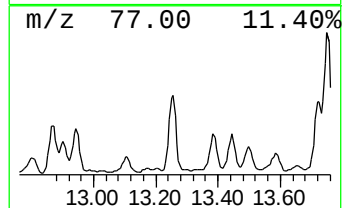
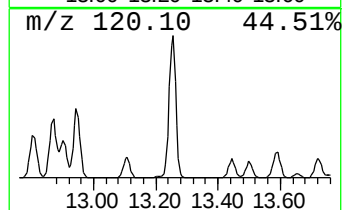
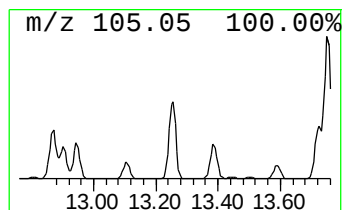
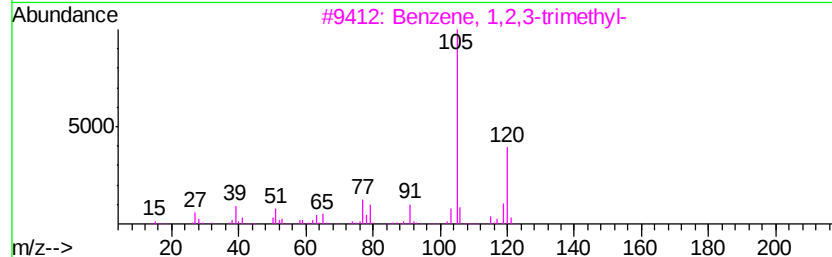
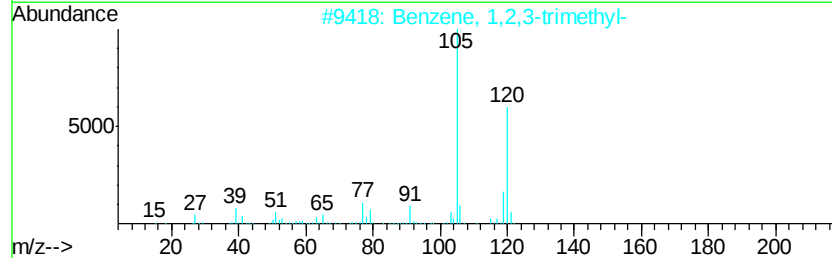
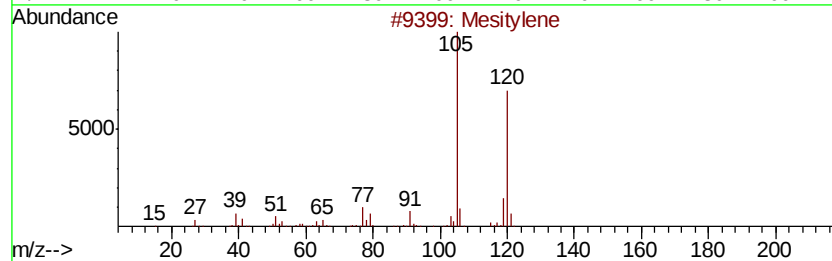
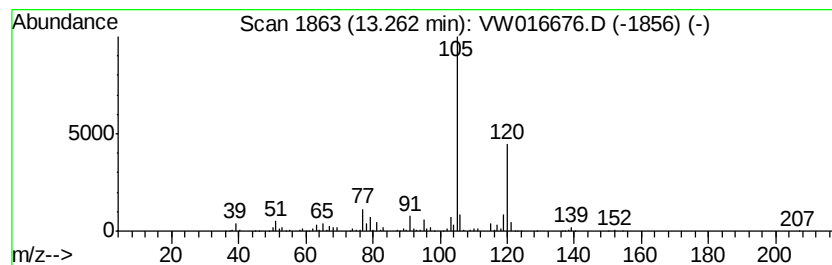
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Quant Title : VOC Analysis

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

Peak Number 46 Mesitylene Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	3.19 ug/L	3158480	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mesitylene	120	C9H12	000108-67-8	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

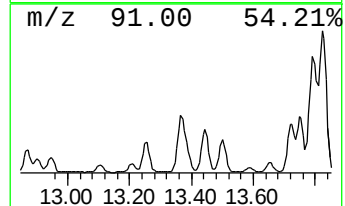
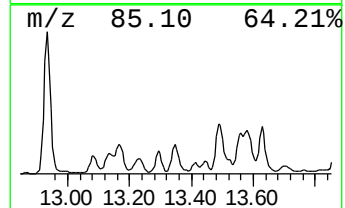
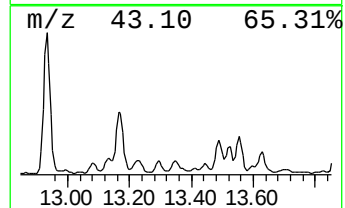
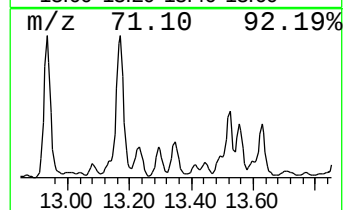
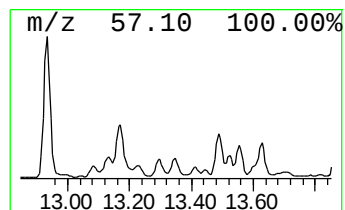
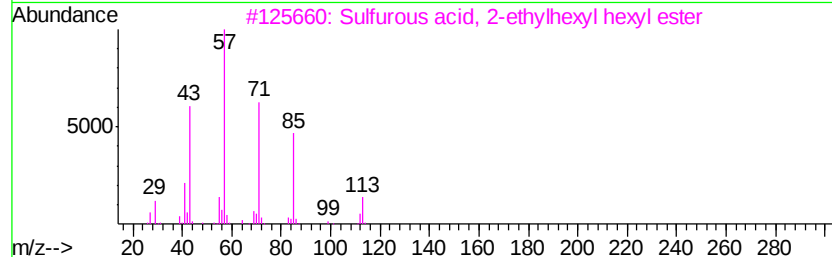
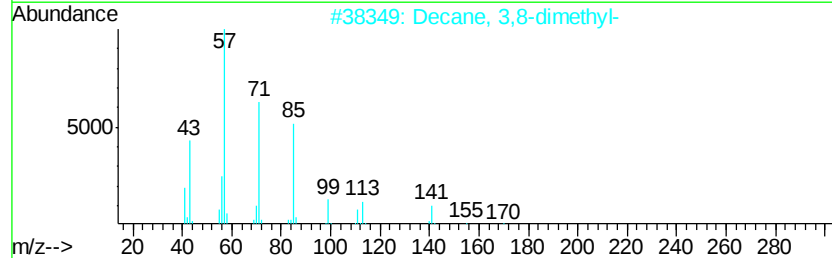
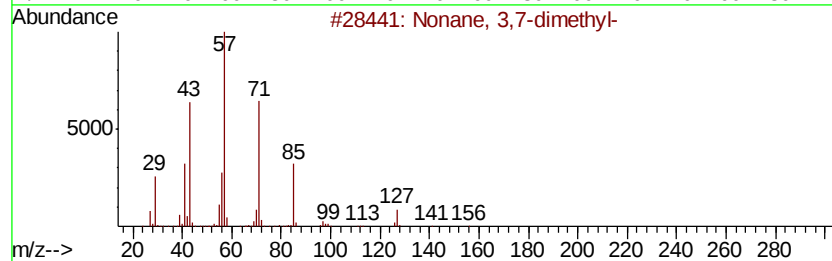
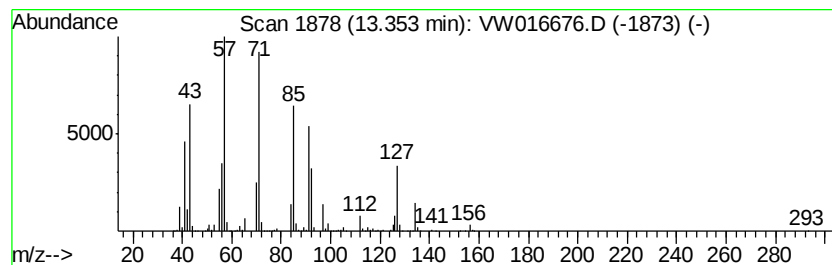
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Quant Title : VOC Analysis

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

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	1.63 ug/L	1613140	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	59
3			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	53
4			Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	53
5			Dodecane, 4-methyl-	184	C13H28	006117-97-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

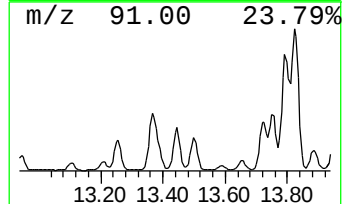
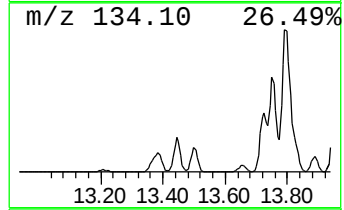
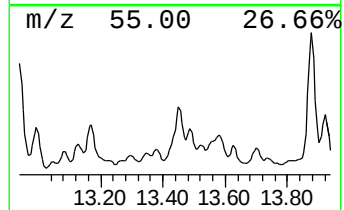
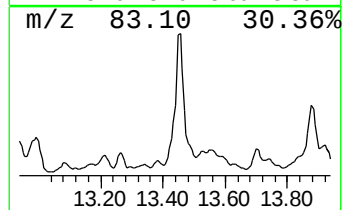
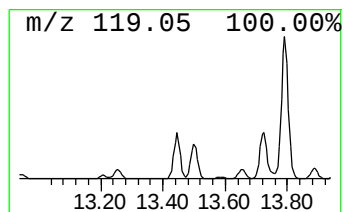
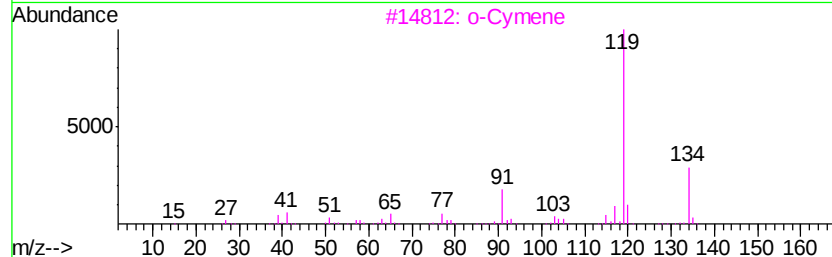
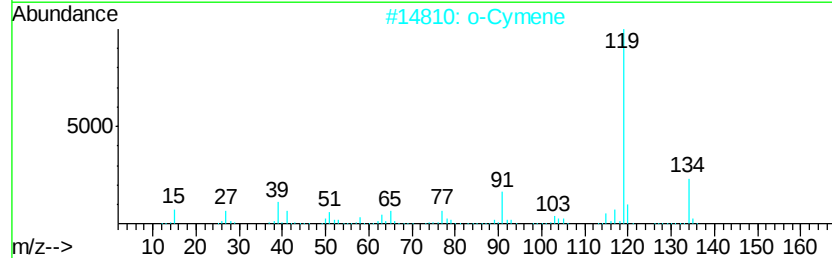
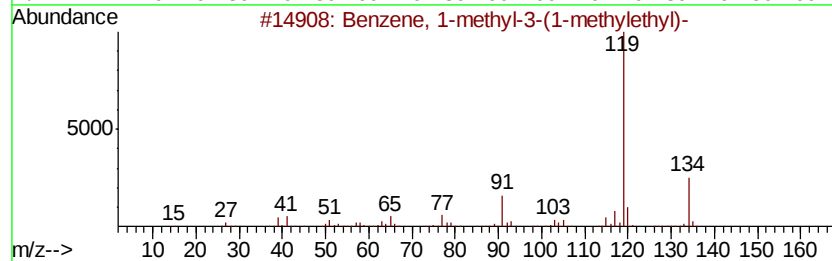
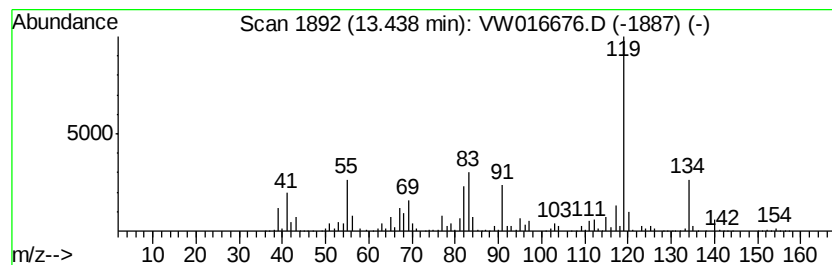
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Quant Title : VOC Analysis

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

Peak Number 48 Benzene, 1-methyl-3-(1-meth... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	4.94 ug/L	4895270	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2		o-Cymene	134	C10H14	000527-84-4	95
3		o-Cymene	134	C10H14	000527-84-4	95
4		p-Cymene	134	C10H14	000099-87-6	95
5		o-Cymene	134	C10H14	000527-84-4	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

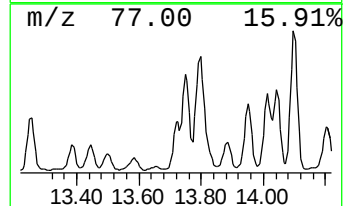
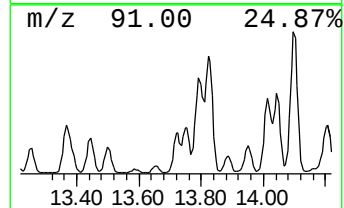
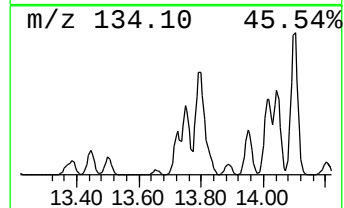
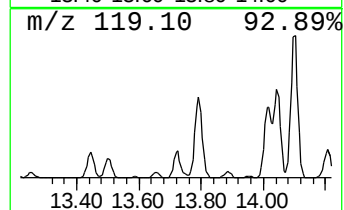
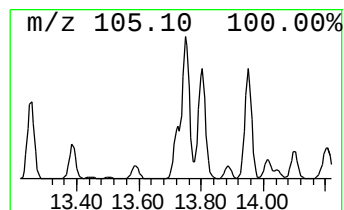
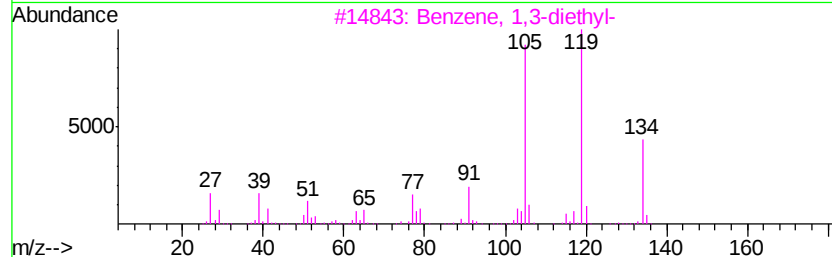
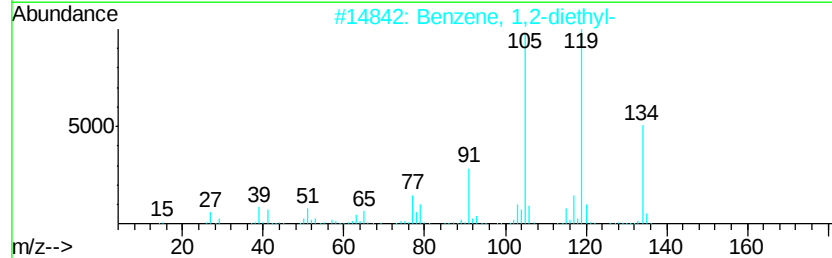
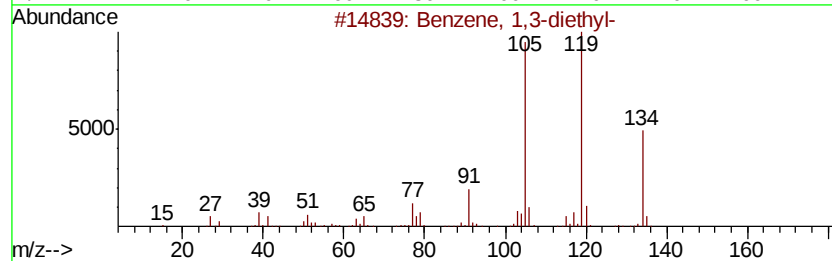
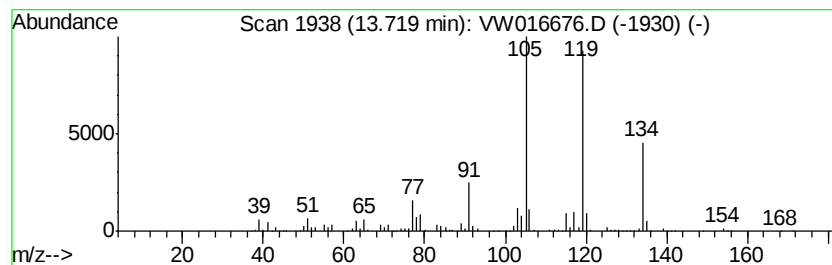
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Quant Title : VOC Analysis

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

Peak Number 49 Benzene, 1,3-diethyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	4.52 ug/L	4476080	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

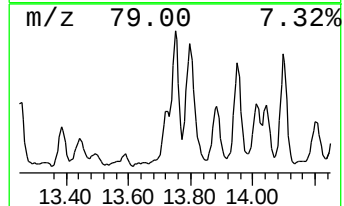
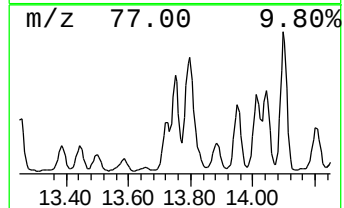
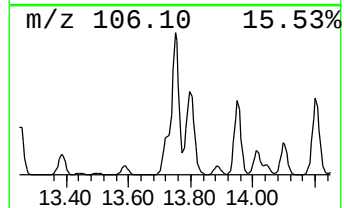
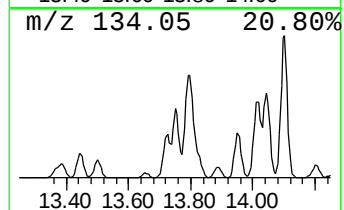
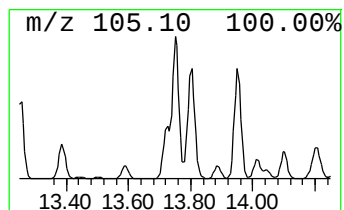
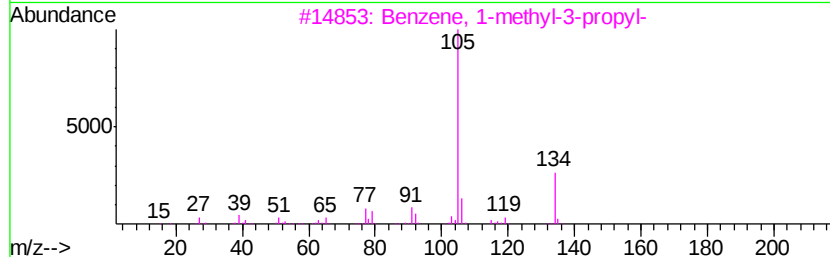
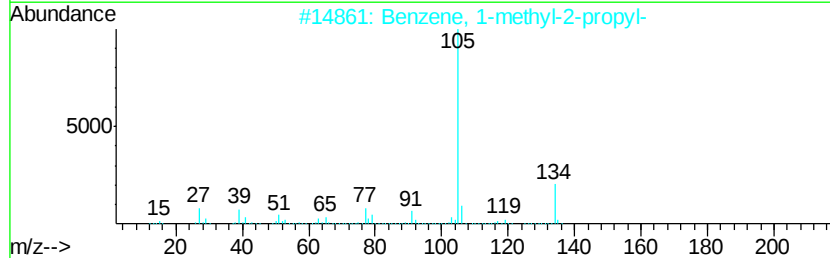
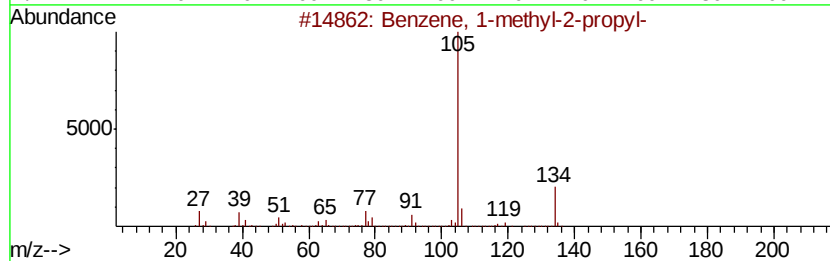
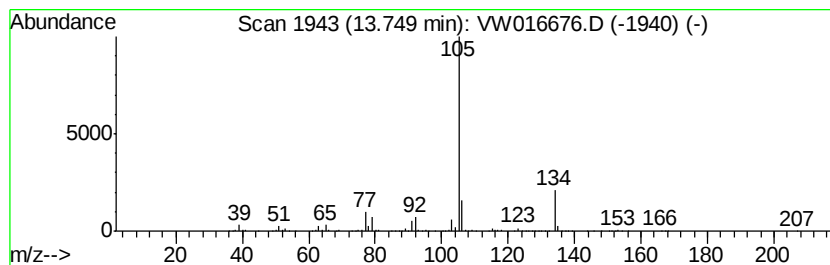
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Quant Title : VOC Analysis

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

Peak Number 50 Benzene, 1-methyl-2-propyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	4.36 ug/L	4313190	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	86
3		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	86
4		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	83
5		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

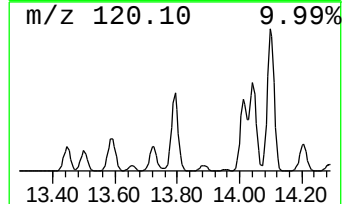
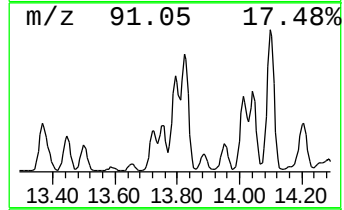
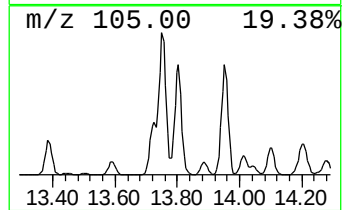
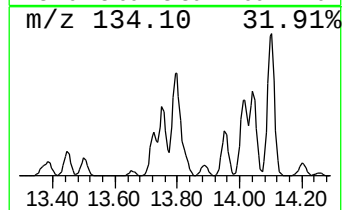
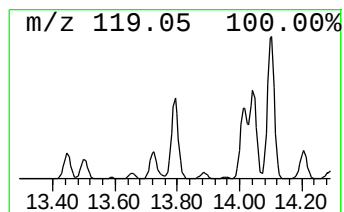
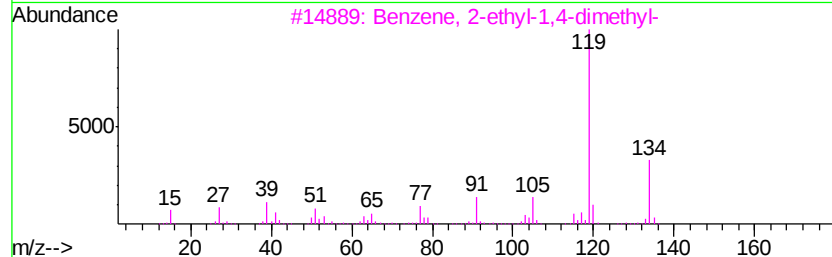
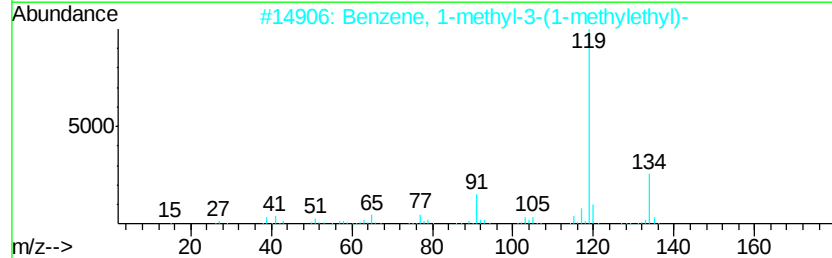
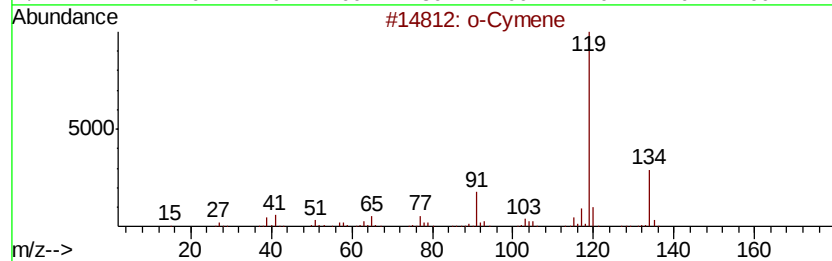
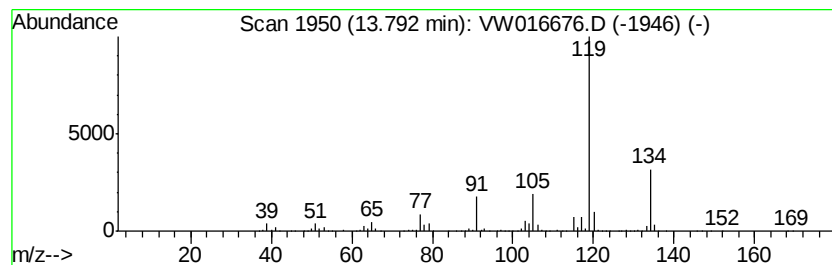
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Quant Title : VOC Analysis

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

Peak Number 51 o-Cymene Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	9.64 ug/L	9544470	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	94
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5		o-Cymene	134	C10H14	000527-84-4	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

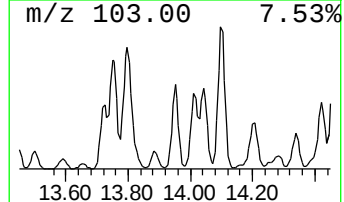
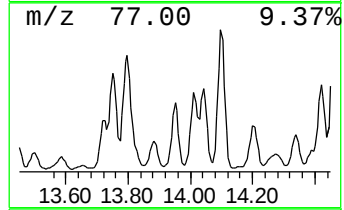
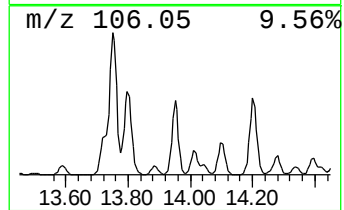
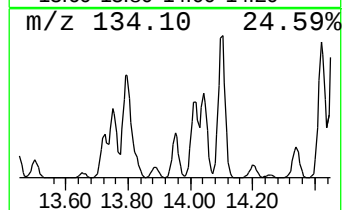
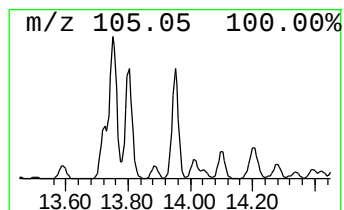
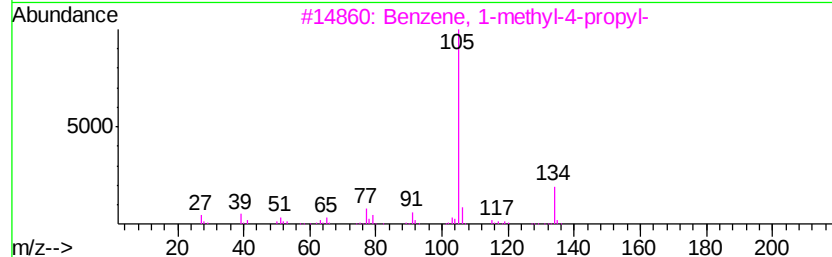
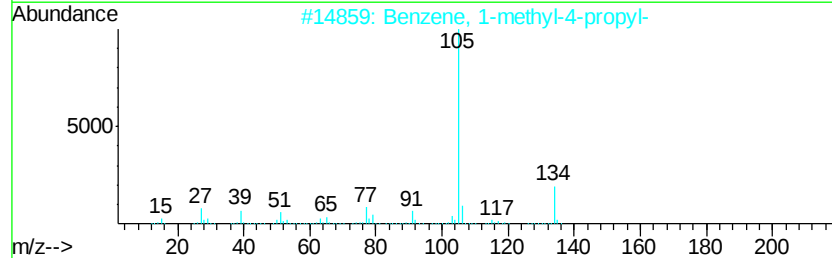
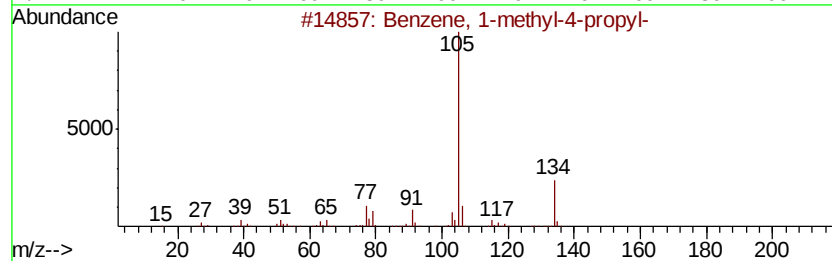
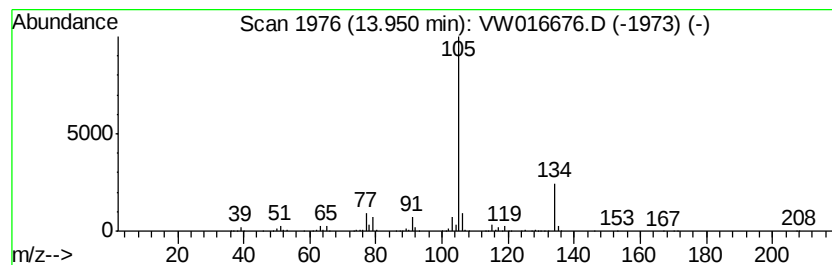
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Quant Title : VOC Analysis

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

Peak Number 52 Benzene, 1-methyl-4-propyl- Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	2.89 ug/L	2864230	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

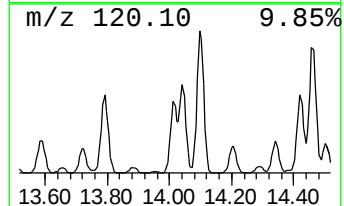
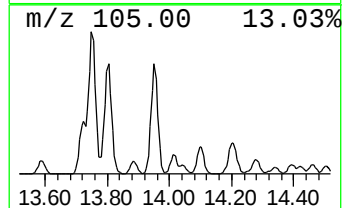
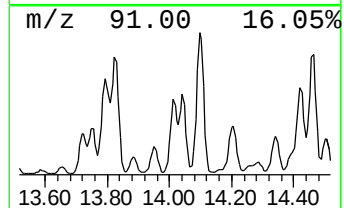
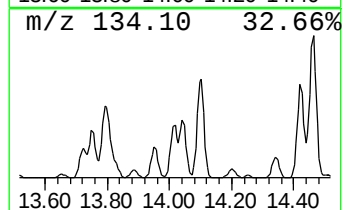
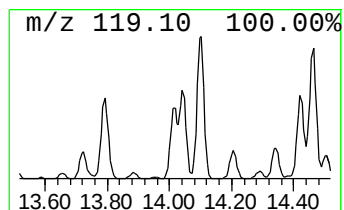
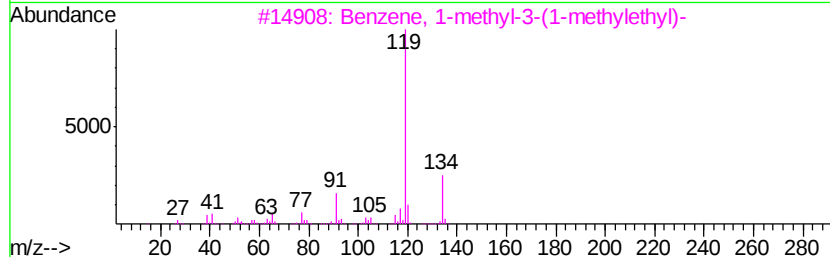
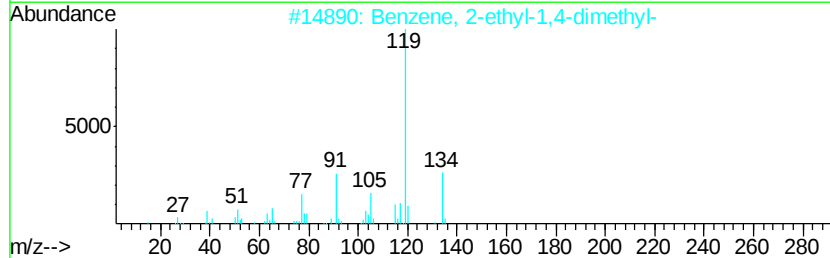
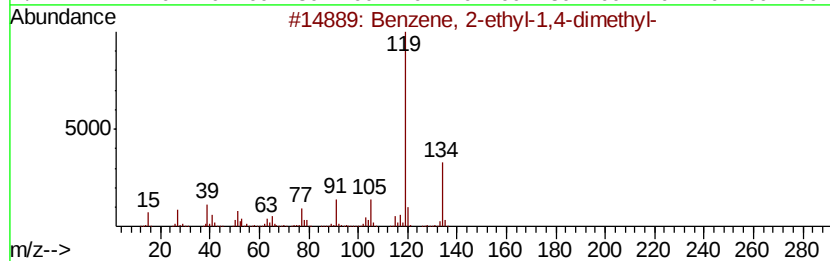
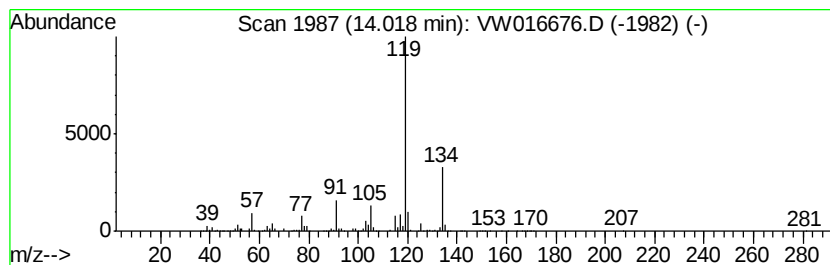
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Quant Title : VOC Analysis

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

Peak Number 53 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	6.01 ug/L	5955420	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
4		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

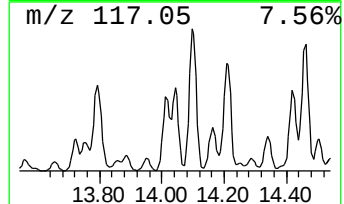
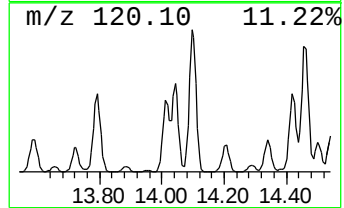
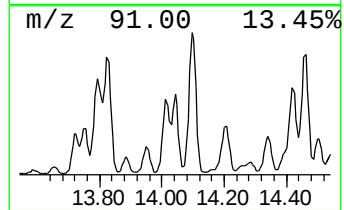
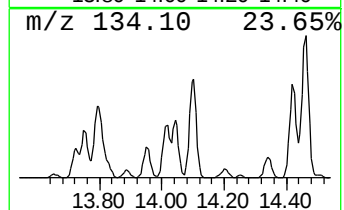
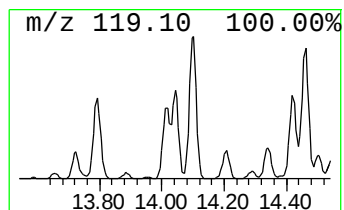
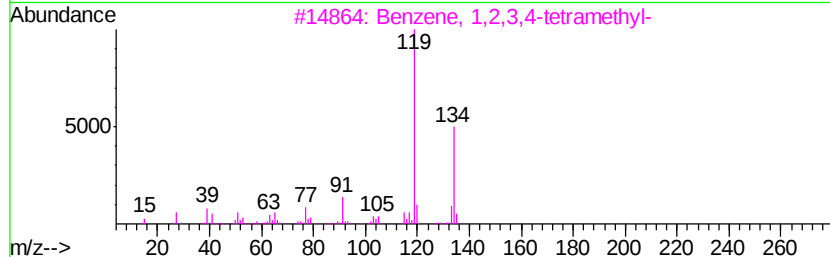
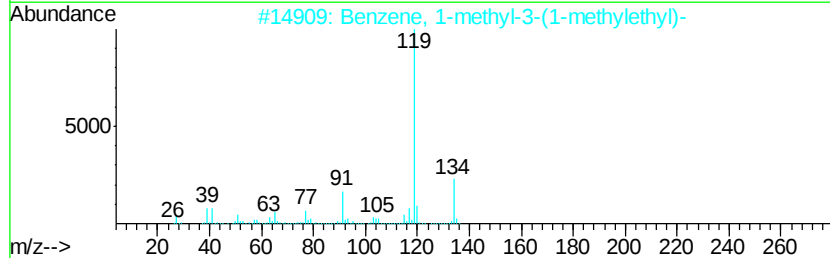
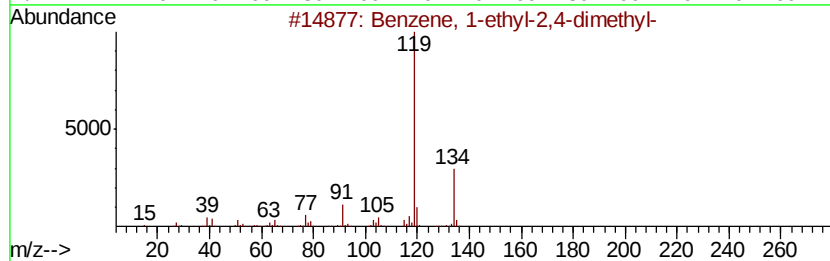
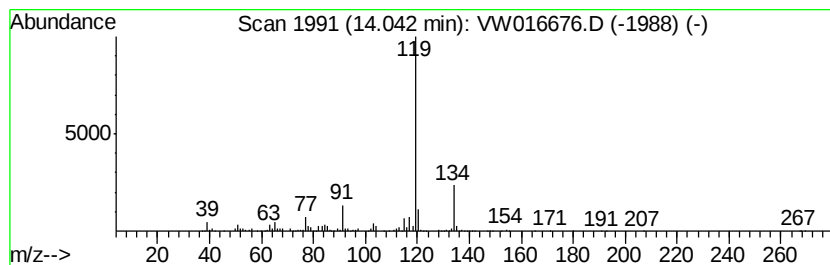
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 54 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	7.65 ug/L	7573410	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
2		Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	94
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

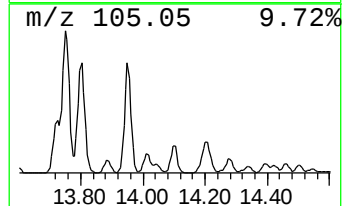
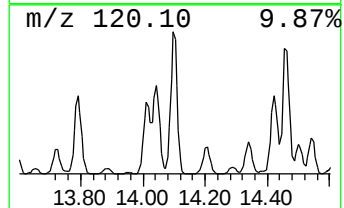
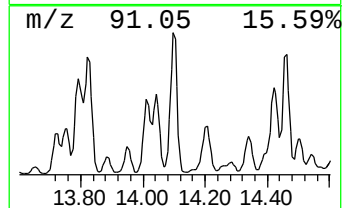
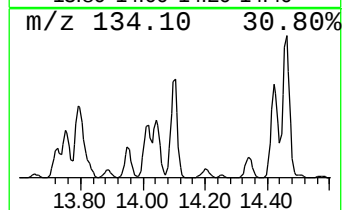
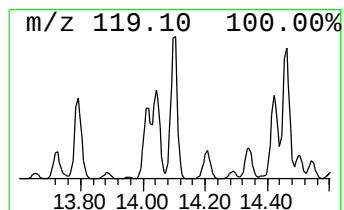
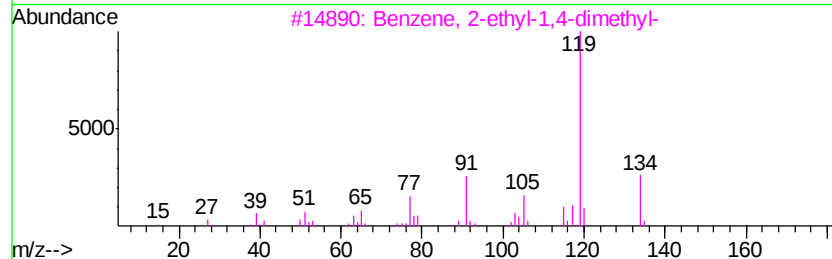
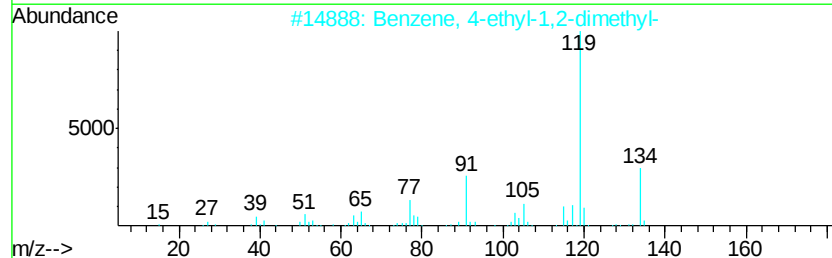
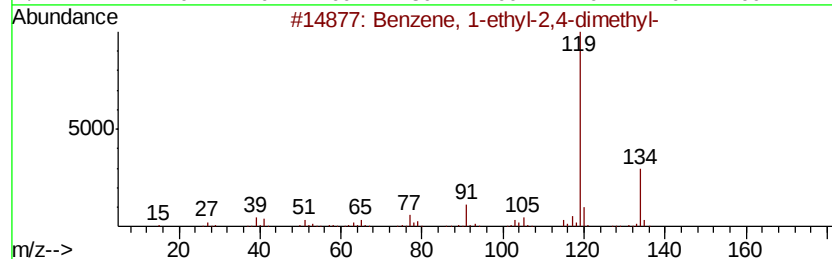
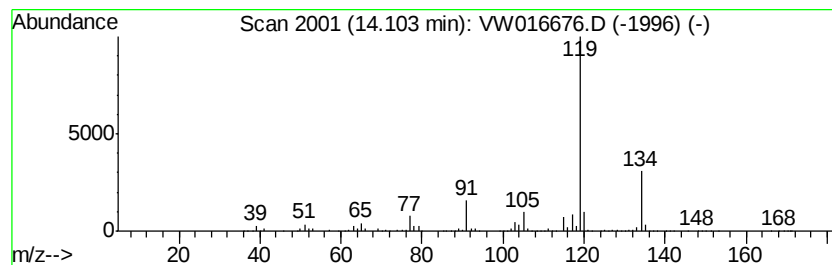
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Quant Title : VOC Analysis

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

Peak Number 55 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	11.32 ug/L	11210300	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

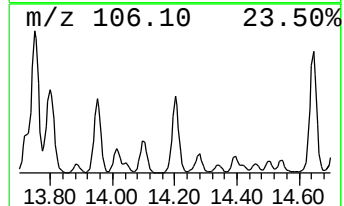
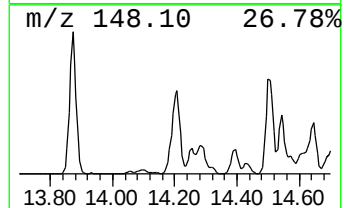
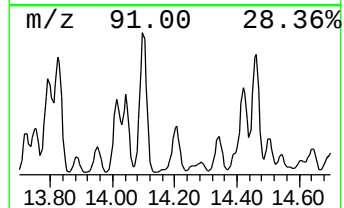
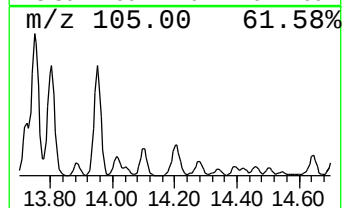
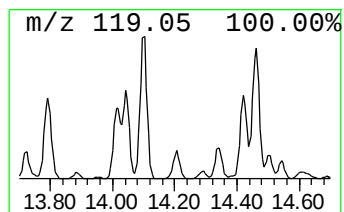
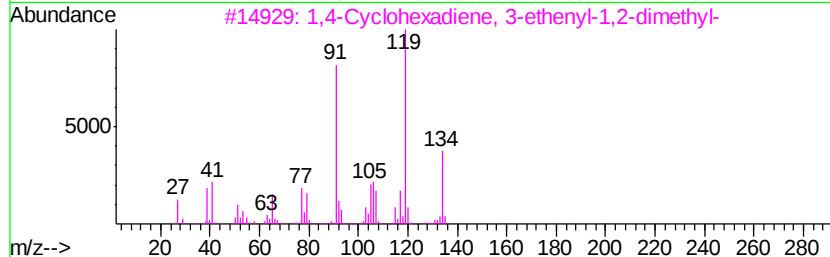
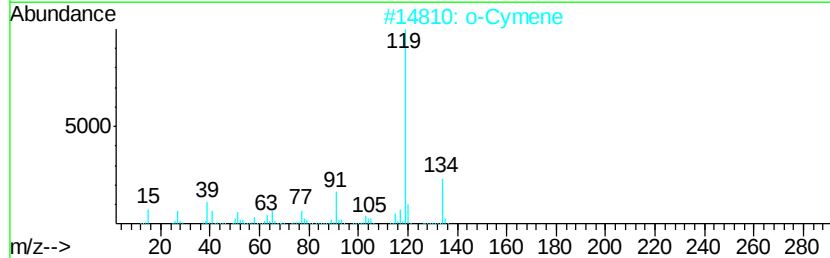
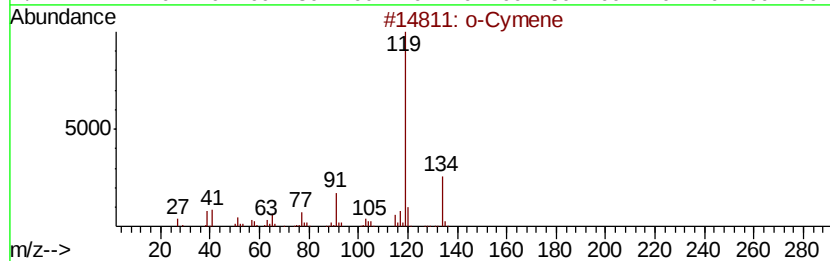
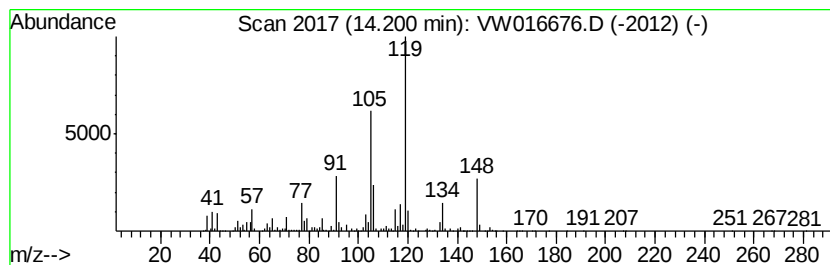
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Quant Title : VOC Analysis

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

Peak Number 56 1,4-Cyclohexadiene, 3-ethen... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	4.65 ug/L	4603760	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	93
2			o-Cymene	134	C10H14	000527-84-4	86
3			1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	81
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

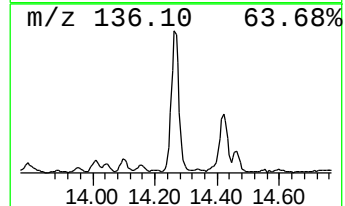
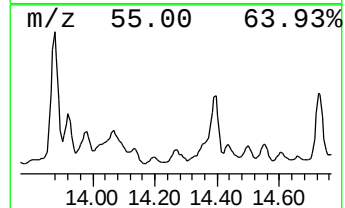
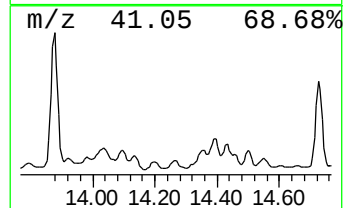
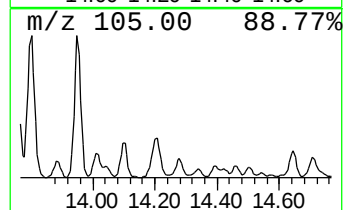
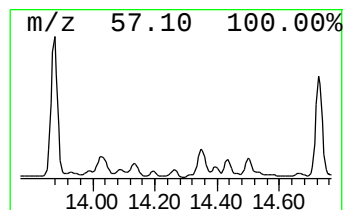
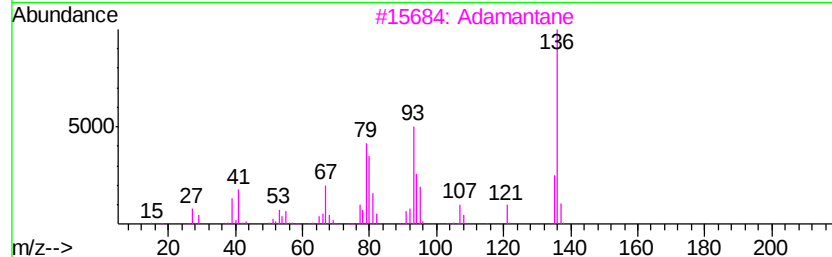
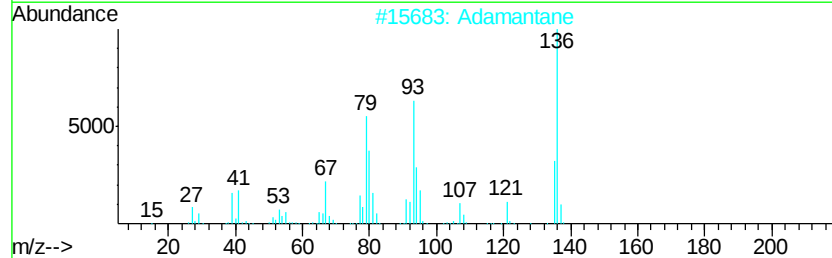
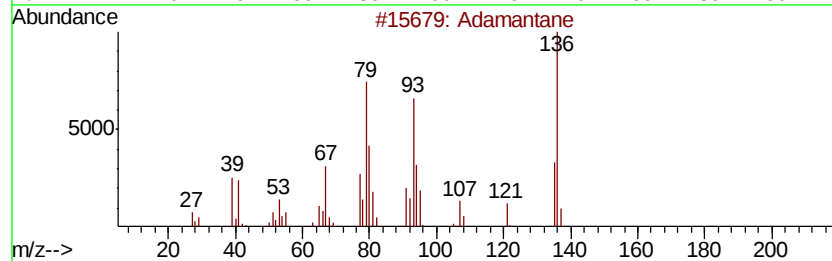
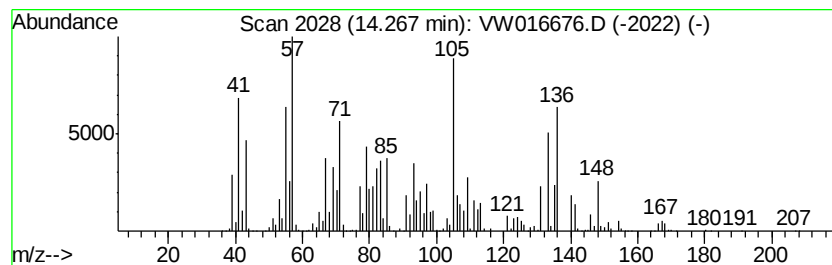
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Quant Title : VOC Analysis

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

Peak Number 57 unknown-01 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	2.69 ug/L	2664040	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Adamantane	136	C10H16	000281-23-2	38
2		Adamantane	136	C10H16	000281-23-2	38
3		Adamantane	136	C10H16	000281-23-2	25
4		2-Purinol	136	C5H4N4O	002308-57-8	22
5		Bicyclo[3.3.1]non-6-en-2-one	136	C9H12O	022482-58-2	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

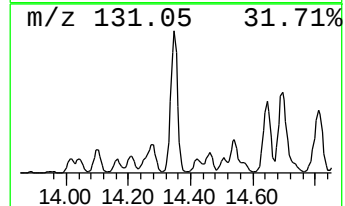
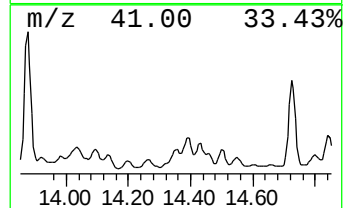
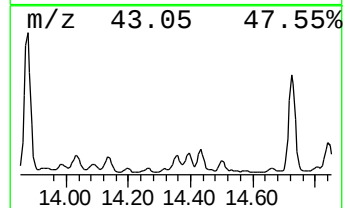
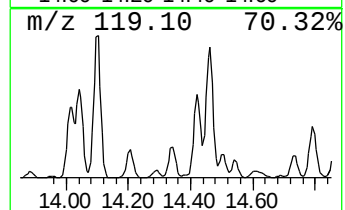
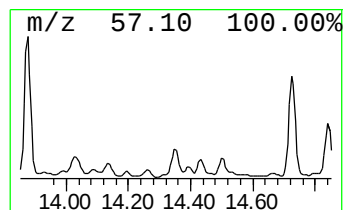
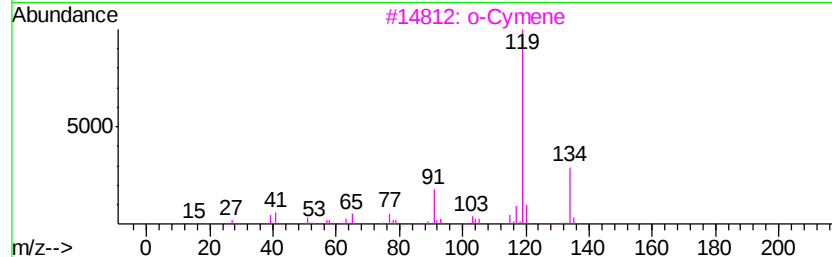
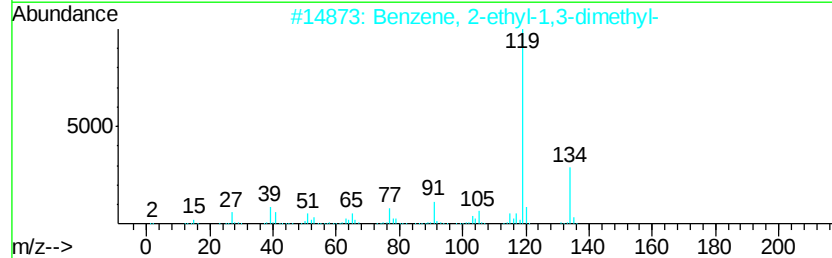
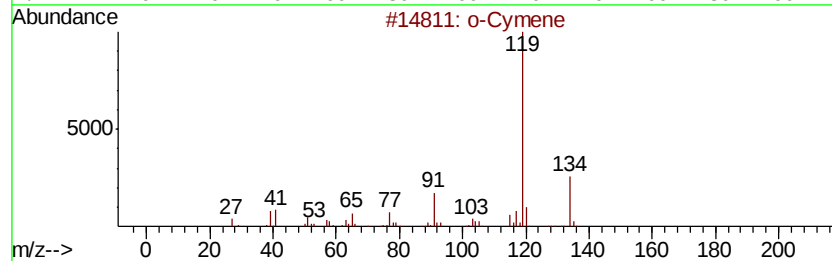
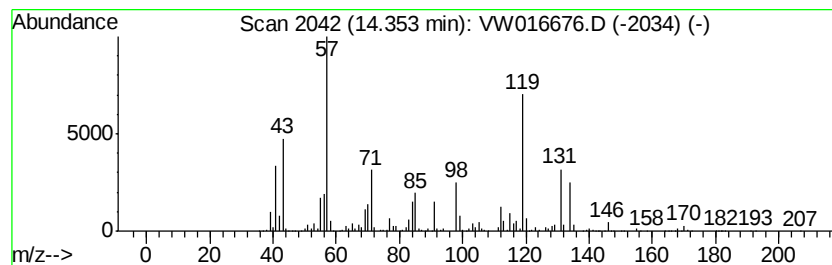
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Quant Title : VOC Analysis

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

Peak Number 58 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	6.41 ug/L	6346210	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	91
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
3		o-Cymene	134	C10H14	000527-84-4	90
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	78
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

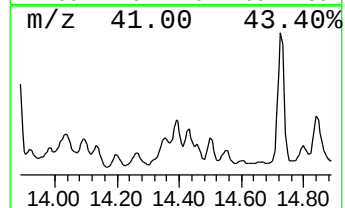
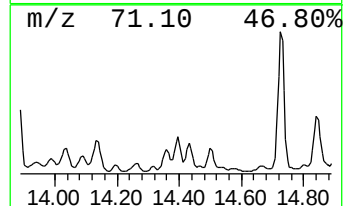
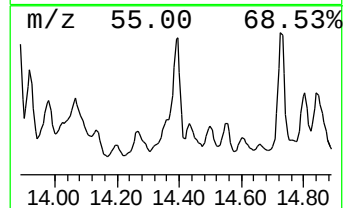
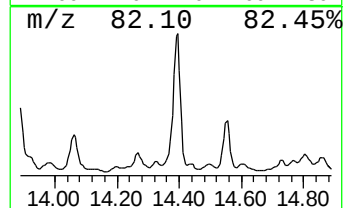
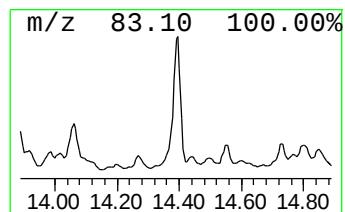
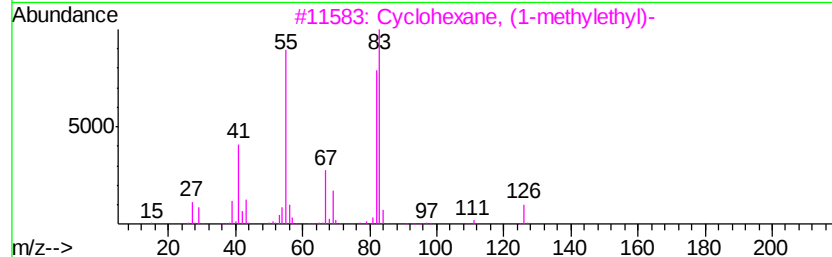
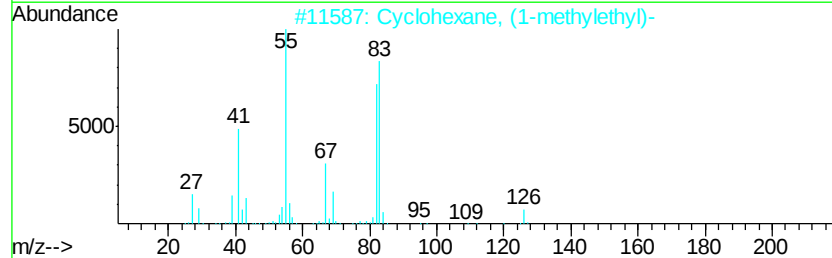
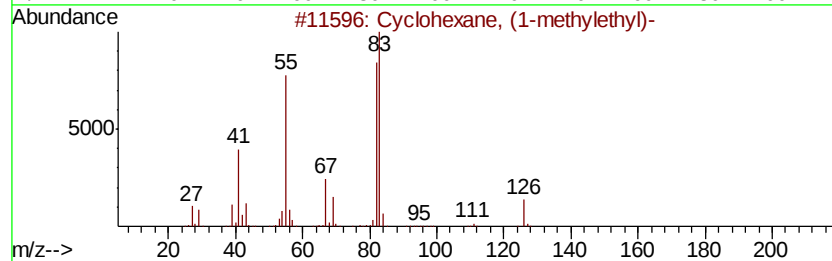
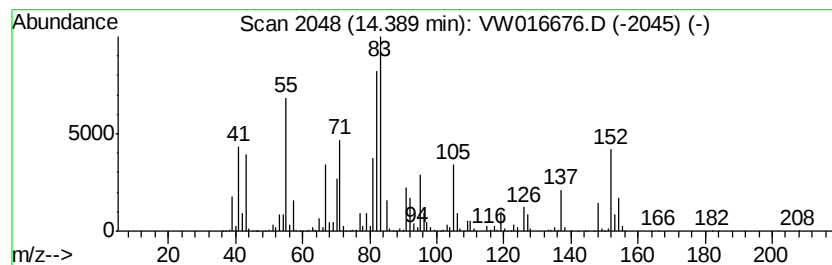
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Quant Title : VOC Analysis

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

Peak Number 59 (DEL) Alkane: Cyclic14.39 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	5.29 ug/L	5237930	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
3		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
4		Cyclohexane, 1,1'-(1,4-butanediol-...	222	C16H30	006165-44-2	38
5		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

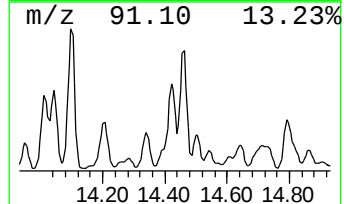
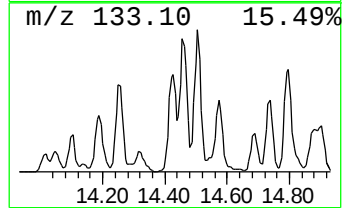
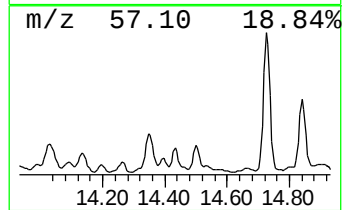
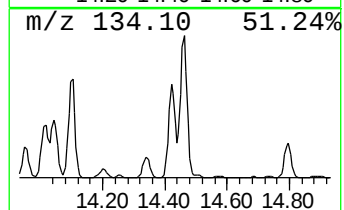
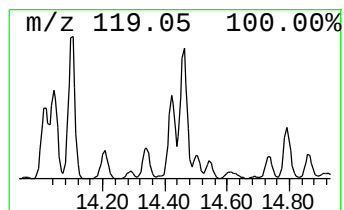
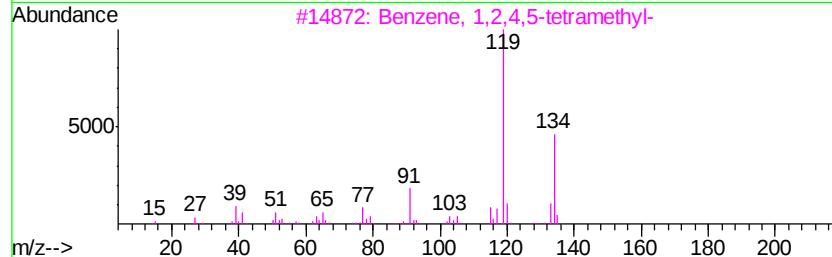
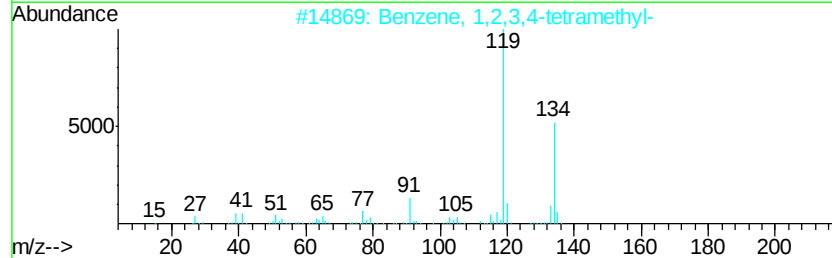
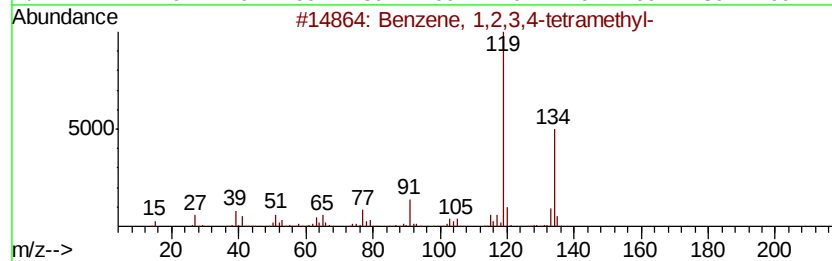
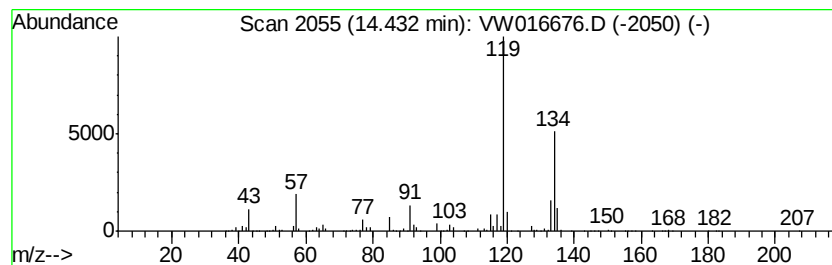
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Quant Title : VOC Analysis

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

Peak Number 60 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	11.05 ug/L	10947100	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

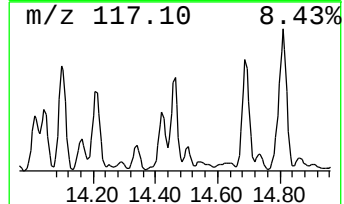
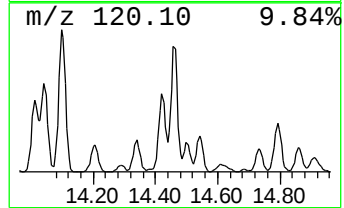
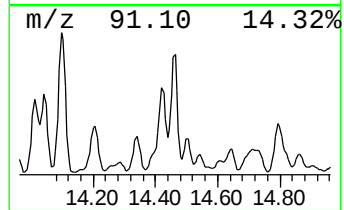
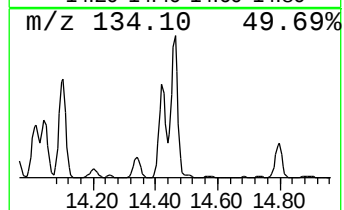
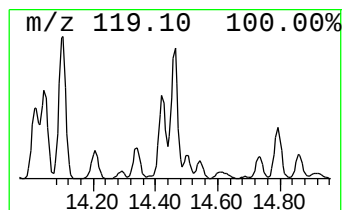
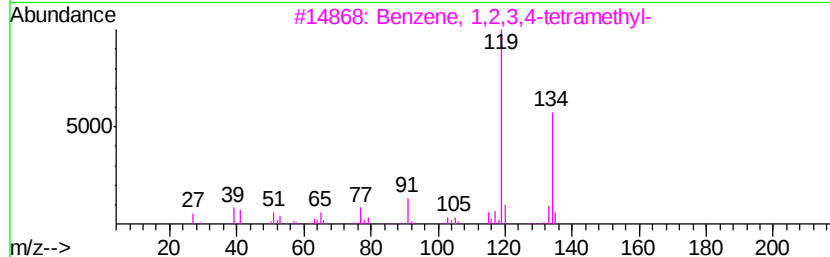
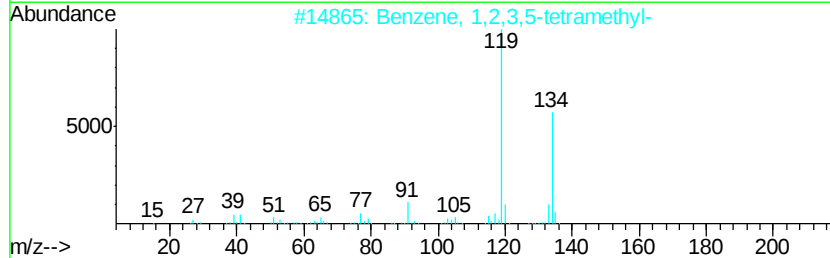
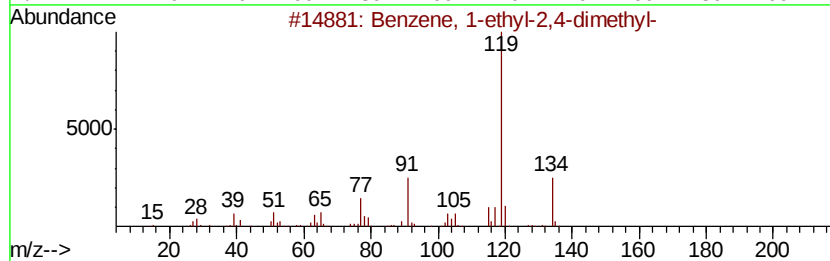
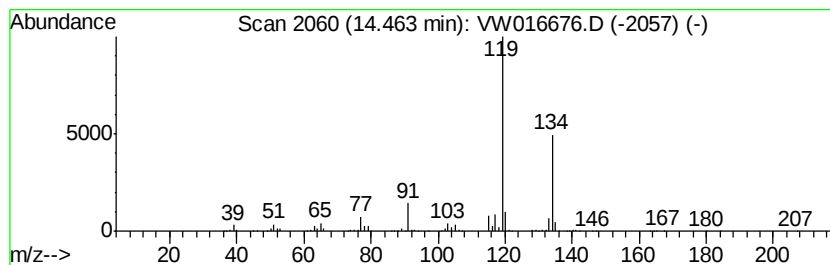
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Quant Title : VOC Analysis

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

Peak Number 61 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	10.72 ug/L	10610900	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

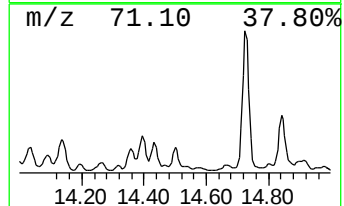
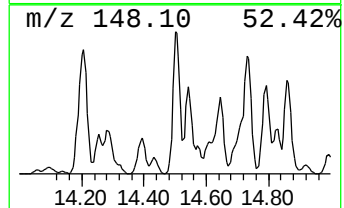
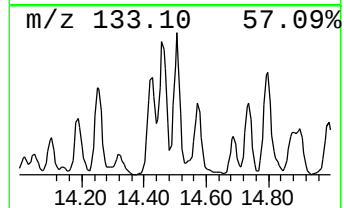
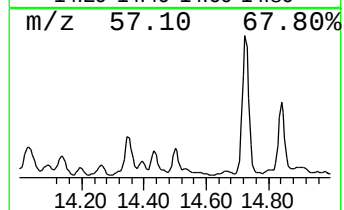
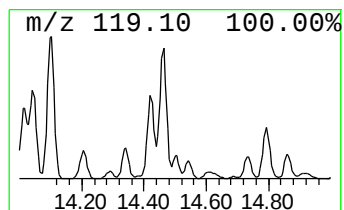
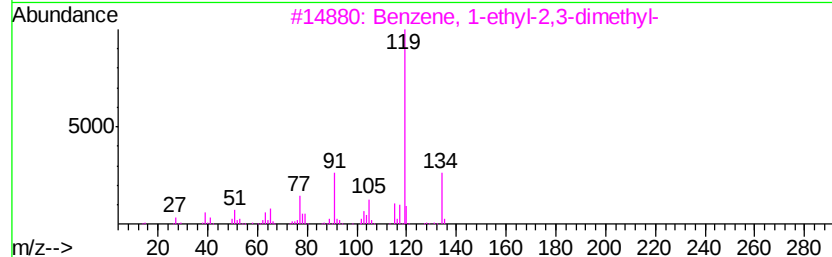
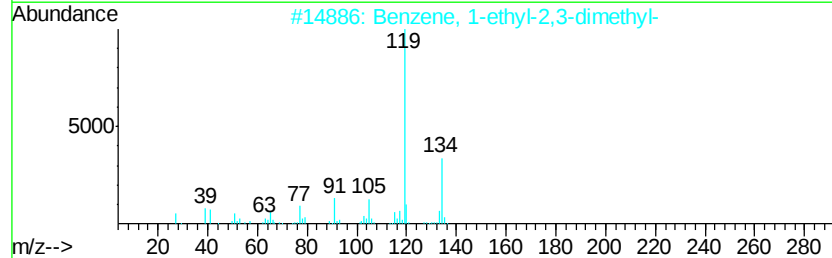
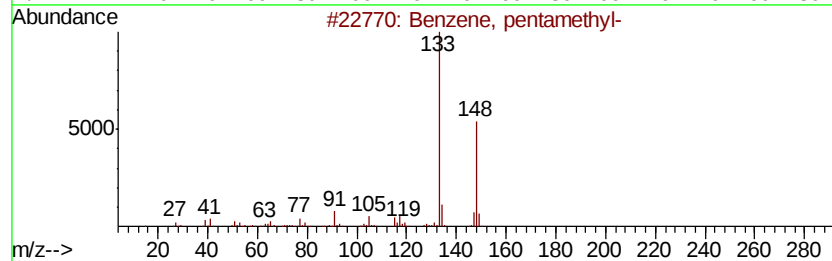
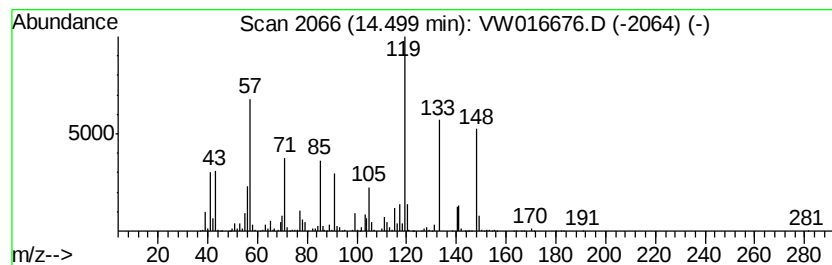
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Quant Title : VOC Analysis

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

Peak Number 62 unknown-02 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	3.42 ug/L	3389440	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, pentamethyl-	148	C11H16	000700-12-9	38
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	35
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	27
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	27
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

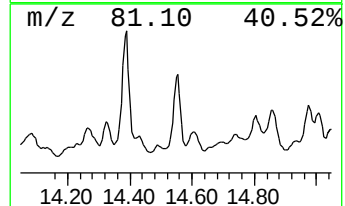
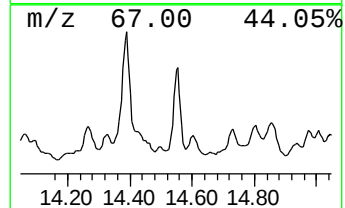
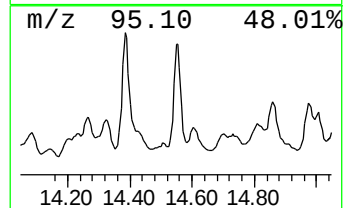
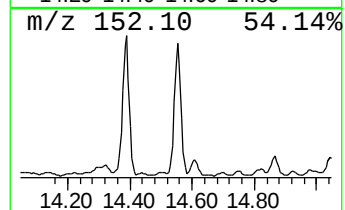
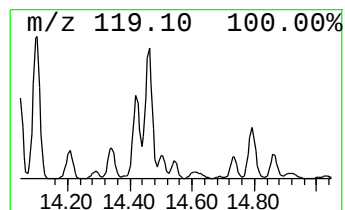
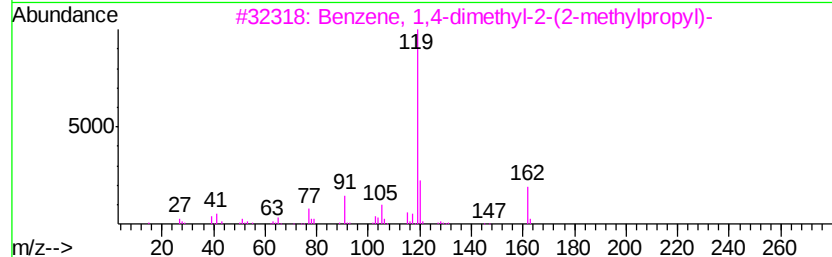
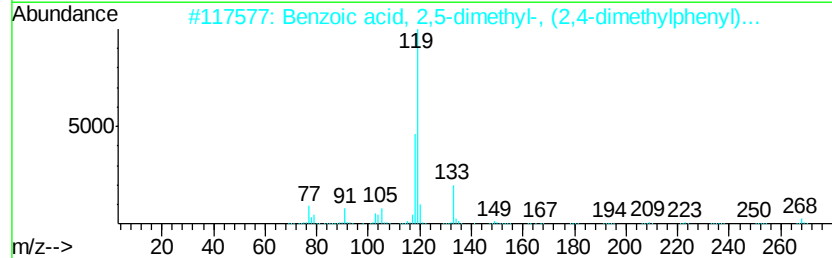
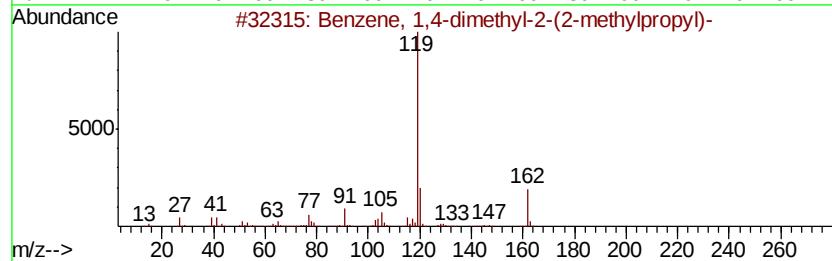
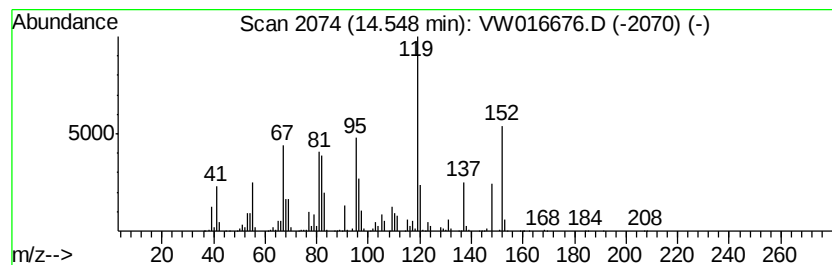
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Quant Title : VOC Analysis

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

Peak Number 63 unknown-03 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	2.62 ug/L	2591740	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-dimethyl-2-(2-methyl...	162	C12H18	055669-88-0	14
2		Benzoic acid, 2,5-dimethyl-, (2,...	268	C18H20O2	055000-48-1	14
3		Benzene, 1,4-dimethyl-2-(2-methyl...	162	C12H18	055669-88-0	14
4		Benzene, 1,4-dimethyl-2-(2-methyl...	162	C12H18	055669-88-0	14
5		Benzoic acid, 2-amino-, 1-methyl...	179	C10H13NO2	018189-02-1	12



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

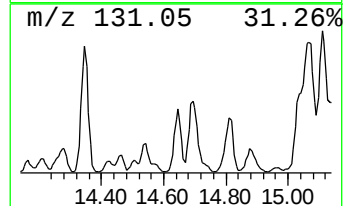
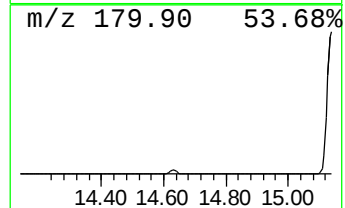
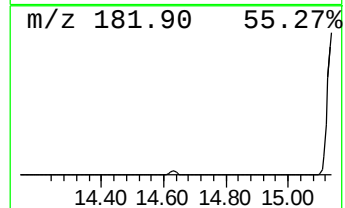
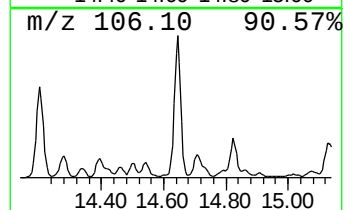
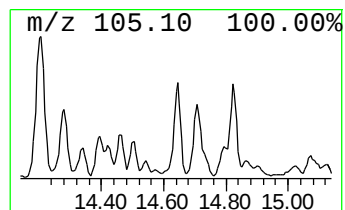
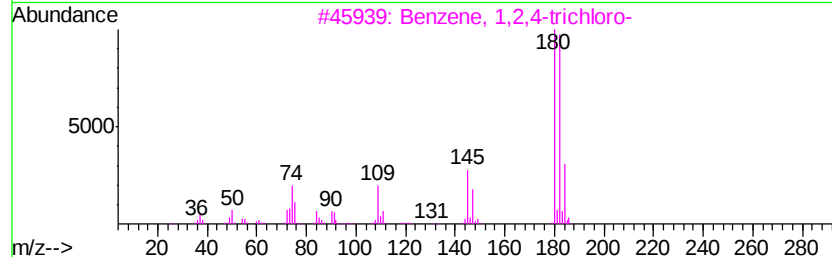
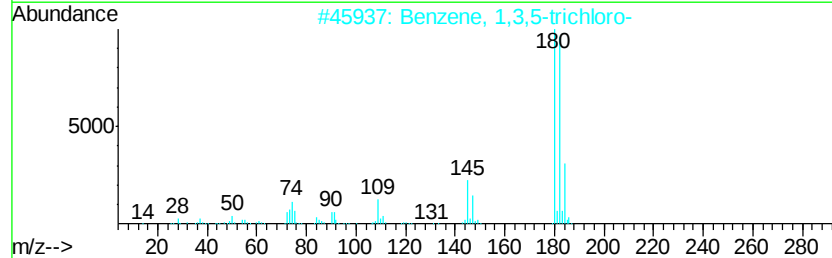
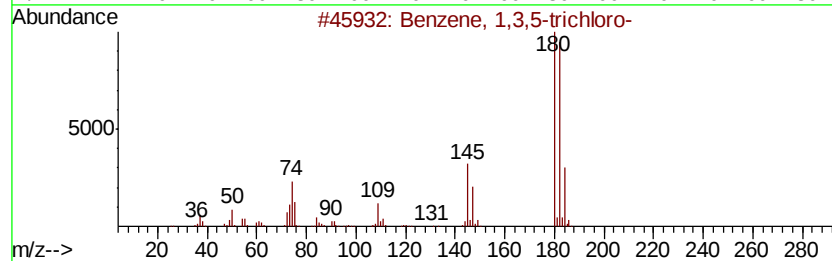
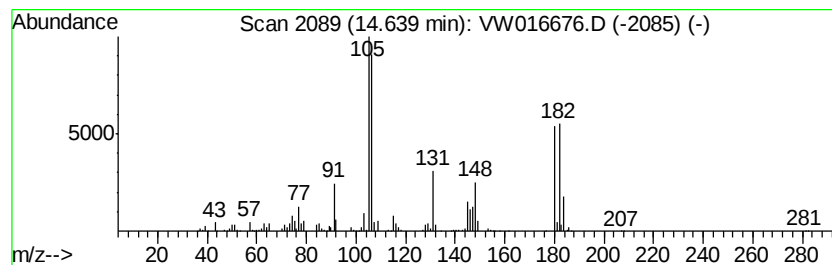
Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 64 Benzene, 1,3,5-trichloro- Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	2.56 ug/L	2535760	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1,3,5-trichloro-	180 C6H3Cl3	000108-70-3	80
2	Benzene, 1,3,5-trichloro-	180 C6H3Cl3	000108-70-3	50
3	Benzene, 1,2,4-trichloro-	180 C6H3Cl3	000120-82-1	42
4	Benzene, 1,3,5-trichloro-	180 C6H3Cl3	000108-70-3	42
5	Benzene, 1,2,3-trichloro-	180 C6H3Cl3	000087-61-6	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

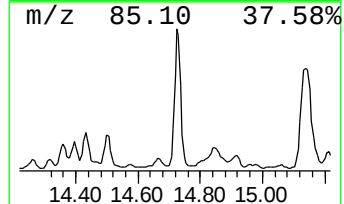
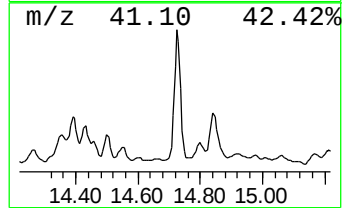
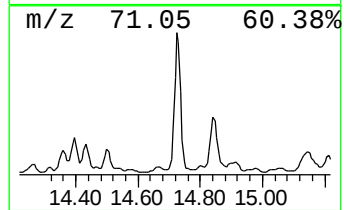
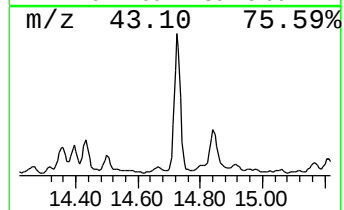
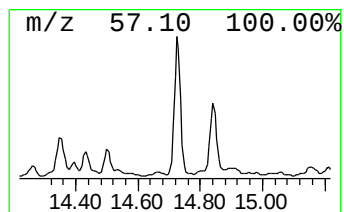
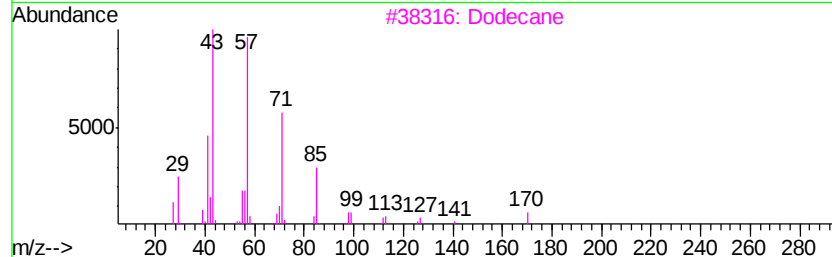
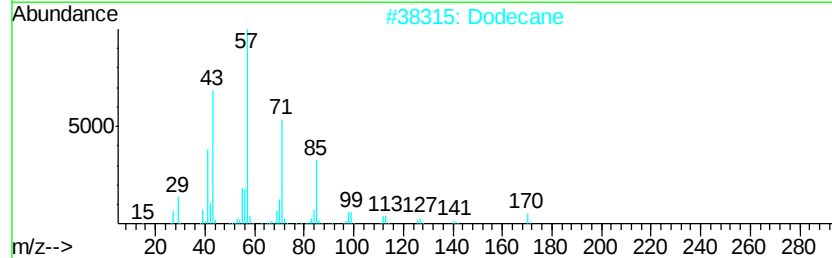
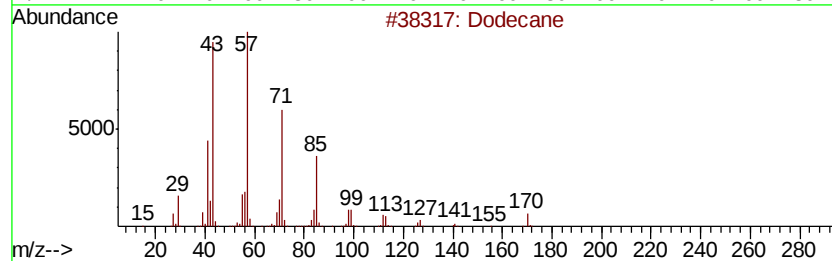
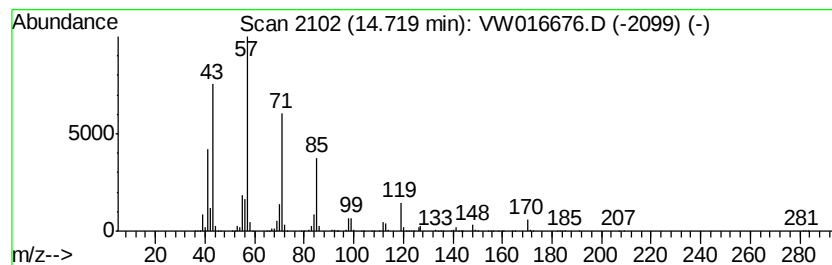
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Quant Title : VOC Analysis

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

Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	12.25 ug/L	12131800	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	96
2		Dodecane	170	C12H26	000112-40-3	96
3		Dodecane	170	C12H26	000112-40-3	92
4		Dodecane	170	C12H26	000112-40-3	89
5		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

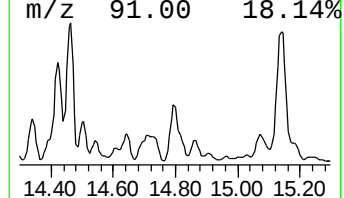
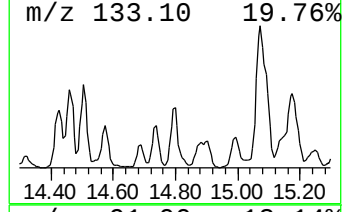
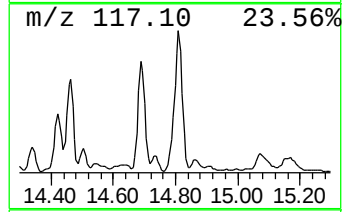
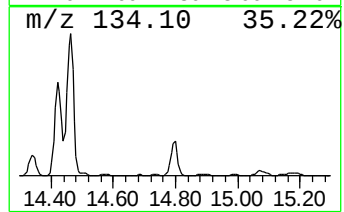
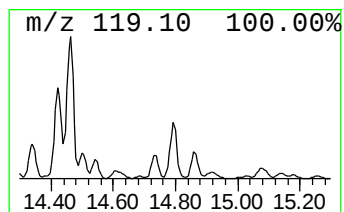
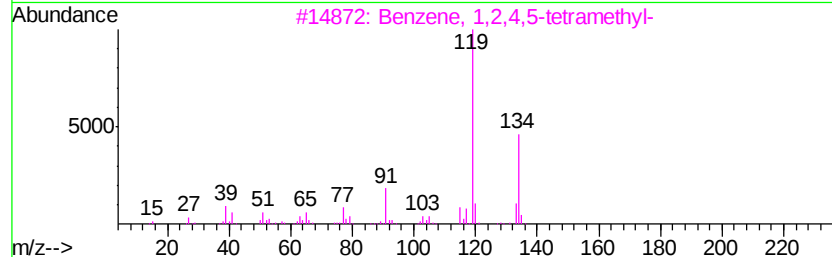
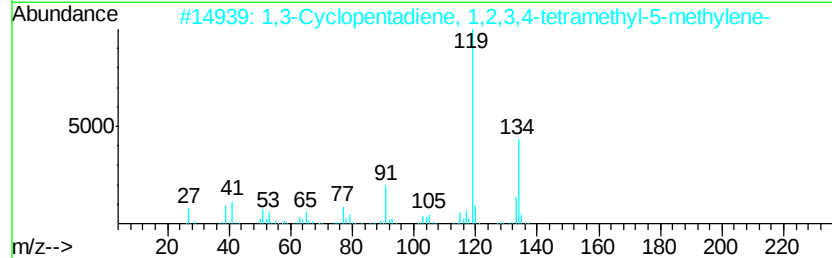
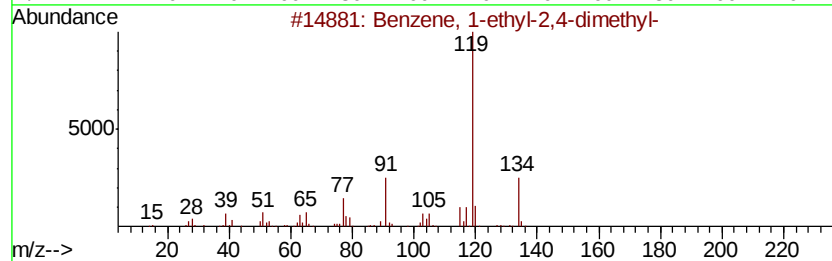
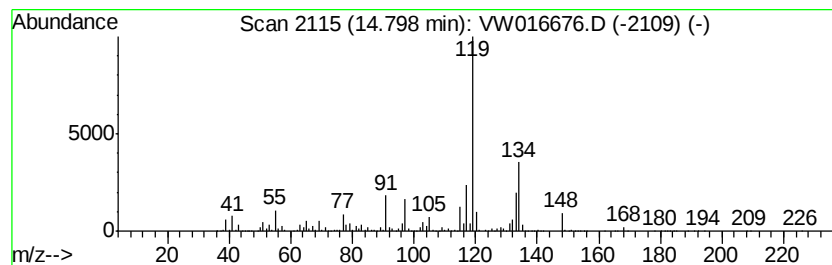
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Quant Title : VOC Analysis

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

Peak Number 66 unknown-04 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	7.95 ug/L	7872230	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
2			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	70
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

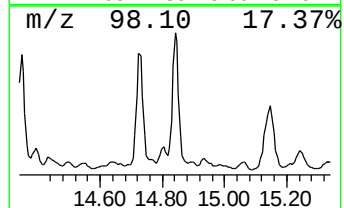
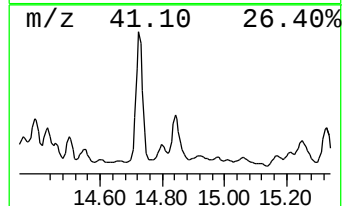
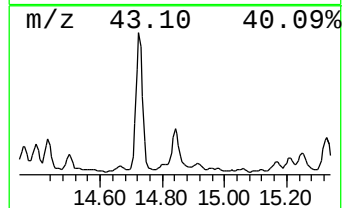
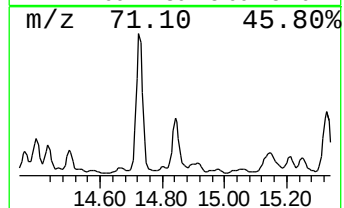
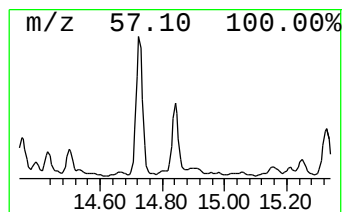
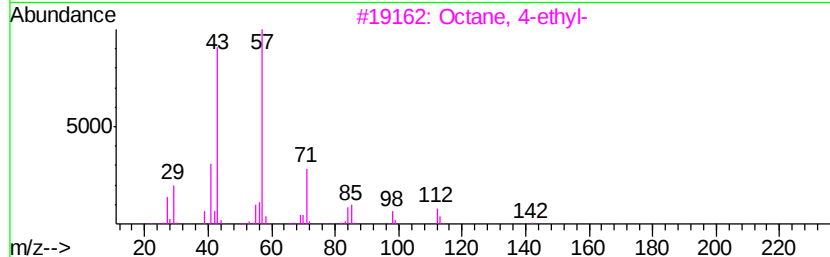
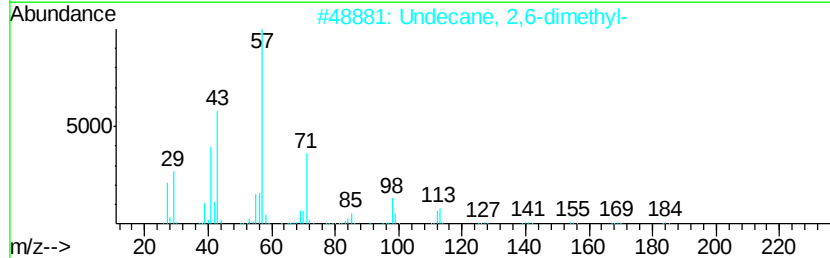
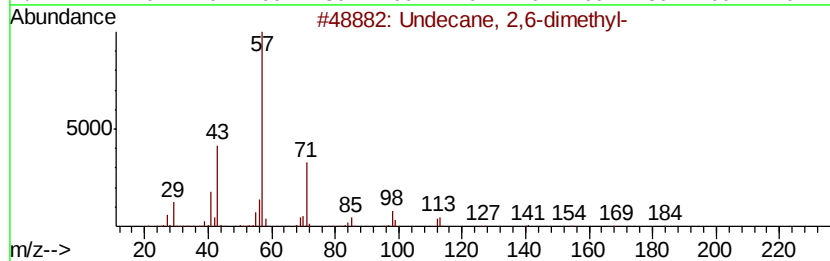
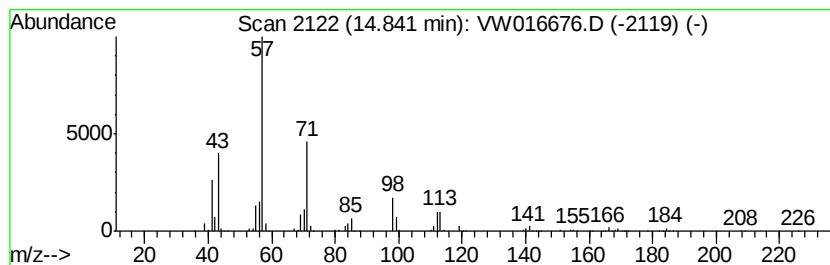
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Quant Title : VOC Analysis

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

Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	6.52 ug/L	6453160	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
3			Octane, 4-ethyl-	142	C10H22	015869-86-0	80
4			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
5			Dodecane, 6-methyl-	184	C13H28	006044-71-9	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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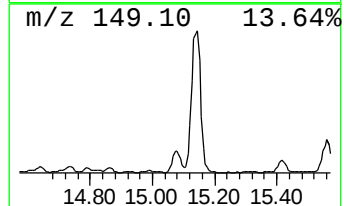
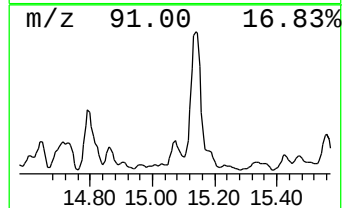
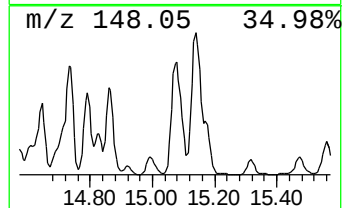
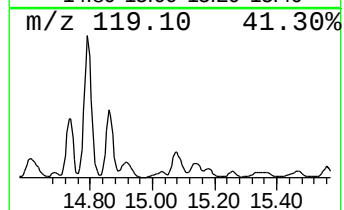
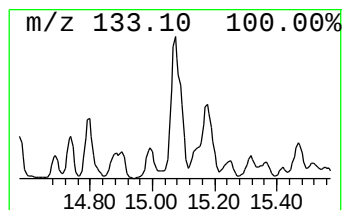
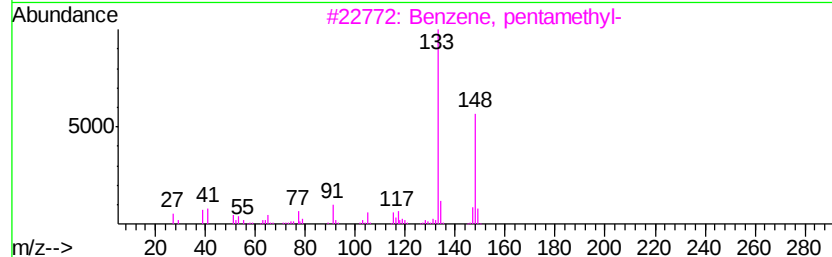
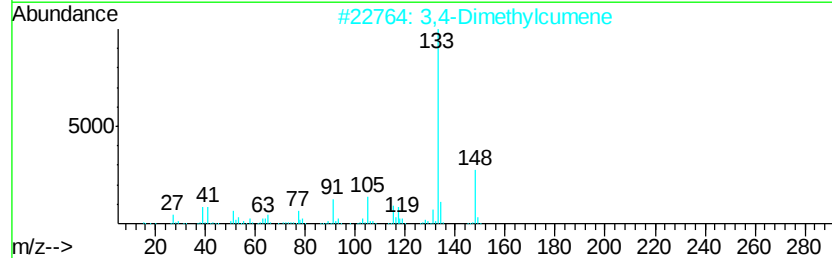
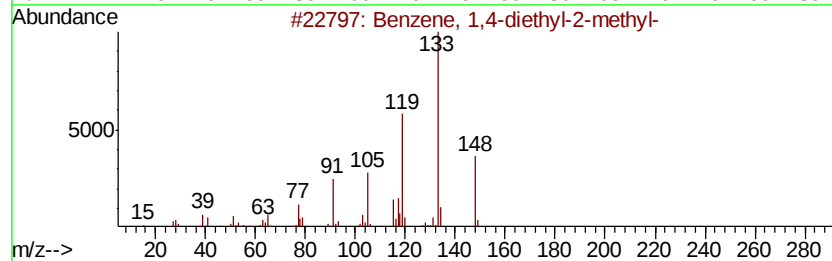
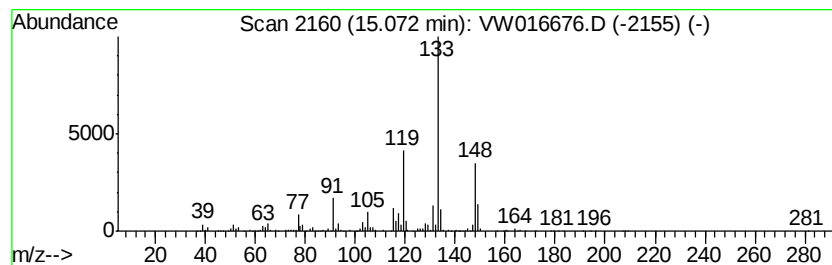
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Quant Title : VOC Analysis

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

Peak Number 68 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	2.84 ug/L	2810870	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	87
2		3,4-Dimethylcumene	148	C11H16	1000370-34-1	70
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	70
4		Benzene, pentamethyl-	148	C11H16	000700-12-9	70
5		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

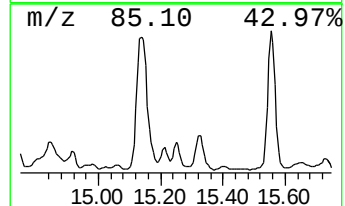
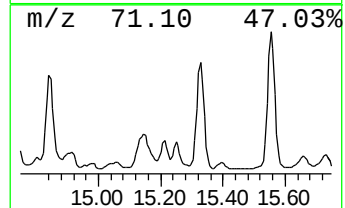
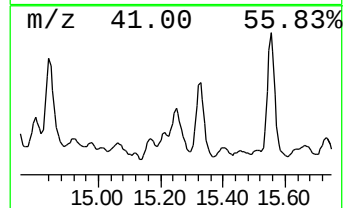
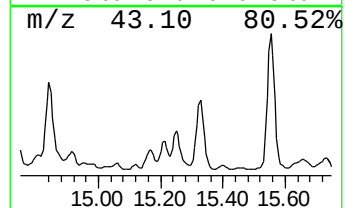
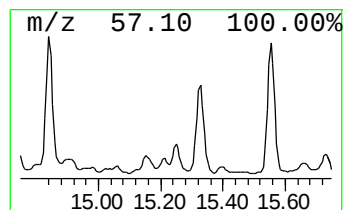
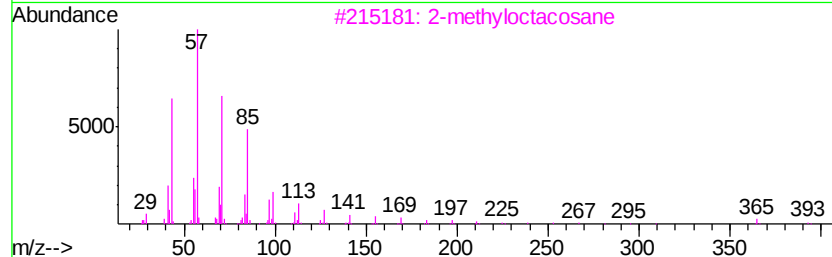
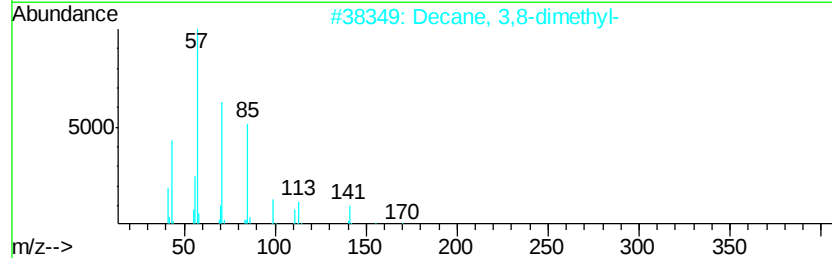
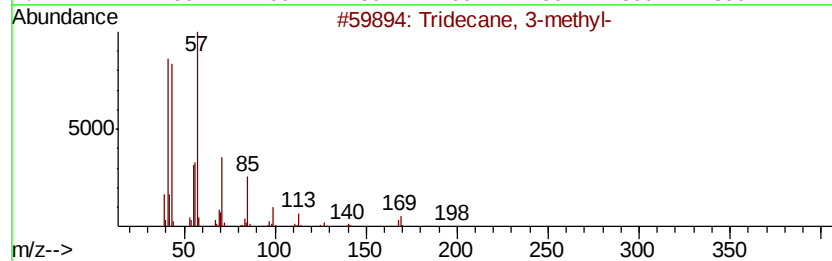
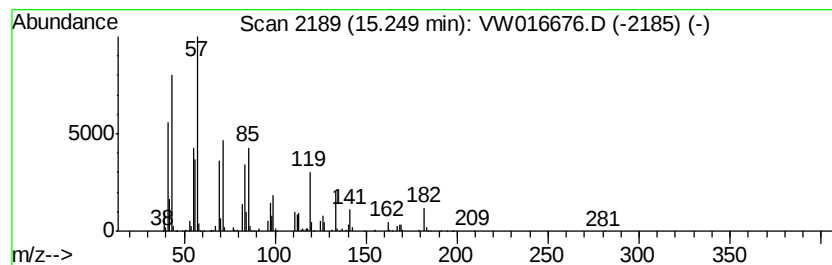
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Quant Title : VOC Analysis

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

Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	3.38 ug/L	3347300	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	60
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	60
3		2-methyloctacosane	408	C29H60	1000376-72-8	50
4		Heptadecane	240	C17H36	000629-78-7	47
5		Undecane, 3-methyl-	170	C12H26	001002-43-3	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

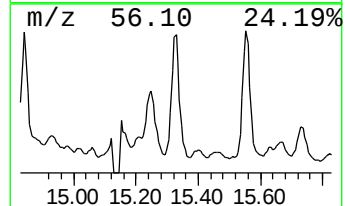
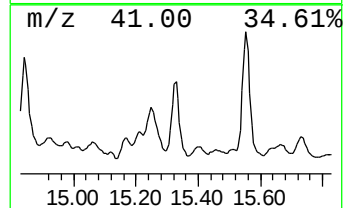
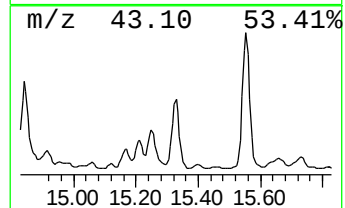
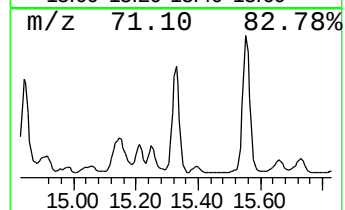
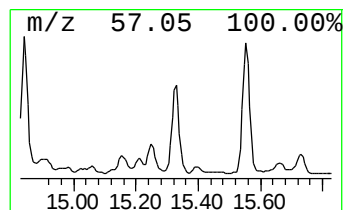
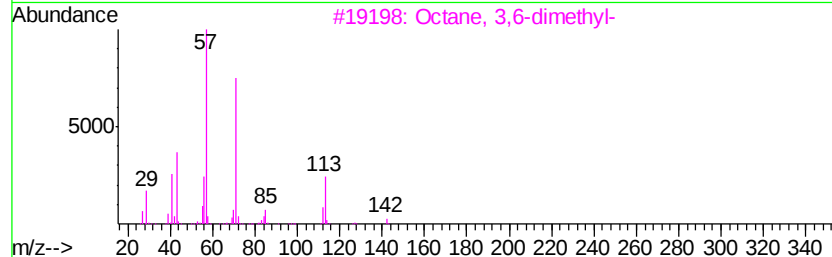
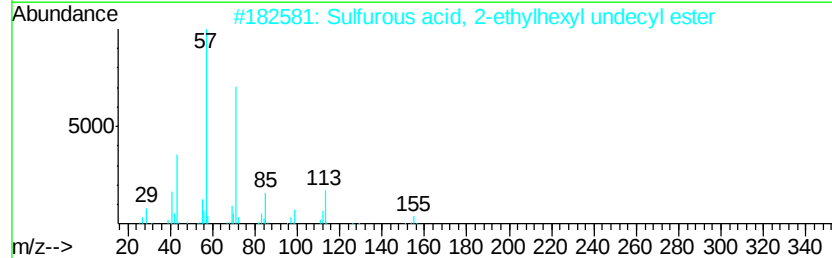
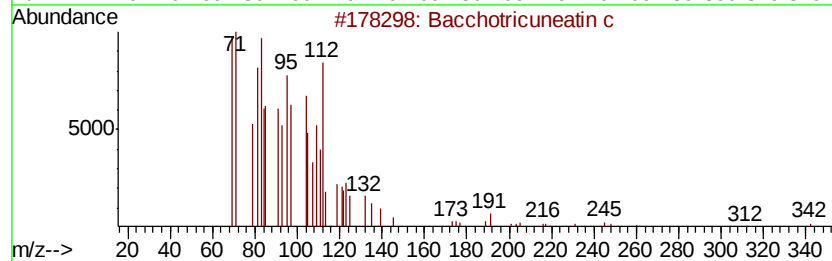
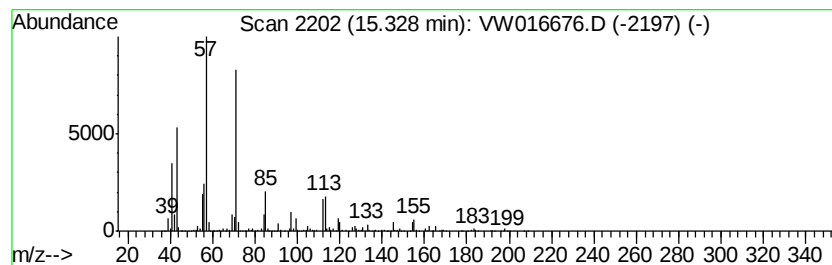
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Quant Title : VOC Analysis

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

Peak Number 70 Bacchotricuneatin c Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	4.32 ug/L	4279650	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	83
2		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
4		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	53
5		Tridecane, 7-methyl-	198	C14H30	026730-14-3	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

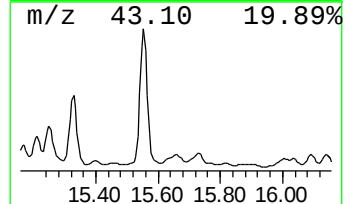
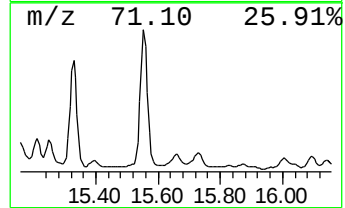
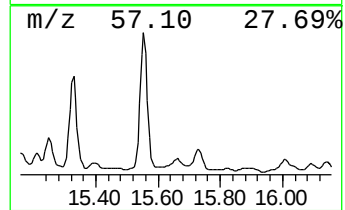
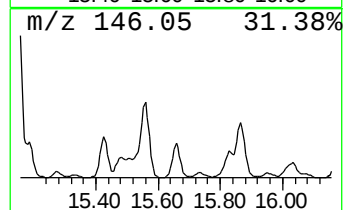
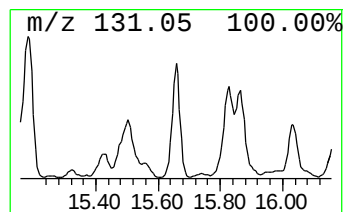
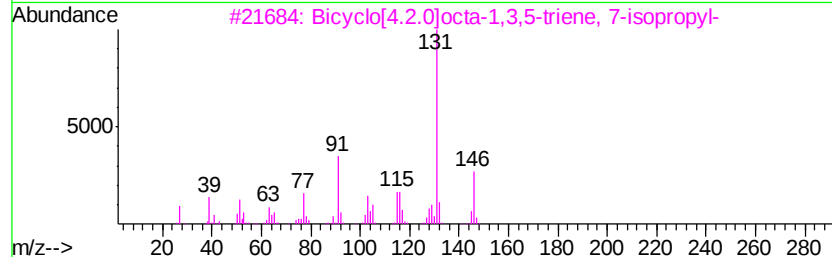
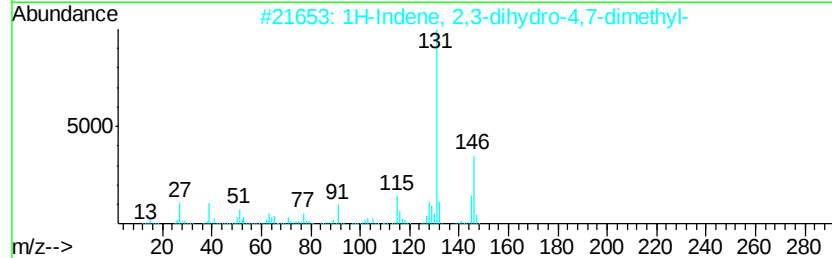
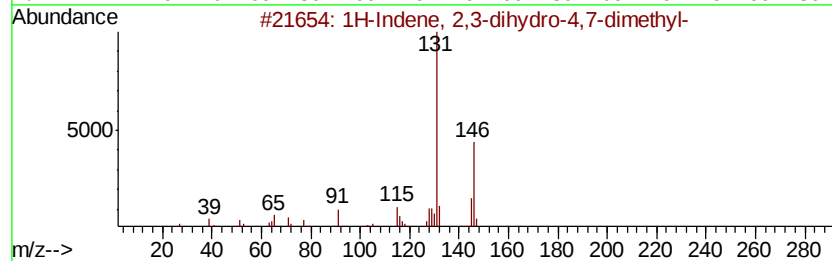
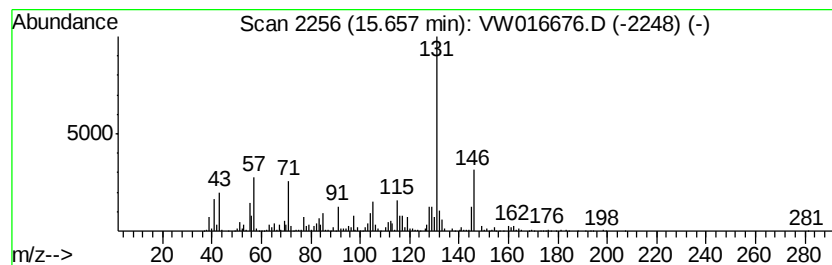
Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 71 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	2.83 ug/L	2801730	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146 C11H14	006682-71-9	83
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146 C11H14	006682-71-9	83
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	146 C11H14	027087-54-3	70
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146 C11H14	006682-71-9	64
5	Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001559-81-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

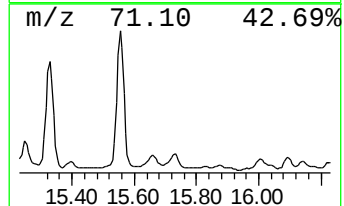
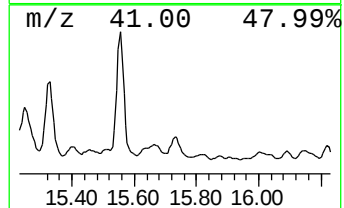
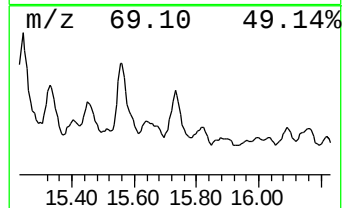
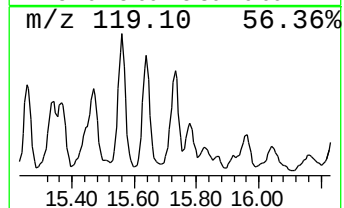
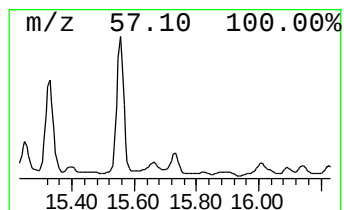
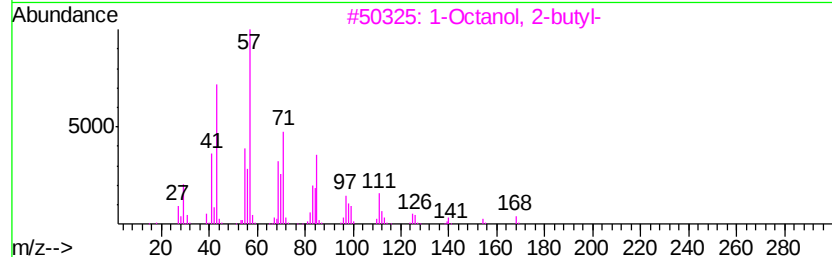
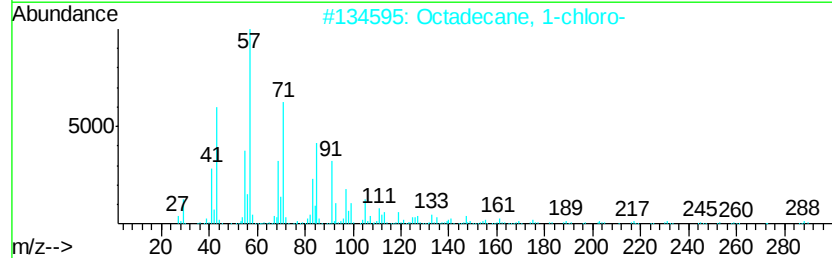
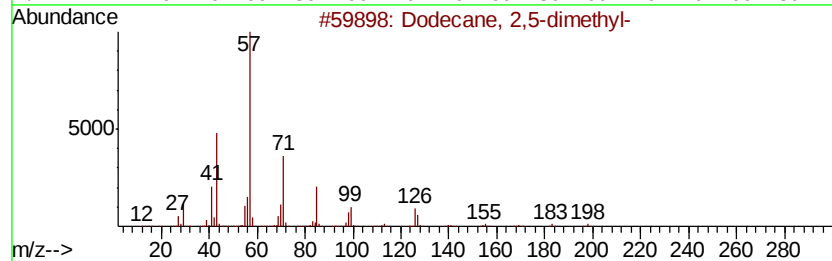
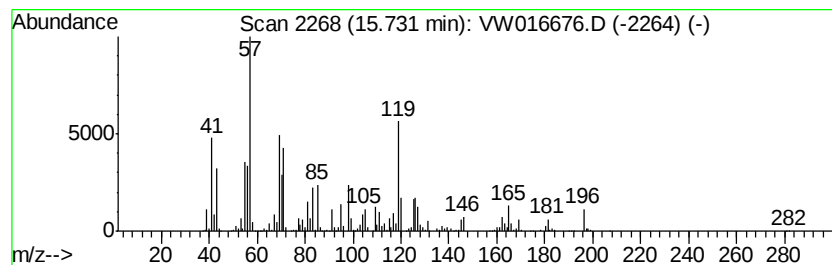
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Quant Title : VOC Analysis

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

Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	1.57 ug/L	1557080	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	38
2			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	27
3			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	22
4			Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	22
5			Tridecane	184	C13H28	000629-50-5	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

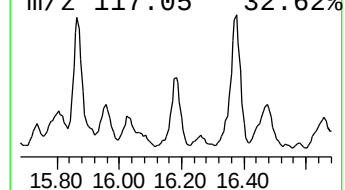
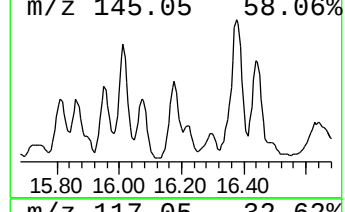
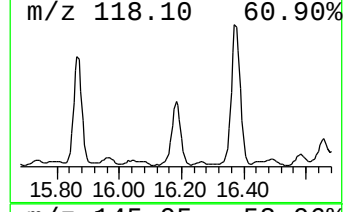
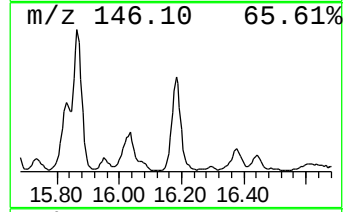
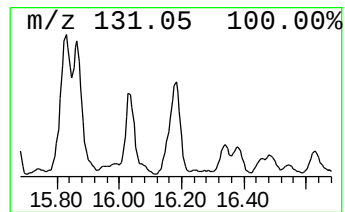
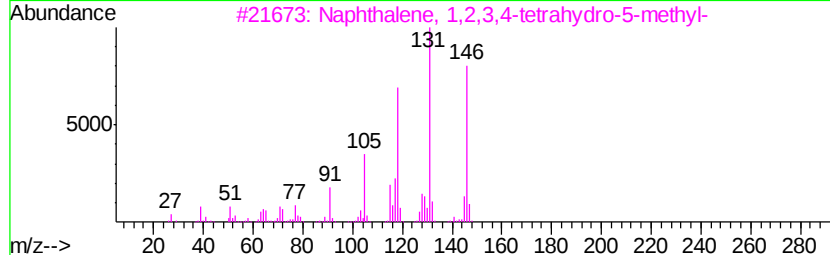
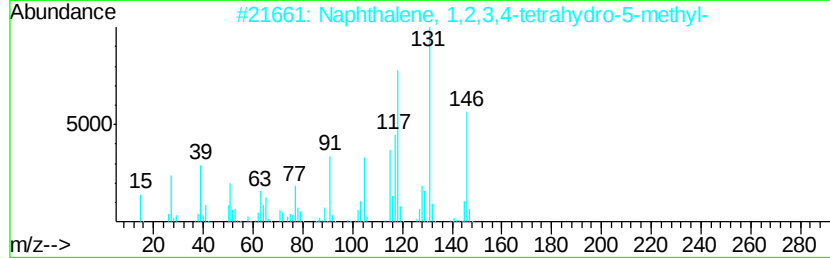
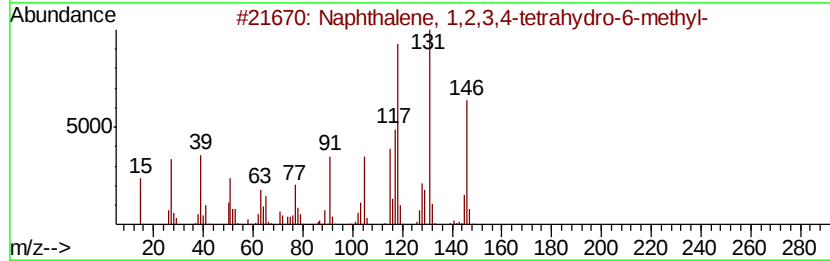
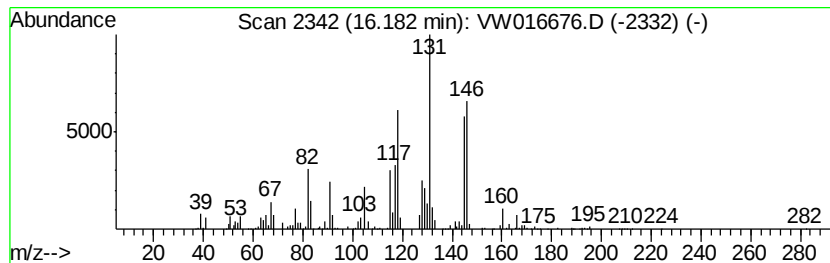
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Quant Title : VOC Analysis

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

Peak Number 73 Naphthalene, 1,2,3,4-tetra... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	1.79 ug/L	1776590	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	86
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	70
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	62
5			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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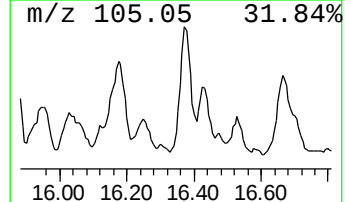
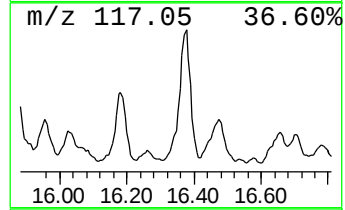
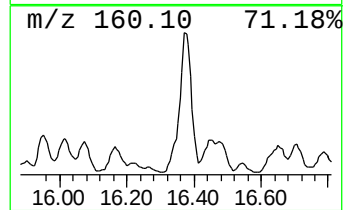
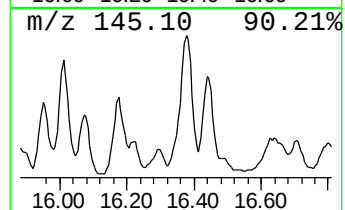
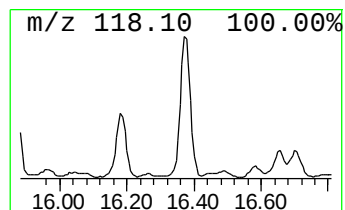
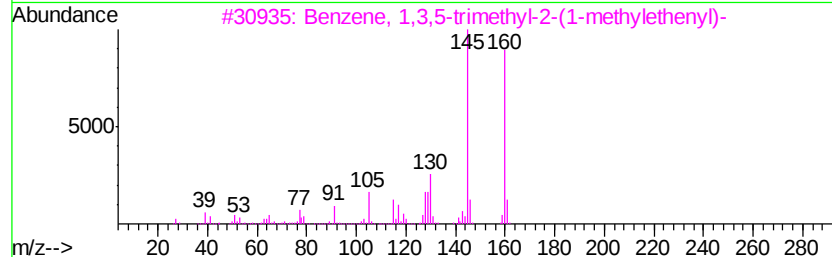
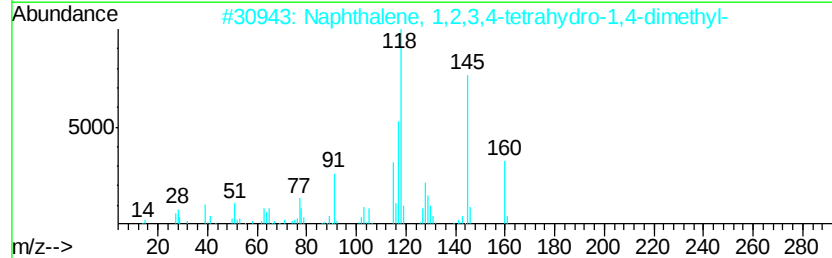
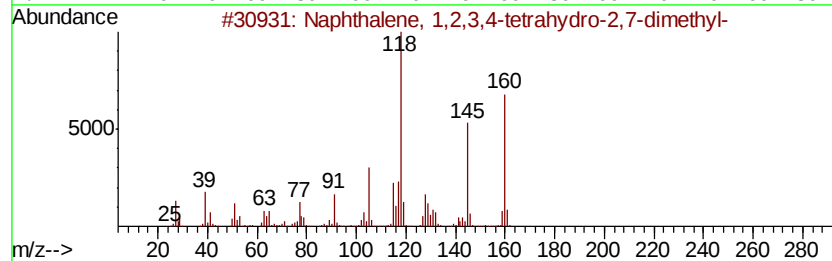
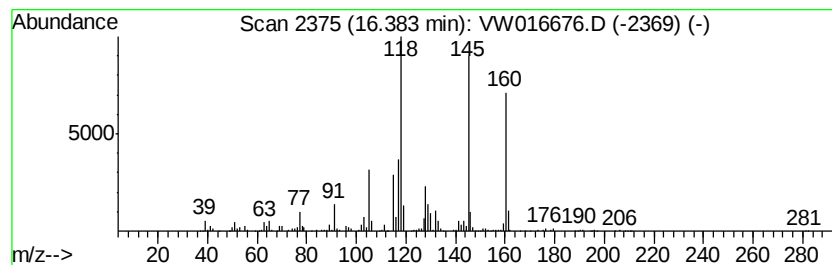
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Quant Title : VOC Analysis

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

Peak Number 74 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	1.32 ug/L	1307870	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro...	160	C12H16	013065-07-1	90
2		Naphthalene, 1,2,3,4-tetrahydro...	160	C12H16	004175-54-6	81
3		Benzene, 1,3,5-trimethyl-2-(1-methyl-...	160	C12H16	014679-13-1	78
4		Naphthalene, 1,2,3,4-tetrahydro...	160	C12H16	007524-63-2	64
5		2,4-Dimethylphenylacetone nitrile	145	C10H11N	068429-53-8	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

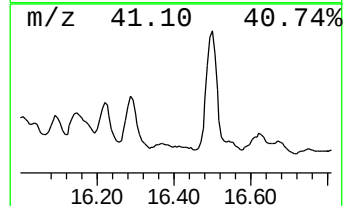
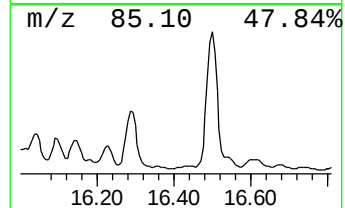
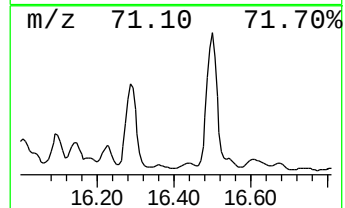
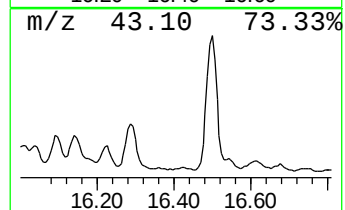
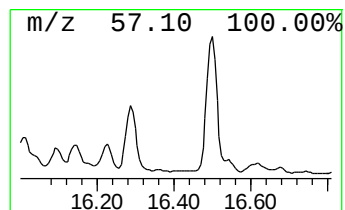
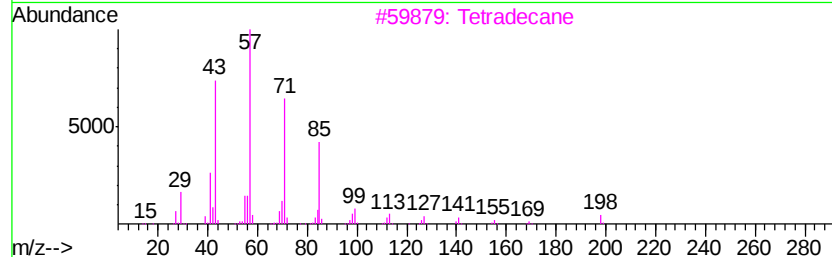
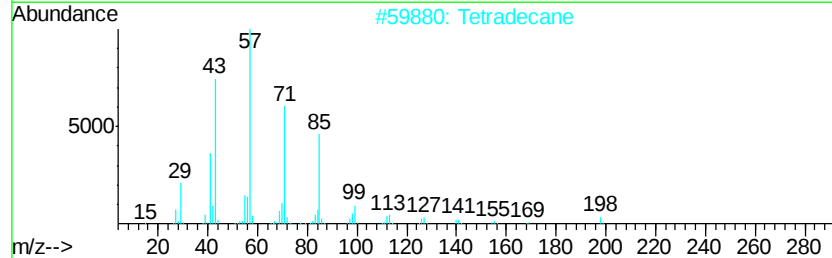
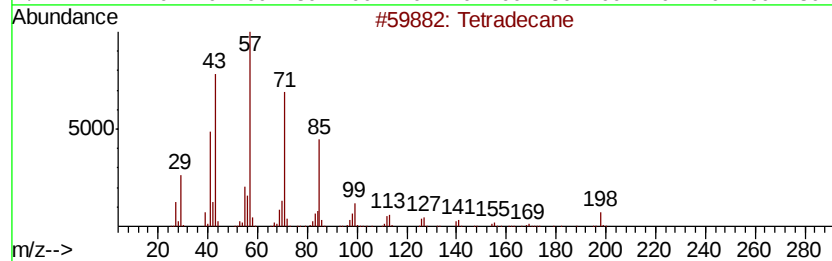
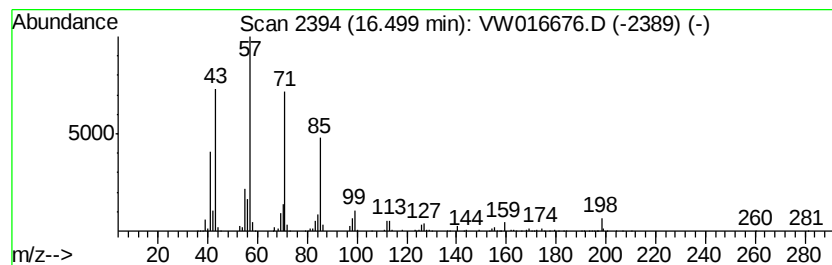
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Quant Title : VOC Analysis

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

Peak Number 75 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	2.35 ug/L	2327960	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	98
2			Tetradecane	198	C14H30	000629-59-4	98
3			Tetradecane	198	C14H30	000629-59-4	97
4			Tetradecane	198	C14H30	000629-59-4	95
5			Tridecane	184	C13H28	000629-50-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092820\
Data File : VW016676.D
Acq On : 28 Sep 2020 18:29
Operator : SY/VA
Sample : L4109-19
Misc : 6.32G/10ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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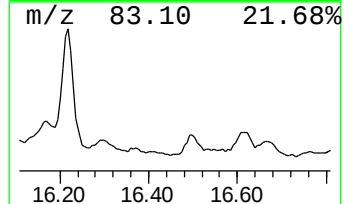
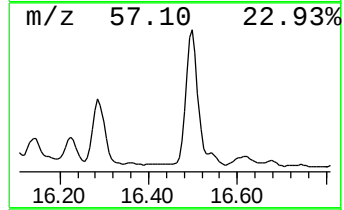
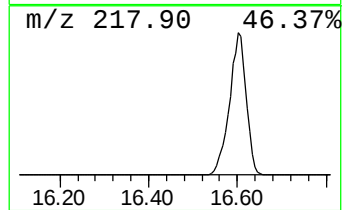
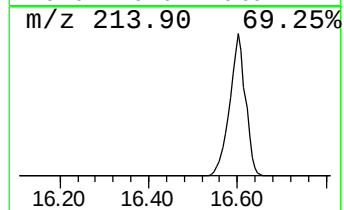
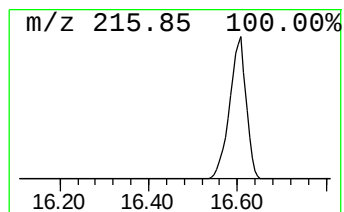
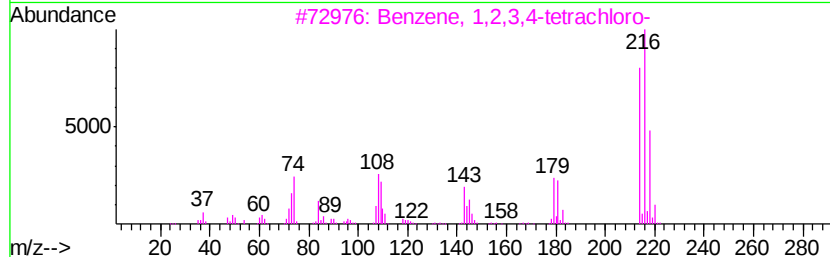
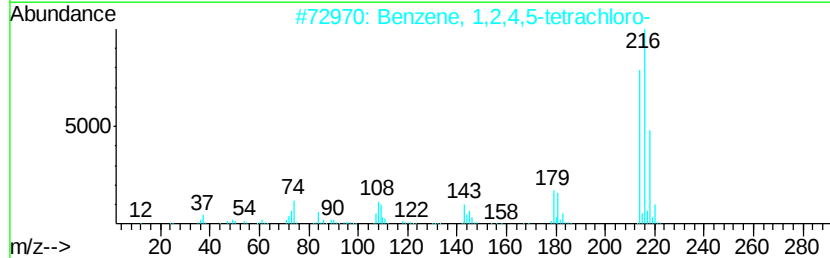
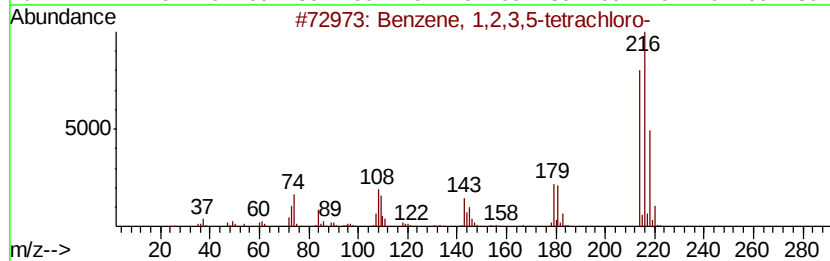
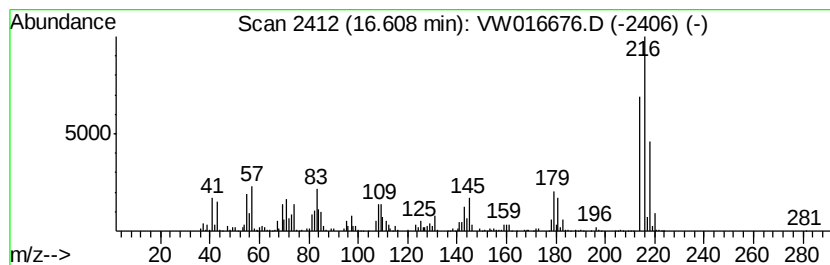
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 76 Benzene, 1,2,4,5-tetrachloro- Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	3.39 ug/L	3357960	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	98
2		Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	98
3		Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	98
4		Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	98
5		Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	98



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092820\
 Data File : VW016676.D
 Acq On : 28 Sep 2020 18:29
 Operator : SY/VA
 Sample : L4109-19
 Misc : 6.32G/10ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Z0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis

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

TIC Top Hit name					--Internal Standard--				
					#	RT	Resp	Conc	
(DEL) Alkane: Str...	4.95	1294.7	ug/L	94287000	1	8.84	1820590	25.0	
(DEL) Alkane: Str...	5.43	852.6	ug/L	62089100	1	8.84	1820590	25.0	
(DEL) Alkane: Str...	5.94	996.1	ug/L	72542700	1	8.84	1820590	25.0	
(DEL) Alkane: Str...	6.28	24.1	ug/L	1753480	1	8.84	1820590	25.0	
(DEL) Alkane: Str...	6.34	18.3	ug/L	1333800	1	8.84	1820590	25.0	
(DEL) Alkane: Str...	6.48	19.2	ug/L	1399180	1	8.84	1820590	25.0	
(DEL) Alkane: Str...	6.75	1822.3	ug/L	132705000	1	8.84	1820590	25.0	
(DEL) Alkane: Str...	6.91	1291.7	ug/L	94069400	1	8.84	1820590	25.0	
(DEL) Alkane: Cyc...	7.01	885.8	ug/L	64506300	1	8.84	1820590	25.0	
(DEL) Alkane: Str...	7.18	138.9	ug/L	10117200	1	8.84	1820590	25.0	
(DEL) Alkane: Str...	7.71	63.7	ug/L	4637360	1	8.84	1820590	25.0	
(DEL) Alkane: Str...	8.04	56.0	ug/L	4079270	1	8.84	1820590	25.0	
(DEL) Alkane: Str...	8.16	106.9	ug/L	7787060	1	8.84	1820590	25.0	
(DEL) Alkane: Str...	8.43	26.0	ug/L	1895230	1	8.84	1820590	25.0	
(DEL) Alkane: Str...	8.70	118.2	ug/L	8605710	1	8.84	1820590	25.0	
(DEL) Alkane: Str...	9.08	45.5	ug/L	3312610	1	8.84	1820590	25.0	
(DEL) Alkane: Cyc...	9.62	33.3	ug/L	2426420	1	8.84	1820590	25.0	
(DEL) Alkane: Cyc...	9.76	47.6	ug/L	3467710	1	8.84	1820590	25.0	
(DEL) Alkane: Str...	9.90	48.1	ug/L	3505230	1	8.84	1820590	25.0	
(DEL) Alkane: Str...	9.96	298.8	ug/L	21758500	1	8.84	1820590	25.0	
(DEL) Alkane: Str...	10.10	259.2	ug/L	18874300	1	8.84	1820590	25.0	
(DEL) Alkane: Cyc...	10.22	21.8	ug/L	1589750	1	8.84	1820590	25.0	
(DEL) Alkane: Cyc...	10.25	27.7	ug/L	1853120	2	11.63	1672530	25.0	
(DEL) Alkane: Str...	10.45	23.7	ug/L	1586120	2	11.63	1672530	25.0	
(DEL) Alkane: Str...	10.51	595.7	ug/L	39854500	2	11.63	1672530	25.0	
(DEL) Alkane: Cyc...	10.67	244.5	ug/L	16358700	2	11.63	1672530	25.0	
(DEL) Alkane: Cyc...	10.77	137.5	ug/L	9199580	2	11.63	1672530	25.0	
(DEL) Alkane: Str...	10.85	53.0	ug/L	3548330	2	11.63	1672530	25.0	
(DEL) Alkane: Str...	11.04	76.1	ug/L	5093340	2	11.63	1672530	25.0	
(DEL) Alkane: Cyc...	11.12	33.0	ug/L	2211090	2	11.63	1672530	25.0	
(DEL) Alkane: Cyc...	11.18	153.6	ug/L	10276900	2	11.63	1672530	25.0	
(DEL) Alkane: Cyc...	11.24	116.4	ug/L	7789680	2	11.63	1672530	25.0	
(DEL) Alkane: Str...	11.34	41.2	ug/L	2756720	2	11.63	1672530	25.0	
(DEL) Alkane: Str...	11.41	43.1	ug/L	2884090	2	11.63	1672530	25.0	
(DEL) Alkane: Str...	11.51	29.6	ug/L	1980730	2	11.63	1672530	25.0	
4-Octen-3-one	11.92	16.7	ug/L	1114310	2	11.63	1672530	25.0	
(DEL) Alkane: Str...	12.26	33.6	ug/L	2245680	2	11.63	1672530	25.0	
Pentalene, octahy...	12.34	25.8	ug/L	1725240	2	11.63	1672530	25.0	
(DEL) Alkane: Str...	12.54	25.4	ug/L	1696010	2	11.63	1672530	25.0	
Benzene, propyl-	12.80	3.4	ug/L	3396280	3	13.56	24756300	25.0	
Benzene, 1-ethyl-...	12.87	3.3	ug/L	3269380	3	13.56	24756300	25.0	
(DEL) Alkane: Str...	12.93	15.0	ug/L	14856500	3	13.56	24756300	25.0	
(DEL) Alkane: Str...	12.99	1.5	ug/L	1458550	3	13.56	24756300	25.0	
(DEL) Alkane: Str...	13.08	1.8	ug/L	1793510	3	13.56	24756300	25.0	
(DEL) Alkane: Str...	13.17	4.7	ug/L	4683030	3	13.56	24756300	25.0	
Mesitylene	13.26	3.2	ug/L	3158480	3	13.56	24756300	25.0	
(DEL) Alkane: Str...	13.35	1.6	ug/L	1613140	3	13.56	24756300	25.0	
Benzene, 1-methyl...	13.44	4.9	ug/L	4895270	3	13.56	24756300	25.0	
Benzene, 1,3-diet...	13.72	4.5	ug/L	4476080	3	13.56	24756300	25.0	

Benzene, 1-methyl...	13.75	4.4 ug/L	4313190	3	13.56	24756300	25.0
o-Cymene	13.79	9.6 ug/L	9544470	3	13.56	24756300	25.0
Benzene, 1-methyl...	13.95	2.9 ug/L	2864230	3	13.56	24756300	25.0
Benzene, 2-ethyl-...	14.02	6.0 ug/L	5955420	3	13.56	24756300	25.0
Benzene, 1-ethyl-...	14.04	7.7 ug/L	7573410	3	13.56	24756300	25.0
Benzene, 4-ethyl-...	14.10	11.3 ug/L	11210300	3	13.56	24756300	25.0
1,4-Cyclohexadien...	14.20	4.7 ug/L	4603760	3	13.56	24756300	25.0
unknown-01	14.27	2.7 ug/L	2664040	3	13.56	24756300	25.0
Benzene, 2-ethyl-...	14.35	6.4 ug/L	6346210	3	13.56	24756300	25.0
(DEL) Alkane: Cyc...	14.39	5.3 ug/L	5237930	3	13.56	24756300	25.0
Benzene, 1,2,3,4-...	14.43	11.1 ug/L	10947100	3	13.56	24756300	25.0
Benzene, 1,2,3,5-...	14.46	10.7 ug/L	10610900	3	13.56	24756300	25.0
unknown-02	14.50	3.4 ug/L	3389440	3	13.56	24756300	25.0
unknown-03	14.55	2.6 ug/L	2591740	3	13.56	24756300	25.0
Benzene, 1,3,5-tr...	14.64	2.6 ug/L	2535760	3	13.56	24756300	25.0
(DEL) Alkane: Str...	14.72	12.3 ug/L	12131800	3	13.56	24756300	25.0
unknown-04	14.80	8.0 ug/L	7872230	3	13.56	24756300	25.0
(DEL) Alkane: Str...	14.84	6.5 ug/L	6453160	3	13.56	24756300	25.0
Benzene, 1,4-diet...	15.07	2.8 ug/L	2810870	3	13.56	24756300	25.0
(DEL) Alkane: Str...	15.25	3.4 ug/L	3347300	3	13.56	24756300	25.0
Bacchotricuneatin c	15.33	4.3 ug/L	4279650	3	13.56	24756300	25.0
1H-Indene, 2,3-di...	15.66	2.8 ug/L	2801730	3	13.56	24756300	25.0
(DEL) Alkane: Str...	15.73	1.6 ug/L	1557080	3	13.56	24756300	25.0
Naphthalene, 1,2,...	16.18	1.8 ug/L	1776590	3	13.56	24756300	25.0
Naphthalene, 1,2,...	16.38	1.3 ug/L	1307870	3	13.56	24756300	25.0
(DEL) Alkane: Str...	16.50	2.4 ug/L	2327960	3	13.56	24756300	25.0
Benzene, 1,2,4,5-...	16.61	3.4 ug/L	3357960	3	13.56	24756300	25.0

Instrument :
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