

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092520\
 Data File : VW016645.D
 Acq On : 24 Sep 2020 16:49
 Operator : SY/VA
 Sample : L4109-11
 Misc : 5.96G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3X1

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	4.056	336	353	387	rBV4	347370	1590386	1.33%	0.109%
2	4.976	479	504	548	rBV	3084783	12641461	10.55%	0.863%
3	5.452	565	582	619	rBV	6155770	23420731	19.54%	1.598%
4	5.952	649	664	683	rBV	18974600	59142246	49.34%	4.036%
5	6.732	780	792	808	rBV2	684671	2475456	2.07%	0.169%
6	6.891	808	818	824	rVV	332083	1107271	0.92%	0.076%
7	6.994	824	835	854	rVV	9244330	28664278	23.92%	1.956%
8	7.177	854	865	890	rVB	944812	2688062	2.24%	0.183%
9	7.653	933	943	947	rBV	240158	603356	0.50%	0.041%
10	7.702	947	951	968	rVV	266146	658572	0.55%	0.045%
11	7.878	968	980	988	rVV	4013009	10523843	8.78%	0.718%
12	7.964	988	994	1019	rVV	1270713	3483960	2.91%	0.238%
13	8.281	1034	1046	1063	rVV2	441841	1320038	1.10%	0.090%
14	8.848	1130	1139	1152	rBV	505519	1012283	0.84%	0.069%
15	9.079	1167	1177	1187	rBV	239198	575226	0.48%	0.039%
16	9.281	1199	1210	1214	rBV	292747	666919	0.56%	0.046%
17	9.335	1214	1219	1225	rVB3	292042	662726	0.55%	0.045%
18	9.762	1281	1289	1300	rVB2	316138	715207	0.60%	0.049%
19	9.902	1300	1312	1316	rBV	471792	974585	0.81%	0.067%
20	9.963	1316	1322	1332	rVB2	1844481	3739284	3.12%	0.255%
21	10.104	1338	1345	1358	rVB	1445389	3171617	2.65%	0.216%
22	10.256	1358	1370	1375	rBV3	397264	1018688	0.85%	0.070%
23	10.329	1375	1382	1386	rBV	3344461	6747651	5.63%	0.460%
24	10.390	1386	1392	1401	rVB2	40151560	96733548	80.71%	6.601%
25	10.512	1405	1412	1419	rVB2	4961564	8787947	7.33%	0.600%
26	10.671	1432	1438	1447	rVB	1657111	3147805	2.63%	0.215%
27	10.768	1447	1454	1463	rBV3	943874	2216788	1.85%	0.151%
28	10.853	1463	1468	1474	rVB2	351664	633172	0.53%	0.043%
29	10.939	1474	1482	1488	rBV2	676443	1238145	1.03%	0.084%
30	11.042	1488	1499	1506	rBV	435542	967762	0.81%	0.066%
31	11.110	1506	1510	1514	rBV2	314926	535275	0.45%	0.037%
32	11.183	1514	1522	1526	rBV	1773419	3092363	2.58%	0.211%
33	11.231	1526	1530	1536	rVB	782988	1377530	1.15%	0.094%
34	11.341	1543	1548	1552	rBV2	492651	790228	0.66%	0.054%

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

35	11.414	1552	1560	1571	rVB3	1460509	3662517	3.06%	0.250%
36	11.518	1571	1577	1588	rVB	1158683	1936971	1.62%	0.132%
37	11.634	1588	1596	1604	rBV3	455547	1218082	1.02%	0.083%
38	11.737	1604	1613	1622	rBV	22667745	40363568	33.68%	2.754%
39	11.835	1622	1629	1631	rBV3	45855264	72128501	60.18%	4.922%
40	11.920	1641	1643	1649	rVB	586571	847280	0.71%	0.058%
41	12.067	1660	1667	1672	rVB4	818221	1578639	1.32%	0.108%
42	12.170	1672	1684	1692	rBV	35135657	65941851	55.02%	4.500%
43	12.256	1693	1698	1703	rVB	2251462	3626919	3.03%	0.248%
44	12.341	1703	1712	1714	rBV4	1536509	3914205	3.27%	0.267%
45	12.372	1714	1717	1718	rBV2	586534	627334	0.52%	0.043%
46	12.469	1727	1733	1738	rBV	15126624	25842699	21.56%	1.763%
47	12.548	1743	1746	1748	rBV	1394849	1692694	1.41%	0.116%
48	12.579	1748	1751	1756	rVB	4036935	6098928	5.09%	0.416%
49	12.664	1760	1765	1769	rVB	3209324	4502630	3.76%	0.307%
50	12.713	1769	1773	1777	rVB4	535244	858206	0.72%	0.059%
51	12.810	1781	1789	1794	rBV2	35436503	66085081	55.14%	4.510%
52	12.865	1794	1798	1799	rBV2	44615097	45145671	37.67%	3.081%
53	12.945	1809	1811	1813	rBV3	12910748	16408449	13.69%	1.120%
54	13.006	1819	1821	1822	rBV2	637662	555341	0.46%	0.038%
55	13.048	1822	1828	1833	rBV	33283809	56060095	46.77%	3.826%
56	13.115	1833	1839	1845	rBV2	44711367	87400234	72.92%	5.964%
57	13.170	1845	1848	1853	rVB	5711157	8055846	6.72%	0.550%
58	13.268	1854	1864	1866	rBV3	50040342	119857787	100.00%	8.179%
59	13.384	1873	1883	1887	rBV4	3337601	10113062	8.44%	0.690%
60	13.451	1888	1894	1898	rBV2	9000453	15558411	12.98%	1.062%
61	13.493	1898	1901	1904	rBV2	4906524	7380667	6.16%	0.504%
62	13.560	1909	1912	1913	rBV	4626755	5441982	4.54%	0.371%
63	13.591	1913	1917	1923	rVB2	39273703	67397357	56.23%	4.599%
64	13.725	1932	1939	1940	rBV	6015711	9089596	7.58%	0.620%
65	13.762	1940	1945	1948	rVV3	23582920	46344675	38.67%	3.163%
66	13.792	1948	1950	1959	rVB3	17566754	31934473	26.64%	2.179%
67	13.877	1959	1964	1969	rBV	35469322	54202927	45.22%	3.699%
68	13.951	1969	1976	1980	rVV2	5311704	9724539	8.11%	0.664%
69	14.018	1982	1987	1989	rVV	10695829	18607478	15.52%	1.270%
70	14.042	1989	1991	1996	rVV	11714375	16367391	13.66%	1.117%
71	14.103	1996	2001	2005	rVV	16328672	24879552	20.76%	1.698%

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 Title : VOC Analysis

72	14.207	2012	2018	2023	rVB2	8092837	13689380	11.42%	0.934%
73	14.261	2023	2027	2034	rVB6	2968089	6219156	5.19%	0.424%
74	14.341	2034	2040	2045	rBV3	7977650	16320158	13.62%	1.114%
75	14.396	2045	2049	2050	rVV3	6322635	8587264	7.16%	0.586%
76	14.426	2050	2054	2057	rVV2	12549329	21769789	18.16%	1.486%
77	14.463	2057	2060	2064	rVV	13043170	17111147	14.28%	1.168%
78	14.499	2064	2066	2070	rVB	4498464	5167241	4.31%	0.353%
79	14.548	2070	2074	2080	rVB4	2932556	5648135	4.71%	0.385%
80	14.603	2081	2083	2086	rVB2	544728	545110	0.45%	0.037%
81	14.645	2086	2090	2093	rVB	1299353	1700598	1.42%	0.116%
82	14.694	2093	2098	2099	rBV2	3728339	5204872	4.34%	0.355%
83	14.725	2099	2103	2109	rVB2	17661141	26776796	22.34%	1.827%
84	14.798	2109	2115	2120	rBV2	11225240	26127622	21.80%	1.783%
85	14.963	2138	2142	2147	rVB3	1324729	2080936	1.74%	0.142%
86	15.066	2155	2159	2167	rBV3	2367532	4770256	3.98%	0.326%
87	15.170	2173	2176	2185	rVB5	1680529	3283770	2.74%	0.224%
88	15.249	2185	2189	2197	rVB6	2062977	4895484	4.08%	0.334%
89	15.328	2197	2202	2204	rBV2	3616402	5787185	4.83%	0.395%
90	15.371	2204	2209	2215	rVB	9890577	17634594	14.71%	1.203%
91	15.554	2234	2239	2248	rVB	7366701	12636851	10.54%	0.862%
92	15.664	2248	2257	2263	rBV6	1015564	3117684	2.60%	0.213%
93	15.731	2264	2268	2275	rVB6	884108	1678872	1.40%	0.115%
94	15.865	2287	2290	2296	rVB2	737187	1151479	0.96%	0.079%
95	16.145	2332	2336	2337	rBV2	464070	640774	0.53%	0.044%
96	16.285	2355	2359	2367	rVB	860695	1601334	1.34%	0.109%
97	16.371	2368	2373	2378	rVV2	432614	951102	0.79%	0.065%
98	16.444	2379	2385	2389	rVV	2266812	4686777	3.91%	0.320%
99	16.493	2389	2393	2400	rVB	1693653	3128491	2.61%	0.213%
100	16.645	2411	2418	2431	rVB	1387709	3932374	3.28%	0.268%

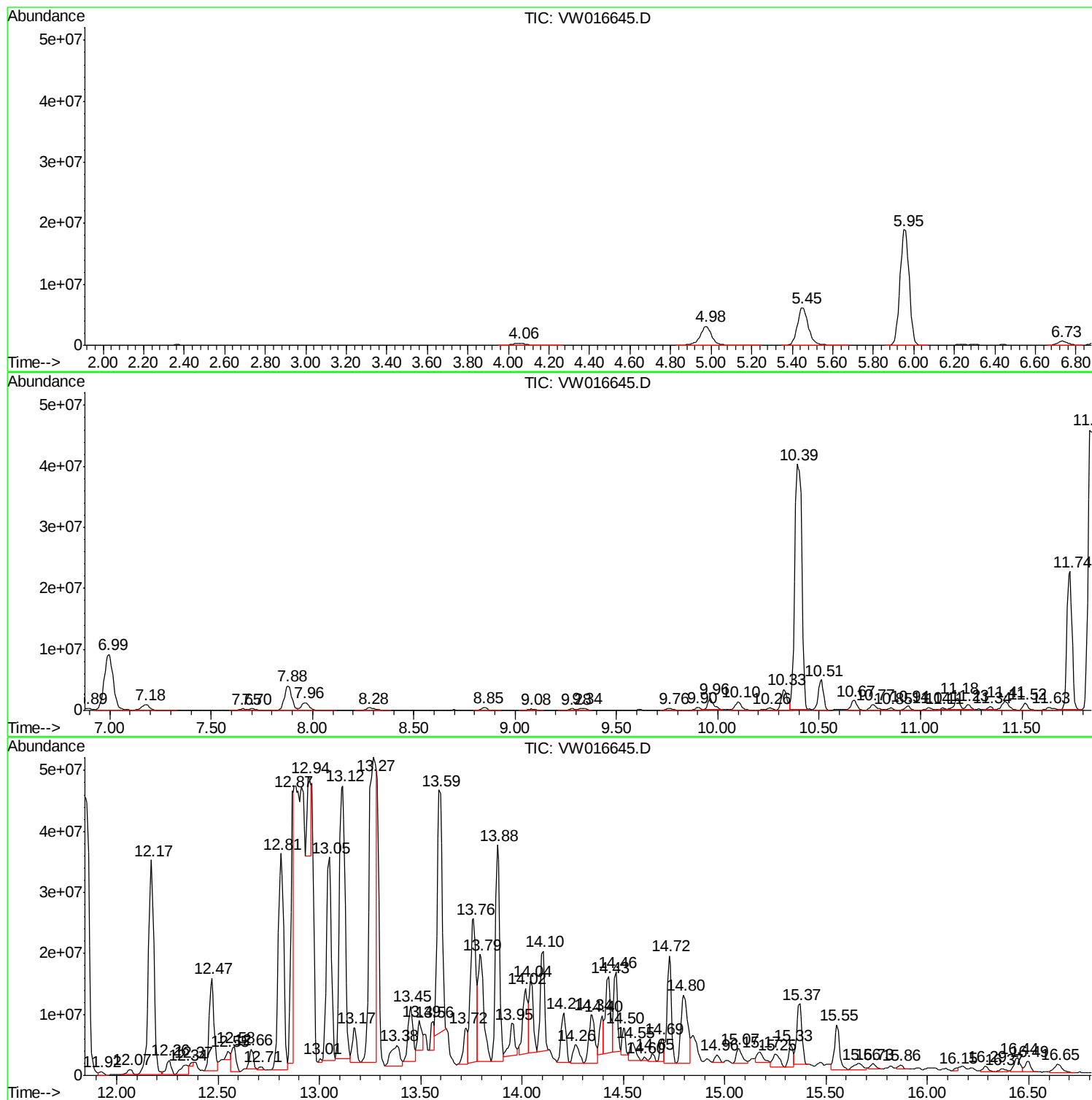
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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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



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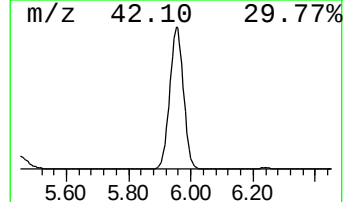
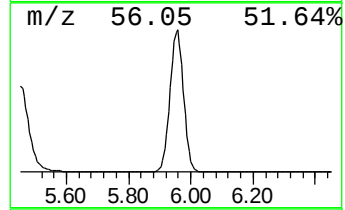
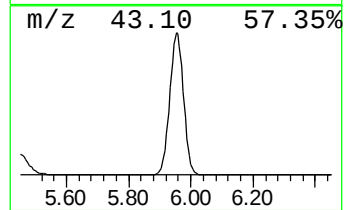
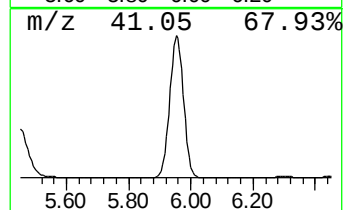
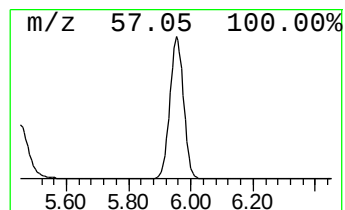
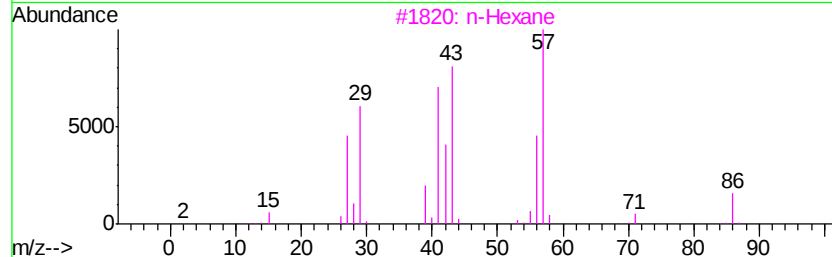
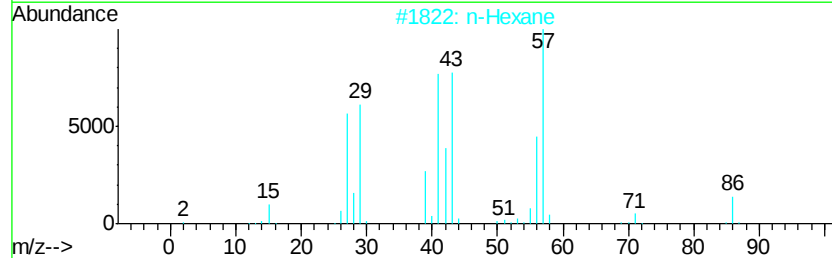
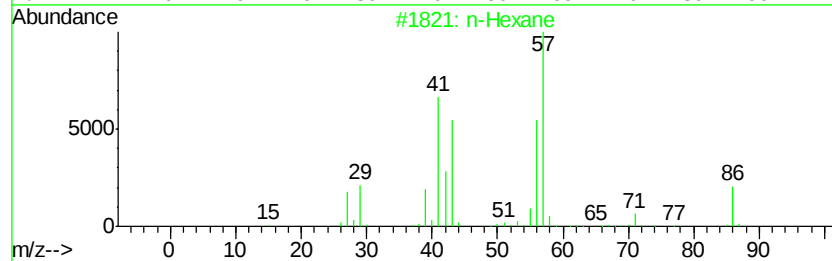
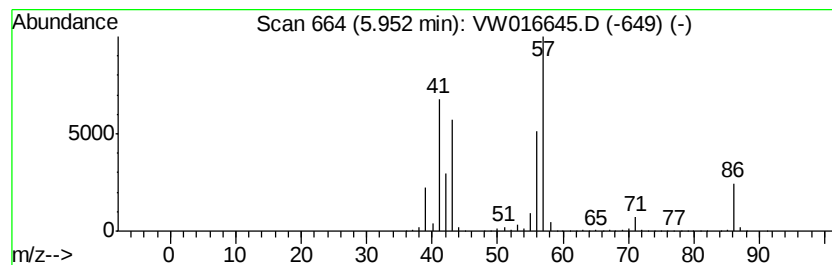
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	1460.62 ug/L	59142200	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	94
2		n-Hexane	86	C6H14	000110-54-3	72
3		n-Hexane	86	C6H14	000110-54-3	64
4		Pentane, 3-methyl-	86	C6H14	000096-14-0	40
5		Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	38



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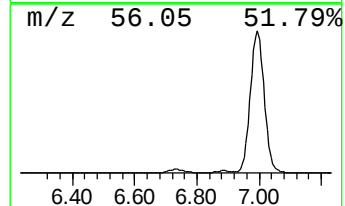
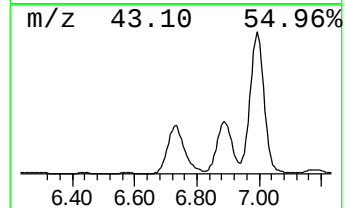
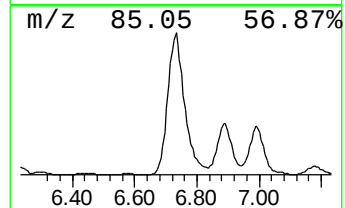
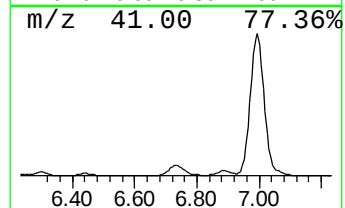
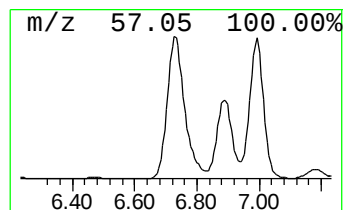
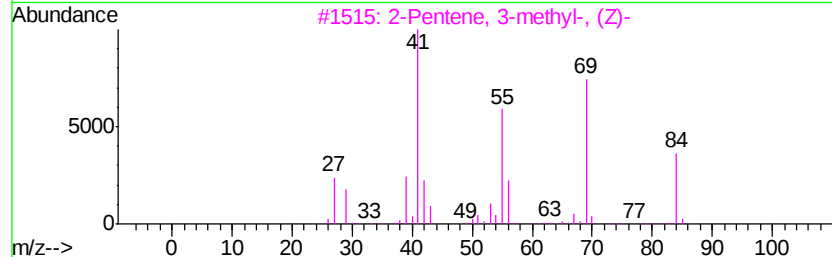
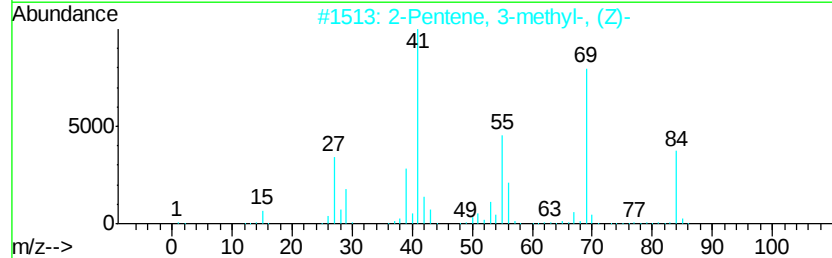
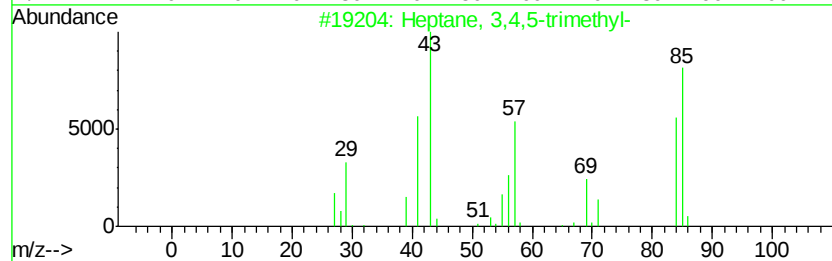
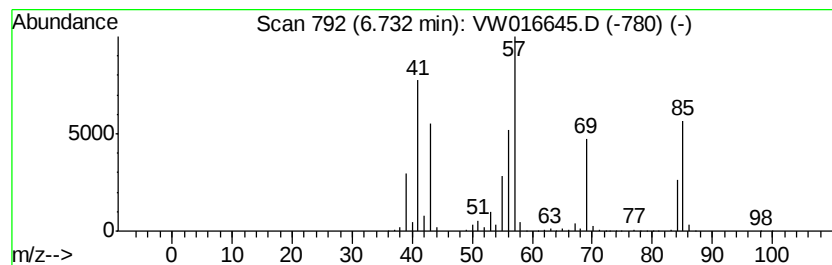
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	61.14 ug/L	2475460	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
2			2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	46
3			2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	41
4			2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	41
5			2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	38



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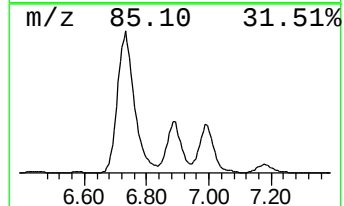
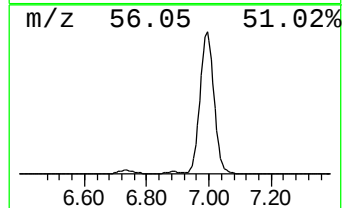
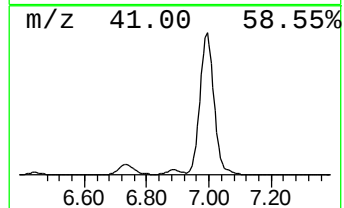
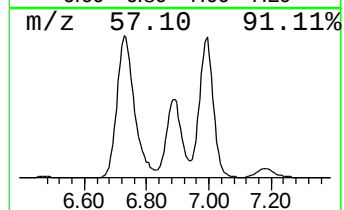
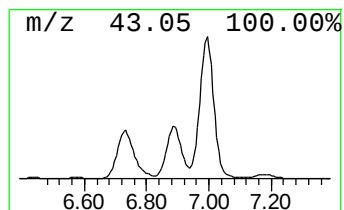
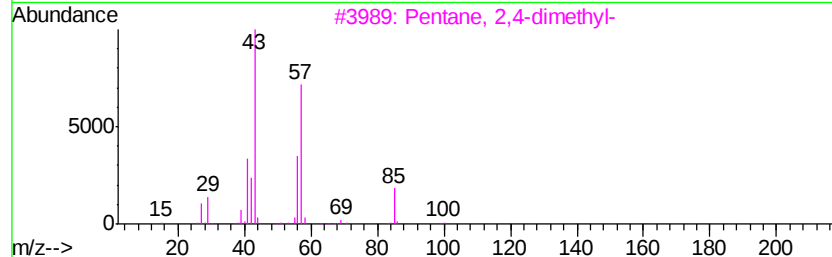
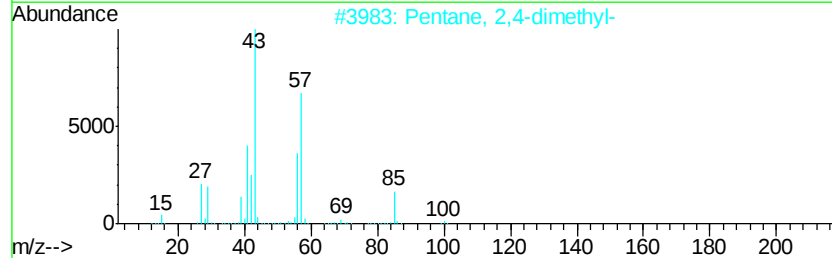
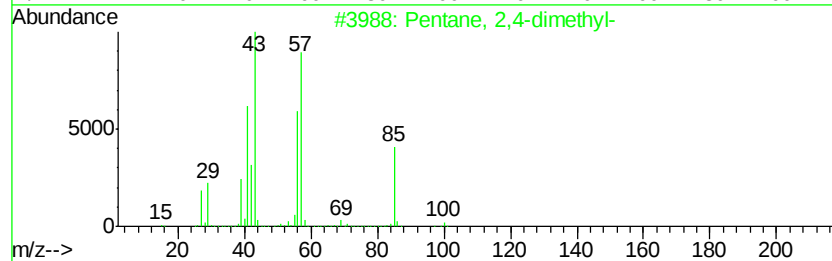
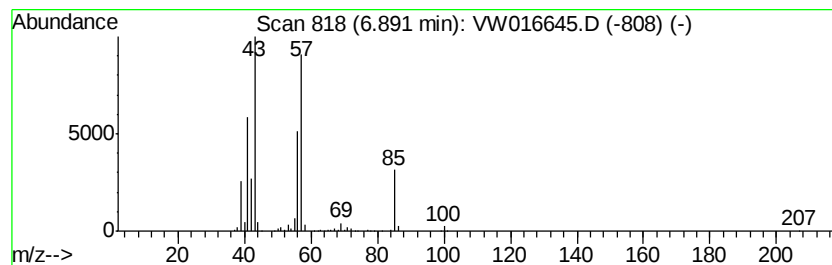
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Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	27.35 ug/L	1107270	1,4-Difluorobenzene	8.85

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	90
3		Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	74
4		Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	64
5		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

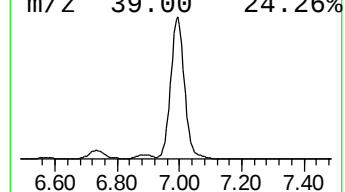
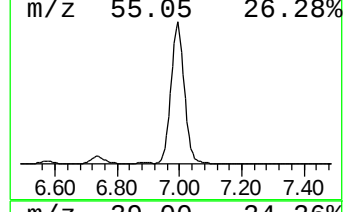
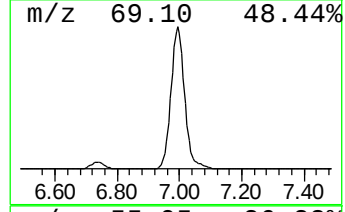
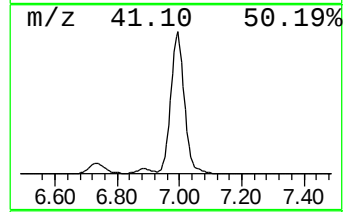
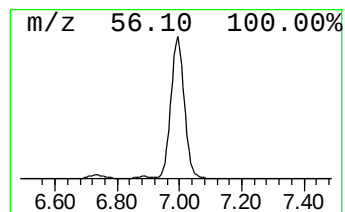
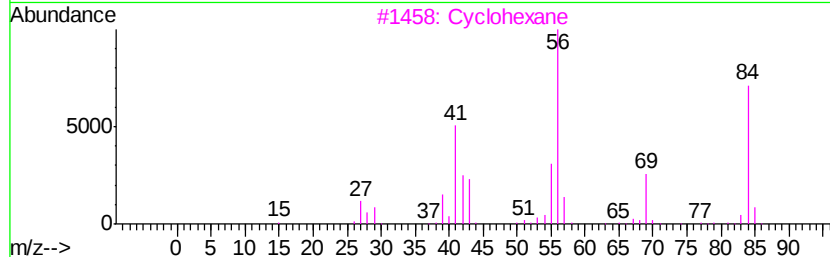
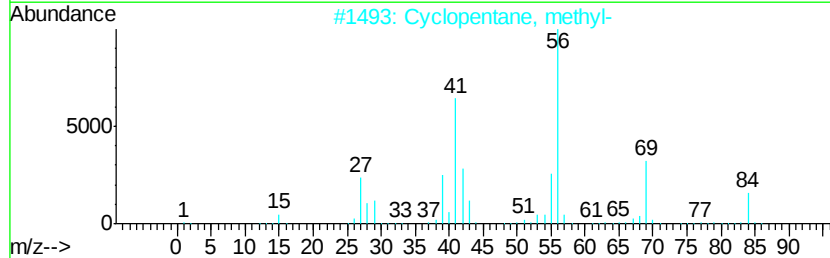
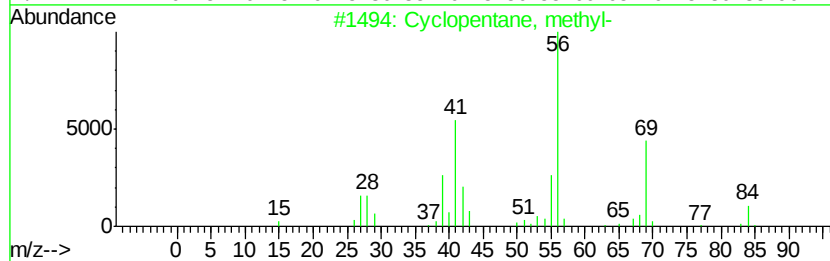
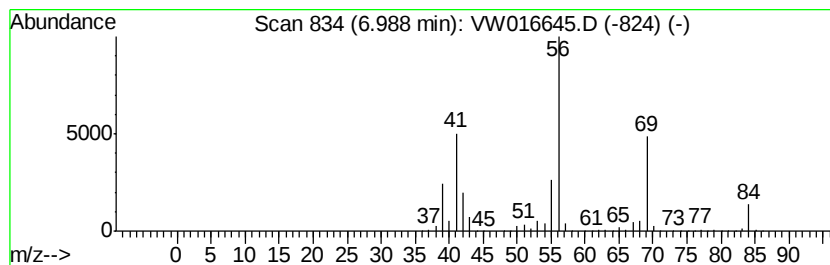
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Cyclic6.99 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	707.91 ug/L	28664300	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2		Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3		Cyclohexane	84	C6H12	000110-82-7	78
4		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5		Cyclobutane, ethyl-	84	C6H12	004806-61-5	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

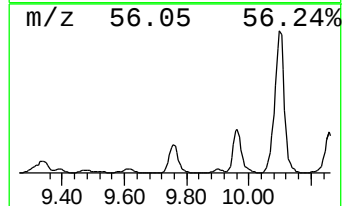
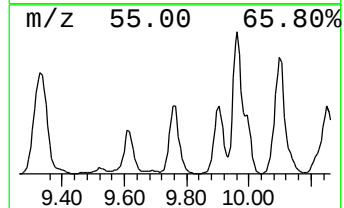
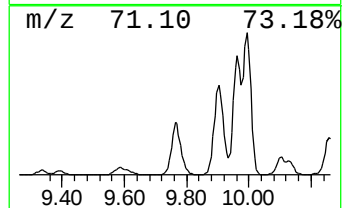
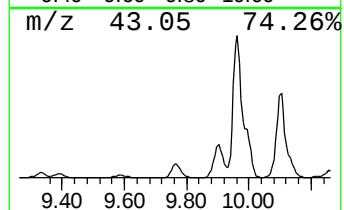
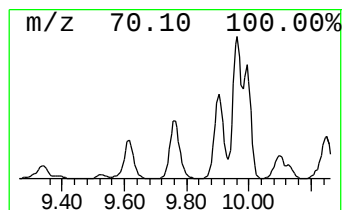
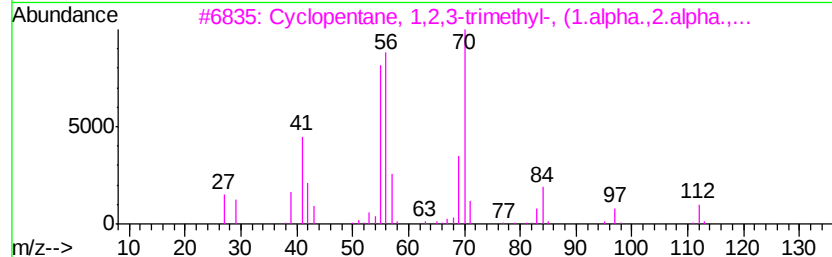
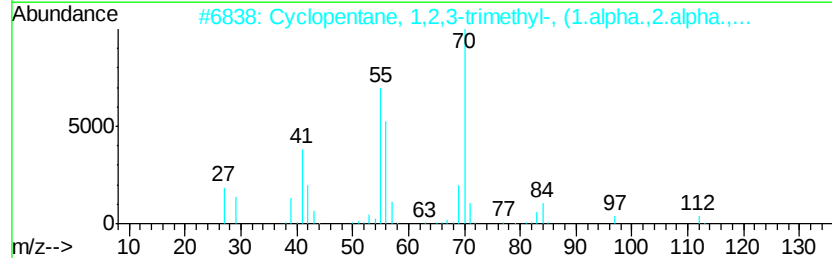
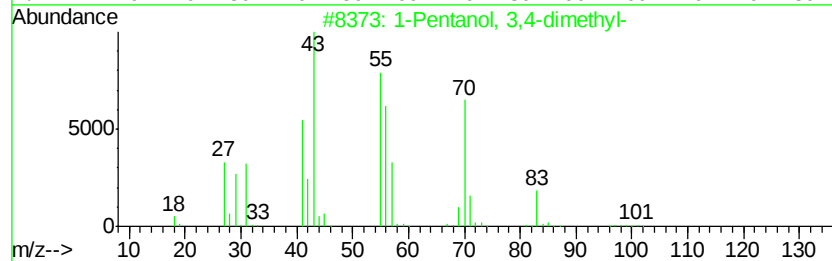
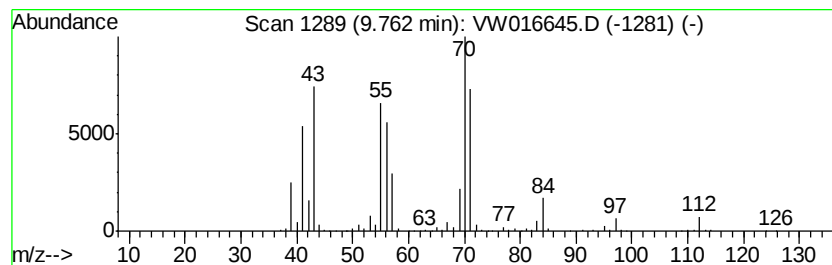
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Quant Title : VOC Analysis

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

Peak Number 5 1-Pentanol, 3,4-dimethyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	17.66 ug/L	715207	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentanol, 3,4-dimethyl-	116	C7H16O	006570-87-2	50
2		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	47
3		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	46
4		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	46
5		Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

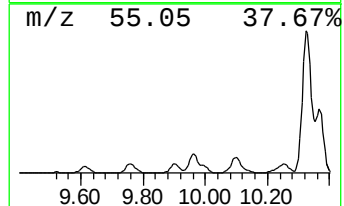
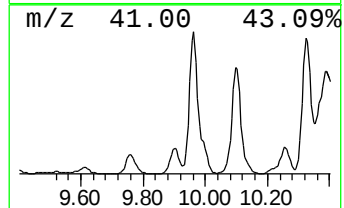
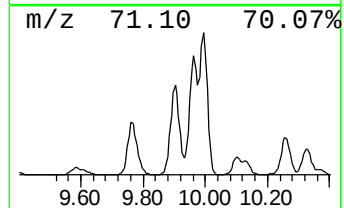
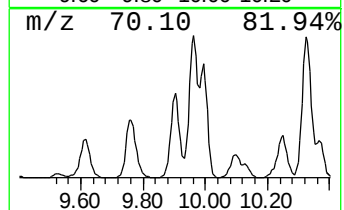
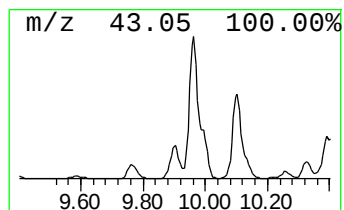
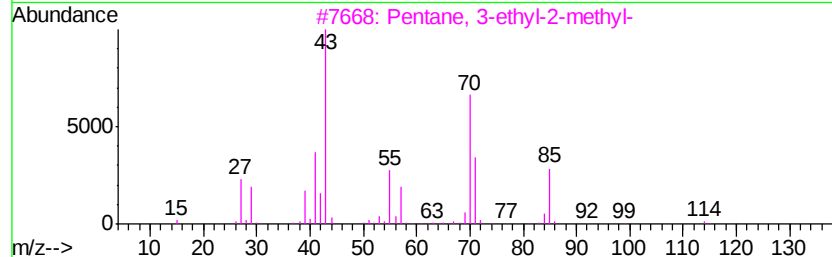
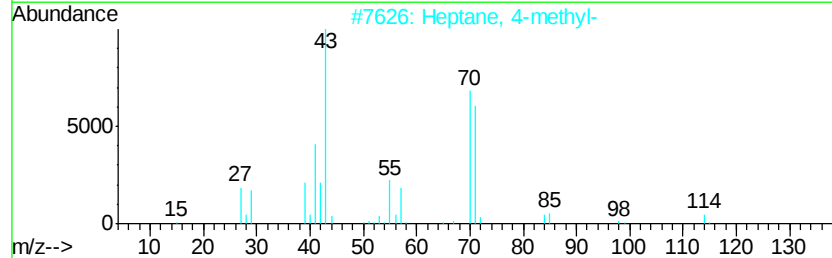
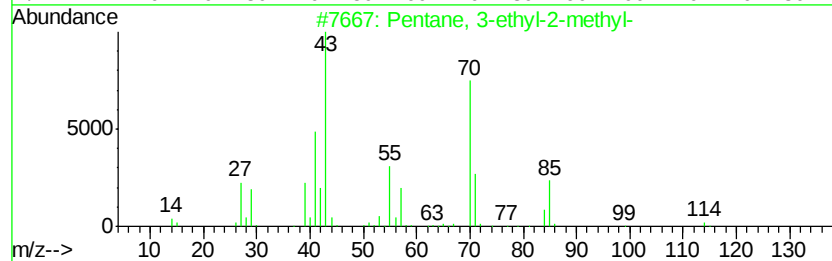
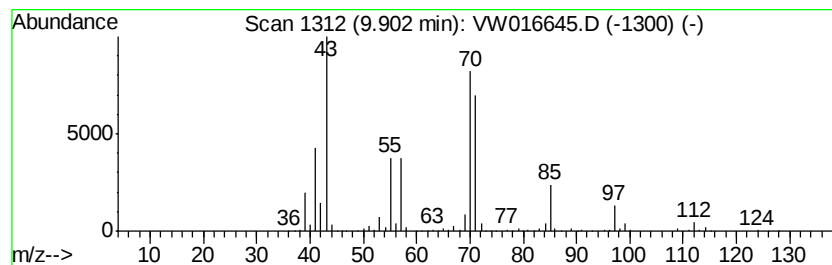
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	24.07 ug/L	974585	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	64
2		Heptane, 4-methyl-	114	C8H18	000589-53-7	64
3		Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	64
4		Heptane, 4-methyl-	114	C8H18	000589-53-7	64
5		Heptane, 3-ethyl-4-methyl-	142	C10H22	052896-91-0	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

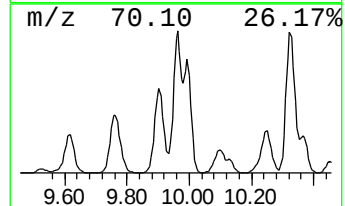
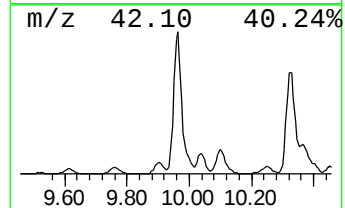
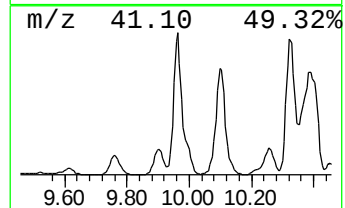
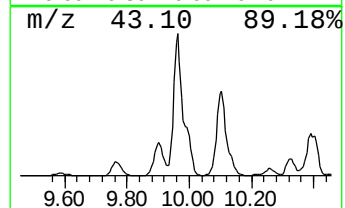
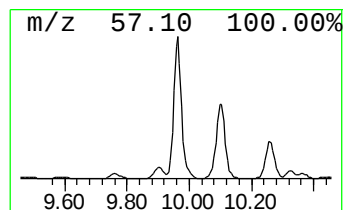
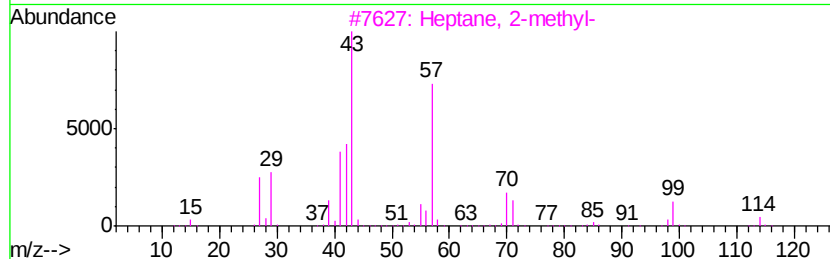
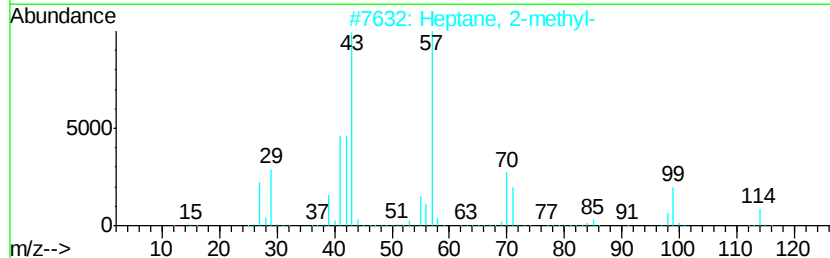
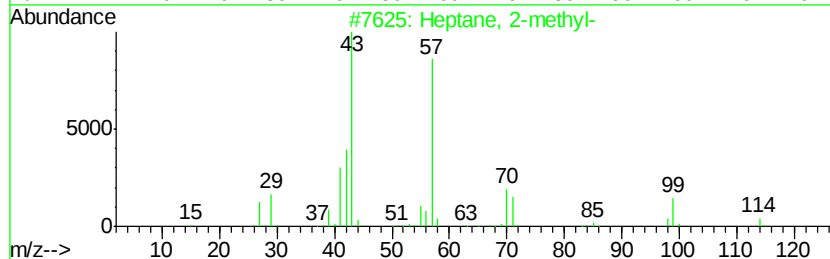
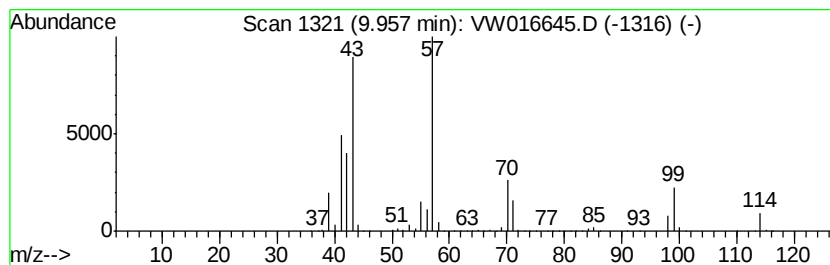
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	92.35 ug/L	3739280	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2-methyl-	114	C8H18	000592-27-8	87
2		Heptane, 2-methyl-	114	C8H18	000592-27-8	87
3		Heptane, 2-methyl-	114	C8H18	000592-27-8	87
4		2-Piperidinone	99	C5H9NO	000675-20-7	59
5		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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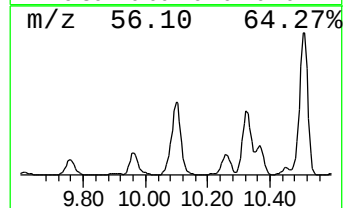
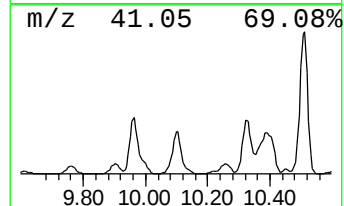
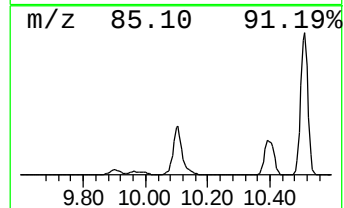
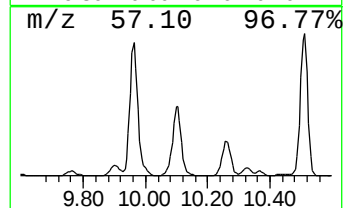
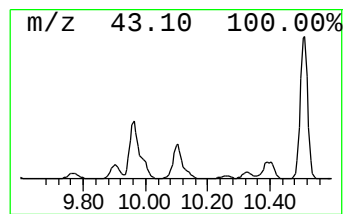
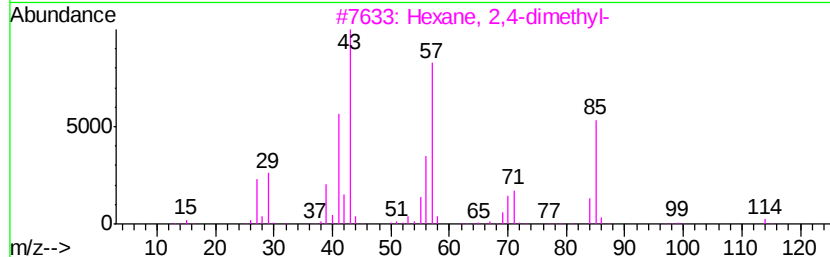
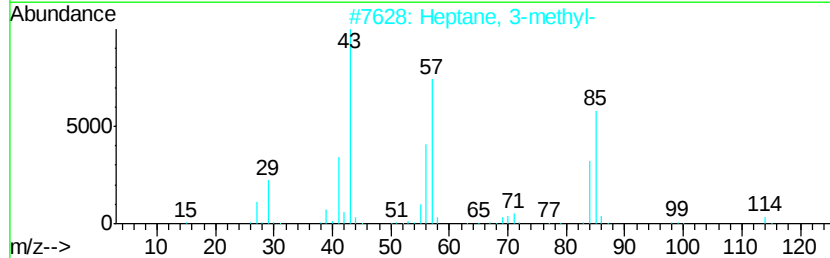
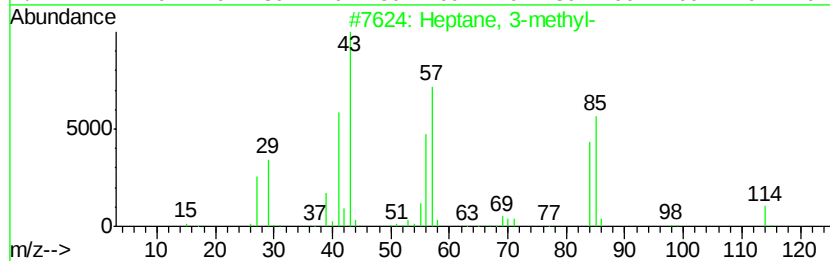
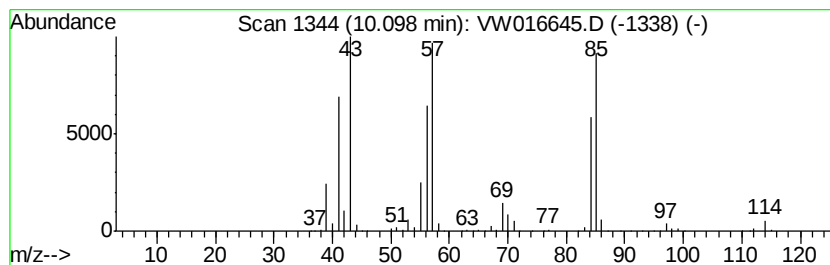
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	78.33 ug/L	3171620	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2		Heptane, 3-methyl-	114	C8H18	000589-81-1	91
3		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
4		Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	64
5		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

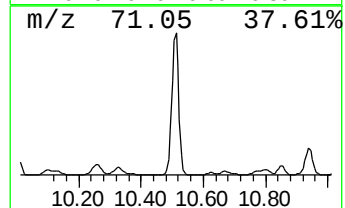
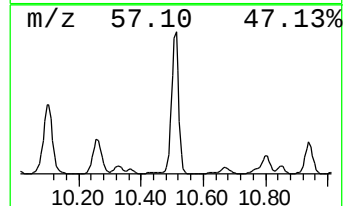
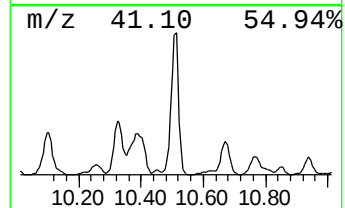
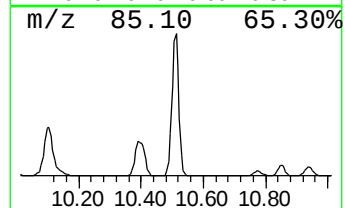
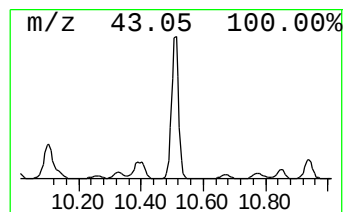
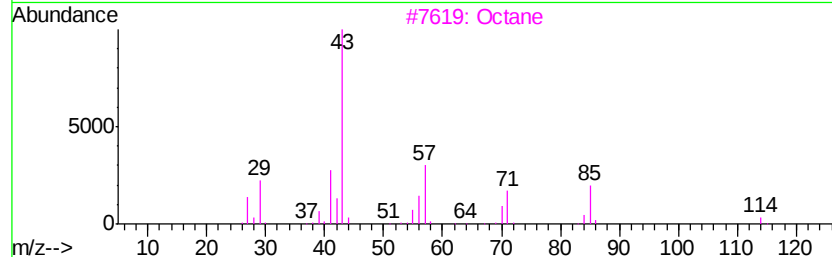
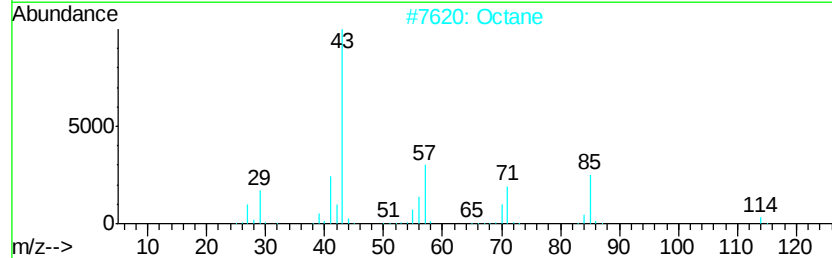
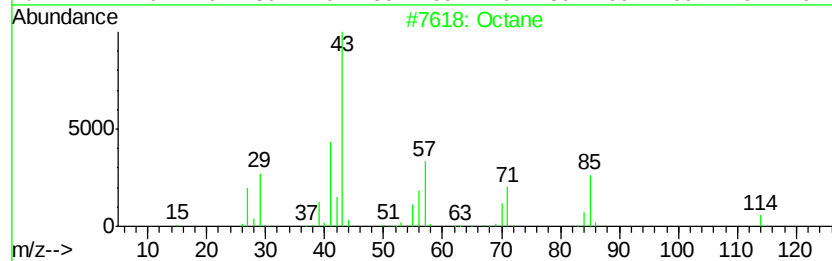
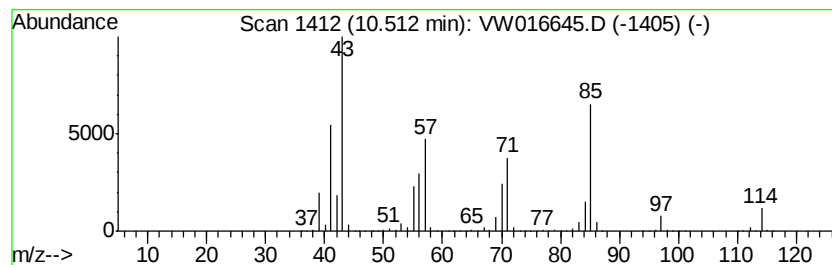
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	180.36 ug/L	8787950	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane	114	C8H18	000111-65-9	91
2		Octane	114	C8H18	000111-65-9	91
3		Octane	114	C8H18	000111-65-9	87
4		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
5		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

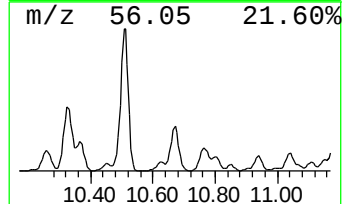
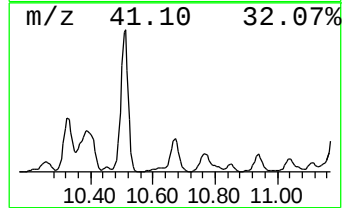
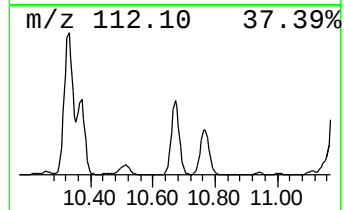
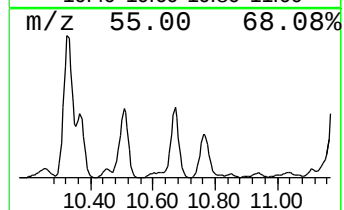
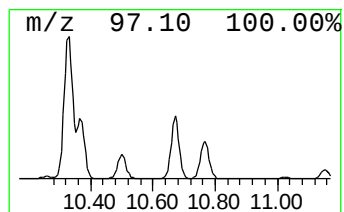
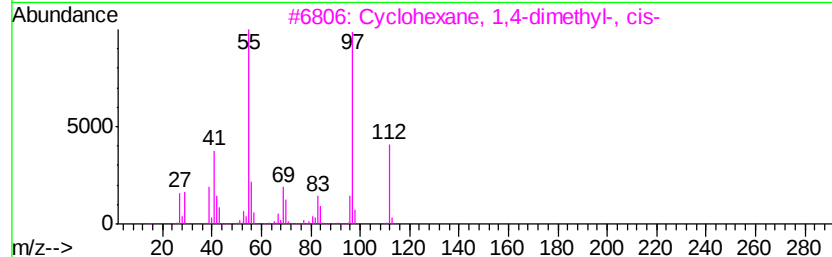
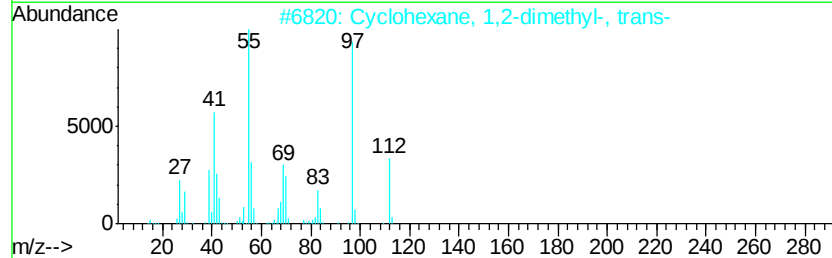
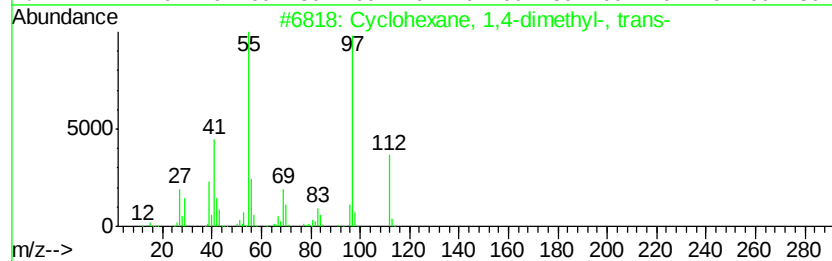
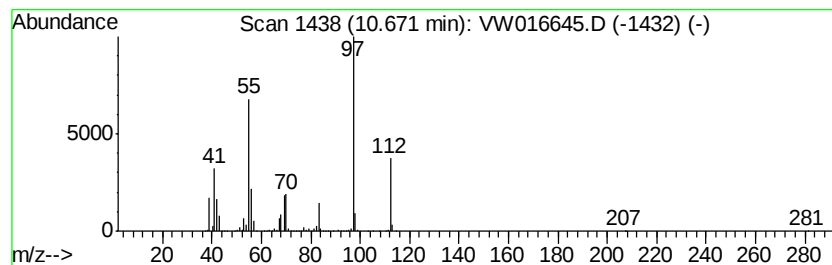
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Cyclic10.67 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	64.61 ug/L	3147810	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	91
2		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
3		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
4		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
5		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

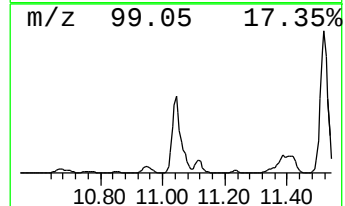
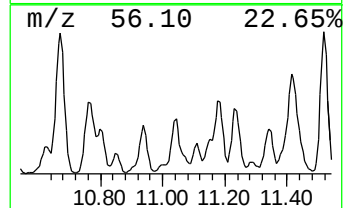
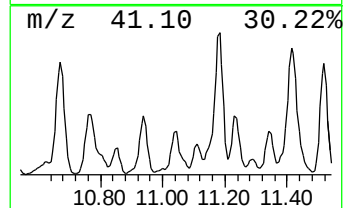
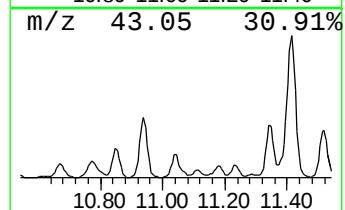
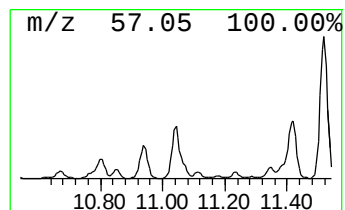
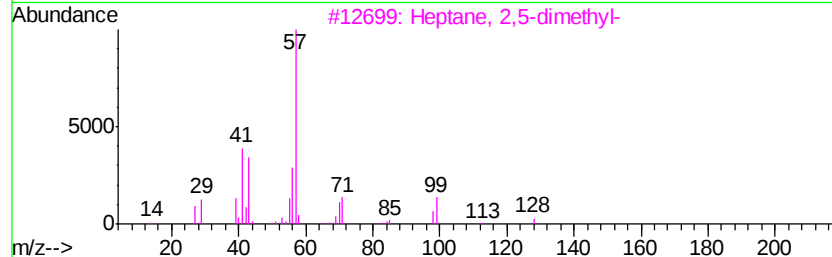
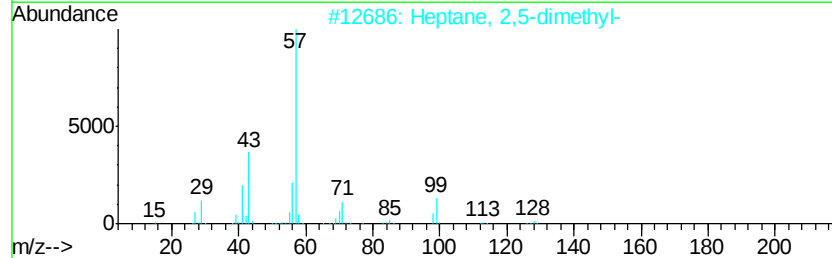
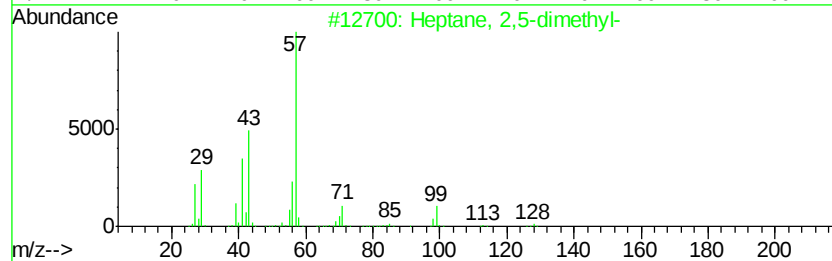
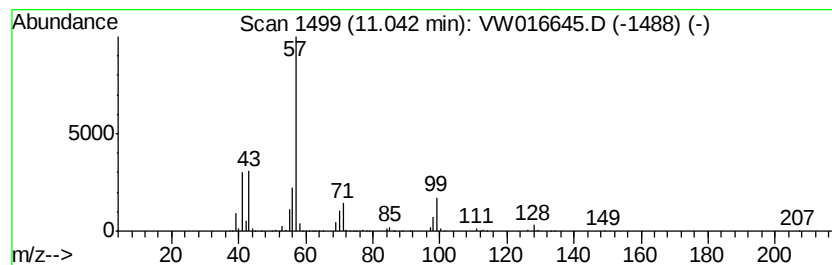
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	19.86 ug/L	967762	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, 2,5-dimethyl-	128	C9H20	002216-30-0	90
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
4		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	81
5		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
 Data File : VW016645.D
 Acq On : 24 Sep 2020 16:49
 Operator : SY/VA
 Sample : L4109-11
 Misc : 5.96G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3X1

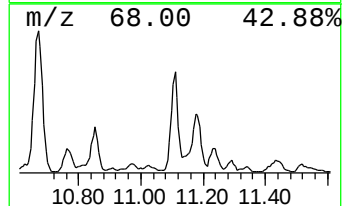
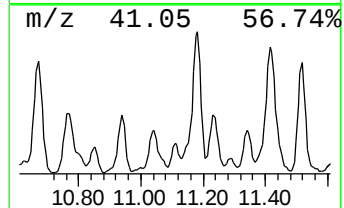
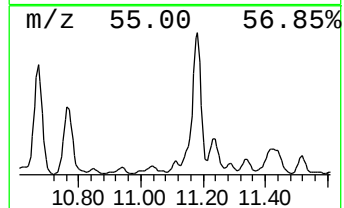
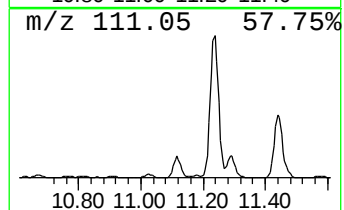
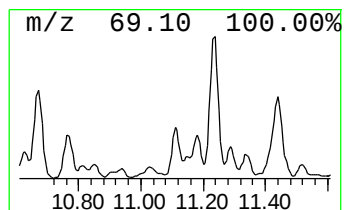
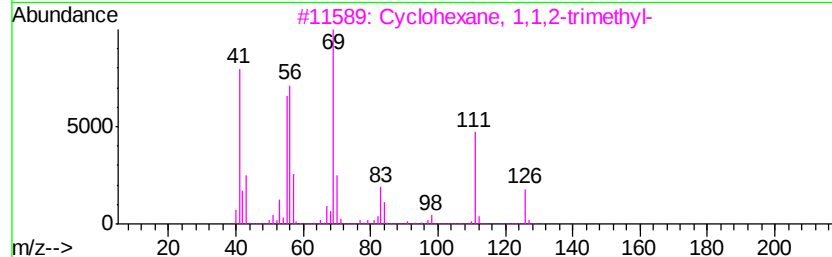
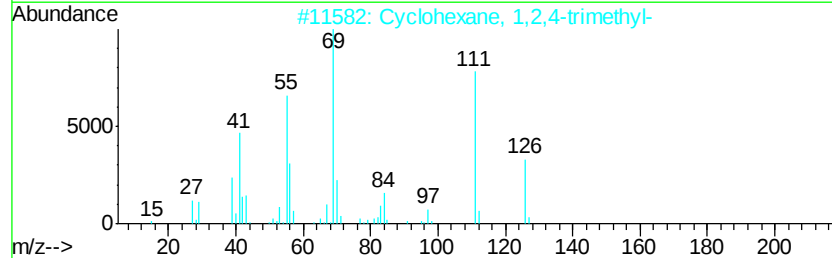
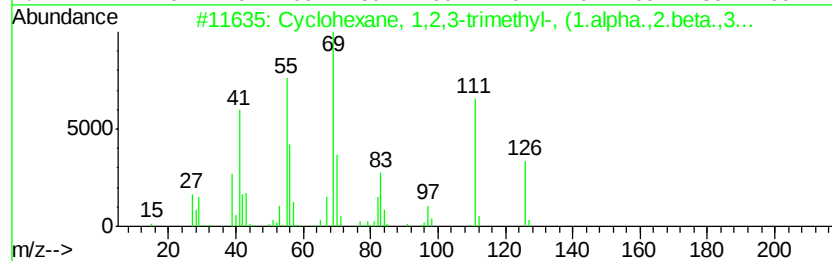
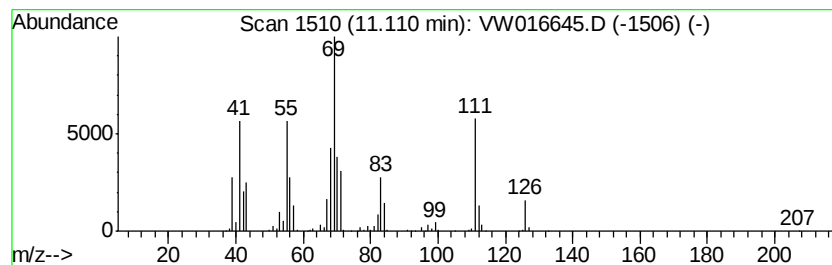
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 Quant Title : VOC Analysis

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

 Peak Number 12 (DEL) Alkane: Cyclic11.11 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	10.99 ug/L	535275	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	76
2		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	64
3		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	52
4		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	52
5		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

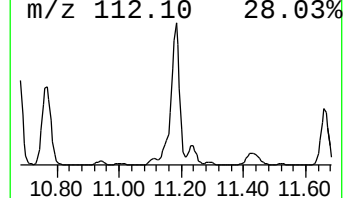
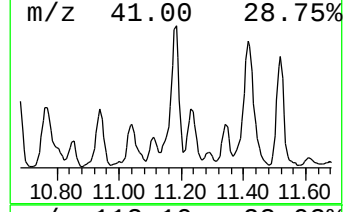
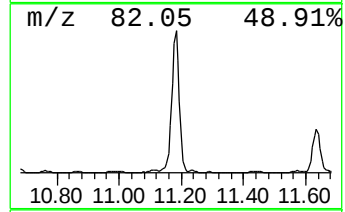
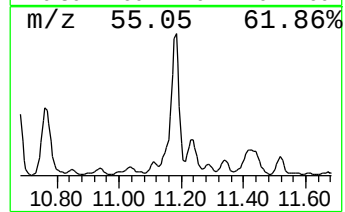
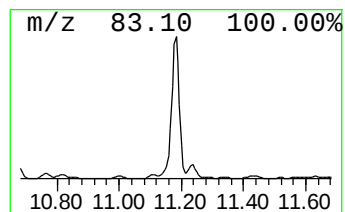
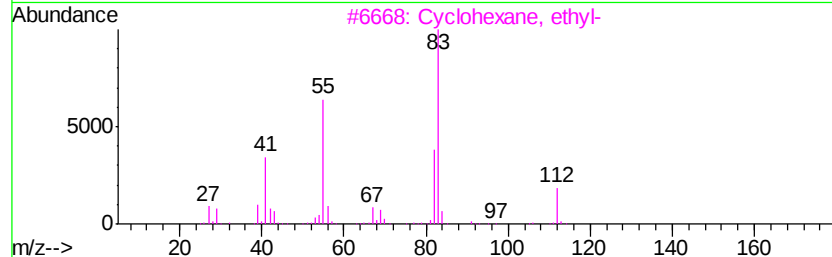
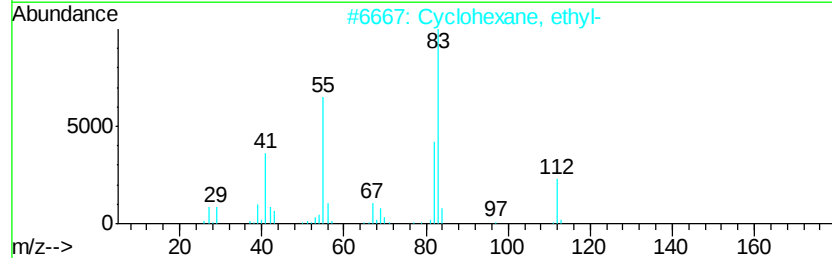
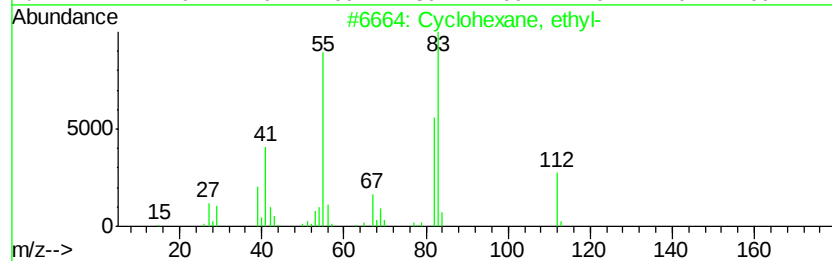
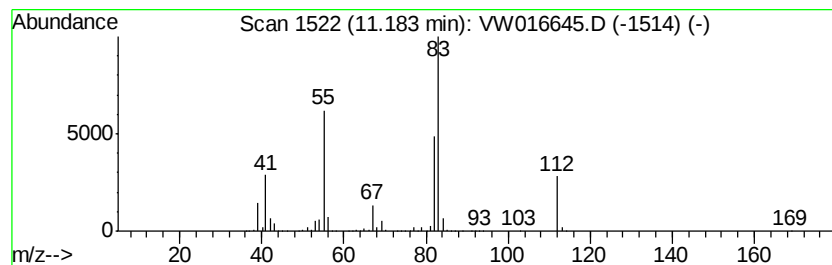
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Cyclic11.18 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	63.47 ug/L	3092360	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	87
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
5		Cyclohexane, ethyl-	112	C8H16	001678-91-7	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

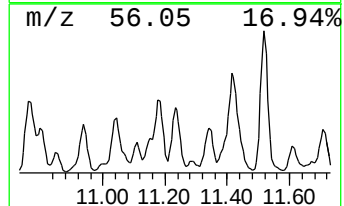
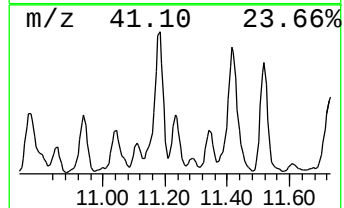
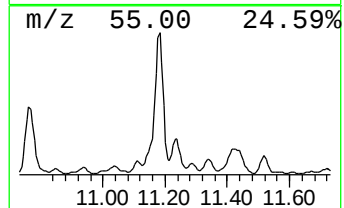
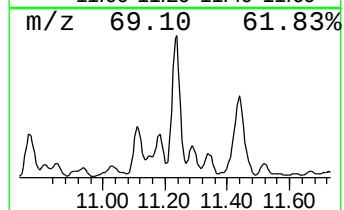
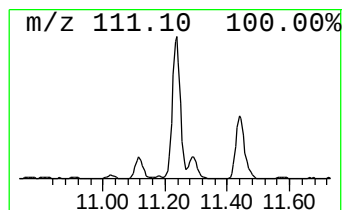
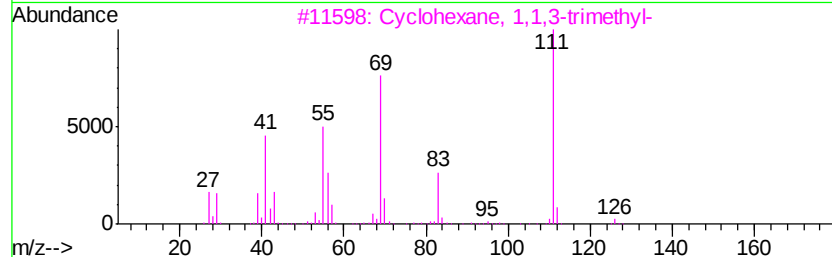
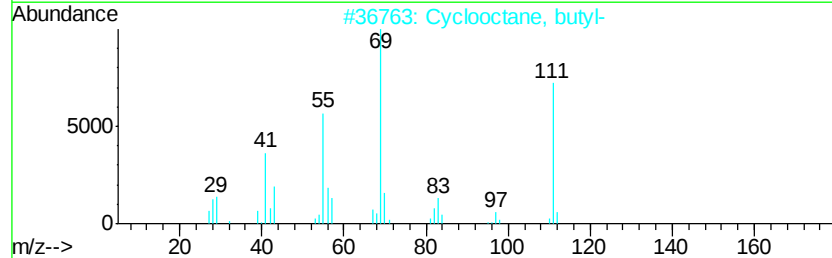
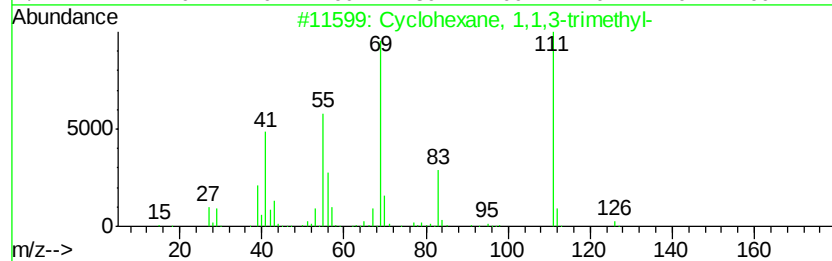
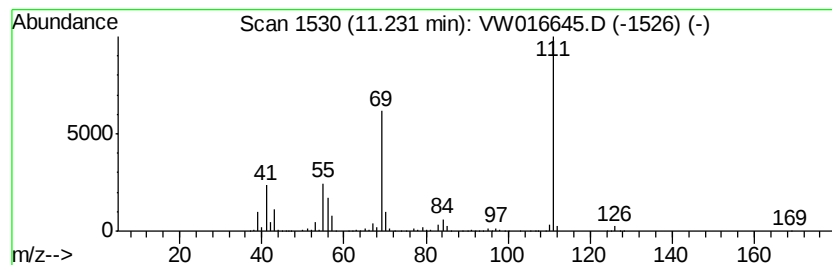
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Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Cyclic11.23 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	28.27 ug/L	1377530	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	78
2		Cyclooctane, butyl-	168	C12H24	016538-93-5	64
3		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	49
4		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	49
5		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

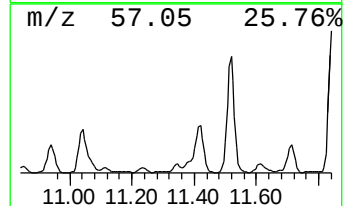
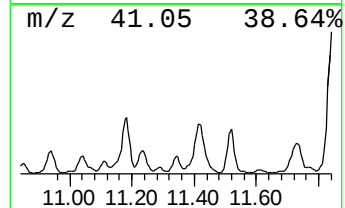
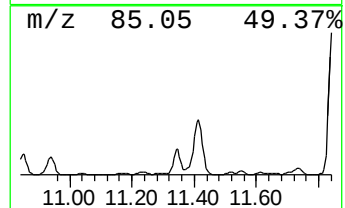
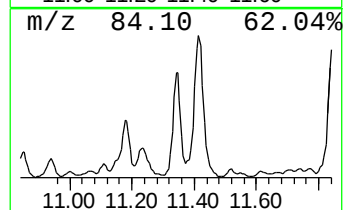
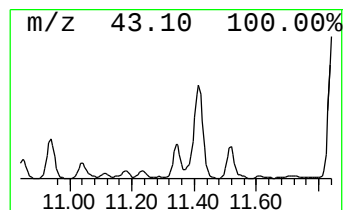
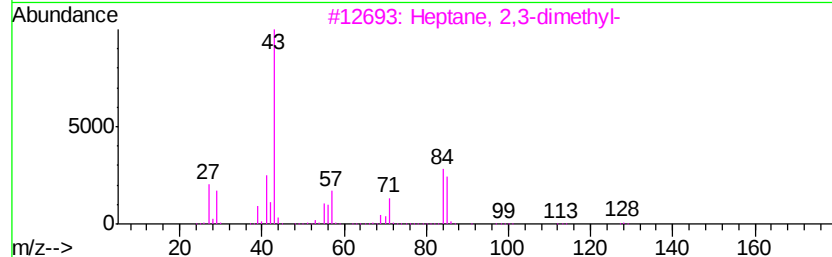
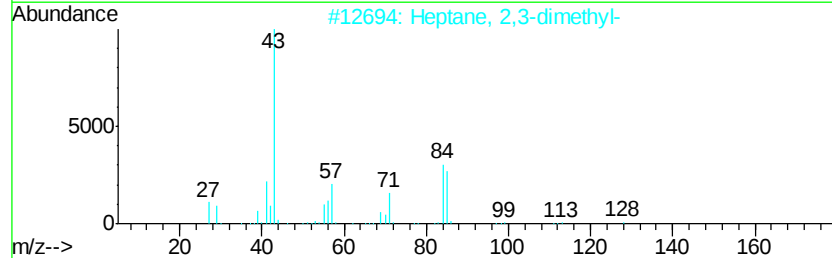
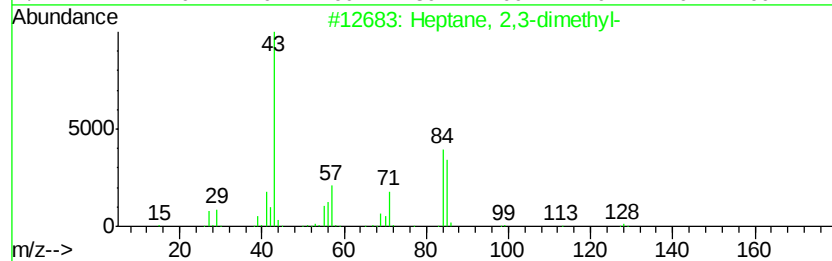
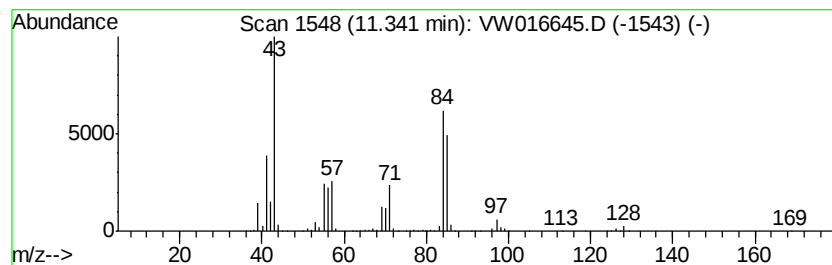
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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	16.22 ug/L	790228	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	87
2			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	72
3			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	72
4			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	58
5			1-Octene, 4-methyl-	126	C9H18	013151-12-7	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

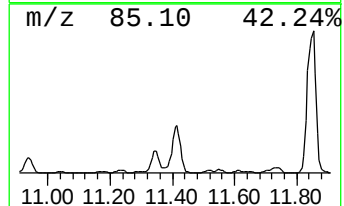
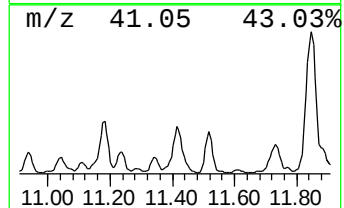
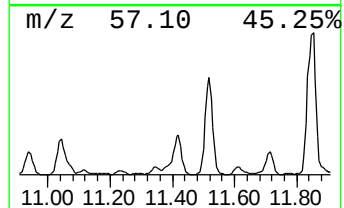
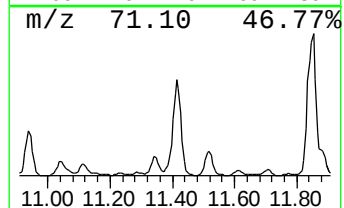
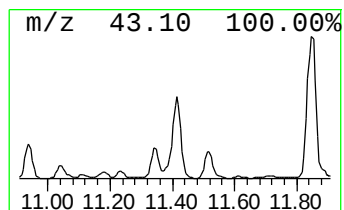
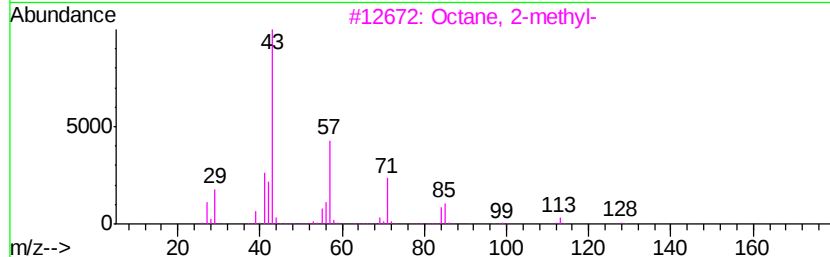
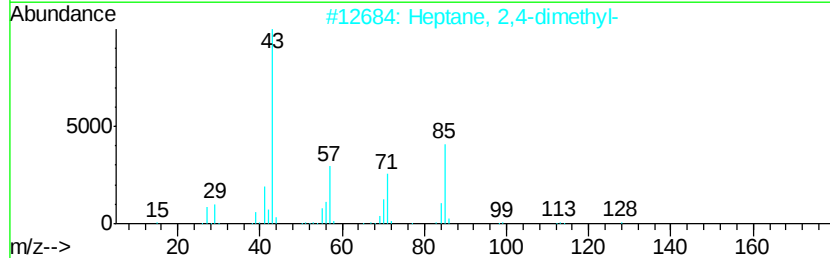
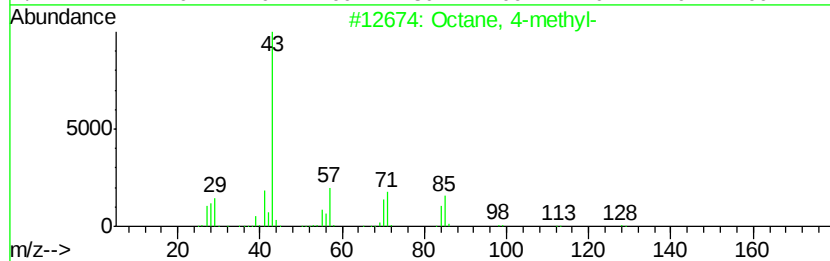
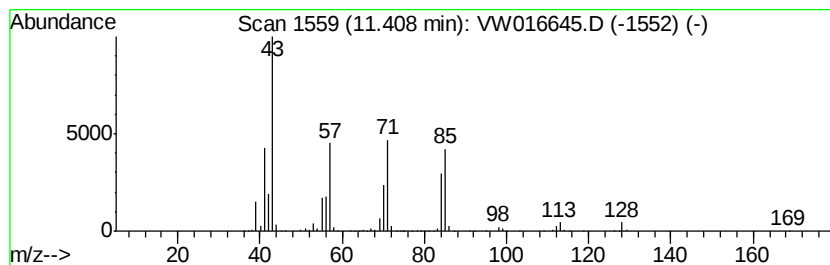
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	75.17 ug/L	3662520	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 4-methyl-	128	C9H20	002216-34-4	78
2			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
3			Octane, 2-methyl-	128	C9H20	003221-61-2	72
4			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
5			Undecane, 5-methyl-	170	C12H26	001632-70-8	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

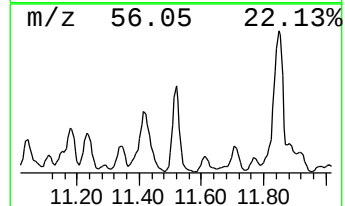
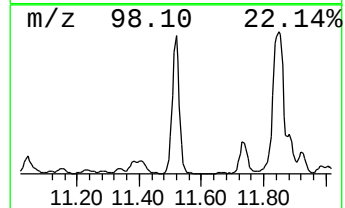
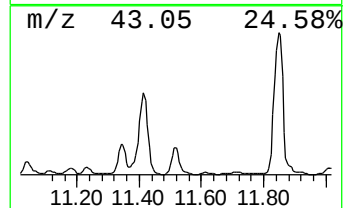
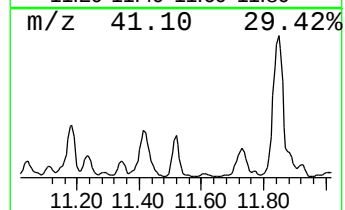
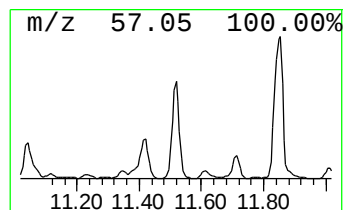
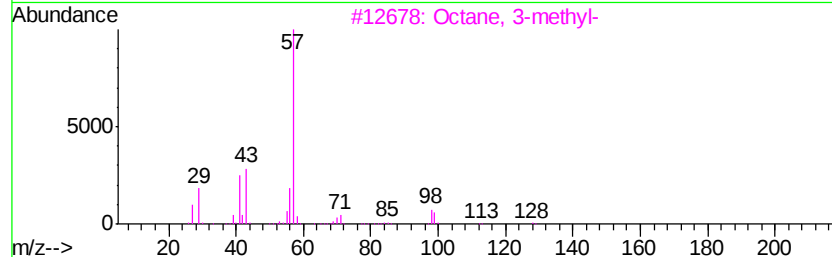
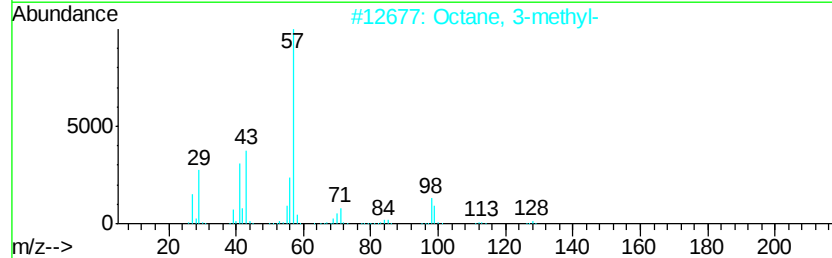
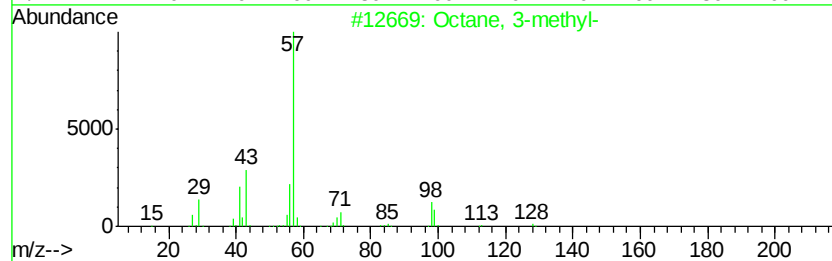
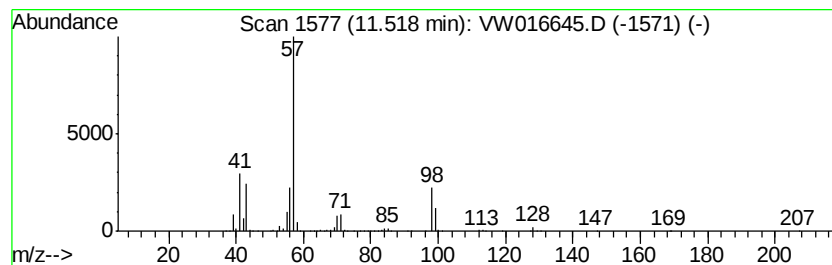
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Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	39.75 ug/L	1936970	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3-methyl-	128	C9H20	002216-33-3	87
2		Octane, 3-methyl-	128	C9H20	002216-33-3	72
3		Octane, 3-methyl-	128	C9H20	002216-33-3	72
4		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	70
5		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

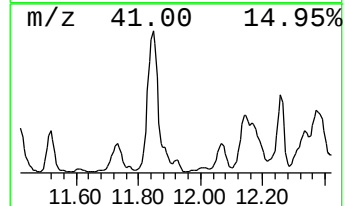
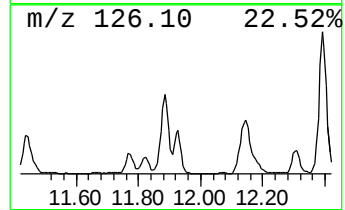
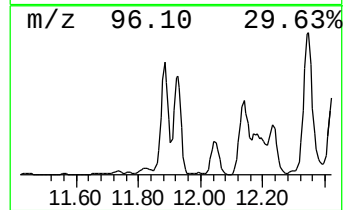
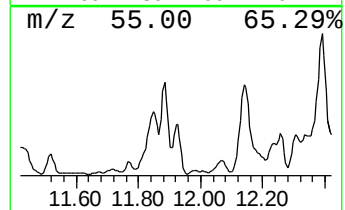
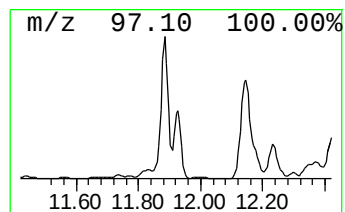
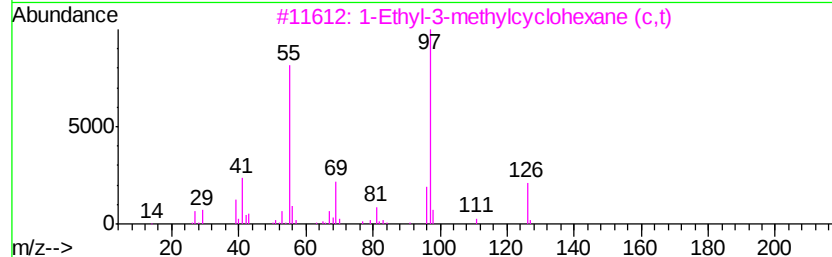
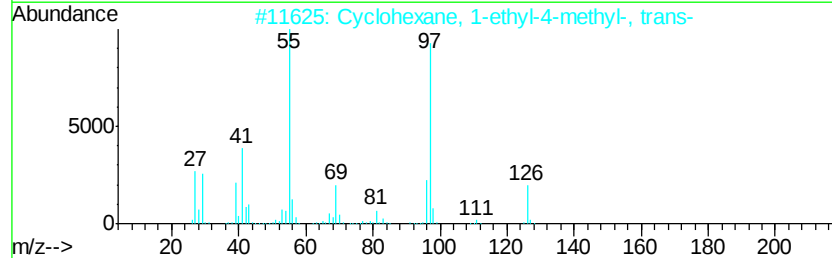
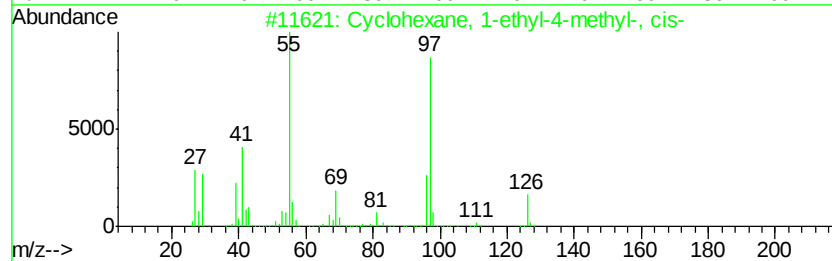
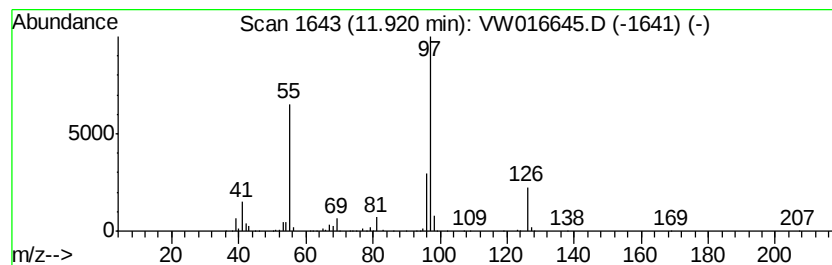
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Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Cyclic11.92 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	17.39 ug/L	847280	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	83
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	83
3		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	80
4		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	80
5		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

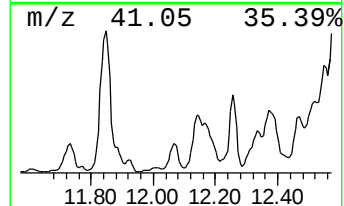
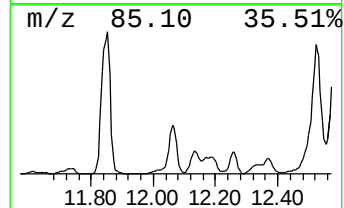
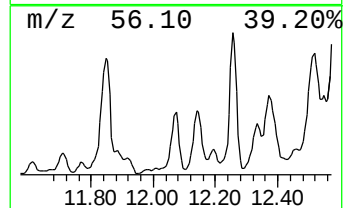
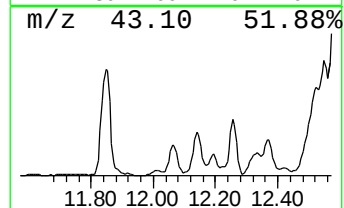
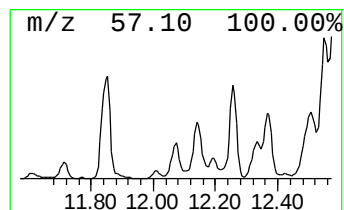
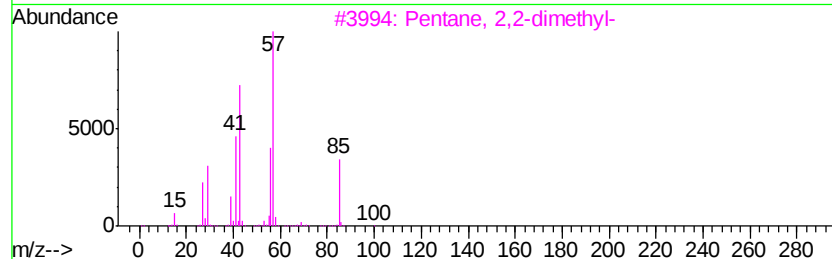
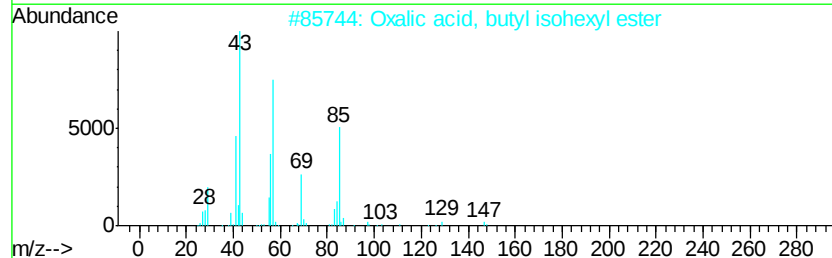
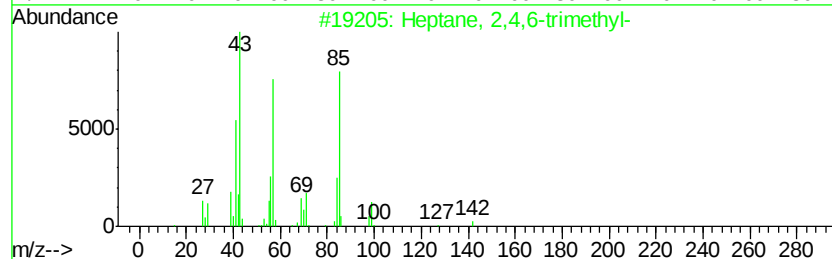
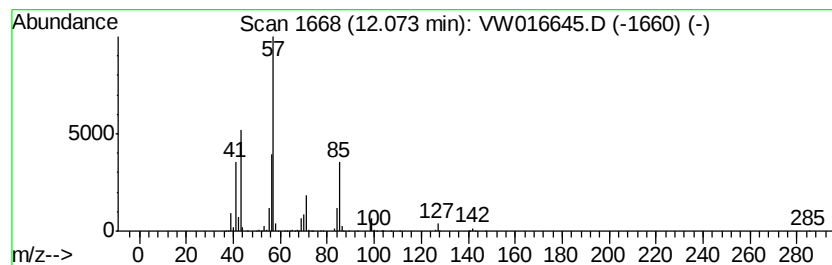
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Quant Title : VOC Analysis

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	32.40 ug/L	1578640	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	53
2		Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	50
3		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	47
4		Sulfurous acid, butyl hexyl ester	222	C10H22O3S	1000309-17-3	43
5		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

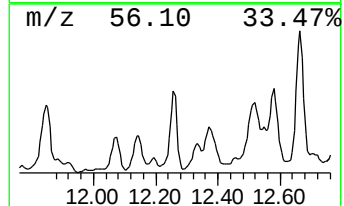
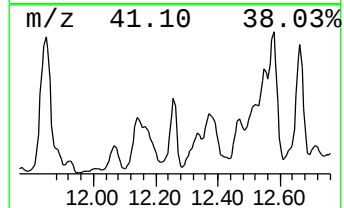
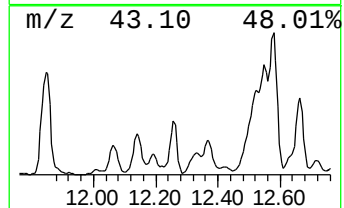
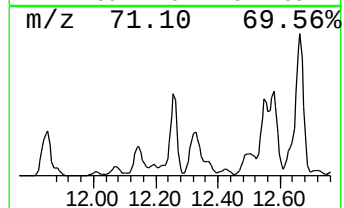
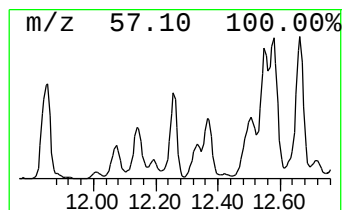
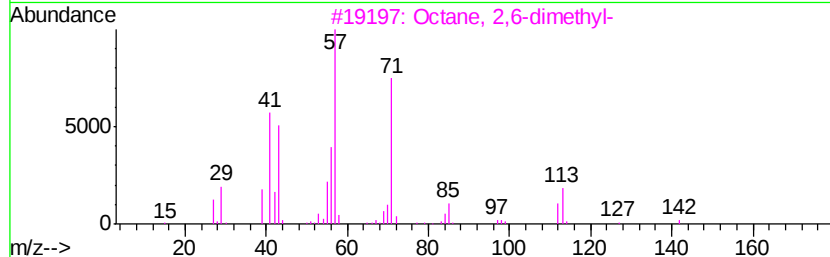
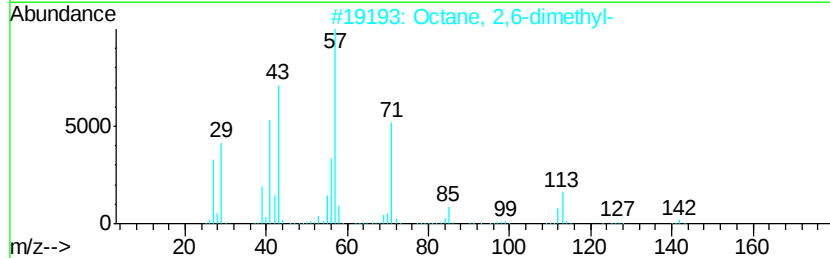
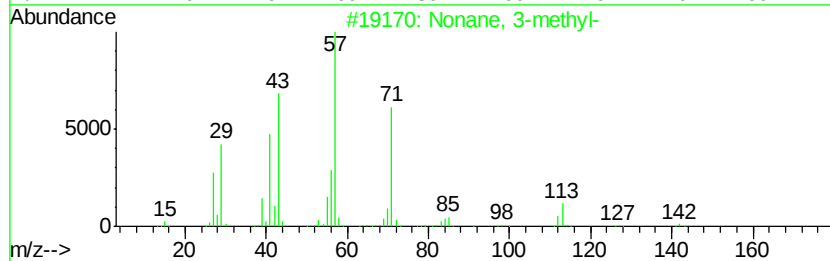
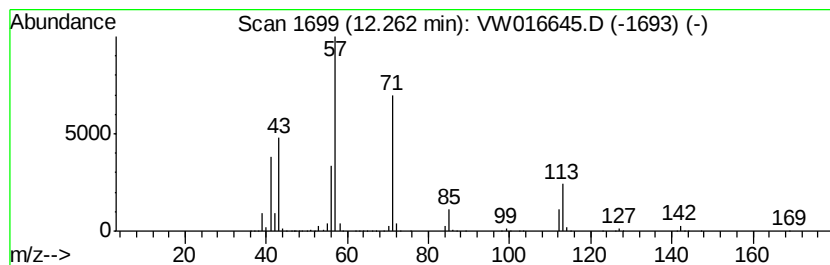
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Quant Title : VOC Analysis

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	74.44 ug/L	3626920	Chlorobenzene-d5	11.63

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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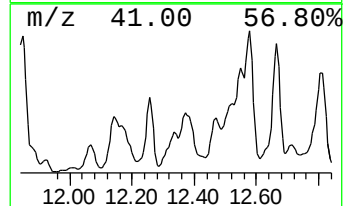
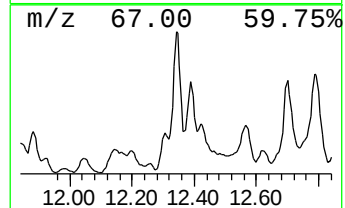
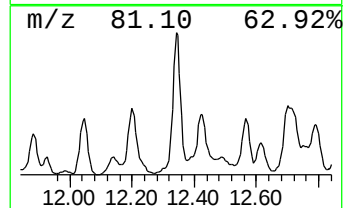
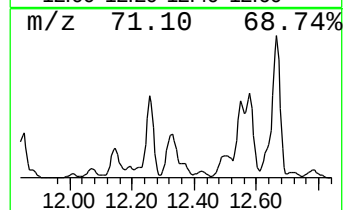
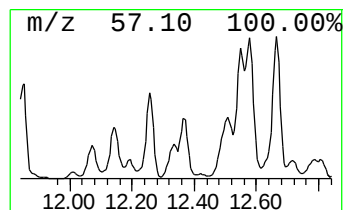
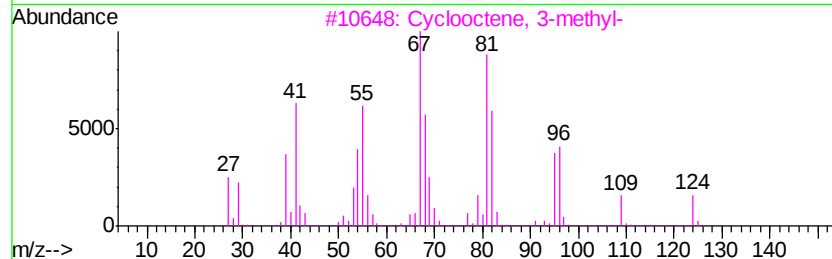
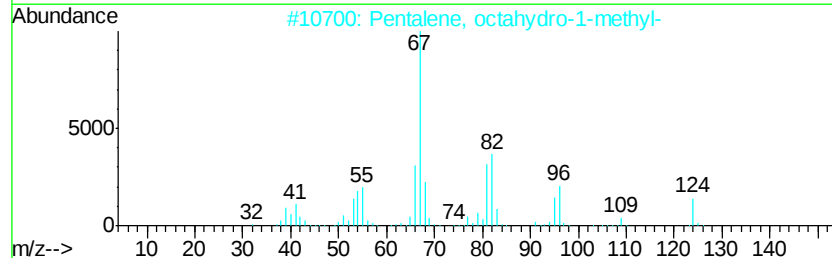
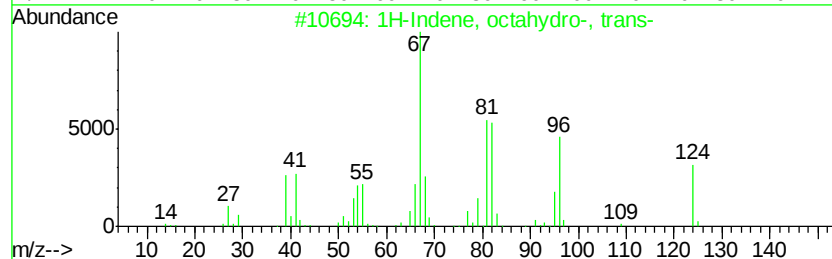
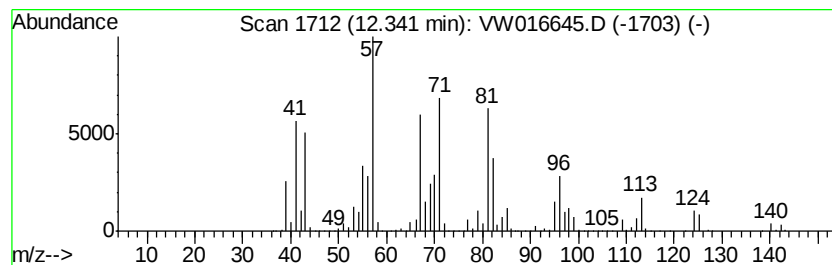
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Quant Title : VOC Analysis

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

Peak Number 21 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	80.34 ug/L	3914210	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	46
2			Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	43
3			Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	43
4			1-Methylcyclooctene	124	C9H16	000933-11-9	42
5			1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	41



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

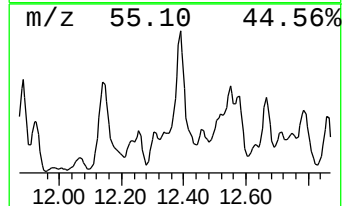
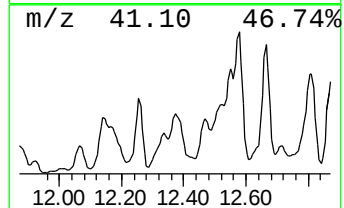
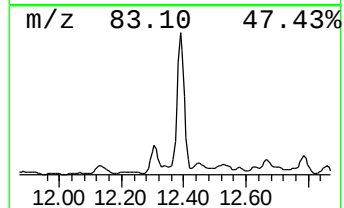
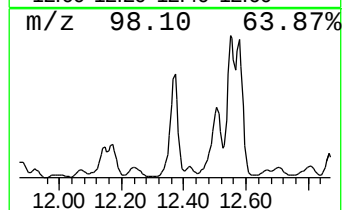
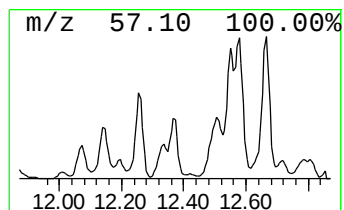
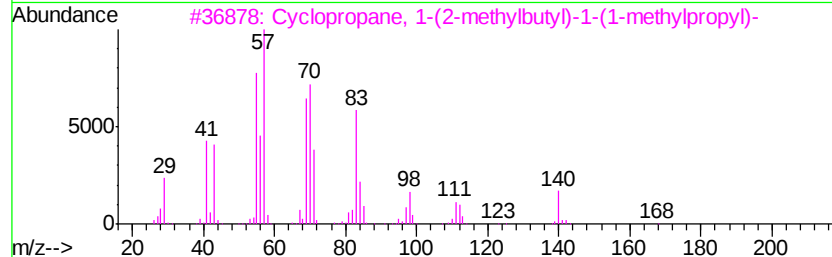
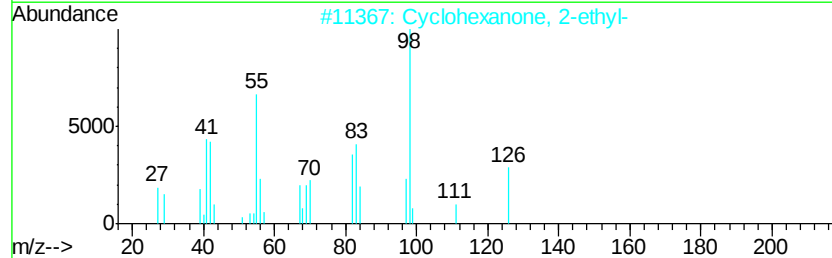
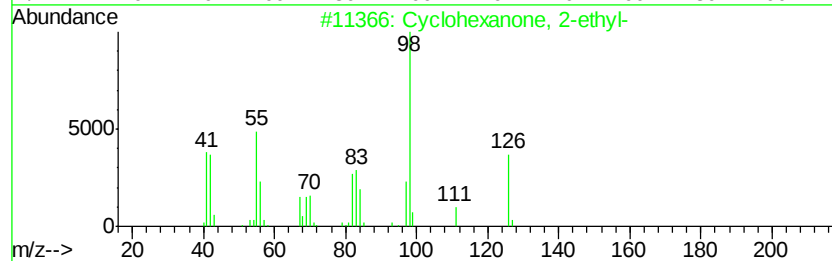
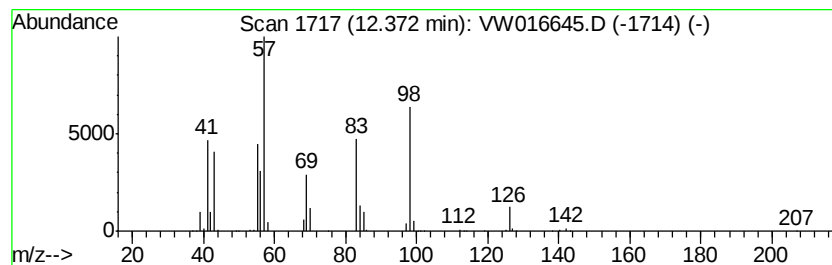
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Quant Title : VOC Analysis

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

Peak Number 22 unknown-02 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	12.88 ug/L	627334	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 2-ethyl-	126	C8H14O	004423-94-3	47
2		Cyclohexanone, 2-ethyl-	126	C8H14O	004423-94-3	43
3		Cyclopropane, 1-(2-methylbutyl)-...	168	C12H24	064723-36-0	38
4		1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	38
5		1-Propene, 1,1'-oxybis-, (Z,Z)-	98	C6H10O	004696-27-9	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

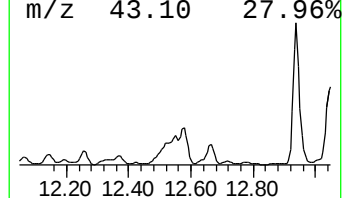
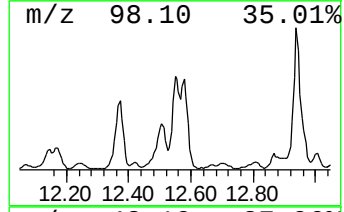
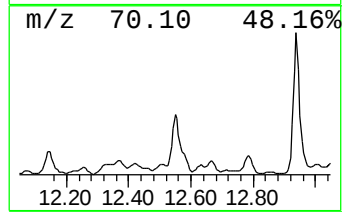
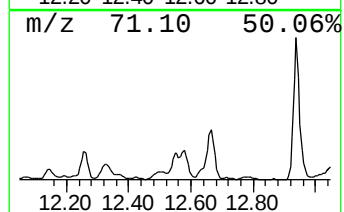
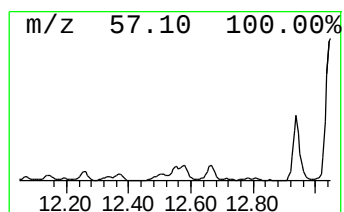
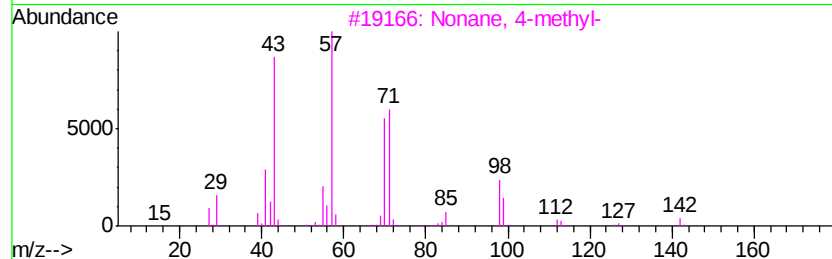
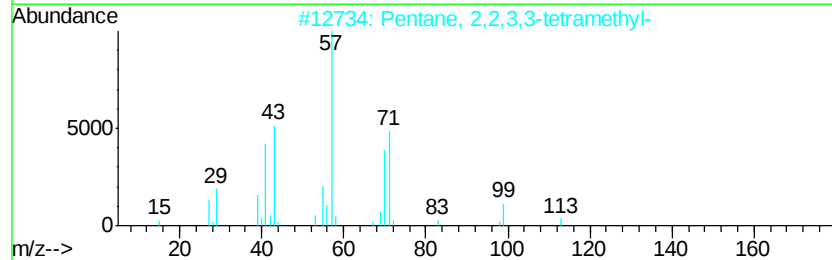
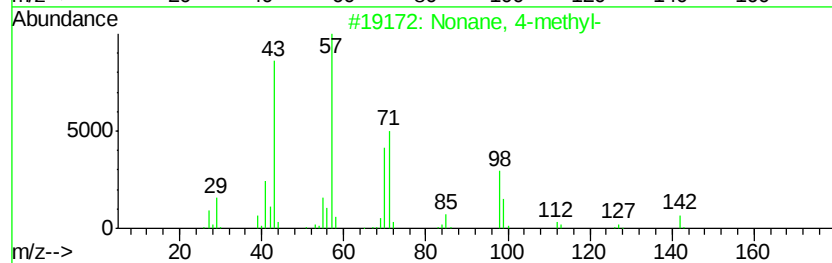
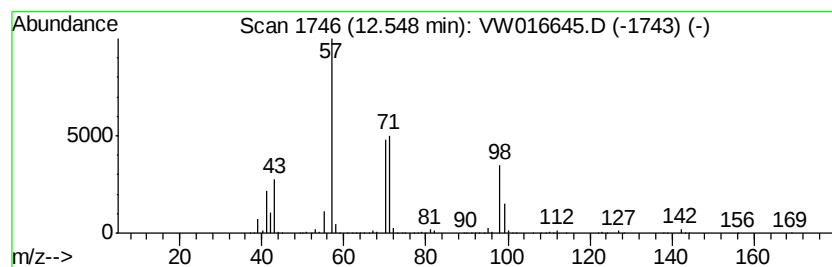
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Quant Title : VOC Analysis

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	34.74 ug/L	1692690	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4-methyl-	142	C10H22	017301-94-9	74
2		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
3		Nonane, 4-methyl-	142	C10H22	017301-94-9	56
4		Nonane, 4-methyl-	142	C10H22	017301-94-9	50
5		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

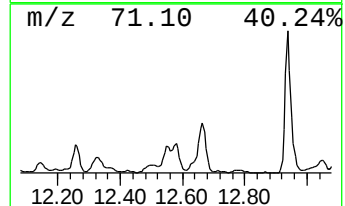
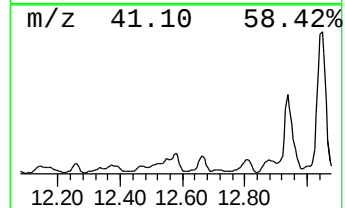
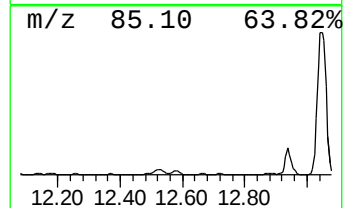
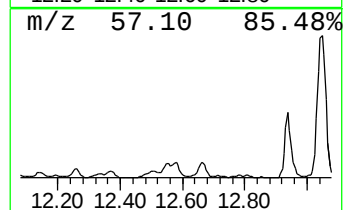
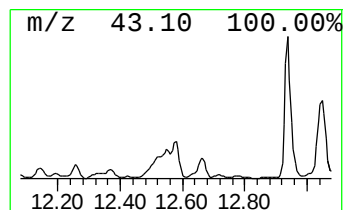
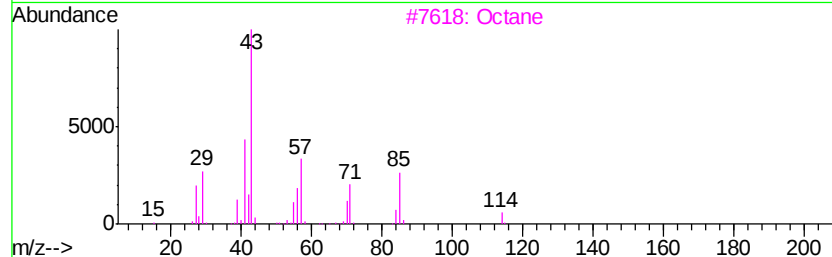
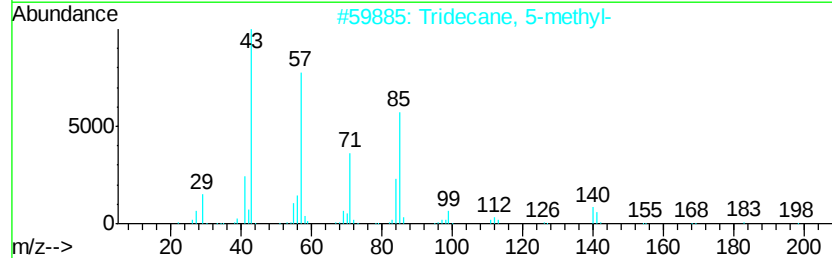
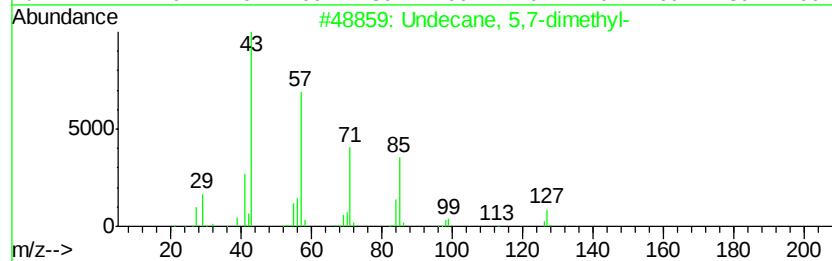
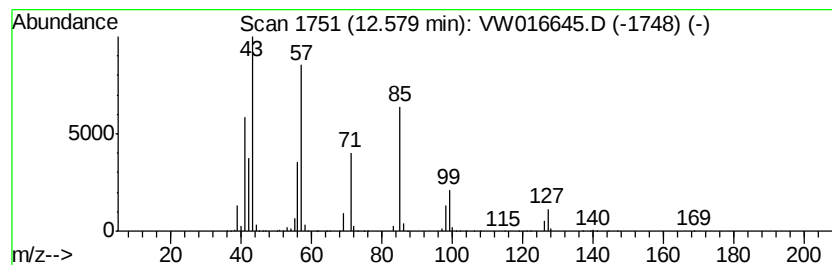
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Quant Title : VOC Analysis

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	125.18 ug/L	6098930	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	53
2		Tridecane, 5-methyl-	198	C14H30	025117-31-1	50
3		Octane	114	C8H18	000111-65-9	50
4		Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	47
5		Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

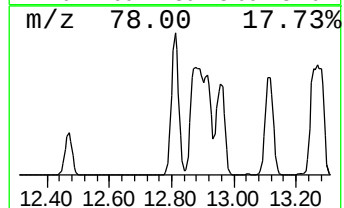
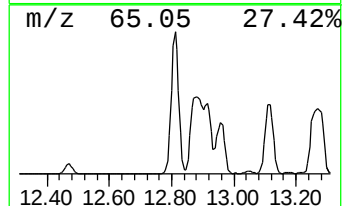
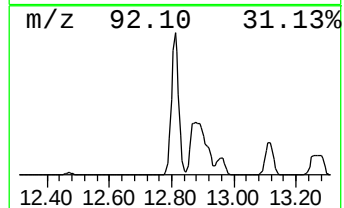
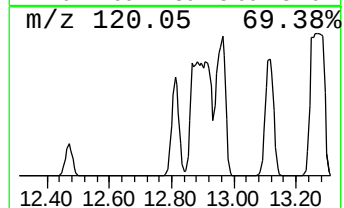
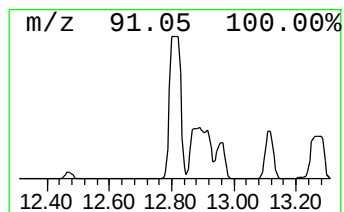
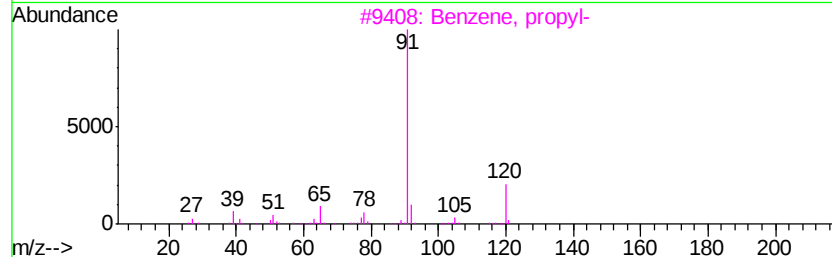
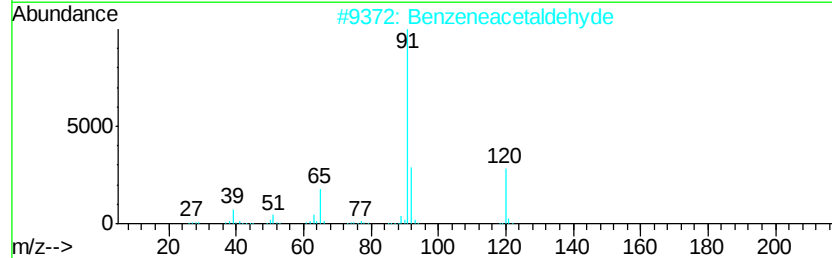
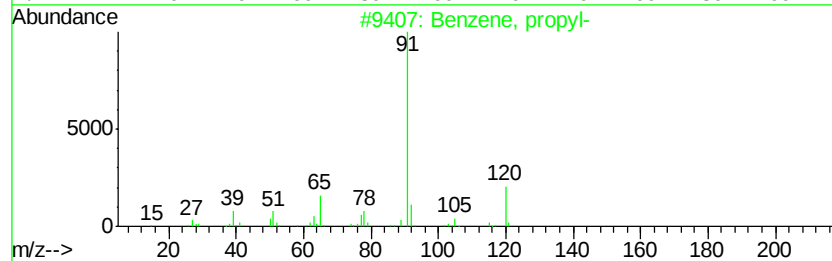
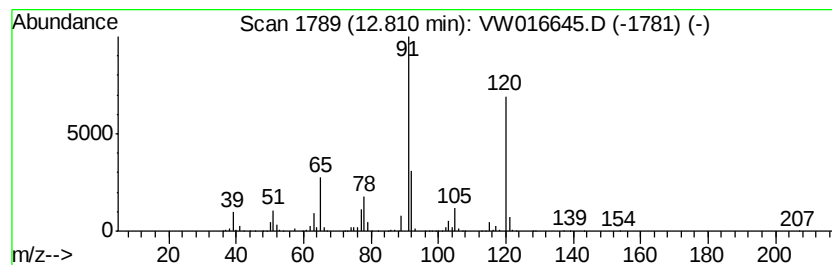
Instrument :
MSVOA_W
ClientSampled :
BG3X1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 25 Benzene, propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.81	303.59 ug/L	66085100	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	87
2	Benzeneacetaldehyde	120	C8H8O	000122-78-1	76
3	Benzene, propyl-	120	C9H12	000103-65-1	74
4	Benzene, propyl-	120	C9H12	000103-65-1	74
5	Benzeneacetaldehyde	120	C8H8O	000122-78-1	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

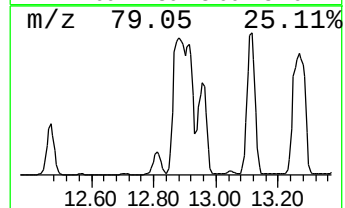
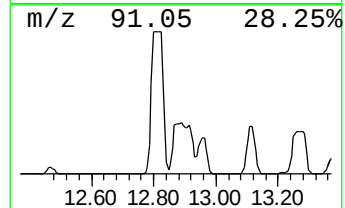
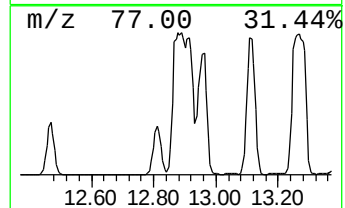
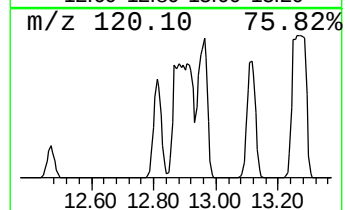
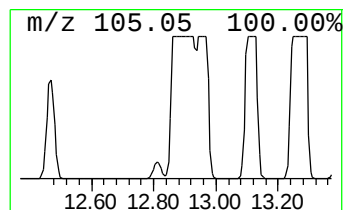
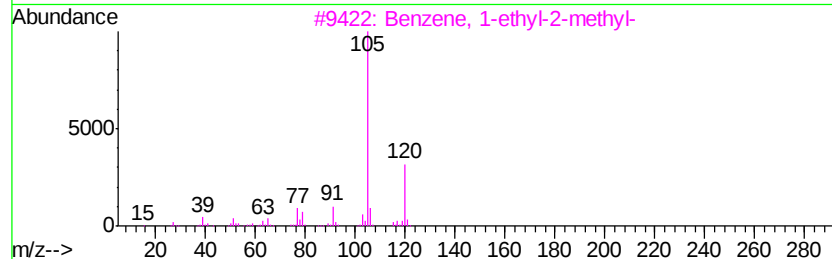
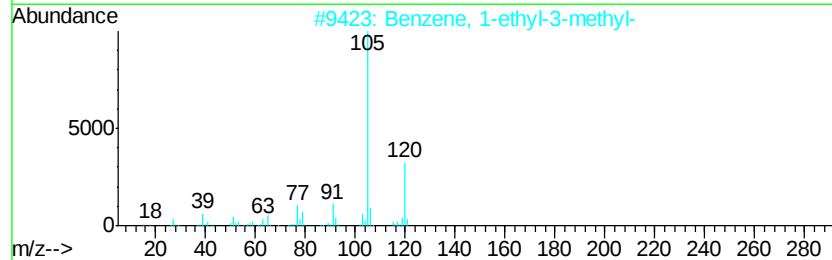
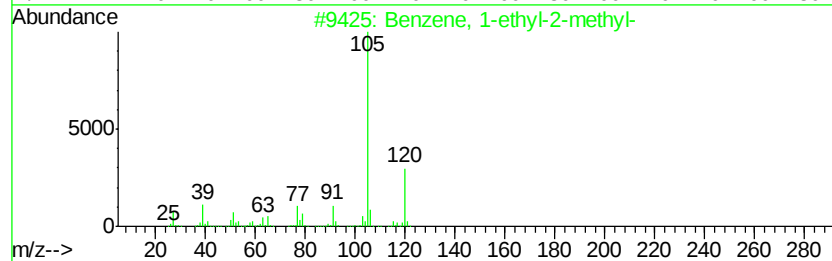
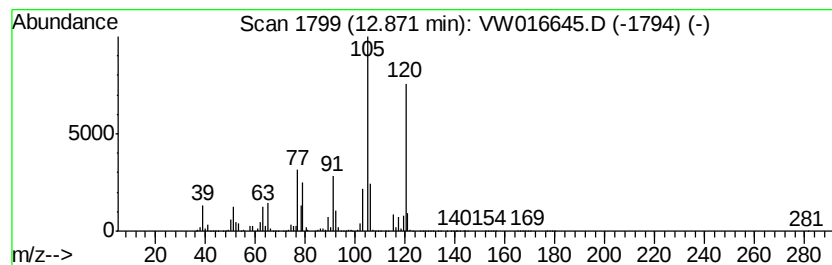
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Quant Title : VOC Analysis

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

Peak Number 26 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	207.40 ug/L	45145700	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
5		1,3-Cyclopentadiene, 5-(1-methyl...	120	C9H12	003141-02-4	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

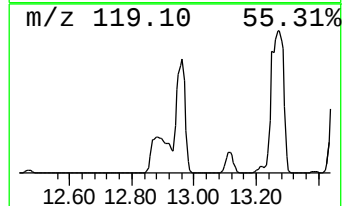
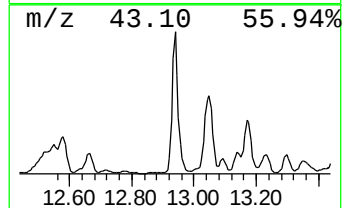
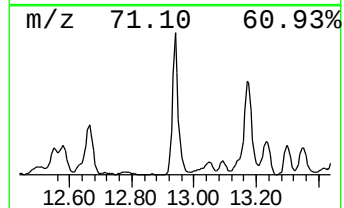
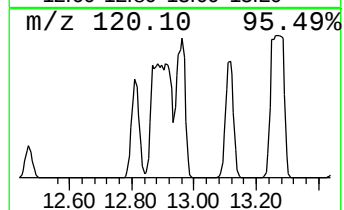
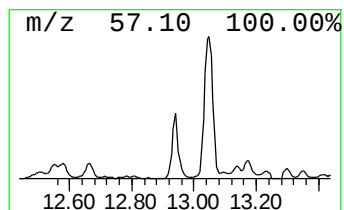
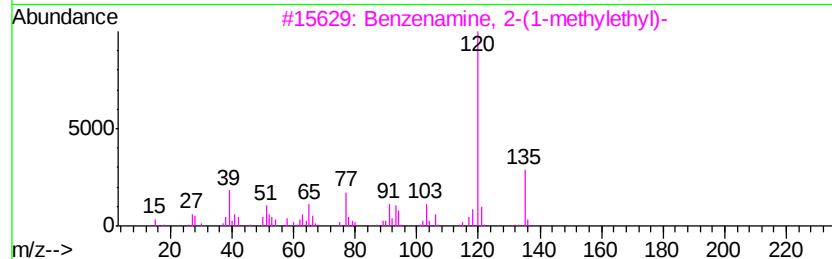
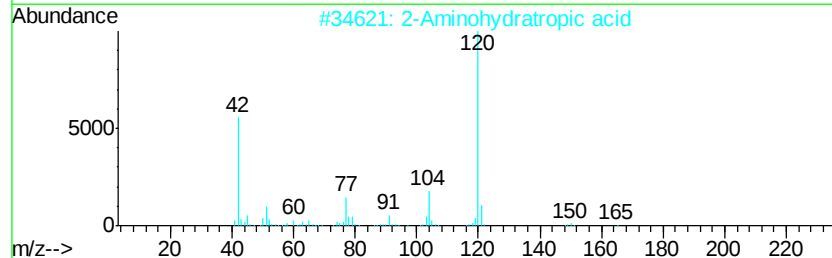
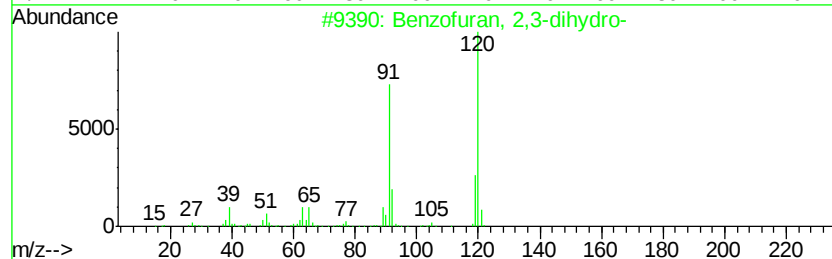
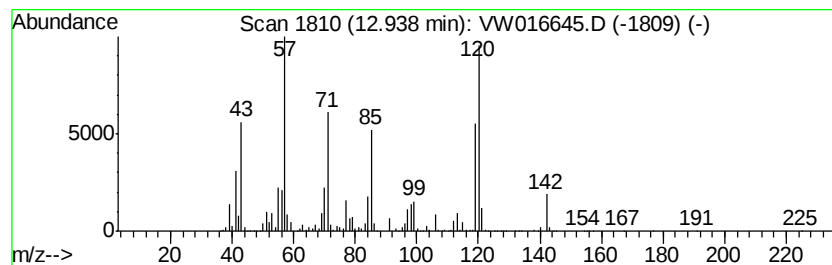
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Quant Title : VOC Analysis

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

Peak Number 27 Benzofuran, 2,3-dihydro- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	75.38 ug/L	16408400	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran, 2,3-dihydro-	120	C8H8O	000496-16-2	38
2		2-Aminohydratropic acid	165	C9H11NO2	000565-07-1	38
3		Benzenamine, 2-(1-methylethyl)-	135	C9H13N	000643-28-7	38
4		Phthalan	120	C8H8O	000496-14-0	38
5		Benzenamine, N-ethyl-N-methyl-	135	C9H13N	000613-97-8	33



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

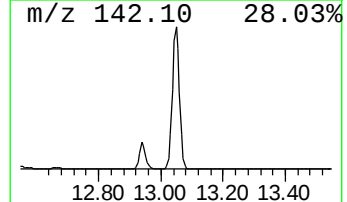
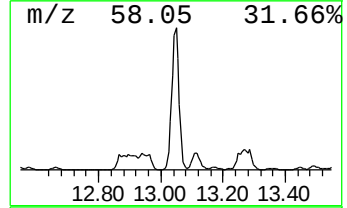
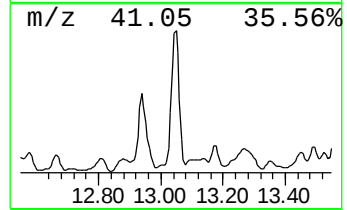
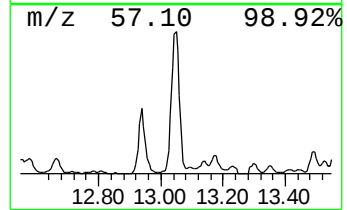
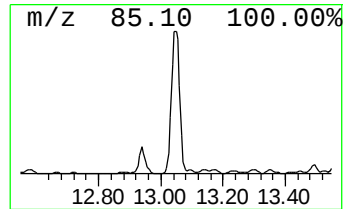
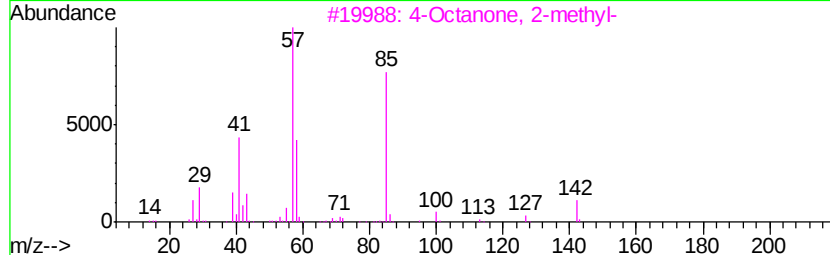
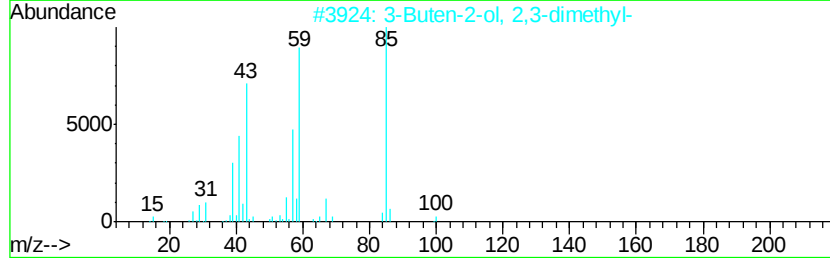
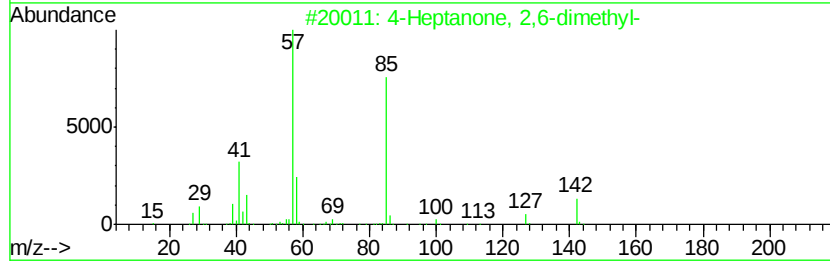
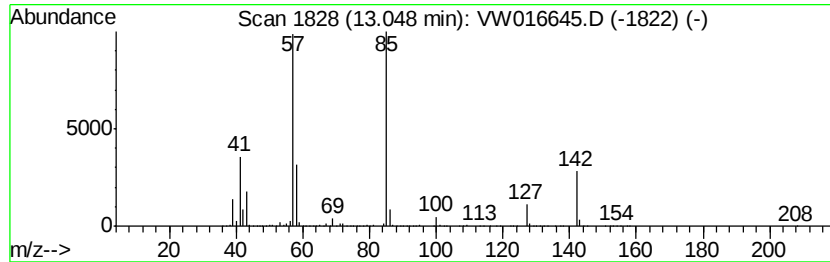
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Quant Title : VOC Analysis

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

Peak Number 29 4-Heptanone, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	257.54 ug/L	56060100	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
2		3-Buten-2-ol, 2,3-dimethyl-	100	C6H12O	010473-13-9	50
3		4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	39
4		2(3H)-Furanone, dihydro-5-propyl-	128	C7H12O2	000105-21-5	38
5		1-Propoxypropan-2-yl 3-methylbut...	202	C11H22O3	1000367-12-6	36



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

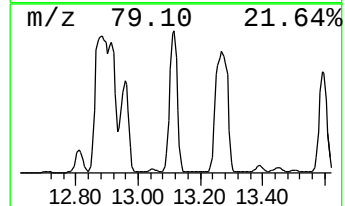
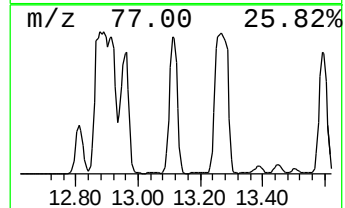
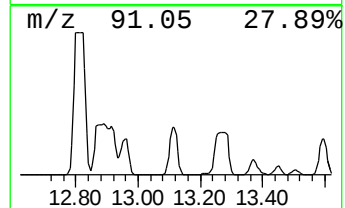
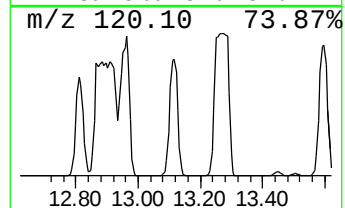
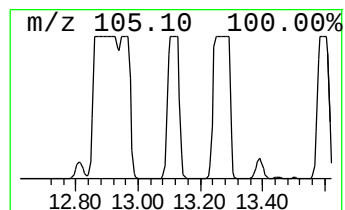
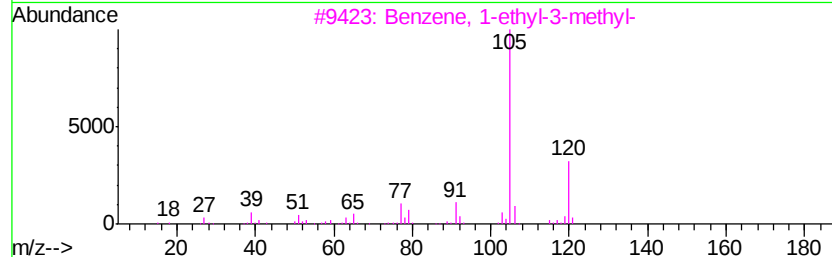
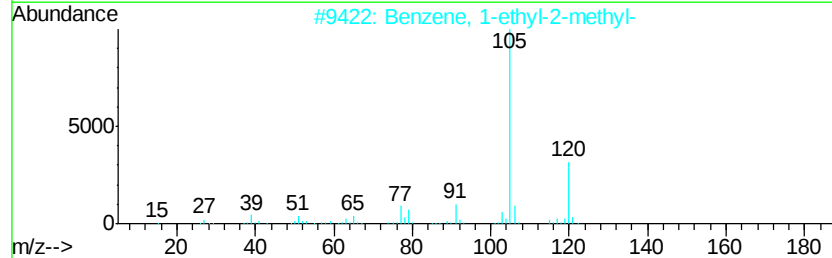
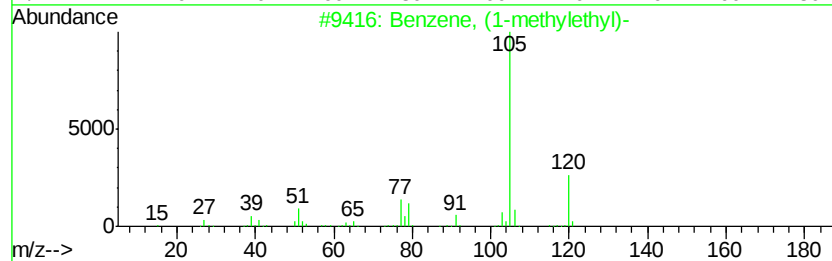
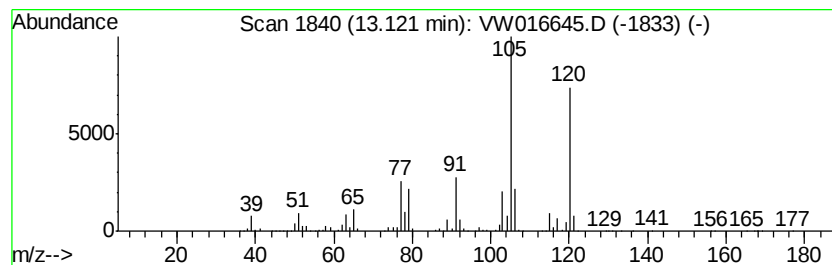
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Quant Title : VOC Analysis

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

Peak Number 30 Benzene, (1-methylethyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	401.51 ug/L	87400200	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	83
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81
5		1,3-Cyclopentadiene, 5-(1-methyl...	120	C9H12	003141-02-4	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

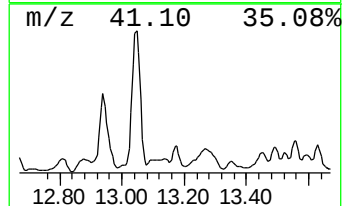
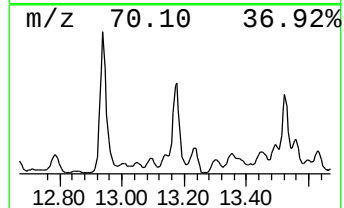
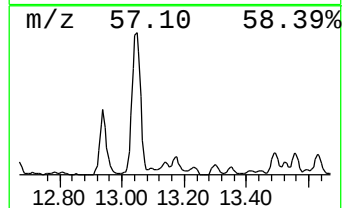
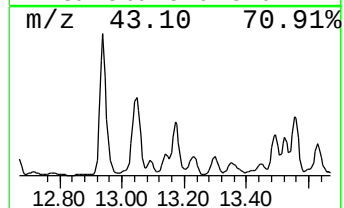
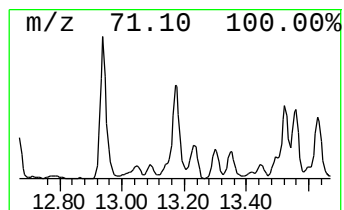
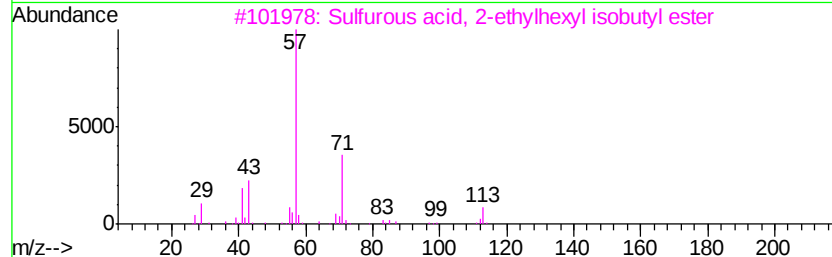
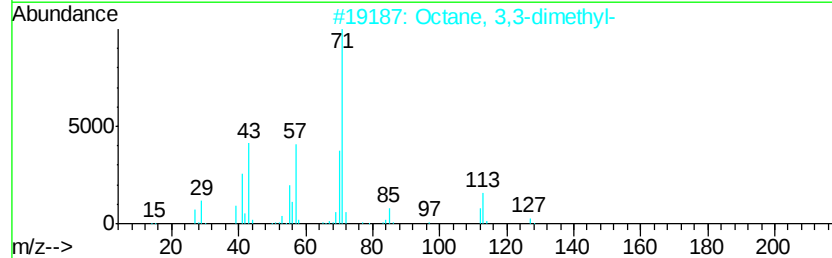
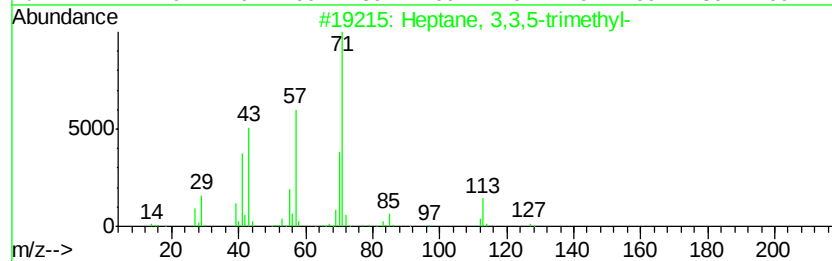
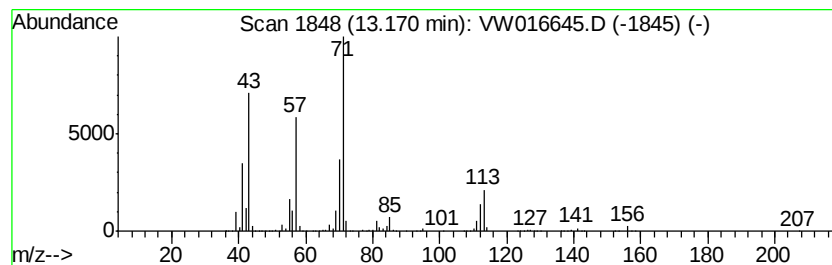
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Quant Title : VOC Analysis

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	37.01 ug/L	8055850	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
2		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
3		Sulfurous acid, 2-ethylhexyl iso...	250	C12H26O3S	1000309-18-7	64
4		Sulfurous acid, octyl 2-pentyl e...	264	C13H28O3S	1000309-15-7	59
5		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

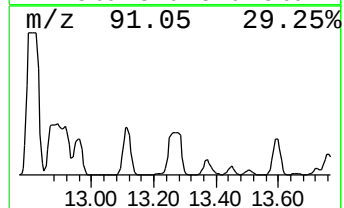
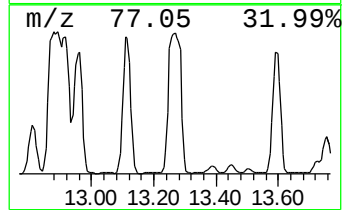
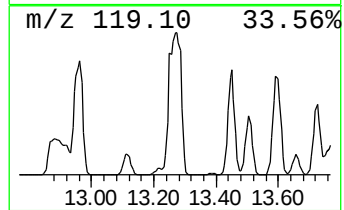
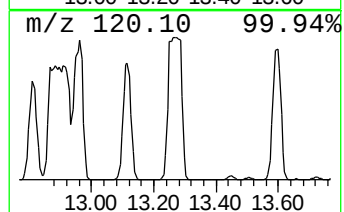
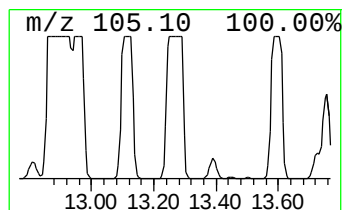
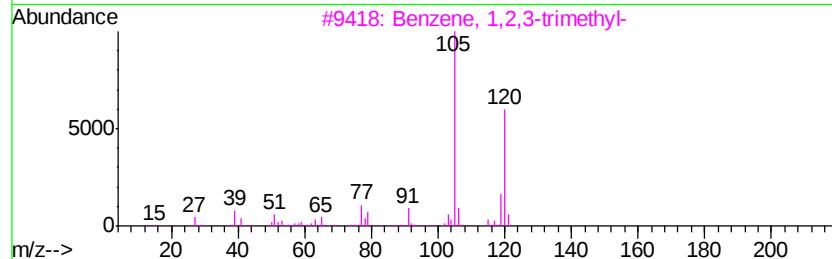
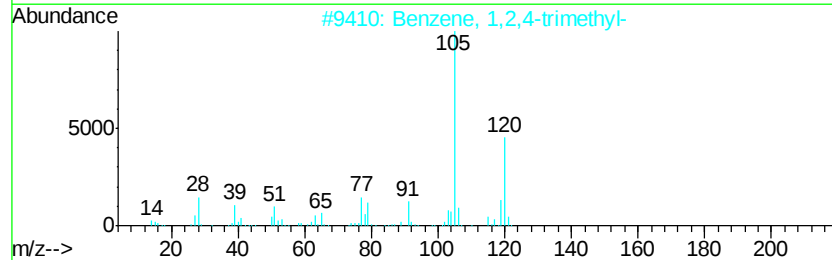
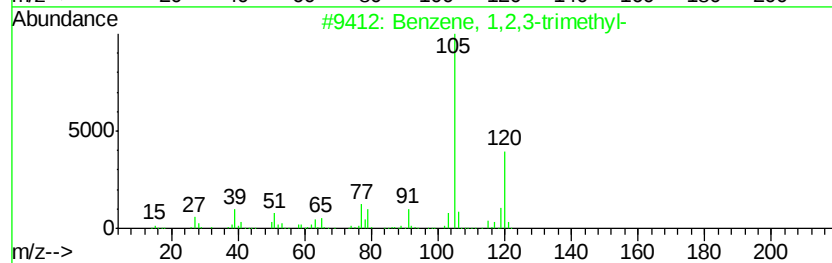
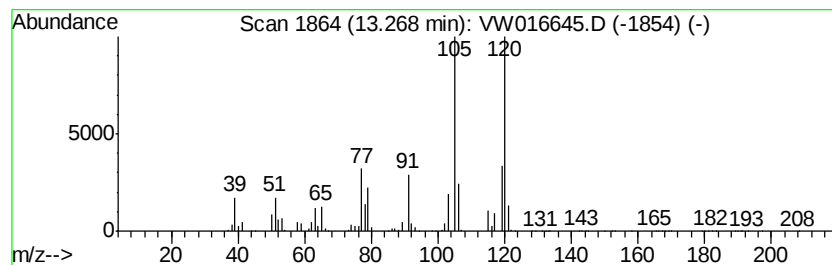
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Quant Title : VOC Analysis

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

Peak Number 32 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	550.62 ug/L	119858000	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	83
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

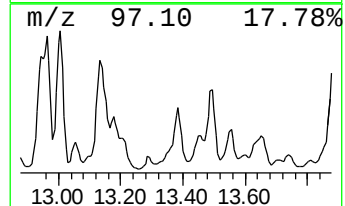
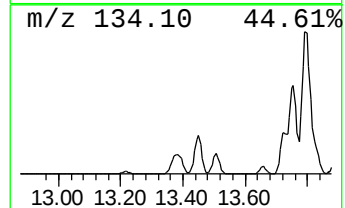
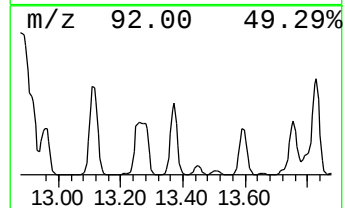
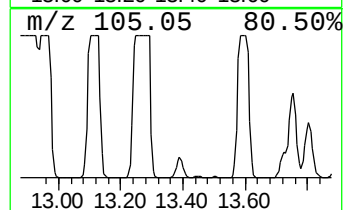
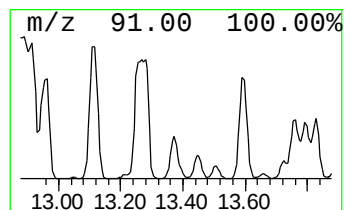
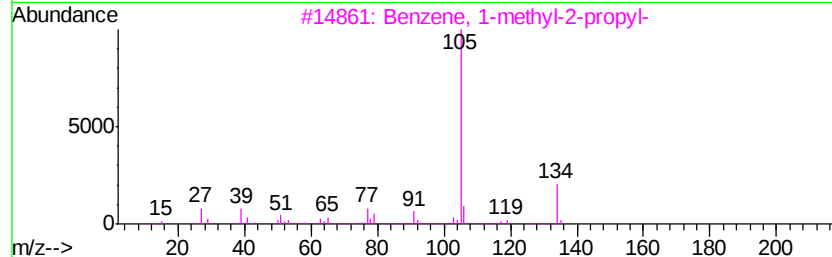
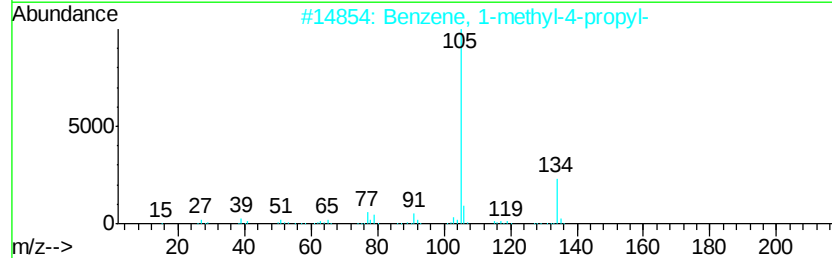
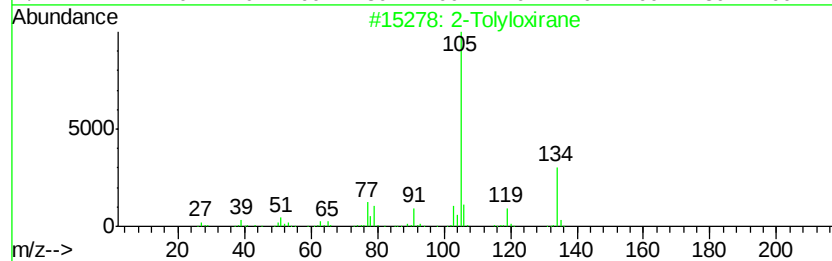
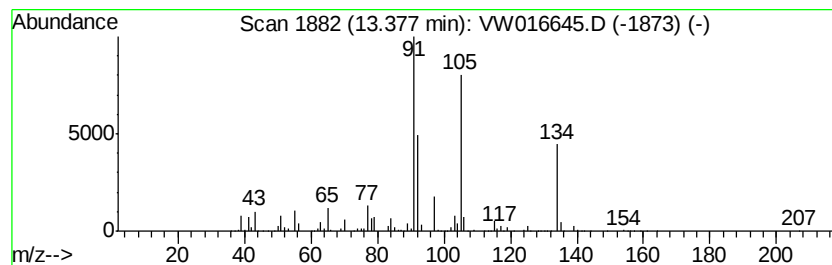
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Quant Title : VOC Analysis

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

Peak Number 33 2-Tolyloxirane Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	46.46 ug/L	10113100	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Tolyloxirane	134	C9H10O	002783-26-8	64
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	49
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	47
4		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	47
5		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

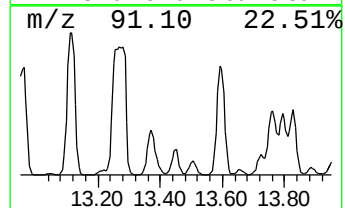
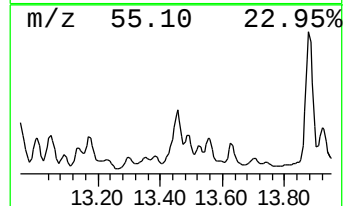
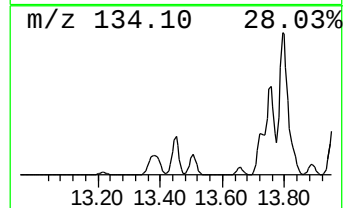
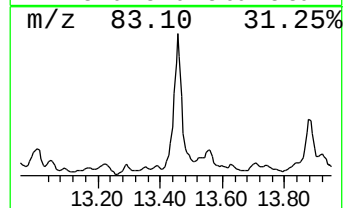
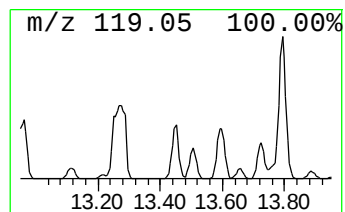
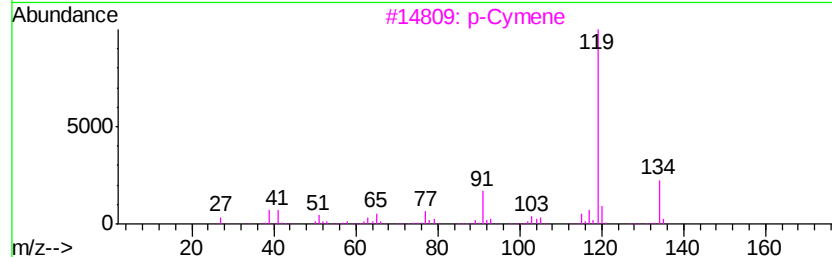
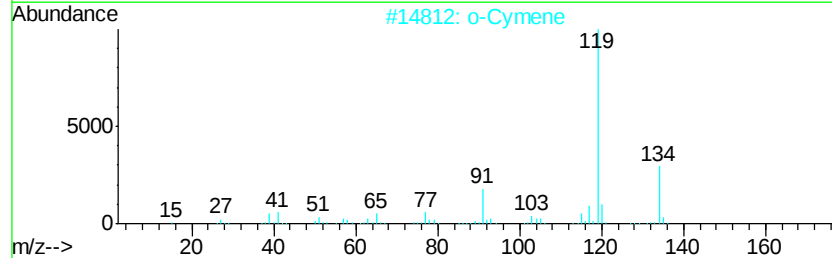
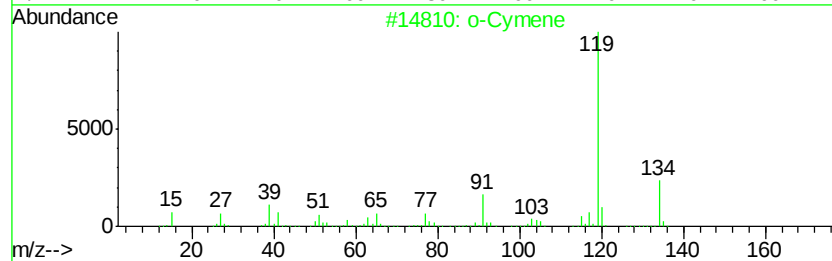
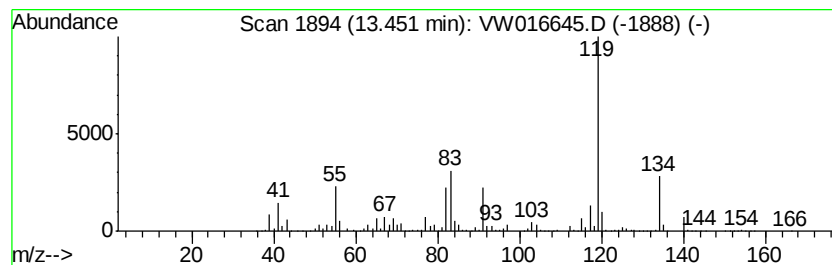
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Quant Title : VOC Analysis

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

Peak Number 34 o-Cymene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	71.47 ug/L	15558400	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	95
2		o-Cymene	134	C10H14	000527-84-4	95
3		p-Cymene	134	C10H14	000099-87-6	95
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	92
5		o-Cymene	134	C10H14	000527-84-4	92



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

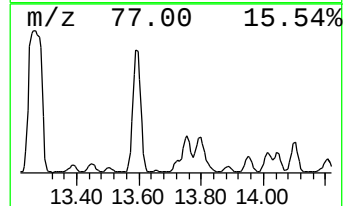
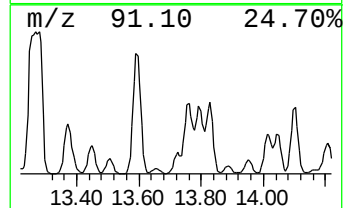
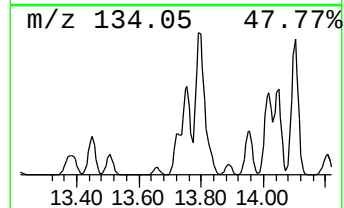
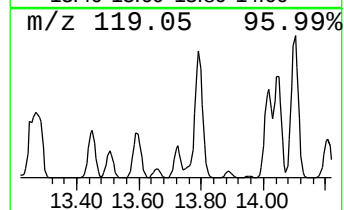
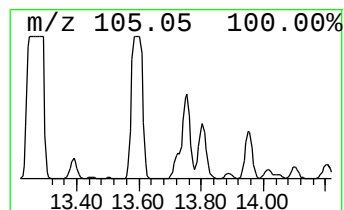
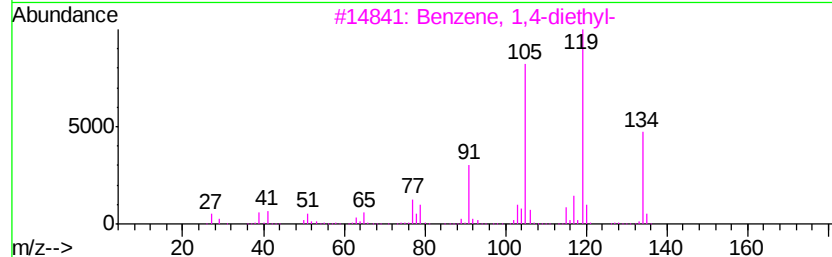
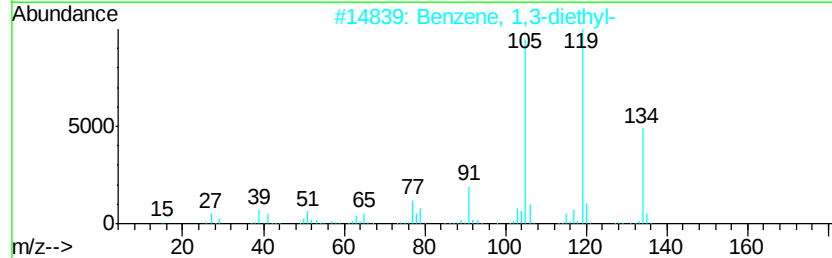
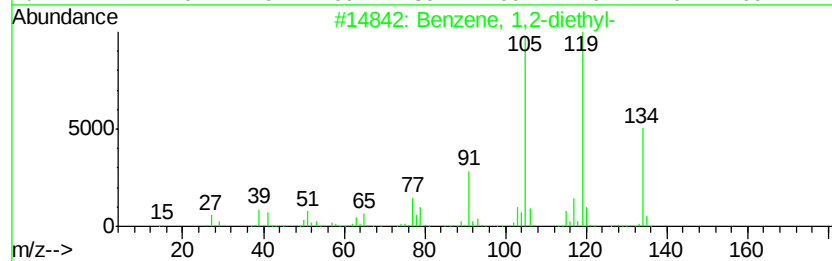
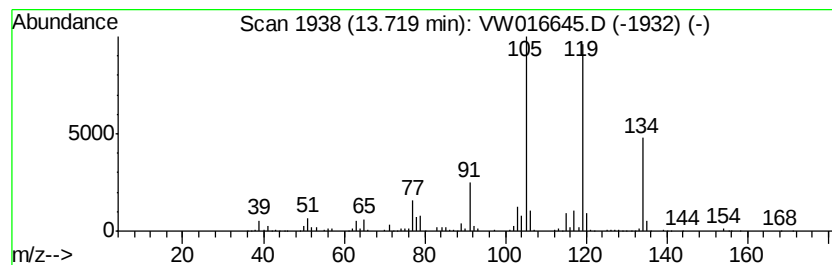
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Quant Title : VOC Analysis

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

Peak Number 35 Benzene, 1,2-diethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	41.76 ug/L	9089600	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
5		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

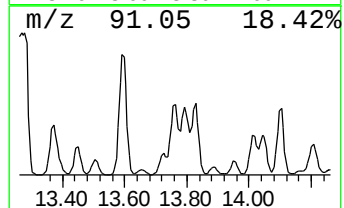
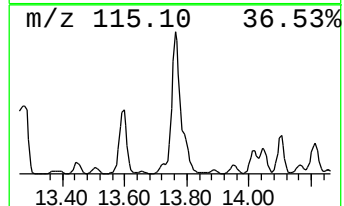
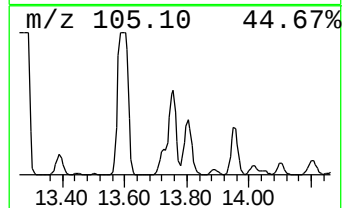
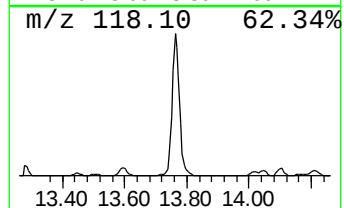
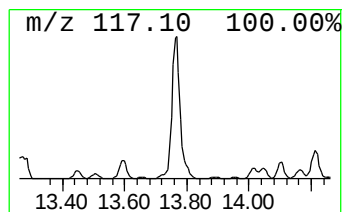
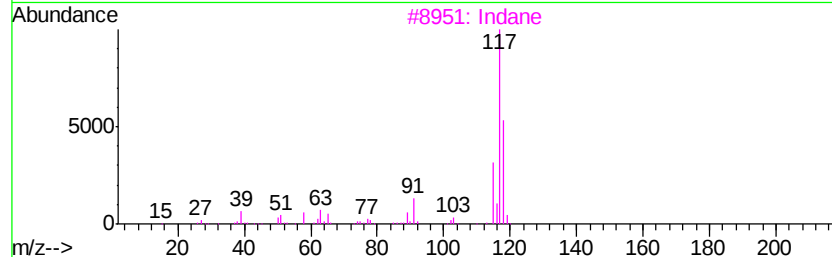
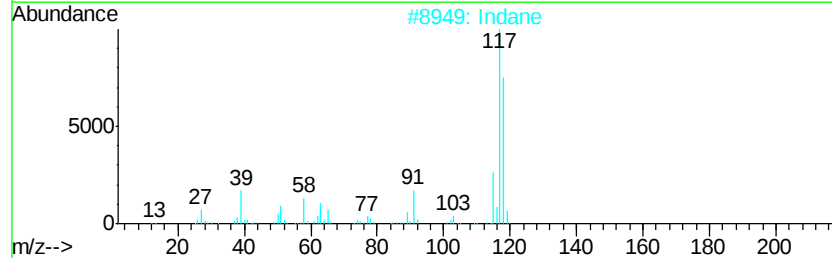
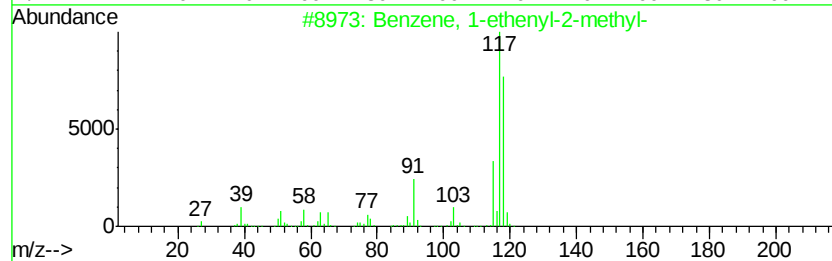
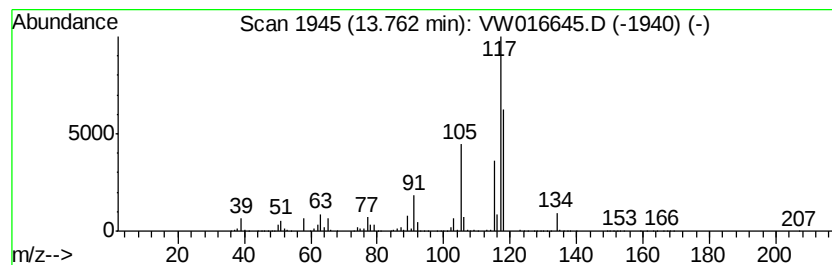
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Quant Title : VOC Analysis

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

Peak Number 36 Benzene, 1-ethenyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	212.90 ug/L	46344700	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	76
2		Indane	118	C9H10	000496-11-7	76
3		Indane	118	C9H10	000496-11-7	70
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
5		Benzene, 1-propenyl-	118	C9H10	000637-50-3	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

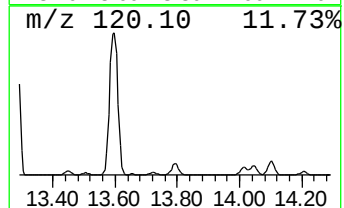
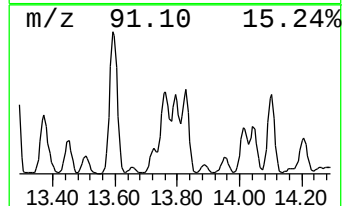
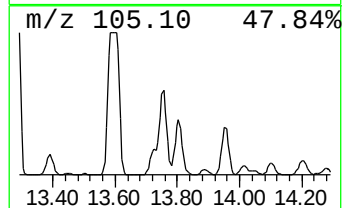
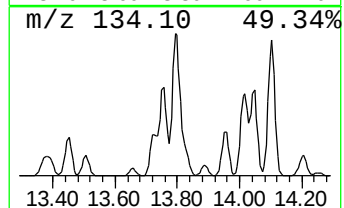
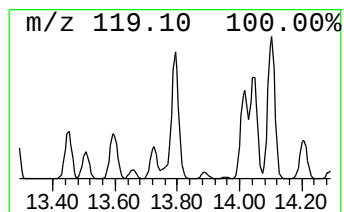
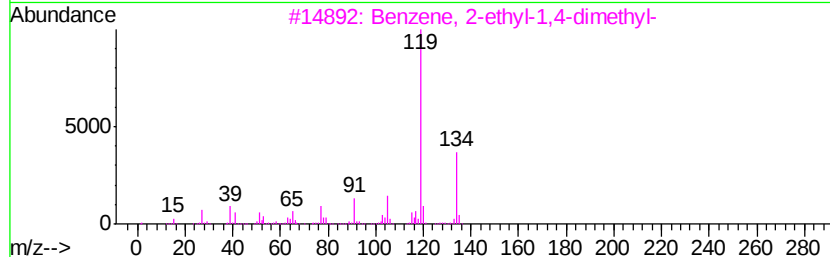
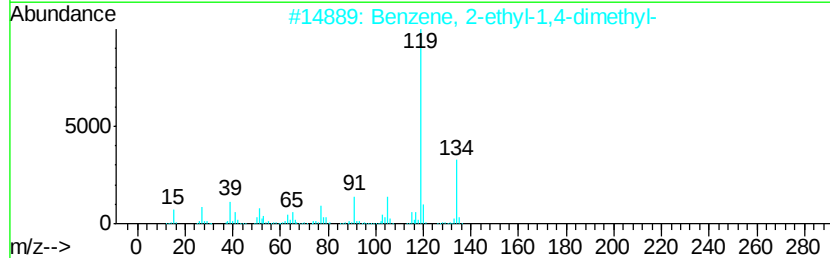
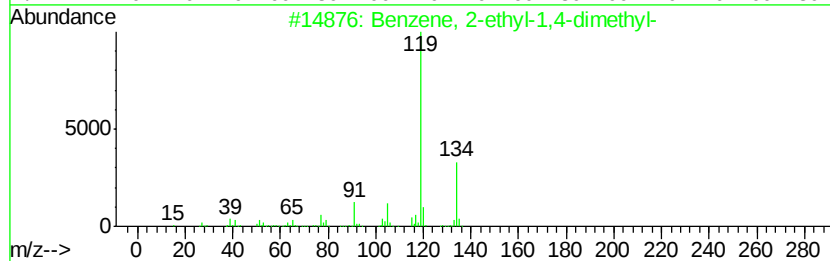
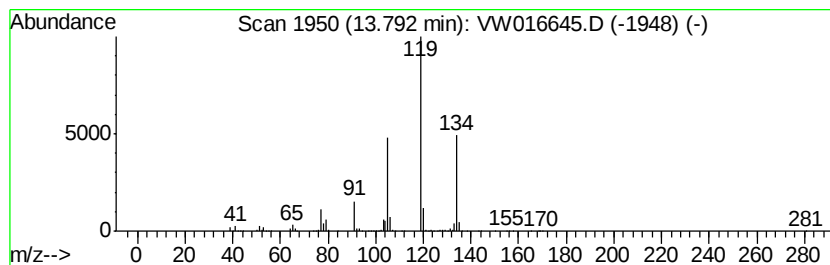
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Quant Title : VOC Analysis

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

Peak Number 37 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	146.70 ug/L	31934500	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

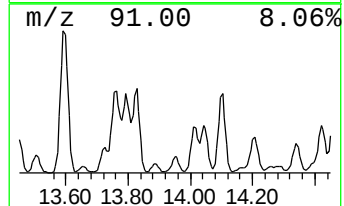
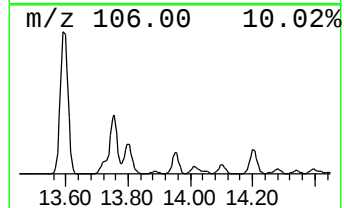
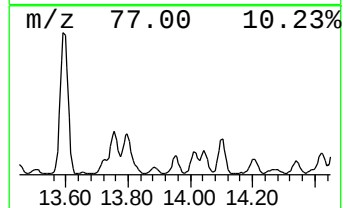
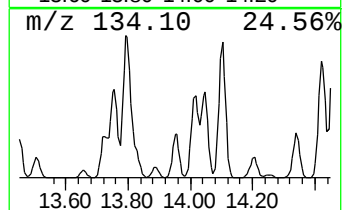
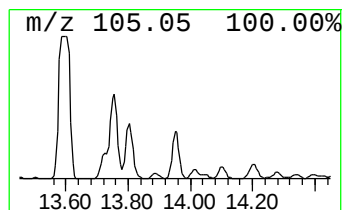
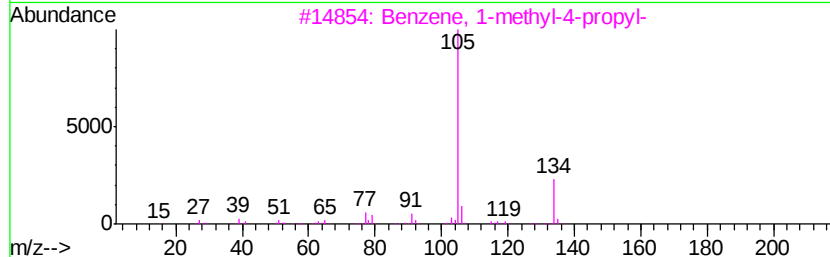
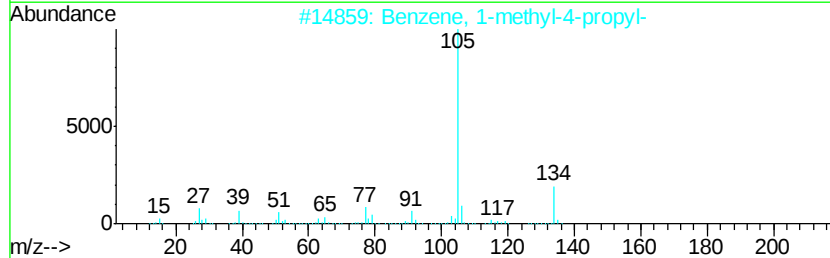
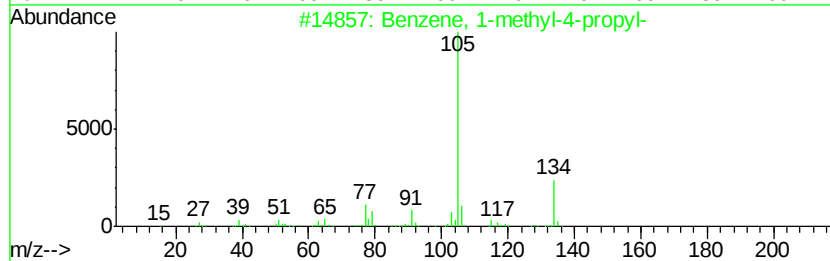
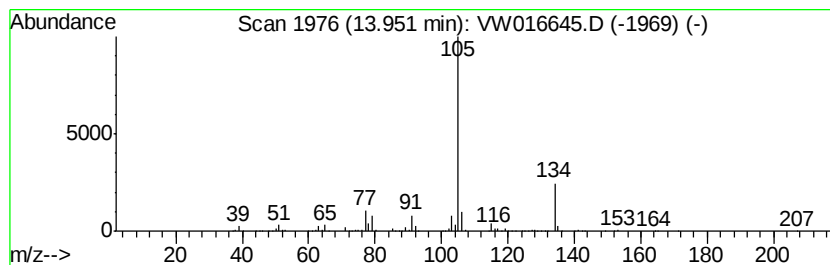
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Quant Title : VOC Analysis

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

Peak Number 38 Benzene, 1-methyl-4-propyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	44.67 ug/L	9724540	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	90
4		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
5		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

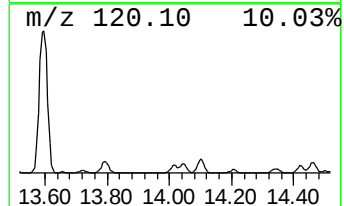
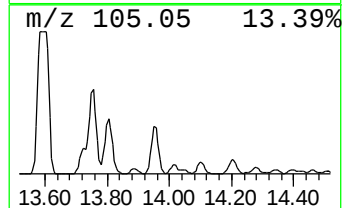
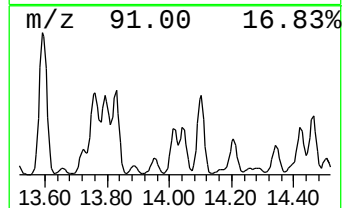
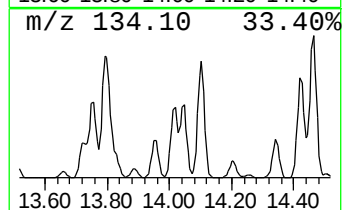
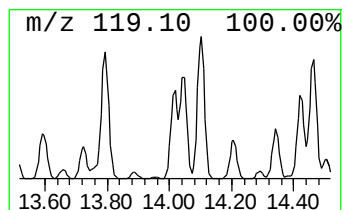
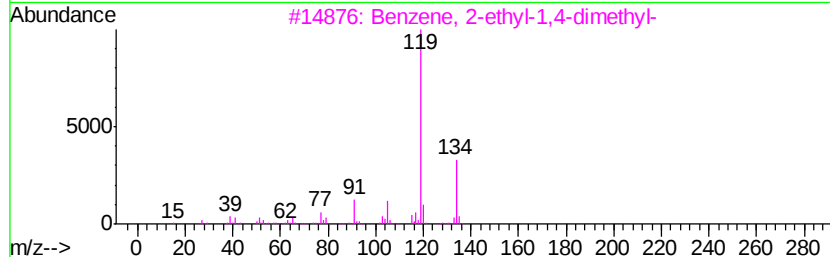
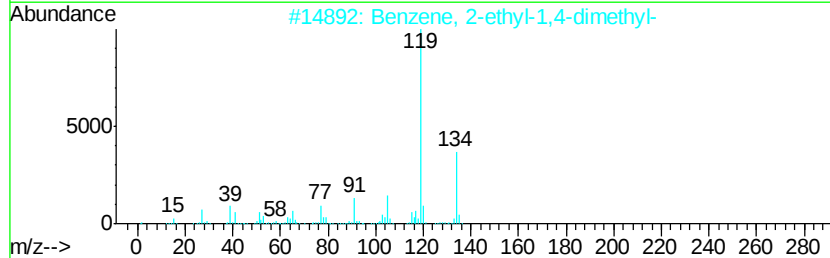
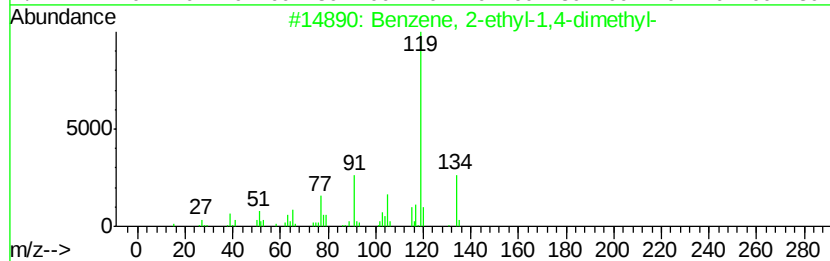
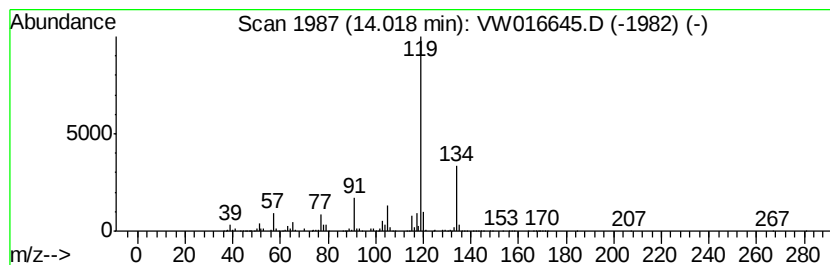
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Quant Title : VOC Analysis

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

Peak Number 39 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	85.48 ug/L	18607500	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	96
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

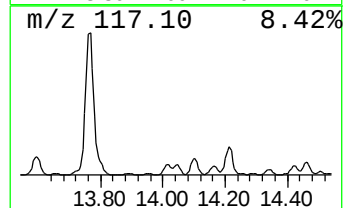
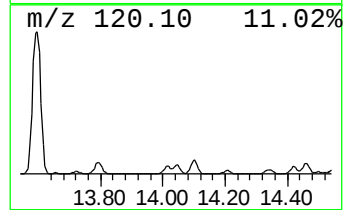
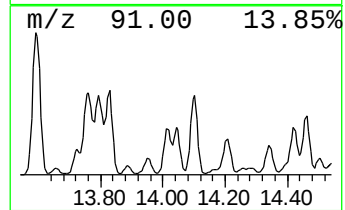
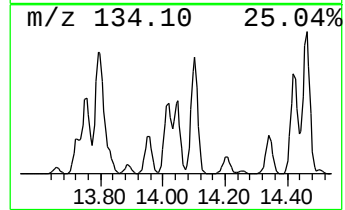
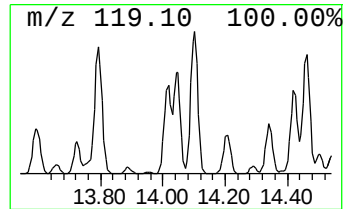
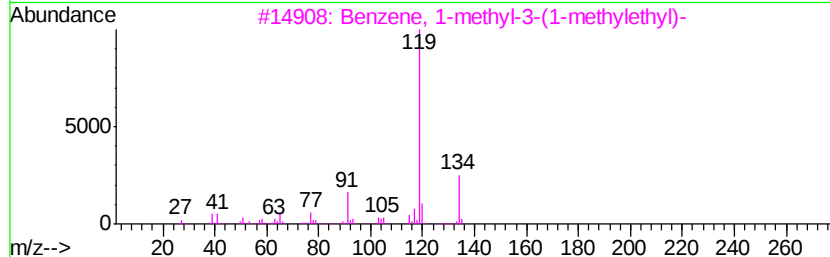
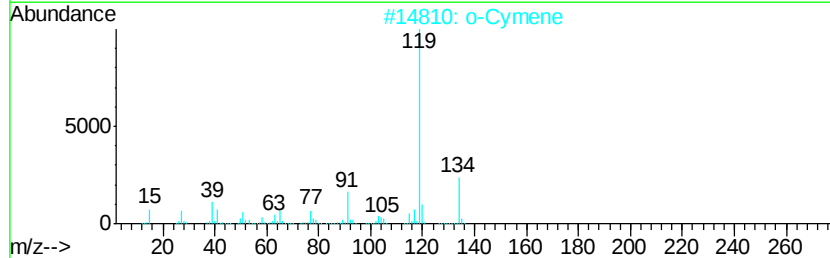
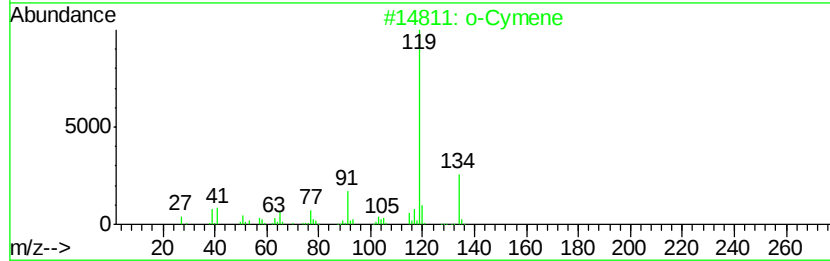
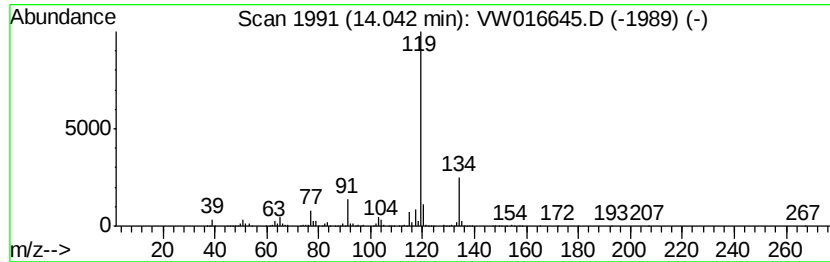
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Quant Title : VOC Analysis

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

Peak Number 40 Benzene, 1-methyl-3-(1-meth... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	75.19 ug/L	16367400	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	97
2		o-Cymene	134	C10H14	000527-84-4	97
3		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

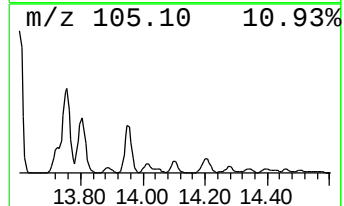
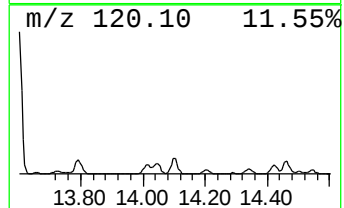
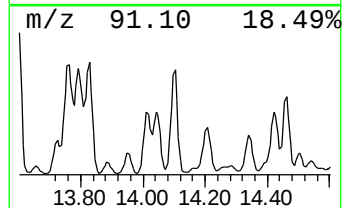
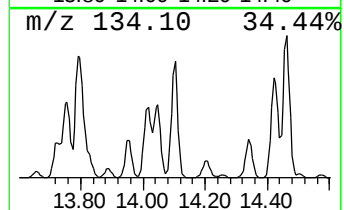
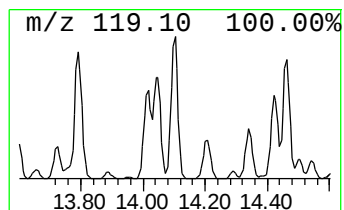
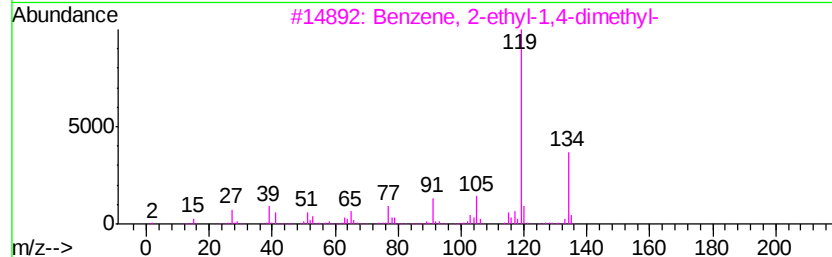
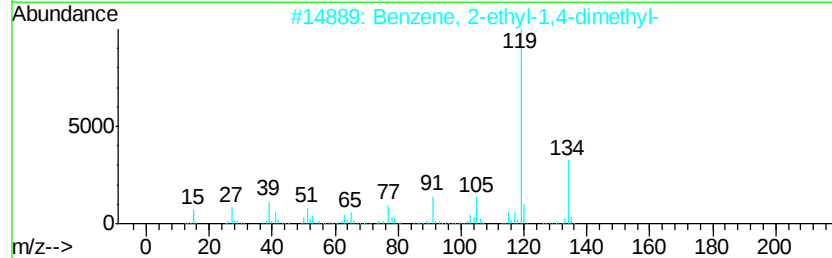
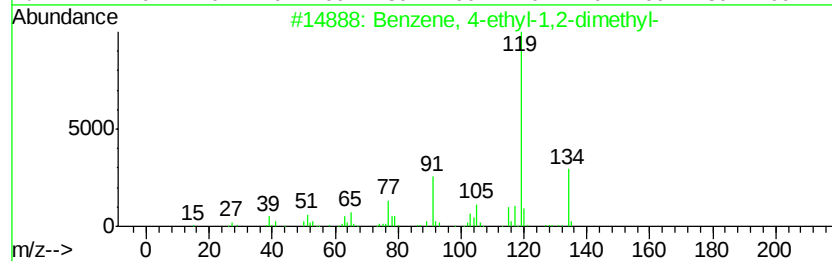
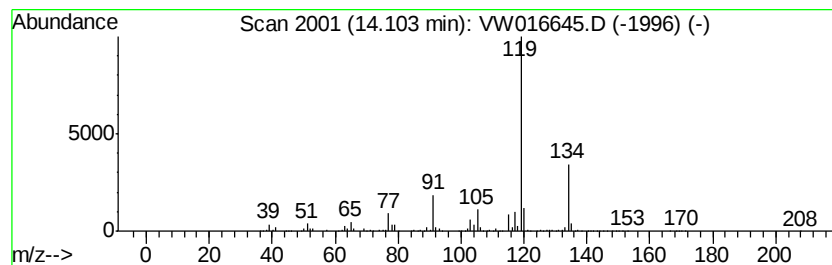
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Quant Title : VOC Analysis

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

Peak Number 41 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	114.30 ug/L	24879600	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5		o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

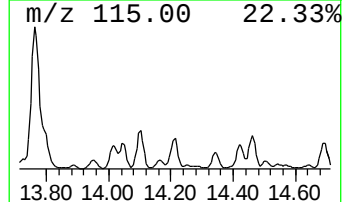
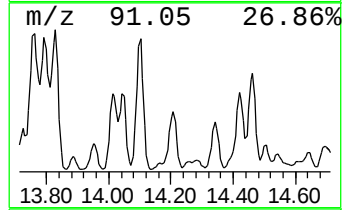
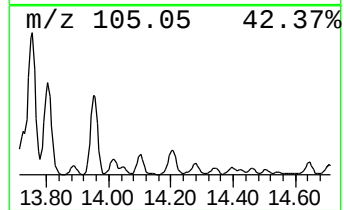
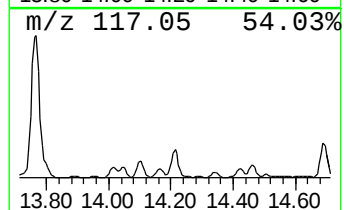
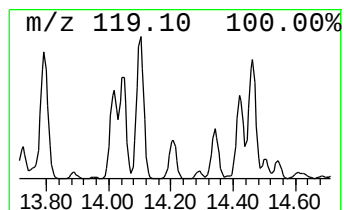
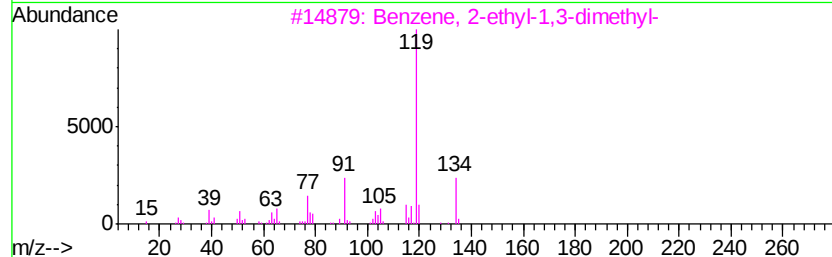
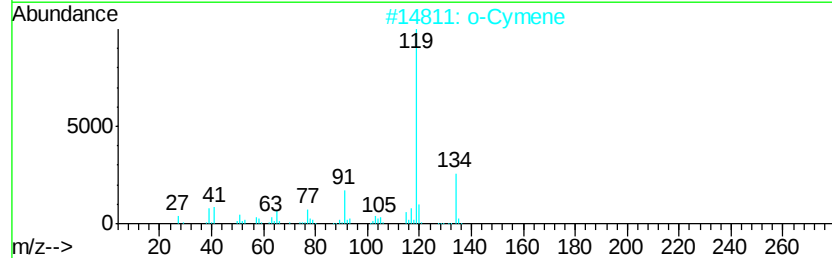
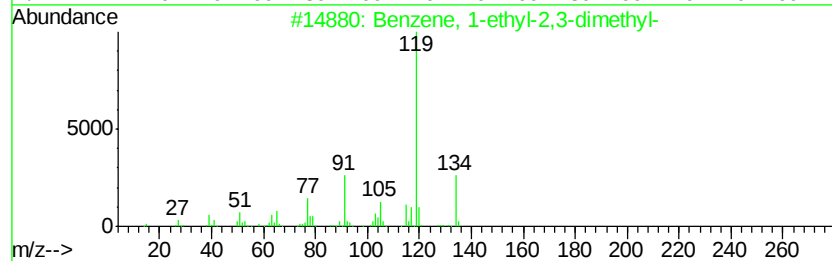
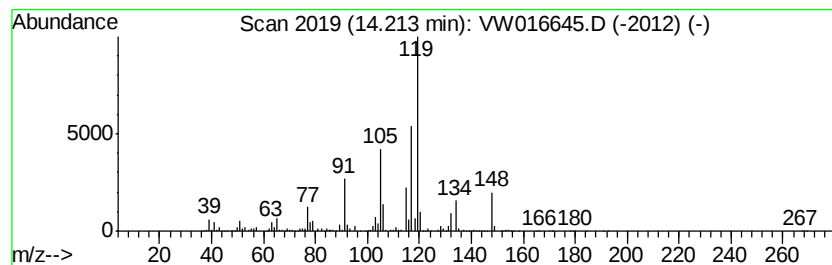
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Quant Title : VOC Analysis

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

Peak Number 42 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	62.89 ug/L	13689400	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
2		o-Cymene	134	C10H14	000527-84-4	64
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
4		1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	62
5		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

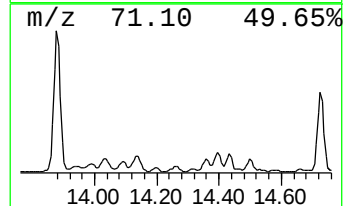
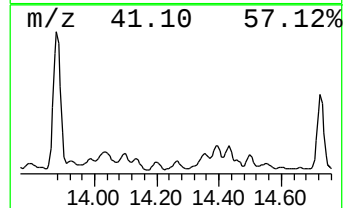
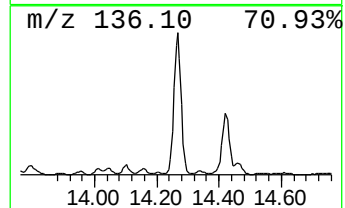
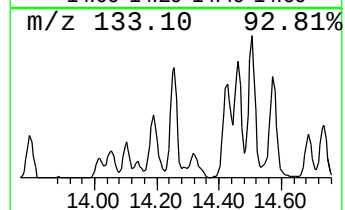
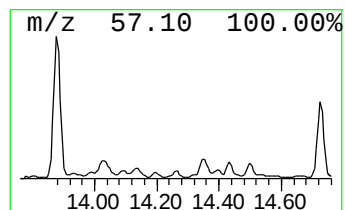
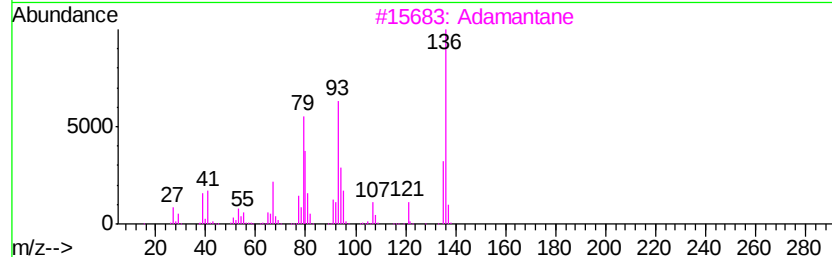
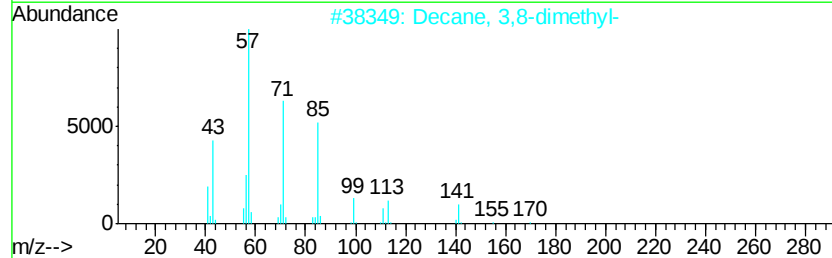
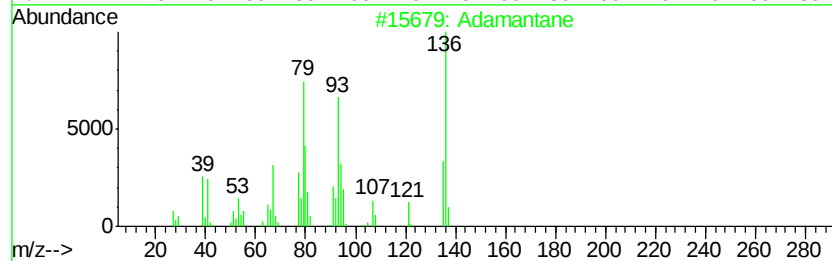
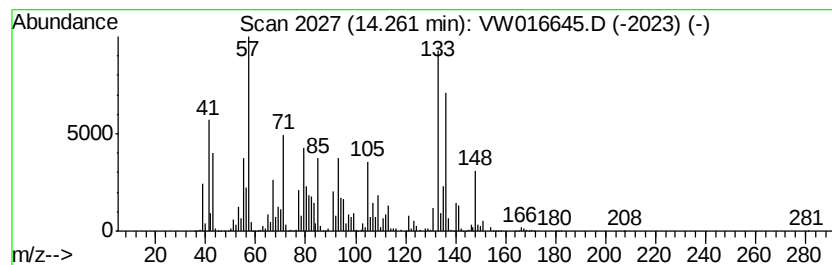
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Quant Title : VOC Analysis

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

Peak Number 43 Adamantane Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	28.57 ug/L	6219160	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Adamantane	136	C10H16	000281-23-2	86
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	59
3		Adamantane	136	C10H16	000281-23-2	42
4		Phenol, 2-(2-methyl-2-propenyl)-	148	C10H12O	020944-88-1	35
5		Adamantane	136	C10H16	000281-23-2	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

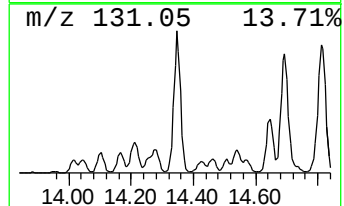
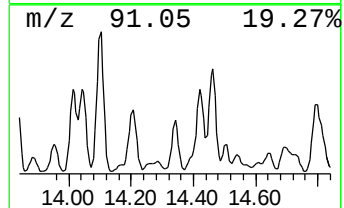
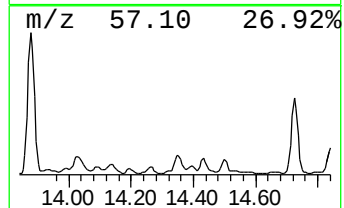
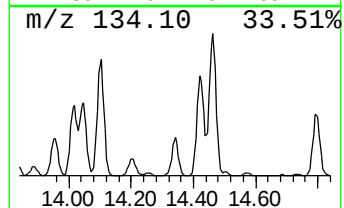
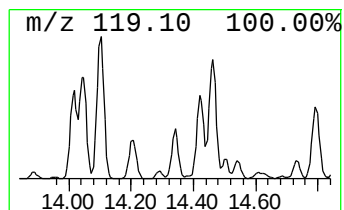
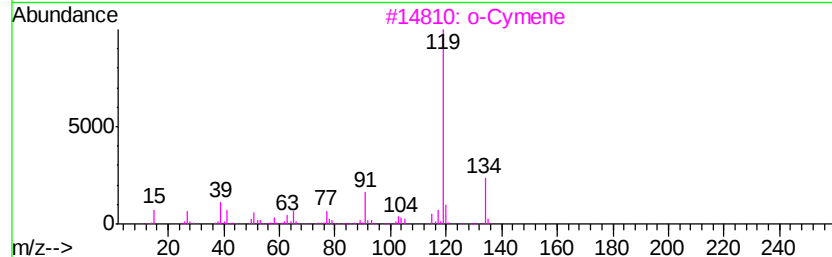
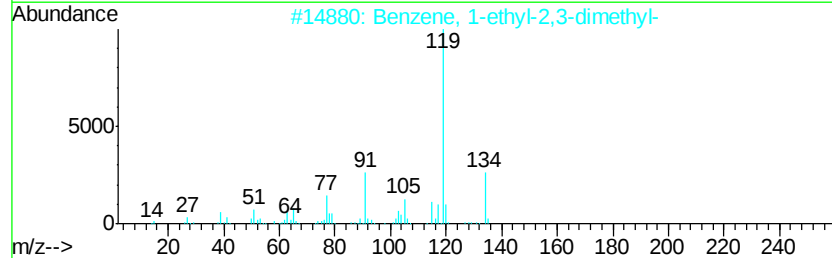
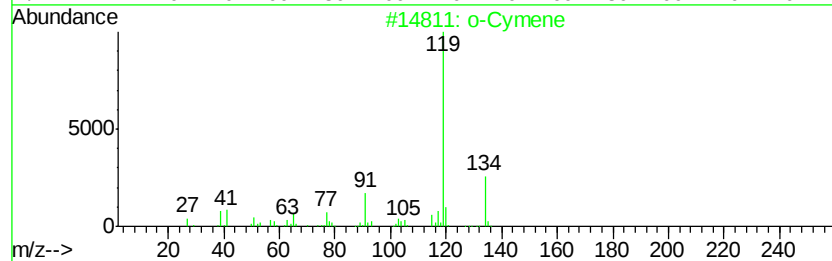
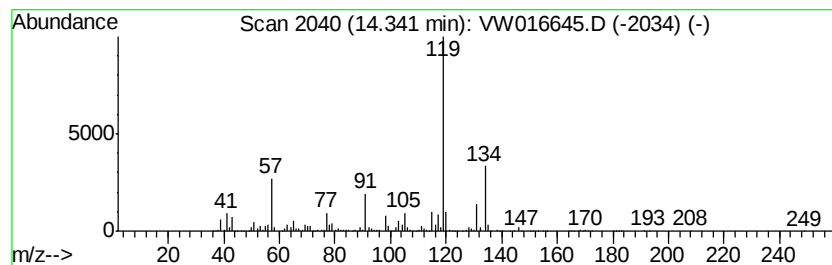
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Quant Title : VOC Analysis

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

Peak Number 44 unknown-03 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	74.97 ug/L	16320200	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	95
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3		o-Cymene	134	C10H14	000527-84-4	94
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

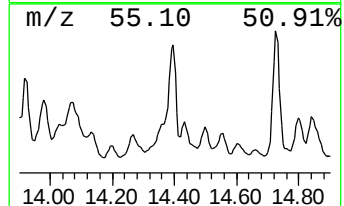
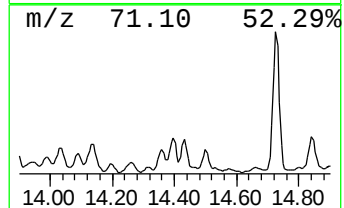
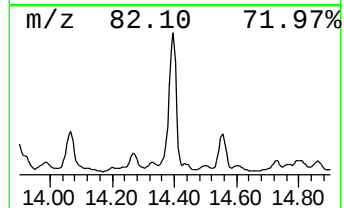
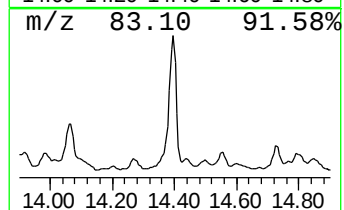
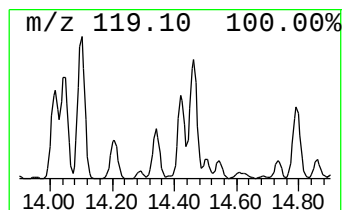
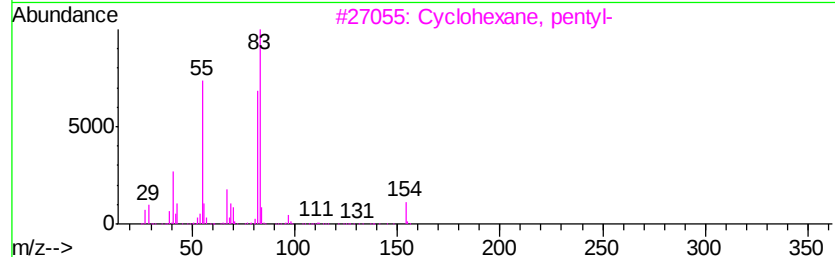
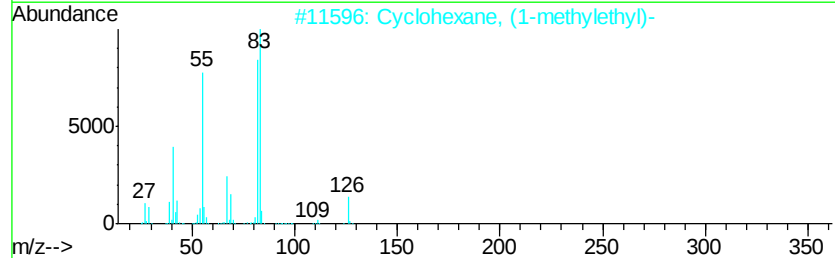
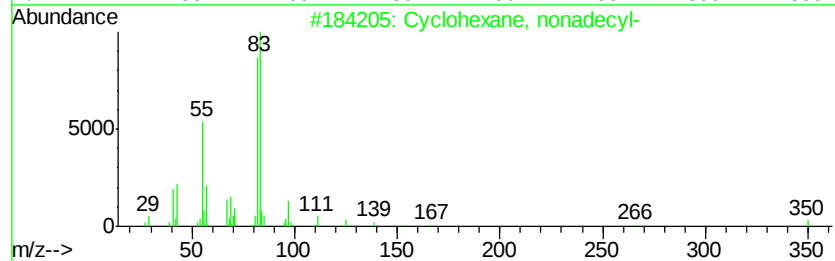
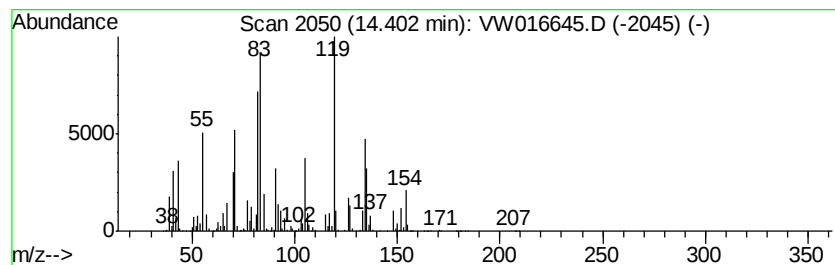
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Quant Title : VOC Analysis

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

Peak Number 45 (DEL) Alkane: Cyclic14.40 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	39.45 ug/L	8587260	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	43
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38
5		(E)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	1000373-74-1	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

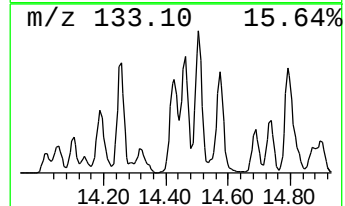
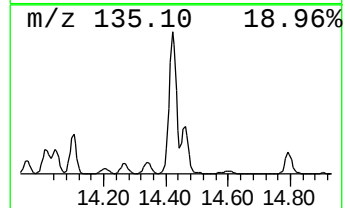
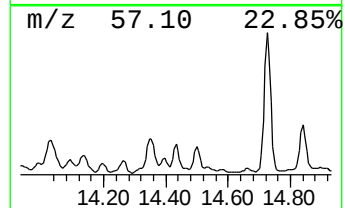
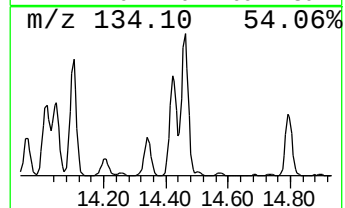
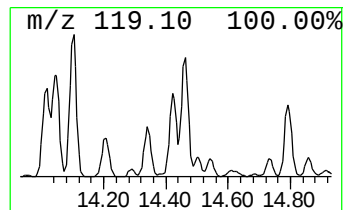
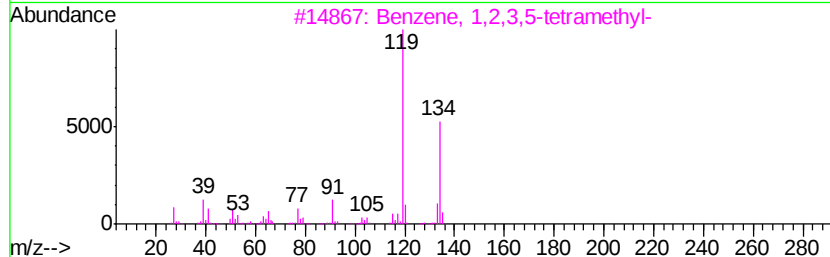
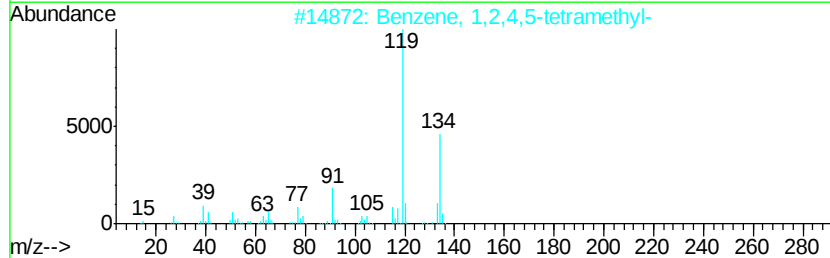
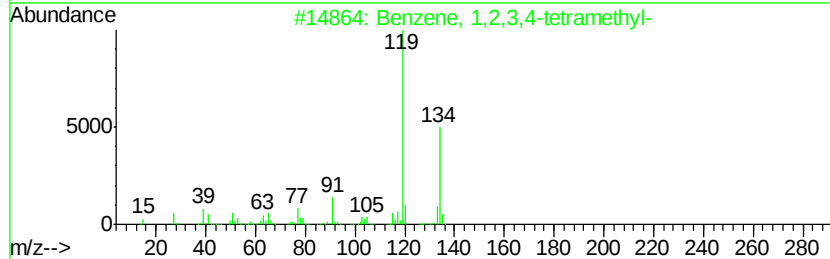
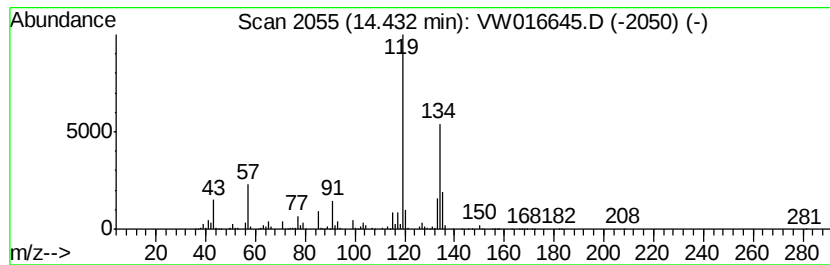
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Quant Title : VOC Analysis

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

Peak Number 46 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	100.01 ug/L	21769800	1,4-Dichlorobenzene-d4	13.56

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

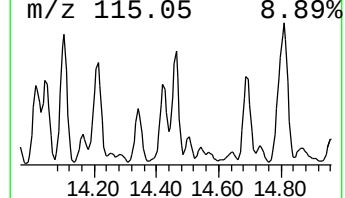
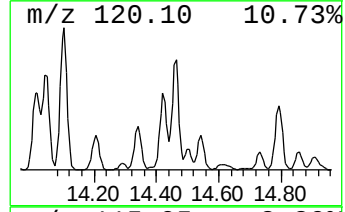
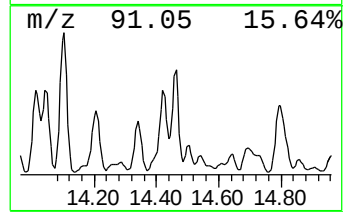
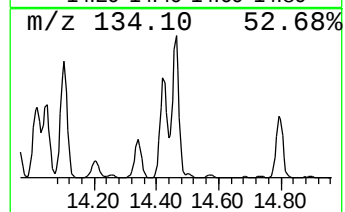
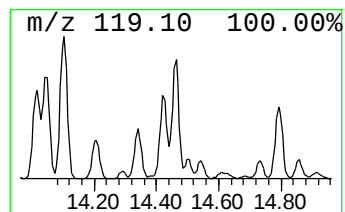
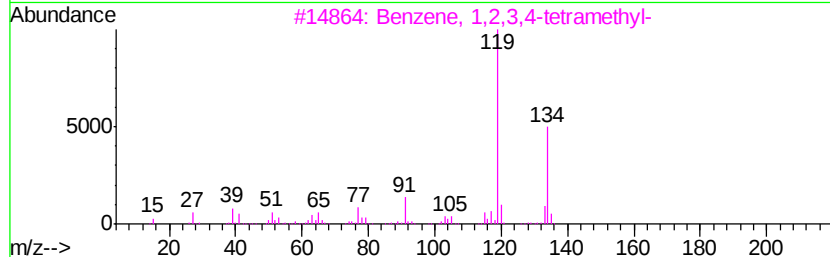
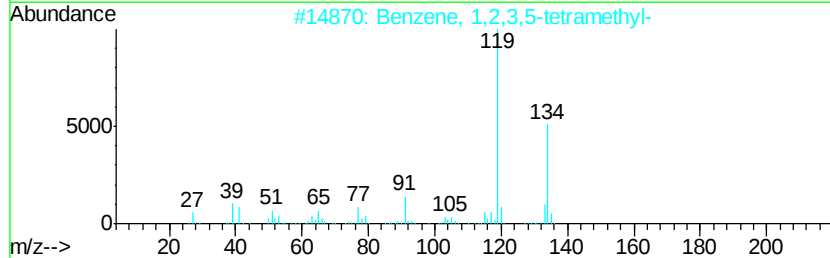
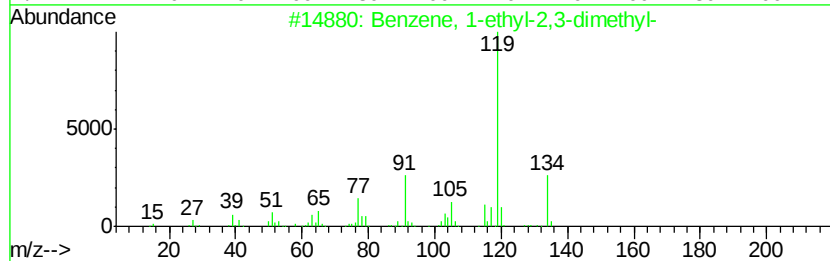
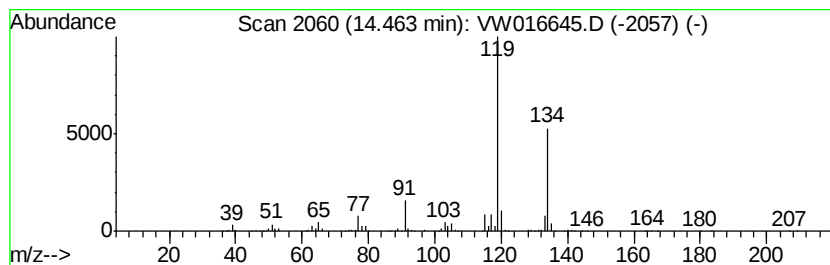
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 47 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	78.61 ug/L	17111100	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
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, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

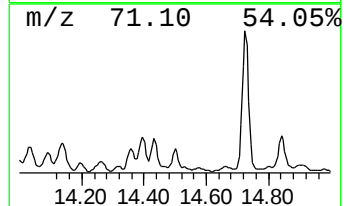
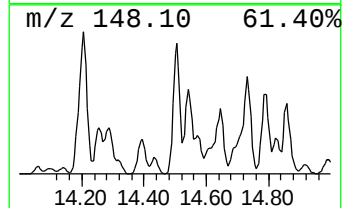
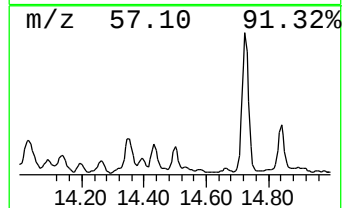
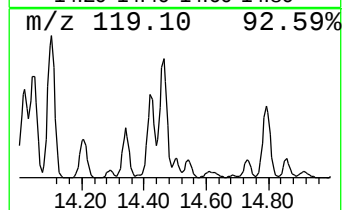
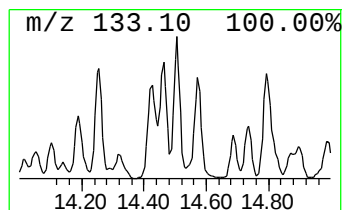
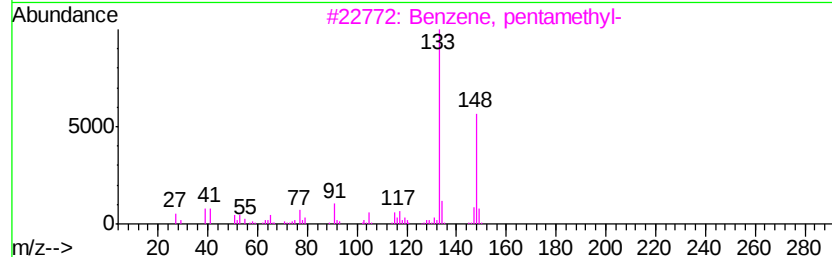
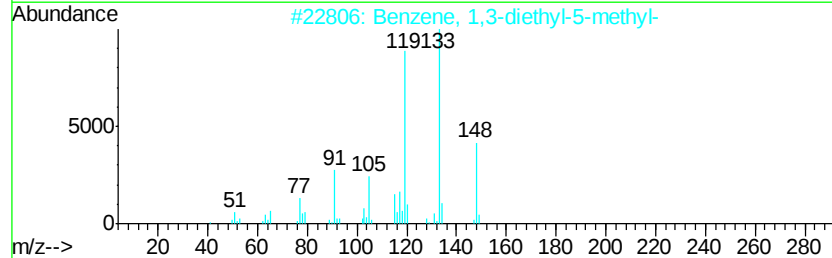
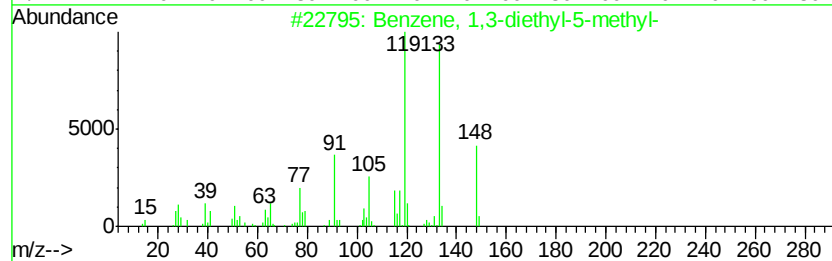
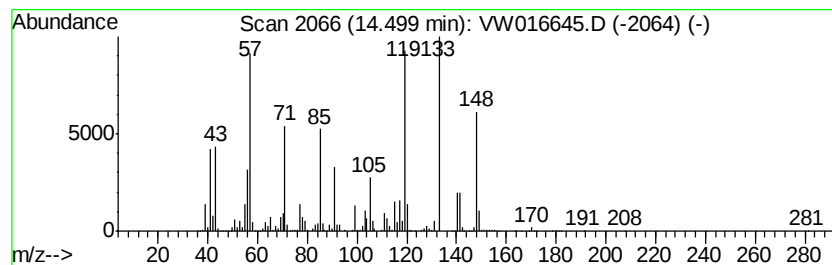
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Quant Title : VOC Analysis

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

Peak Number 48 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	23.74 ug/L	5167240	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	83
2		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	83
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	42
4		Benzene, 1,3-dimethyl-5-(1-methyl-...	148	C11H16	004706-90-5	42
5		Undecane, 3-methyl-	170	C12H26	001002-43-3	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

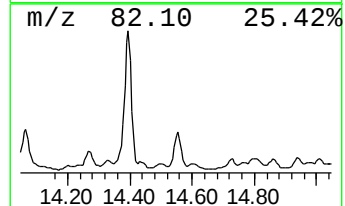
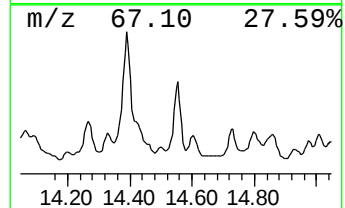
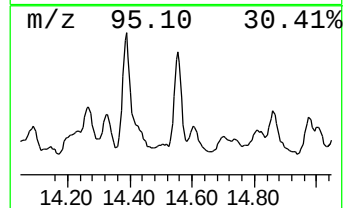
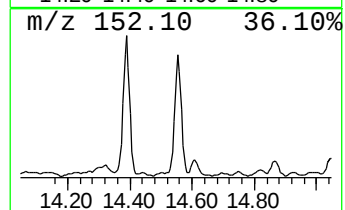
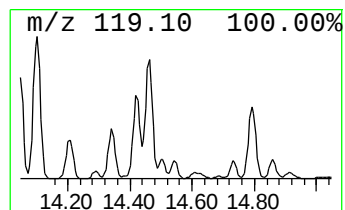
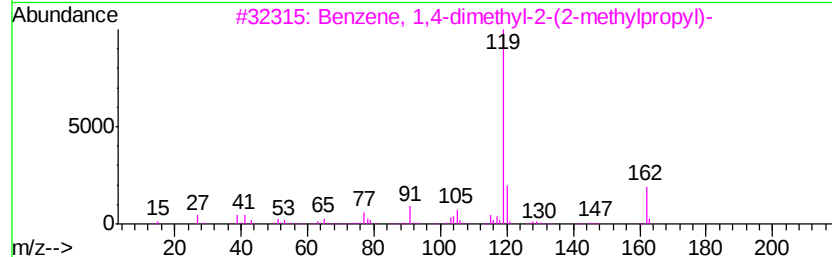
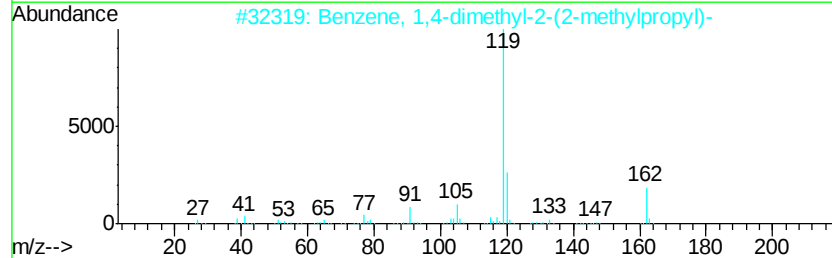
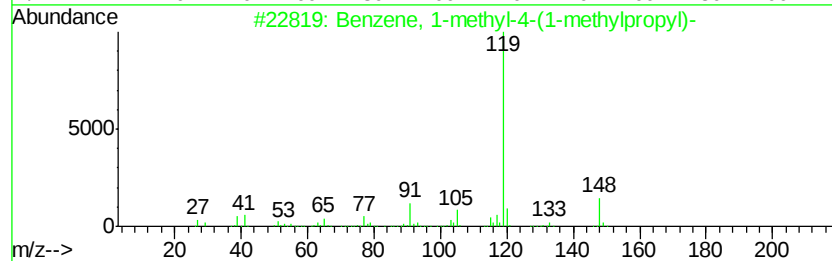
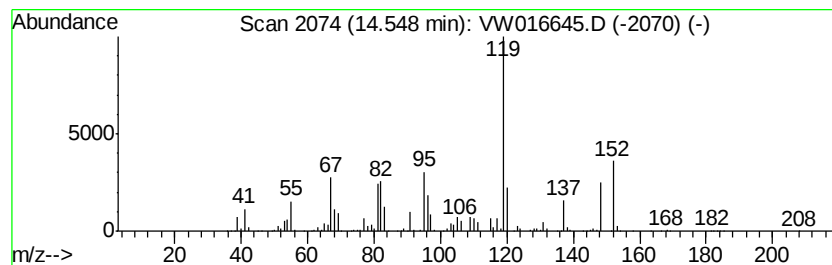
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 49 unknown-04 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	25.95 ug/L	5648140	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	38
2		Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	35
3		Benzene, 1,4-dimethyl-2-(2-methv...	162	C12H18	055669-88-0	35
4		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	35
5		p-Toluic acid, 2-ethylcyclohexyl...	246	C16H22O2	1000293-34-1	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

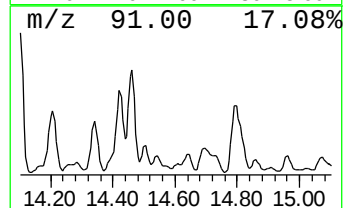
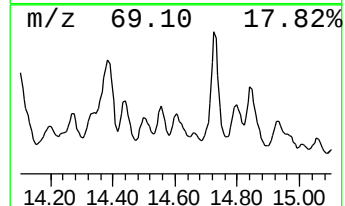
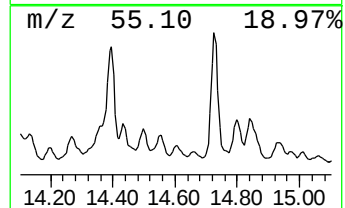
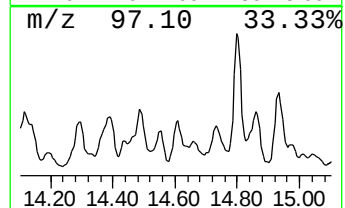
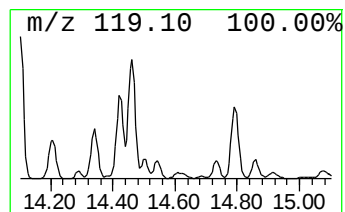
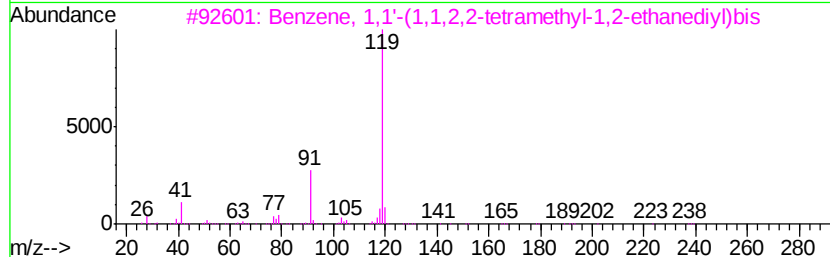
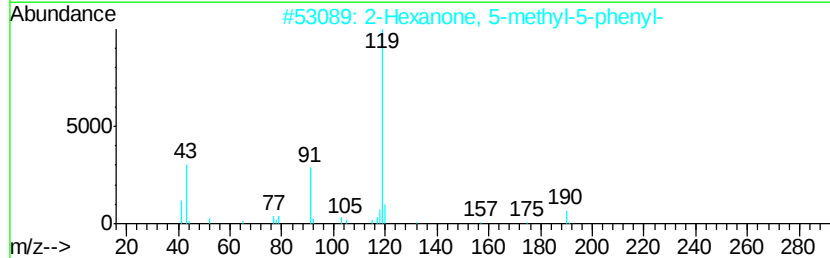
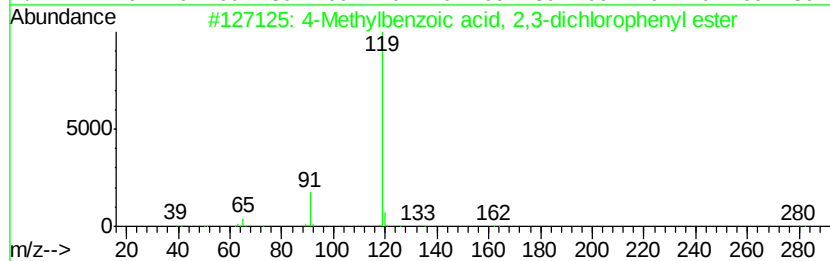
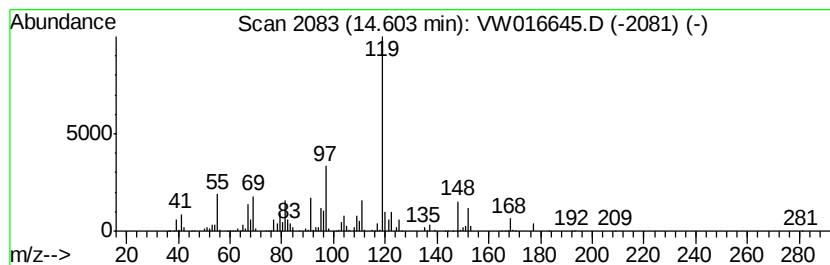
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Quant Title : VOC Analysis

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

Peak Number 50 unknown-05 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	2.50 ug/L	545110	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Methylbenzoic acid, 2,3-dichlo...	280	C14H10Cl2O2	1000331-36-5	38
2		2-Hexanone, 5-methyl-5-phenyl-	190	C13H18O	014128-61-1	38
3		Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	38
4		Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	38
5		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	37



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

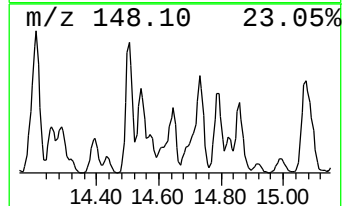
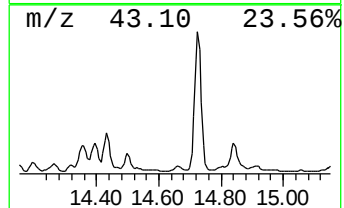
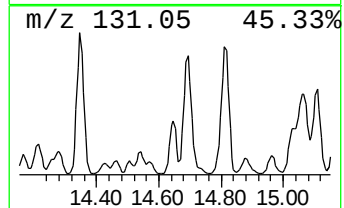
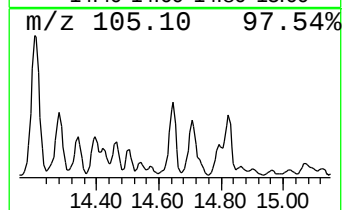
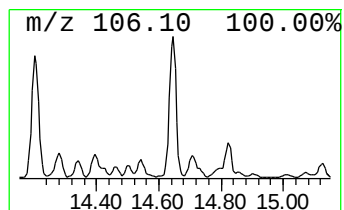
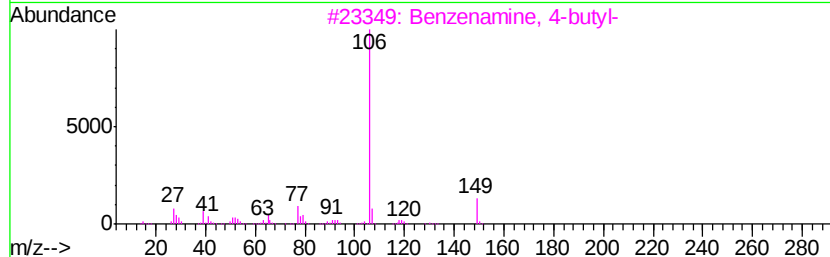
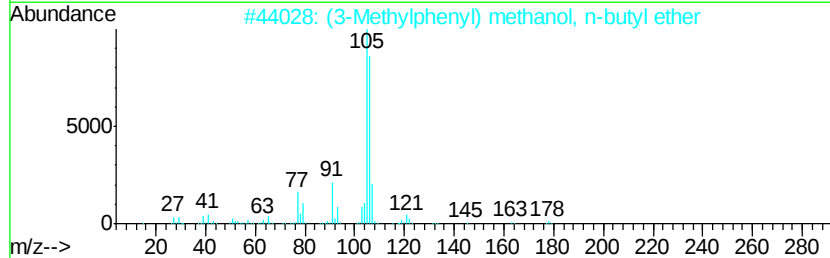
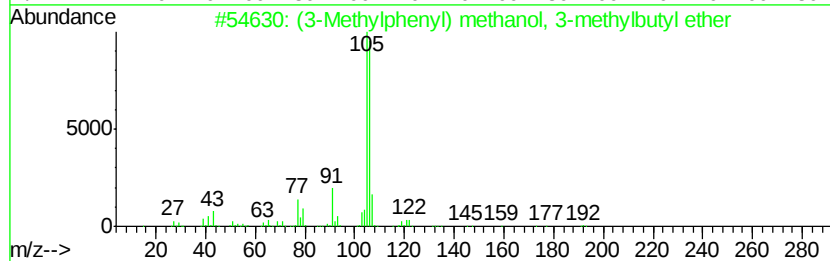
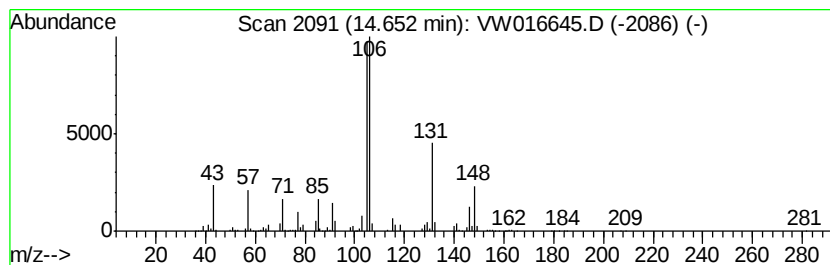
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Quant Title : VOC Analysis

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

Peak Number 51 unknown-06 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	7.81 ug/L	1700600	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(3-Methylphenyl) methanol, 3-met...	192	C13H20O	1000374-58-6	43
2		(3-Methylphenyl) methanol, n-but...	178	C12H18O	1000374-44-2	37
3		Benzenamine, 4-butyl-	149	C10H15N	000104-13-2	35
4		Benzenepropanoic acid, 4-amino-....	241	C15H15NO2	006318-46-3	35
5		p-Pentylaniline	163	C11H17N	033228-44-3	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

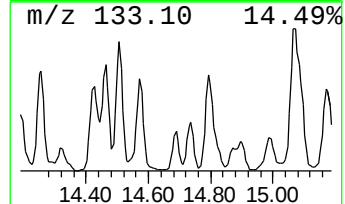
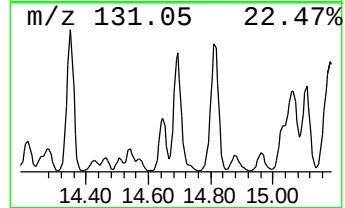
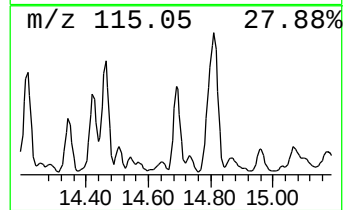
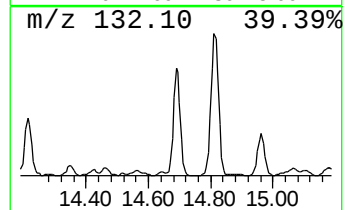
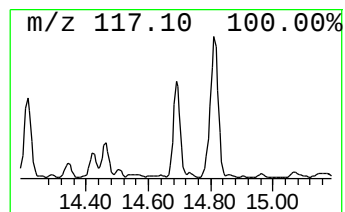
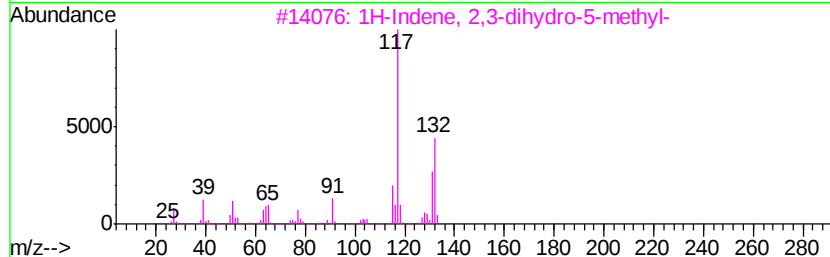
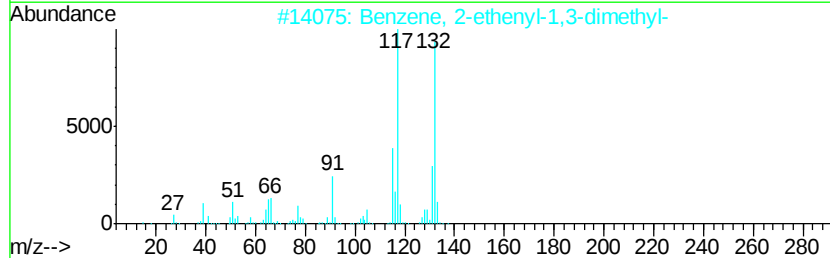
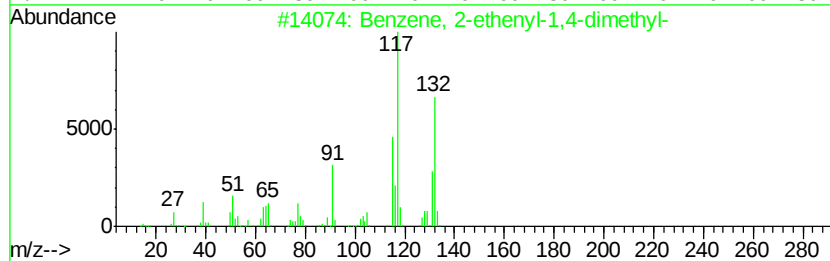
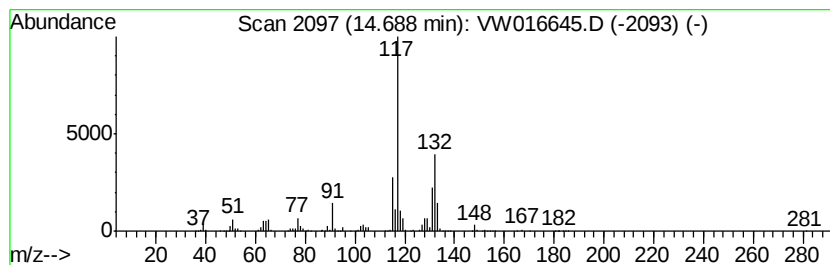
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Quant Title : VOC Analysis

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

Peak Number 52 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	23.91 ug/L	5204870	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	87
3		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

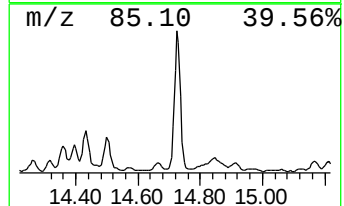
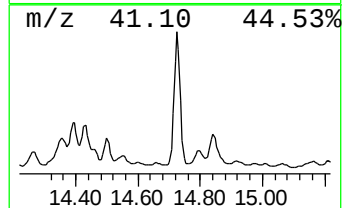
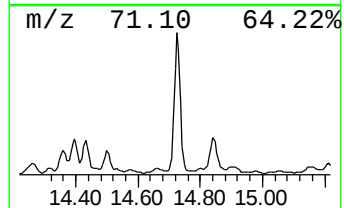
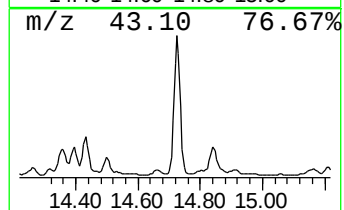
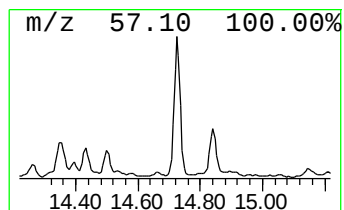
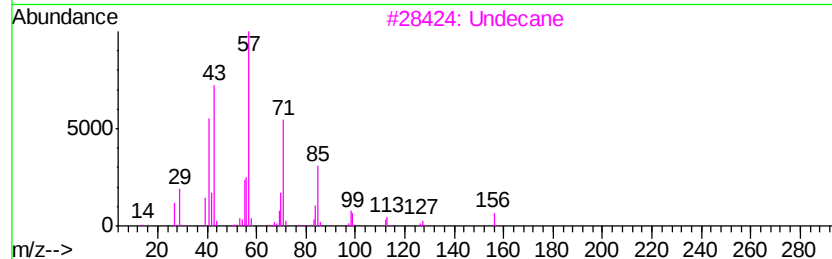
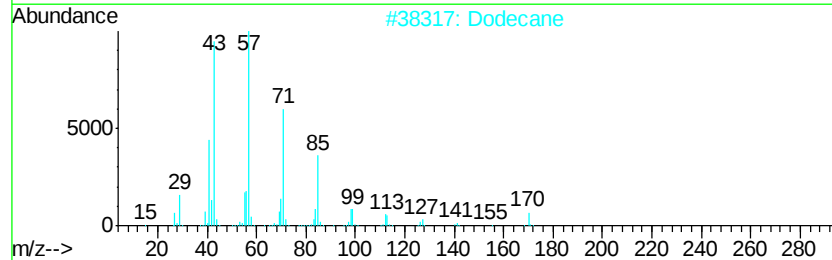
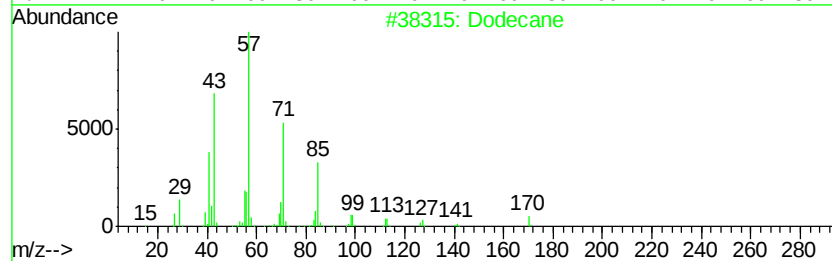
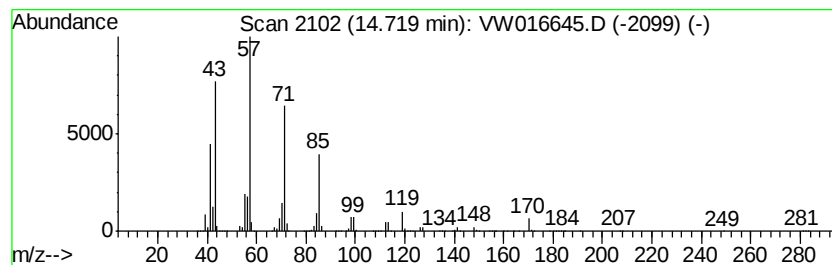
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Quant Title : VOC Analysis

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

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	123.01 ug/L	26776800	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	95
3		Undecane	156	C11H24	001120-21-4	91
4		Dodecane	170	C12H26	000112-40-3	76
5		Dodecane	170	C12H26	000112-40-3	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

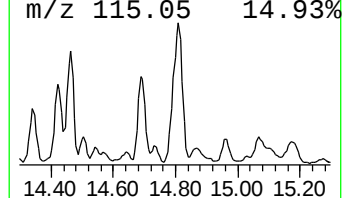
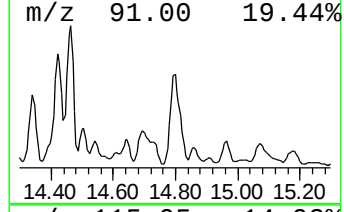
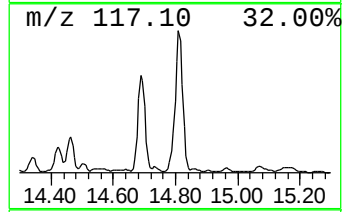
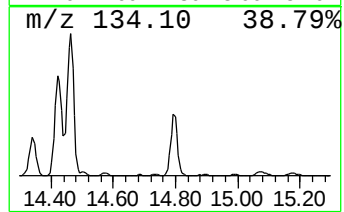
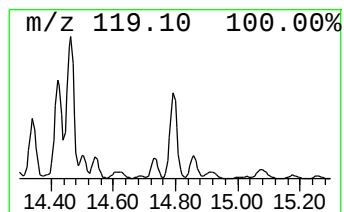
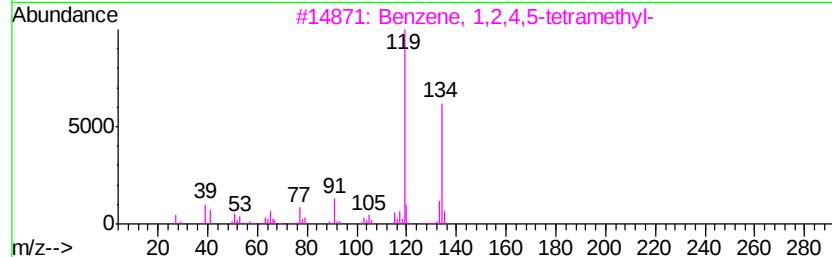
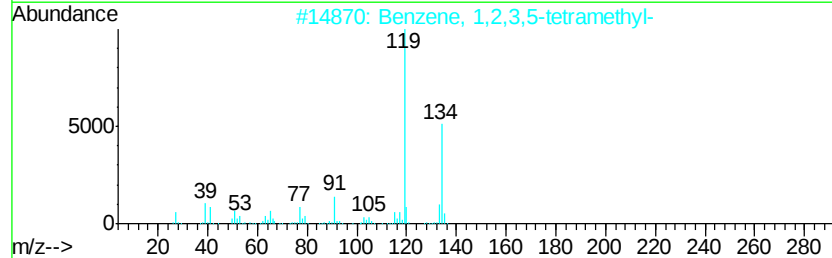
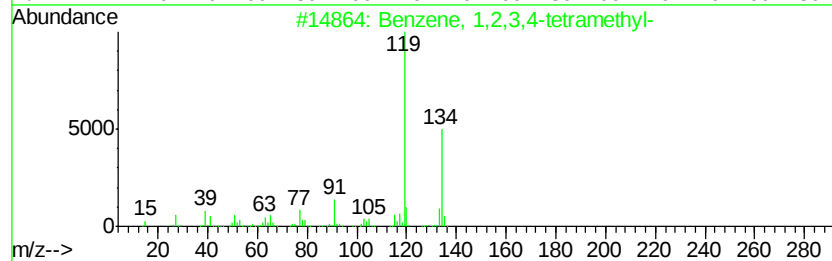
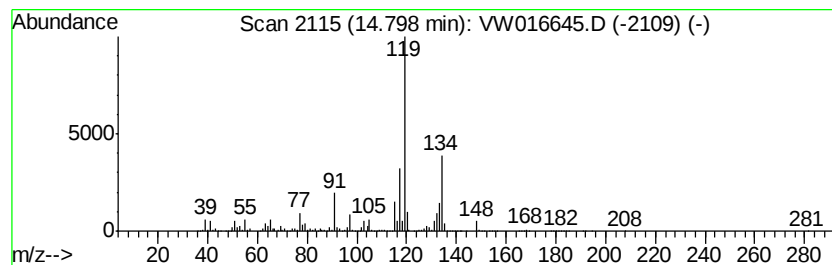
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Quant Title : VOC Analysis

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

Peak Number 54 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	120.03 ug/L	26127600	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	81
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
4		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

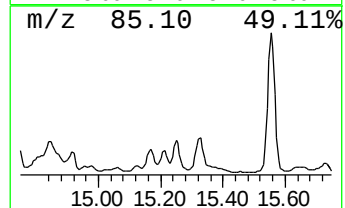
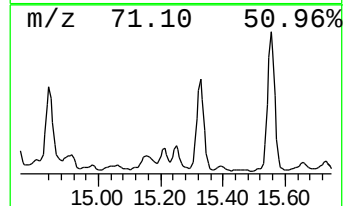
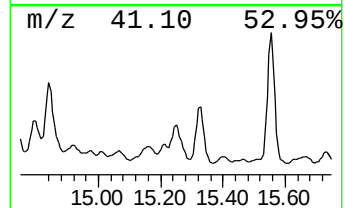
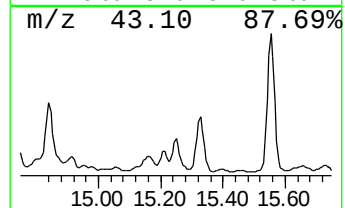
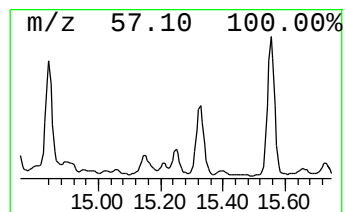
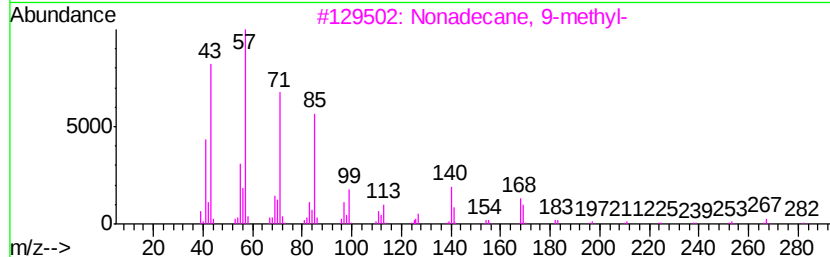
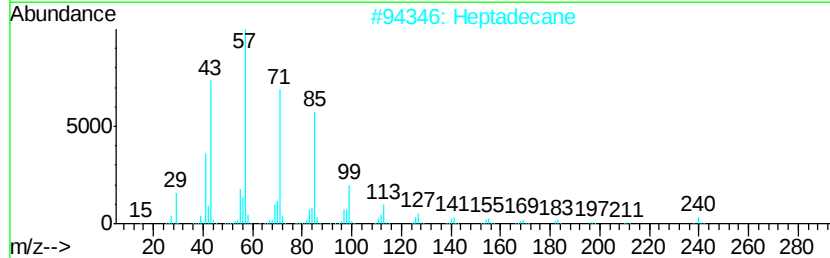
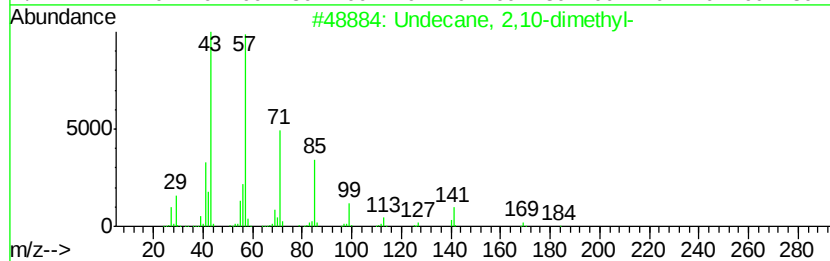
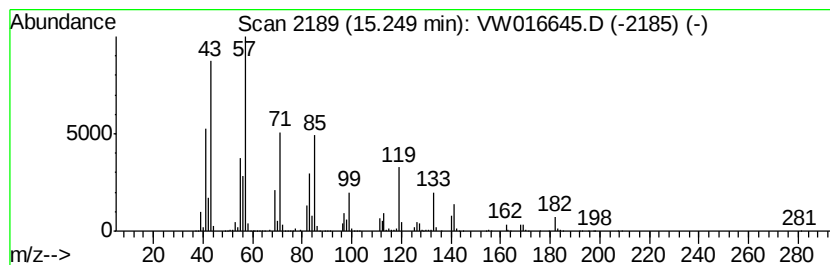
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Quant Title : VOC Analysis

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

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	22.49 ug/L	4895480	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	64
2		Heptadecane	240	C17H36	000629-78-7	52
3		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	52
4		Nonadecane	268	C19H40	000629-92-5	49
5		Octacosane	394	C28H58	000630-02-4	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

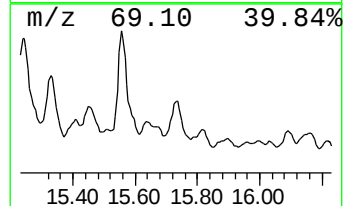
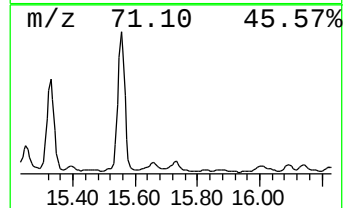
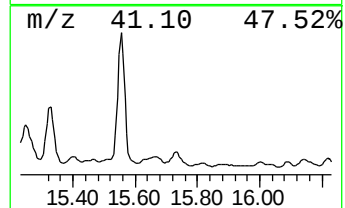
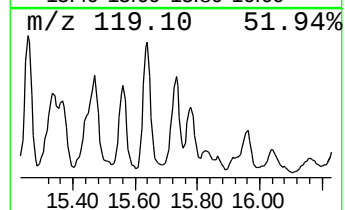
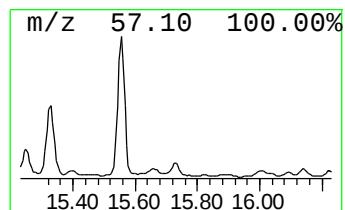
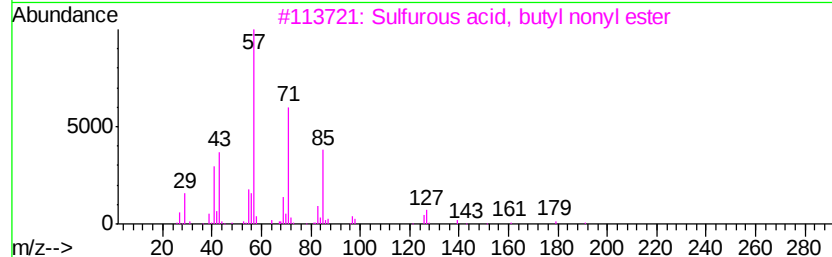
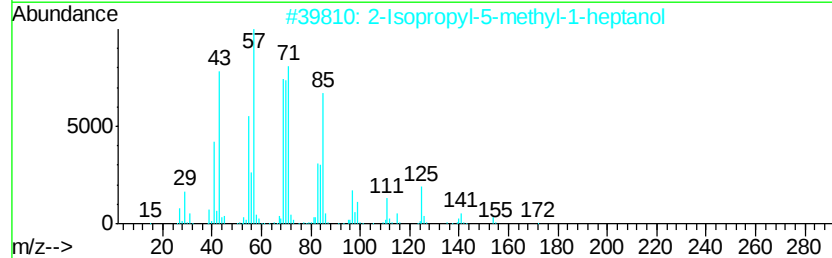
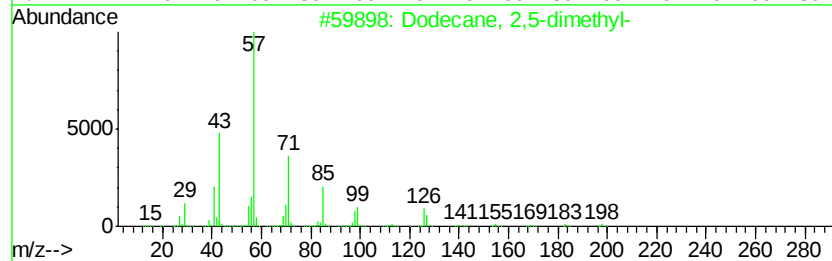
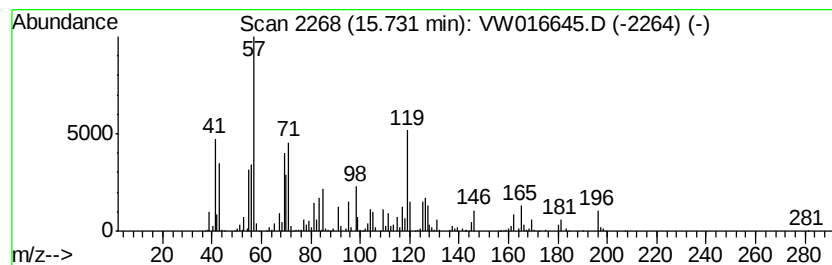
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Quant Title : VOC Analysis

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

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	7.71 ug/L	1678870	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	35
2			2-Isopropyl-5-methyl-1-heptanol	172	C11H24O	091337-07-4	27
3			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	22
4			Decane	142	C10H22	000124-18-5	22
5			1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

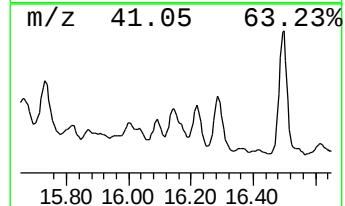
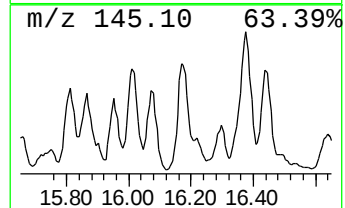
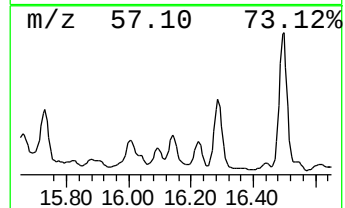
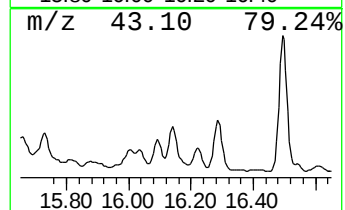
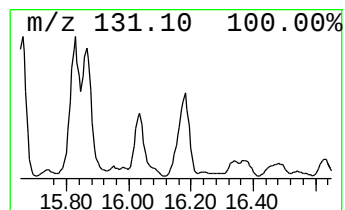
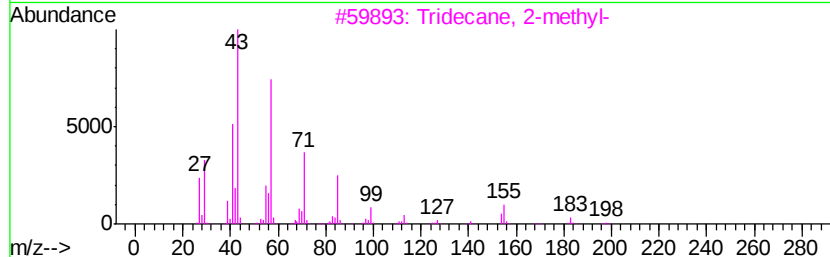
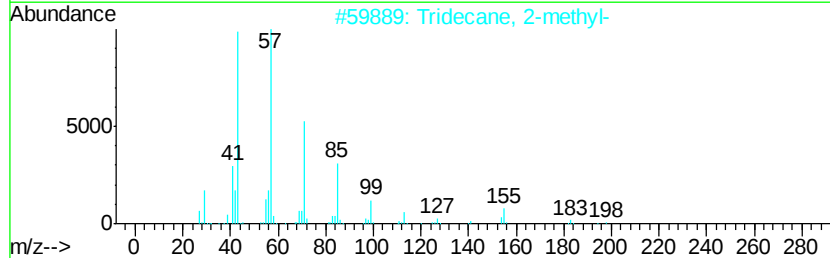
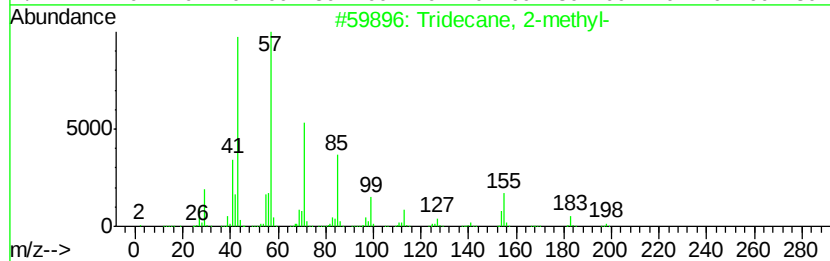
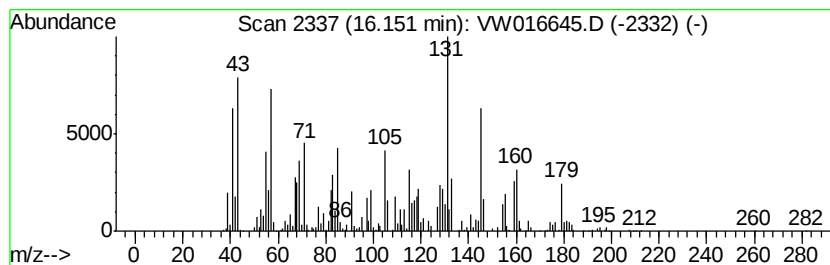
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Quant Title : VOC Analysis

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

Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	2.94 ug/L	640774	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2-methyl-	198	C14H30	001560-96-9	78
2			Tridecane, 2-methyl-	198	C14H30	001560-96-9	55
3			Tridecane, 2-methyl-	198	C14H30	001560-96-9	46
4			Heneicosane	296	C21H44	000629-94-7	38
5			Tetracosane	338	C24H50	000646-31-1	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X1

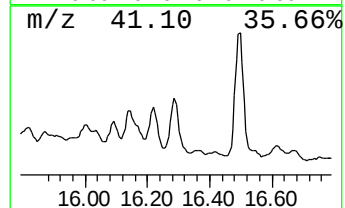
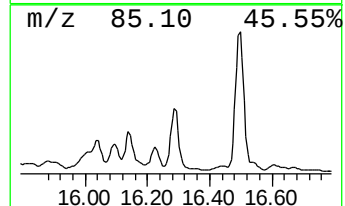
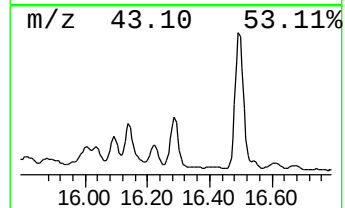
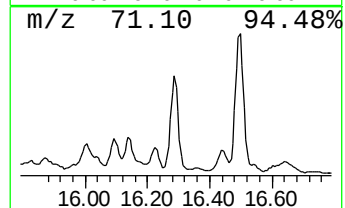
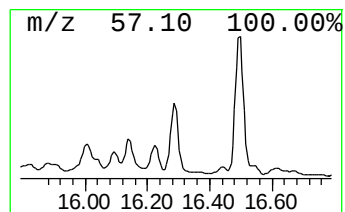
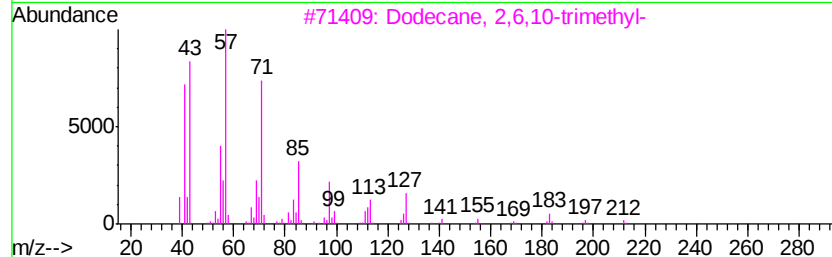
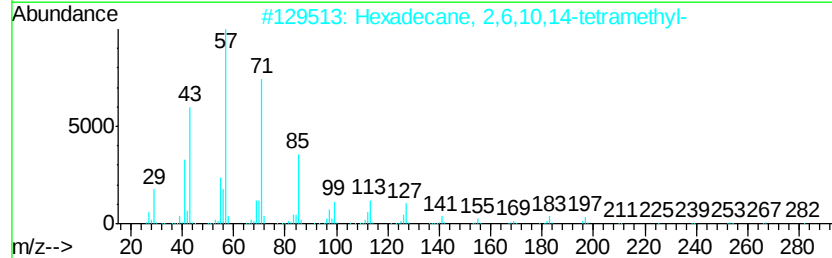
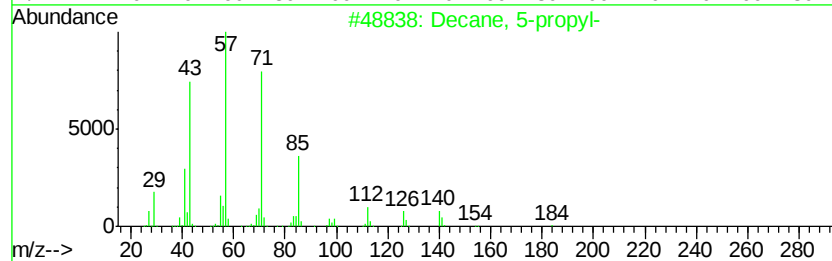
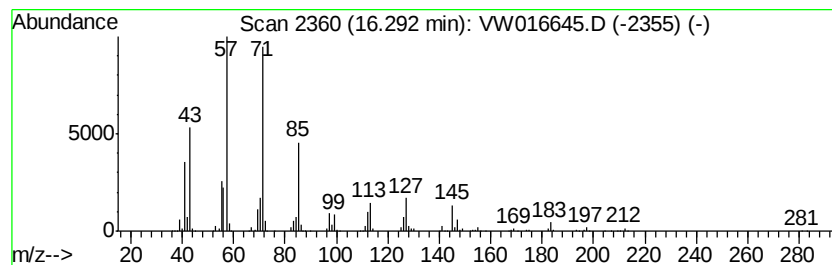
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	7.36 ug/L	1601330	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5-propyl-	184	C13H28	017312-62-8	81
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
5			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092520\
Data File : VW016645.D
Acq On : 24 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-11
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
BG3X1

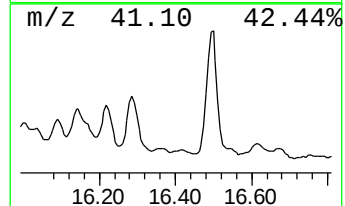
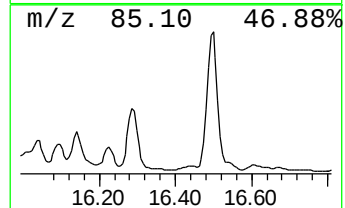
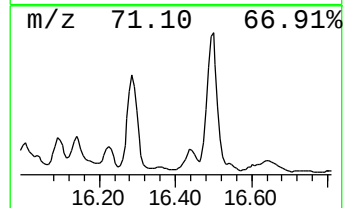
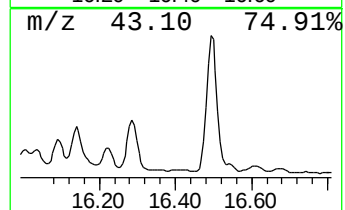
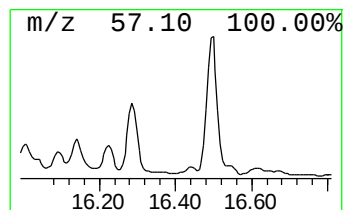
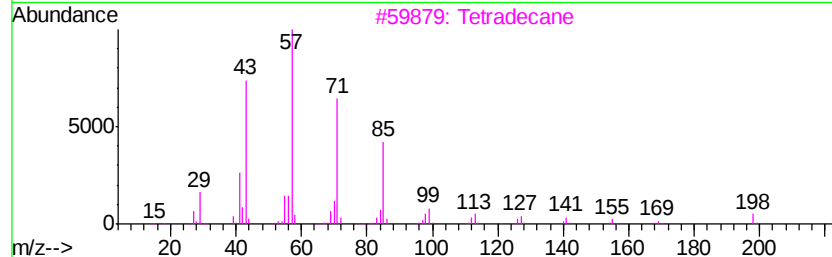
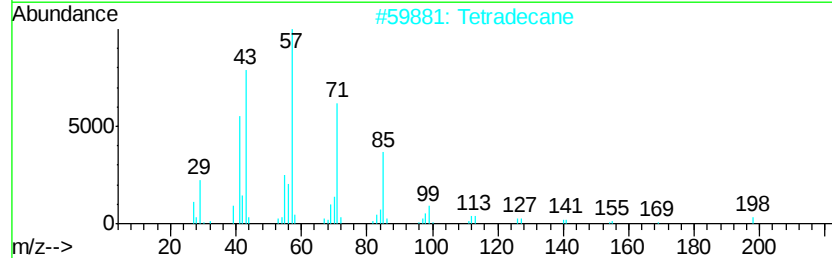
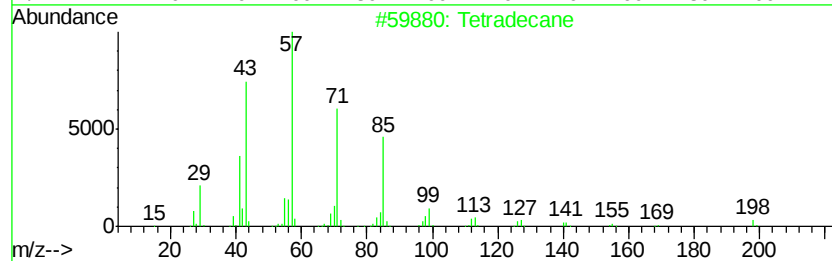
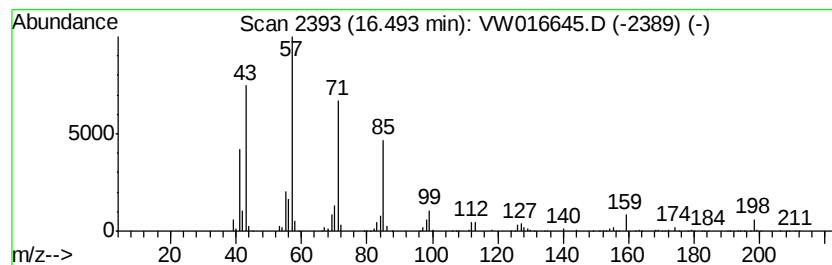
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	14.37 ug/L	3128490	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	97
2		Tetradecane	198	C14H30	000629-59-4	95
3		Tetradecane	198	C14H30	000629-59-4	93
4		Tridecane	184	C13H28	000629-50-5	93
5		Pentadecane	212	C15H32	000629-62-9	90



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092520\
 Data File : VW016645.D
 Acq On : 24 Sep 2020 16:49
 Operator : SY/VA
 Sample : L4109-11
 Misc : 5.96G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3X1

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	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	5.95	1460.6	ug/L	59142200	1	8.85	1012280	25.0
(DEL) Alkane: Str...	6.73	61.1	ug/L	2475460	1	8.85	1012280	25.0
(DEL) Alkane: Str...	6.89	27.4	ug/L	1107270	1	8.85	1012280	25.0
(DEL) Alkane: Cyc...	6.99	707.9	ug/L	28664300	1	8.85	1012280	25.0
1-Pentanol, 3,4-d...	9.76	17.7	ug/L	715207	1	8.85	1012280	25.0
(DEL) Alkane: Str...	9.90	24.1	ug/L	974585	1	8.85	1012280	25.0
(DEL) Alkane: Str...	9.96	92.3	ug/L	3739280	1	8.85	1012280	25.0
(DEL) Alkane: Str...	10.10	78.3	ug/L	3171620	1	8.85	1012280	25.0
(DEL) Alkane: Str...	10.51	180.4	ug/L	8787950	2	11.63	1218080	25.0
(DEL) Alkane: Cyc...	10.67	64.6	ug/L	3147810	2	11.63	1218080	25.0
(DEL) Alkane: Str...	11.04	19.9	ug/L	967762	2	11.63	1218080	25.0
(DEL) Alkane: Cyc...	11.11	11.0	ug/L	535275	2	11.63	1218080	25.0
(DEL) Alkane: Cyc...	11.18	63.5	ug/L	3092360	2	11.63	1218080	25.0
(DEL) Alkane: Cyc...	11.23	28.3	ug/L	1377530	2	11.63	1218080	25.0
(DEL) Alkane: Str...	11.34	16.2	ug/L	790228	2	11.63	1218080	25.0
(DEL) Alkane: Str...	11.41	75.2	ug/L	3662520	2	11.63	1218080	25.0
(DEL) Alkane: Str...	11.52	39.8	ug/L	1936970	2	11.63	1218080	25.0
(DEL) Alkane: Cyc...	11.92	17.4	ug/L	847280	2	11.63	1218080	25.0
(DEL) Alkane: Str...	12.07	32.4	ug/L	1578640	2	11.63	1218080	25.0
(DEL) Alkane: Str...	12.26	74.4	ug/L	3626920	2	11.63	1218080	25.0
unknown-01	12.34	80.3	ug/L	3914210	2	11.63	1218080	25.0
unknown-02	12.37	12.9	ug/L	627334	2	11.63	1218080	25.0
(DEL) Alkane: Str...	12.55	34.7	ug/L	1692690	2	11.63	1218080	25.0
(DEL) Alkane: Str...	12.58	125.2	ug/L	6098930	2	11.63	1218080	25.0
Benzene, propyl-	12.81	303.6	ug/L	66085100	3	13.56	5441980	25.0
Benzene, 1-ethyl-	12.87	207.4	ug/L	45145700	3	13.56	5441980	25.0
Benzofuran, 2,3-d...	12.94	75.4	ug/L	16408400	3	13.56	5441980	25.0
Ethanone, 1-(1-me...	13.01	2.5	ug/L	555341	3	13.56	5441980	25.0
4-Heptanone, 2,6-...	13.05	257.5	ug/L	56060100	3	13.56	5441980	25.0
Benzene, (1-methy...	13.12	401.5	ug/L	87400200	3	13.56	5441980	25.0
(DEL) Alkane: Str...	13.17	37.0	ug/L	8055850	3	13.56	5441980	25.0
Benzene, 1,2,3-tr...	13.27	550.6	ug/L	119858000	3	13.56	5441980	25.0
2-Tolyloxirane	13.38	46.5	ug/L	10113100	3	13.56	5441980	25.0
o-Cymene	13.45	71.5	ug/L	15558400	3	13.56	5441980	25.0
Benzene, 1,2-diet...	13.72	41.8	ug/L	9089600	3	13.56	5441980	25.0
Benzene, 1-etheny...	13.76	212.9	ug/L	46344700	3	13.56	5441980	25.0
Benzene, 2-ethyl-...	13.79	146.7	ug/L	31934500	3	13.56	5441980	25.0
Benzene, 1-methyl...	13.95	44.7	ug/L	9724540	3	13.56	5441980	25.0
Benzene, 4-ethyl-...	14.02	85.5	ug/L	18607500	3	13.56	5441980	25.0
Benzene, 1-methyl...	14.04	75.2	ug/L	16367400	3	13.56	5441980	25.0
Benzene, 2-ethyl-...	14.10	114.3	ug/L	24879600	3	13.56	5441980	25.0
Benzene, 1-ethyl-...	14.21	62.9	ug/L	13689400	3	13.56	5441980	25.0
Adamantane	14.26	28.6	ug/L	6219160	3	13.56	5441980	25.0
unknown-03	14.34	75.0	ug/L	16320200	3	13.56	5441980	25.0
(DEL) Alkane: Cyc...	14.40	39.5	ug/L	8587260	3	13.56	5441980	25.0
Benzene, 1,2,3,4-...	14.43	100.0	ug/L	21769800	3	13.56	5441980	25.0
Benzene, 1,2,3,5-...	14.46	78.6	ug/L	17111100	3	13.56	5441980	25.0
Benzene, 1,3-diet...	14.50	23.7	ug/L	5167240	3	13.56	5441980	25.0
unknown-04	14.55	25.9	ug/L	5648140	3	13.56	5441980	25.0

unknown-05	14.60	2.5 ug/L	545110	3	13.56	5441980	25.0
unknown-06	14.65	7.8 ug/L	1700600	3	13.56	5441980	25.0
Benzene, 2-etheny...	14.69	23.9 ug/L	5204870	3	13.56	5441980	25.0
(DEL) Alkane: Str...	14.72	123.0 ug/L	26776800	3	13.56	5441980	25.0
1,3-Cyclopentadie...	14.80	120.0 ug/L	26127600	3	13.56	5441980	25.0
(DEL) Alkane: Str...	15.25	22.5 ug/L	4895480	3	13.56	5441980	25.0
(DEL) Alkane: Str...	15.73	7.7 ug/L	1678870	3	13.56	5441980	25.0
(DEL) Alkane: Str...	16.15	2.9 ug/L	640774	3	13.56	5441980	25.0
(DEL) Alkane: Str...	16.29	7.4 ug/L	1601330	3	13.56	5441980	25.0
(DEL) Alkane: Str...	16.49	14.4 ug/L	3128490	3	13.56	5441980	25.0

Instrument :
MSVOA_W
ClientSampleId :
BG3X1