

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122719\
 Data File : VW014483.D
 Acq On : 28 Dec 2019 00:24
 Operator : SY/VA
 Sample : K6397-01
 Misc : 5.58G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETK90

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\SOM2WLM122719S.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	1.989	6	14	33	rVB2	162510	551389	1.85%	0.209%
2	2.178	35	45	60	rBV	207491	741957	2.49%	0.281%
3	2.361	68	75	94	rBV	321405	799282	2.68%	0.303%
4	2.891	154	162	174	rVV	227445	579359	1.94%	0.220%
5	3.026	177	184	198	rVB3	79590	244890	0.82%	0.093%
6	4.019	333	347	359	rBV	460926	1474000	4.94%	0.559%
7	4.952	481	500	519	rVV3	83033	414334	1.39%	0.157%
8	5.428	565	578	595	rBV	52178	193681	0.65%	0.073%
9	5.934	647	661	674	rBV3	79503	240429	0.81%	0.091%
10	6.866	803	814	824	rBV2	244234	803582	2.69%	0.305%
11	7.068	840	847	853	rBV	95075	244487	0.82%	0.093%
12	7.641	929	941	960	rBV	649676	1675022	5.61%	0.635%
13	7.915	977	986	996	rBV	593126	1471151	4.93%	0.558%
14	8.025	996	1004	1017	rVB	995437	2492870	8.35%	0.945%
15	8.153	1017	1025	1034	rVB	811931	1832652	6.14%	0.695%
16	8.269	1035	1044	1061	rVB2	1391954	4159935	13.94%	1.577%
17	8.476	1061	1078	1089	rBV	2883548	7876090	26.39%	2.986%
18	8.573	1089	1094	1104	rVB	94983	234298	0.79%	0.089%
19	8.689	1104	1113	1125	rVB	341949	710218	2.38%	0.269%
20	8.836	1128	1137	1148	rBV	1635824	3356346	11.25%	1.273%
21	9.274	1199	1209	1213	rBV	918006	2034439	6.82%	0.771%
22	9.329	1213	1218	1222	rVB	547499	929560	3.11%	0.352%
23	9.378	1222	1226	1234	rVB	620758	1191718	3.99%	0.452%
24	9.463	1234	1240	1244	rBV	88515	180698	0.61%	0.069%
25	9.512	1244	1248	1254	rVB	142221	262235	0.88%	0.099%
26	9.604	1254	1263	1271	rVB4	128820	315223	1.06%	0.120%
27	9.756	1280	1288	1299	rBV	1776581	3636798	12.19%	1.379%
28	9.890	1299	1310	1316	rBV	1687997	3531629	11.83%	1.339%
29	9.951	1316	1320	1324	rBV	566406	953728	3.20%	0.362%
30	10.030	1329	1333	1337	rVV	441896	748228	2.51%	0.284%
31	10.091	1337	1343	1355	rVB	912929	2084573	6.99%	0.790%
32	10.244	1362	1368	1374	rVB	348857	615746	2.06%	0.233%
33	10.317	1374	1380	1387	rBV	2203554	4098167	13.73%	1.554%
34	10.384	1387	1391	1396	rVV	248621	436096	1.46%	0.165%

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 Title : VOC Analysis

35	10.500	1403	1410	1416	rVB2	683079	1389431	4.66%	0.527%
36	10.573	1416	1422	1432	rVB	344299	682289	2.29%	0.259%
37	10.756	1445	1452	1461	rVB6	232902	569894	1.91%	0.216%
38	10.841	1461	1466	1472	rVB	152052	280036	0.94%	0.106%
39	10.921	1472	1479	1487	rBV3	507813	999448	3.35%	0.379%
40	11.030	1493	1497	1505	rVB	193628	401797	1.35%	0.152%
41	11.335	1543	1547	1551	rBV	122009	189789	0.64%	0.072%
42	11.408	1551	1559	1570	rVB2	568336	1331902	4.46%	0.505%
43	11.512	1570	1576	1585	rBV	449793	825990	2.77%	0.313%
44	11.628	1586	1595	1601	rBV	2238695	3877606	12.99%	1.470%
45	11.695	1601	1606	1608	rBV	192627	304180	1.02%	0.115%
46	11.725	1608	1611	1620	rVB	584906	933651	3.13%	0.354%
47	11.841	1620	1630	1634	rBV	723426	1523579	5.11%	0.578%
48	12.164	1680	1683	1691	rVB	265091	439102	1.47%	0.166%
49	12.243	1691	1696	1701	rVB	123378	232998	0.78%	0.088%
50	12.329	1701	1710	1714	rBV5	105110	253759	0.85%	0.096%
51	12.463	1726	1732	1737	rBV	671146	1093536	3.66%	0.415%
52	12.591	1746	1753	1759	rVV2	479330	1056102	3.54%	0.400%
53	12.688	1765	1769	1775	rVB	681006	1090604	3.65%	0.414%
54	12.804	1782	1788	1793	rVV	3162188	4847682	16.24%	1.838%
55	12.865	1793	1798	1800	rVV	2477620	3681115	12.34%	1.396%
56	12.896	1800	1803	1807	rVV	2835693	4378789	14.67%	1.660%
57	12.938	1807	1810	1828	rVB	2171789	3604921	12.08%	1.367%
58	13.103	1829	1837	1844	rBV	5068248	8179085	27.41%	3.101%
59	13.249	1854	1861	1868	rBV	19373143	29842102	100.00%	11.315%
60	13.377	1873	1882	1888	rBV3	608968	1574021	5.27%	0.597%
61	13.438	1888	1892	1897	rVB	731774	1023416	3.43%	0.388%
62	13.493	1897	1901	1906	rBV	276756	460863	1.54%	0.175%
63	13.585	1912	1916	1925	rVB	4167714	6970995	23.36%	2.643%
64	13.719	1931	1938	1940	rBV	2500493	4069494	13.64%	1.543%
65	13.749	1940	1943	1946	rVV2	5149610	8007823	26.83%	3.036%
66	13.792	1946	1950	1957	rVV4	5243424	11322431	37.94%	4.293%
67	13.853	1957	1960	1970	rVV2	1532588	3280228	10.99%	1.244%
68	13.944	1970	1975	1980	rVV	1921556	2957876	9.91%	1.122%
69	14.011	1980	1986	1988	rVV	4296303	7274700	24.38%	2.758%
70	14.036	1988	1990	1995	rVV	4151732	5719853	19.17%	2.169%
71	14.097	1995	2000	2005	rVV	6894053	10481931	35.12%	3.974%

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72	14.158	2005	2010	2013	rVV	841116	1365764	4.58%	0.518%
73	14.207	2013	2018	2023	rVV2	3364856	5592113	18.74%	2.120%
74	14.280	2027	2030	2034	rVV4	176651	312335	1.05%	0.118%
75	14.335	2034	2039	2044	rVV	1786952	2771138	9.29%	1.051%
76	14.414	2044	2052	2055	rVV	4226277	6781253	22.72%	2.571%
77	14.456	2055	2059	2063	rVV	5677781	8961356	30.03%	3.398%
78	14.499	2063	2066	2069	rVV	1432799	2049070	6.87%	0.777%
79	14.536	2069	2072	2079	rVV	609353	1069140	3.58%	0.405%
80	14.603	2079	2083	2085	rVV	228319	385944	1.29%	0.146%
81	14.639	2085	2089	2092	rVV	876081	1326587	4.45%	0.503%
82	14.688	2092	2097	2101	rVV	3599054	6072670	20.35%	2.303%
83	14.731	2101	2104	2108	rVV	1030303	1485941	4.98%	0.563%
84	14.804	2108	2116	2121	rVV3	5249427	11742122	39.35%	4.452%
85	14.853	2121	2124	2136	rVV	735256	1445234	4.84%	0.548%
86	14.956	2136	2141	2148	rVV2	477276	1002944	3.36%	0.380%
87	15.060	2148	2158	2170	rVV2	1978679	6420968	21.52%	2.435%
88	15.176	2170	2177	2187	rVB3	1473614	3305820	11.08%	1.253%
89	15.322	2194	2201	2202	rBV2	147857	250306	0.84%	0.095%
90	15.365	2202	2208	2213	rVV	1575450	2793225	9.36%	1.059%
91	15.420	2213	2217	2220	rVV2	247550	389681	1.31%	0.148%
92	15.469	2220	2225	2230	rVV2	646783	1334792	4.47%	0.506%
93	15.523	2230	2234	2248	rVB2	546622	1266843	4.25%	0.480%
94	15.657	2248	2256	2264	rBV	954041	1815138	6.08%	0.688%
95	15.822	2271	2283	2287	rBV2	564754	1474600	4.94%	0.559%
96	15.950	2298	2304	2309	rBV	246448	458295	1.54%	0.174%
97	16.029	2309	2317	2330	rVB2	427087	1193999	4.00%	0.453%
98	16.176	2333	2341	2358	rBV2	181099	490864	1.64%	0.186%
99	16.377	2362	2374	2379	rBV5	161295	465106	1.56%	0.176%
100	16.645	2408	2418	2432	rBV	1553019	3449519	11.56%	1.308%

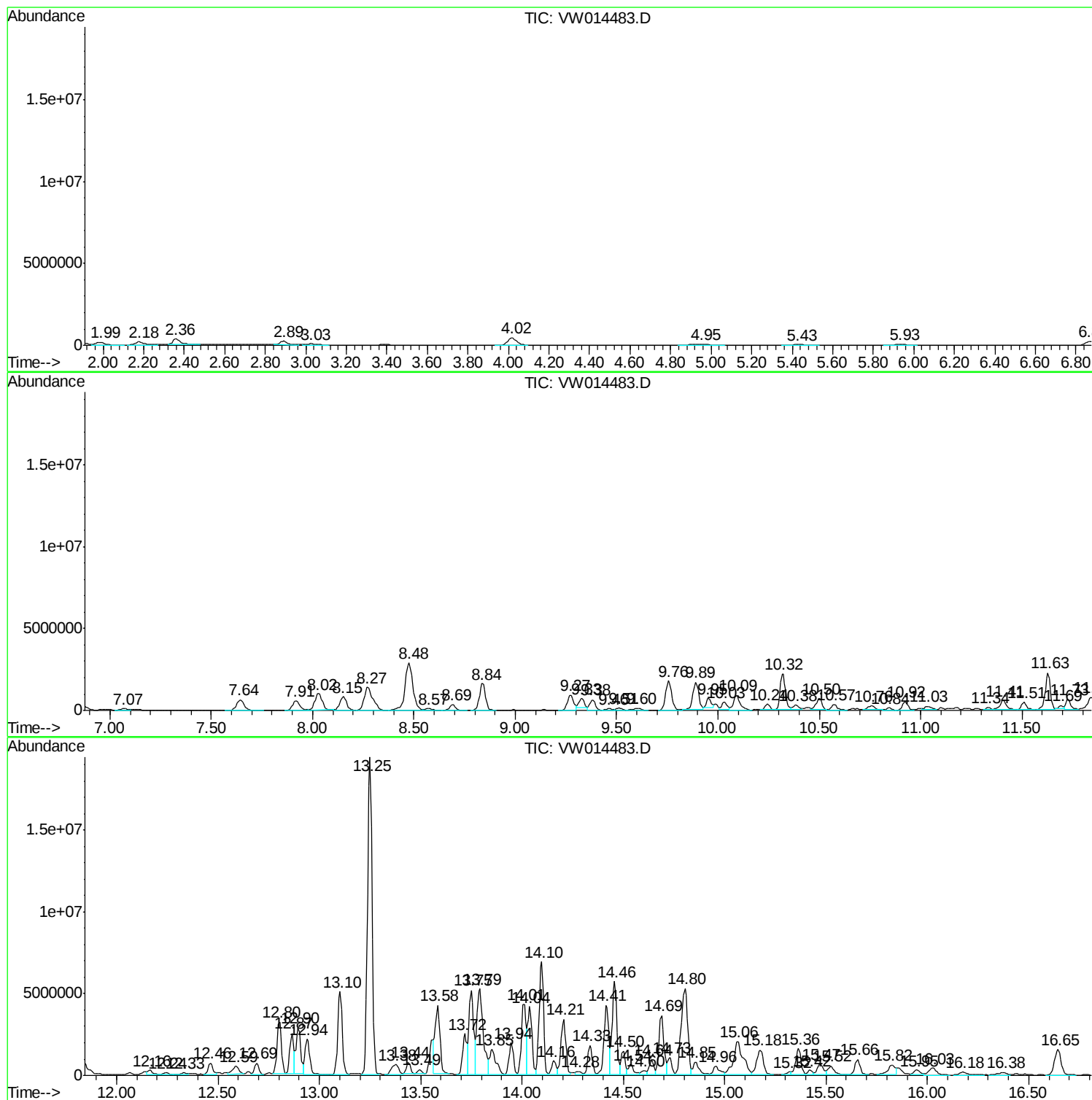
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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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



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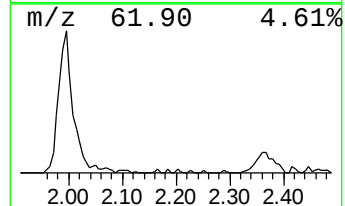
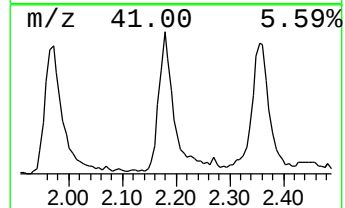
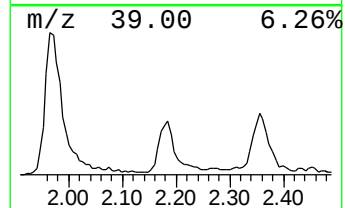
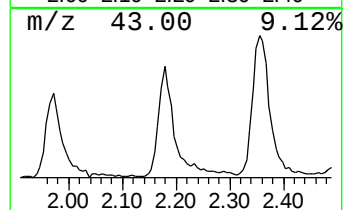
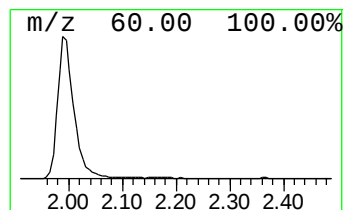
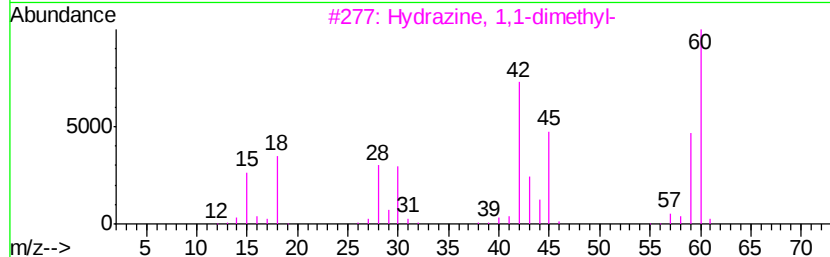
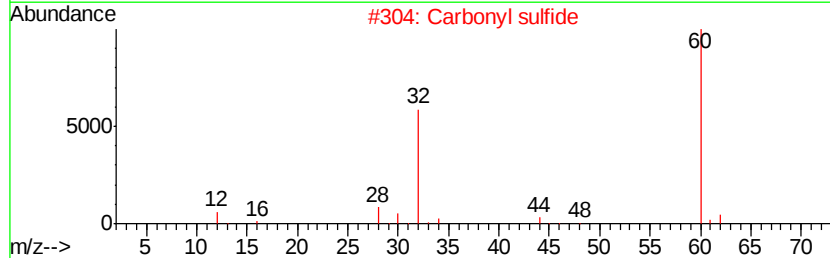
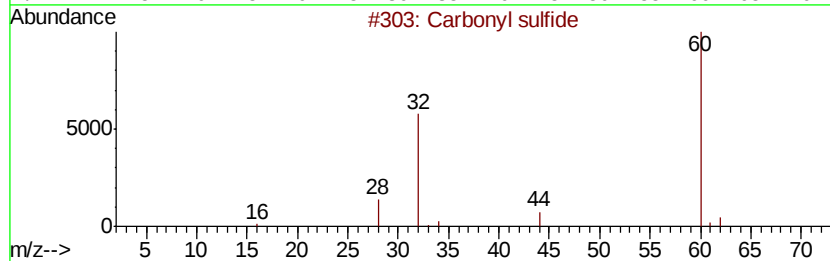
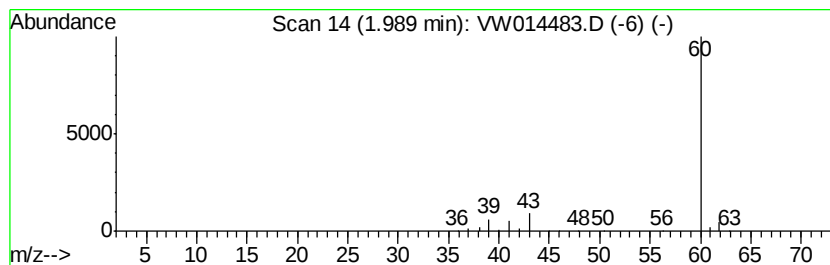
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.99	4.11 ug/L	551389	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbonyl sulfide	60	COS	000463-58-1	5
2		Carbonyl sulfide	60	COS	000463-58-1	5
3		Hvdrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	5
4		Thiirane	60	C2H4S	000420-12-2	4
5		Urea	60	CH4N2O	000057-13-6	4



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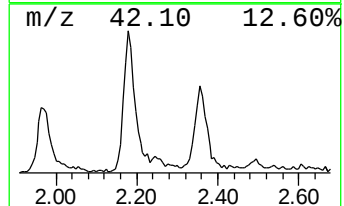
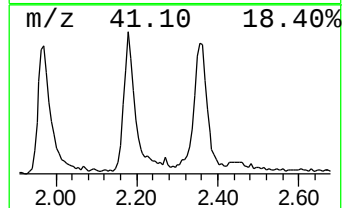
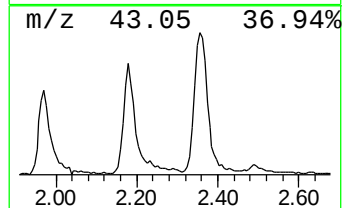
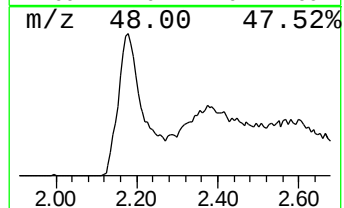
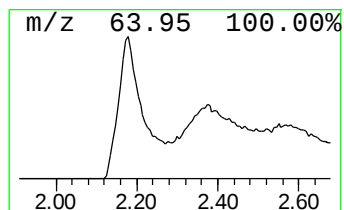
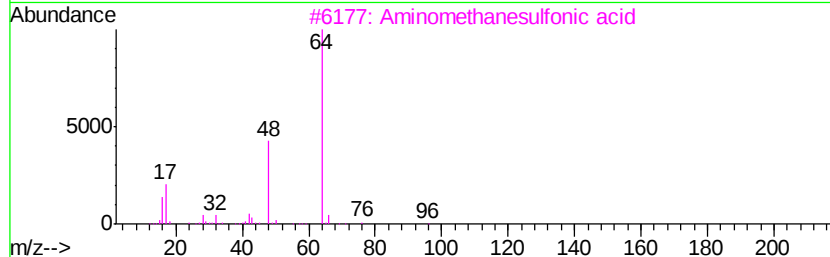
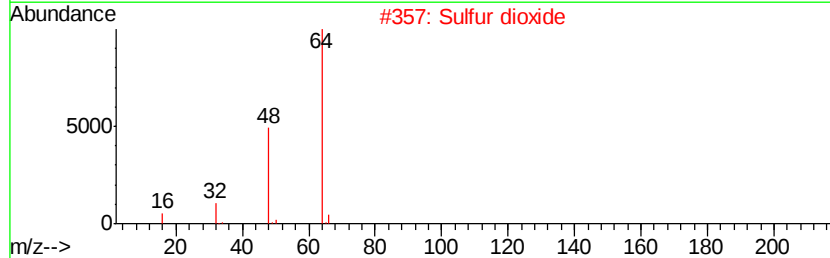
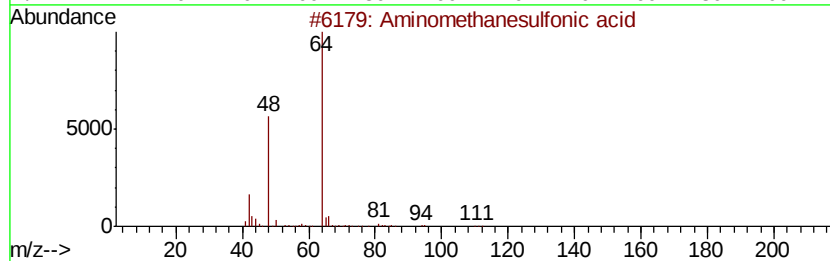
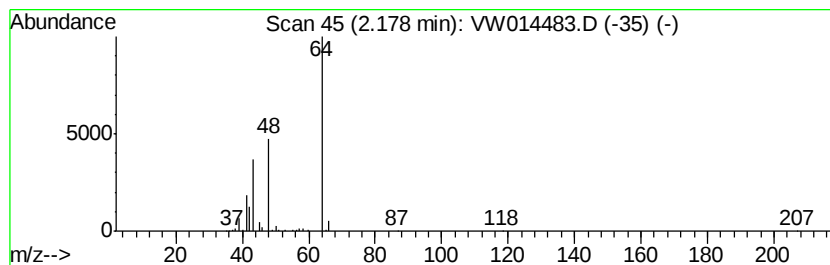
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Quant Title : VOC Analysis

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

Peak Number 2 Sulfur dioxide Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.	
2.18	5.53 ug/L	741957	1,4-Difluorobenzene	8.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aminomethanesulfonic acid	111	CH5N03S	013881-91-9	83
2	Sulfur dioxide	64	O2S	007446-09-5	78
3	Aminomethanesulfonic acid	111	CH5N03S	013881-91-9	74
4	Sulfur dioxide	64	O2S	007446-09-5	9
5	L-Alanine, 3-sulfo-	169	C3H7N05S	000498-40-8	9



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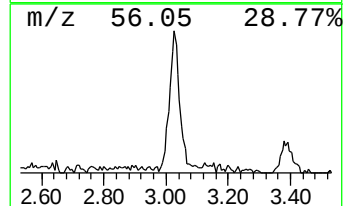
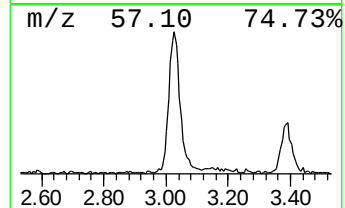
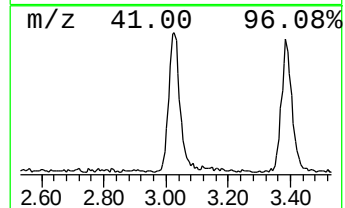
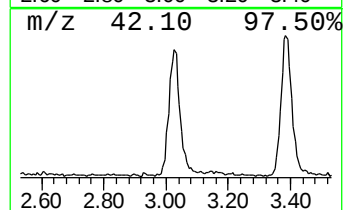
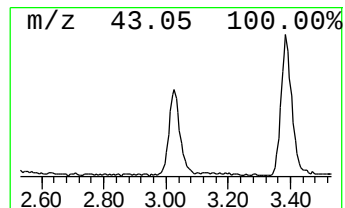
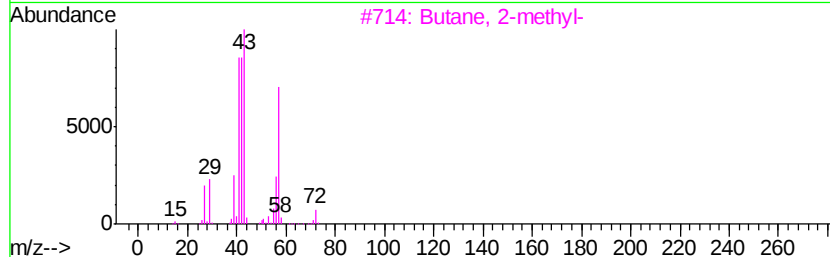
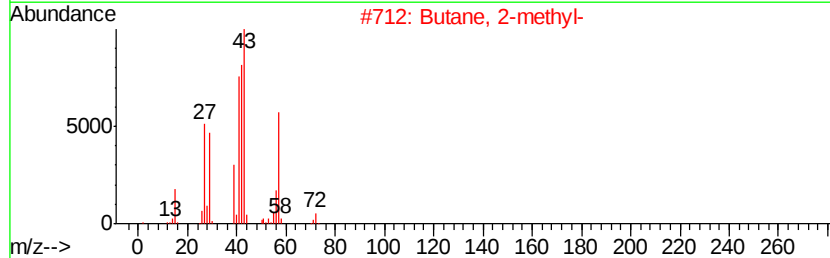
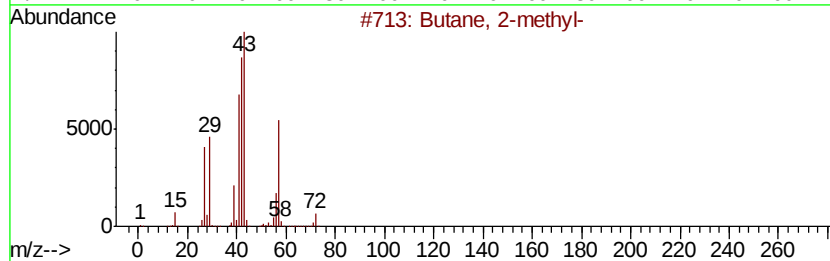
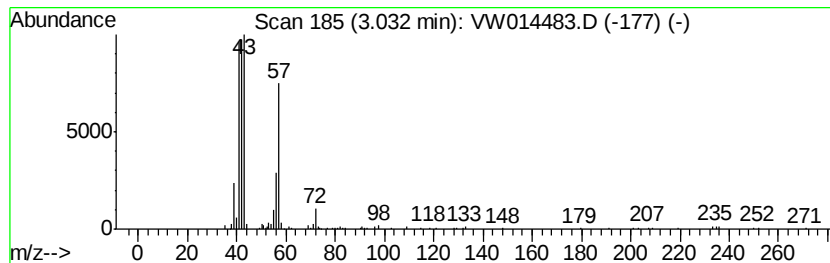
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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	1.82 ug/L	244890	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	80
2		Butane, 2-methyl-	72	C5H12	000078-78-4	80
3		Butane, 2-methyl-	72	C5H12	000078-78-4	80
4		3-Buten-1-ol	72	C4H8O	000627-27-0	37
5		2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
 Data File : VW014483.D
 Acq On : 28 Dec 2019 00:24
 Operator : SY/VA
 Sample : K6397-01
 Misc : 5.58G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
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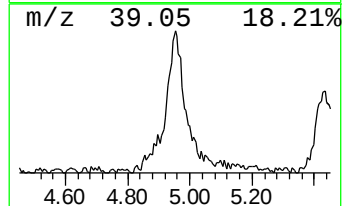
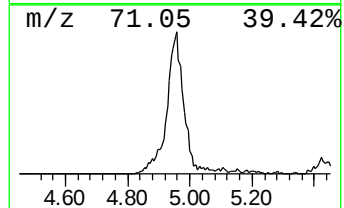
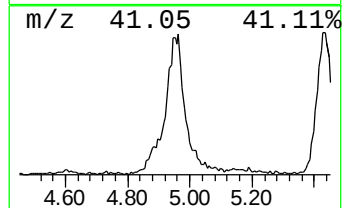
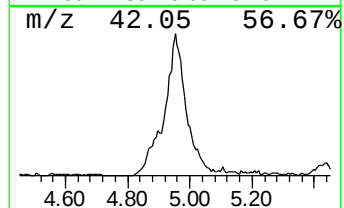
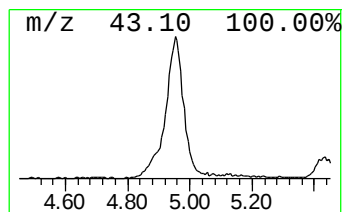
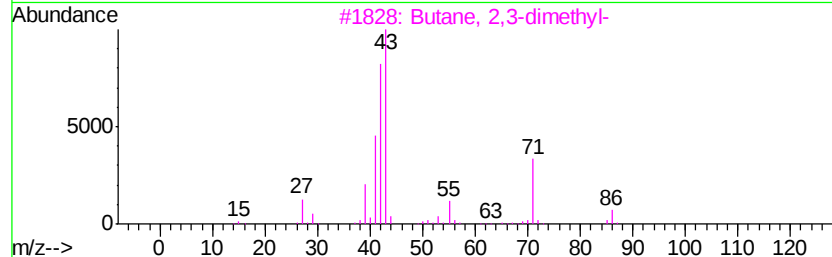
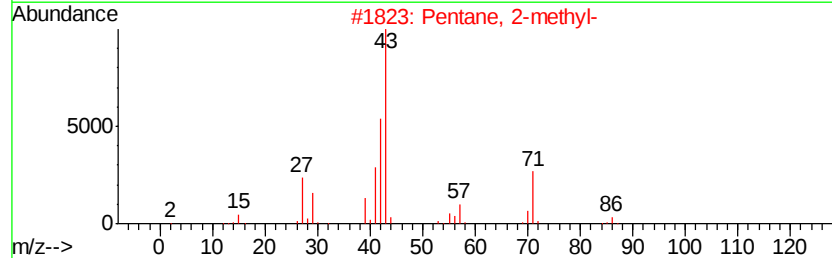
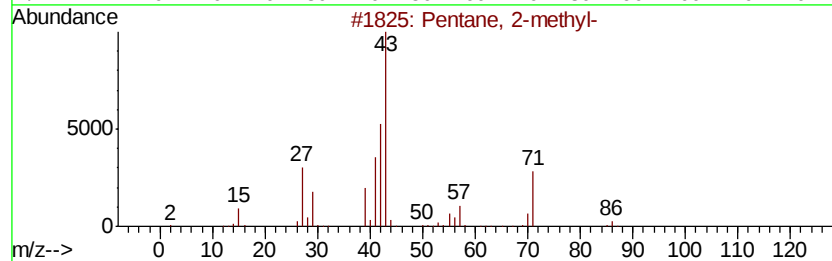
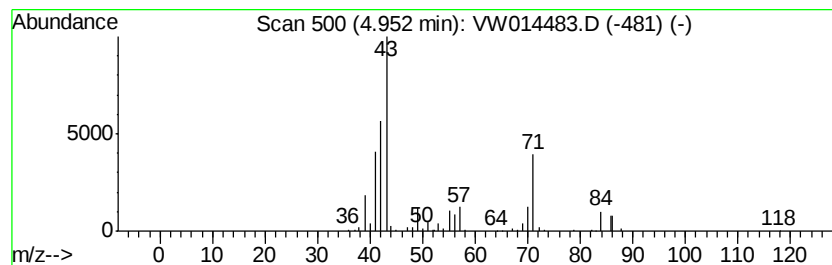
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 Quant Title : VOC Analysis

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

 Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	3.09 ug/L	414334	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2-methyl-	86	C6H14	000107-83-5	64
2			Pentane, 2-methyl-	86	C6H14	000107-83-5	64
3			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	37
4			Pentane, 2-bromo-	150	C5H11Br	000107-81-3	36
5			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	23



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

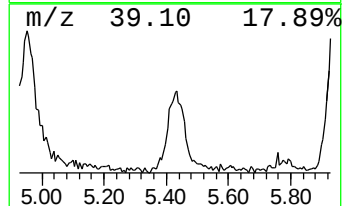
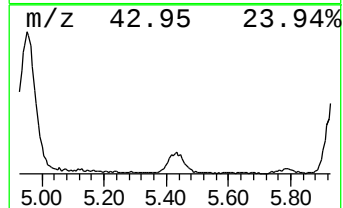
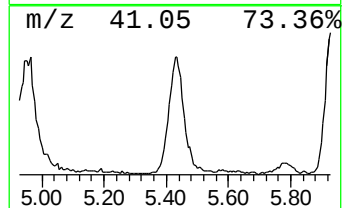
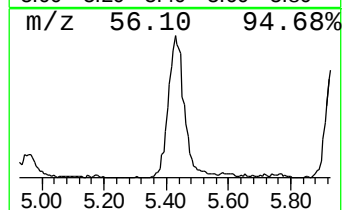
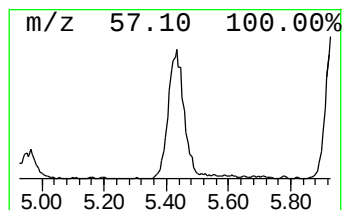
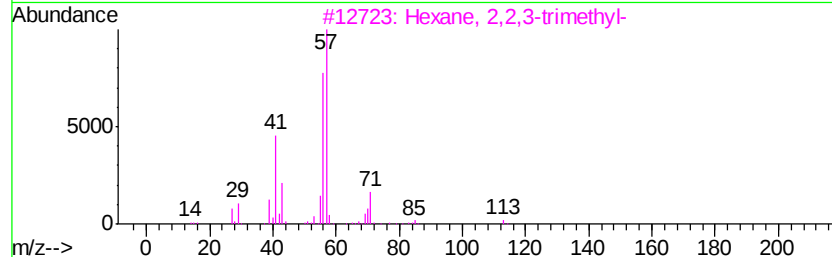
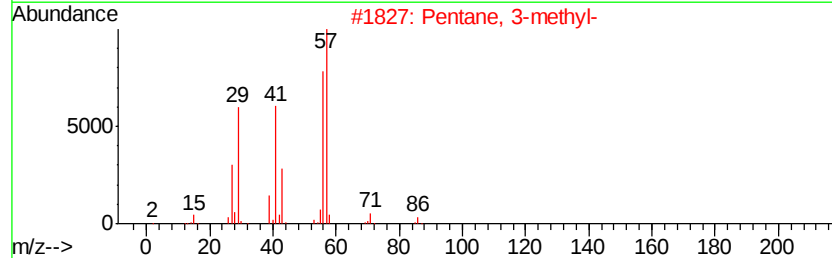
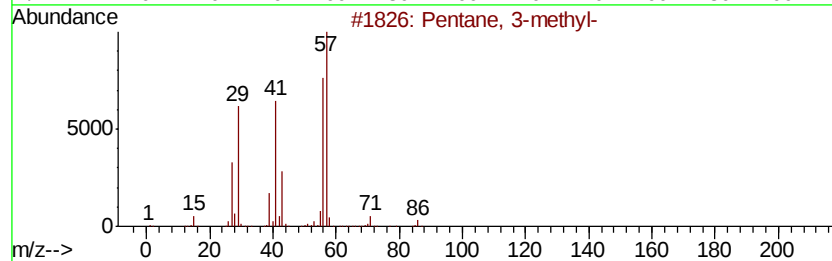
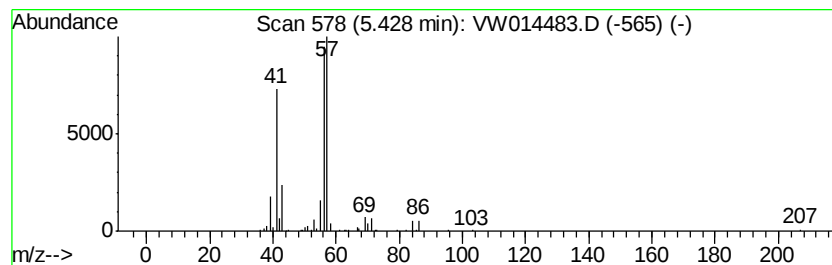
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.43	1.44 ug/L	193681	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
3	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
4	2,4-Dimethyl-1-hexene	112	C8H16	016746-87-5	72
5	Pentane, 3-methyl-	86	C6H14	000096-14-0	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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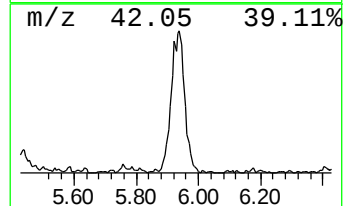
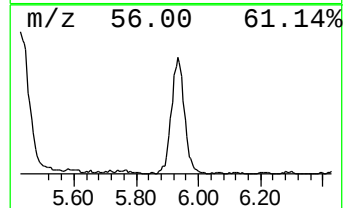
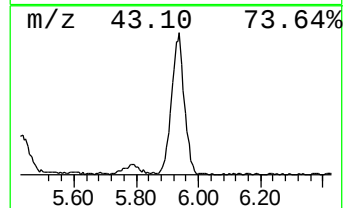
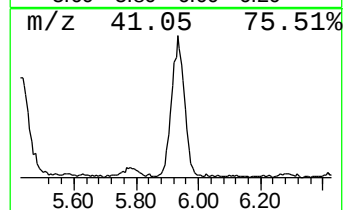
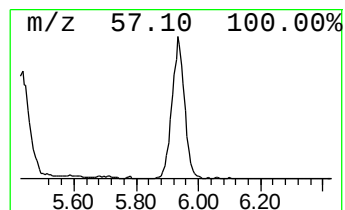
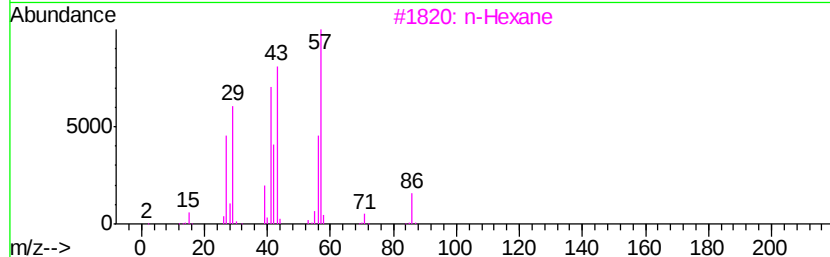
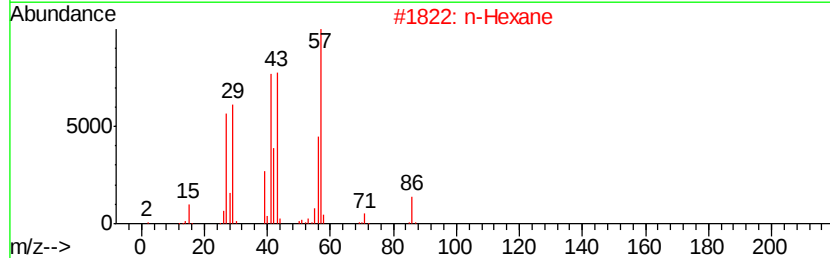
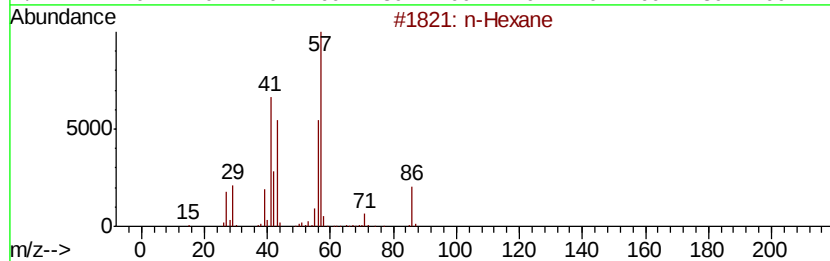
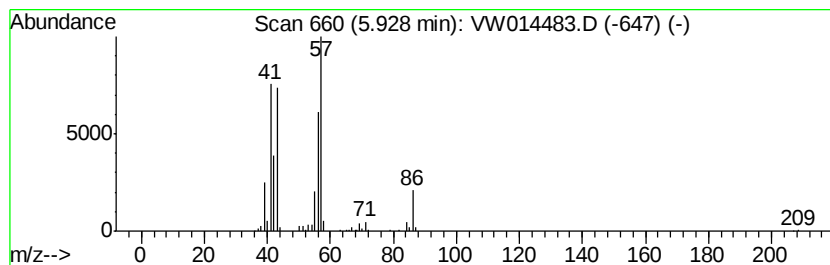
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	1.79 ug/L	240429	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	83
2		n-Hexane	86	C6H14	000110-54-3	80
3		n-Hexane	86	C6H14	000110-54-3	64
4		Cyclobutane	56	C4H8	000287-23-0	43
5		Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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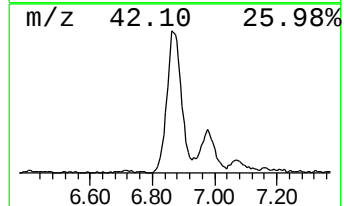
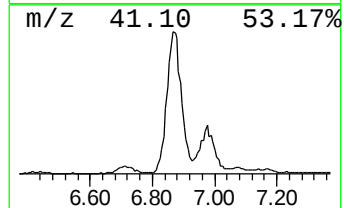
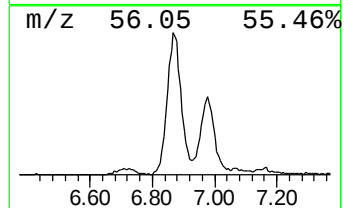
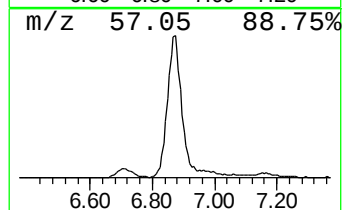
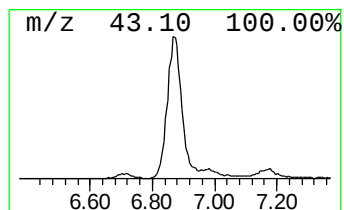
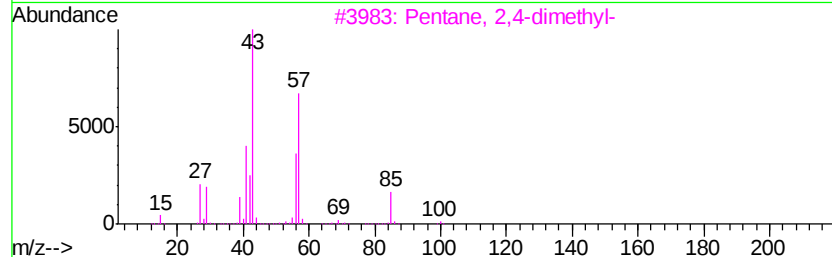
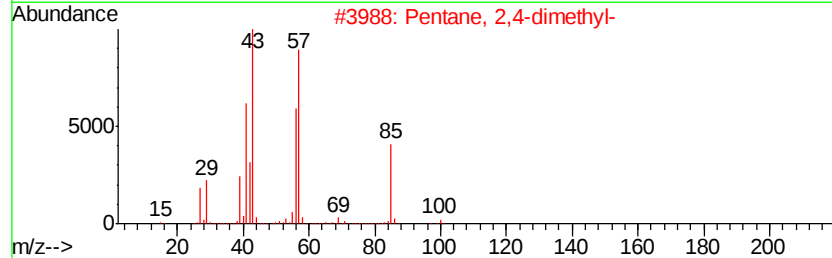
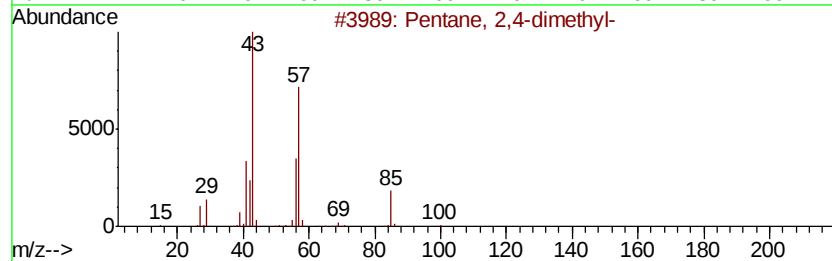
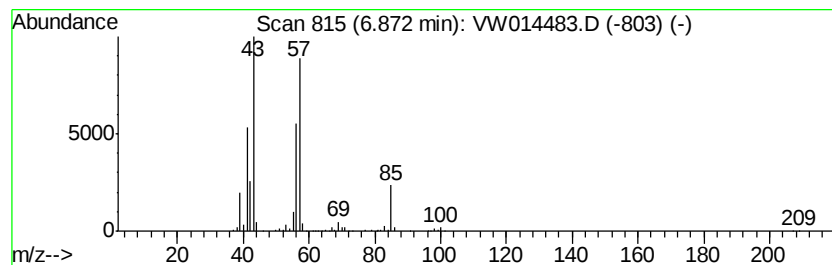
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	5.99 ug/L	803582	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2		Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	83
3		Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	72
4		Heptane, 3-methyl-	114	C8H18	000589-81-1	64
5		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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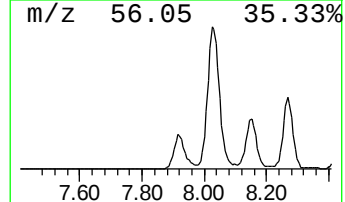
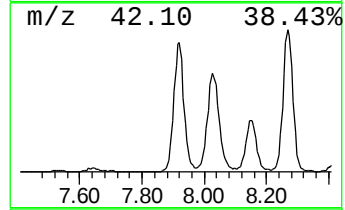
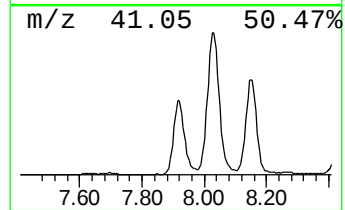
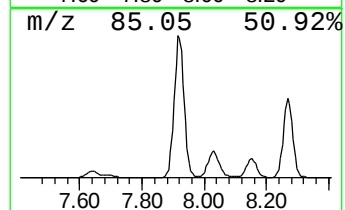
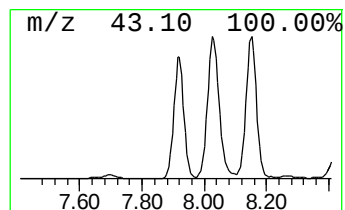
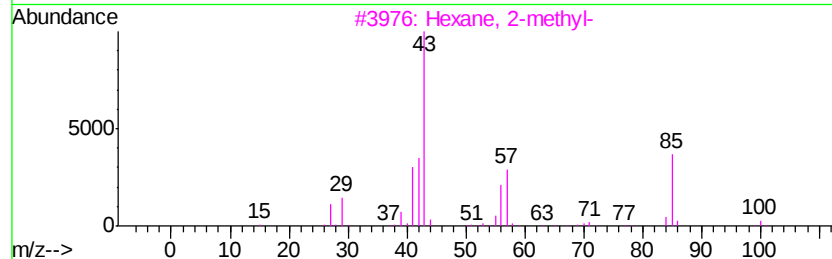
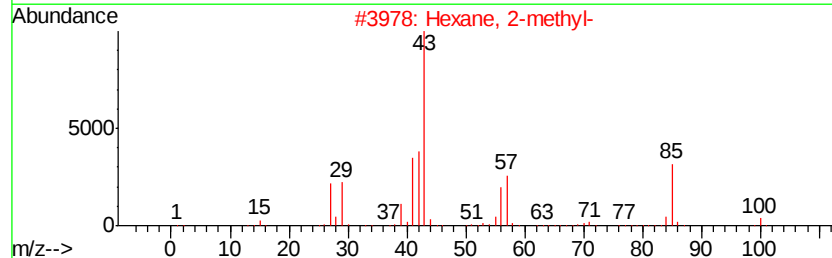
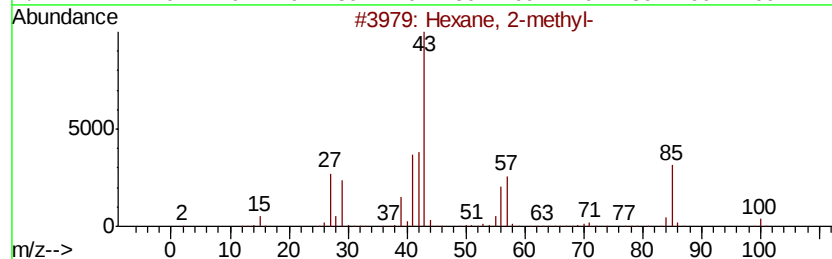
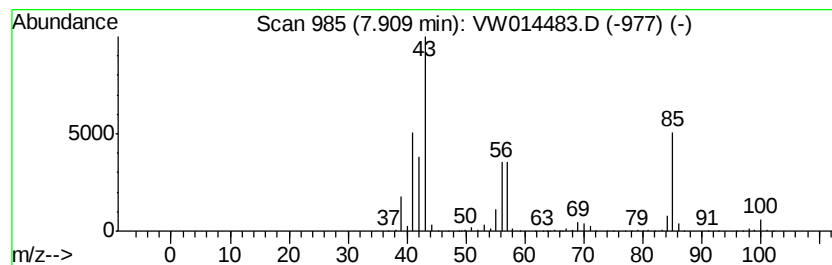
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	10.96 ug/L	1471150	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2-methyl-	100	C7H16	000591-76-4	91
2		Hexane, 2-methyl-	100	C7H16	000591-76-4	91
3		Hexane, 2-methyl-	100	C7H16	000591-76-4	87
4		2-Pyrrolidinone	85	C4H7NO	000616-45-5	50
5		Hexane, 3-bromo-	164	C6H13Br	003377-87-5	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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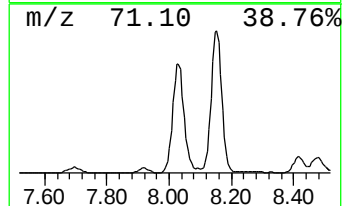
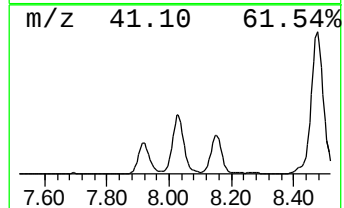
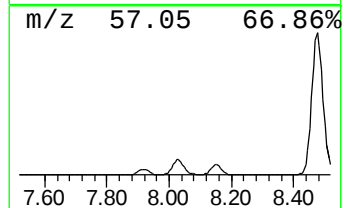
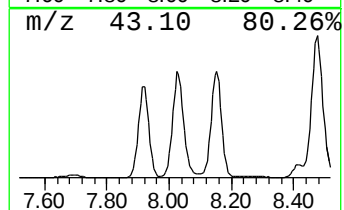
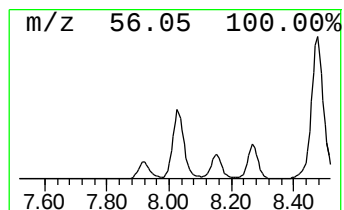
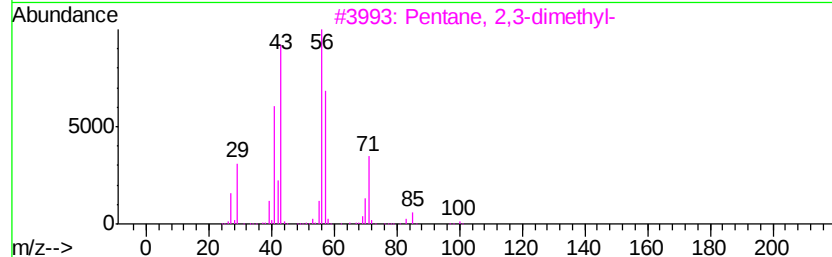
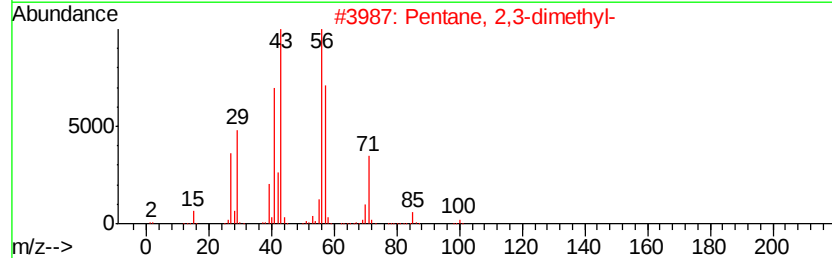
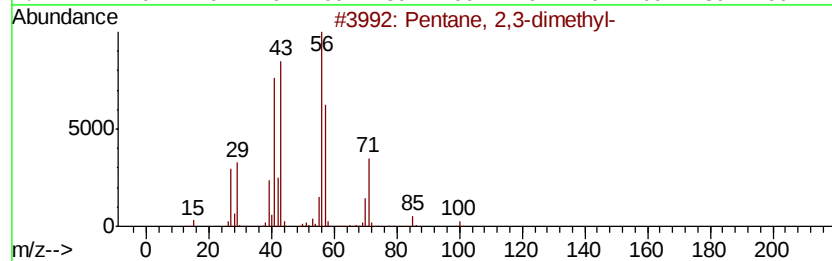
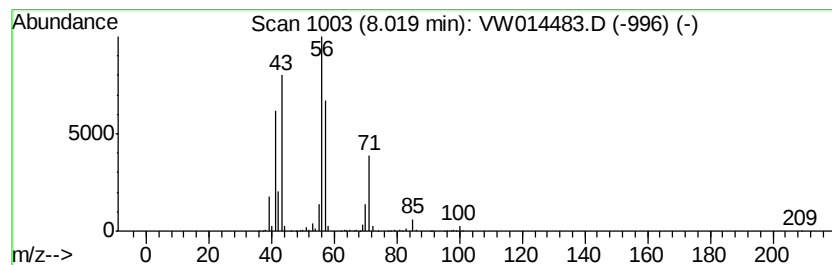
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	18.57 ug/L	2492870	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	95
2		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
3		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
4		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
5		Hexane, 3-methyl-	100	C7H16	000589-34-4	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

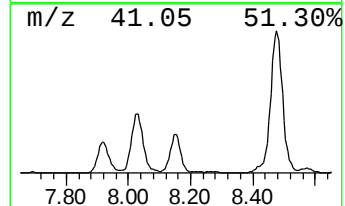
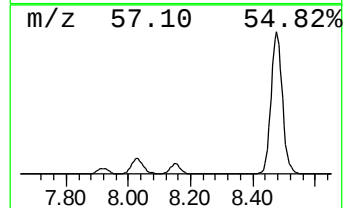
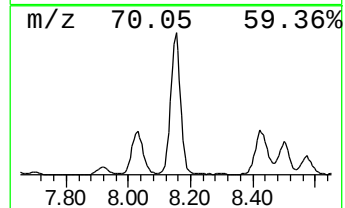
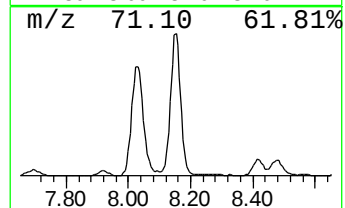
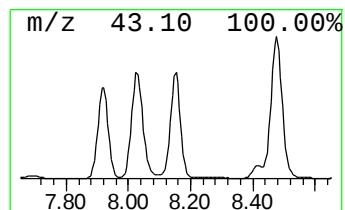
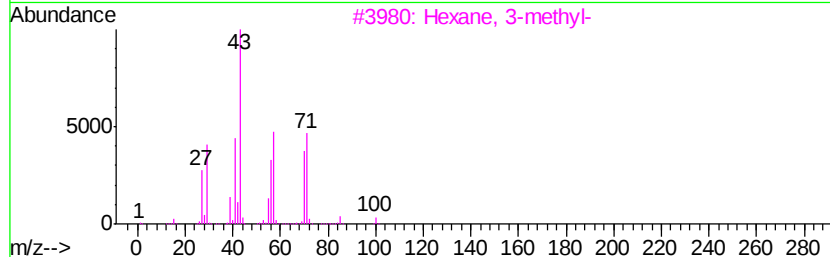
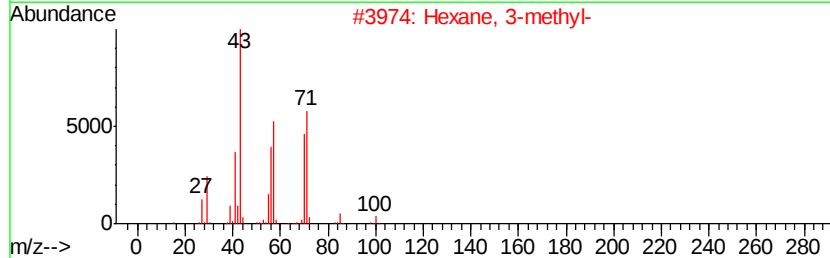
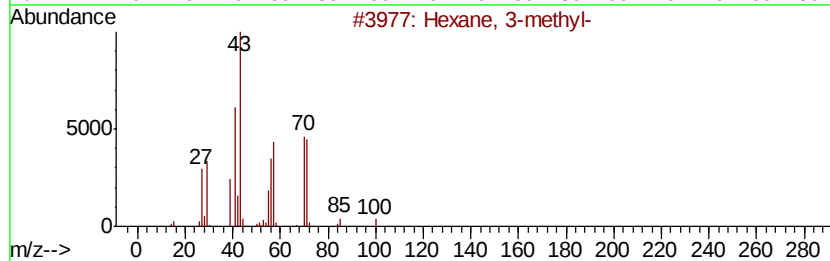
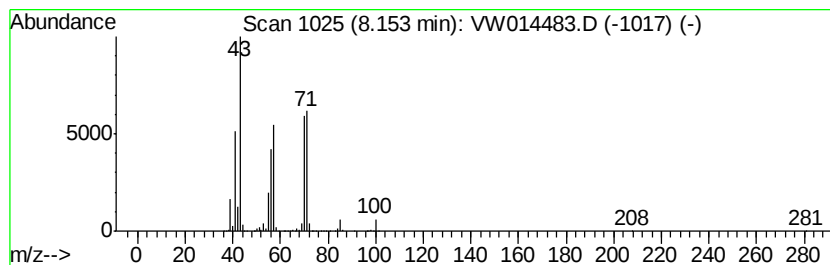
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	13.65 ug/L	1832650	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2		Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3		Hexane, 3-methyl-	100	C7H16	000589-34-4	87
4		Heptane	100	C7H16	000142-82-5	64
5		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

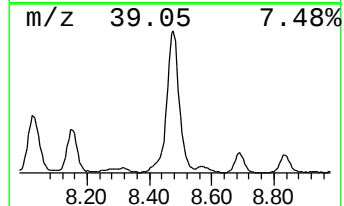
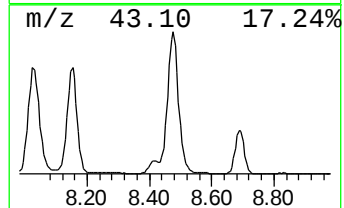
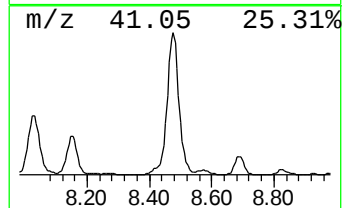
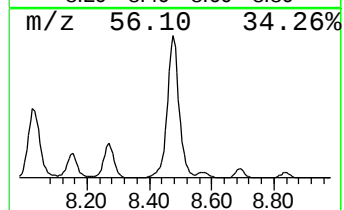
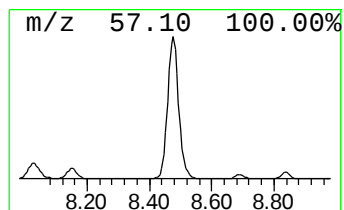
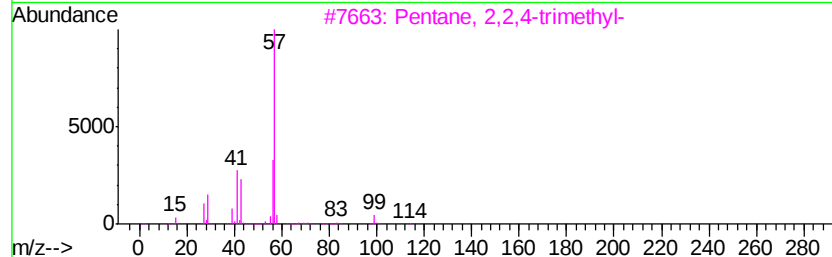
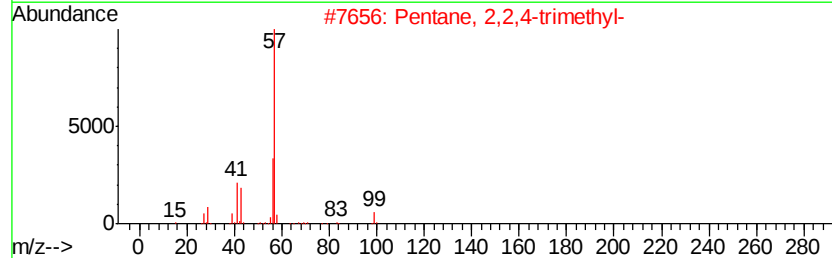
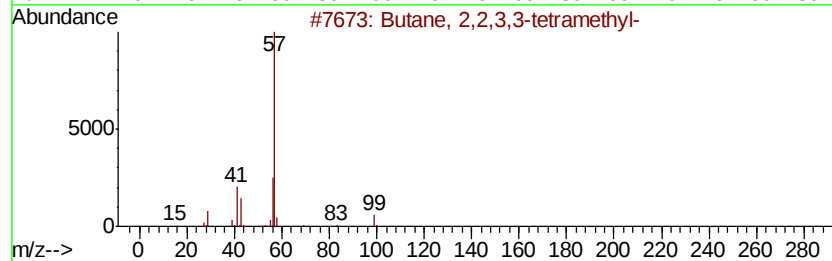
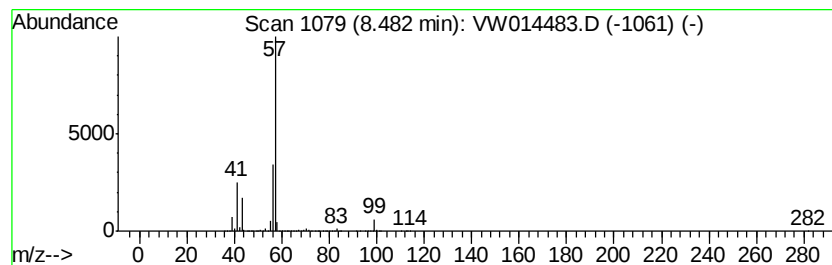
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	58.67 ug/L	7876090	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	83
2		Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	83
3		Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	83
4		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	83
5		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

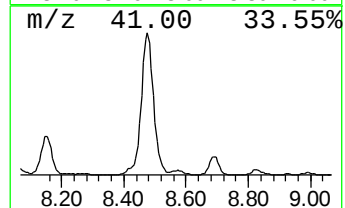
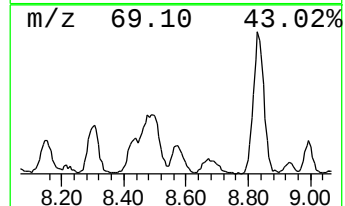
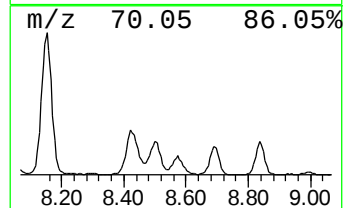
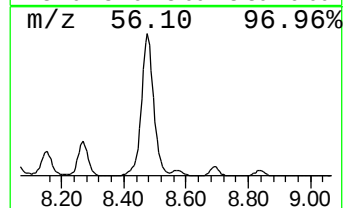
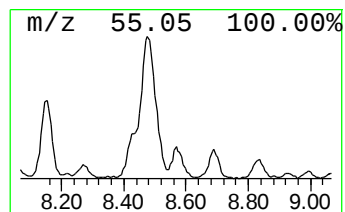
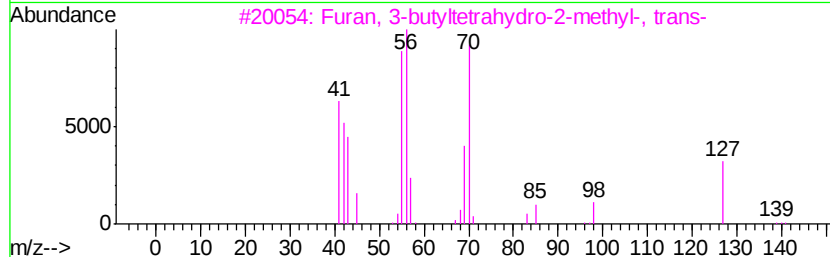
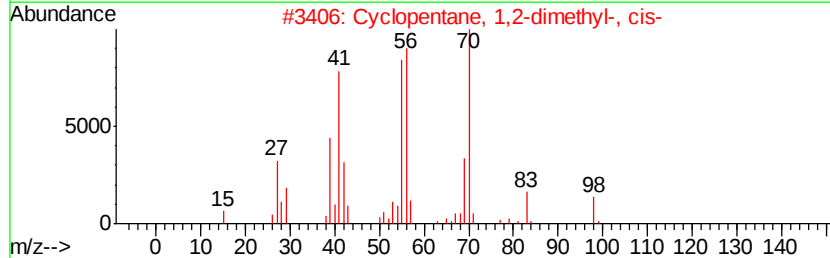
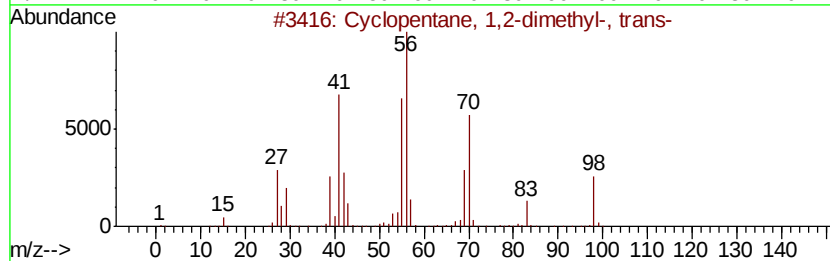
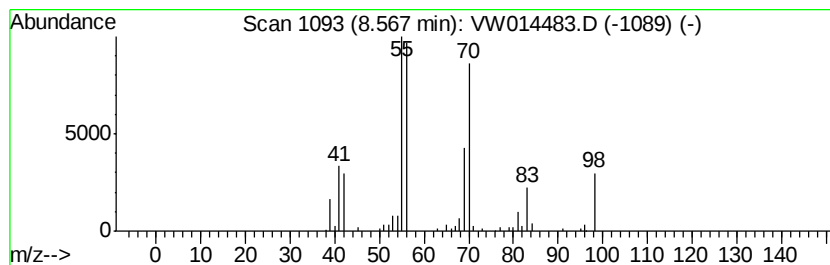
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Cyclic8.57 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	1.75 ug/L	234298	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	80
2			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	59
3			Furan, 3-butyltetrahydro-2-methyl...	142	C9H18O	036712-20-6	59
4			Heptane, 4-chloro-	134	C7H15Cl	000998-95-8	53
5			1-Heptene	98	C7H14	000592-76-7	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
 Data File : VW014483.D
 Acq On : 28 Dec 2019 00:24
 Operator : SY/VA
 Sample : K6397-01
 Misc : 5.58G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETK90

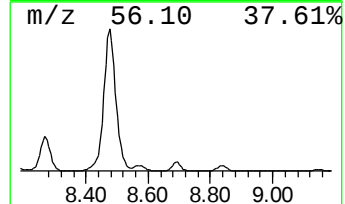
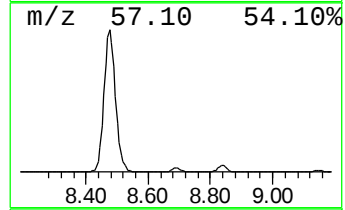
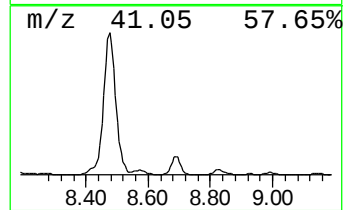
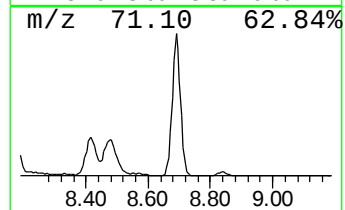
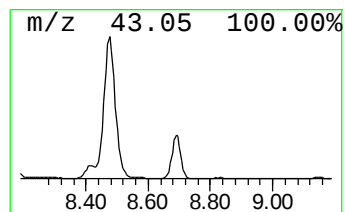
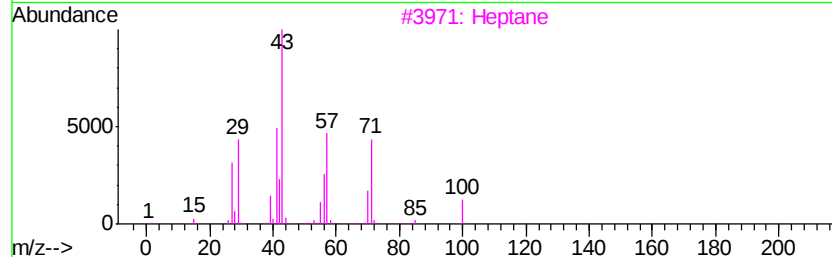
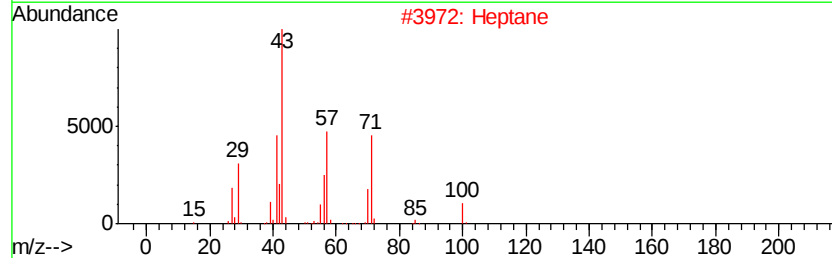
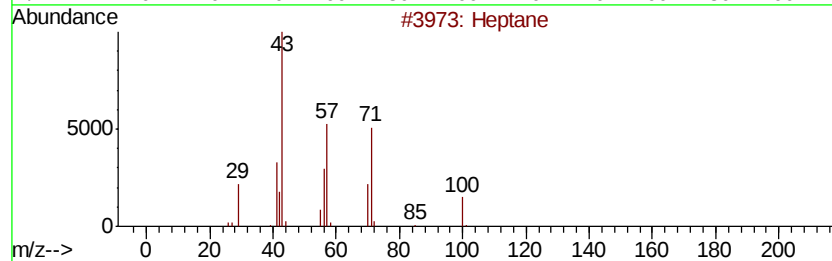
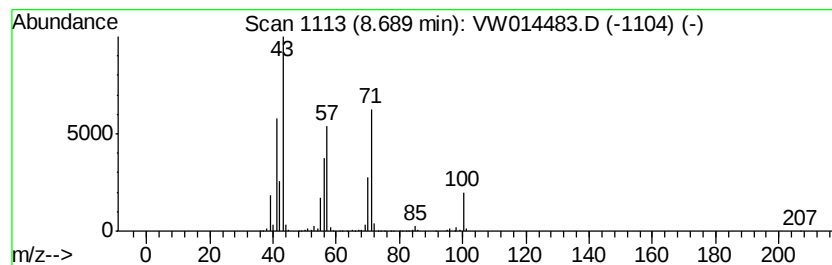
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 Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	5.29 ug/L	710218	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	91
2		Heptane	100	C7H16	000142-82-5	87
3		Heptane	100	C7H16	000142-82-5	62
4		Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	42
5		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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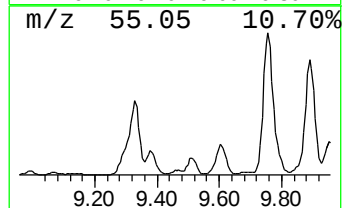
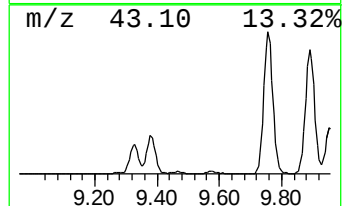
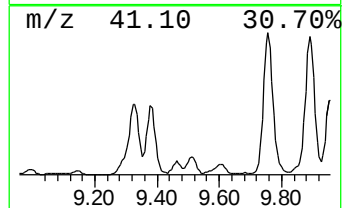
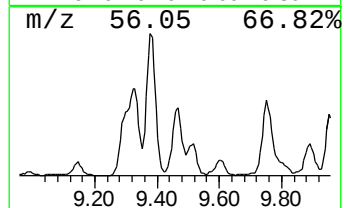
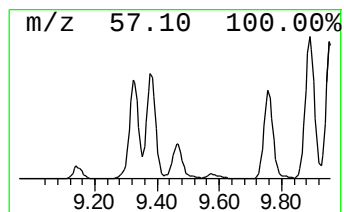
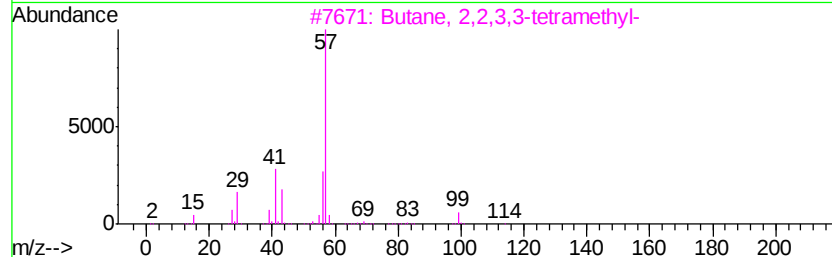
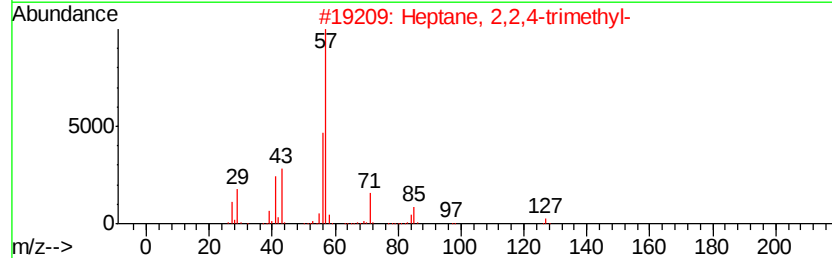
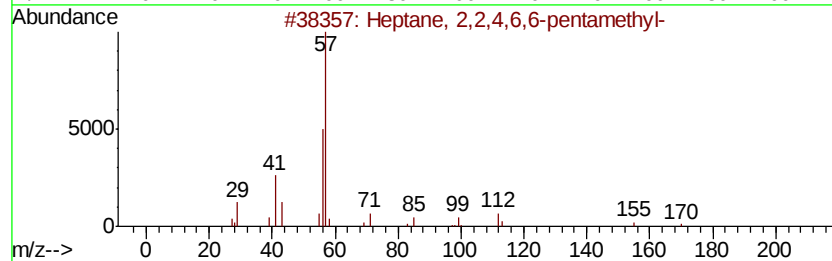
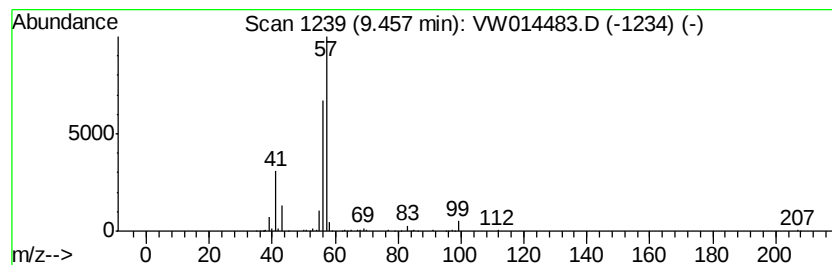
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Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	1.35 ug/L	180698	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	50
2		Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	50
3		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	47
4		Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	45
5		Pentane, 3-methyl-	86	C6H14	000096-14-0	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

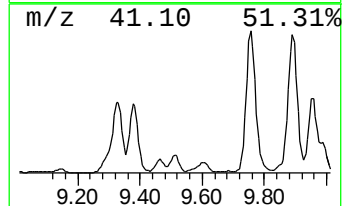
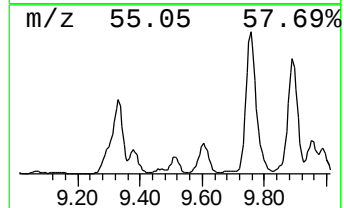
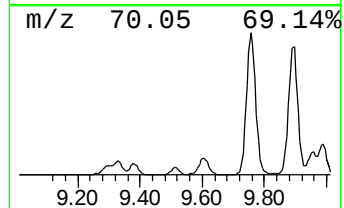
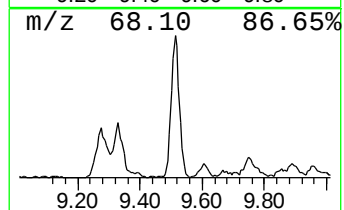
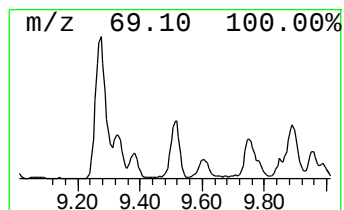
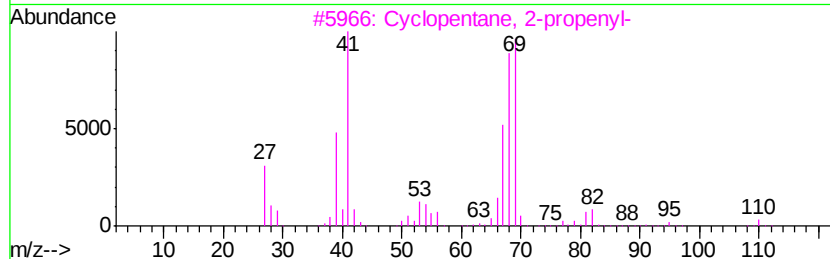
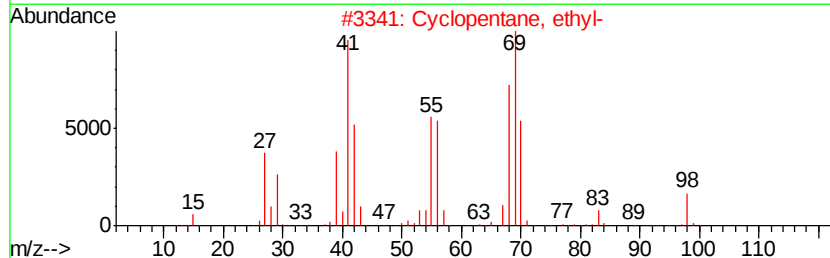
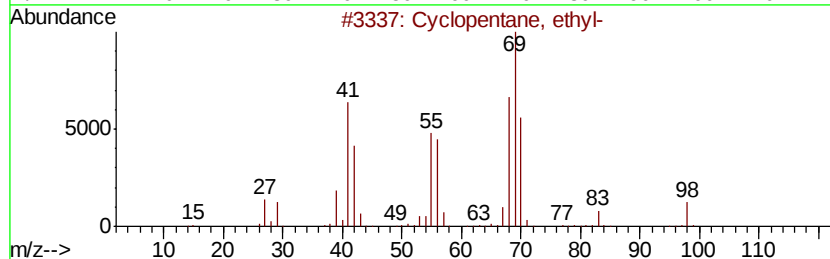
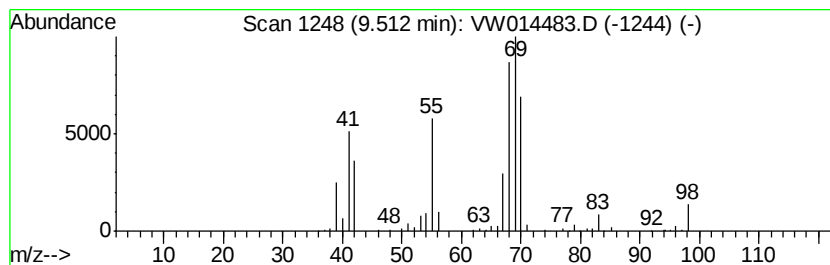
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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Cyclic9.51 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	1.95 ug/L	262235	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, ethyl-	98	C7H14	001640-89-7	83
2			Cyclopentane, ethyl-	98	C7H14	001640-89-7	56
3			Cyclopentane, 2-propenyl-	110	C8H14	003524-75-2	38
4			4-Methyl-2-hexene,c&t	98	C7H14	003404-55-5	38
5			Cyanamide, dimethyl-	70	C3H6N2	001467-79-4	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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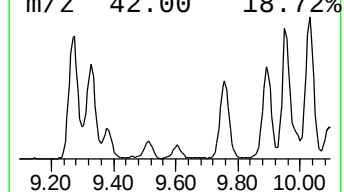
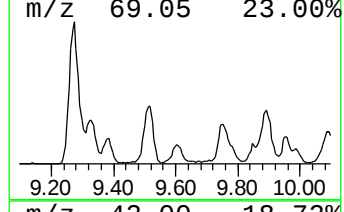
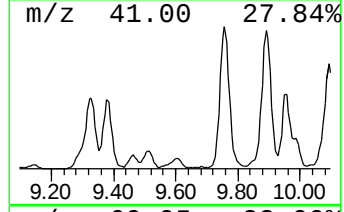
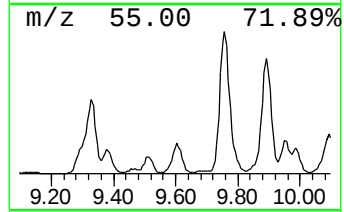
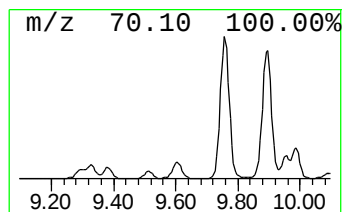
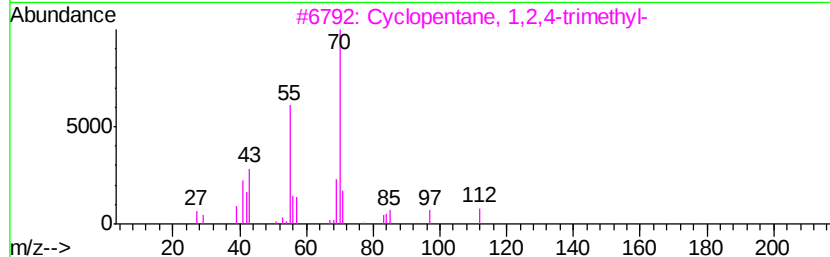
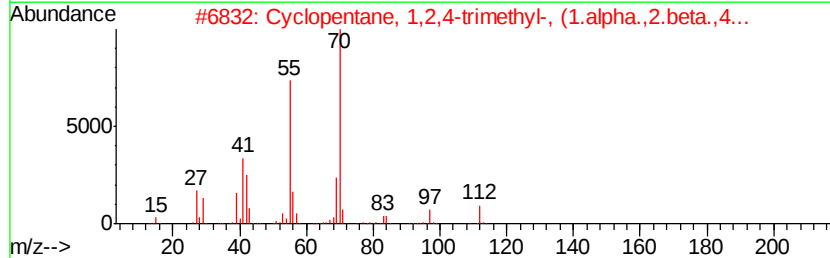
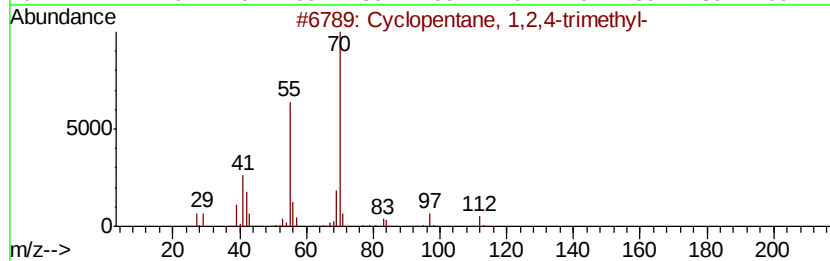
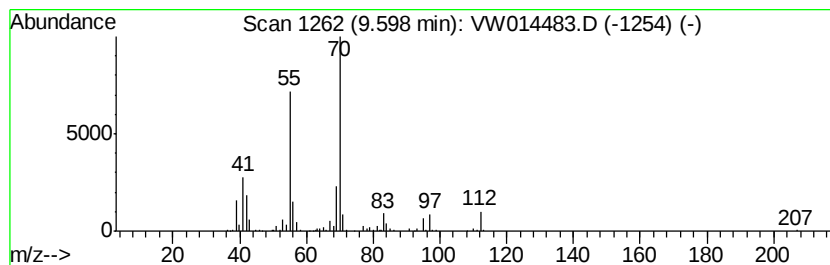
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Cyclic9.60 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	2.35 ug/L	315223	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	90
2		Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	90
3		Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	86
4		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	80
5		Heptane, 3-methylene-	112	C8H16	001632-16-2	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

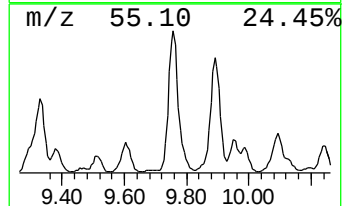
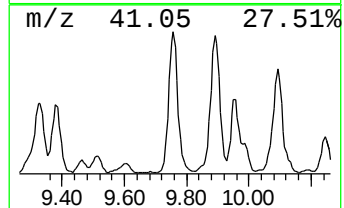
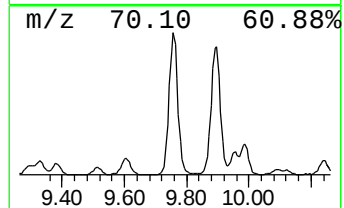
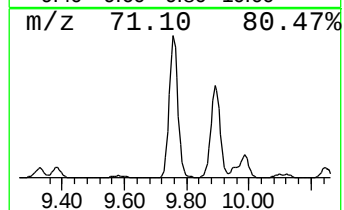
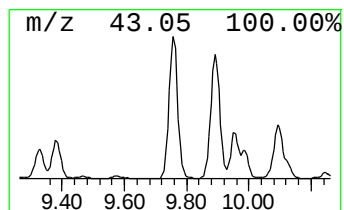
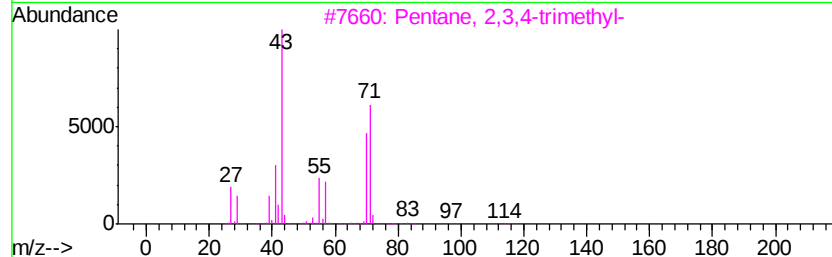
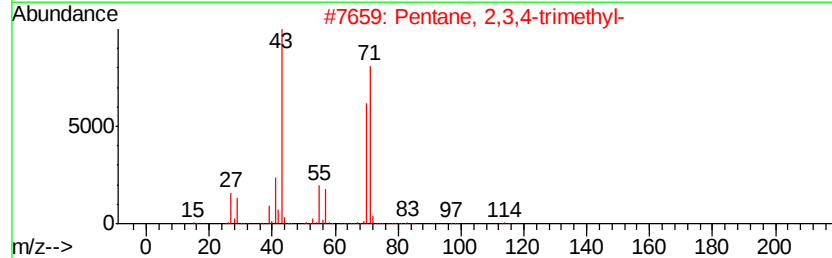
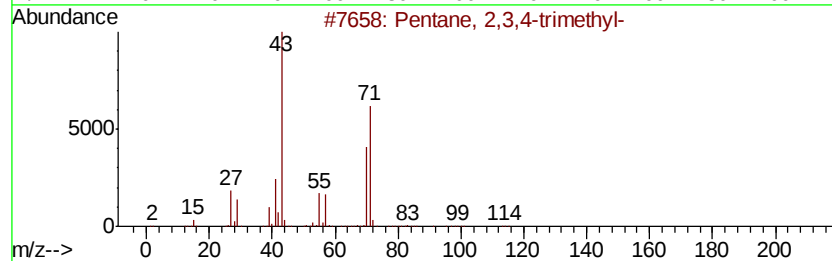
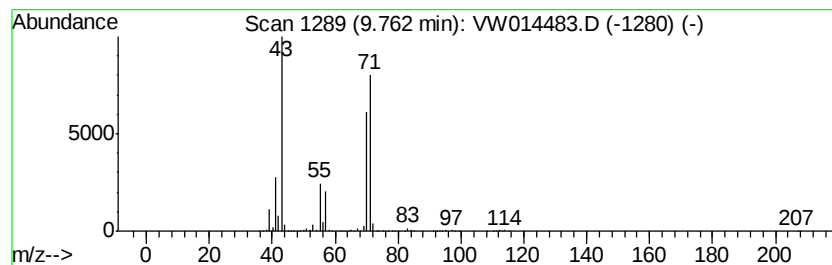
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Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	27.09 ug/L	3636800	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-			114	C8H18	000565-75-3	91
2	Pentane, 2,3,4-trimethyl-			114	C8H18	000565-75-3	91
3	Pentane, 2,3,4-trimethyl-			114	C8H18	000565-75-3	91
4	Pentane, 2,3,4-trimethyl-			114	C8H18	000565-75-3	90
5	Heptane, 4-methyl-			114	C8H18	000589-53-7	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

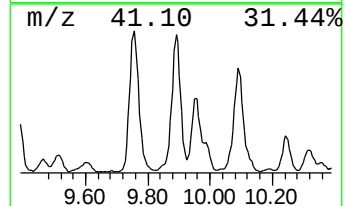
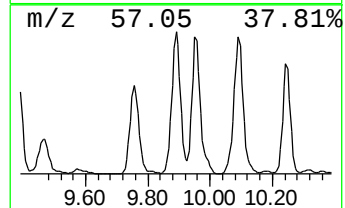
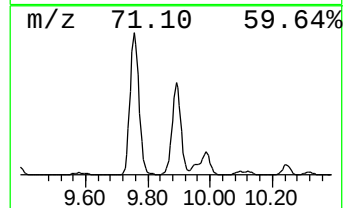
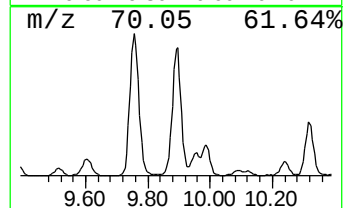
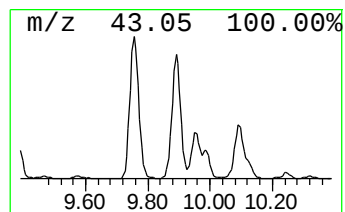
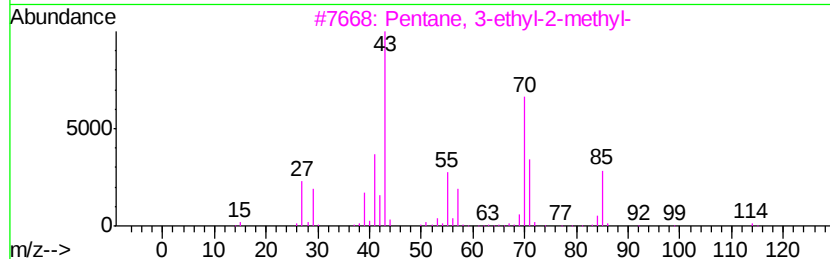
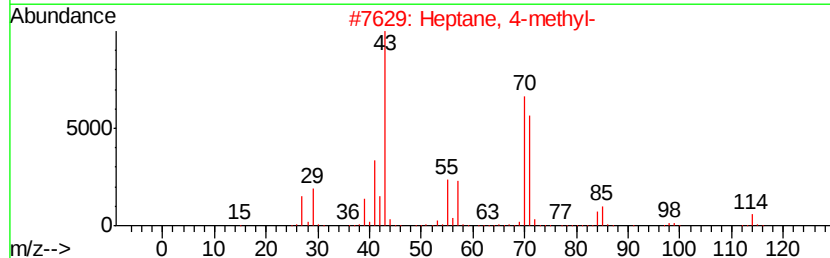
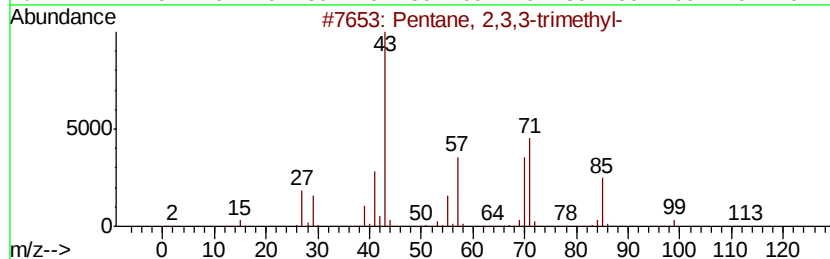
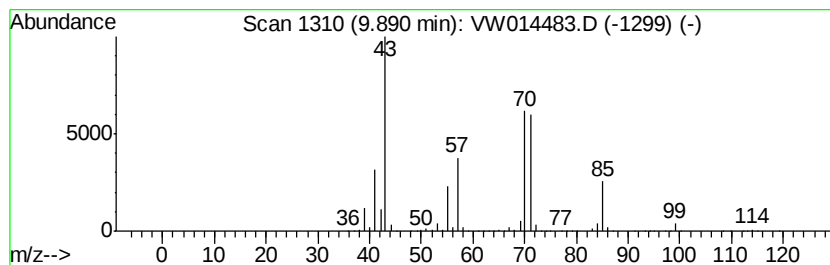
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Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	26.31 ug/L	3531630	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	80
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		Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

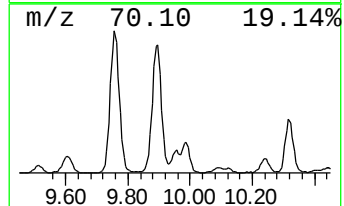
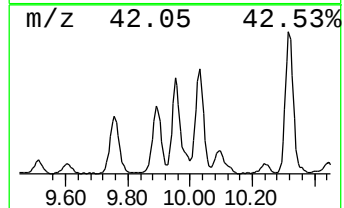
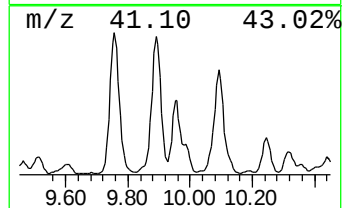
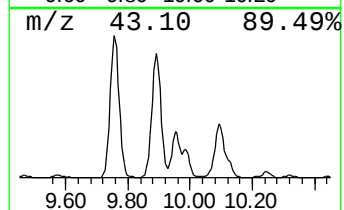
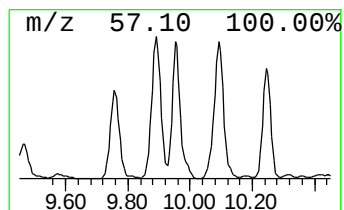
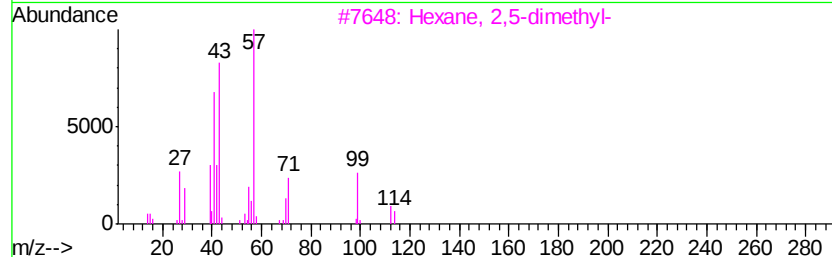
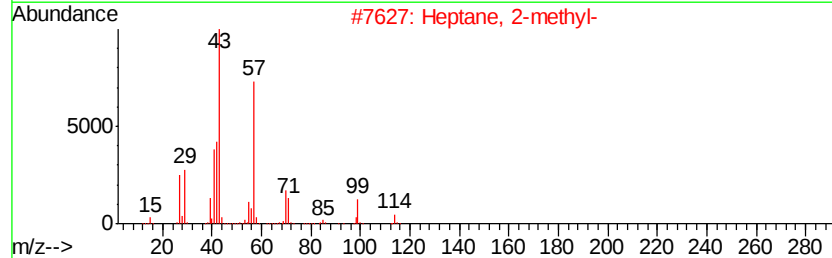
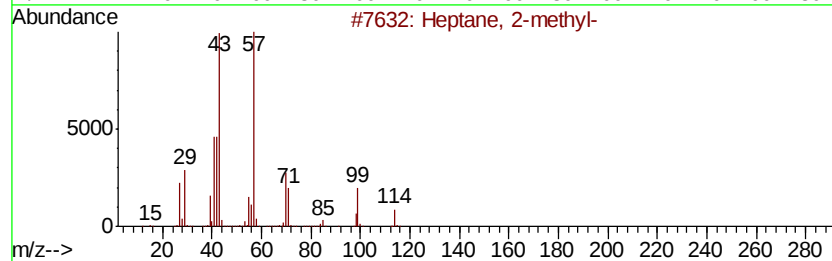
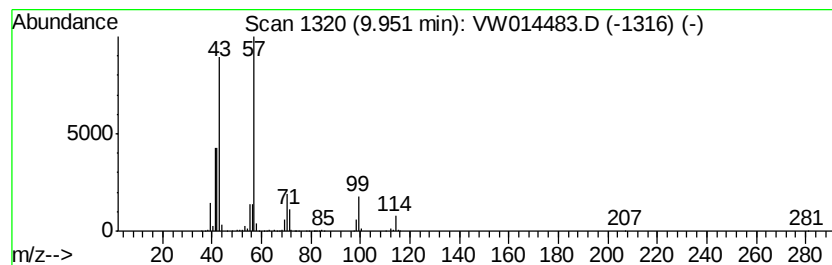
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	7.10 ug/L	953728	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2-methyl-	114	C8H18	000592-27-8	90
2			Heptane, 2-methyl-	114	C8H18	000592-27-8	87
3			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	80
4			Heptane, 2-methyl-	114	C8H18	000592-27-8	64
5			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

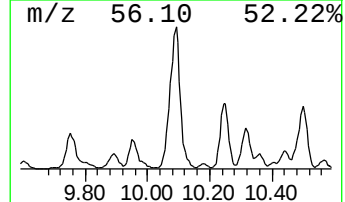
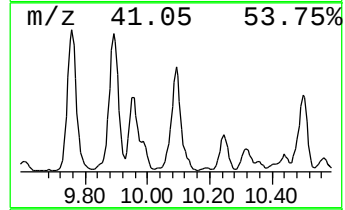
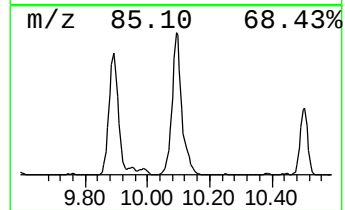
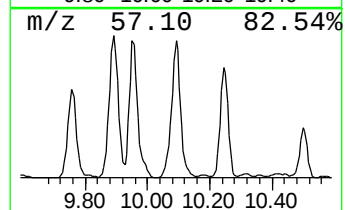
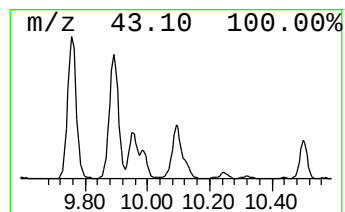
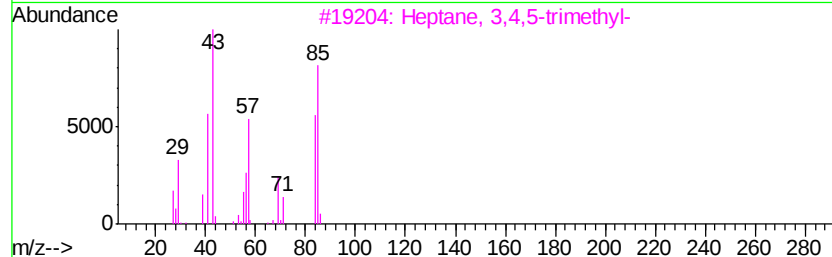
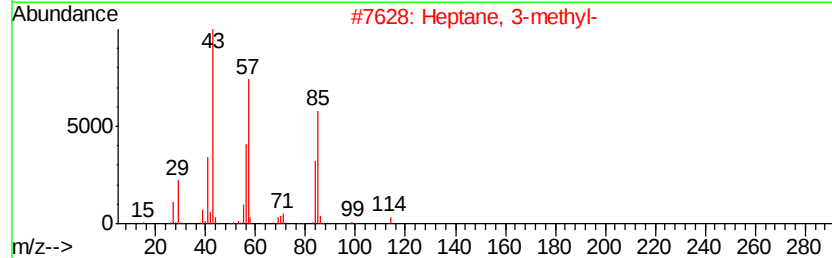
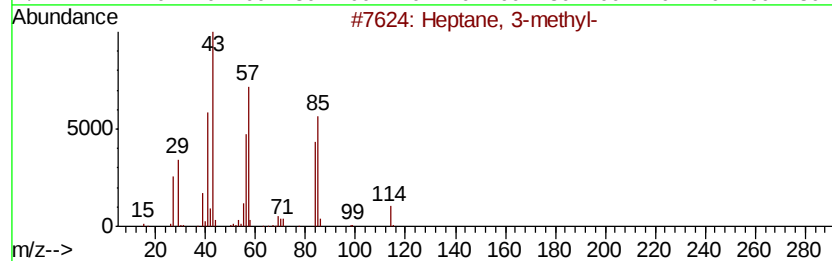
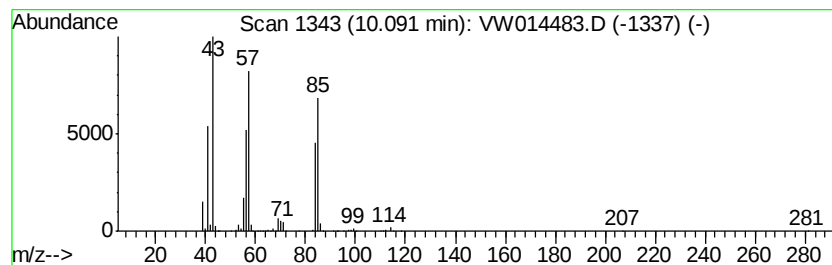
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Quant Title : VOC Analysis

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	15.53 ug/L	2084570	1,4-Difluorobenzene	8.84

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	72
3		Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
4		Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	53
5		Hexyl n-valerate	186	C11H22O2	001117-59-5	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

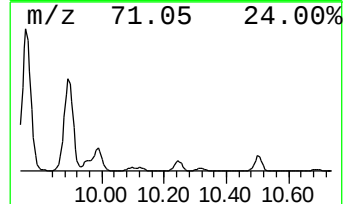
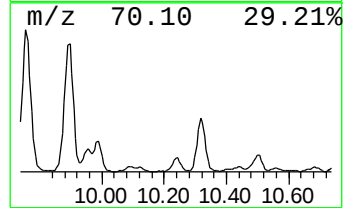
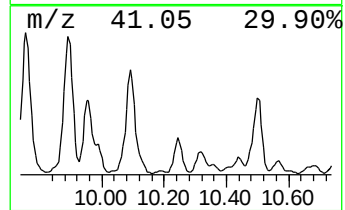
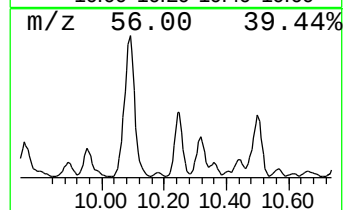
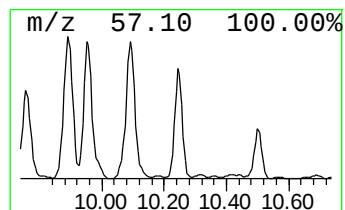
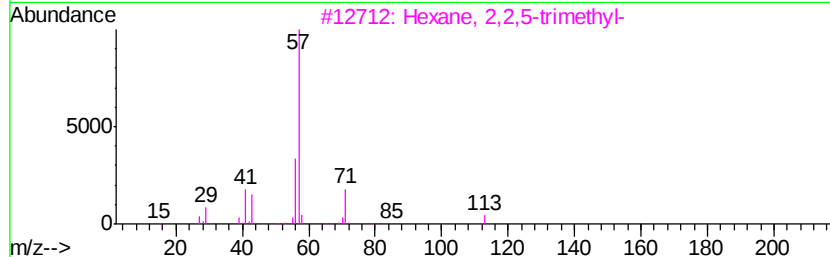
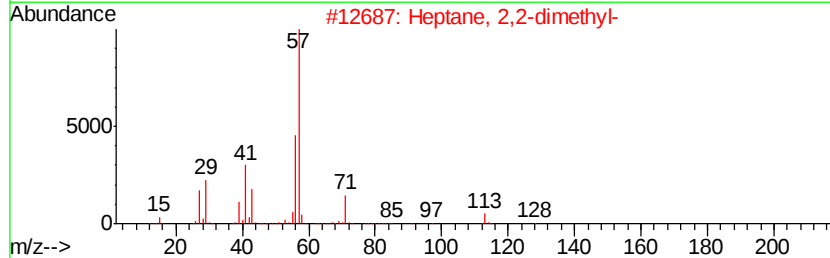
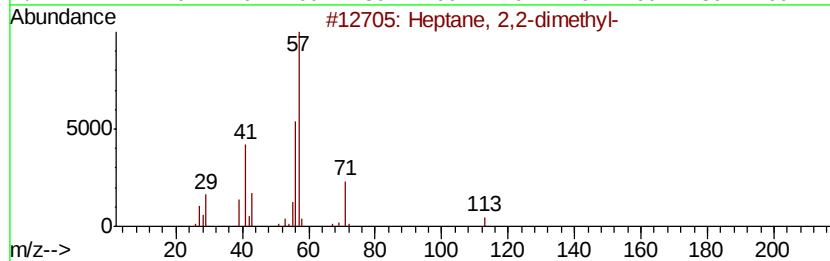
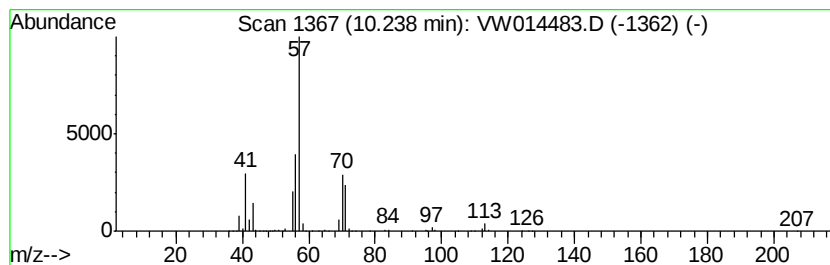
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Quant Title : VOC Analysis

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	3.97 ug/L	615746	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	53
2		Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	53
3		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	53
4		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50
5		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

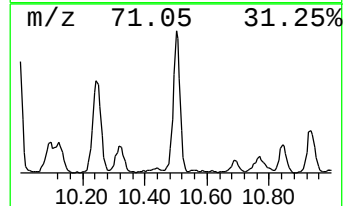
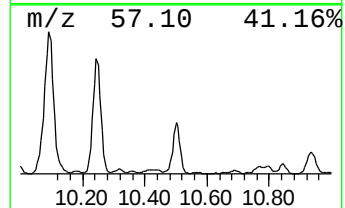
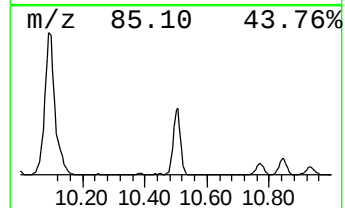
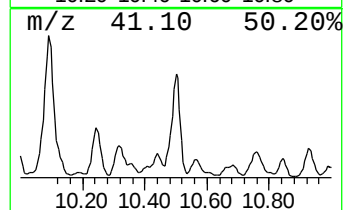
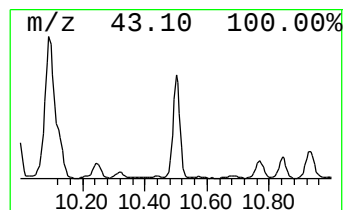
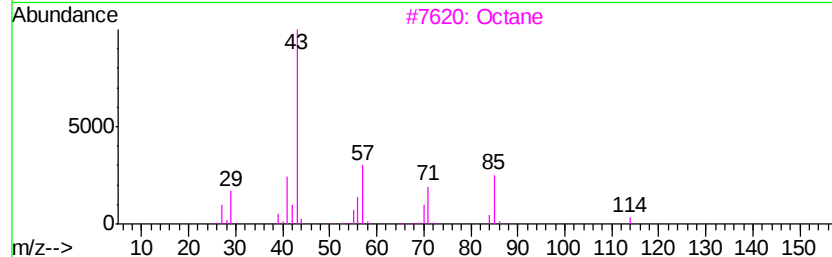
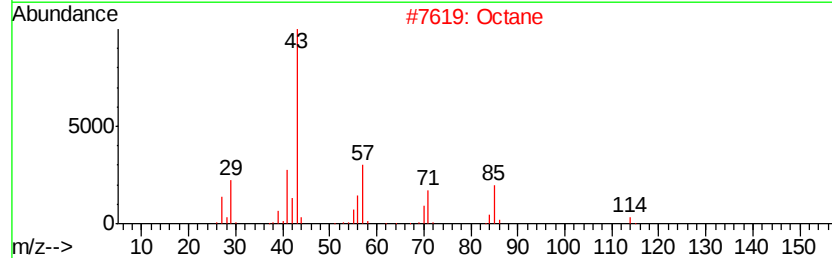
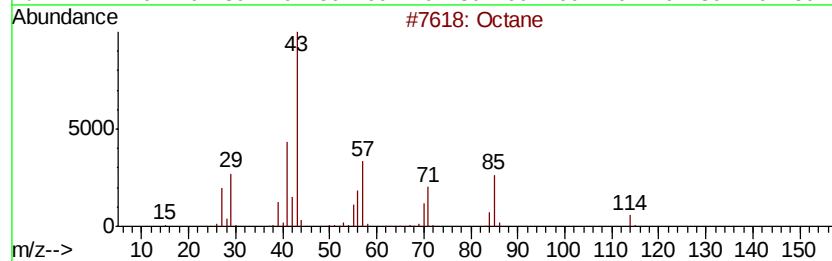
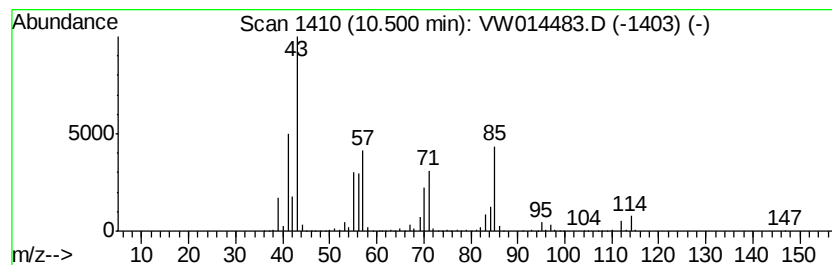
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Quant Title : VOC Analysis

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	8.96 ug/L	1389430	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane	114	C8H18	000111-65-9	90
2			Octane	114	C8H18	000111-65-9	80
3			Octane	114	C8H18	000111-65-9	64
4			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
5			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

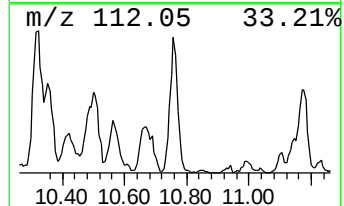
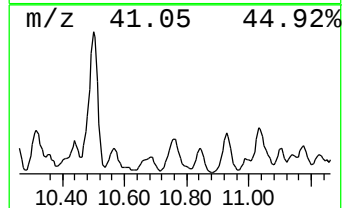
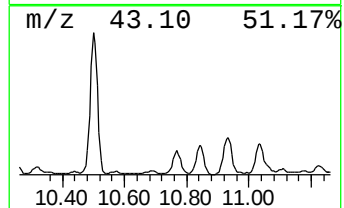
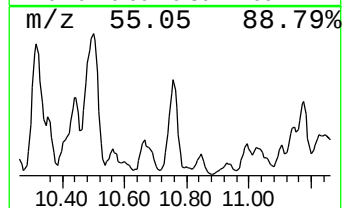
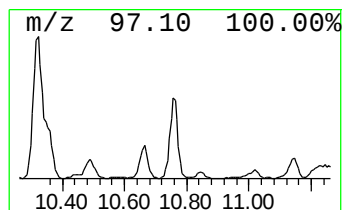
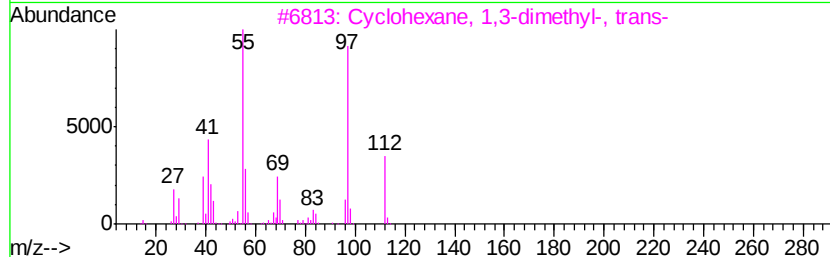
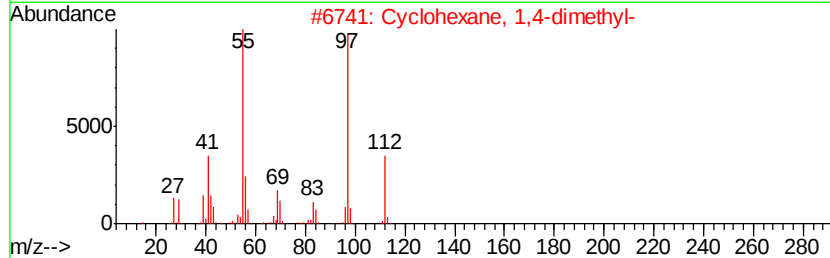
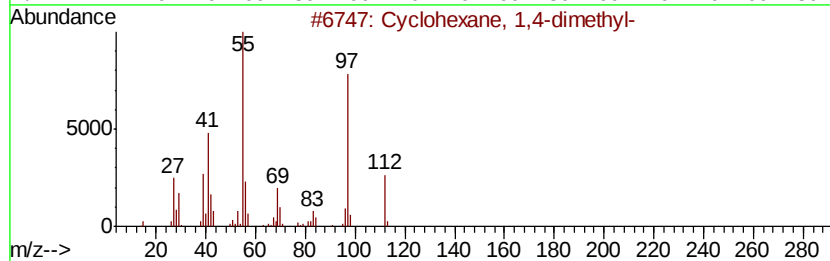
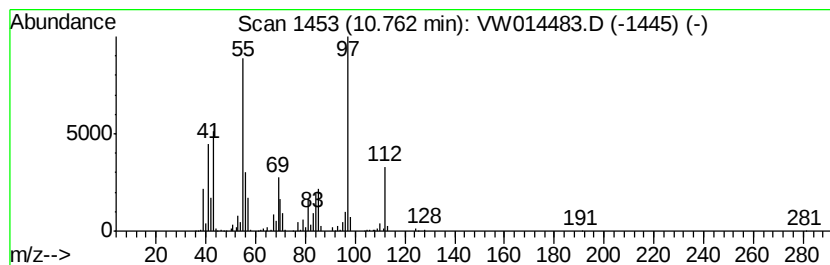
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Quant Title : VOC Analysis

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

Peak Number 24 (DEL) Alkane: Cyclic10.76 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	3.67 ug/L	569894	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	83
2			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	83
3			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	81
4			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	81
5			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
 Data File : VW014483.D
 Acq On : 28 Dec 2019 00:24
 Operator : SY/VA
 Sample : K6397-01
 Misc : 5.58G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETK90

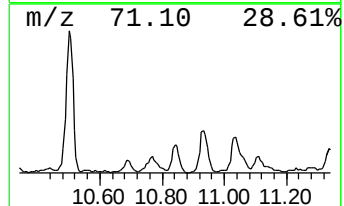
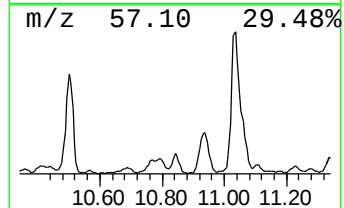
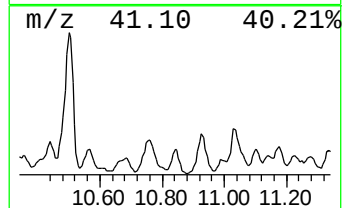
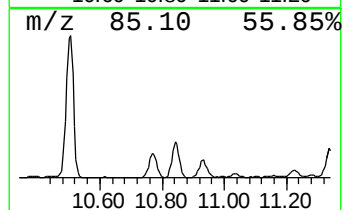
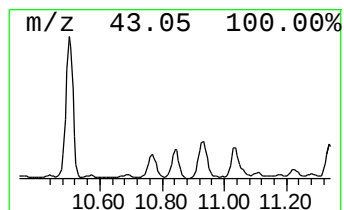
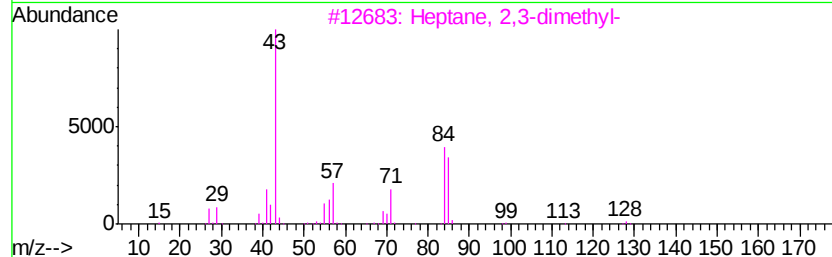
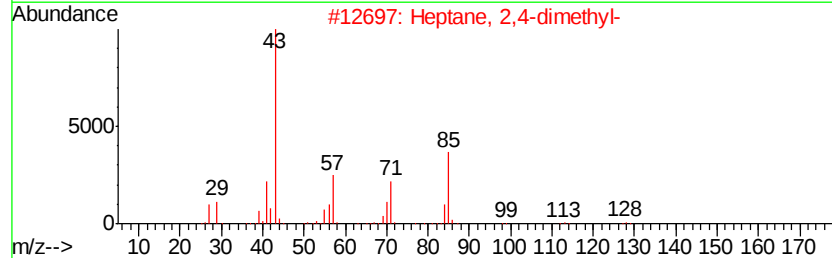
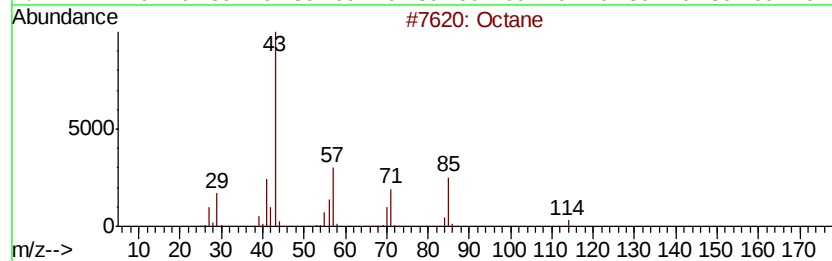
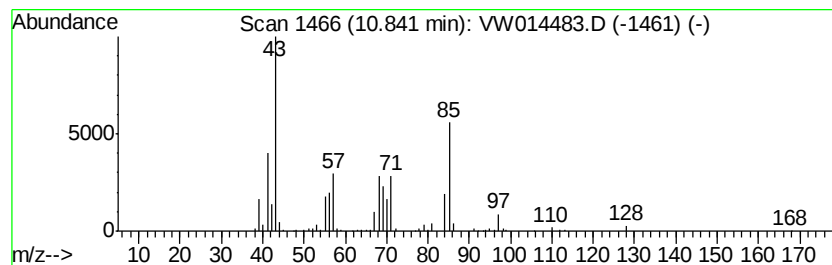
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 Quant Title : VOC Analysis

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

 Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	1.81 ug/L	280036	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane	114	C8H18	000111-65-9	50
2			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50
3			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	49
4			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	47
5			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

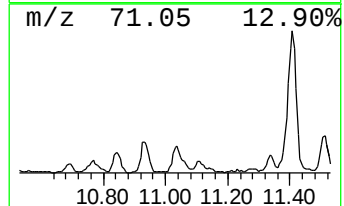
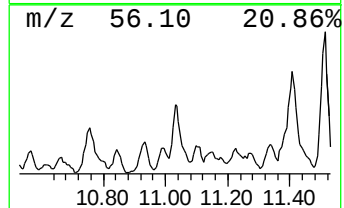
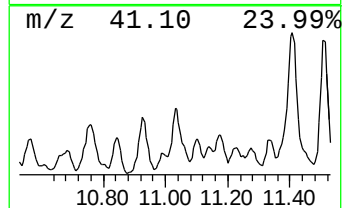
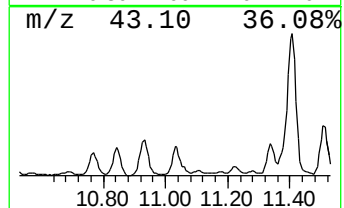
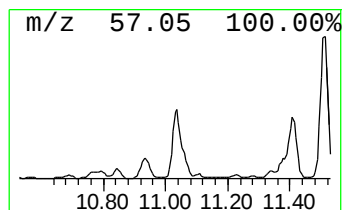
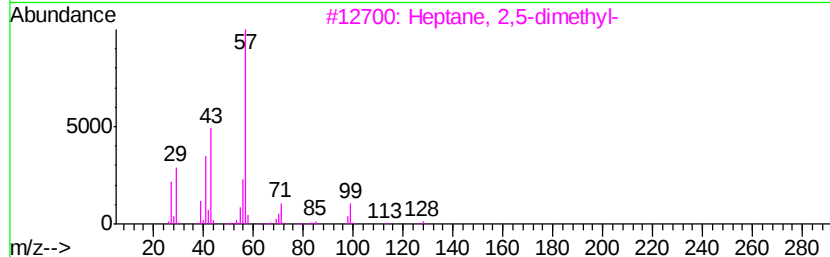
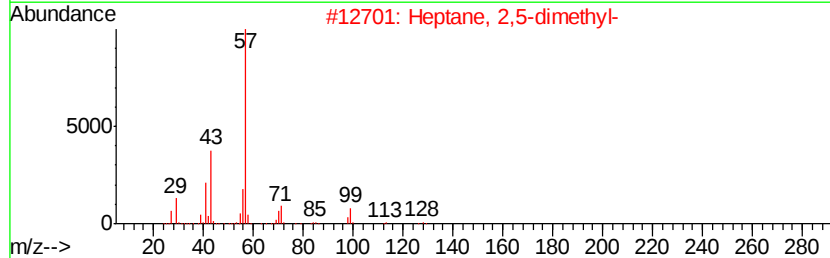
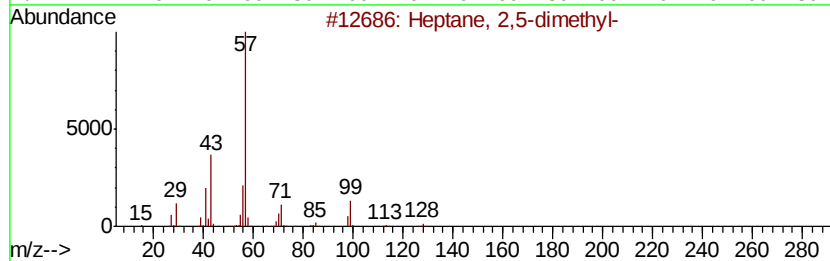
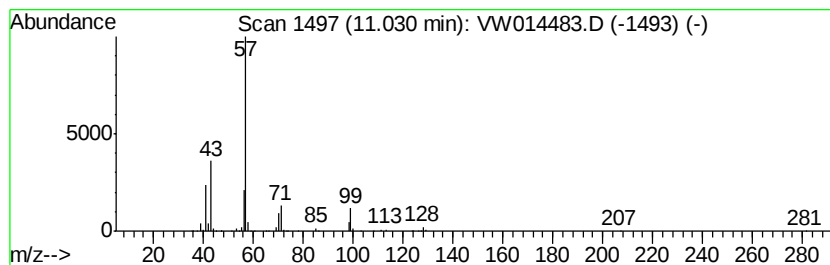
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Quant Title : VOC Analysis

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	2.59 ug/L	401797	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
2		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
4		Octane, 3-methyl-	128	C9H20	002216-33-3	87
5		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

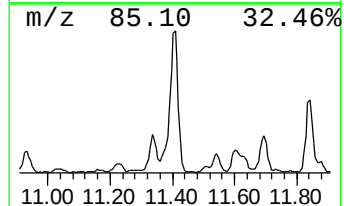
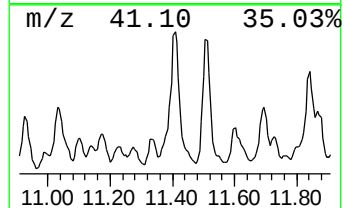
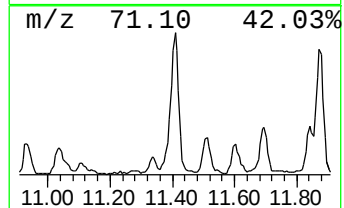
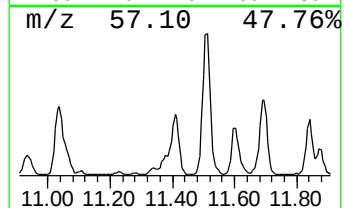
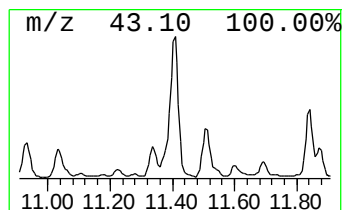
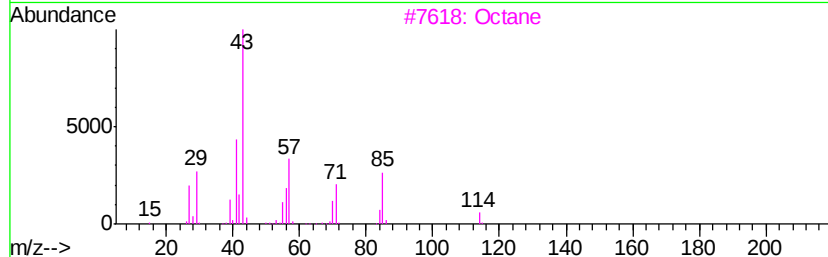
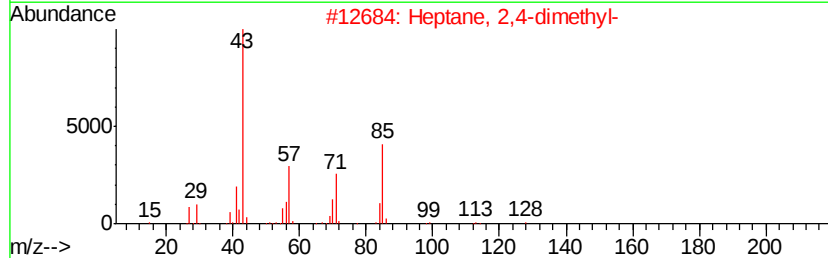
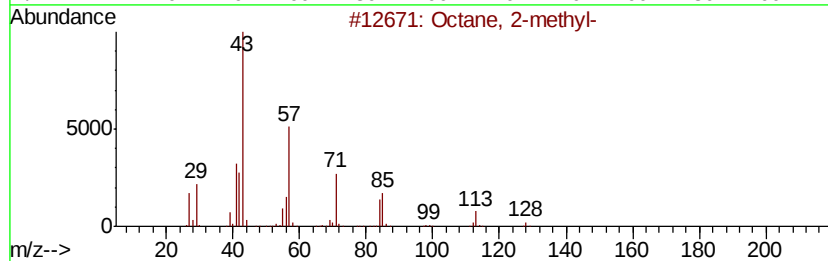
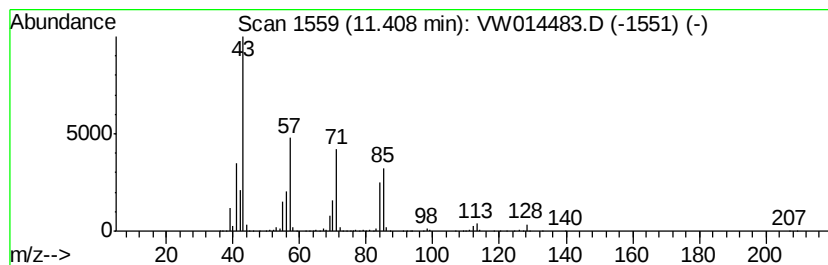
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	8.59 ug/L	1331900	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2-methyl-	128	C9H20	003221-61-2	80
2			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
3			Octane	114	C8H18	000111-65-9	59
4			Octane, 4-methyl-	128	C9H20	002216-34-4	59
5			Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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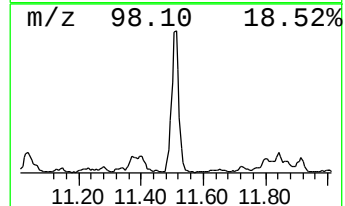
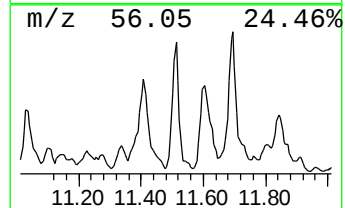
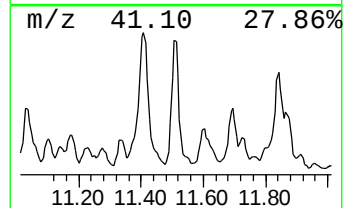
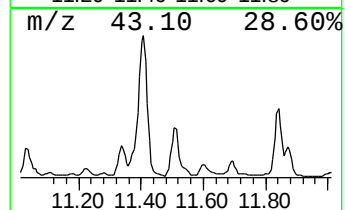
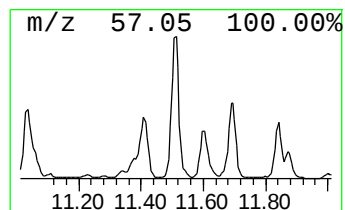
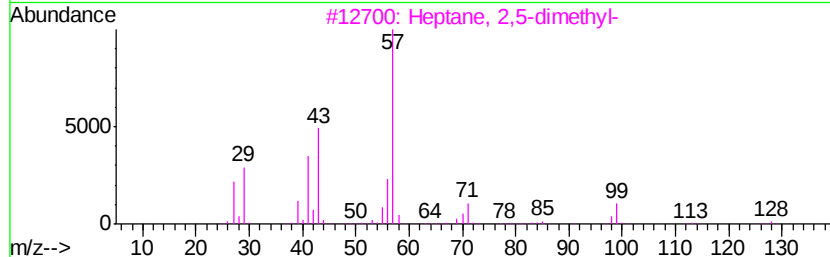
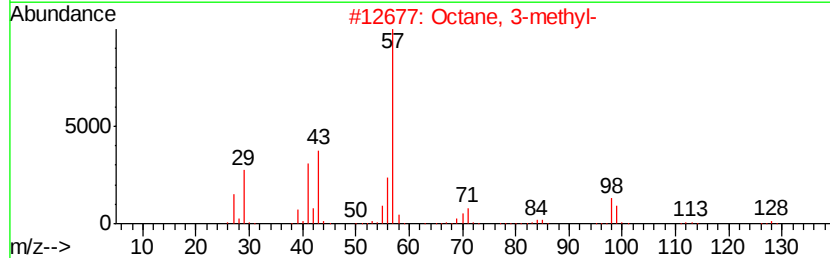
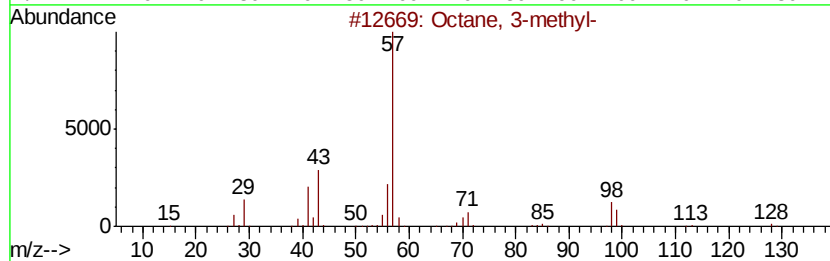
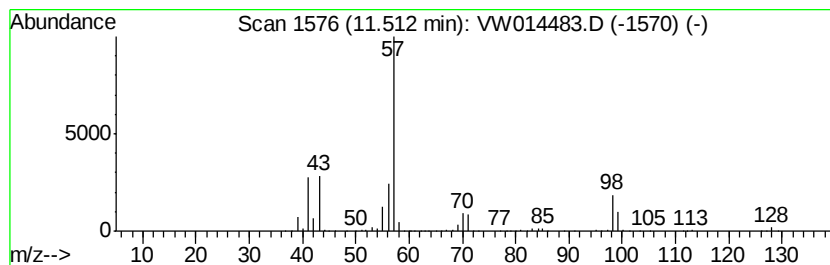
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Quant Title : VOC Analysis

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	5.33 ug/L	825990	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3-methyl-	128	C9H20	002216-33-3	91
2			Octane, 3-methyl-	128	C9H20	002216-33-3	90
3			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	74
4			Octane, 3-methyl-	128	C9H20	002216-33-3	72
5			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

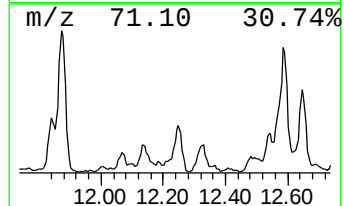
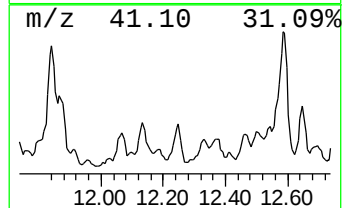
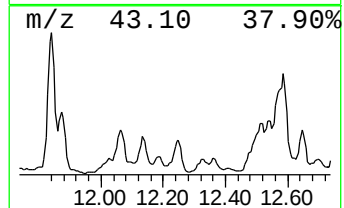
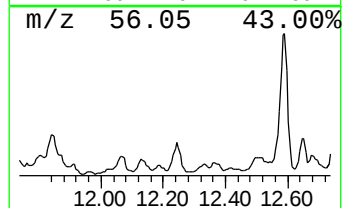
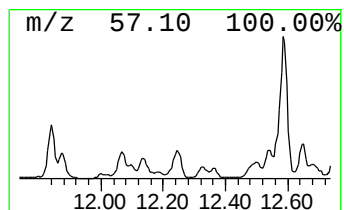
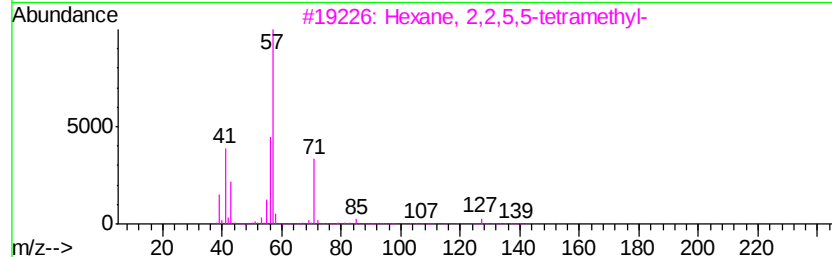
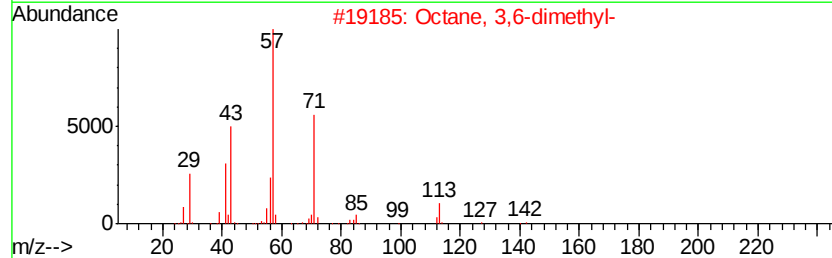
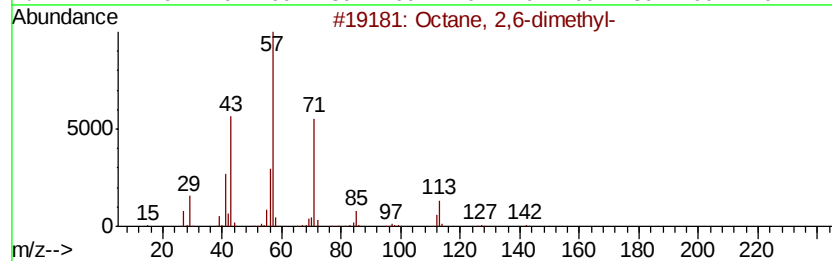
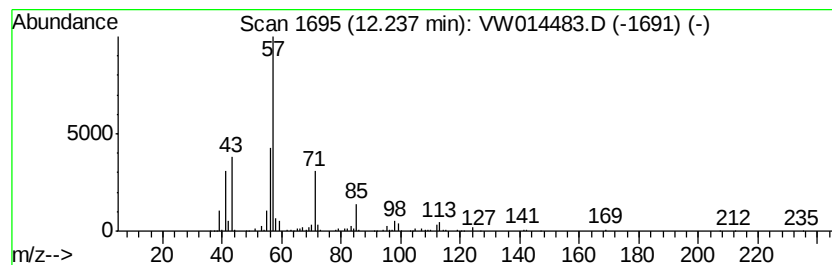
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Quant Title : VOC Analysis

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	1.50 ug/L	232998	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	60
3			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	59
4			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58
5			Undecane, 3-methyl-	170	C12H26	001002-43-3	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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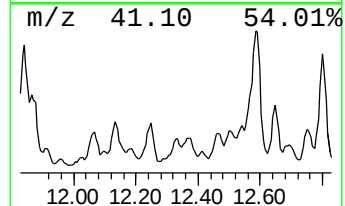
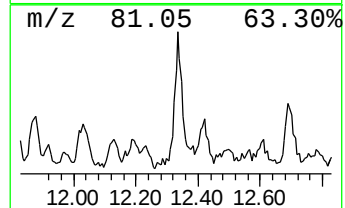
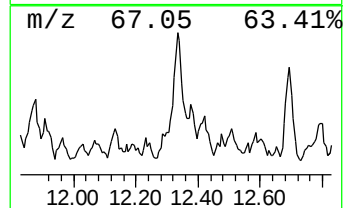
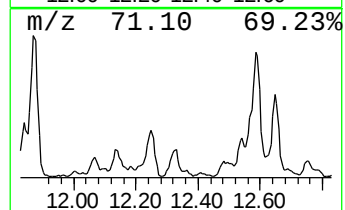
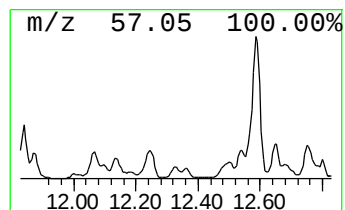
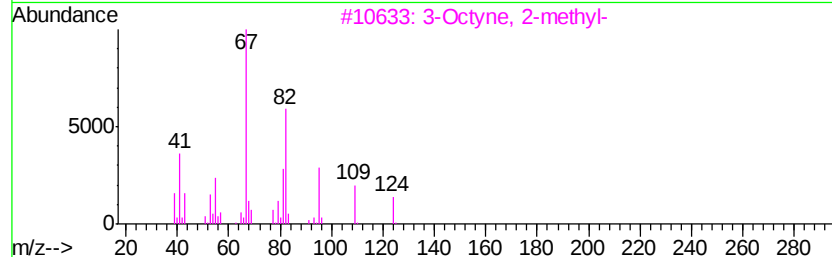
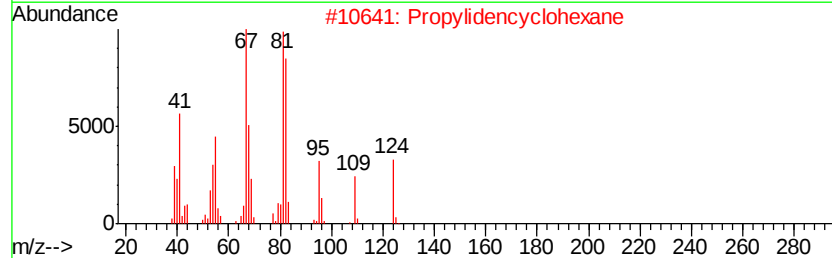
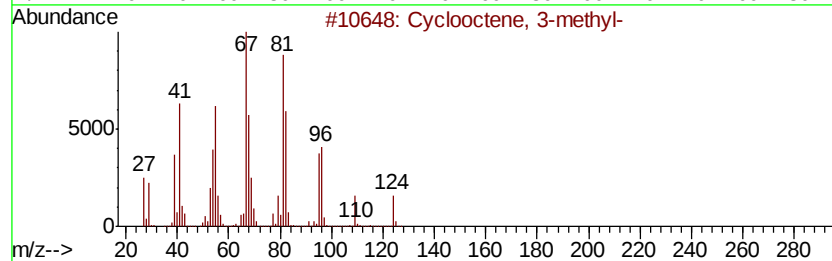
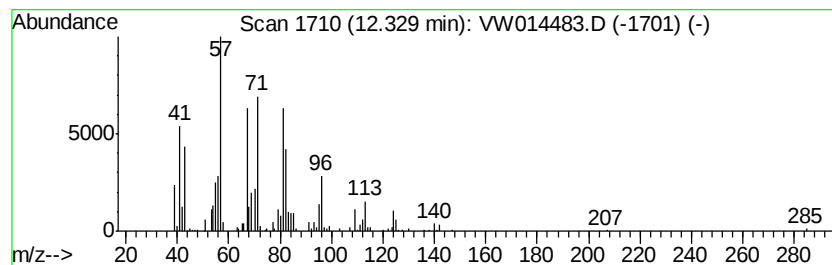
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Quant Title : VOC Analysis

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

Peak Number 30 Cyclooctene, 3-methyl- Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	1.64 ug/L	253759	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	53
2			Propylidencyclohexane	124	C9H16	002129-93-3	49
3			3-Octyne, 2-methyl-	124	C9H16	055402-15-8	46
4			Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	45
5			1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

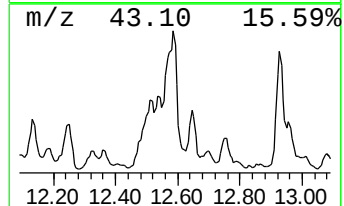
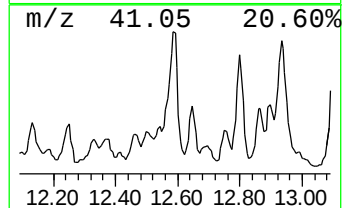
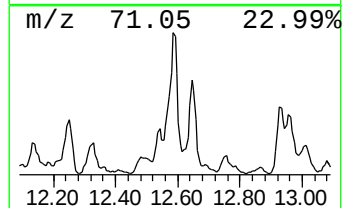
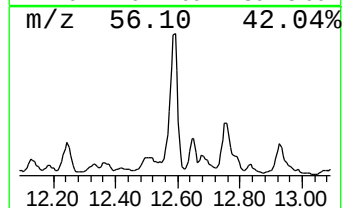
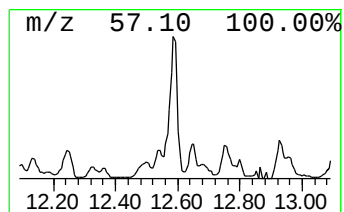
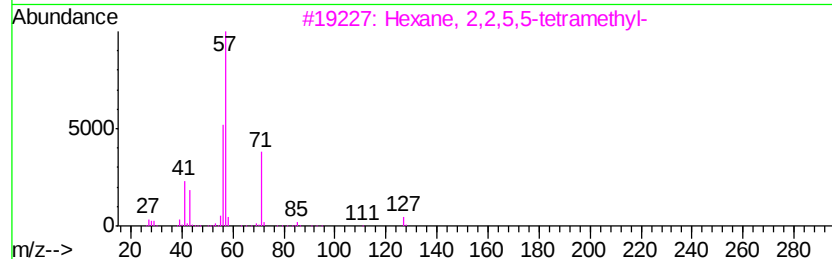
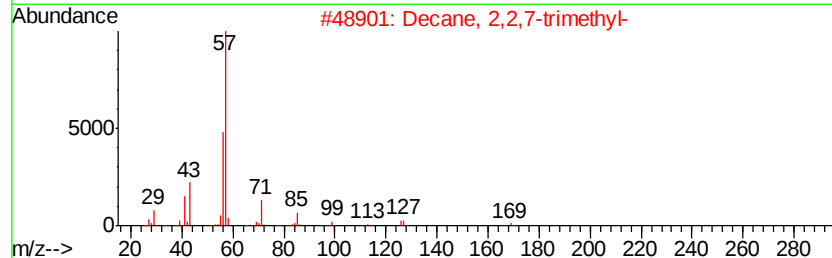
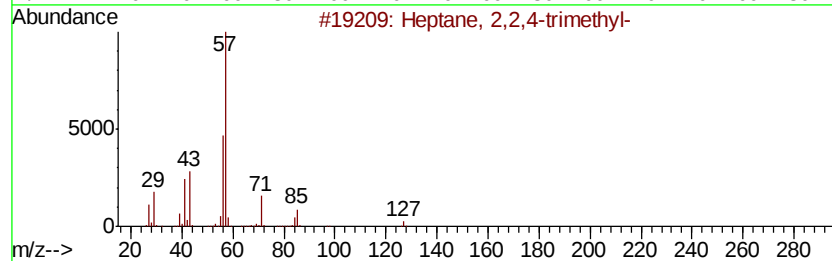
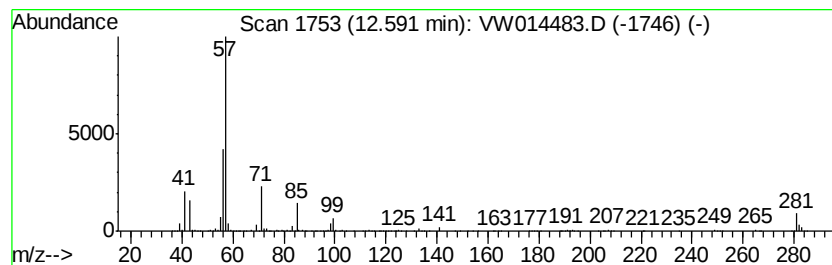
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Quant Title : VOC Analysis

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	3.79 ug/L	1056100	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	59
2			Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	59
3			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
4			Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	50
5			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

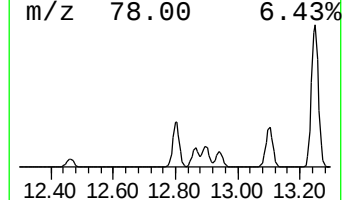
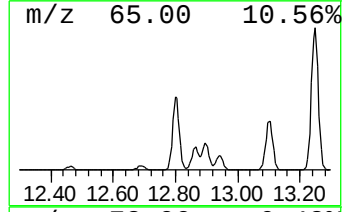
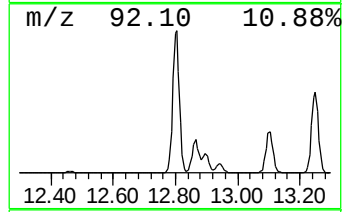
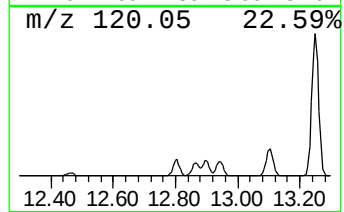
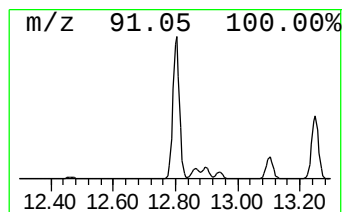
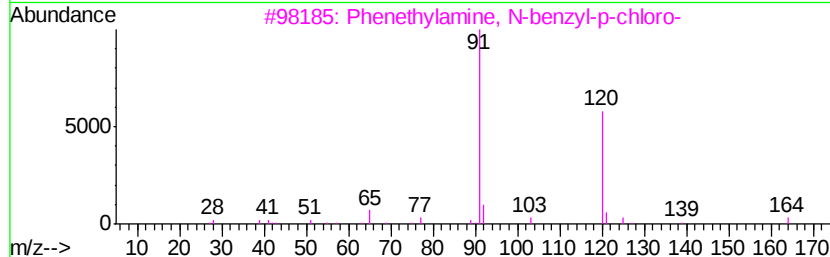
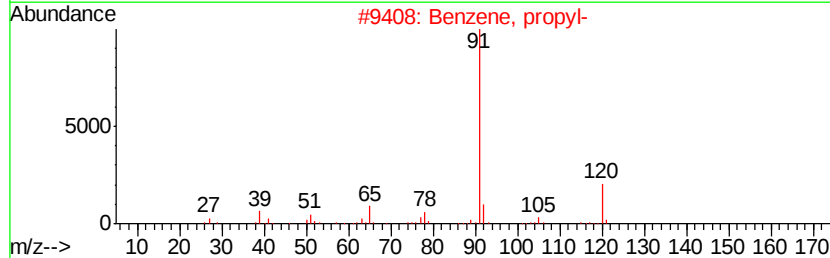
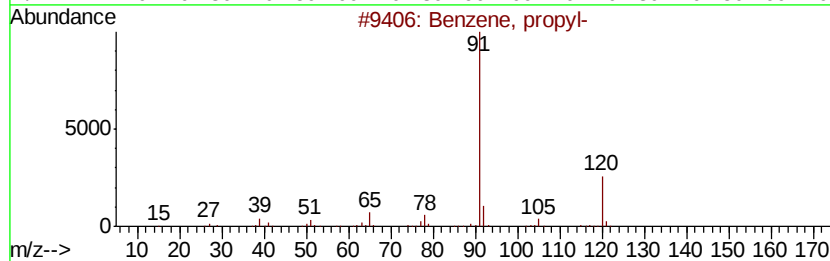
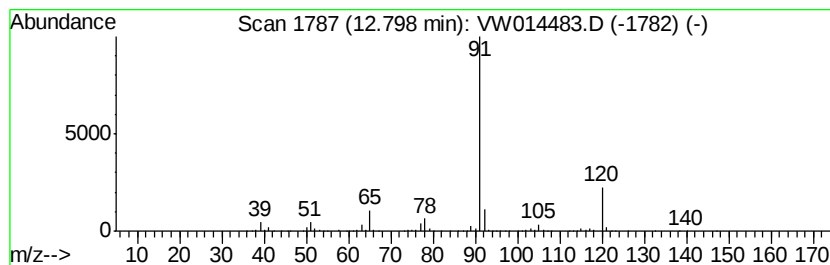
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Quant Title : VOC Analysis

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

Peak Number 32 Benzene, propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	17.39 ug/L	4847680	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	90
2		Benzene, propyl-	120	C9H12	000103-65-1	90
3		Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
4		Propanenitrile, 3-[(phenylmethyl)...	160	C10H12N2	000706-03-6	64
5		Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

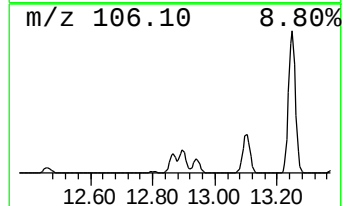
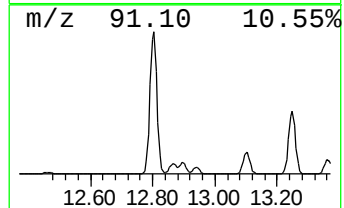
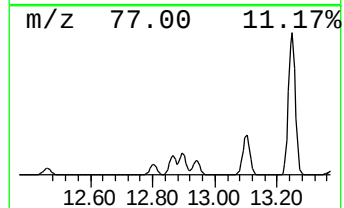
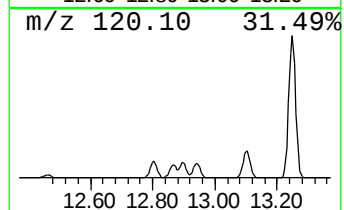
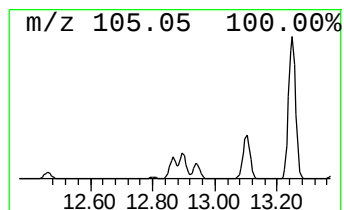
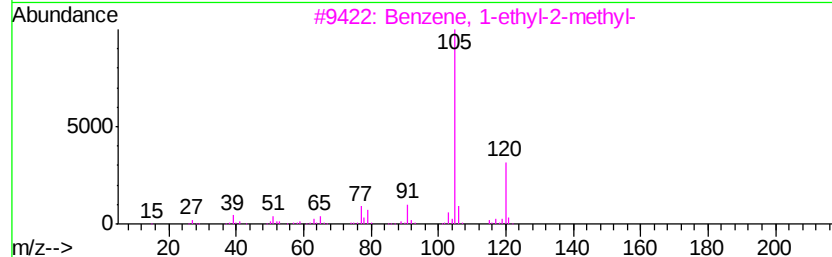
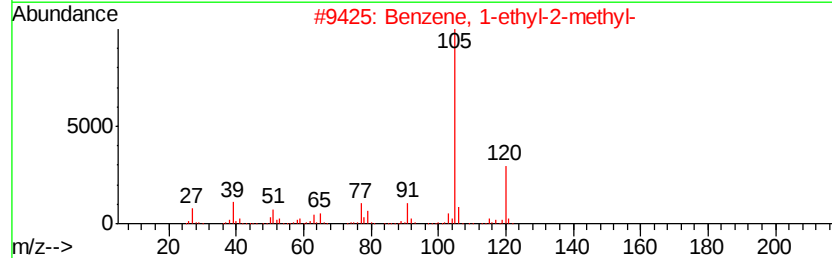
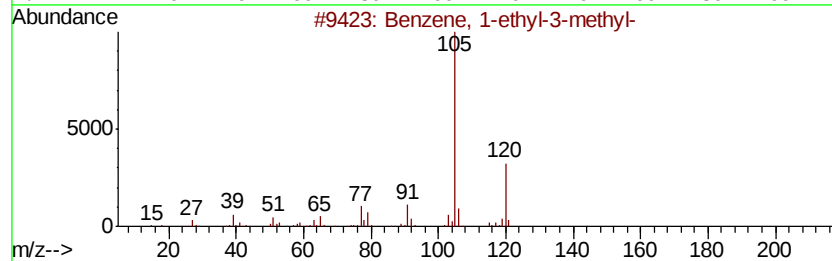
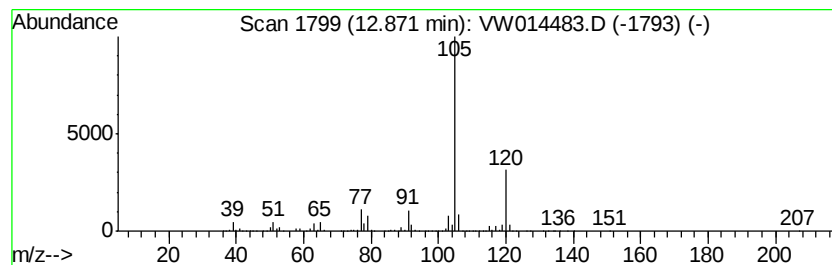
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Quant Title : VOC Analysis

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

Peak Number 33 Benzene, 1-ethyl-3-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	13.20 ug/L	3681120	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
5		Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

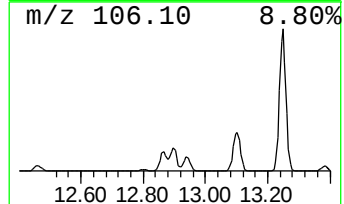
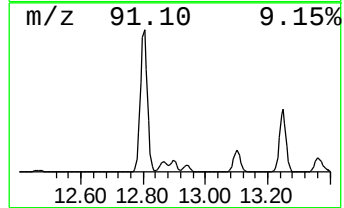
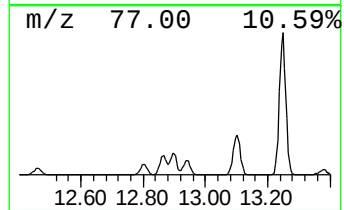
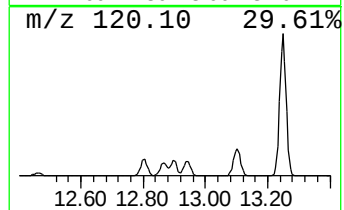
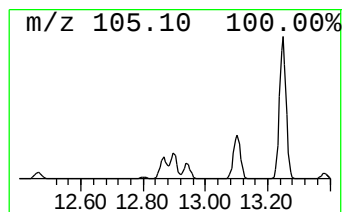
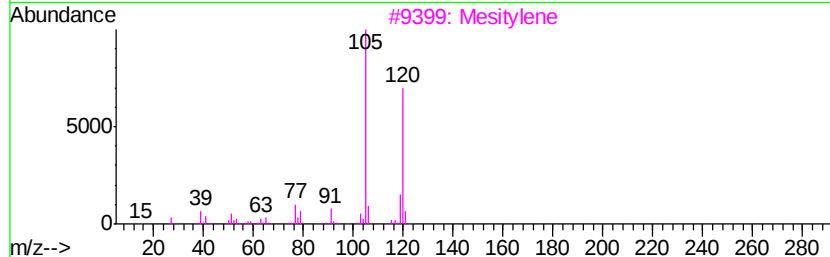
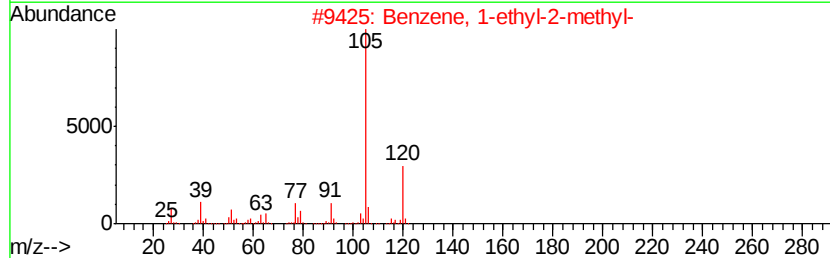
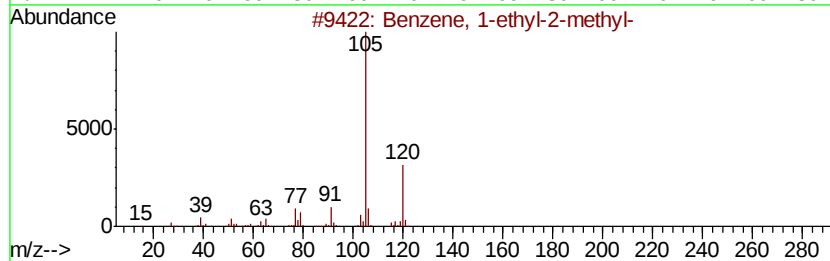
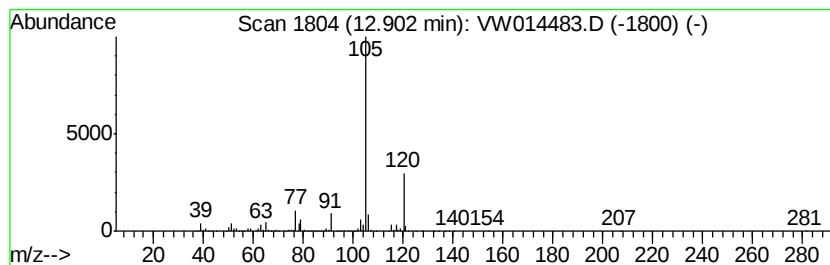
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Quant Title : VOC Analysis

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

Peak Number 34 Benzene, 1-ethyl-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	15.70 ug/L	4378790	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

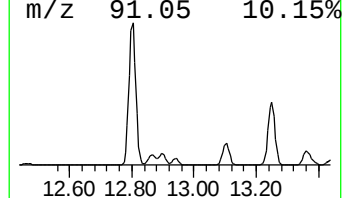
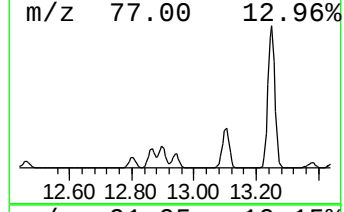
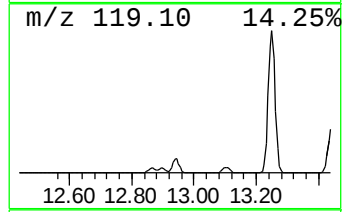
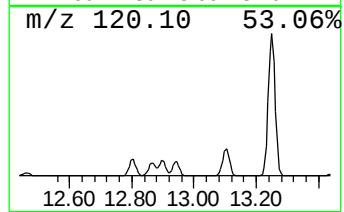
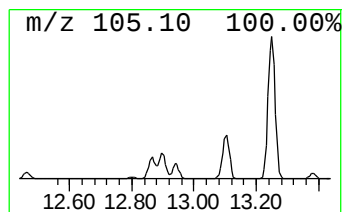
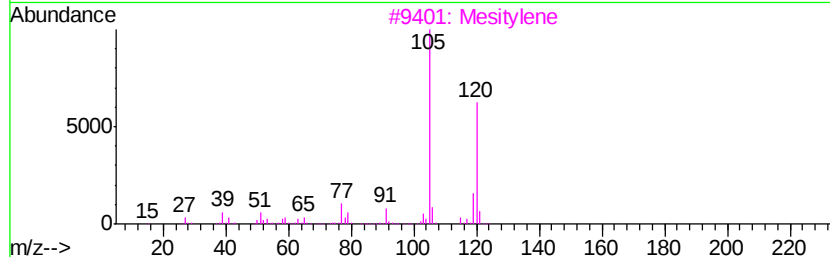
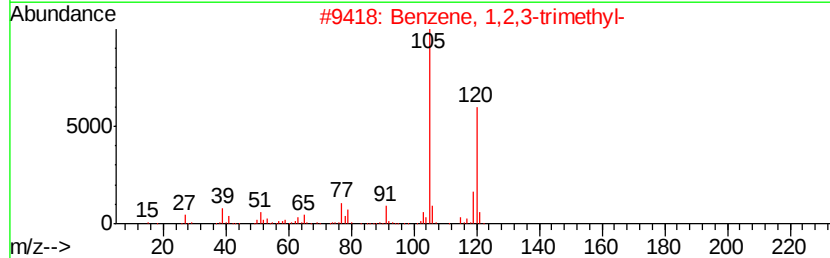
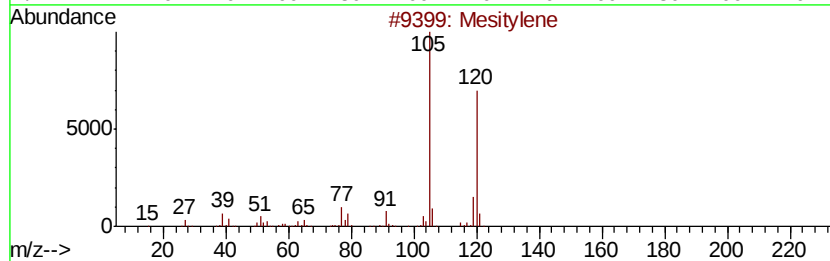
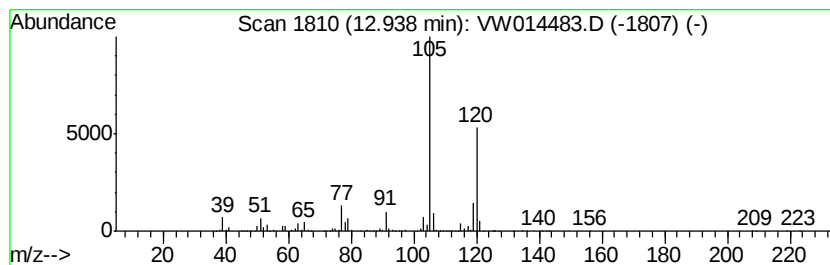
Instrument :
MSVOA_W
ClientSampleId :
ETK90

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 35 Mesitylene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	12.93 ug/L	3604920	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Mesitylene	120 C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120 C9H12	000526-73-8	97
3	Mesitylene	120 C9H12	000108-67-8	95
4	Mesitylene	120 C9H12	000108-67-8	95
5	Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

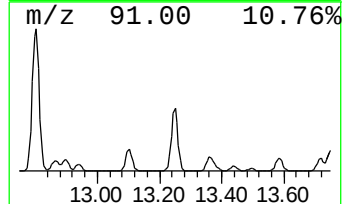
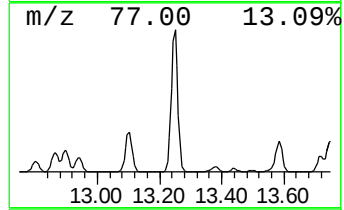
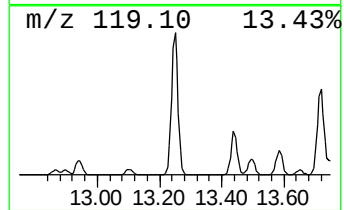
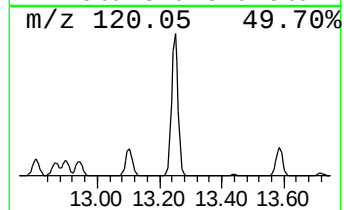
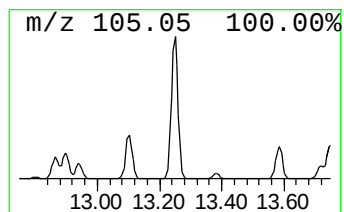
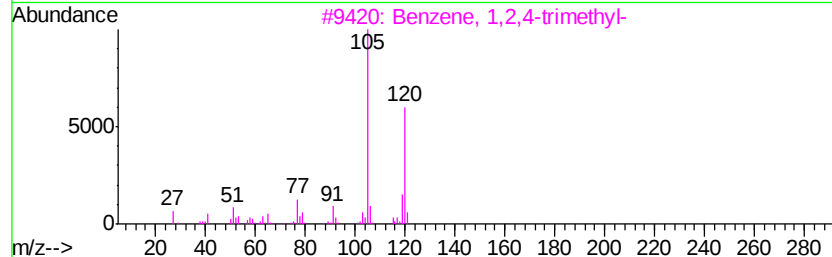
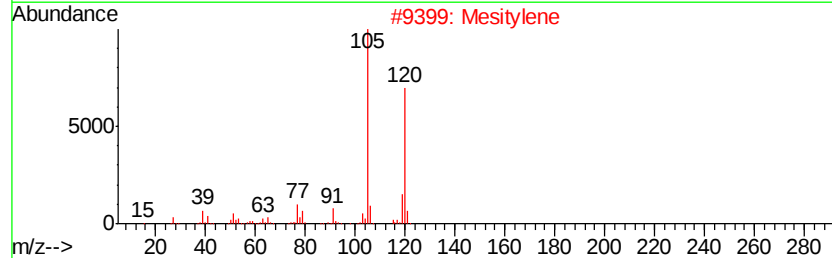
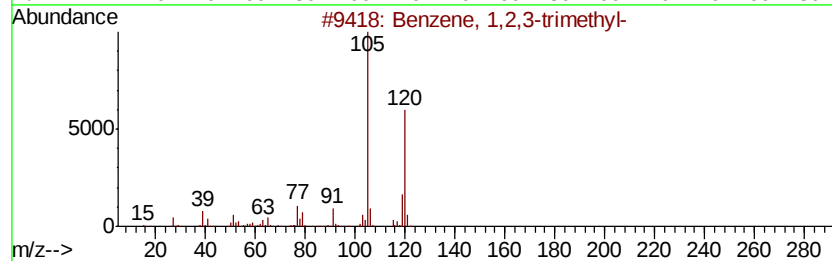
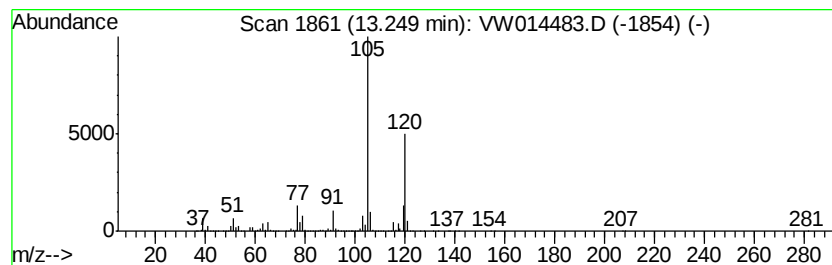
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Quant Title : VOC Analysis

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

Peak Number 37 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	107.02 ug/L	29842100	1,4-Dichlorobenzene-d4	13.55

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

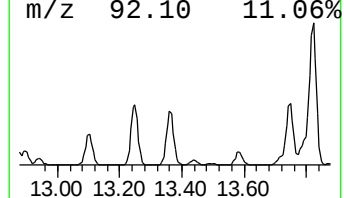
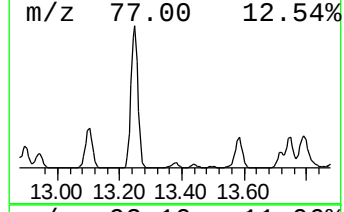
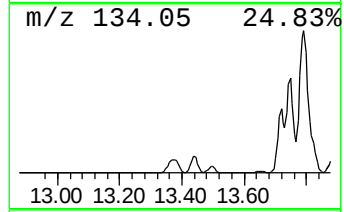
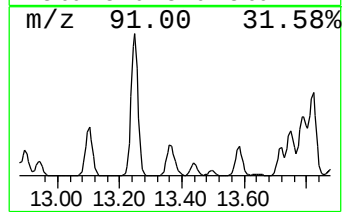
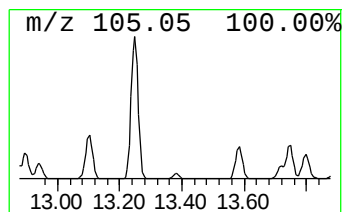
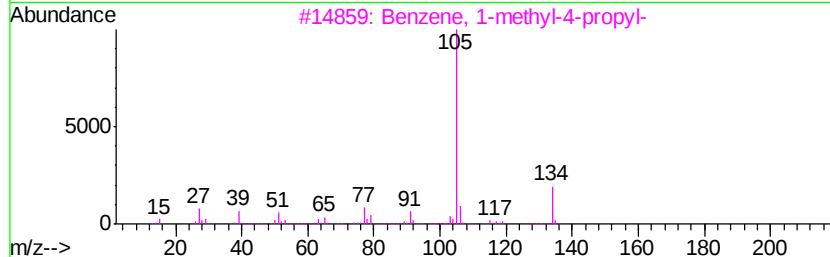
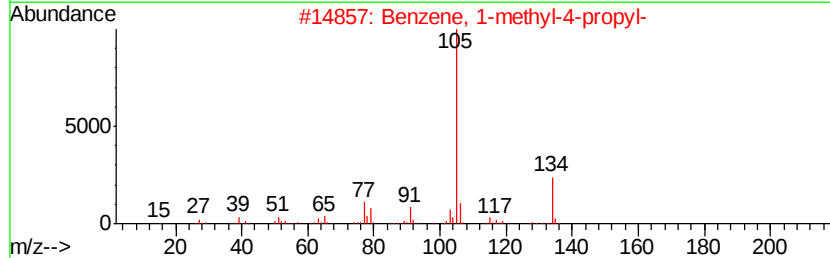
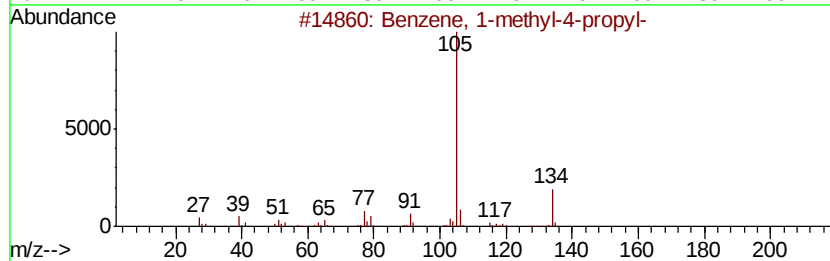
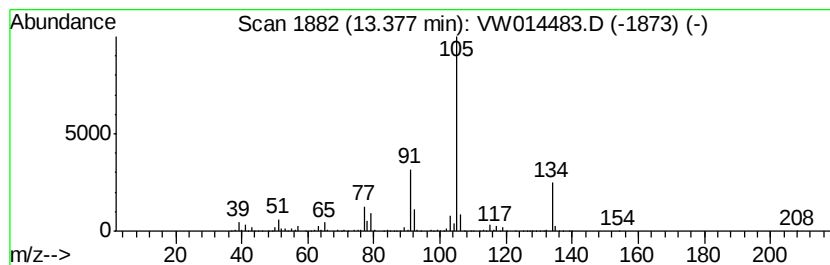
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Quant Title : VOC Analysis

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

Peak Number 38 Benzene, 1-methyl-4-propyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	5.64 ug/L	1574020	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
5		2-Tolyloxirane	134	C9H10O	002783-26-8	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

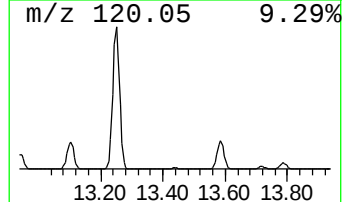
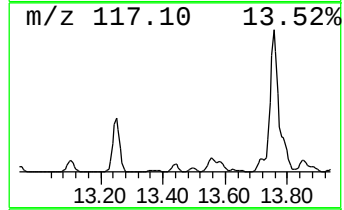
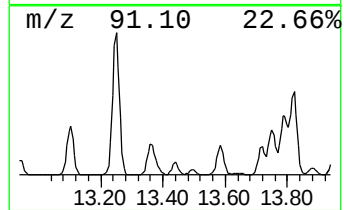
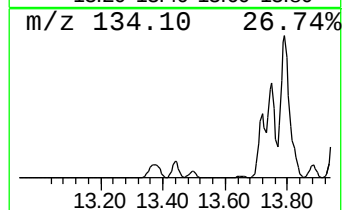
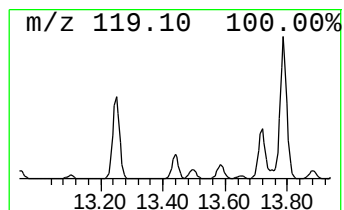
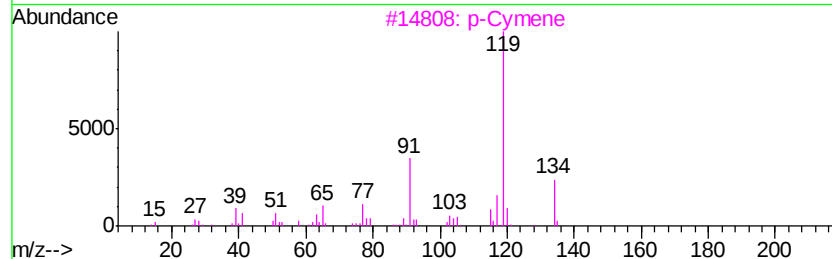
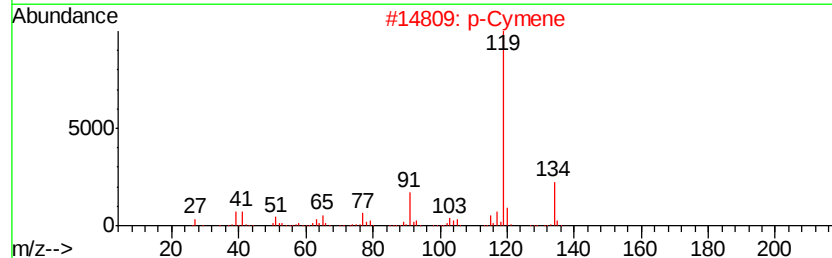
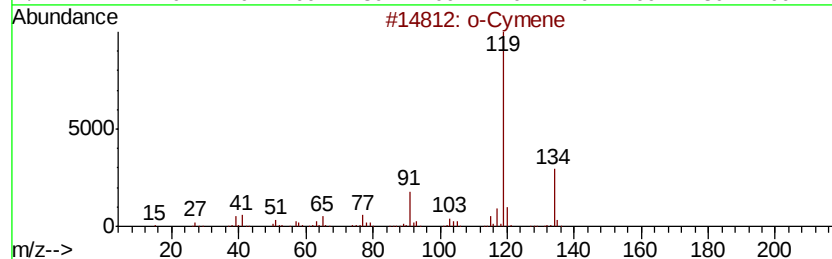
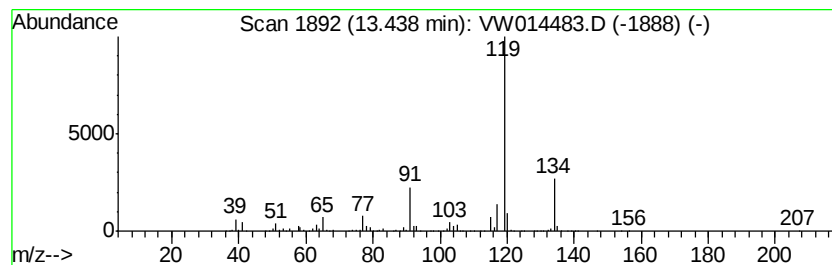
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Quant Title : VOC Analysis

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

Peak Number 39 o-Cymene Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	3.67 ug/L	1023420	1,4-Dichlorobenzene-d4	13.55

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

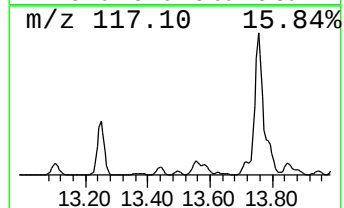
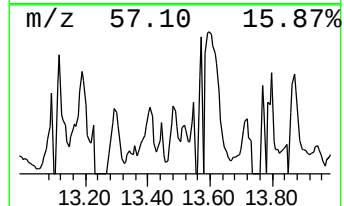
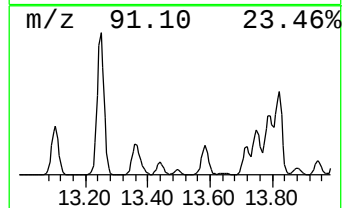
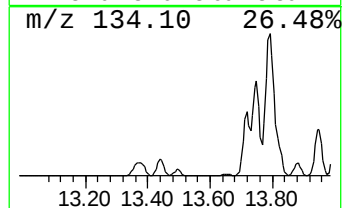
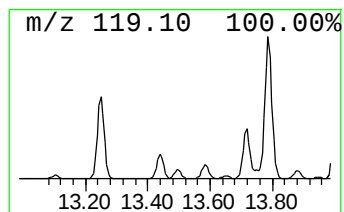
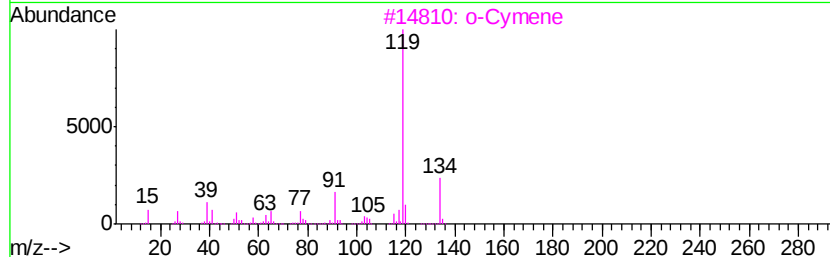
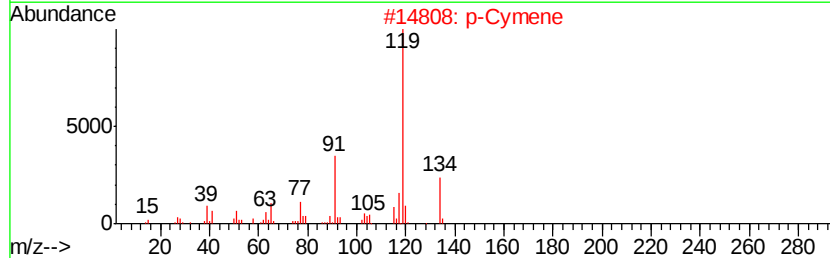
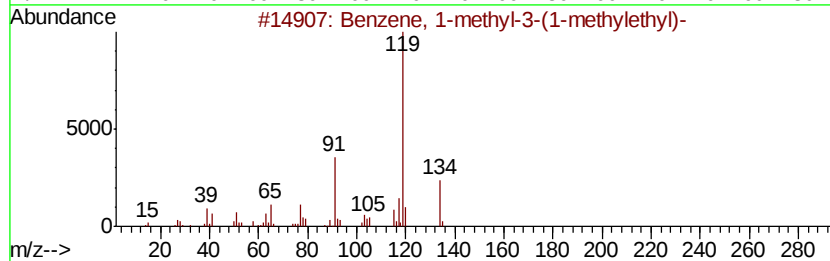
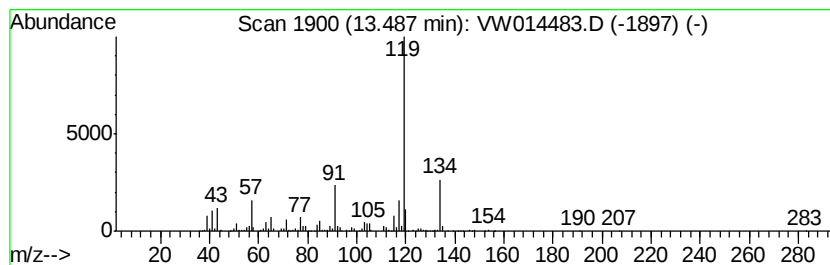
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Quant Title : VOC Analysis

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

Peak Number 40 Benzene, 1-methyl-3-(1-meth... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	1.65 ug/L	460863	1,4-Dichlorobenzene-d4	13.55

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
ETK90

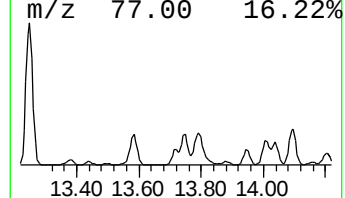
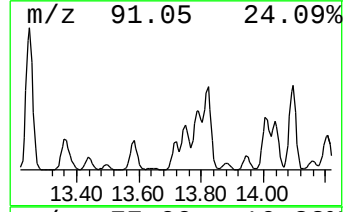
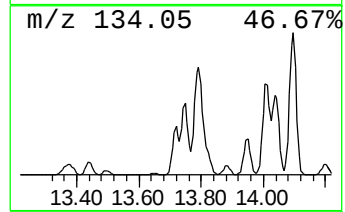
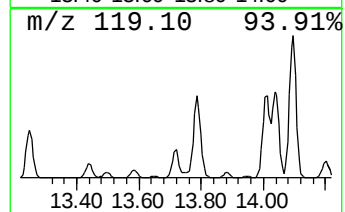
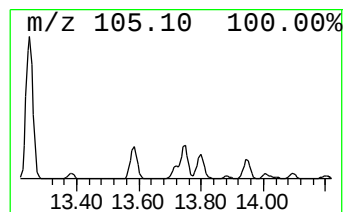
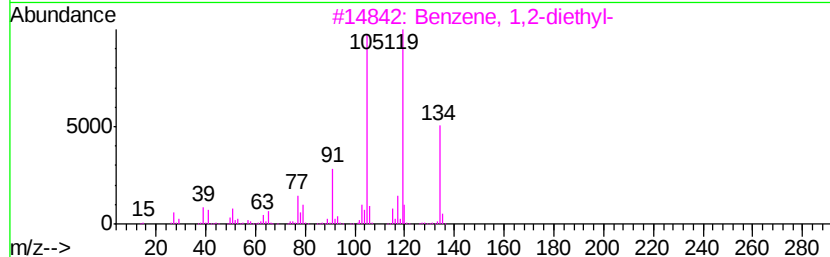
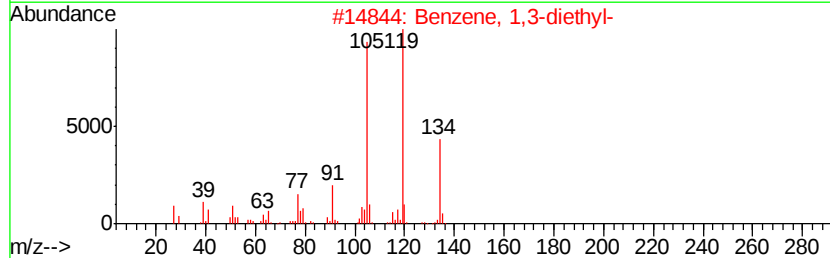
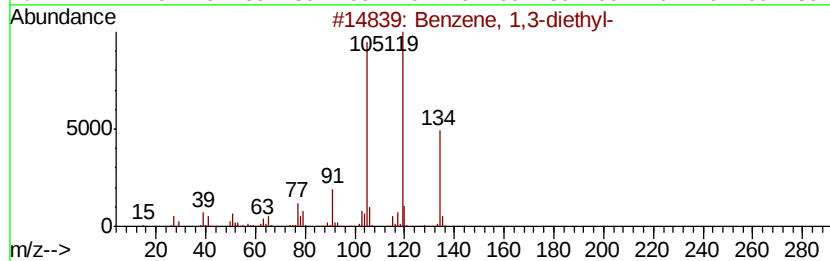
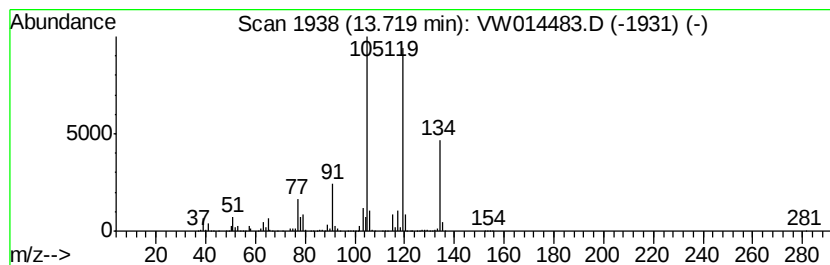
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Quant Title : VOC Analysis

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

Peak Number 41 Benzene, 1,3-diethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	14.59 ug/L	4069490	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
5		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

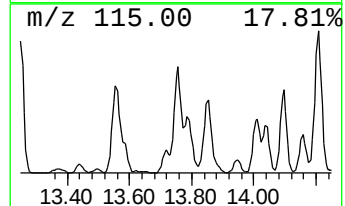
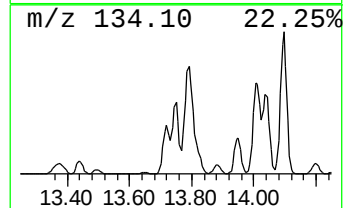
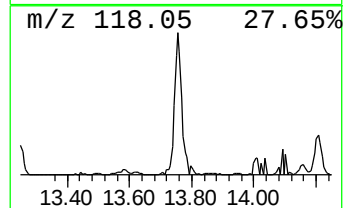
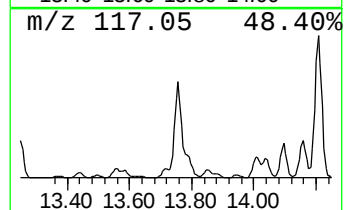
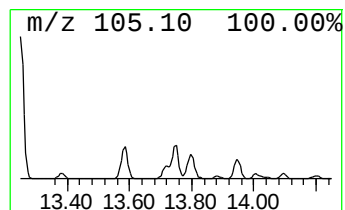
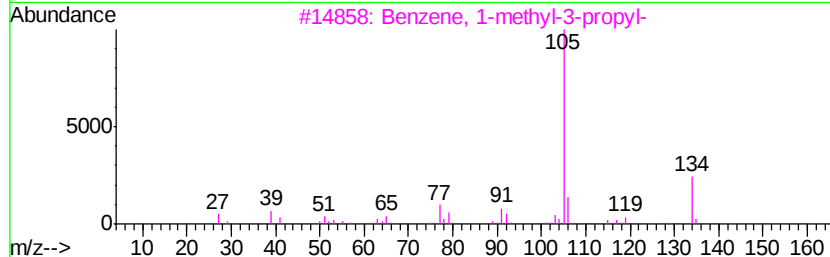
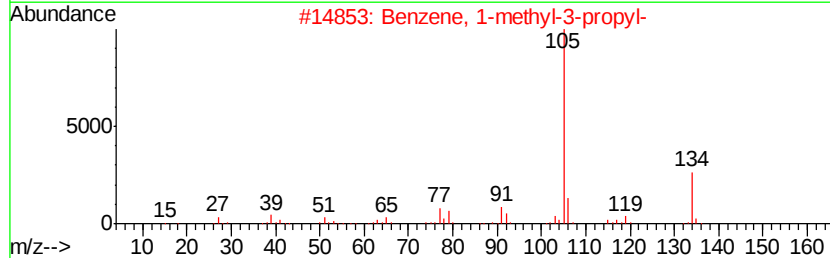
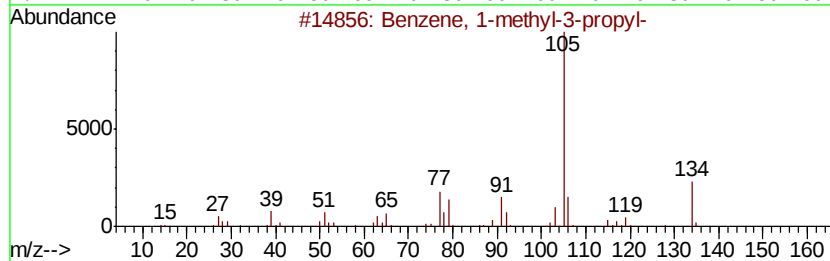
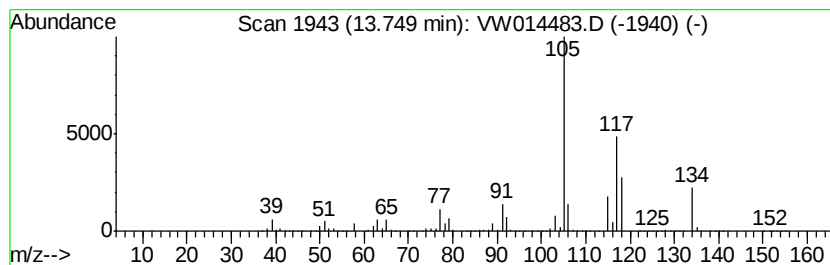
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Quant Title : VOC Analysis

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

Peak Number 42 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	28.72 ug/L	8007820	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	45
2		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	43
3		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	41
4		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
5		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

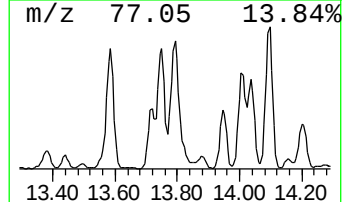
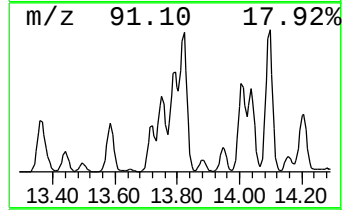
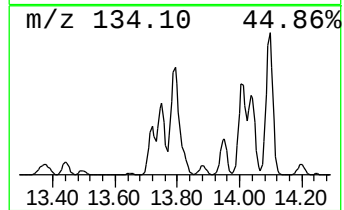
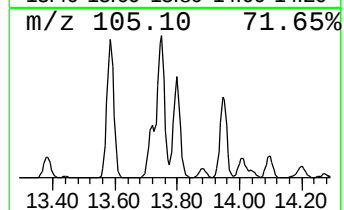
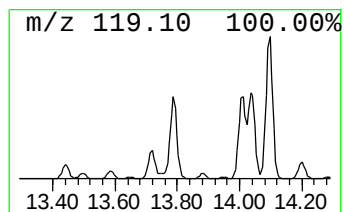
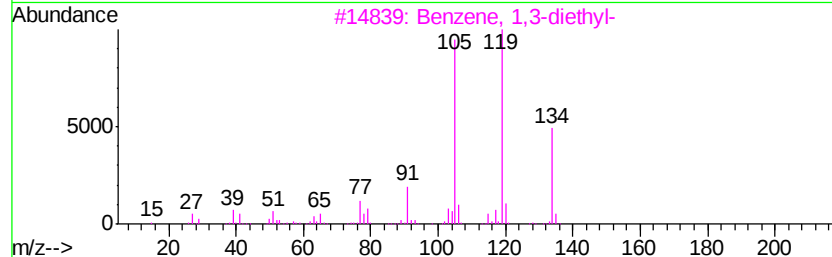
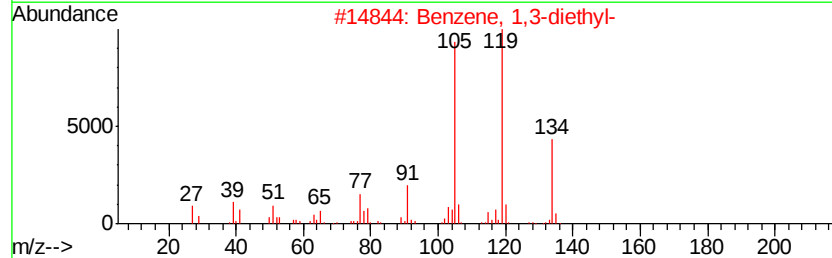
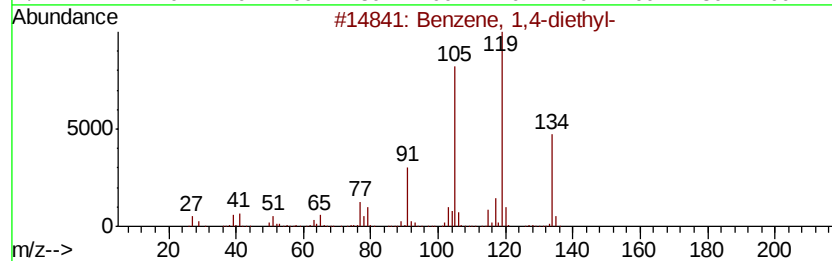
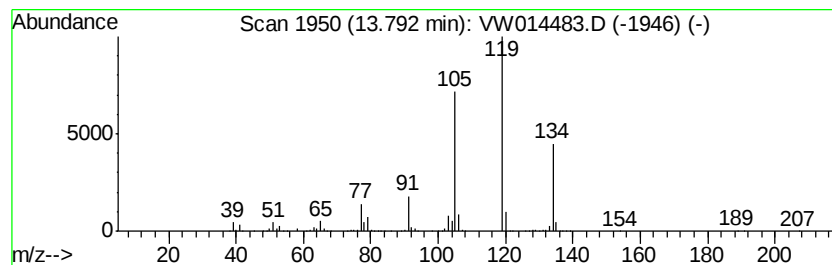
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Quant Title : VOC Analysis

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

Peak Number 43 Benzene, 1,4-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	40.61 ug/L	11322400	1,4-Dichlorobenzene-d4	13.55

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

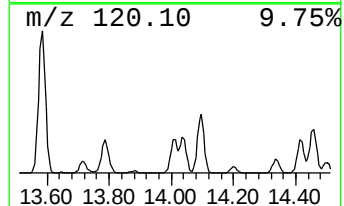
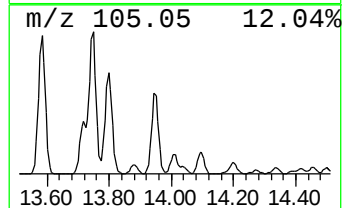
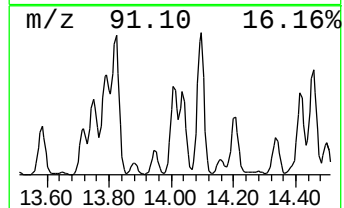
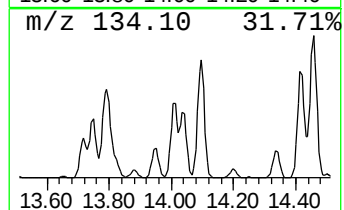
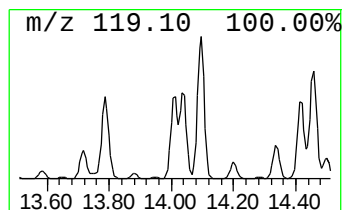
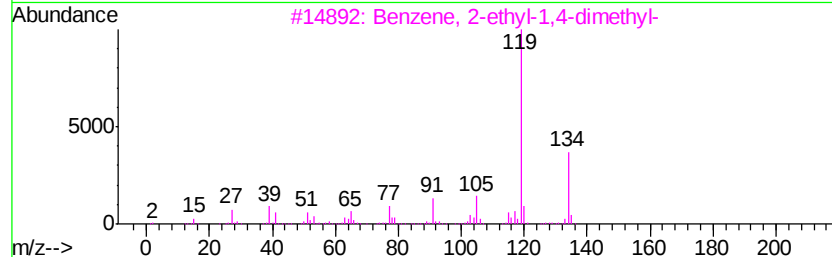
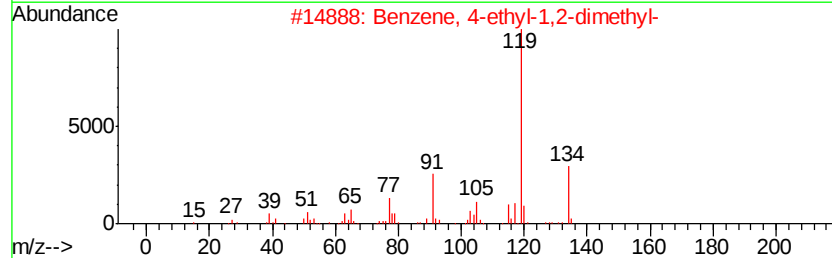
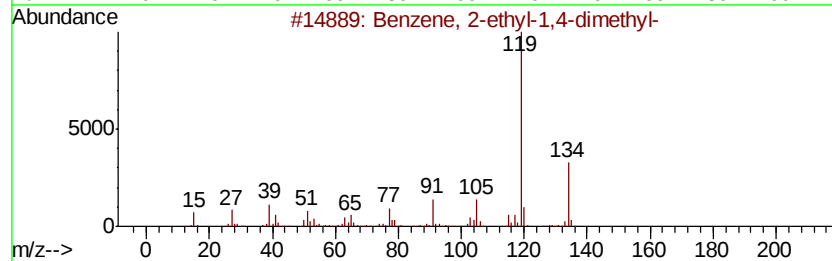
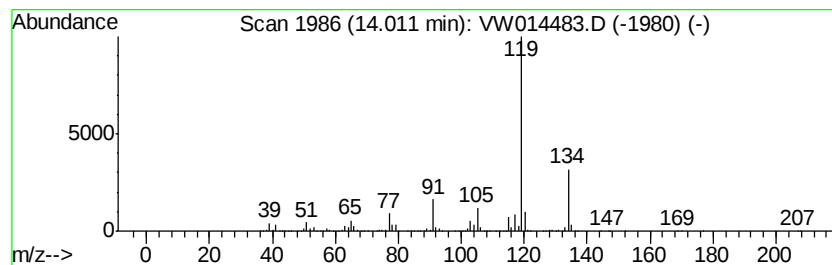
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Quant Title : VOC Analysis

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

Peak Number 45 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	26.09 ug/L	7274700	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

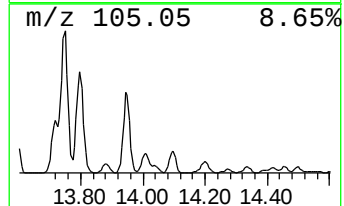
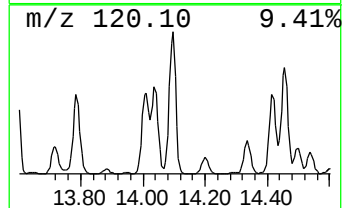
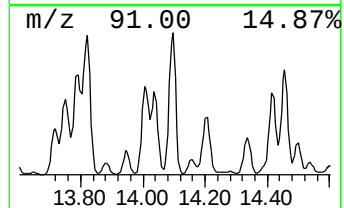
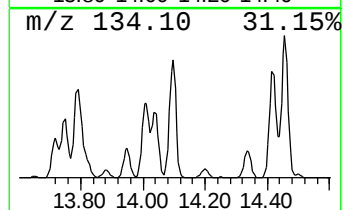
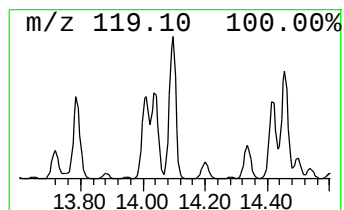
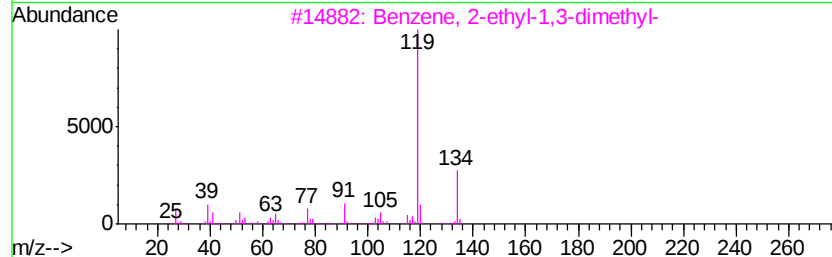
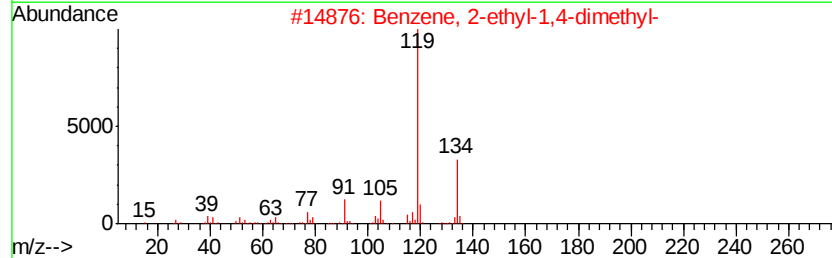
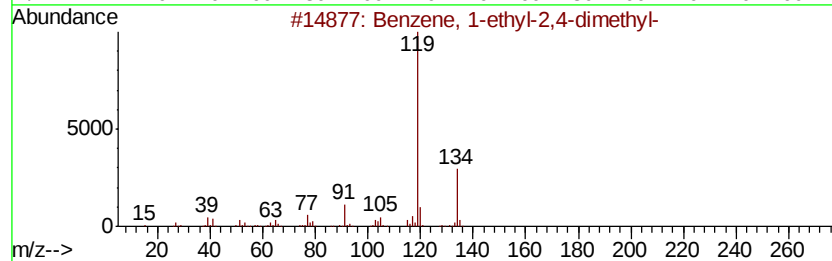
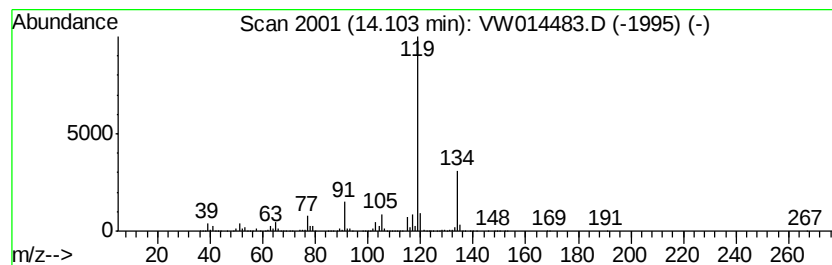
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Quant Title : VOC Analysis

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

Peak Number 47 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	37.59 ug/L	10481900	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5		o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

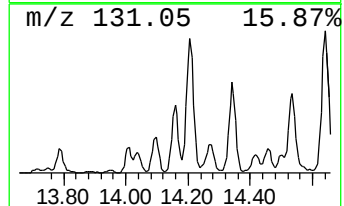
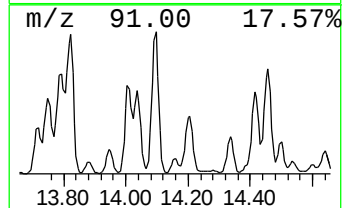
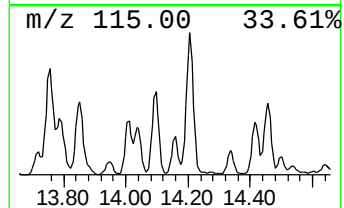
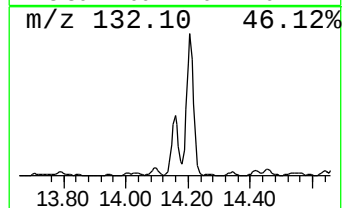
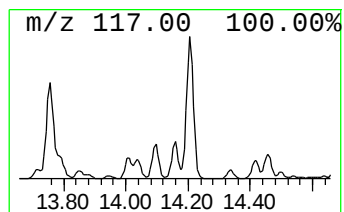
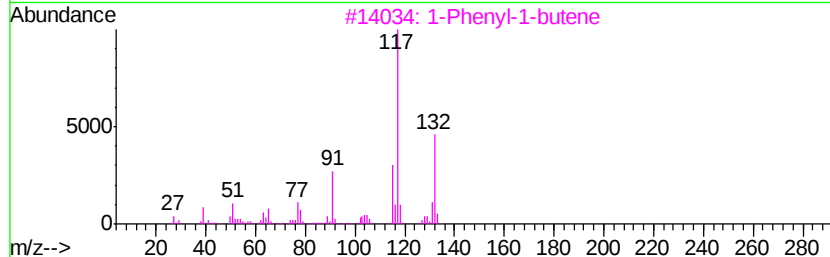
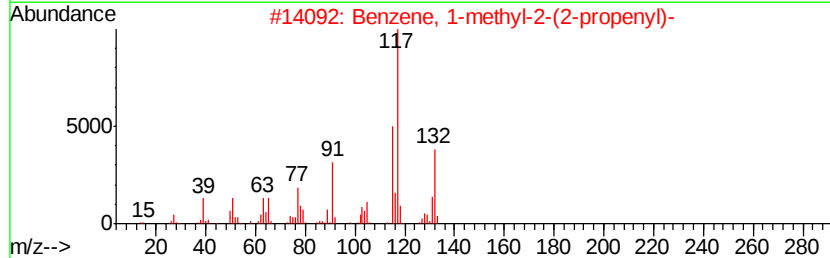
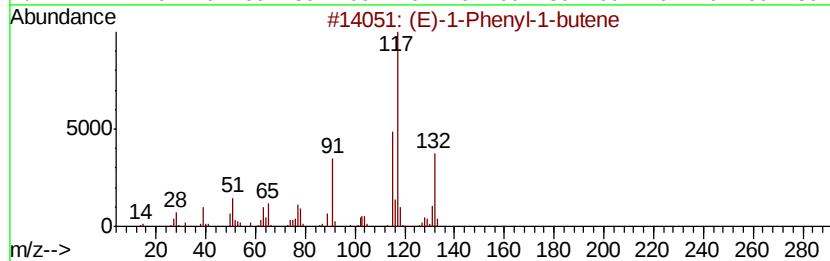
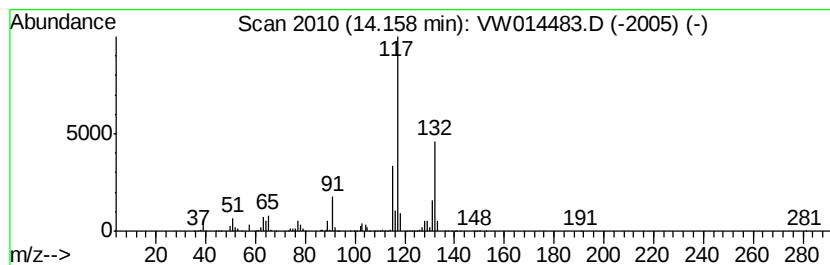
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Quant Title : VOC Analysis

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

Peak Number 48 (E)-1-Phenyl-1-butene Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	4.90 ug/L	1365760	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	95
2		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	94
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	94
4		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	93
5		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

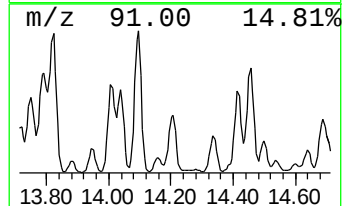
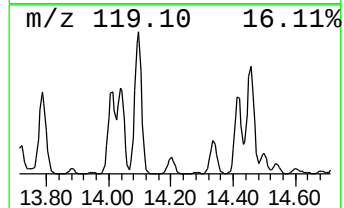
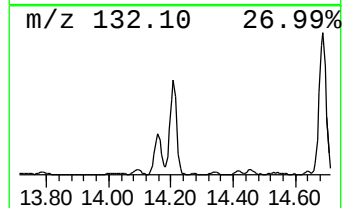
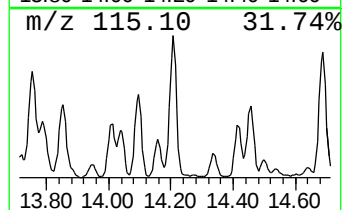
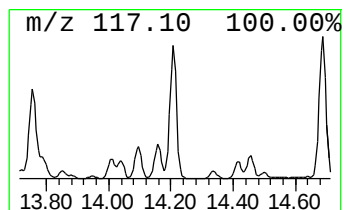
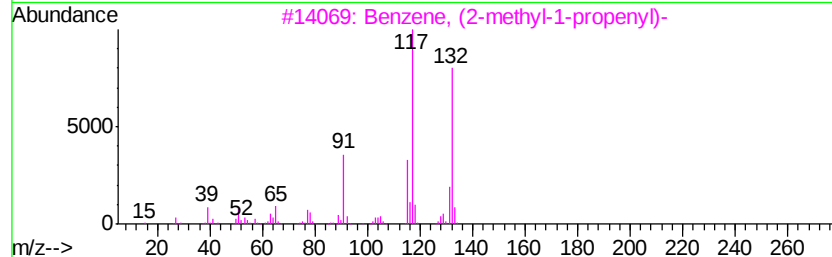
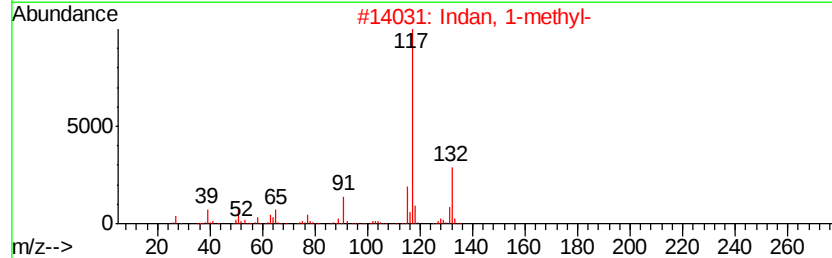
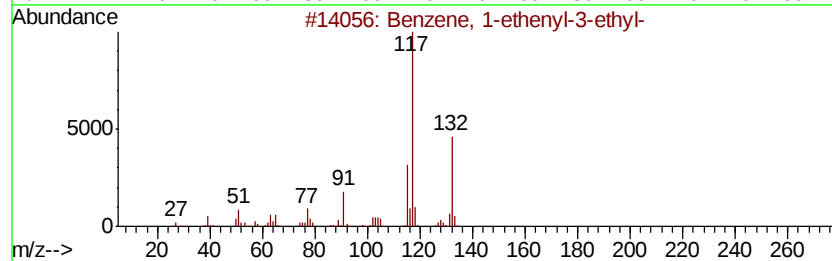
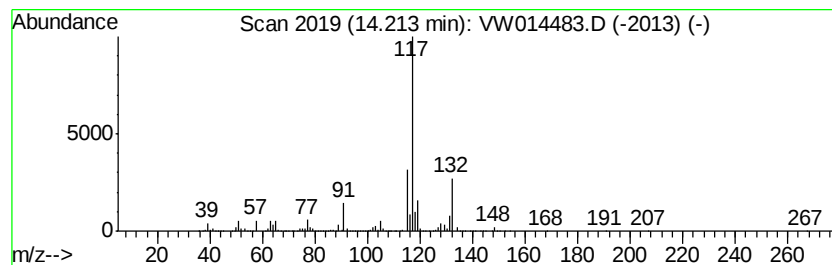
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Quant Title : VOC Analysis

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

Peak Number 49 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	20.05 ug/L	5592110	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
2		Indan, 1-methyl-	132	C10H12	000767-58-8	76
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	76
4		Indan, 1-methyl-	132	C10H12	000767-58-8	70
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

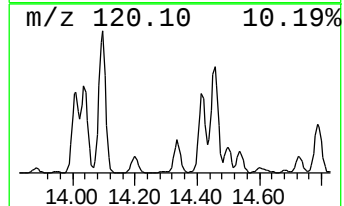
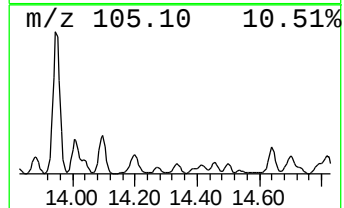
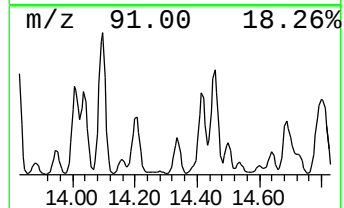
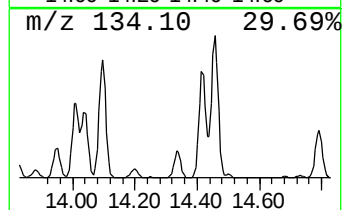
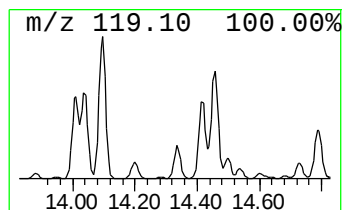
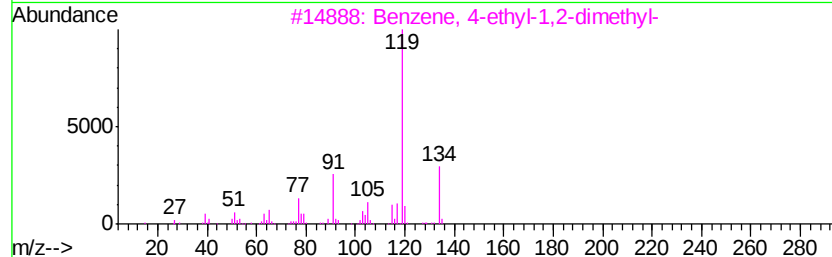
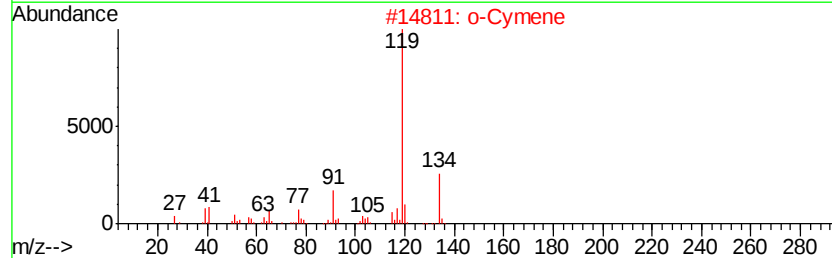
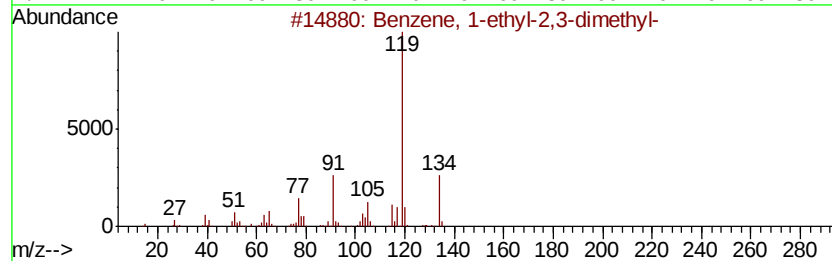
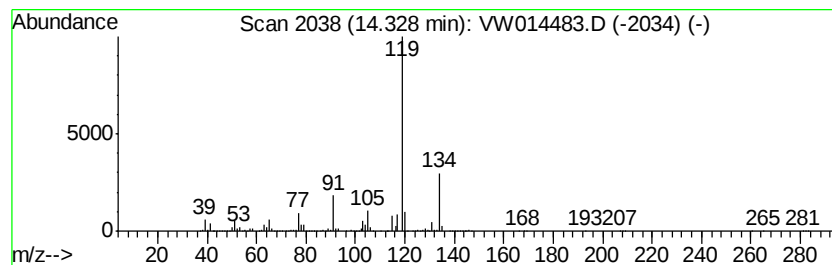
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Quant Title : VOC Analysis

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

Peak Number 50 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	9.94 ug/L	2771140	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
2		o-Cymene	134	C10H14	000527-84-4	95
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

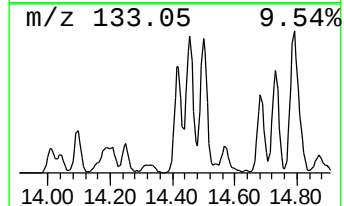
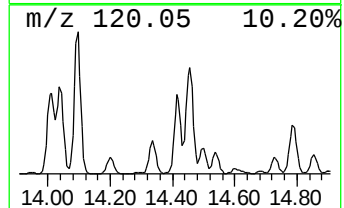
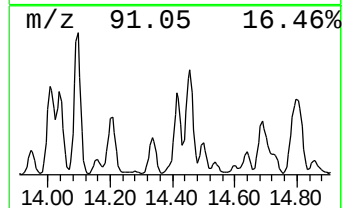
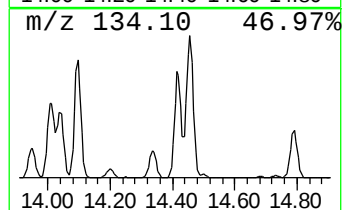
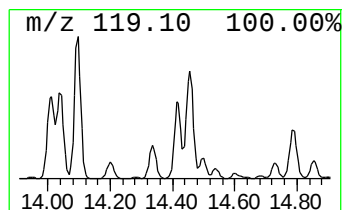
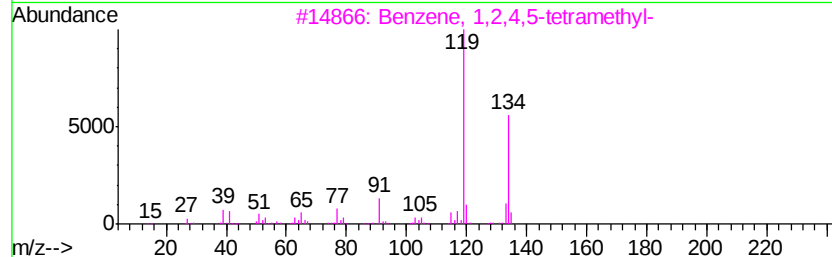
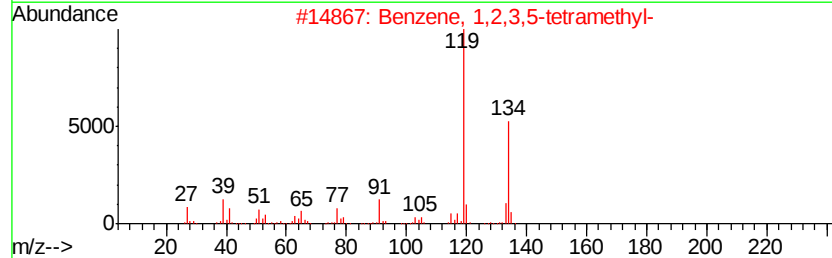
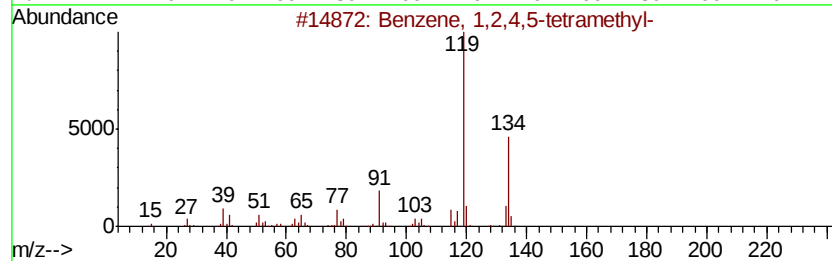
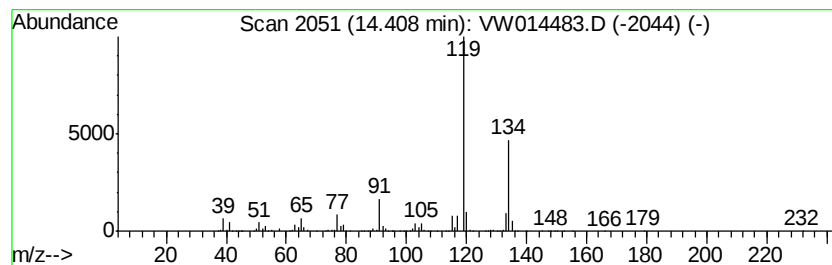
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Quant Title : VOC Analysis

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

Peak Number 51 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	24.32 ug/L	6781250	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

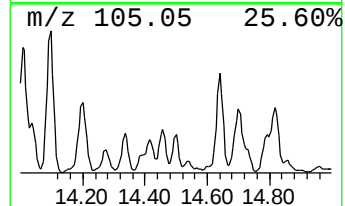
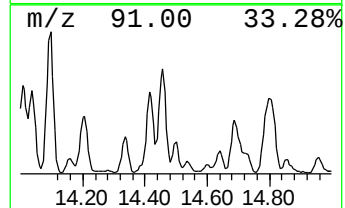
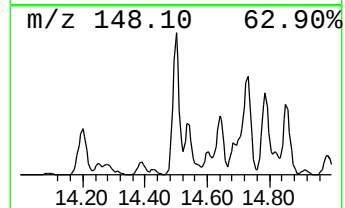
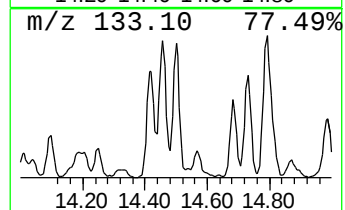
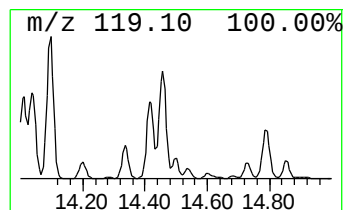
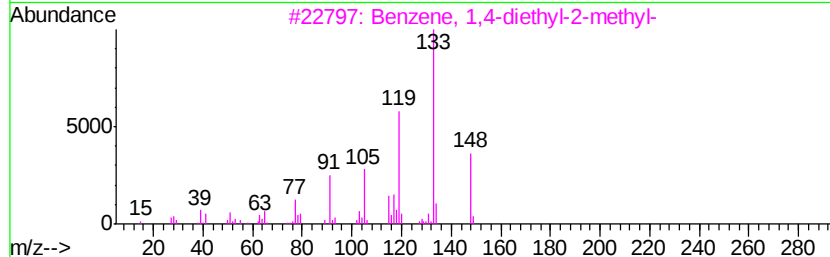
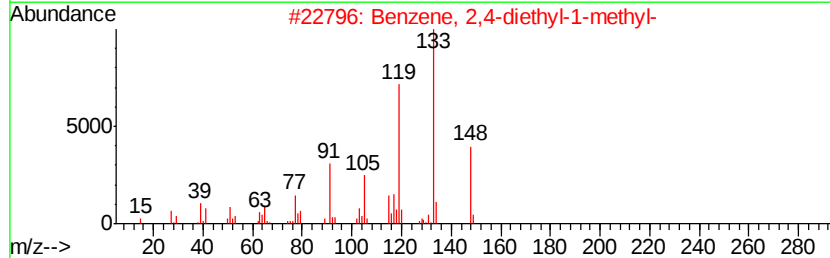
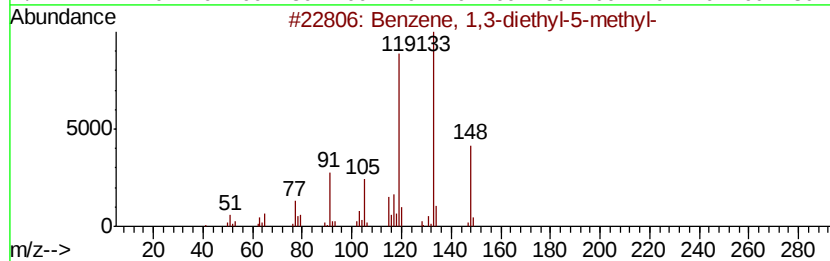
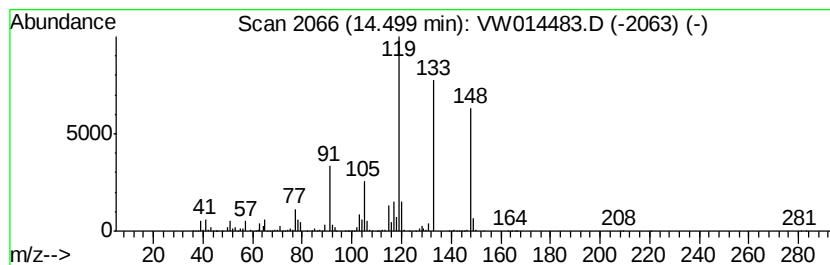
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Quant Title : VOC Analysis

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

Peak Number 53 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	7.35 ug/L	2049070	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	86
2		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	59
3		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	59
4		Benzene, pentamethyl-	148	C11H16	000700-12-9	49
5		Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

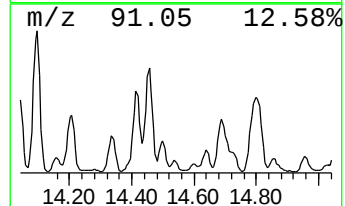
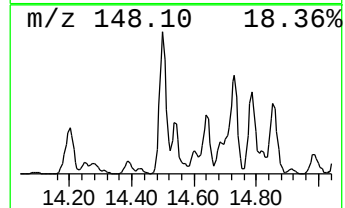
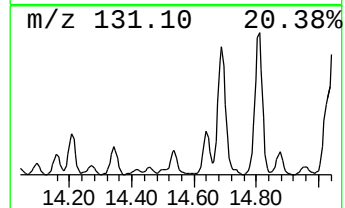
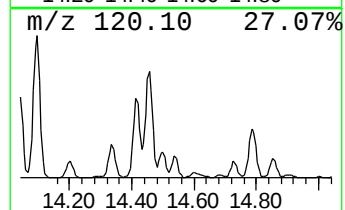
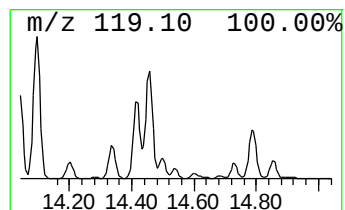
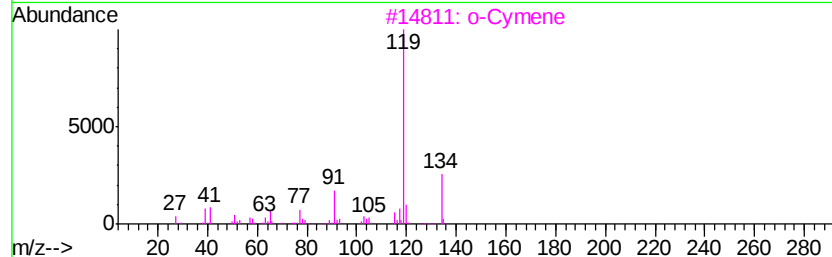
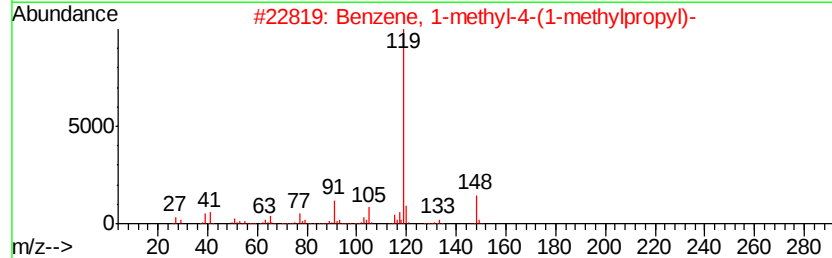
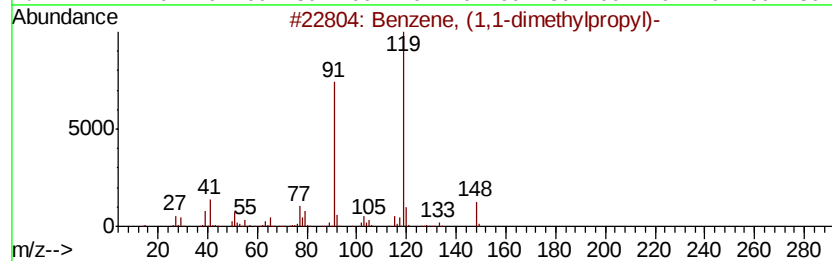
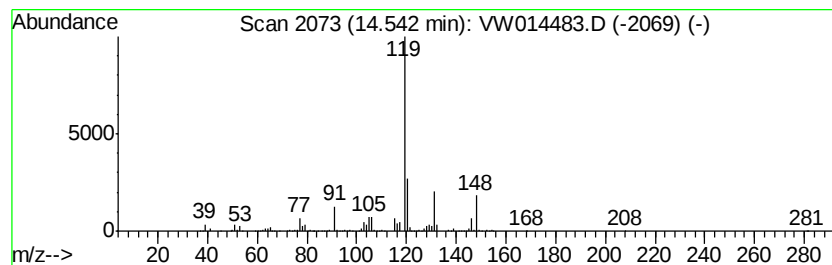
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Quant Title : VOC Analysis

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

Peak Number 54 Benzene, (1,1-dimethylpropyl)- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	3.83 ug/L	1069140	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
2			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	50
3			o-Cymene	134	C10H14	000527-84-4	47
4			4'-Methylpropiophenone	148	C10H12O	005337-93-9	47
5			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

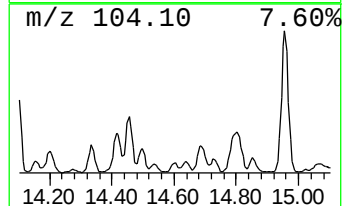
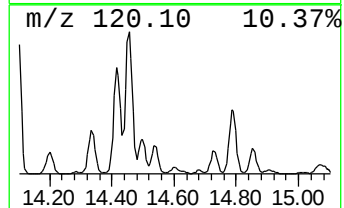
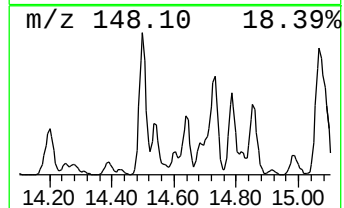
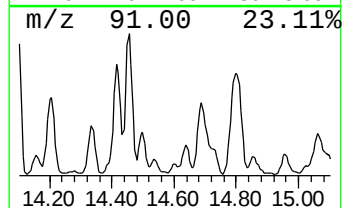
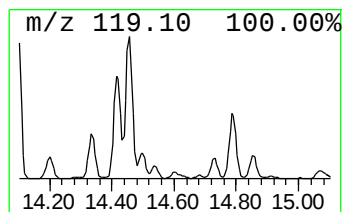
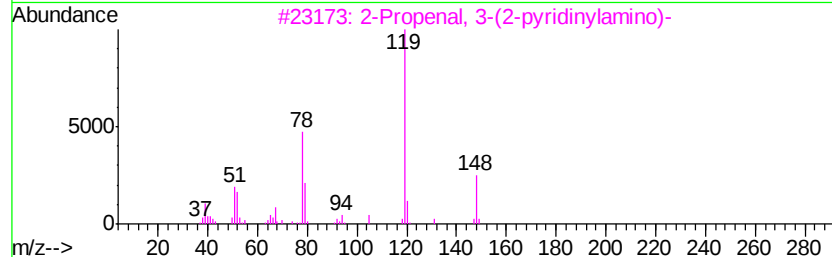
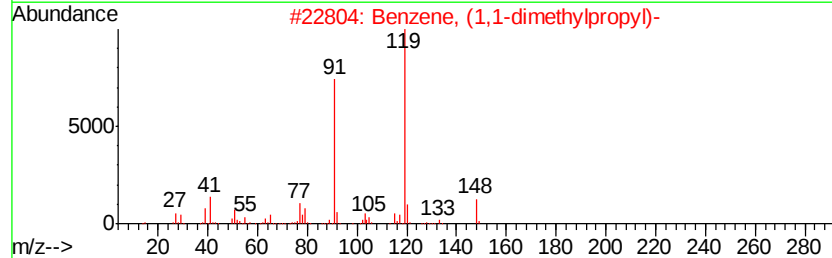
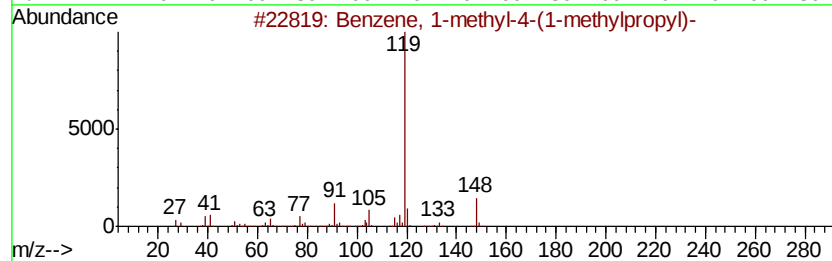
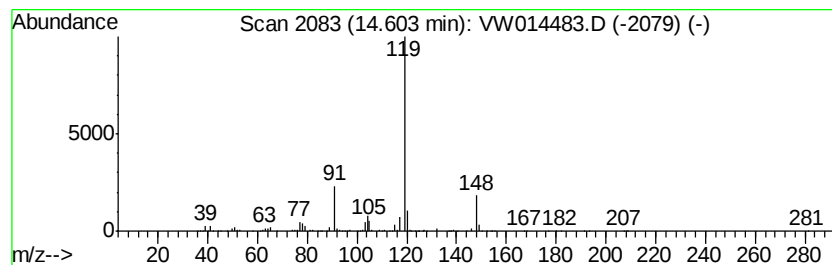
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Quant Title : VOC Analysis

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

Peak Number 55 Benzene, 1-methyl-4-(1-meth... Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	1.38 ug/L	385944	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	86
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
3		2-Propenal, 3-(2-pyridinylamino)-	148	C8H8N2O	068970-82-1	72
4		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72
5		4'-Methylpropiophenone	148	C10H12O	005337-93-9	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

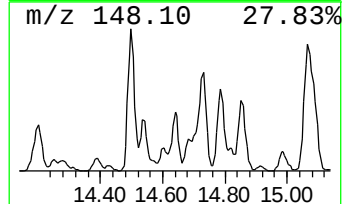
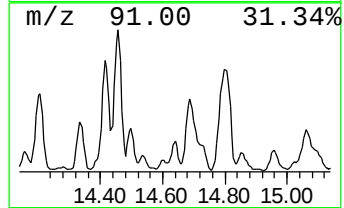
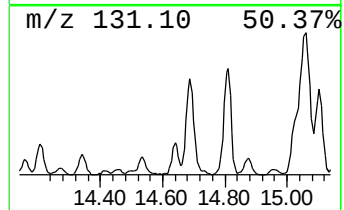
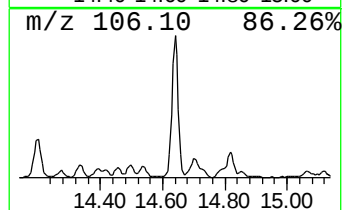
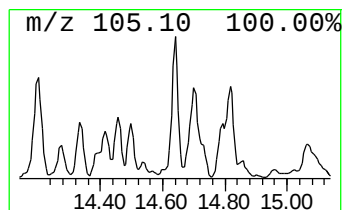
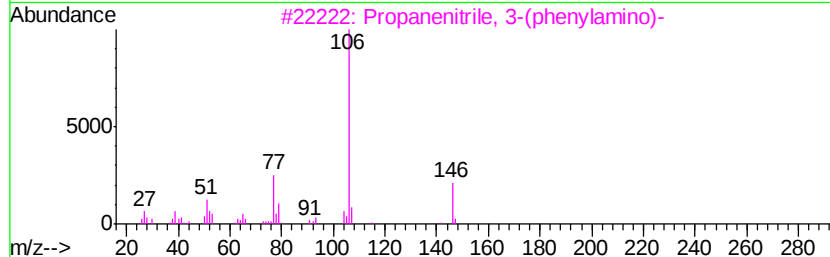
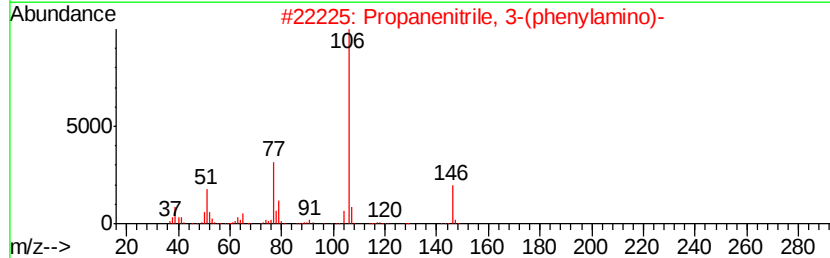
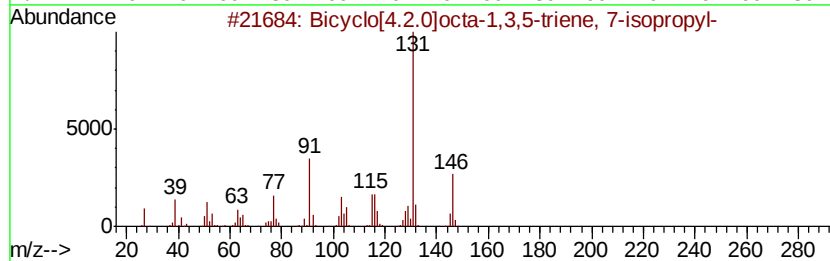
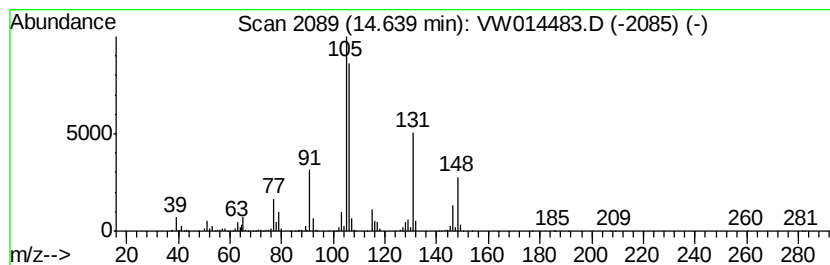
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Quant Title : VOC Analysis

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

Peak Number 56 unknown-03 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	4.76 ug/L	1326590	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	42
2			Propanenitrile, 3-(phenylamino)-	146	C9H10N2	001075-76-9	41
3			Propanenitrile, 3-(phenylamino)-	146	C9H10N2	001075-76-9	38
4			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	38
5			Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

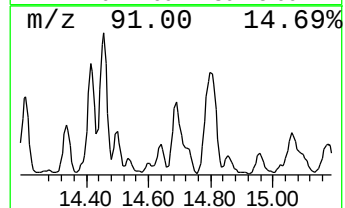
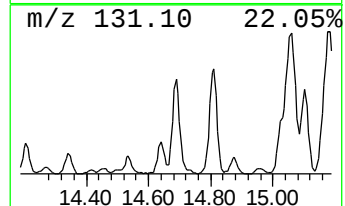
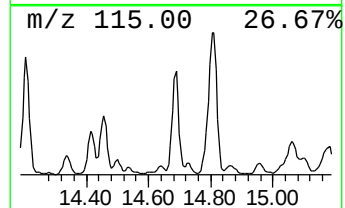
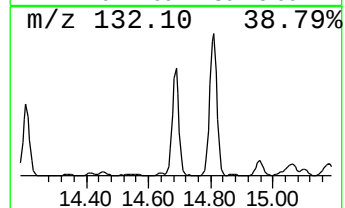
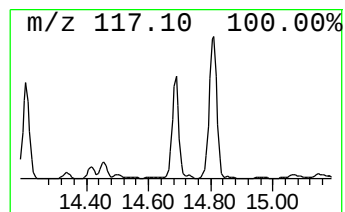
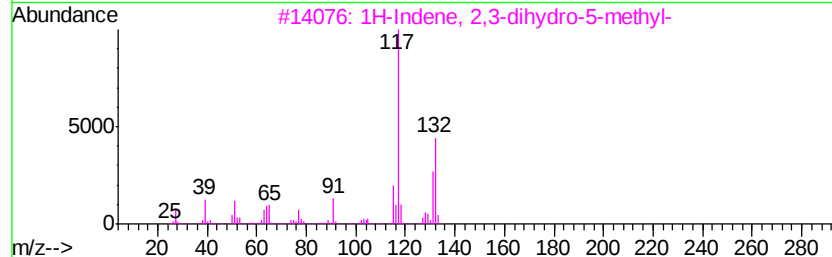
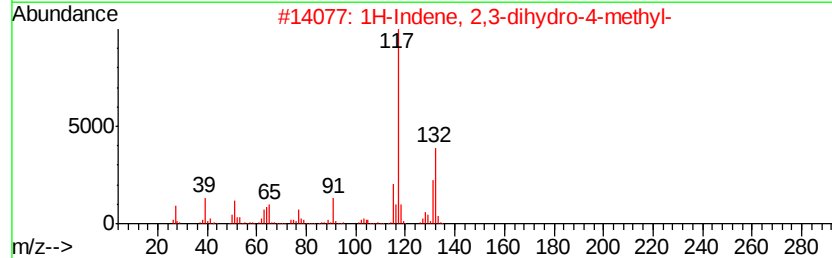
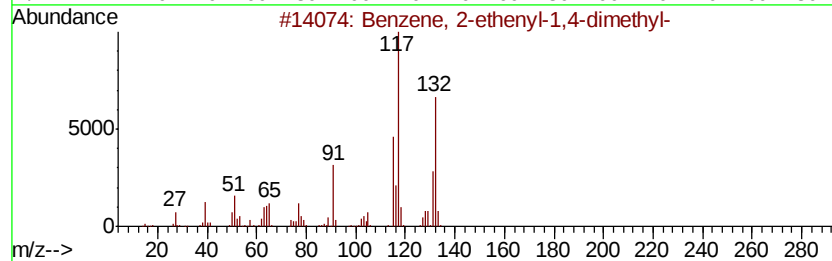
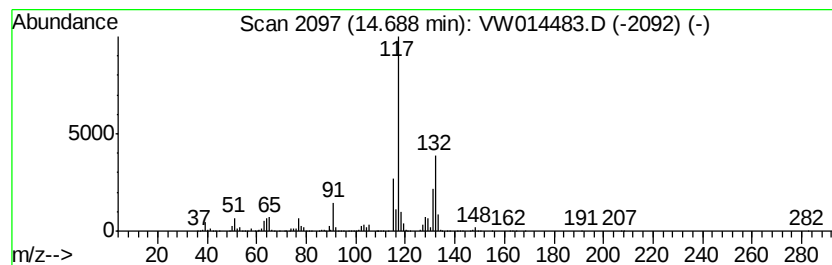
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Quant Title : VOC Analysis

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

Peak Number 57 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	21.78 ug/L	6072670	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
3		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

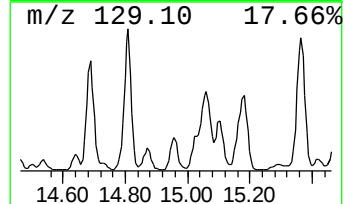
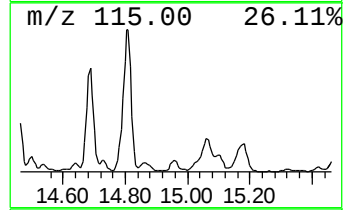
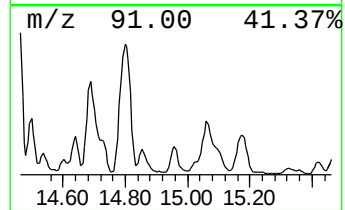
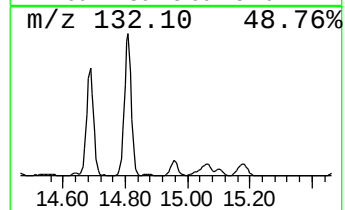
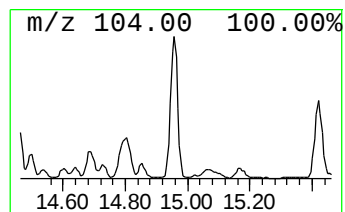
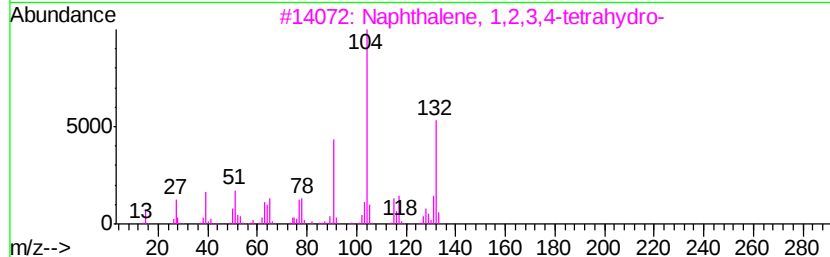
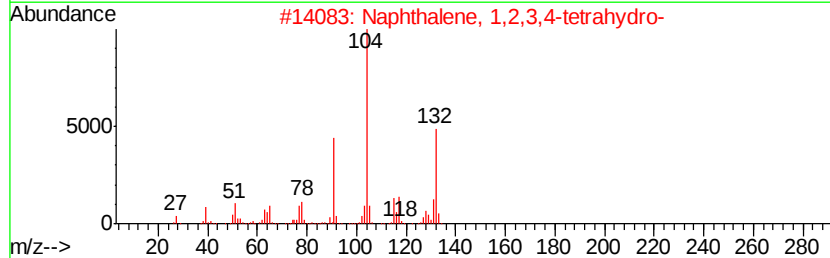
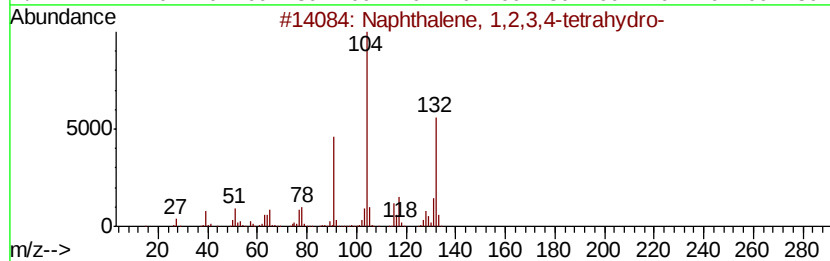
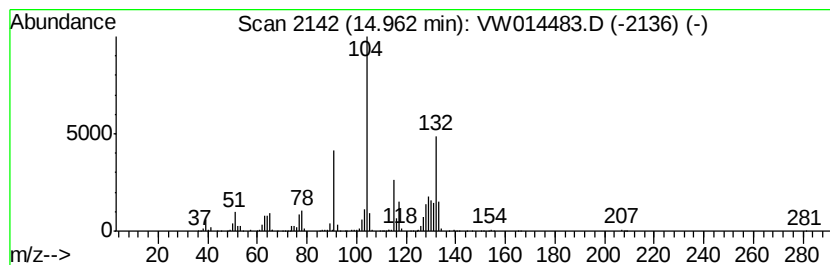
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Quant Title : VOC Analysis

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

Peak Number 61 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	3.60 ug/L	1002940	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
3		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
4		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
5		Isoquinoline, 1,2,3,4-tetrahydro...	147	C10H13N	029726-60-1	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

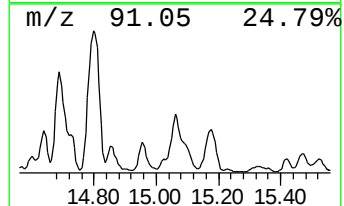
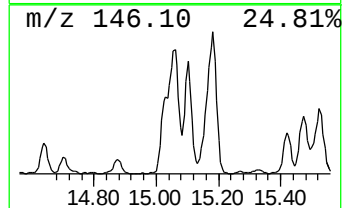
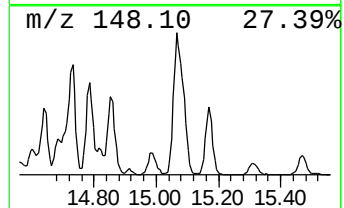
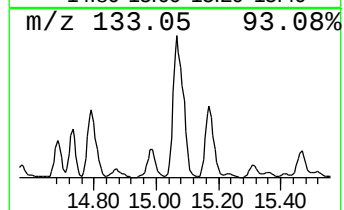
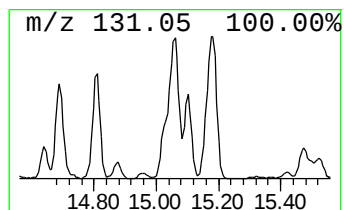
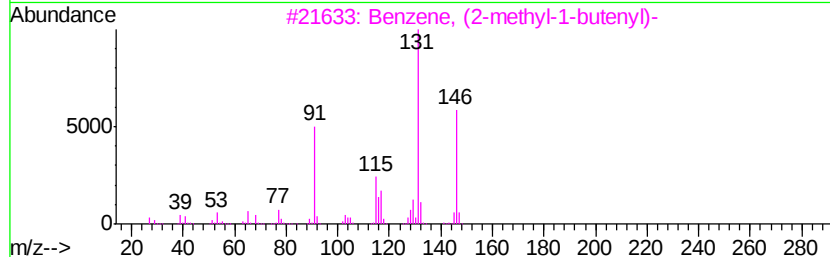
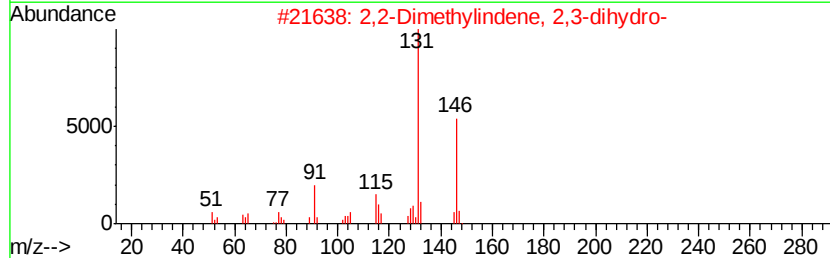
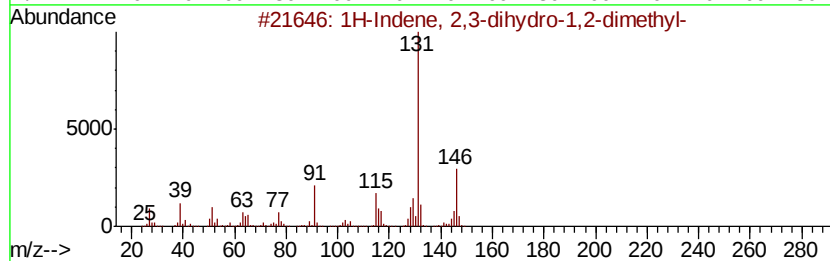
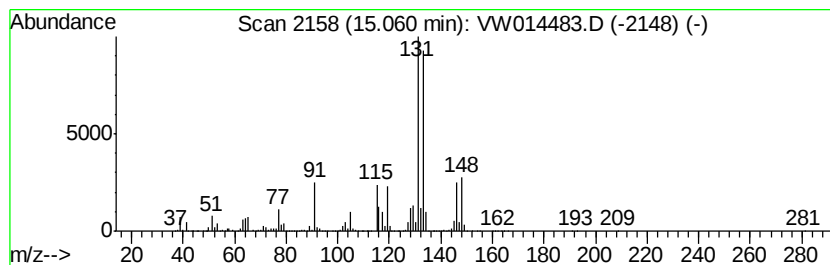
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Quant Title : VOC Analysis

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

Peak Number 62 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	23.03 ug/L	6420970	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	89
2		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
3		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	83
4		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	50
5		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

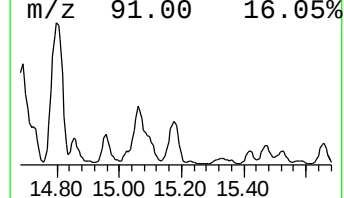
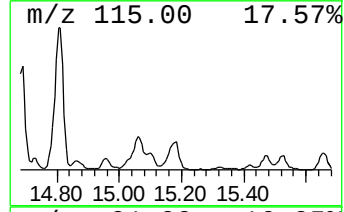
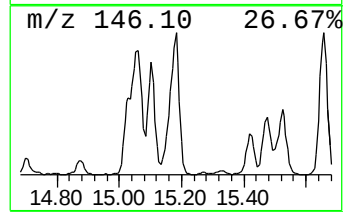
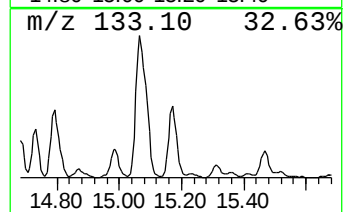
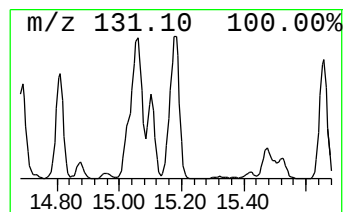
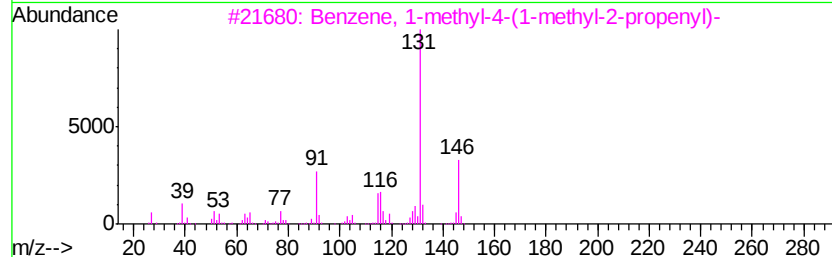
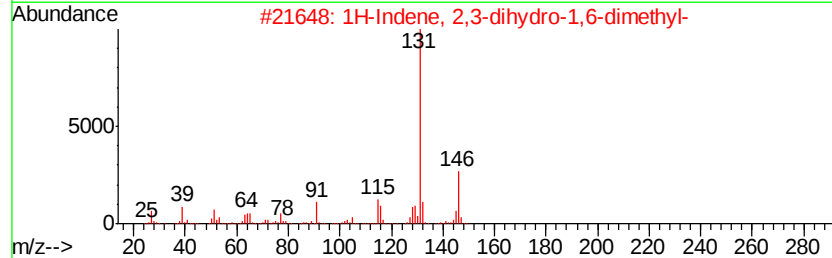
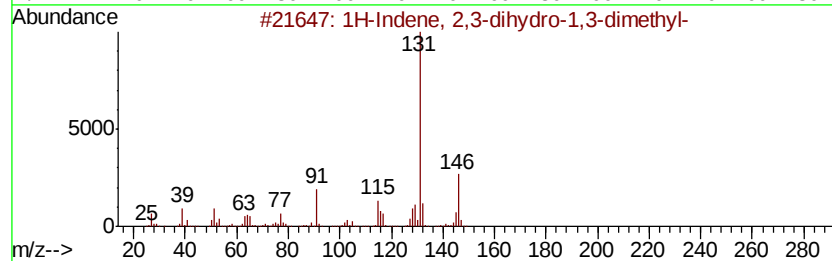
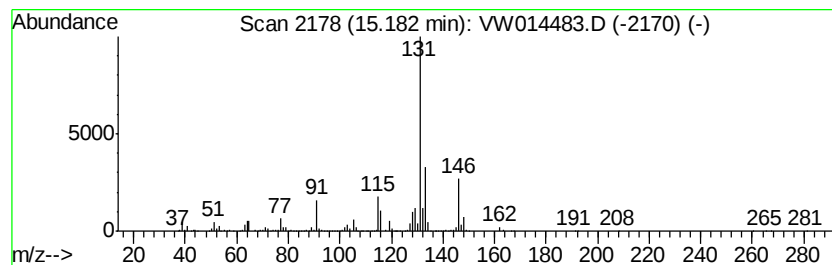
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Quant Title : VOC Analysis

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

Peak Number 63 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	11.86 ug/L	3305820	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	70
2		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70
3		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	70
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	70
5		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

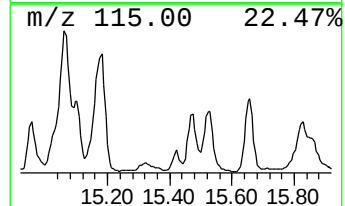
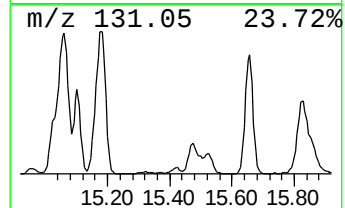
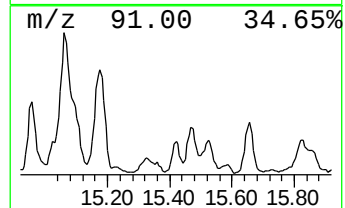
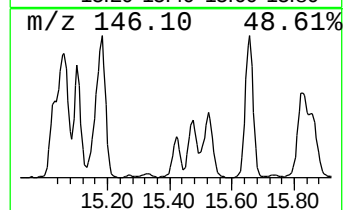
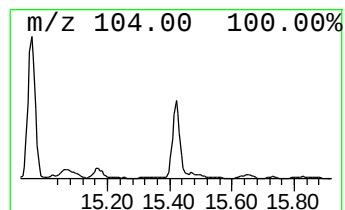
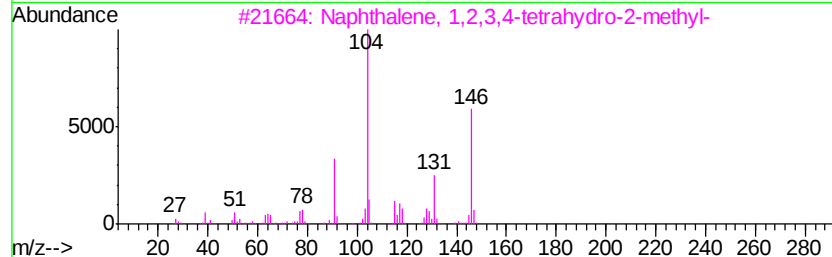
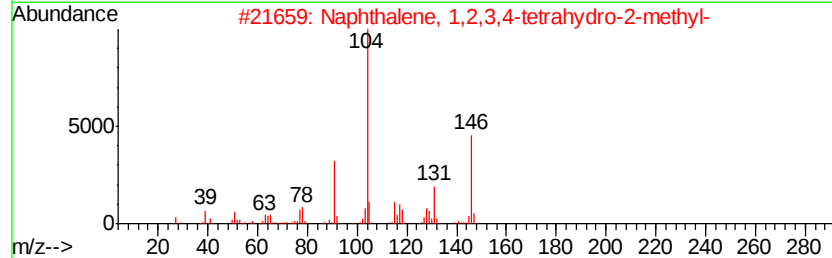
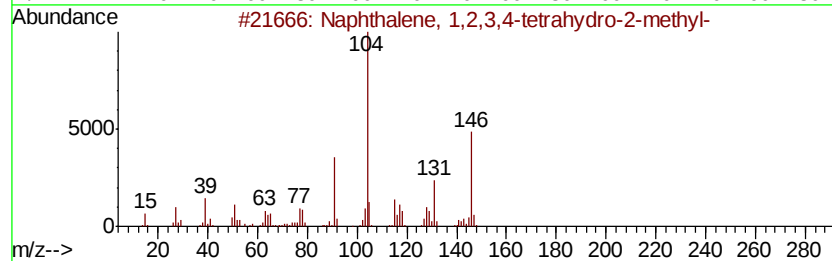
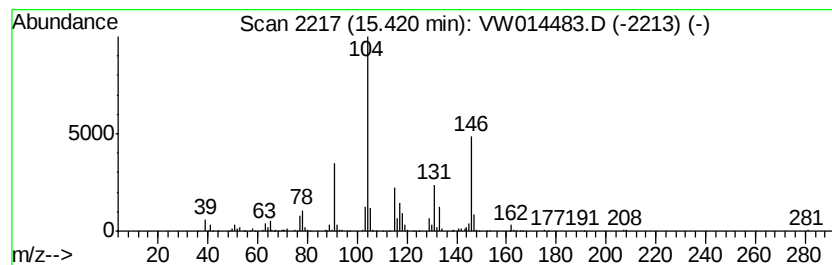
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Quant Title : VOC Analysis

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

Peak Number 65 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	1.40 ug/L	389681	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro...	146	C11H14	003877-19-8	93
2		Naphthalene, 1,2,3,4-tetrahydro...	146	C11H14	003877-19-8	93
3		Naphthalene, 1,2,3,4-tetrahydro...	146	C11H14	003877-19-8	93
4		Naphthalene, 1,2,3,4-tetrahydro...	146	C11H14	003877-19-8	87
5		2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
ETK90

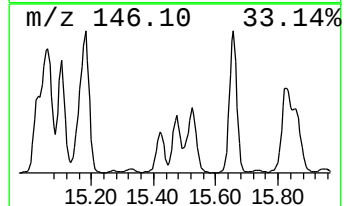
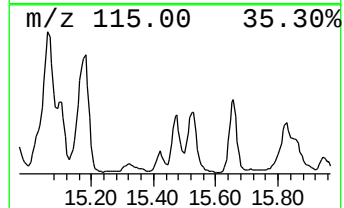
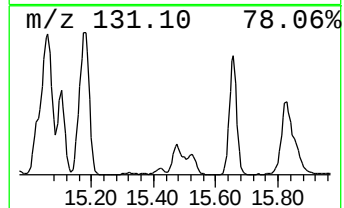
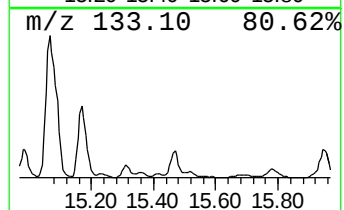
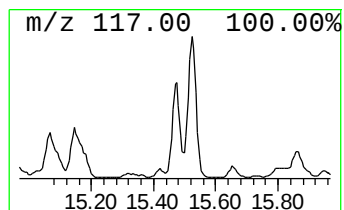
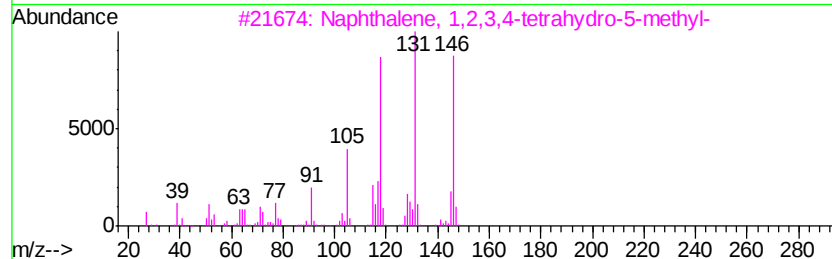
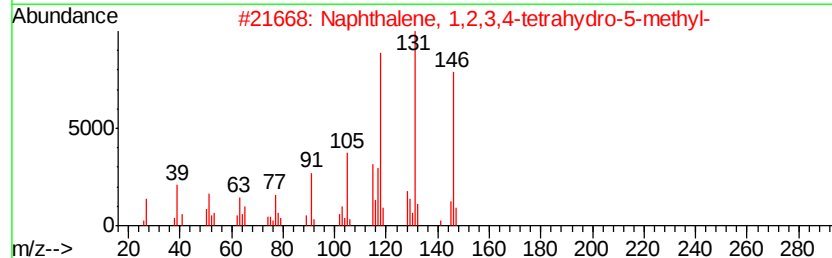
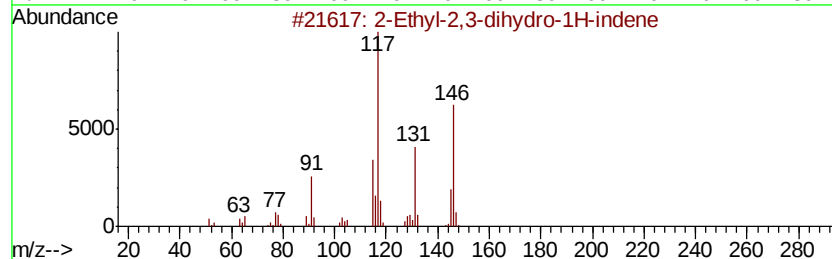
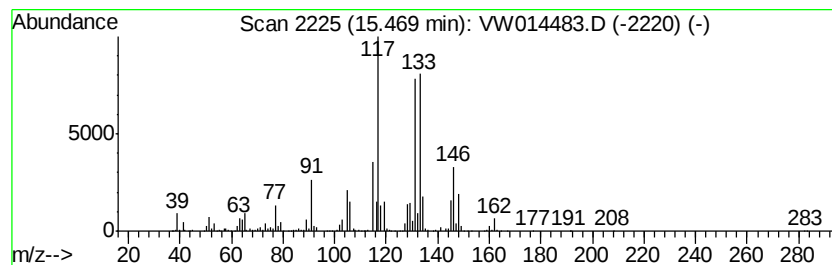
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Quant Title : VOC Analysis

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

Peak Number 66 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	4.79 ug/L	1334790	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	50
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	46
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	46
4		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	42
5		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK90

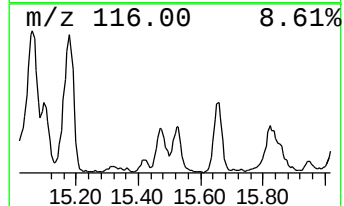
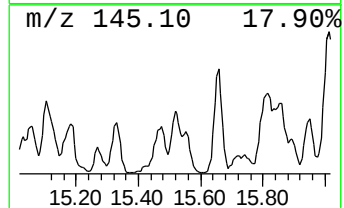
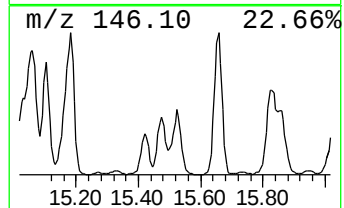
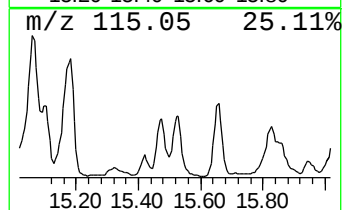
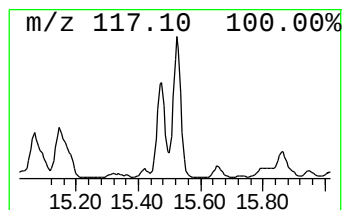
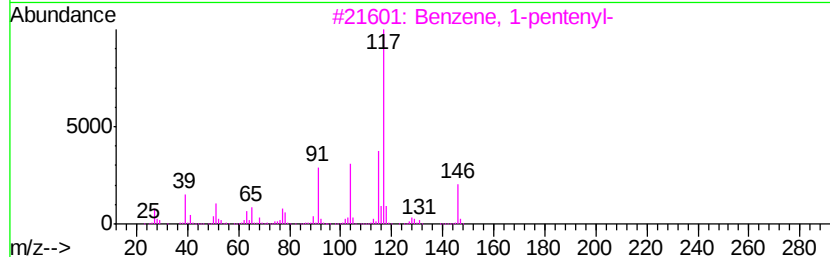
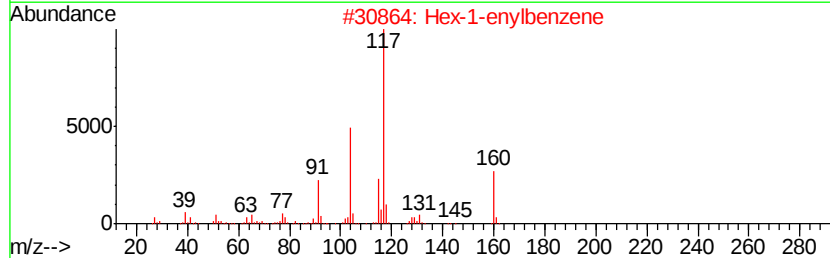
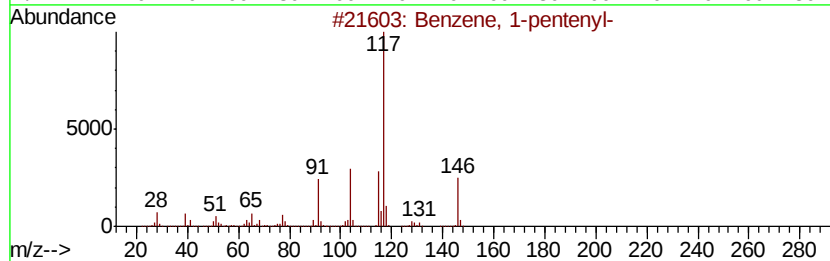
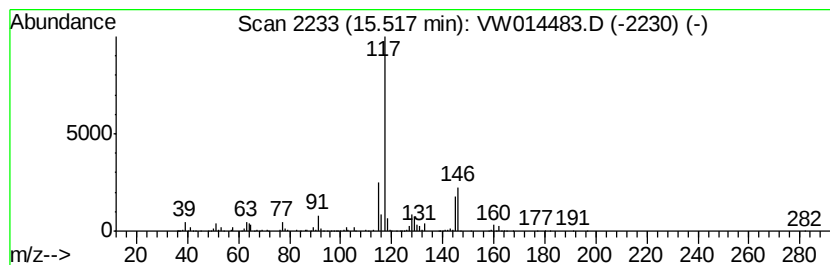
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Quant Title : VOC Analysis

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

Peak Number 67 Benzene, 1-pentenyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	4.54 ug/L	1266840	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-pentenyl-	146	C11H14	000826-18-6	80
2			Hex-1-enylbenzene	160	C12H16	000828-15-9	64
3			Benzene, 1-pentenyl-	146	C11H14	000826-18-6	59
4			1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	59
5			1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122719\
 Data File : VW014483.D
 Acq On : 28 Dec 2019 00:24
 Operator : SY/VA
 Sample : K6397-01
 Misc : 5.58G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETK90

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.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
unknown-01	1.99	4.1	ug/L	551389	1	8.84	3356350	25.0
Sulfur dioxide	2.18	5.5	ug/L	741957	1	8.84	3356350	25.0
(DEL) Alkane: Str...	3.03	1.8	ug/L	244890	1	8.84	3356350	25.0
(DEL) Alkane: Str...	4.95	3.1	ug/L	414334	1	8.84	3356350	25.0
(DEL) Alkane: Str...	5.43	1.4	ug/L	193681	1	8.84	3356350	25.0
(DEL) Alkane: Str...	5.93	1.8	ug/L	240429	1	8.84	3356350	25.0
(DEL) Alkane: Str...	6.87	6.0	ug/L	803582	1	8.84	3356350	25.0
(DEL) Alkane: Str...	7.91	11.0	ug/L	1471150	1	8.84	3356350	25.0
(DEL) Alkane: Str...	8.02	18.6	ug/L	2492870	1	8.84	3356350	25.0
(DEL) Alkane: Str...	8.15	13.7	ug/L	1832650	1	8.84	3356350	25.0
(DEL) Alkane: Str...	8.48	58.7	ug/L	7876090	1	8.84	3356350	25.0
(DEL) Alkane: Cyc...	8.57	1.8	ug/L	234298	1	8.84	3356350	25.0
(DEL) Alkane: Str...	8.69	5.3	ug/L	710218	1	8.84	3356350	25.0
(DEL) Alkane: Str...	9.46	1.4	ug/L	180698	1	8.84	3356350	25.0
(DEL) Alkane: Cyc...	9.51	2.0	ug/L	262235	1	8.84	3356350	25.0
(DEL) Alkane: Cyc...	9.60	2.4	ug/L	315223	1	8.84	3356350	25.0
(DEL) Alkane: Str...	9.76	27.1	ug/L	3636800	1	8.84	3356350	25.0
(DEL) Alkane: Str...	9.89	26.3	ug/L	3531630	1	8.84	3356350	25.0
(DEL) Alkane: Str...	9.95	7.1	ug/L	953728	1	8.84	3356350	25.0
(DEL) Alkane: Str...	10.09	15.5	ug/L	2084570	1	8.84	3356350	25.0
(DEL) Alkane: Str...	10.24	4.0	ug/L	615746	2	11.63	3877610	25.0
(DEL) Alkane: Str...	10.50	9.0	ug/L	1389430	2	11.63	3877610	25.0
(DEL) Alkane: Cyc...	10.76	3.7	ug/L	569894	2	11.63	3877610	25.0
(DEL) Alkane: Str...	10.84	1.8	ug/L	280036	2	11.63	3877610	25.0
(DEL) Alkane: Str...	11.03	2.6	ug/L	401797	2	11.63	3877610	25.0
(DEL) Alkane: Str...	11.41	8.6	ug/L	1331900	2	11.63	3877610	25.0
(DEL) Alkane: Str...	11.51	5.3	ug/L	825990	2	11.63	3877610	25.0
(DEL) Alkane: Str...	12.24	1.5	ug/L	232998	2	11.63	3877610	25.0
Cyclooctene, 3-me...	12.33	1.6	ug/L	253759	2	11.63	3877610	25.0
(DEL) Alkane: Str...	12.59	3.8	ug/L	1056100	3	13.55	6971000	25.0
Benzene, propyl-	12.80	17.4	ug/L	4847680	3	13.55	6971000	25.0
Benzene, 1-ethyl-...	12.87	13.2	ug/L	3681120	3	13.55	6971000	25.0
Benzene, 1-ethyl-...	12.90	15.7	ug/L	4378790	3	13.55	6971000	25.0
Mesitylene	12.94	12.9	ug/L	3604920	3	13.55	6971000	25.0
Benzene, 1,2,3-tr...	13.25	107.0	ug/L	29842100	3	13.55	6971000	25.0
Benzene, 1-methyl...	13.38	5.6	ug/L	1574020	3	13.55	6971000	25.0
o-Cymene	13.44	3.7	ug/L	1023420	3	13.55	6971000	25.0
Benzene, 1-methyl...	13.49	1.6	ug/L	460863	3	13.55	6971000	25.0
Benzene, 1,3-diet...	13.72	14.6	ug/L	4069490	3	13.55	6971000	25.0
unknown-02	13.75	28.7	ug/L	8007820	3	13.55	6971000	25.0
Benzene, 1,4-diet...	13.79	40.6	ug/L	11322400	3	13.55	6971000	25.0
Benzene, 2-ethyl-...	14.01	26.1	ug/L	7274700	3	13.55	6971000	25.0
Benzene, 1-ethyl-...	14.10	37.6	ug/L	10481900	3	13.55	6971000	25.0
(E)-1-Phenyl-1-bu...	14.16	4.9	ug/L	1365760	3	13.55	6971000	25.0
Benzene, 1-etheny...	14.21	20.1	ug/L	5592110	3	13.55	6971000	25.0
Benzene, 1-ethyl-...	14.33	9.9	ug/L	2771140	3	13.55	6971000	25.0
Benzene, 1,2,4,5-...	14.41	24.3	ug/L	6781250	3	13.55	6971000	25.0
Benzene, 1,3-diet...	14.50	7.3	ug/L	2049070	3	13.55	6971000	25.0
Benzene, (1,1-dim...	14.54	3.8	ug/L	1069140	3	13.55	6971000	25.0

Benzene, 1-methyl...	14.60	1.4 ug/L	385944	3	13.55	6971000	25.0
unknown-03	14.64	4.8 ug/L	1326590	3	13.55	6971000	25.0
Benzene, 2-etheny...	14.69	21.8 ug/L	6072670	3	13.55	6971000	25.0
Naphthalene, 1,2,...	14.96	3.6 ug/L	1002940	3	13.55	6971000	25.0
1H-Indene, 2,3-di...	15.06	23.0 ug/L	6420970	3	13.55	6971000	25.0
1H-Indene, 2,3-di...	15.18	11.9 ug/L	3305820	3	13.55	6971000	25.0
Naphthalene, 1,2,...	15.42	1.4 ug/L	389681	3	13.55	6971000	25.0
2-Ethyl-2,3-dihyd...	15.47	4.8 ug/L	1334790	3	13.55	6971000	25.0
Benzene, 1-pentenyl-	15.52	4.5 ug/L	1266840	3	13.55	6971000	25.0

Instrument :
MSVOA_W
ClientSampleId :
ETK90