

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
 Data File : VW014325.D
 Acq On : 12 Dec 2019 14:46
 Operator : SY/VA
 Sample : K6236-11
 Misc : 5.29G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFEW0

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\SOM2WLM120519S.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	1.959	5	9	18	rVB4	11620	23508	0.02%	0.001%
2	2.154	36	41	48	rBV	15158	34711	0.03%	0.002%
3	2.349	64	73	84	rBV	353549	667872	0.65%	0.042%
4	2.886	153	161	175	rBV	226348	582621	0.56%	0.037%
5	4.013	334	346	359	rBV	445209	1516039	1.47%	0.096%
6	4.117	359	363	380	rVV	36423	106975	0.10%	0.007%
7	4.385	397	407	421	rVB3	11210	36644	0.04%	0.002%
8	4.922	481	495	520	rBV3	74075	325492	0.31%	0.021%
9	5.934	651	661	671	rBV4	16044	52966	0.05%	0.003%
10	7.074	839	848	853	rVV2	102137	279949	0.27%	0.018%
11	7.129	853	857	874	rVV3	62672	206594	0.20%	0.013%
12	7.641	930	941	952	rBV	716833	1720426	1.66%	0.108%
13	7.946	982	991	999	rVV10	4484	13645	0.01%	0.001%
14	8.153	1018	1025	1031	rBV6	2992	8712	0.01%	0.001%
15	8.275	1034	1045	1062	rBV2	1400917	4100940	3.96%	0.258%
16	8.842	1127	1138	1149	rBV	1297169	2565947	2.48%	0.162%
17	9.073	1166	1176	1187	rVB2	29753	64841	0.06%	0.004%
18	9.275	1198	1209	1223	rBV	922406	1938595	1.87%	0.122%
19	9.750	1282	1287	1292	rBV8	5138	11835	0.01%	0.001%
20	10.031	1325	1333	1347	rBV	475548	867595	0.84%	0.055%
21	10.213	1357	1363	1365	rBV3	10884	19296	0.02%	0.001%
22	10.323	1372	1381	1390	rBV	1804624	3269238	3.16%	0.206%
23	10.445	1396	1401	1404	rBV6	13076	22221	0.02%	0.001%
24	10.500	1404	1410	1416	rVB4	55023	126542	0.12%	0.008%
25	10.573	1416	1422	1428	rBV	295184	522847	0.51%	0.033%
26	10.665	1432	1437	1446	rVB3	97691	191518	0.19%	0.012%
27	10.762	1446	1453	1457	rBV3	114460	252787	0.24%	0.016%
28	10.841	1462	1466	1473	rVB	131060	227991	0.22%	0.014%
29	10.933	1473	1481	1488	rBV2	1184847	2349951	2.27%	0.148%
30	10.994	1488	1491	1492	rBV2	32007	36147	0.03%	0.002%
31	11.036	1492	1498	1506	rVB	350313	740099	0.72%	0.047%
32	11.110	1506	1510	1513	rBV	190762	328256	0.32%	0.021%
33	11.177	1513	1521	1524	rBV	487824	857048	0.83%	0.054%
34	11.232	1524	1530	1536	rVB	2581902	4756093	4.60%	0.300%

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35	11.280	1536	1538	1541	rVB	109411	118180	0.11%	0.007%
36	11.335	1541	1547	1551	rBV2	1638192	2759999	2.67%	0.174%
37	11.378	1551	1554	1559	rVB	513445	774118	0.75%	0.049%
38	11.433	1559	1563	1571	rVB	1120015	2134584	2.06%	0.135%
39	11.506	1571	1575	1579	rBV	424770	667202	0.64%	0.042%
40	11.561	1579	1584	1590	rBV6	362668	910481	0.88%	0.057%
41	11.628	1590	1595	1599	rBV	1401420	2325235	2.25%	0.147%
42	11.664	1599	1601	1605	rVB2	388031	460255	0.44%	0.029%
43	11.725	1608	1611	1613	rBV3	217634	271356	0.26%	0.017%
44	11.762	1613	1617	1620	rBV	1460337	2295333	2.22%	0.145%
45	11.817	1620	1626	1630	rVB4	1982113	3950250	3.82%	0.249%
46	11.872	1630	1635	1639	rBV	3509770	6415748	6.20%	0.404%
47	11.908	1639	1641	1647	rVB3	3250989	5300073	5.12%	0.334%
48	11.975	1647	1652	1659	rBV3	1777206	4324770	4.18%	0.273%
49	12.061	1659	1666	1671	rBV4	2017332	4111446	3.97%	0.259%
50	12.134	1671	1678	1684	rBV3	9171409	21959830	21.23%	1.384%
51	12.189	1684	1687	1690	rVB2	1705477	1911566	1.85%	0.120%
52	12.256	1690	1698	1703	rVB	28141600	46910503	45.34%	2.957%
53	12.366	1703	1716	1723	rBV5	17664146	65413728	63.23%	4.123%
54	12.457	1727	1731	1732	rBV4	1988385	2743951	2.65%	0.173%
55	12.506	1736	1739	1746	rVB5	8625534	15965770	15.43%	1.006%
56	12.561	1746	1748	1752	rVB2	1470315	1898497	1.84%	0.120%
57	12.615	1752	1757	1762	rVB3	3706111	6545923	6.33%	0.413%
58	12.701	1762	1771	1775	rBV5	8045836	20785483	20.09%	1.310%
59	12.780	1779	1784	1790	rVB2	22747204	41534704	40.15%	2.618%
60	12.853	1790	1796	1801	rBV5	10057243	25185121	24.34%	1.587%
61	12.939	1801	1810	1815	rBV6	22810215	70338850	67.99%	4.434%
62	12.987	1816	1818	1823	rVB3	13910391	20389849	19.71%	1.285%
63	13.042	1823	1827	1829	rBV3	2914975	4504733	4.35%	0.284%
64	13.079	1829	1833	1837	rBV3	11580442	17009989	16.44%	1.072%
65	13.134	1837	1842	1844	rBV2	7789120	14274063	13.80%	0.900%
66	13.170	1844	1848	1854	rVB5	10373883	18065592	17.46%	1.139%
67	13.262	1860	1863	1865	rBV3	5748313	7823492	7.56%	0.493%
68	13.292	1865	1868	1872	rVB	11897859	16178997	15.64%	1.020%
69	13.347	1873	1877	1880	rBV	18155767	26197025	25.32%	1.651%
70	13.451	1886	1894	1897	rBV3	28849217	59465318	57.48%	3.748%
71	13.652	1921	1927	1929	rBV5	4394516	9032546	8.73%	0.569%

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72	13.701	1929	1935	1948	rVB6	19730274	59960892	57.96%	3.779%
73	13.877	1959	1964	1969	rBV3	40870078	70488938	68.13%	4.443%
74	13.926	1969	1972	1976	rVB3	11582858	15916344	15.38%	1.003%
75	13.981	1977	1981	1986	rBV4	16490992	27645713	26.72%	1.743%
76	14.097	1997	2000	2012	rVB2	26377074	55818084	53.95%	3.518%
77	14.201	2012	2017	2024	rBV5	24945670	52157510	50.41%	3.288%
78	14.268	2024	2028	2034	rVB4	15420530	26814910	25.92%	1.690%
79	14.322	2034	2037	2040	rBV3	7888522	11725807	11.33%	0.739%
80	14.390	2043	2048	2052	rVV2	35171782	52986791	51.21%	3.340%
81	14.499	2062	2066	2069	rBV4	12714064	17721686	17.13%	1.117%
82	14.554	2069	2075	2080	rBV5	18879546	39951454	38.62%	2.518%
83	14.737	2102	2105	2108	rBV3	9980668	15220246	14.71%	0.959%
84	14.798	2110	2115	2120	rVV3	48436410	103459764	100.00%	6.521%
85	14.859	2121	2125	2132	rVB7	26622214	54219448	52.41%	3.418%
86	14.963	2138	2142	2148	rVB2	17116244	32424106	31.34%	2.044%
87	15.066	2155	2159	2163	rVB3	19534534	31398406	30.35%	1.979%
88	15.109	2163	2166	2171	rVV2	7772873	12582405	12.16%	0.793%
89	15.182	2172	2178	2183	rVV2	19465356	41207520	39.83%	2.597%
90	15.249	2185	2189	2197	rVB6	18533768	41997009	40.59%	2.647%
91	15.328	2198	2202	2210	rVB3	28687092	52938954	51.17%	3.337%
92	15.420	2213	2217	2222	rBV	12282996	24300935	23.49%	1.532%
93	15.658	2249	2256	2263	rVB3	7507304	19801743	19.14%	1.248%
94	15.737	2264	2269	2276	rVV4	11229757	26843755	25.95%	1.692%
95	15.816	2278	2282	2286	rVV6	8478942	19669561	19.01%	1.240%
96	15.865	2286	2290	2300	rVB	17839006	34676486	33.52%	2.186%
97	16.176	2333	2341	2353	rVB4	10014322	27311613	26.40%	1.722%
98	16.371	2368	2373	2379	rVB	6240339	12822630	12.39%	0.808%
99	16.438	2379	2384	2397	rVB4	5394609	15521923	15.00%	0.978%
100	16.639	2410	2417	2424	rBV4	3415650	9115751	8.81%	0.575%

Sum of corrected areas: 1586480885

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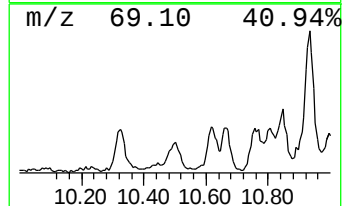
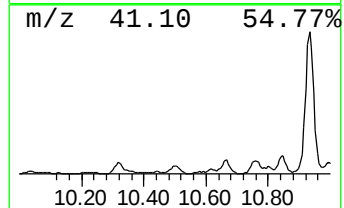
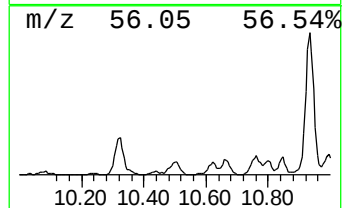
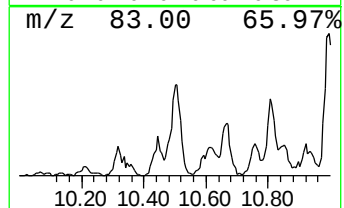
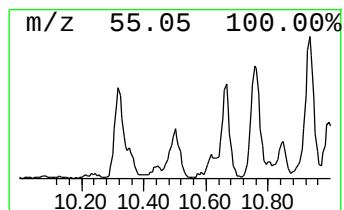
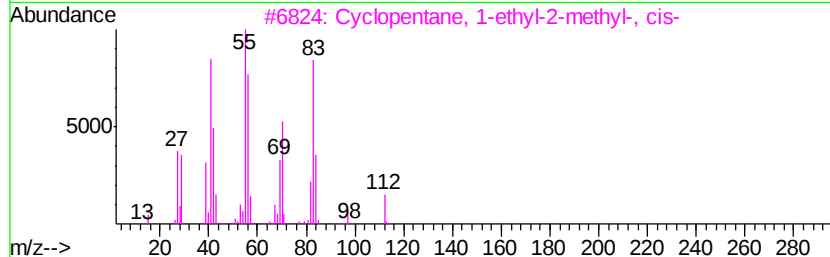
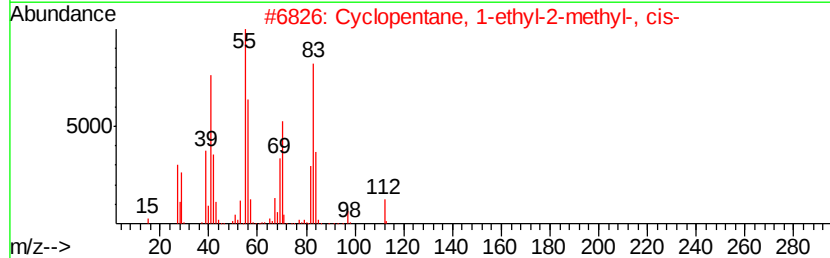
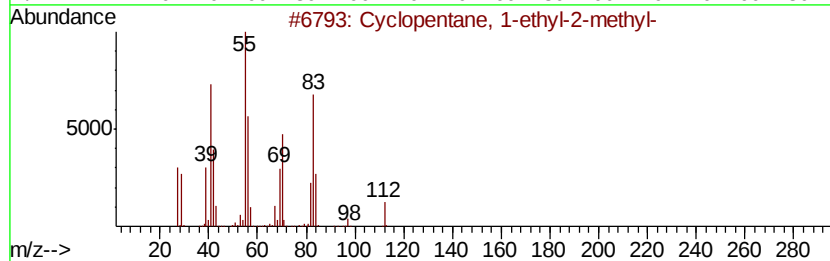
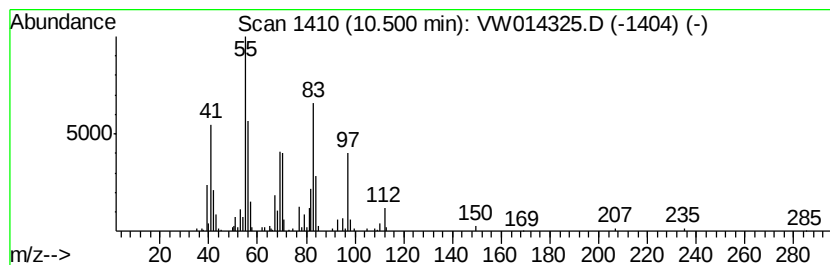
Instrument :
MSVOA_W
ClientSampleId :
BFEW0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Cyclic10.50 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.50	1.36 ug/L	126542	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	76
2		Cvclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	70
3		Cvclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	58
4		Cvclopropane, pentyl-	112	C8H16	002511-91-3	58
5		1-Ethyl-2-(4-methylpentyl)cyclop...	182	C13H26	219726-60-0	58



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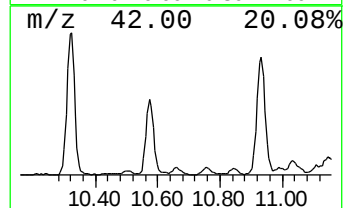
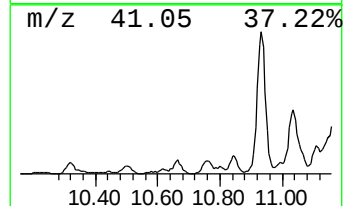
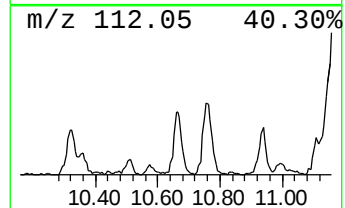
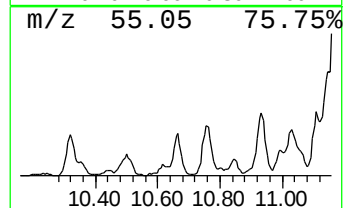
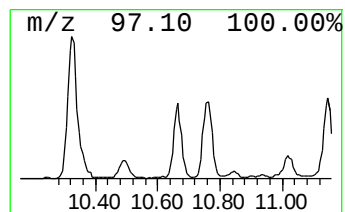
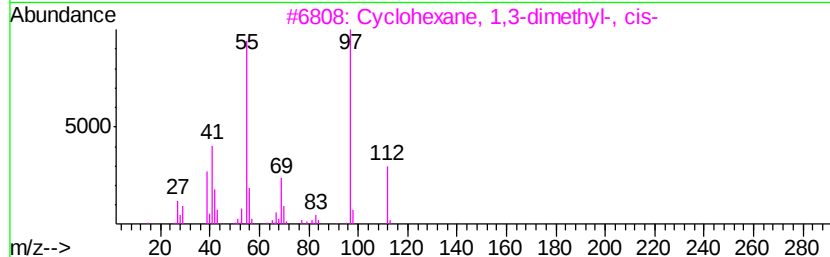
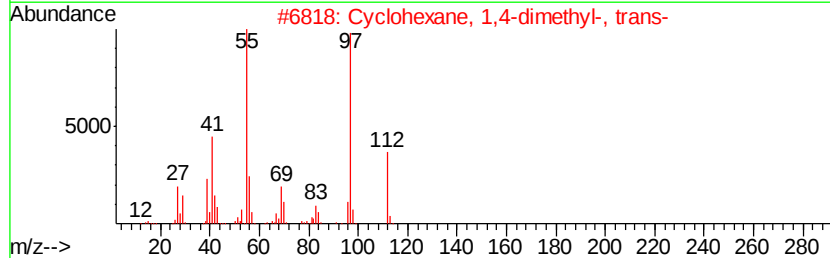
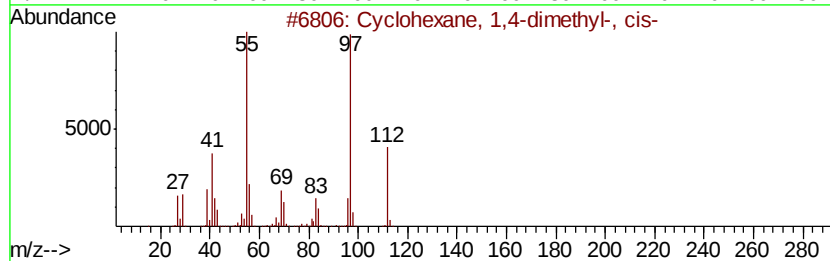
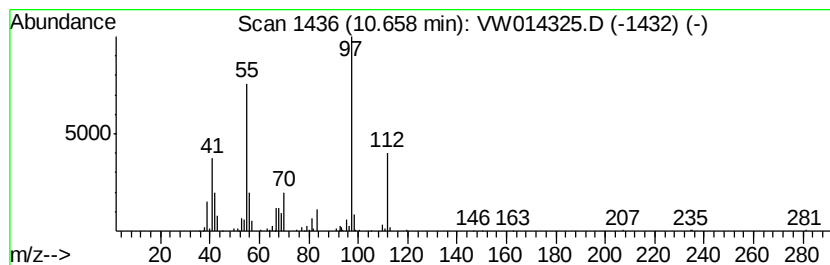
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic10.66 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.66	2.06 ug/L	191518	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	87
2		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	83
3		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	80
4		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	80
5		Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	72



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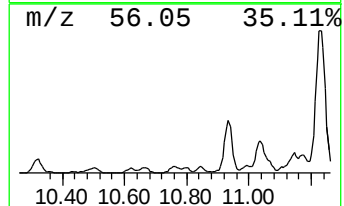
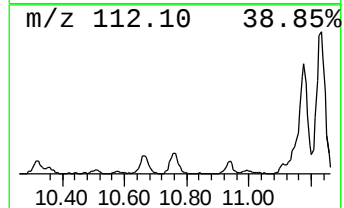
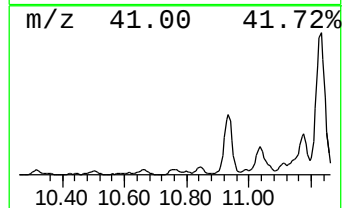
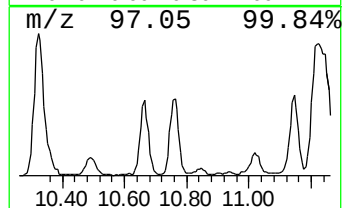
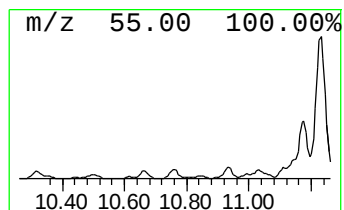
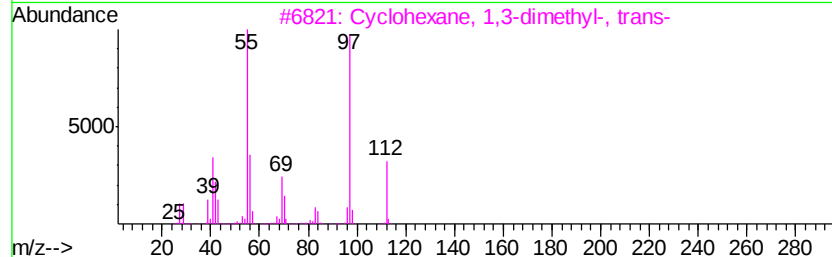
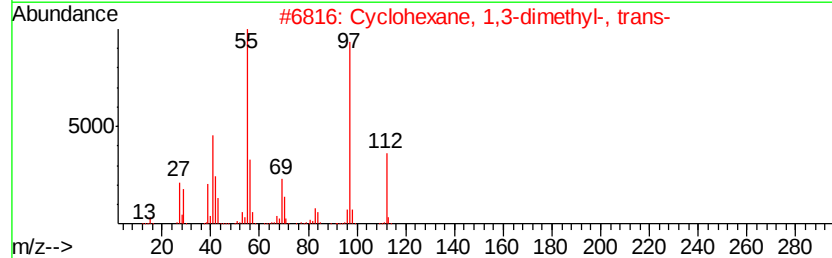
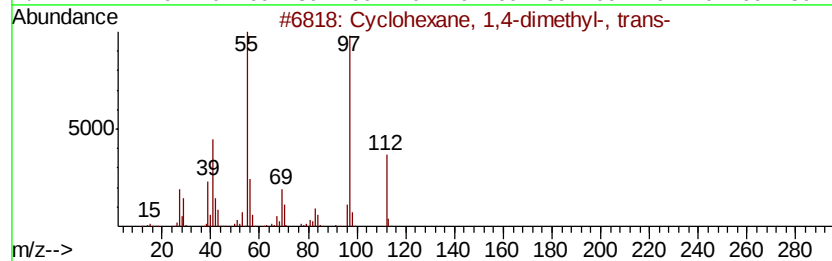
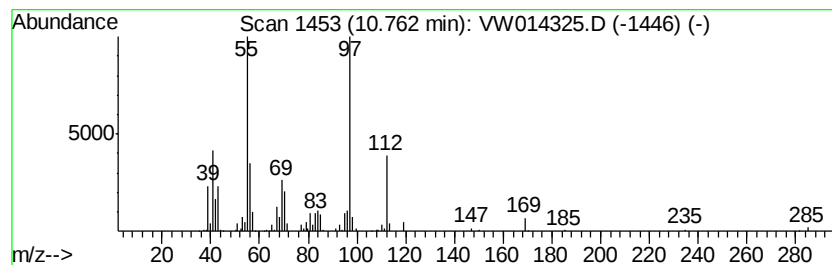
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Peak Number 4 (DEL) Alkane: Cyclic10.76 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	2.72 ug/L	252787	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	94
2		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
3		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93
4		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93
5		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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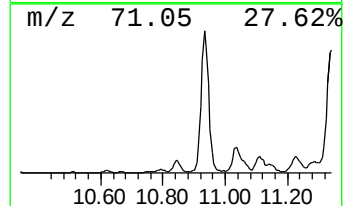
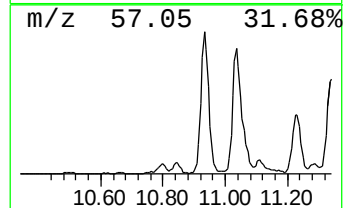
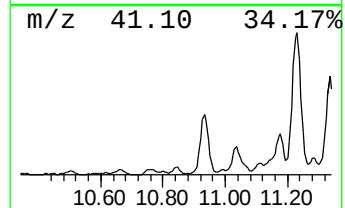
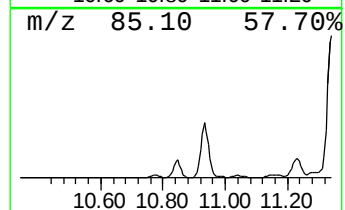
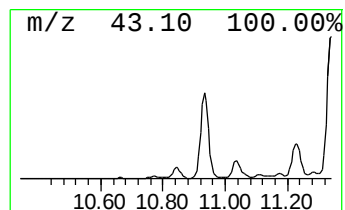
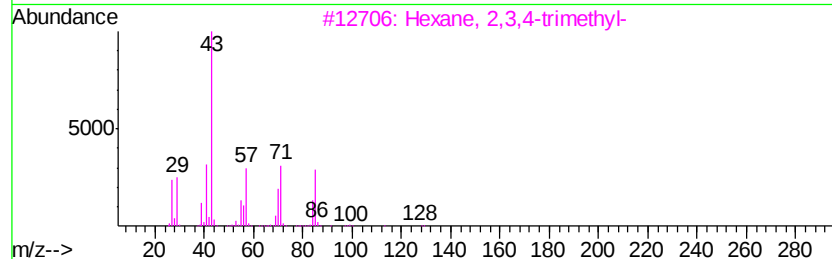
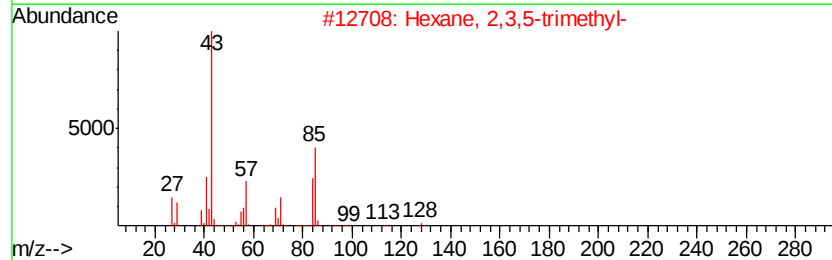
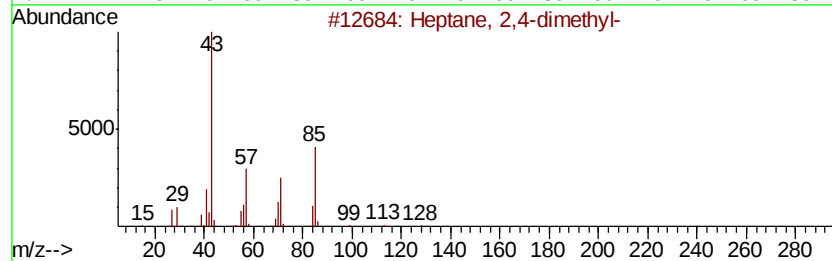
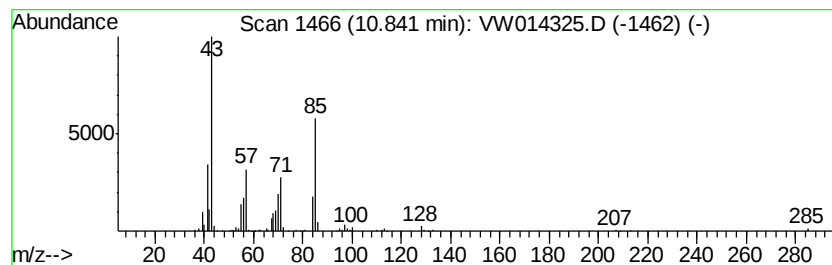
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	2.45 ug/L	227991	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
2		Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	58
3		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53
4		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	52
5		Octane, 4-methyl-	128	C9H20	002216-34-4	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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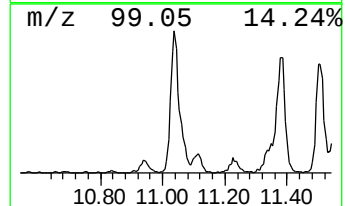
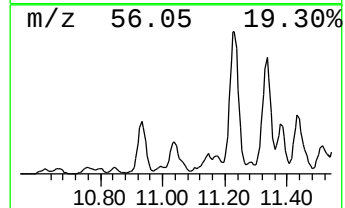
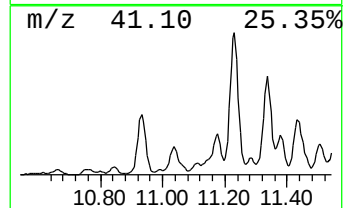
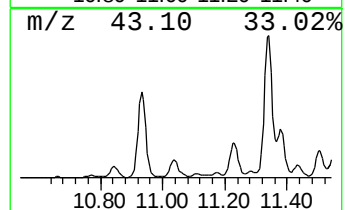
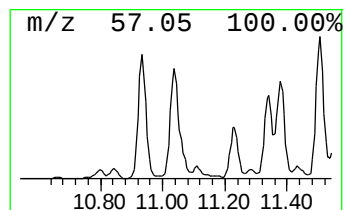
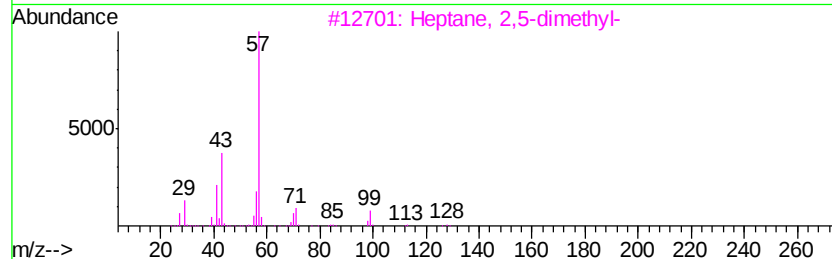
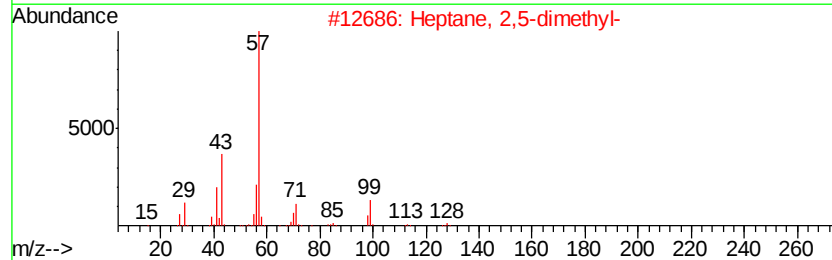
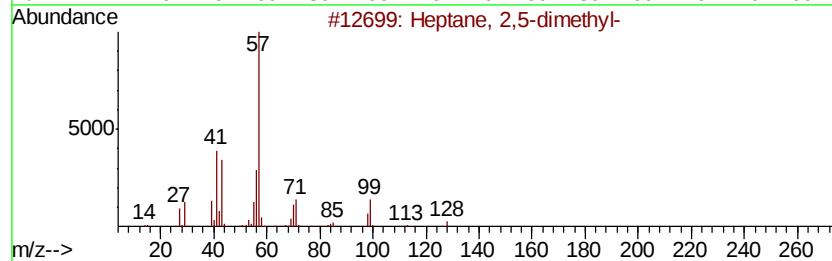
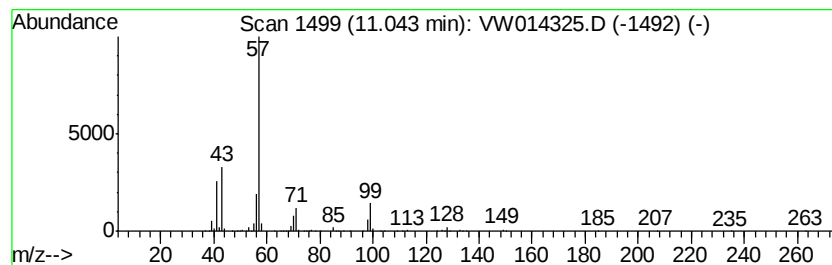
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Quant Title : VOC Analysis

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.
11.04	7.96 ug/L	740099	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
2		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
4		Octane, 3-methyl-	128	C9H20	002216-33-3	83
5		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

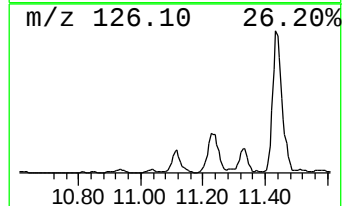
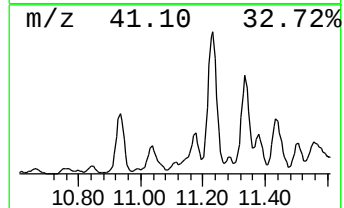
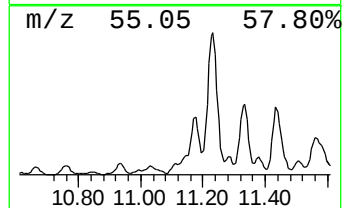
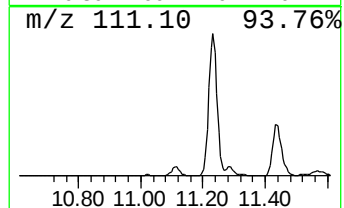
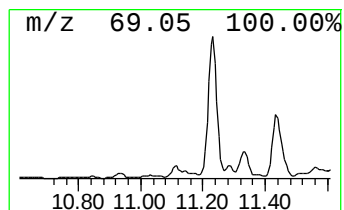
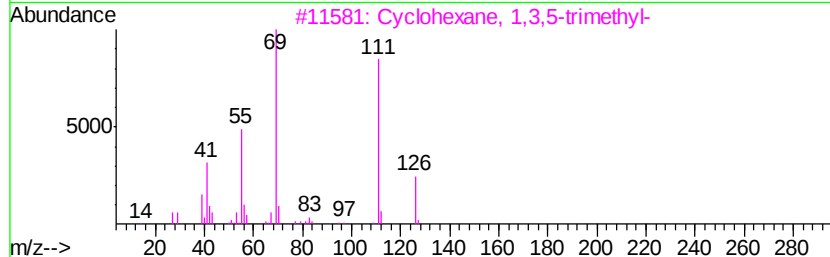
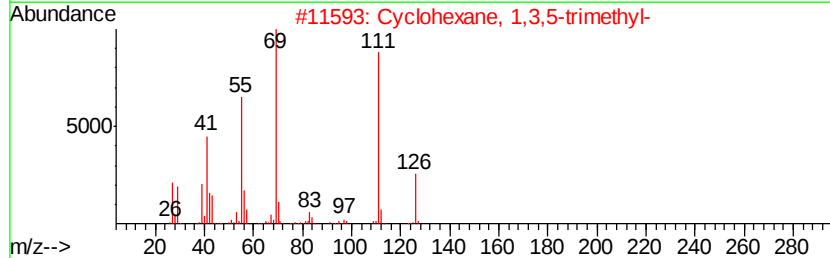
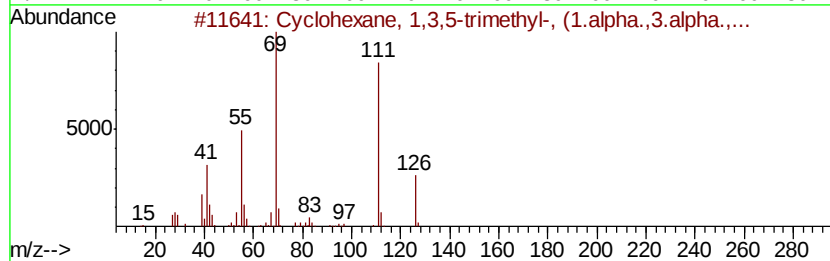
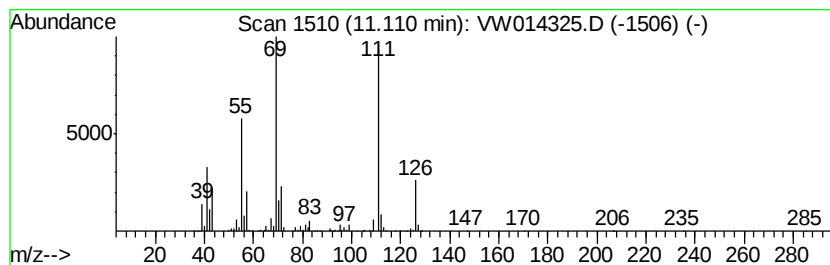
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Cyclic11.11 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.11	3.53 ug/L	328256	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	91
2	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	83
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

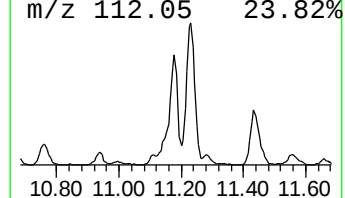
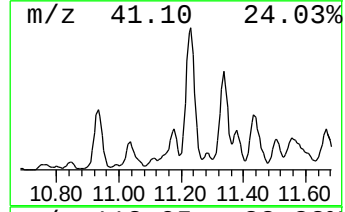
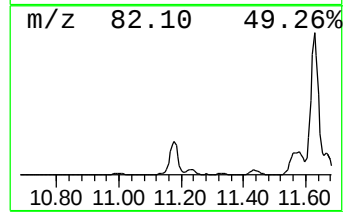
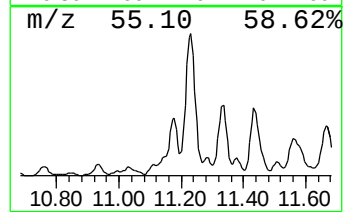
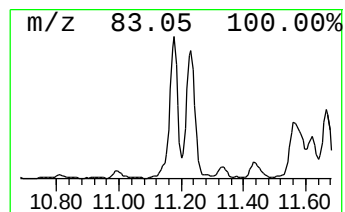
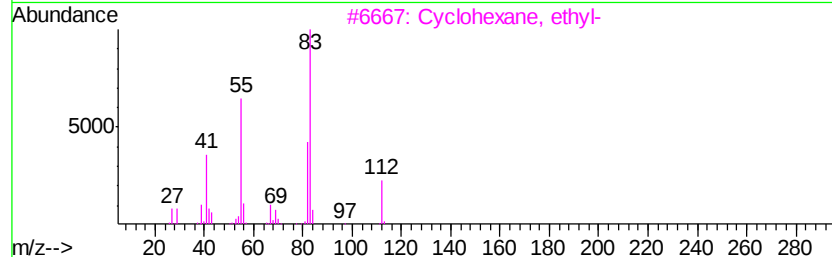
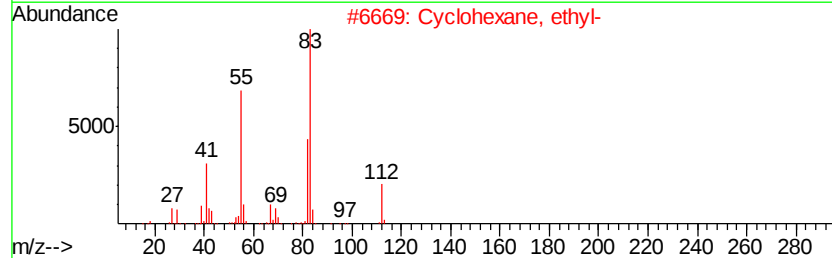
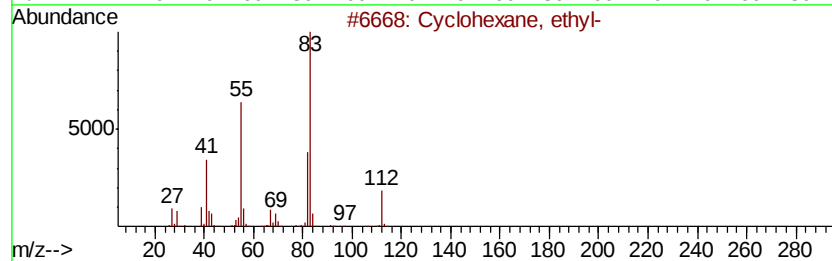
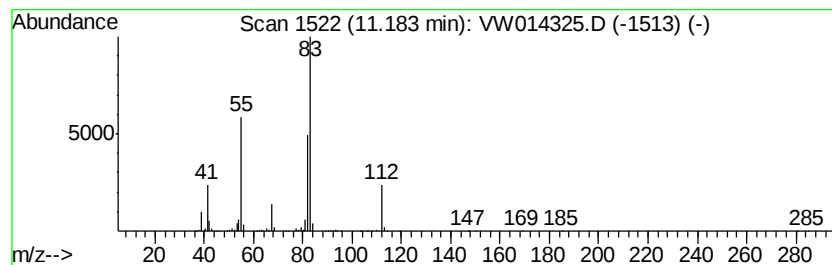
Instrument :
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Cyclic11.18 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.18	9.21 ug/L	857048	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclohexane, ethyl-	112	C8H16	001678-91-7	86
2		Cvclohexane, ethyl-	112	C8H16	001678-91-7	86
3		Cvclohexane, ethyl-	112	C8H16	001678-91-7	86
4		Cvclohexane, ethyl-	112	C8H16	001678-91-7	78
5		2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

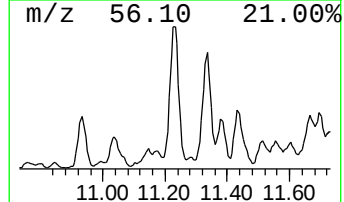
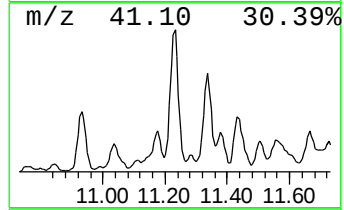
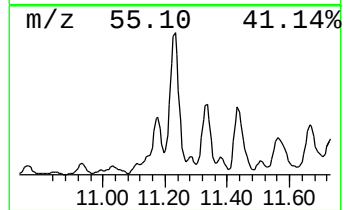
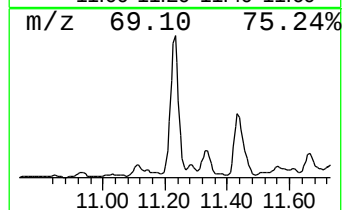
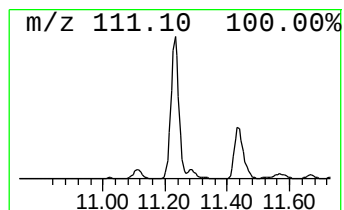
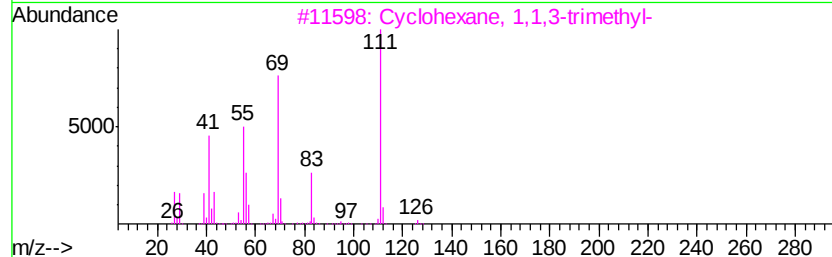
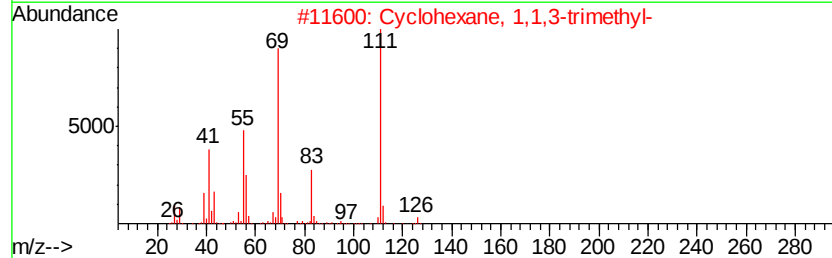
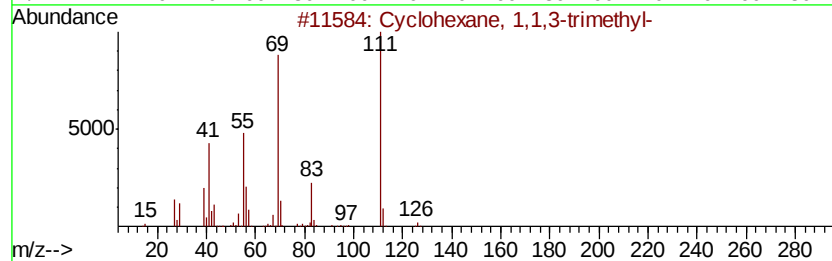
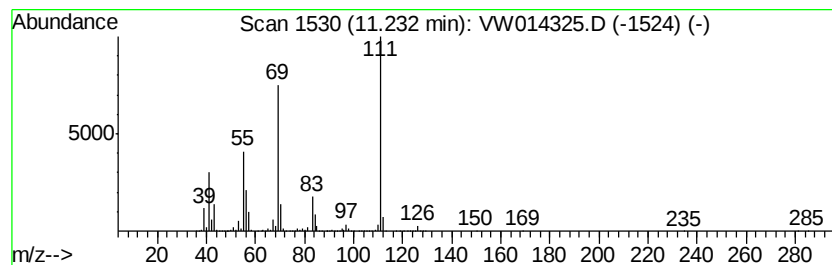
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.23	51.14 ug/L	4756090	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
2		Cvclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
3		Cvclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	81
4		Cvclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	76
5		Cyclooctane, butyl-	168	C12H24	016538-93-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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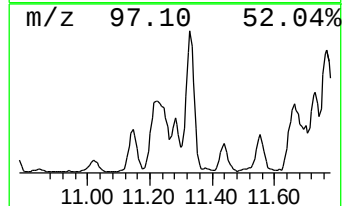
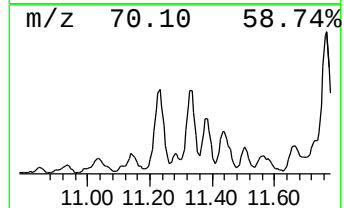
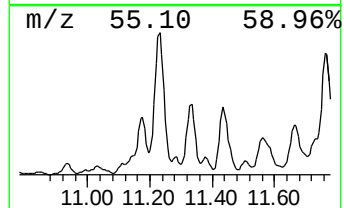
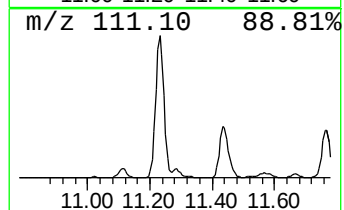
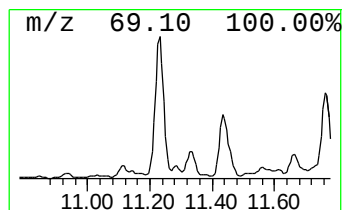
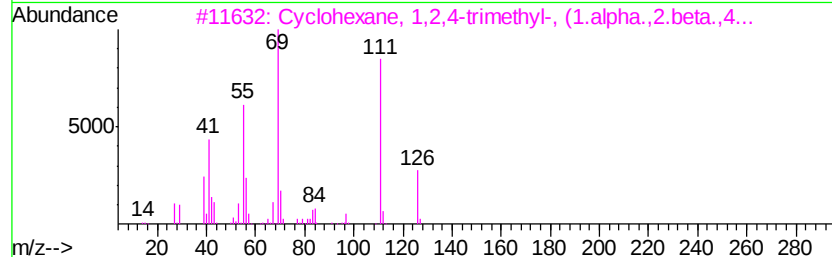
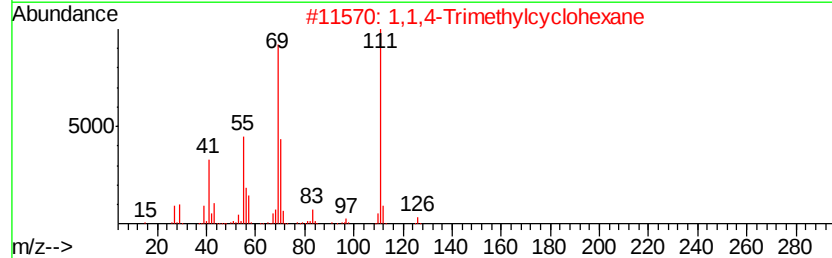
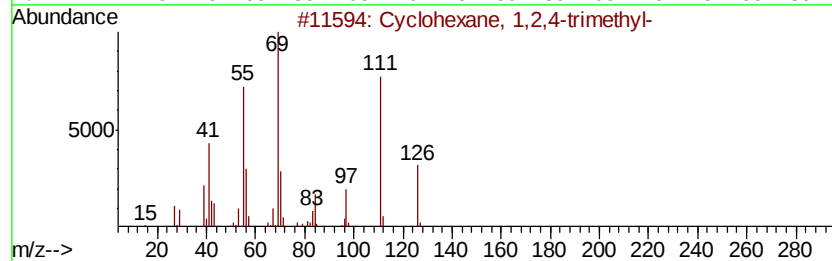
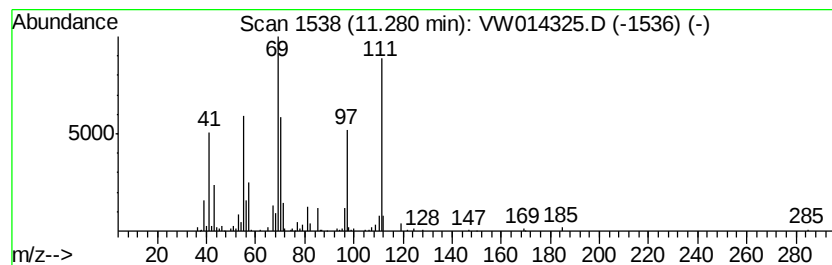
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Cyclic11.28 Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	1.27 ug/L	118180	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	59
2		1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	59
3		Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	50
4		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	50
5		1,3-Dimethyl-5-n-decylcyclohexane	252	C18H36	086710-36-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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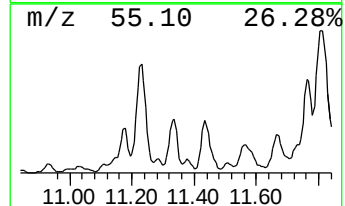
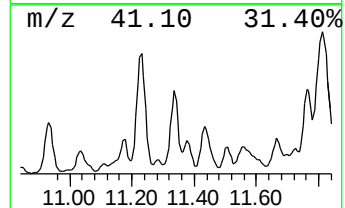
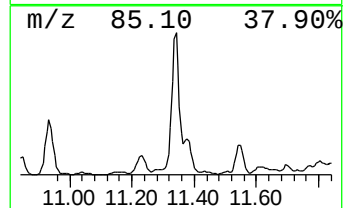
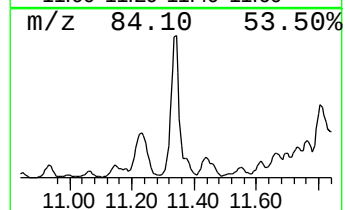
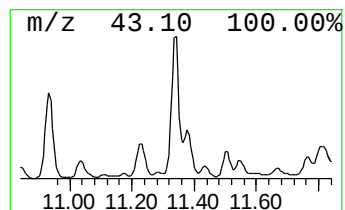
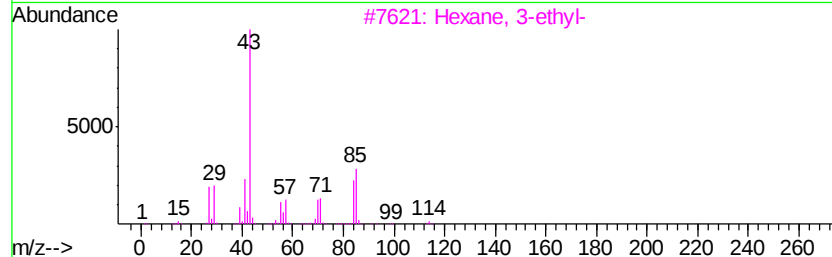
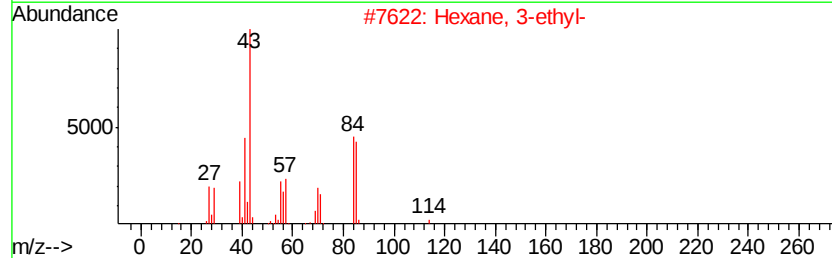
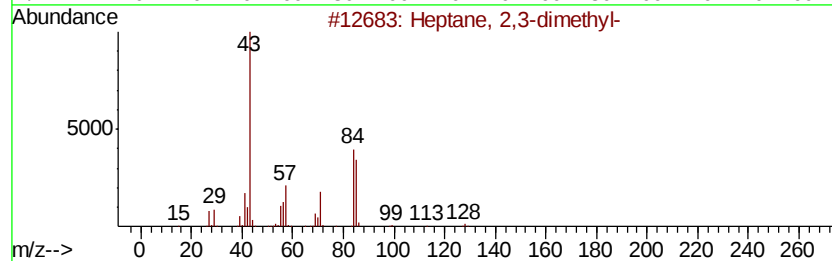
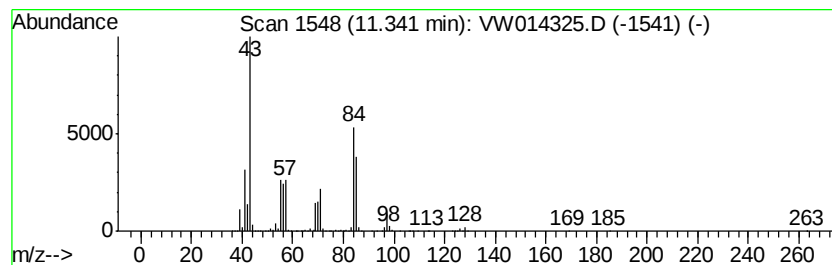
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	29.67 ug/L	2760000	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64
2		Hexane, 3-ethyl-	114	C8H18	000619-99-8	50
3		Hexane, 3-ethyl-	114	C8H18	000619-99-8	50
4		Hexane, 3-ethyl-	114	C8H18	000619-99-8	50
5		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW0

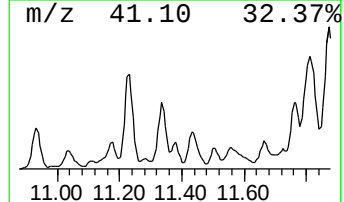
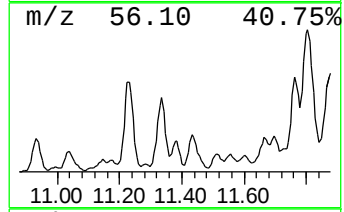
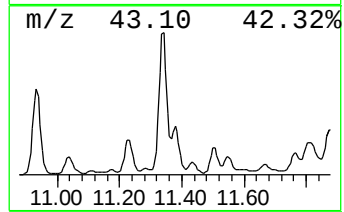
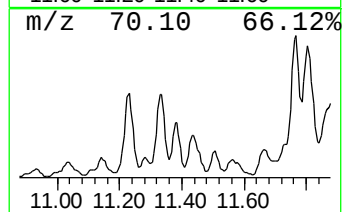
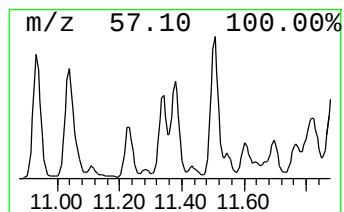
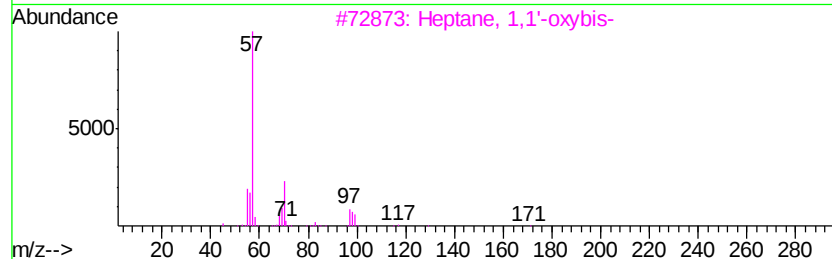
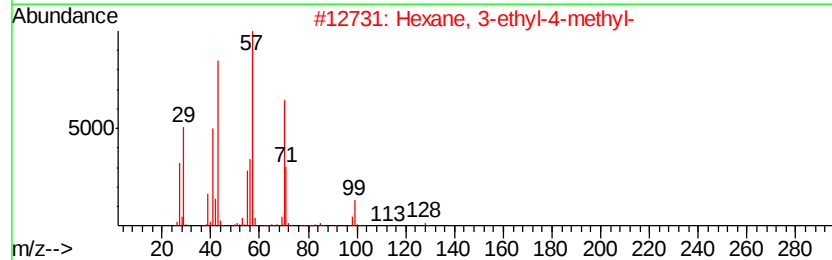
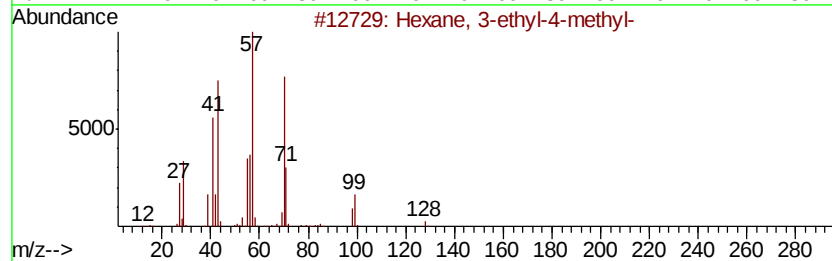
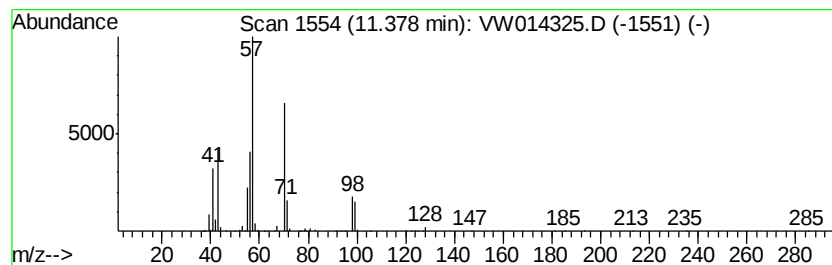
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	8.32 ug/L	774118	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	72
2			Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	56
3			Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
4			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	47
5			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW0

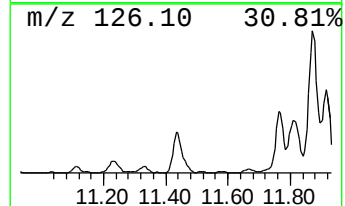
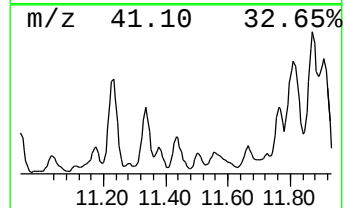
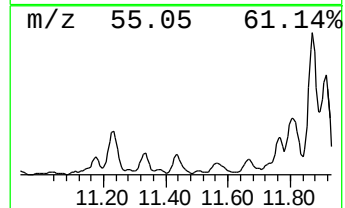
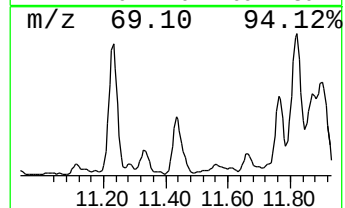
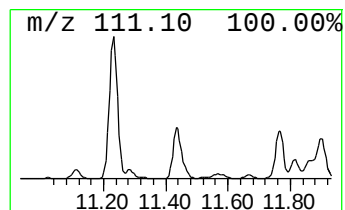
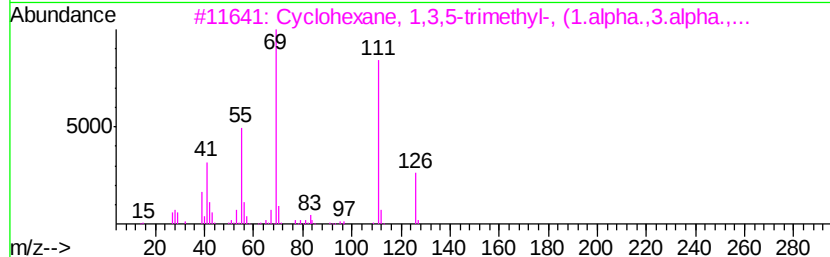
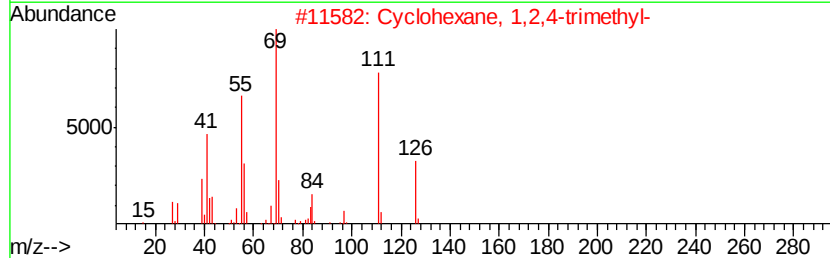
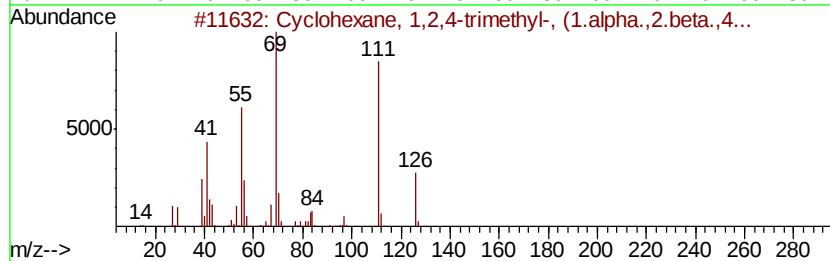
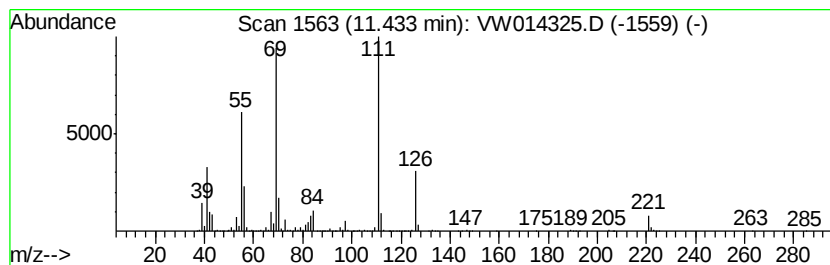
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Cyclic11.43 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	22.95 ug/L	2134580	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	95
2		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	93
3		Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	87
4		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87
5		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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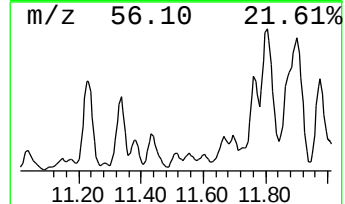
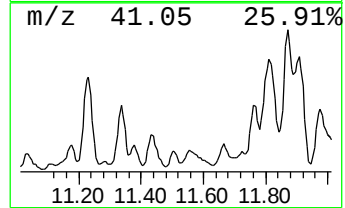
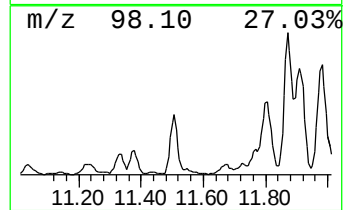
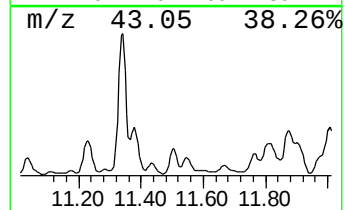
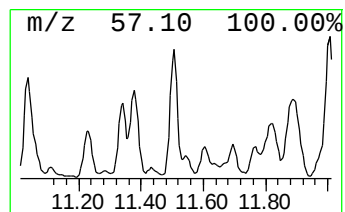
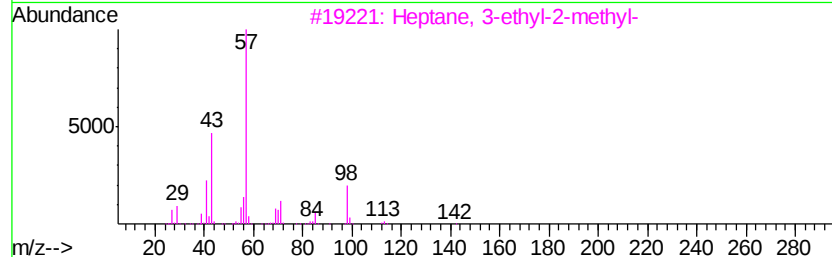
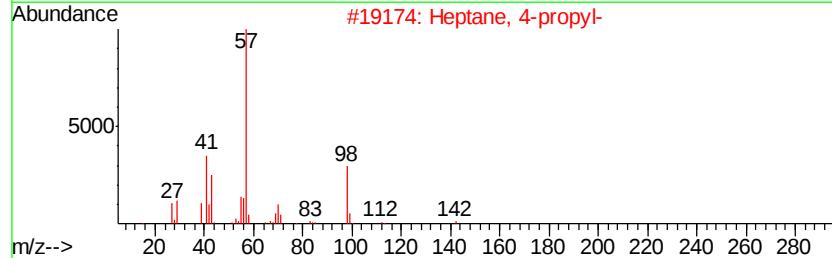
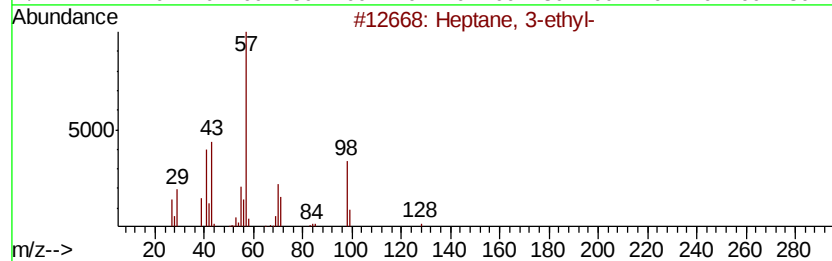
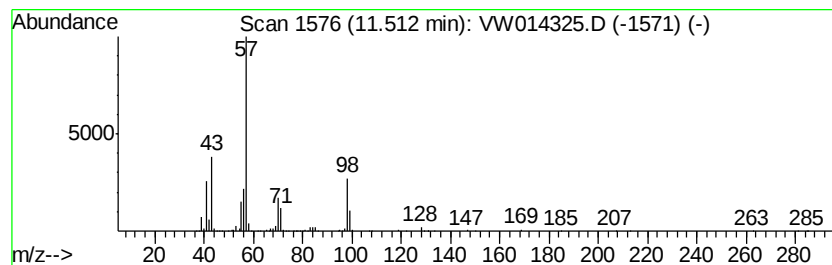
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Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	7.17 ug/L	667202	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-	128	C9H20	015869-80-4	90
2		Heptane, 4-propyl-	142	C10H22	003178-29-8	78
3		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	78
4		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	72
5		Heptane, 4-propyl-	142	C10H22	003178-29-8	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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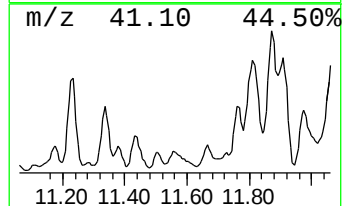
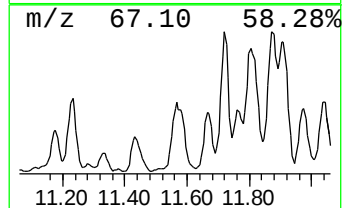
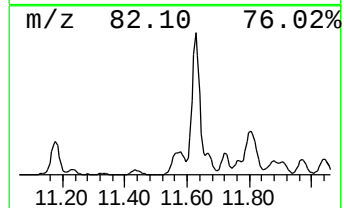
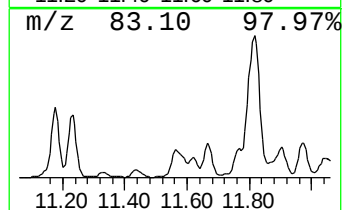
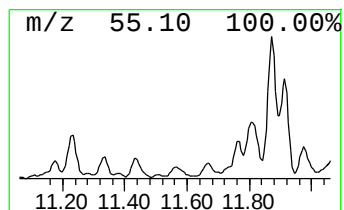
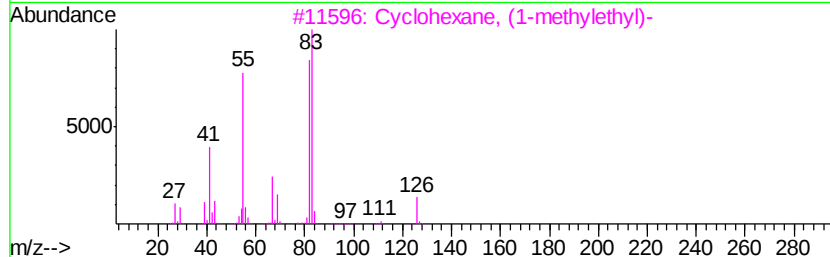
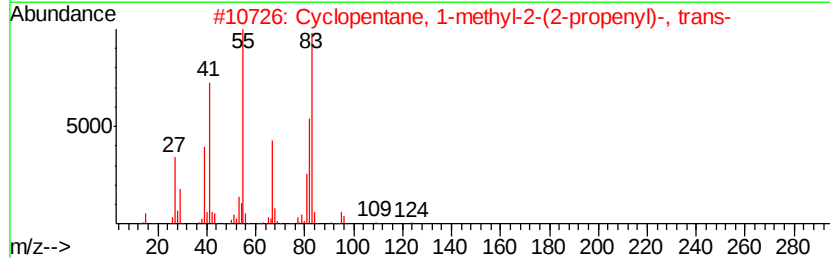
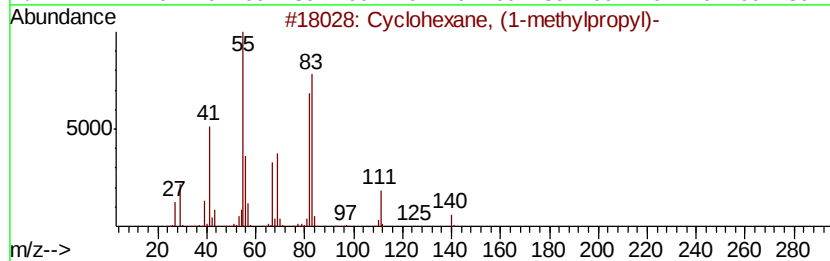
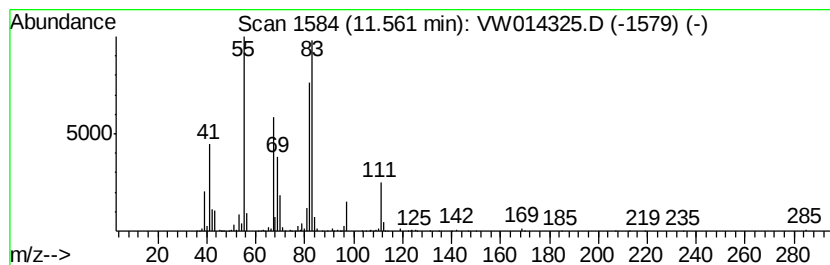
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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Cyclic11.56 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	9.79 ug/L	910481	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	72
2		Cyclopentane, 1-methyl-2-(2-propenyl)-, trans-	124	C9H16	050746-53-7	64
3		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59
4		Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	59
5		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW0

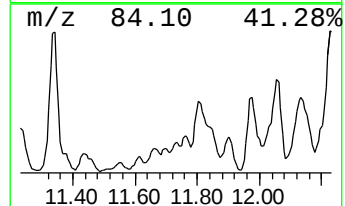
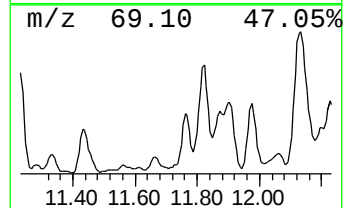
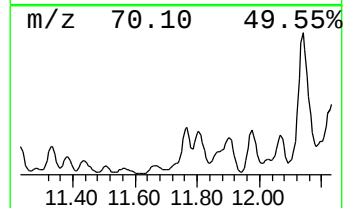
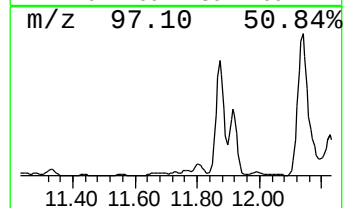
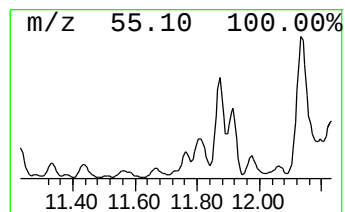
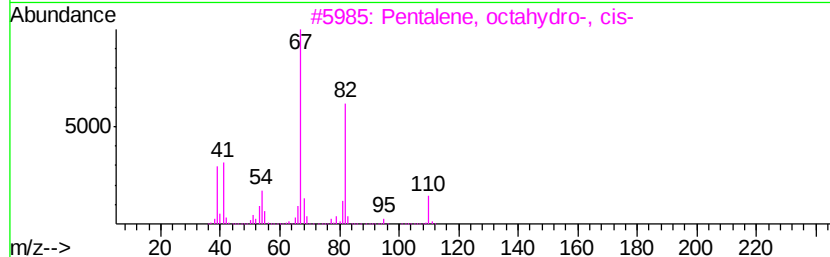
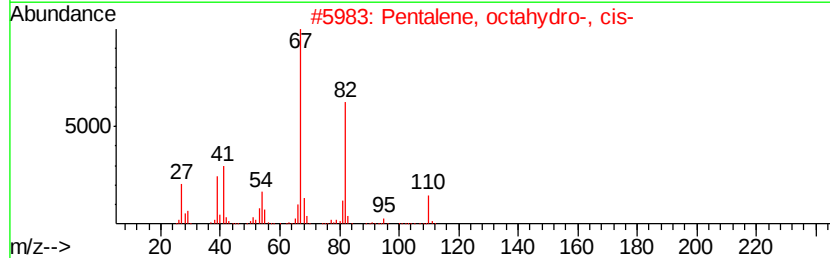
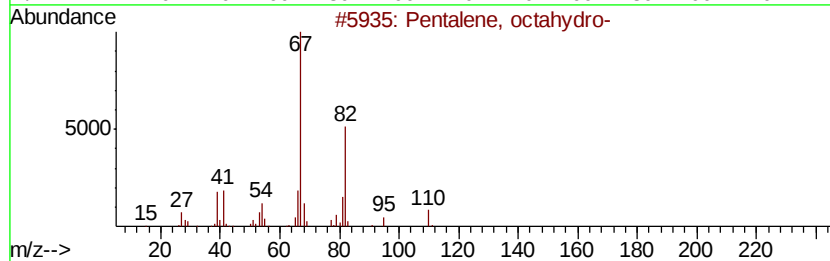
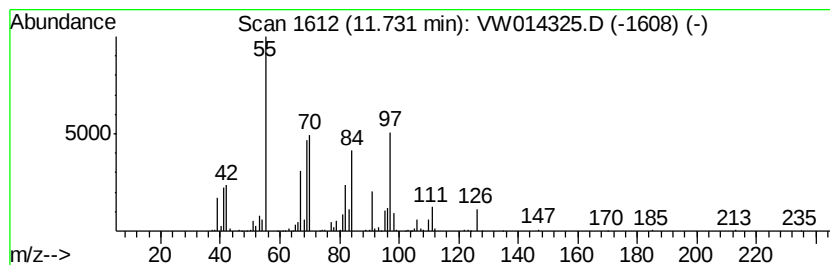
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Quant Title : VOC Analysis

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

Peak Number 16 Pentalene, octahydro- Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	2.92 ug/L	271356	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentalene, octahydro-	110	C8H14	000694-72-4	50
2		Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	43
3		Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	43
4		Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	43
5		Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

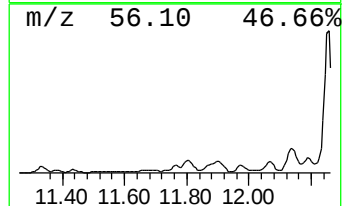
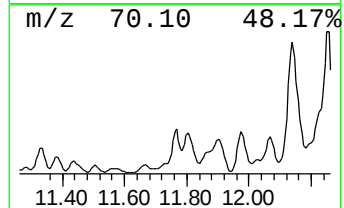
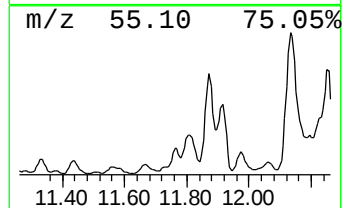
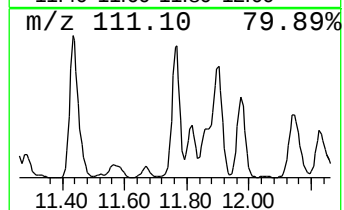
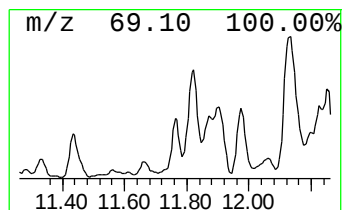
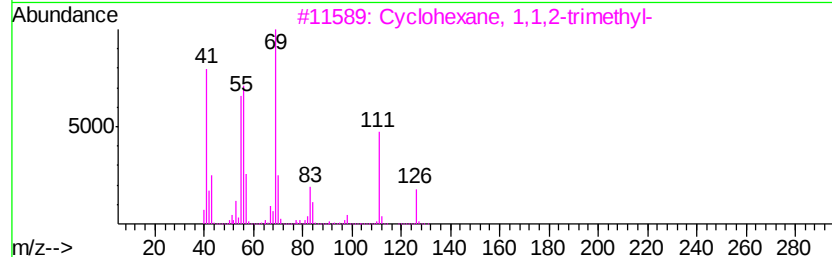
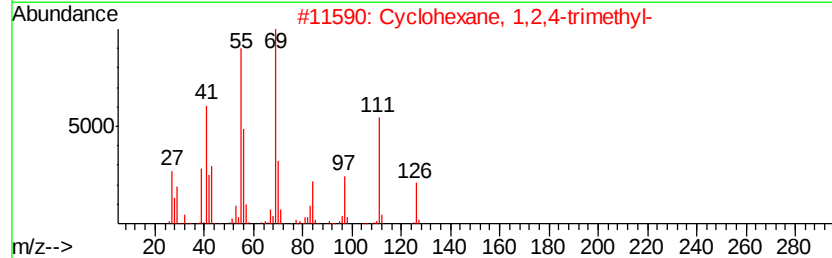
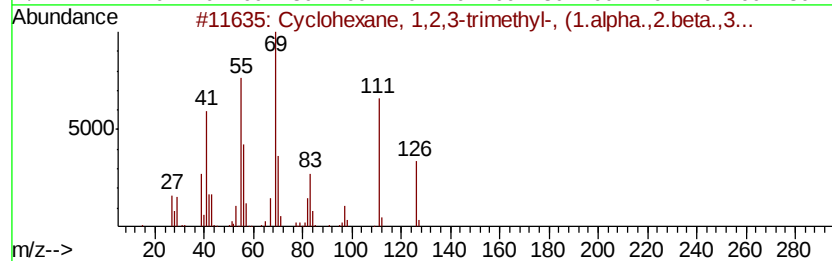
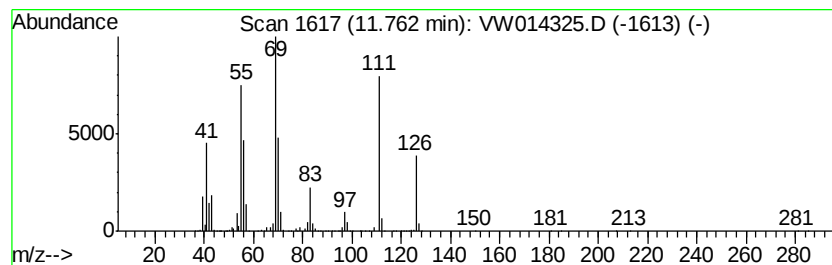
Instrument :
MSVOA_W
ClientSampleId :
BFEW0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Cyclic11.76 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.76	24.68 ug/L	2295330	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	94
2		Cvclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
3		Cvclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	87
4		Cvclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	78
5		Cvclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW0

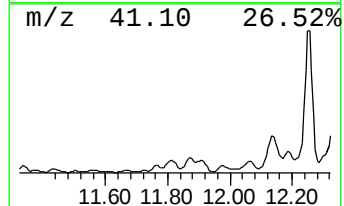
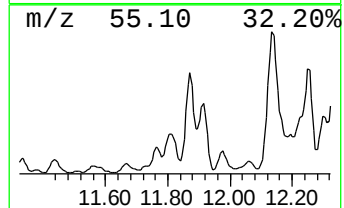
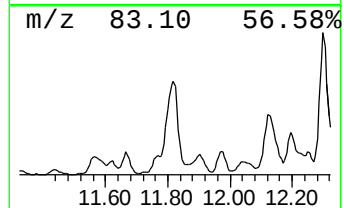
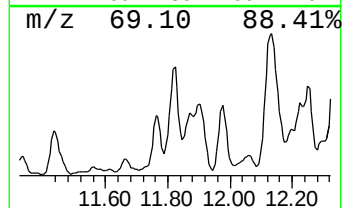
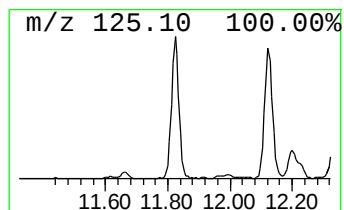
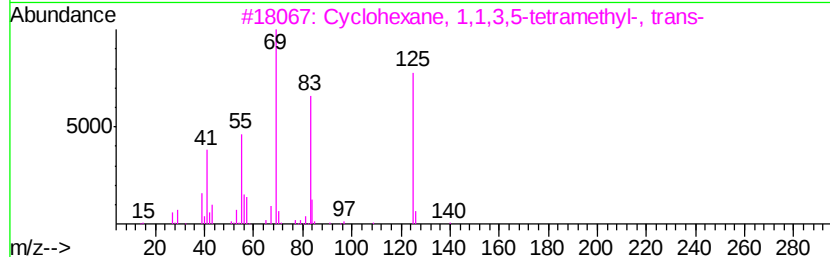
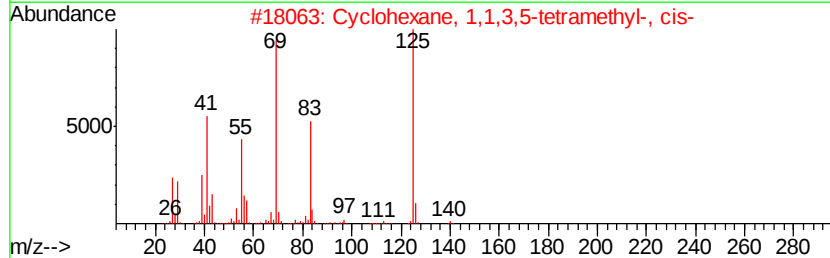
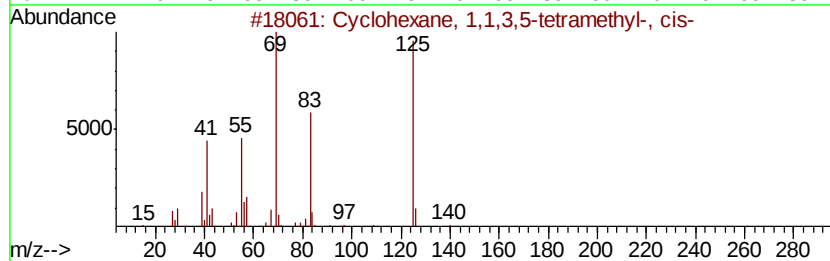
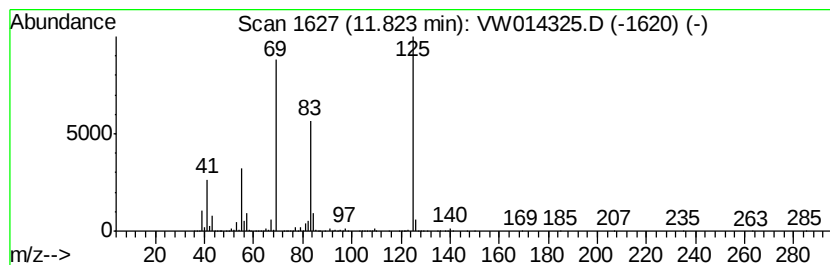
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Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Cyclic11.82 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	42.47 ug/L	3950250	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	90
2		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	90
3		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	87
4		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	78
5		2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW0

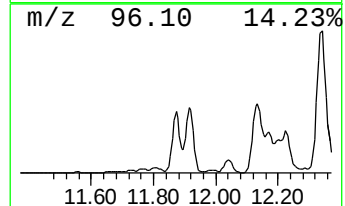
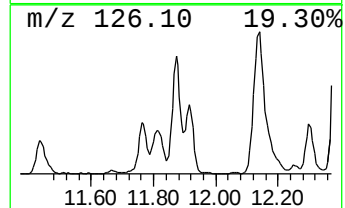
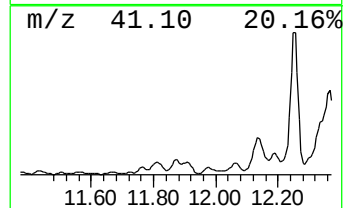
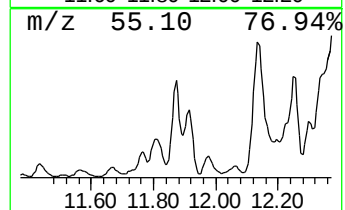
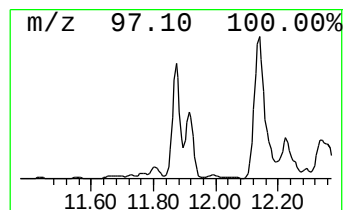
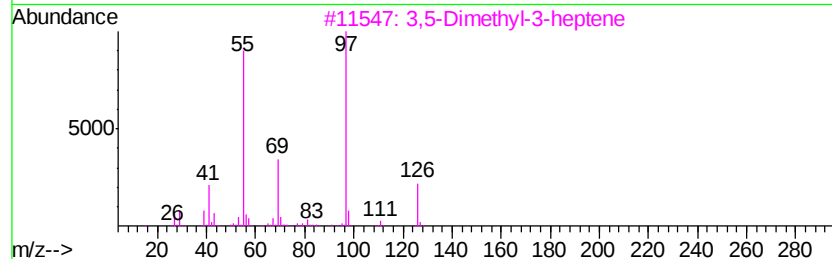
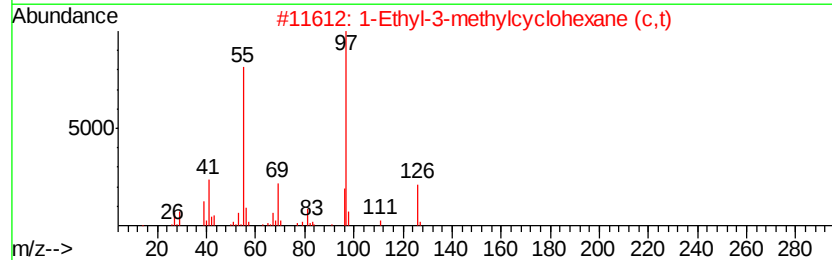
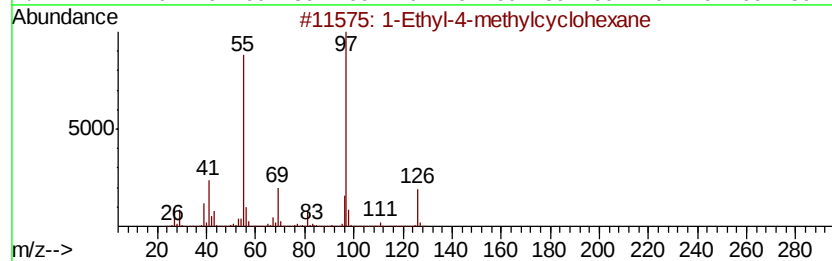
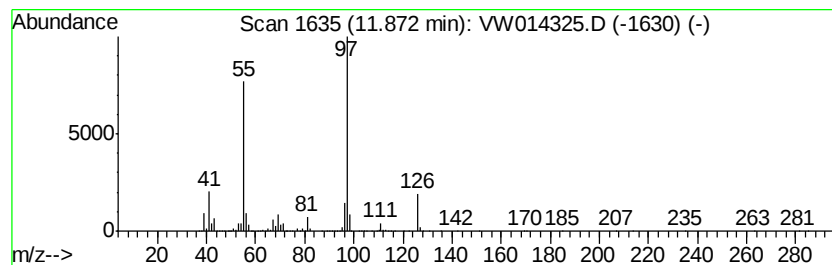
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Quant Title : VOC Analysis

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

Peak Number 19 (DEL) Alkane: Cyclic11.87 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	68.98 ug/L	6415750	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	94
2		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	91
3		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	90
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	86
5		4-Octen-3-one	126	C8H14O	014129-48-7	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW0

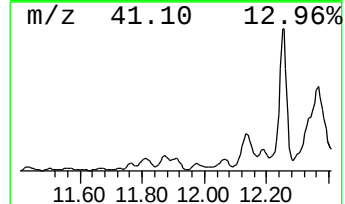
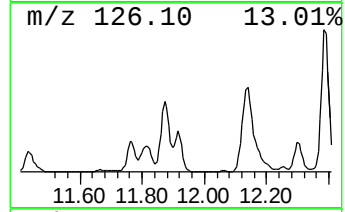
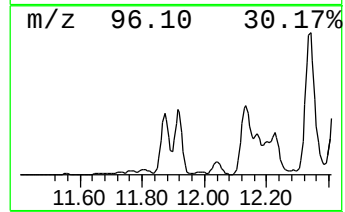
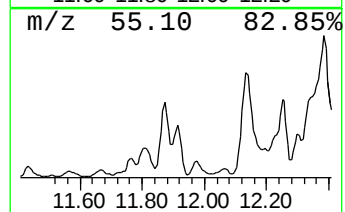
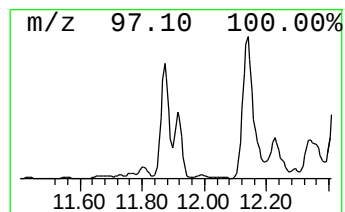
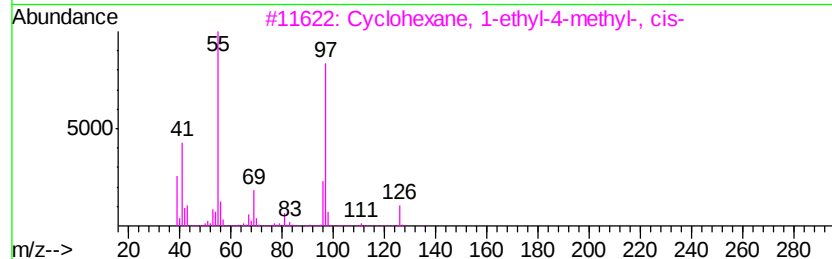
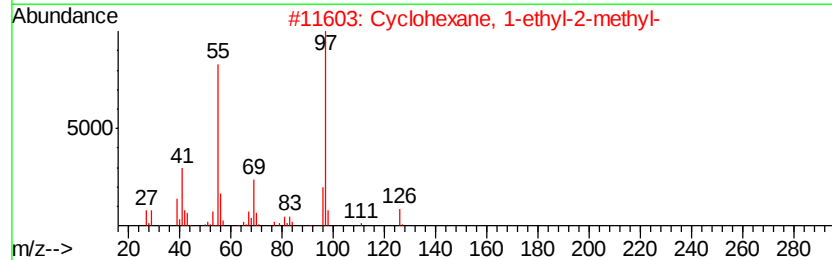
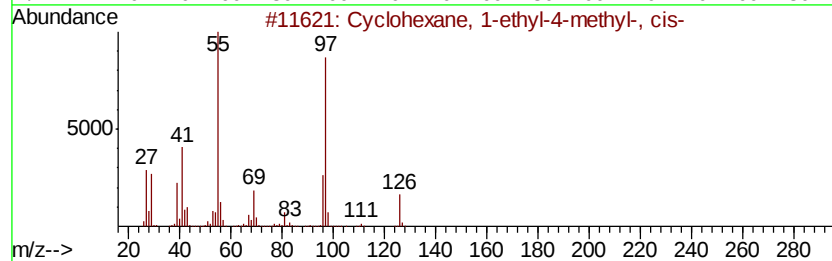
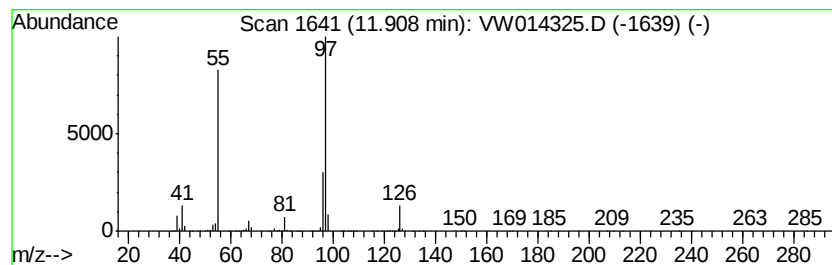
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Quant Title : VOC Analysis

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

Peak Number 20 (DEL) Alkane: Cyclic11.91 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	56.98 ug/L	5300070	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	90
2		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	86
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	83
4		Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	72
5		4-Octen-3-one	126	C8H14O	014129-48-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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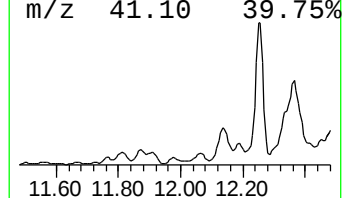
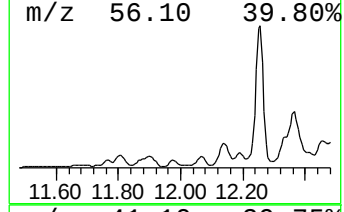
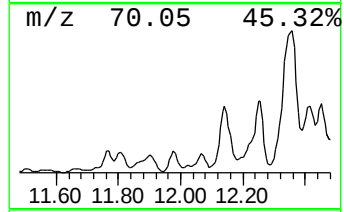
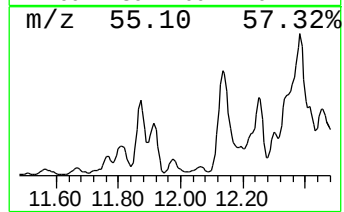
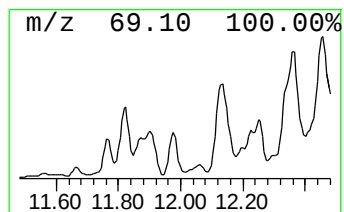
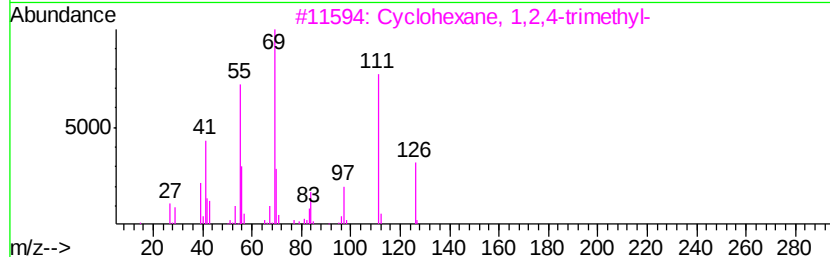
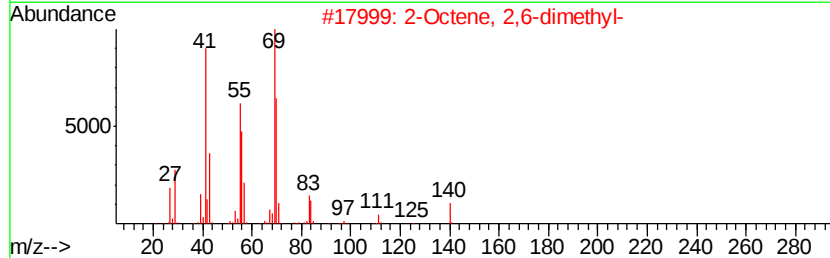
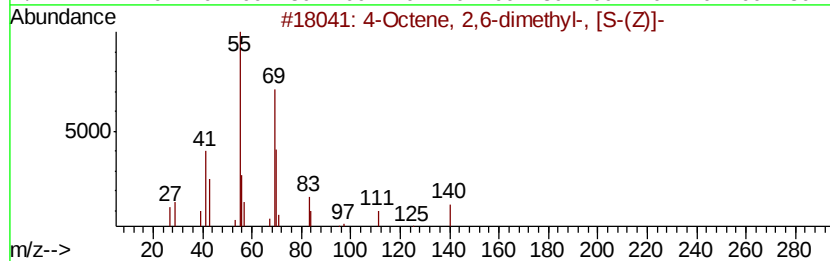
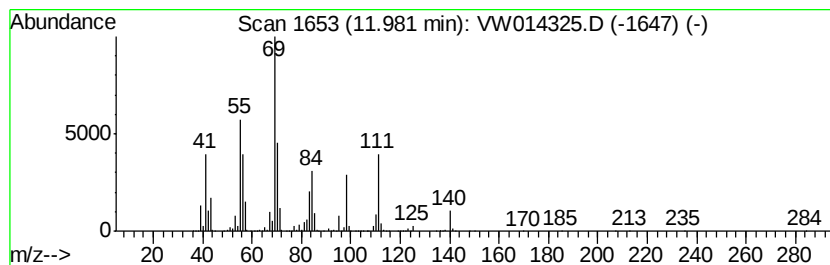
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Quant Title : VOC Analysis

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

Peak Number 21 (DEL) Alkane: Cyclic11.98 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	46.50 ug/L	4324770	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	52
2		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	52
3		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	47
4		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	47
5		3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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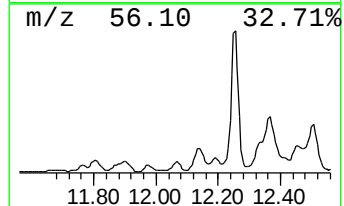
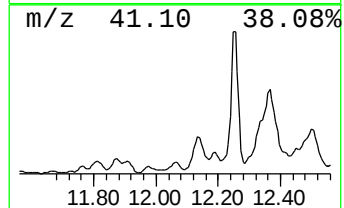
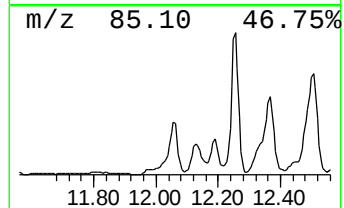
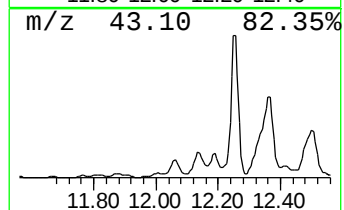
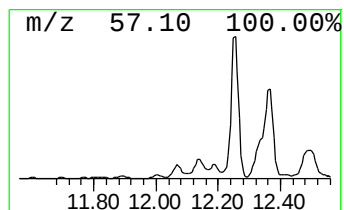
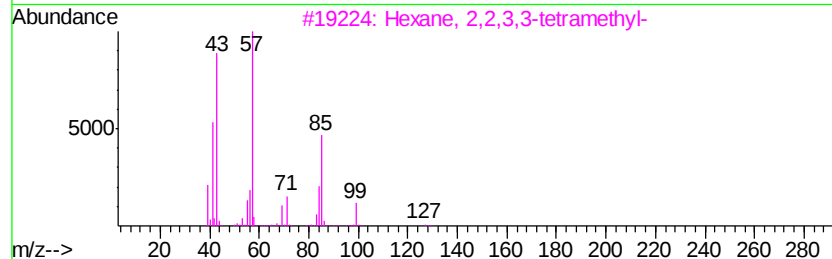
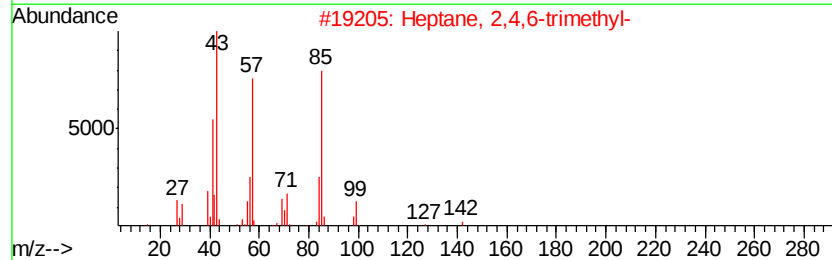
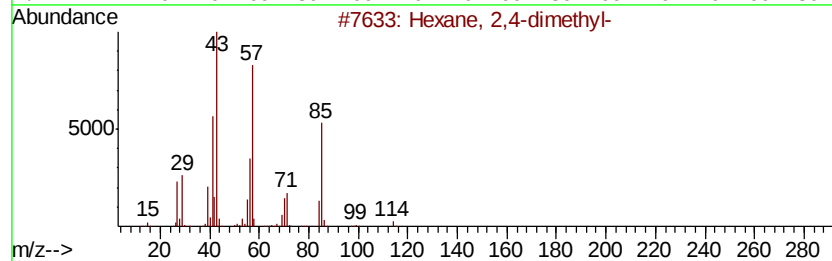
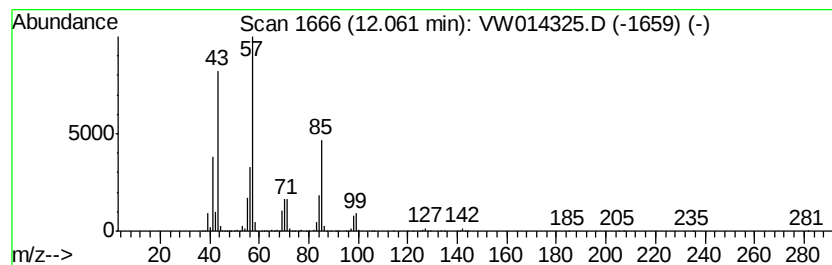
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Quant Title : VOC Analysis

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	44.20 ug/L	4111450	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	78
2		Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	74
3		Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	72
4		4,4-Dimethyl octane	142	C10H22	015869-95-1	72
5		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW0

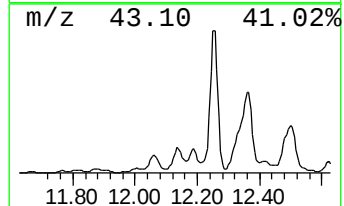
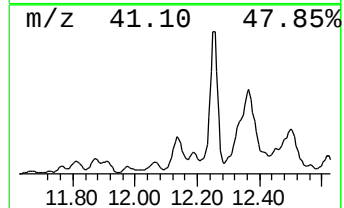
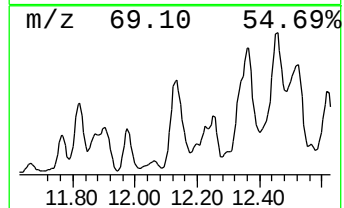
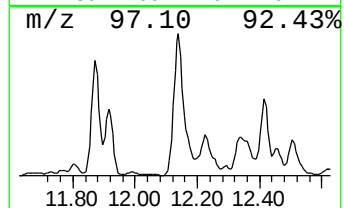
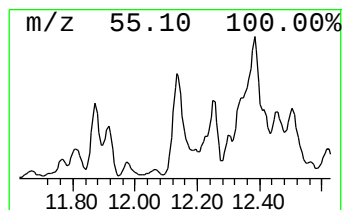
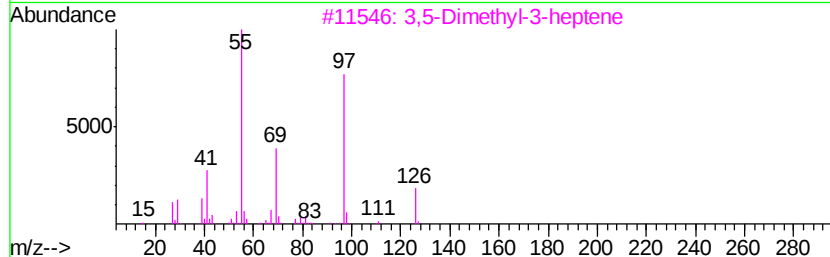
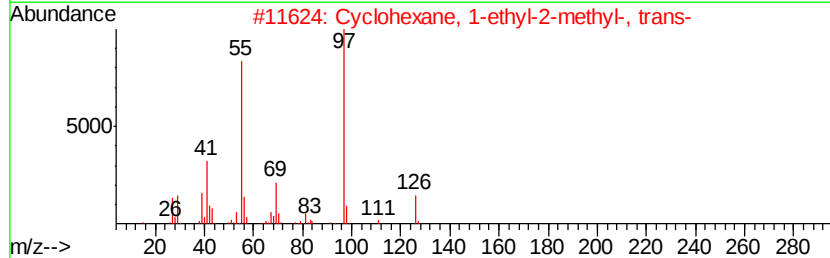
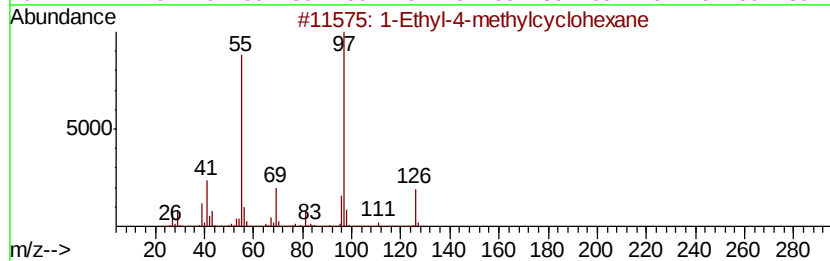
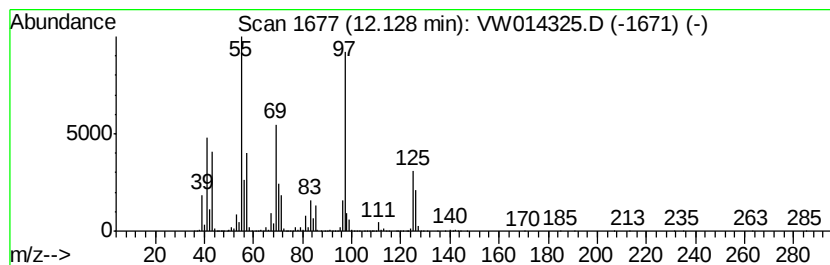
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Quant Title : VOC Analysis

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

Peak Number 23 (DEL) Alkane: Cyclic12.13 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	236.10 ug/L	21959800	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
2		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	58
3		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	53
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	52
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW0

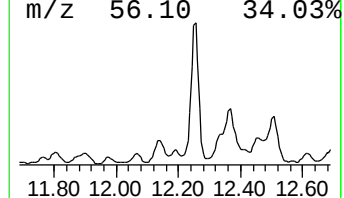
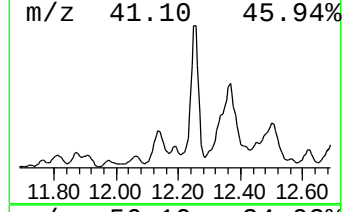
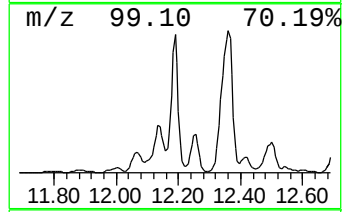
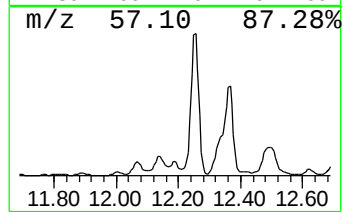
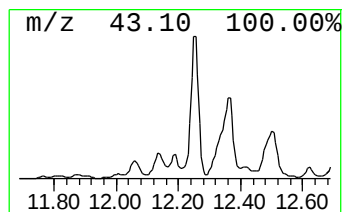
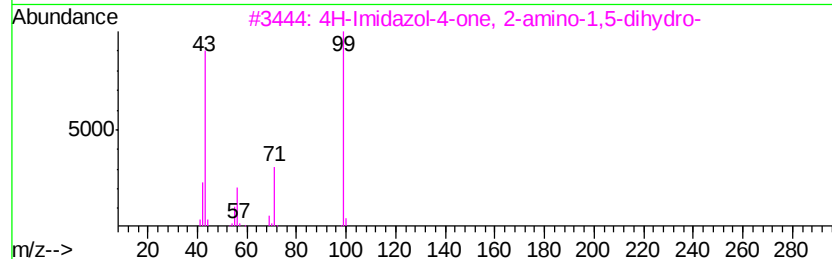
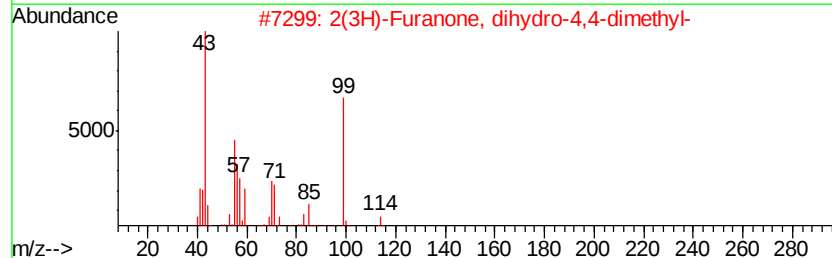
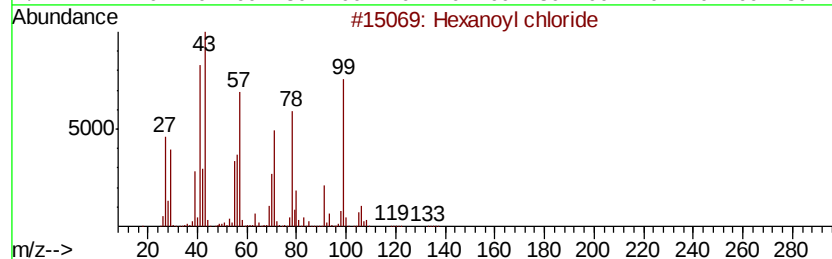
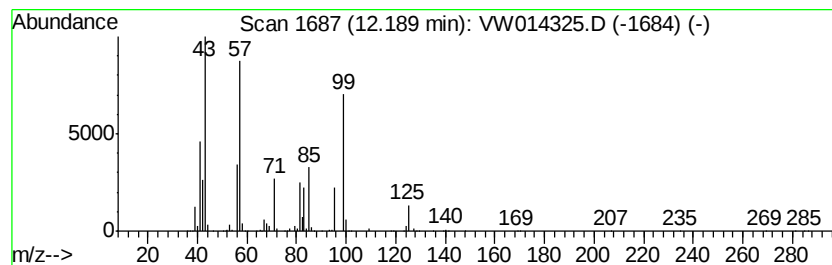
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Quant Title : VOC Analysis

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

Peak Number 24 unknown-01 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	20.55 ug/L	1911570	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoyl chloride	134	C6H11ClO	000142-61-0	38
2		2(3H)-Furanone, dihydro-4,4-dime...	114	C6H10O2	013861-97-7	38
3		4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	38
4		Hexanoic acid, 1,1-dimethylpropyl...	186	C11H22O2	116423-69-9	35
5		3,6-Heptanedione	128	C7H12O2	001703-51-1	32



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW0

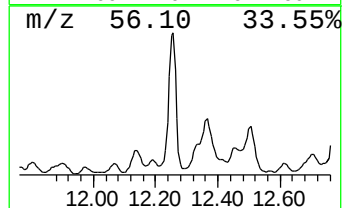
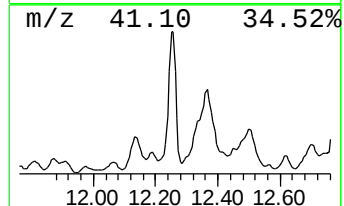
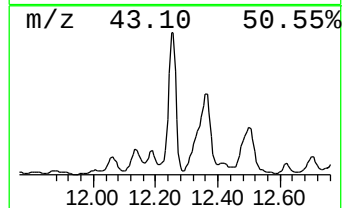
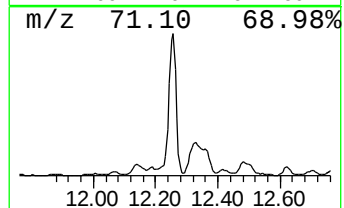
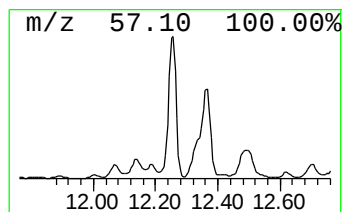
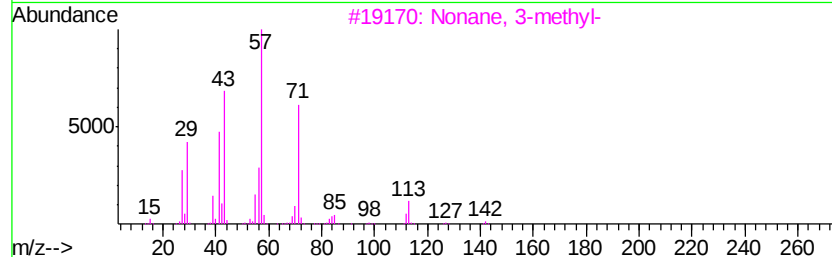
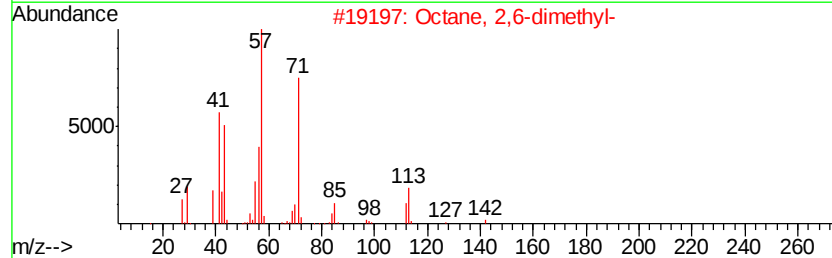
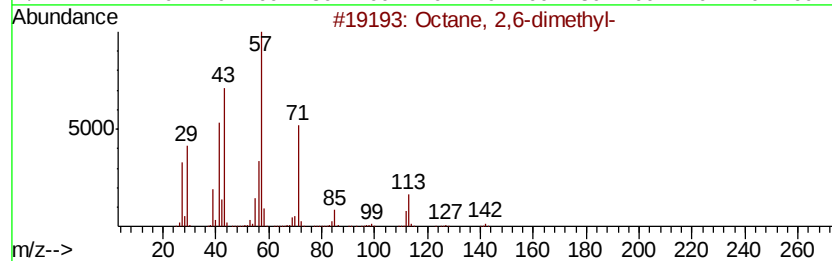
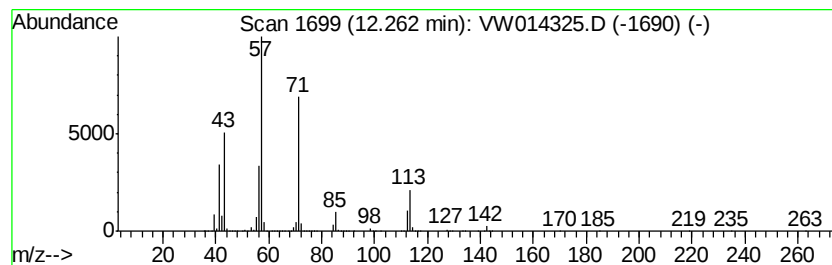
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Quant Title : VOC Analysis

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	504.36 ug/L	46910500	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	91
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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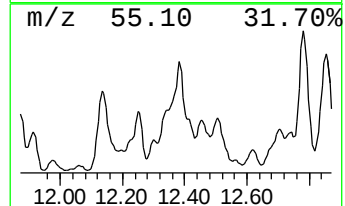
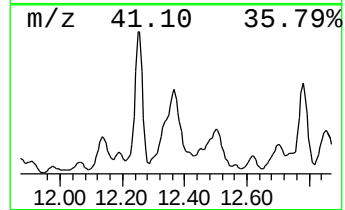
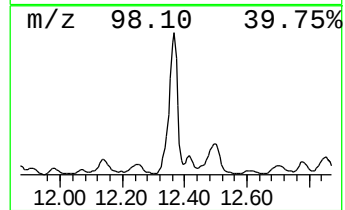
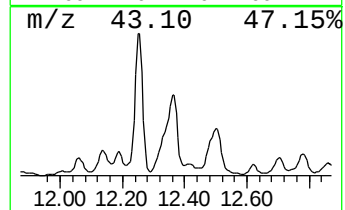
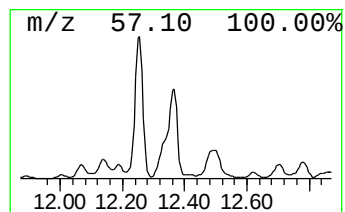
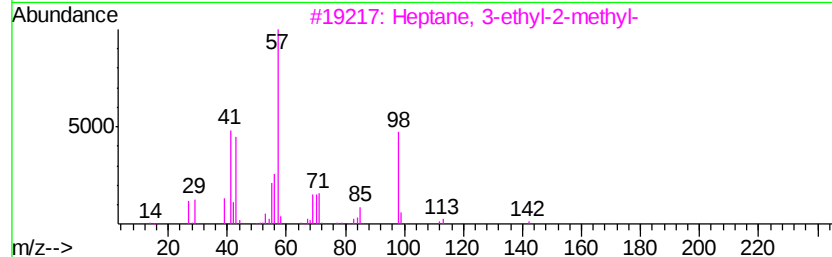
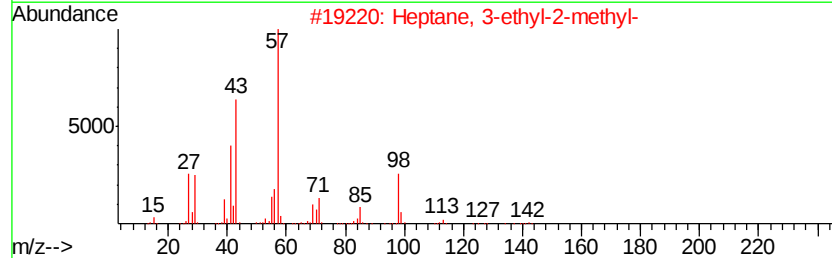
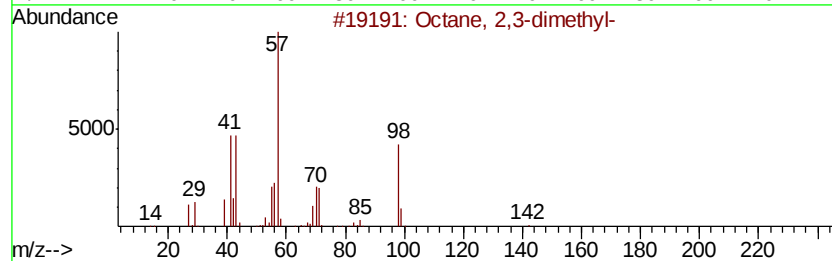
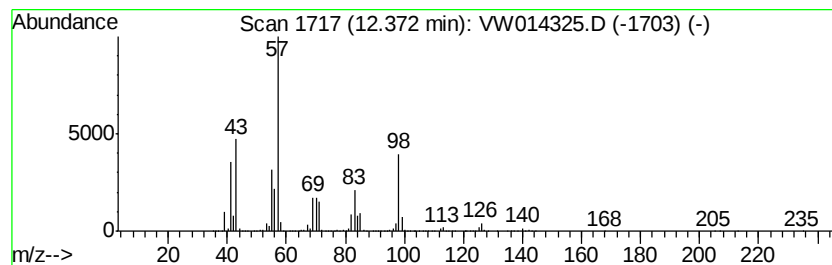
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Quant Title : VOC Analysis

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	703.30 ug/L	65413700	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	90
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	86
3		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	80
4		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	72
5		Heptane, 3-ethyl-	128	C9H20	015869-80-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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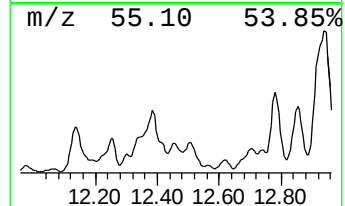
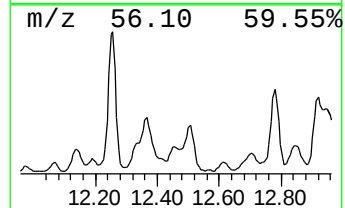
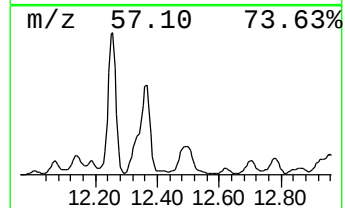
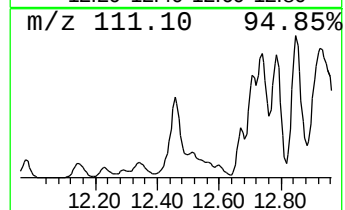
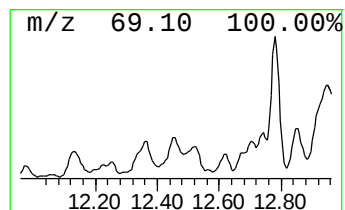
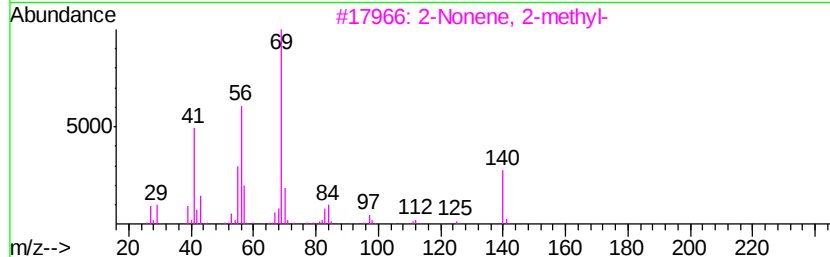
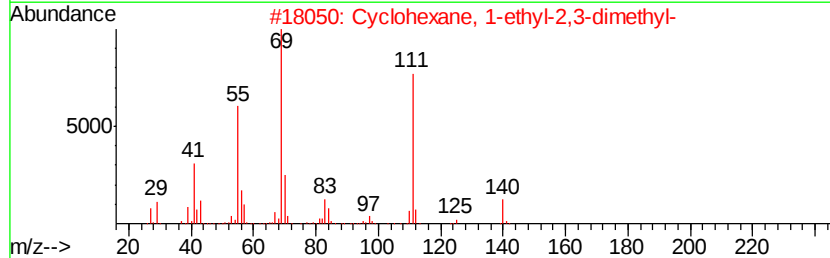
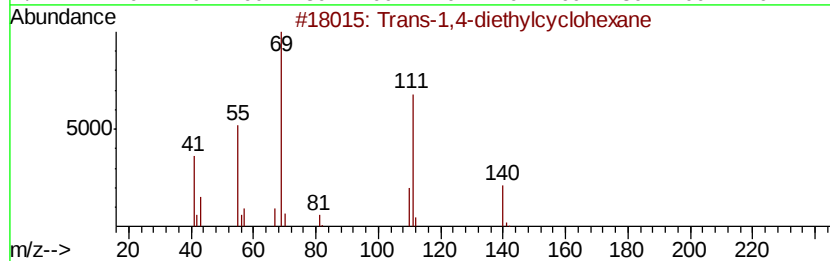
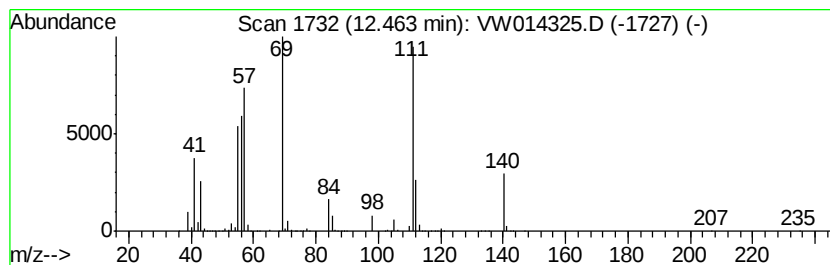
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Quant Title : VOC Analysis

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

Peak Number 27 (DEL) Alkane: Cyclic12.46 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	29.50 ug/L	2743950	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	64
2		Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	56
3		2-Nonene, 2-methyl-	140	C10H20	002129-95-5	52
4		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	50
5		2-Octene, 2,7-dimethyl-	140	C10H20	002050-81-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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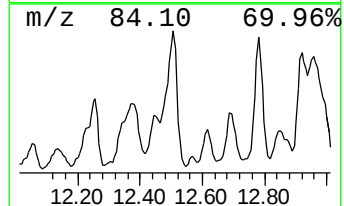
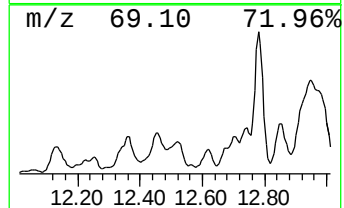
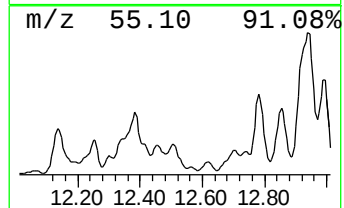
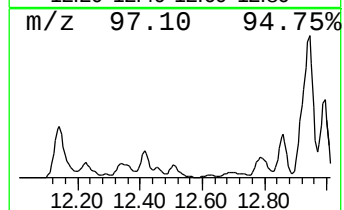
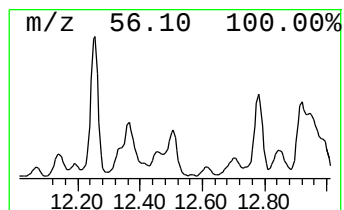
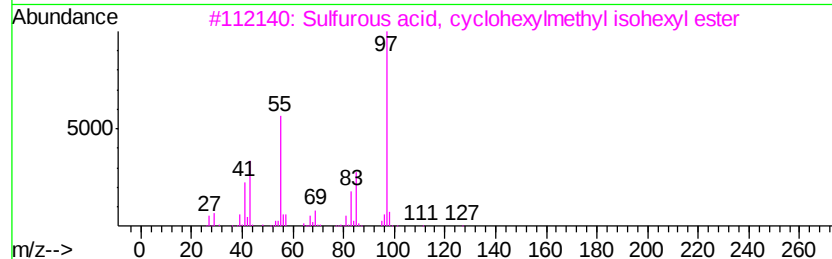
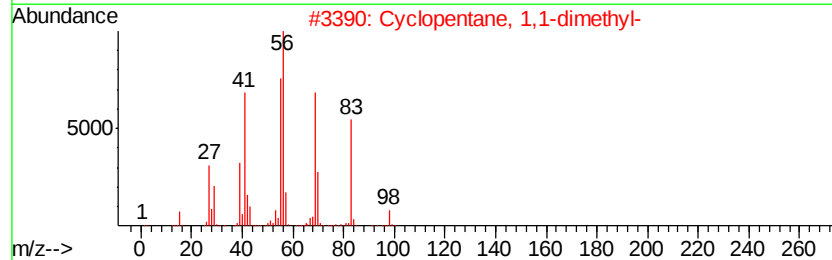
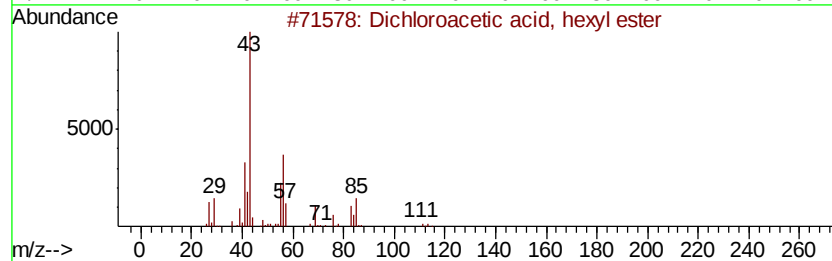
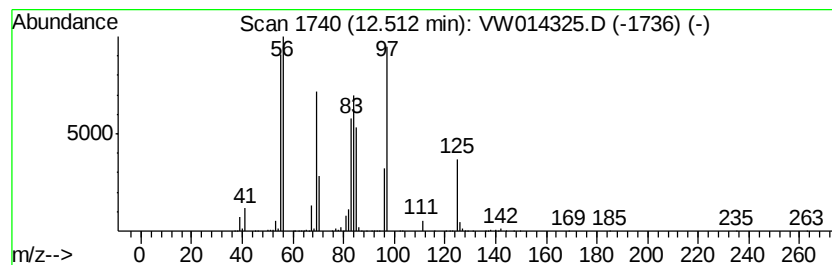
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Quant Title : VOC Analysis

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

Peak Number 28 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	171.66 ug/L	15965800	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, hexyl ester	212	C8H14Cl2O2	037079-04-2	43
2		Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	38
3		Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	38
4		Cycloheptane, methyl-	112	C8H16	004126-78-7	37
5		Cyclohexane	84	C6H12	000110-82-7	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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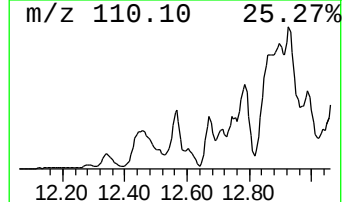
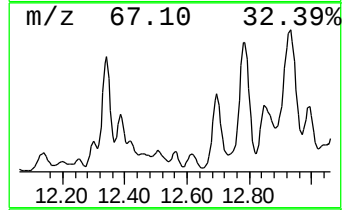
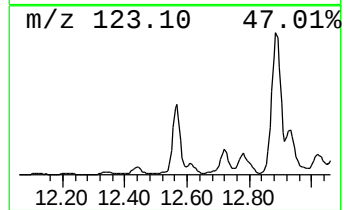
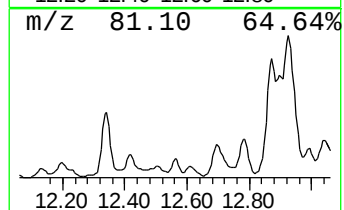
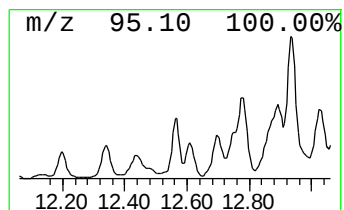
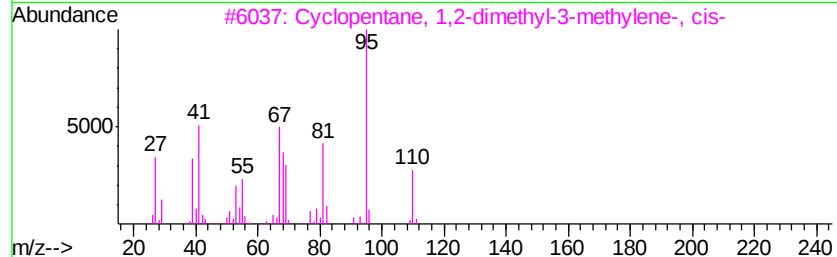
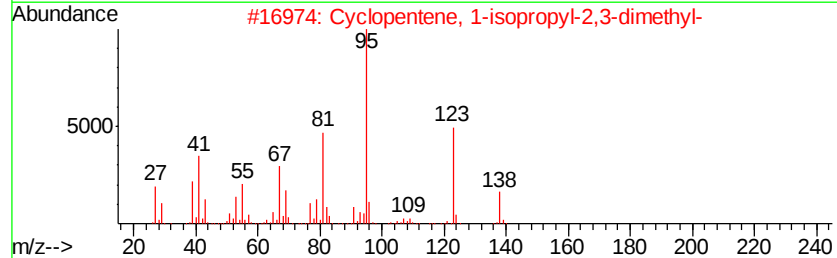
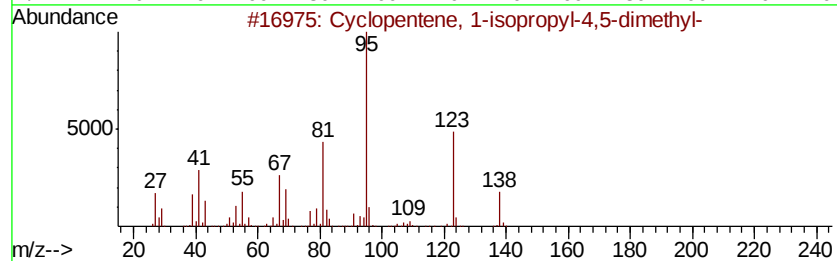
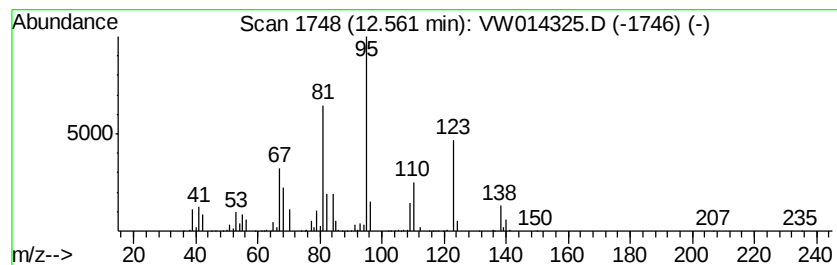
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Quant Title : VOC Analysis

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

Peak Number 29 Cyclopentene, 1-isopropyl-4... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	20.41 ug/L	1898500	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentene, 1-isopropyl-4,5-di...	138	C10H18	007712-74-5	62
2		Cyclopentene, 1-isopropyl-2,3-di...	138	C10H18	007712-73-4	52
3		Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	47
4		Cyclopentene, 1,4-dimethyl-5-(1-...	138	C10H18	061142-33-4	46
5		Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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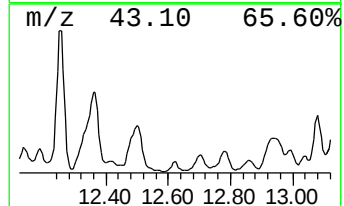
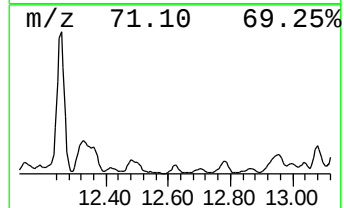
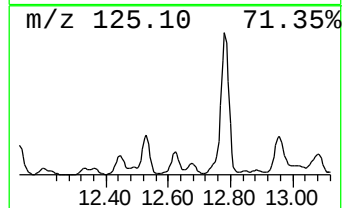
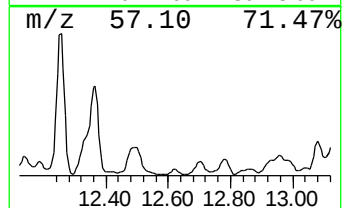
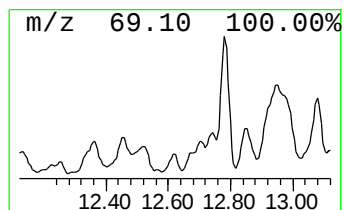
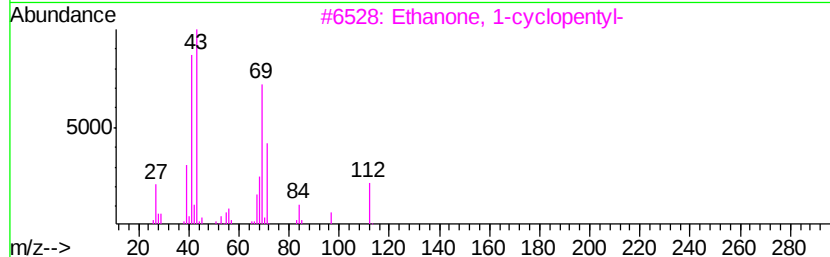
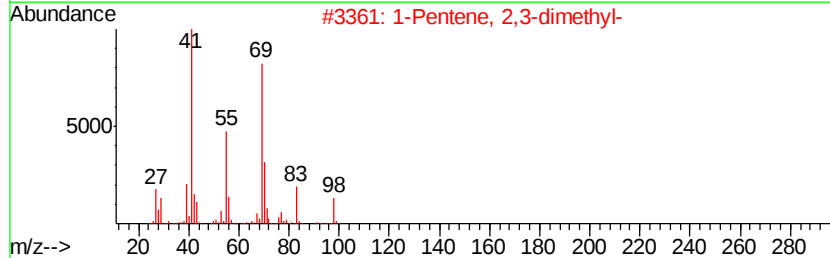
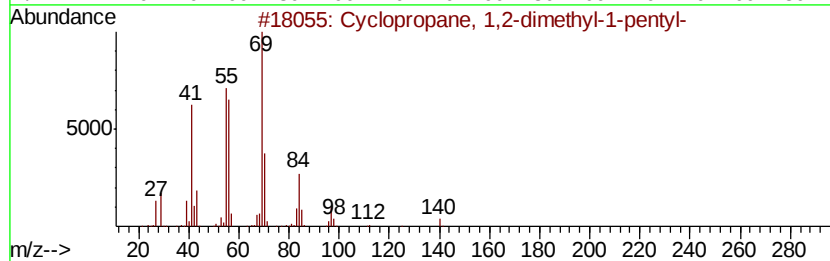
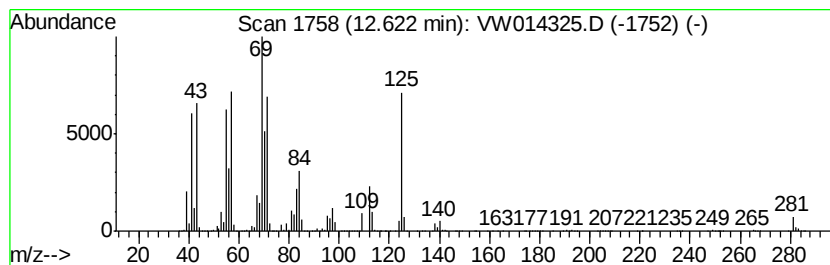
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Quant Title : VOC Analysis

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

Peak Number 30 (DEL) Alkane: Cyclic12.62 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	18.12 ug/L	6545920	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	49
2		1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	46
3		Ethanone, 1-cyclopentyl-	112	C7H12O	006004-60-0	46
4		2-Heptene, 4-methyl-, (E)-	112	C8H16	066225-17-0	43
5		Cyclopentane, (3-methylbutyl)-	140	C10H20	001005-68-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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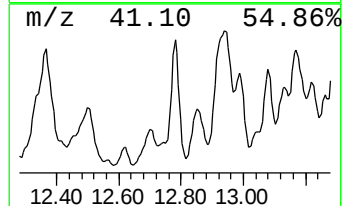
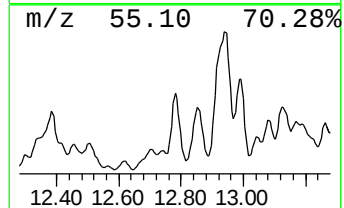
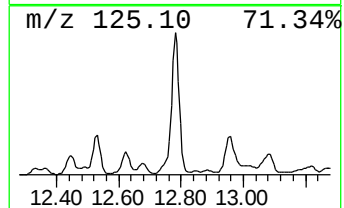
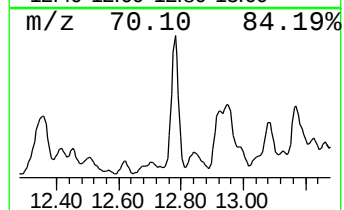
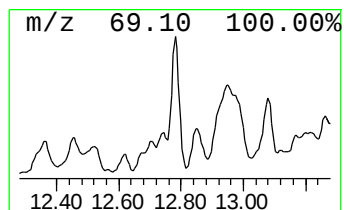
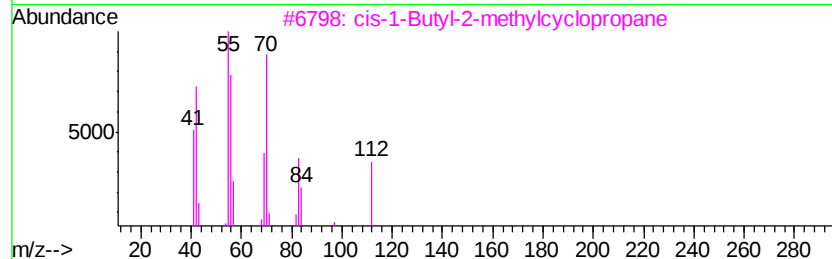
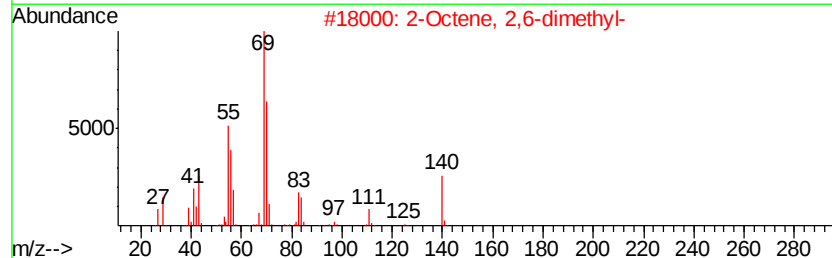
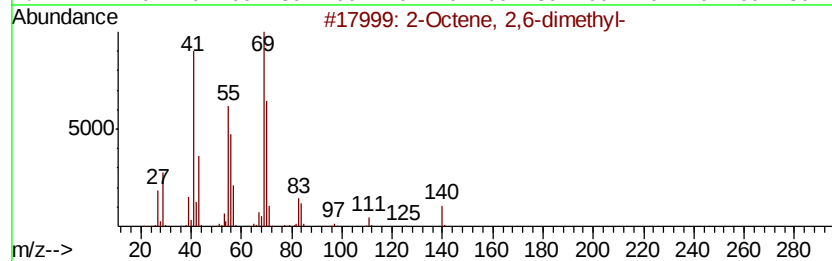
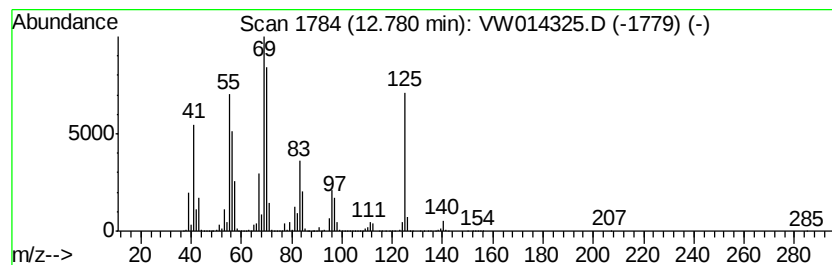
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Quant Title : VOC Analysis

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

Peak Number 31 (DEL) Alkane: Cyclic12.78 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	114.96 ug/L	41534700	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	64
2		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	64
3		cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	50
4		trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	50
5		Cyclopropane, 1,2-dimethyl-3-pen...	140	C10H20	062238-10-2	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

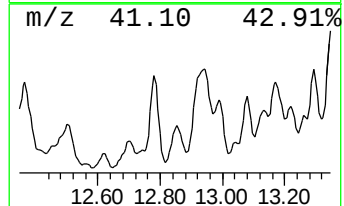
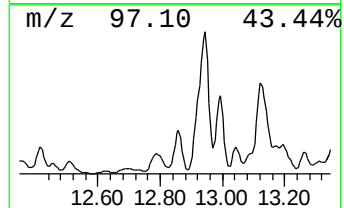
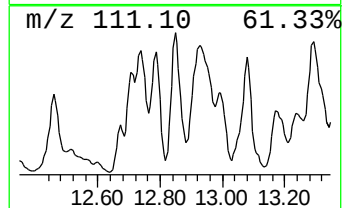
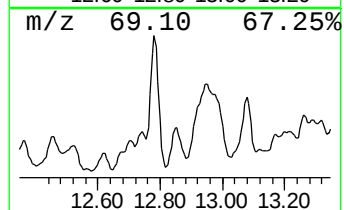
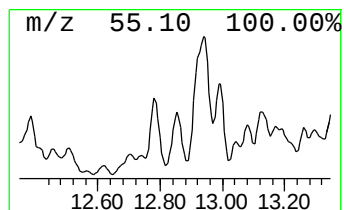
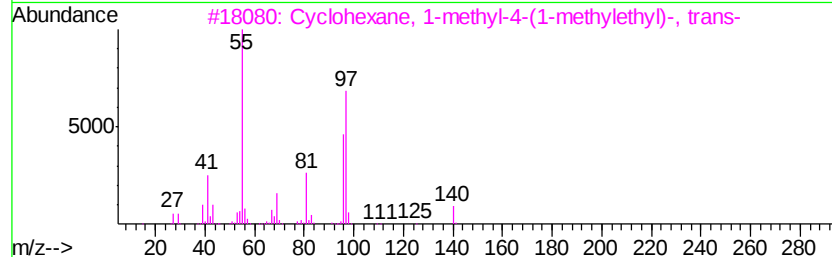
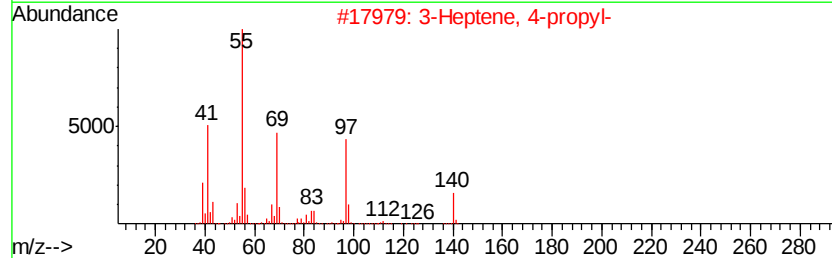
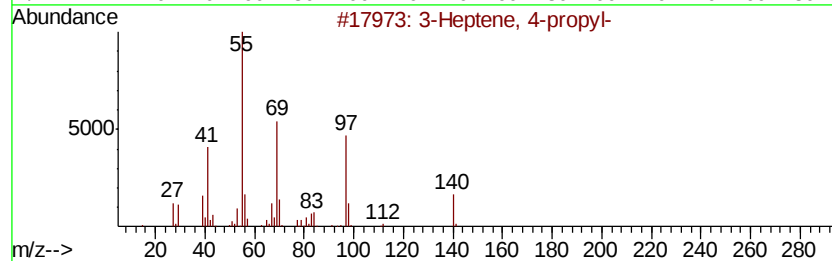
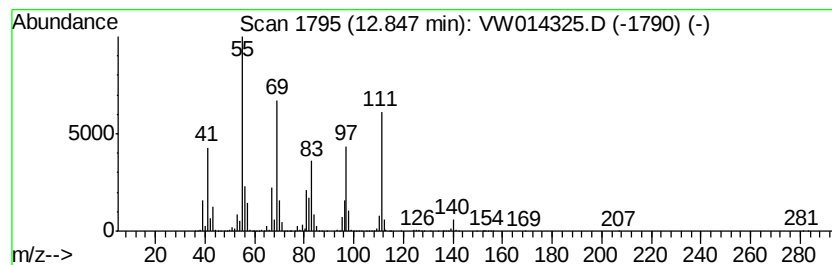
Instrument :
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 32 (DEL) Alkane: Cyclic12.85 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.85	69.71 ug/L	25185100	1,4-Dichlorobenzene-d4	13.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 4-propyl-	140	C10H20	004485-13-6	43
2	3-Heptene, 4-propyl-	140	C10H20	004485-13-6	38
3	Cyclohexane, 1-methyl-4-(1-methyl...	140	C10H20	001678-82-6	38
4	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	38
5	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW0

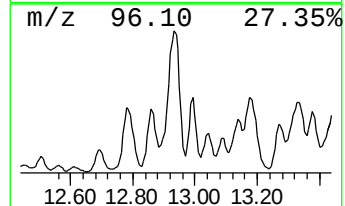
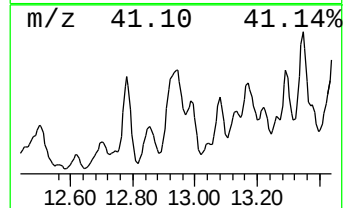
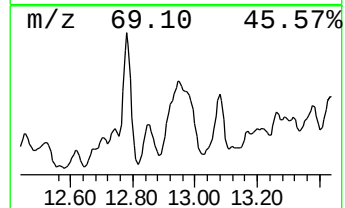
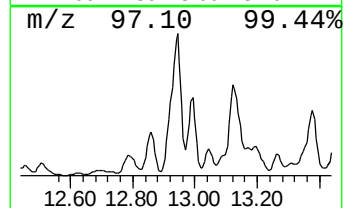
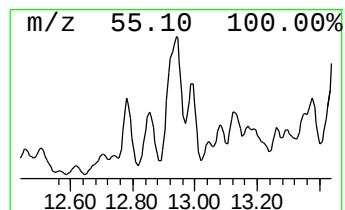
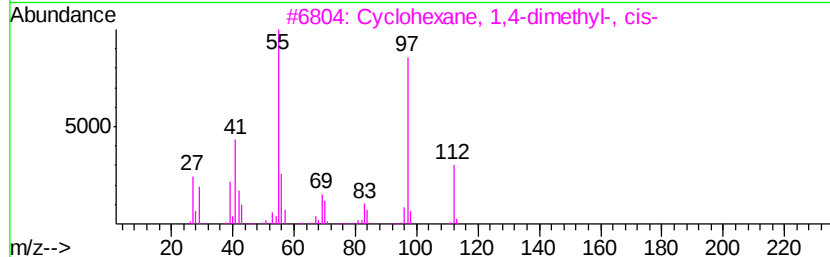
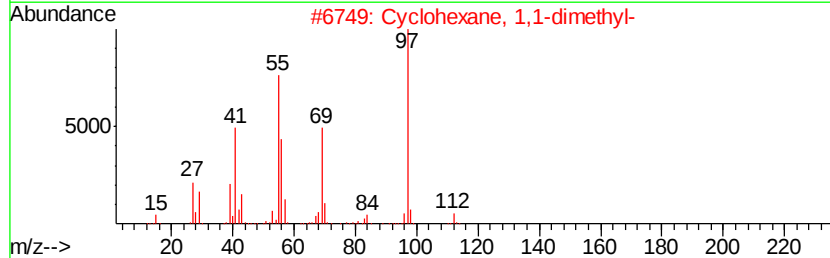
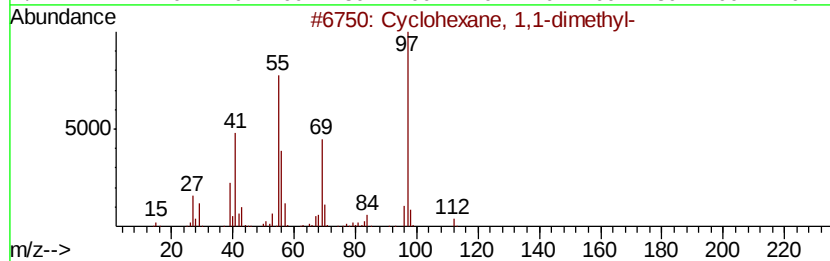
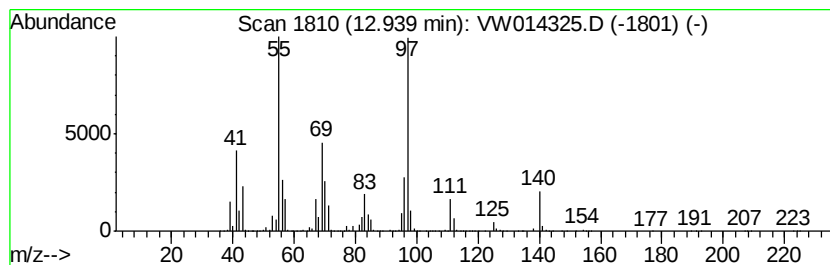
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Quant Title : VOC Analysis

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

Peak Number 33 (DEL) Alkane: Cyclic12.94 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	194.68 ug/L	70338900	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	60
2		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	55
3		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	53
4		2,4-Dimethyl-1,5-diazabicyclo[3.3.0]octane	112	C6H12N2	100463-01-2	52
5		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW0

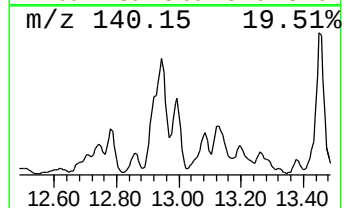
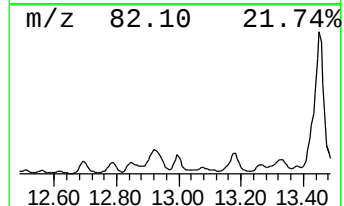
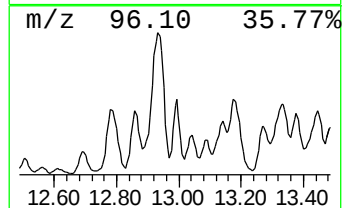
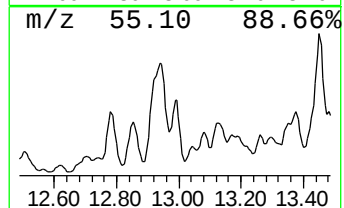
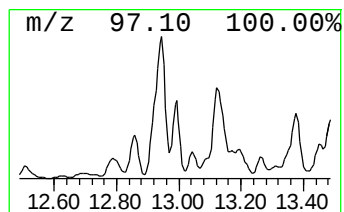
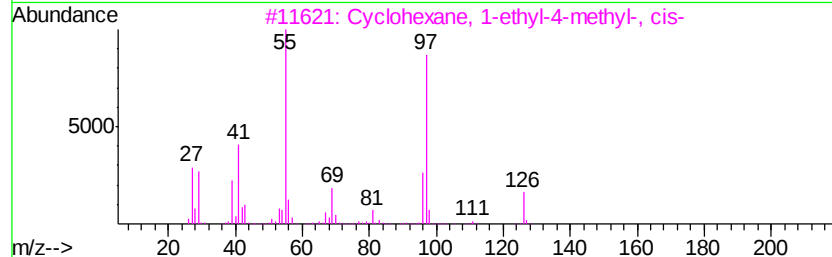
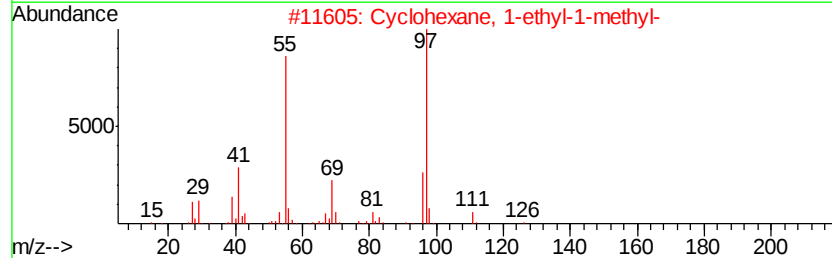
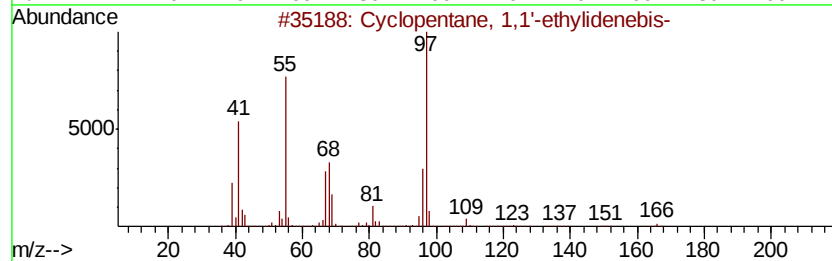
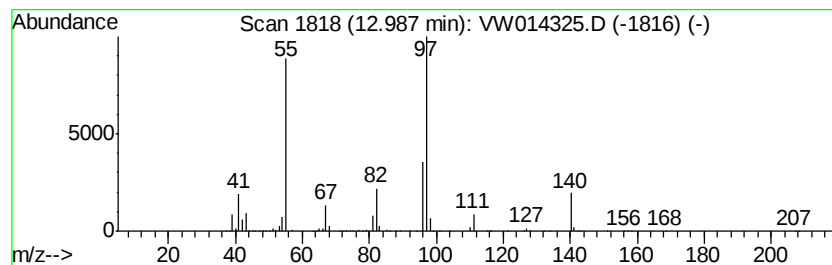
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Quant Title : VOC Analysis

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

Peak Number 34 Cyclopentane, 1,1'-ethylide... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	56.43 ug/L	20389800	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	53
2		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	53
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	53
4		m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	47
5		Cycloheptane, bromo-	176	C7H13Br	002404-35-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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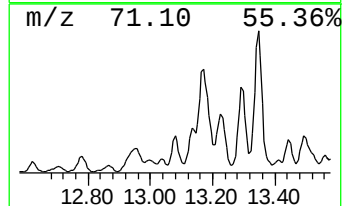
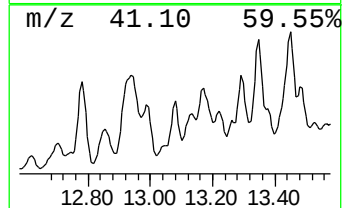
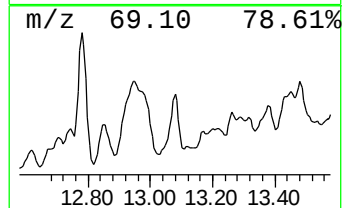
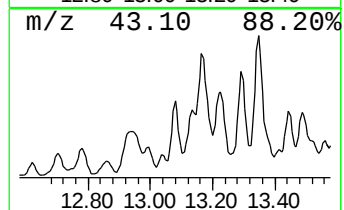
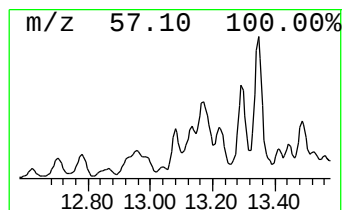
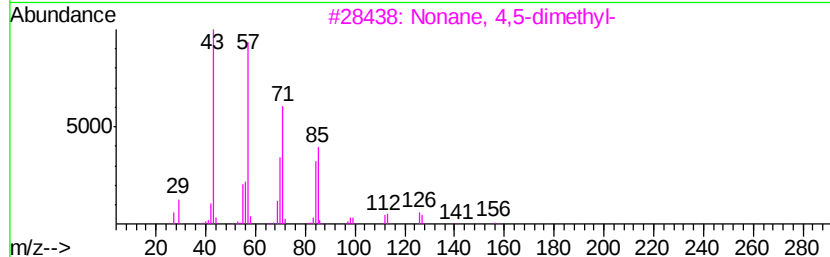
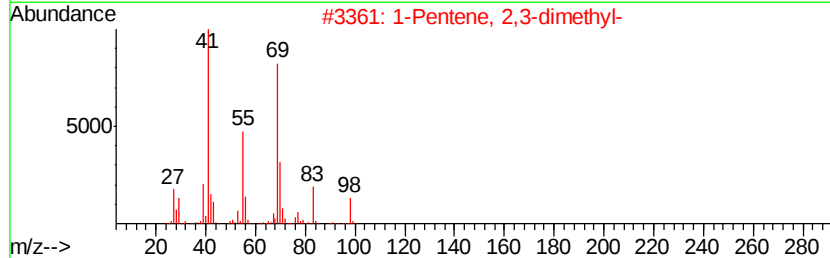
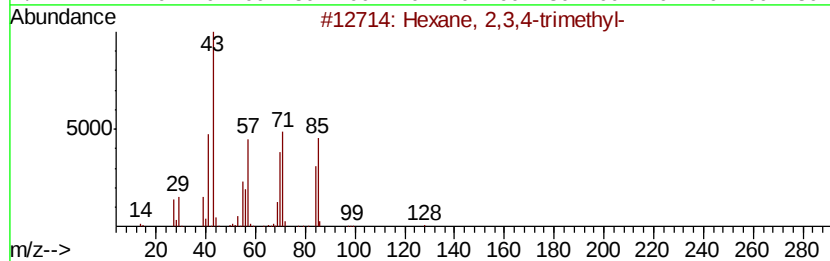
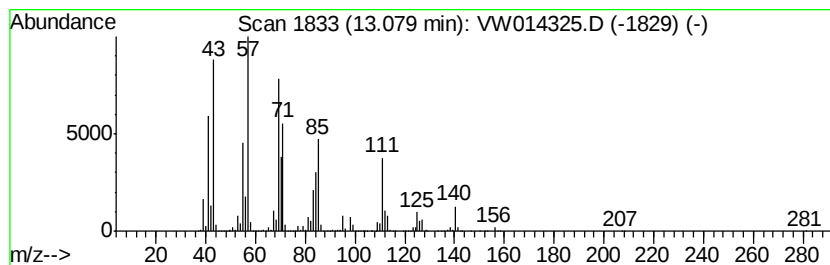
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	47.08 ug/L	17010000	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	46
2		1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	46
3		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	43
4		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	41
5		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
 Data File : VW014325.D
 Acq On : 12 Dec 2019 14:46
 Operator : SY/VA
 Sample : K6236-11
 Misc : 5.29G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFEW0

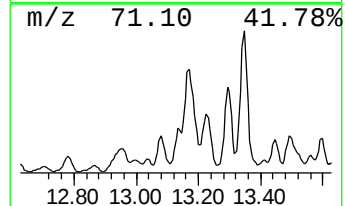
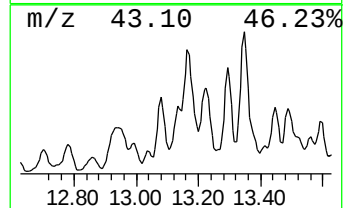
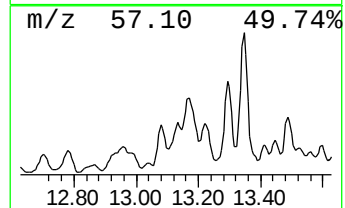
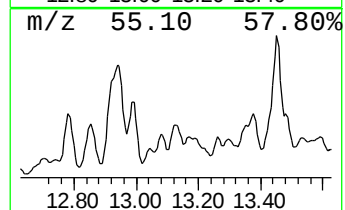
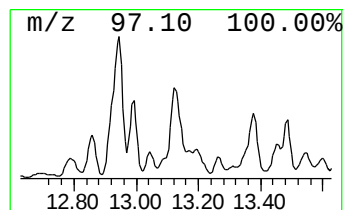
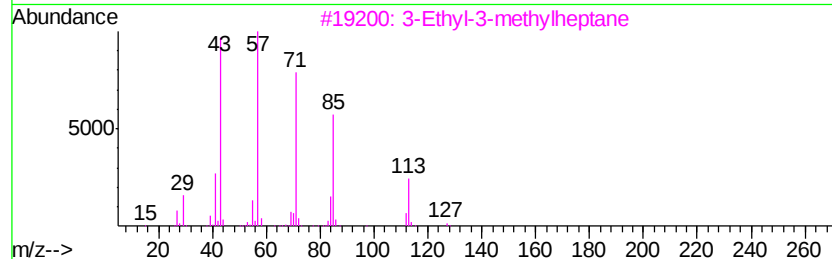
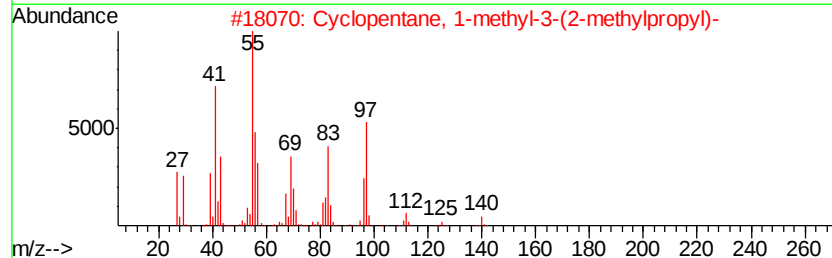
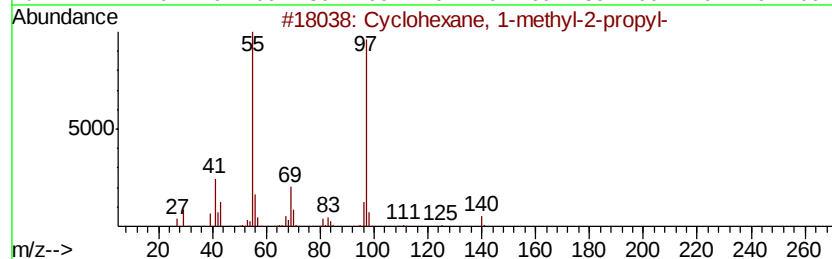
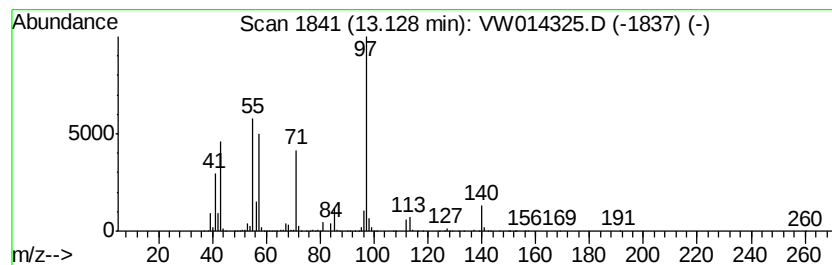
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 Quant Title : VOC Analysis

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

 Peak Number 37 (DEL) Alkane: Cyclic13.13 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	39.51 ug/L	14274100	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	43
2		Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	27
3		3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	27
4		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	27
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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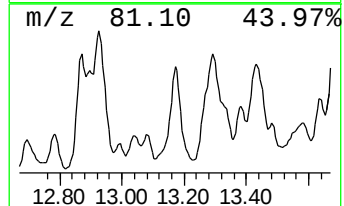
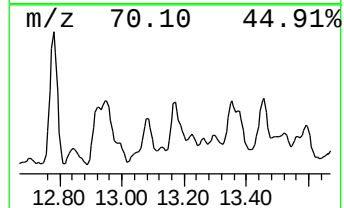
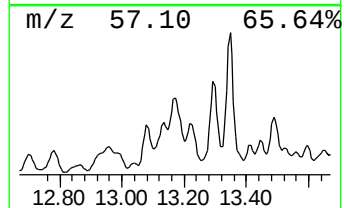
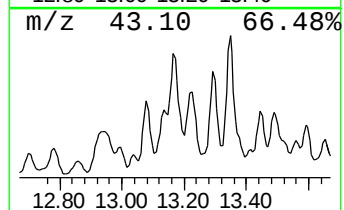
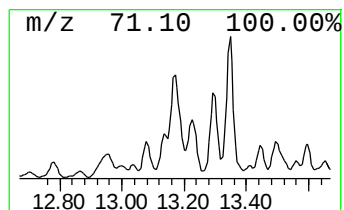
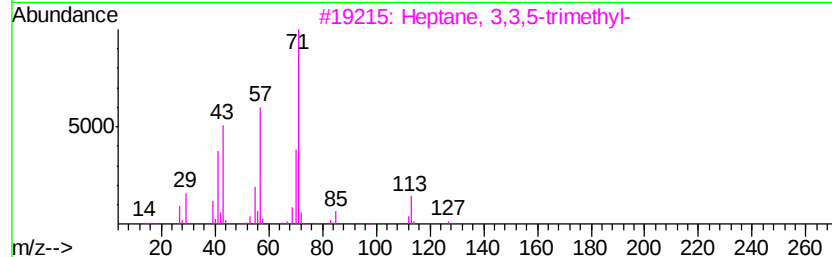
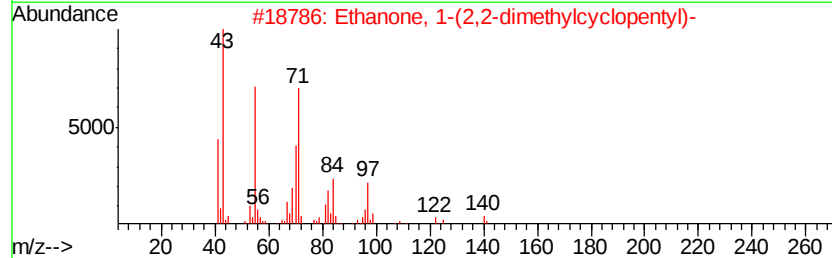
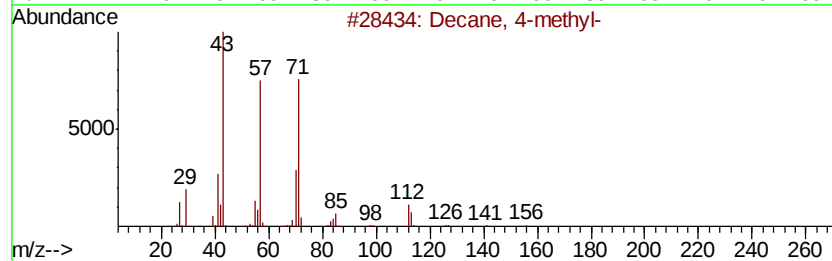
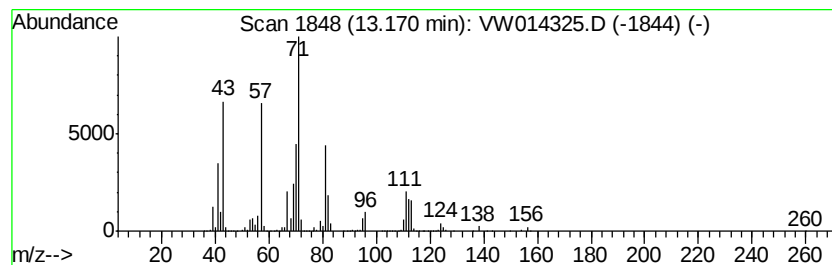
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Quant Title : VOC Analysis

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	50.00 ug/L	18065600	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	62
2		Ethanone, 1-(2,2-dimethylcyclope...	140	C9H16O	003664-75-3	50
3		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50
4		Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	50
5		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW0

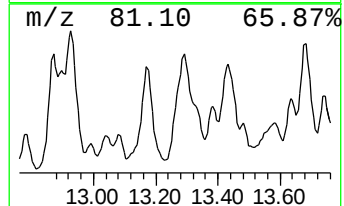
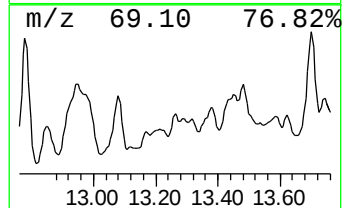
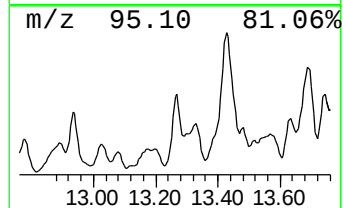
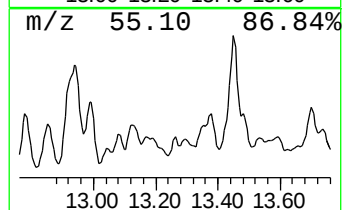
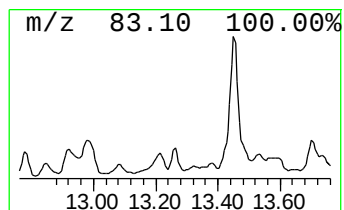
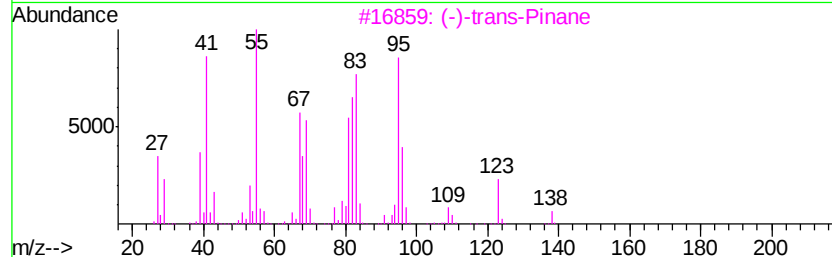
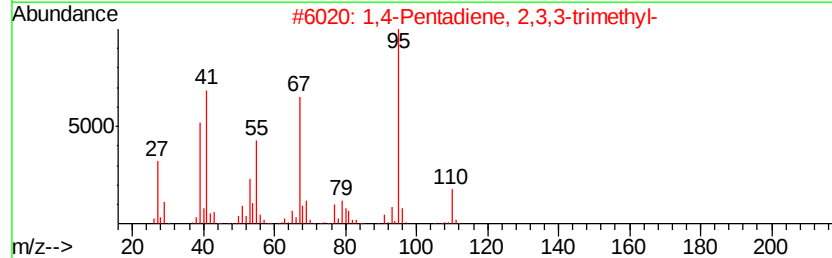
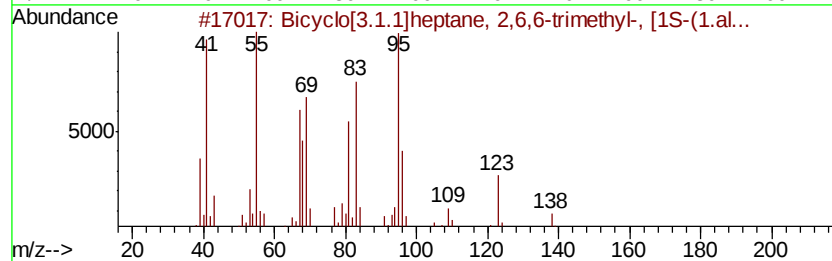
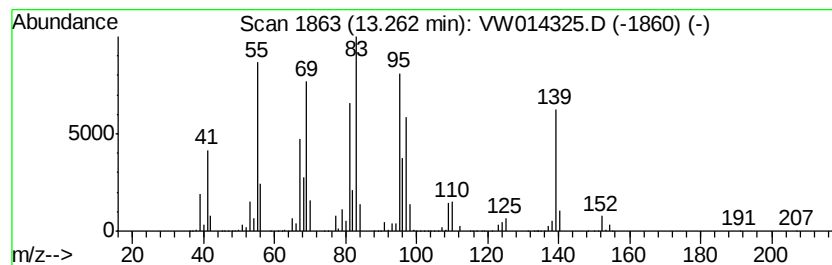
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Quant Title : VOC Analysis

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

Peak Number 39 unknown-03 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	21.65 ug/L	7823490	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004755-33-3	46
2		1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	38
3		(-)-trans-Pinane	138	C10H18	033626-25-4	38
4		Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	018358-53-7	38
5		2-Methyl-3-ethyl-2-heptene	140	C10H20	019780-61-1	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW0

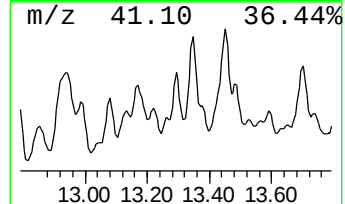
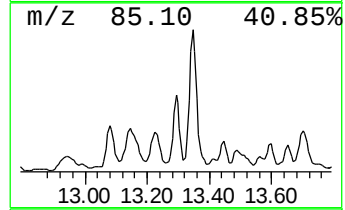
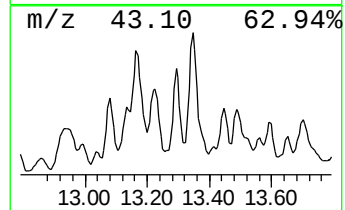
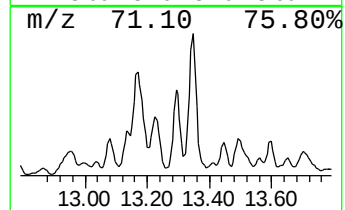
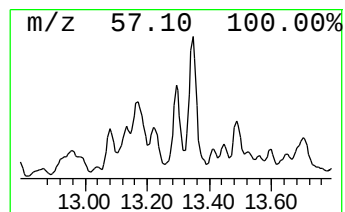
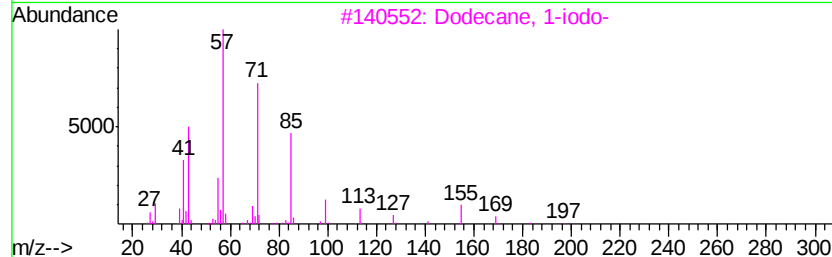
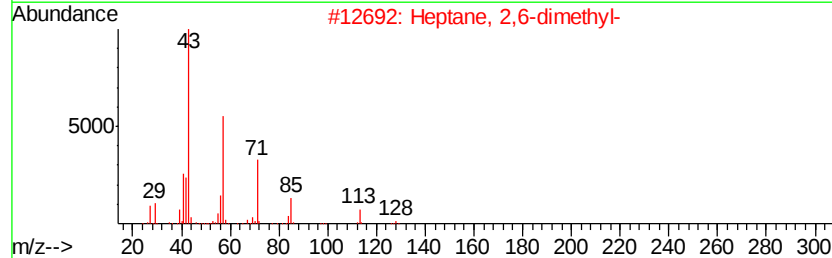
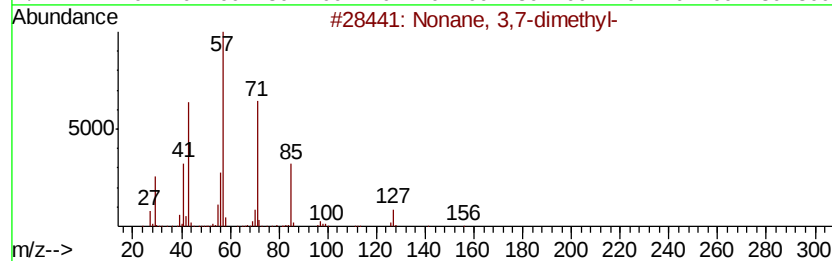
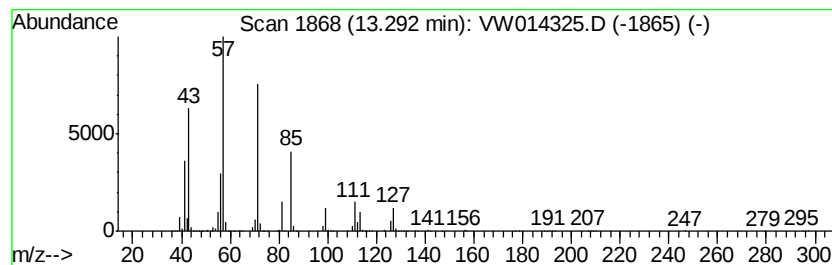
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Quant Title : VOC Analysis

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

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	44.78 ug/L	16179000	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
2		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	68
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
4		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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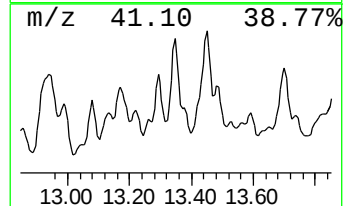
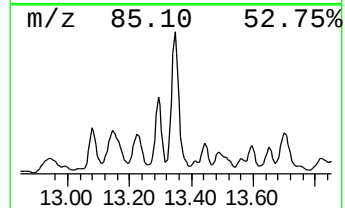
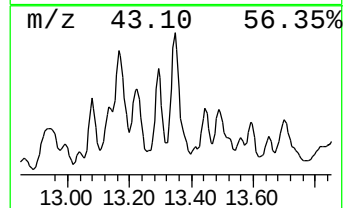
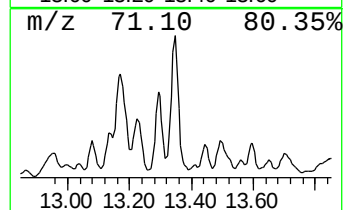
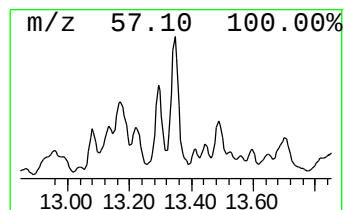
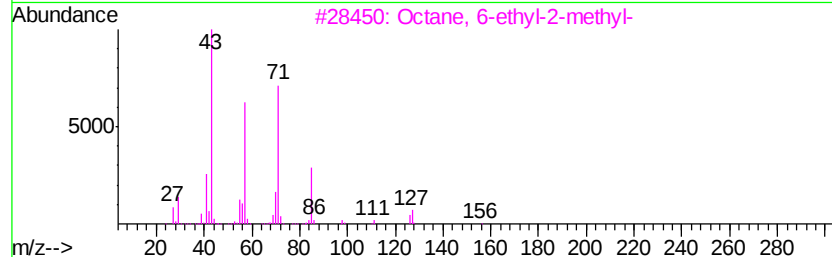
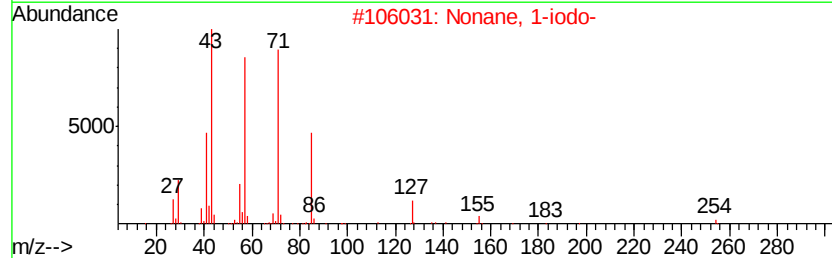
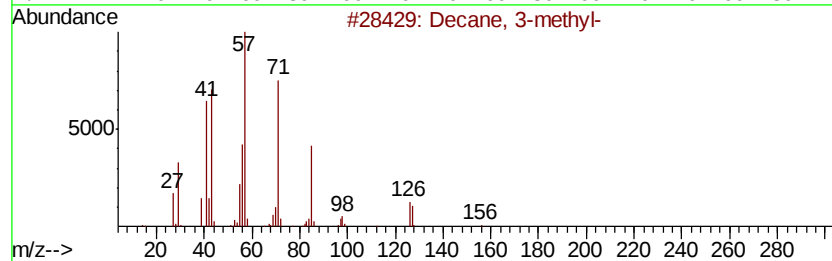
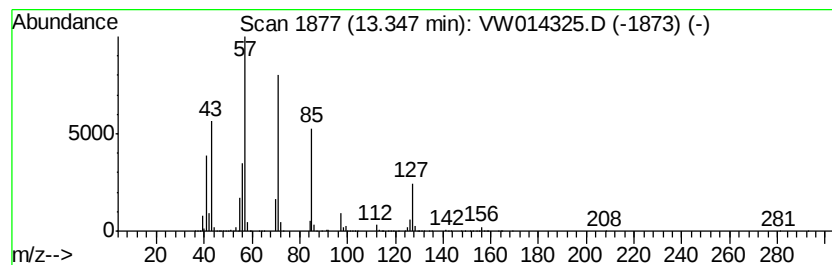
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Quant Title : VOC Analysis

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	72.51 ug/L	26197000	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	72
2		Nonane, 1-iodo-	254	C9H19I	004282-42-2	64
3		Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	59
4		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	59
5		Sulfurous acid, isohexyl pentyl ...	236	C11H24O3S	1000309-14-0	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

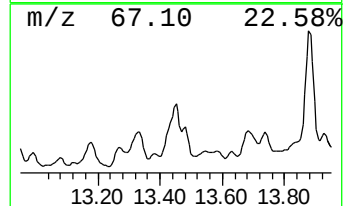
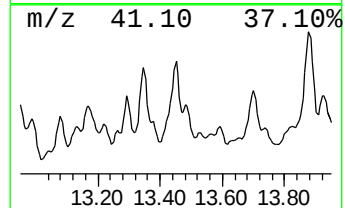
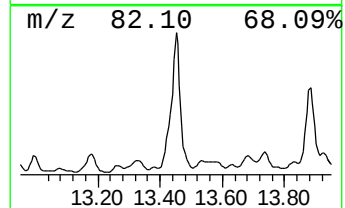
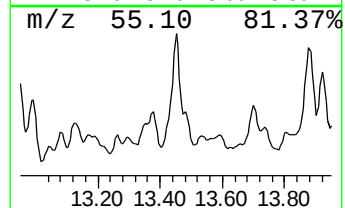
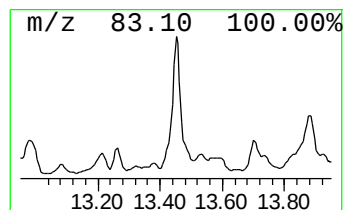
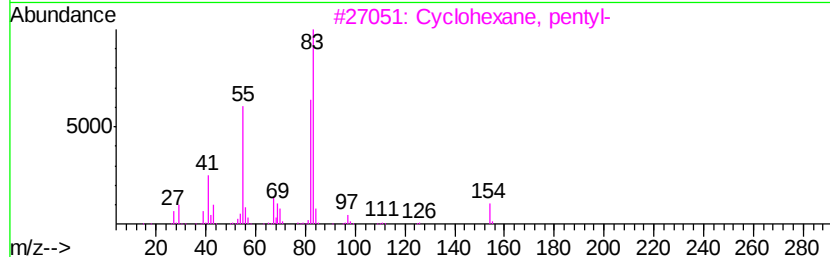
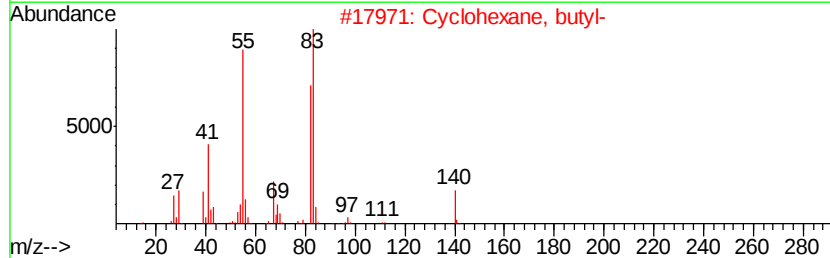
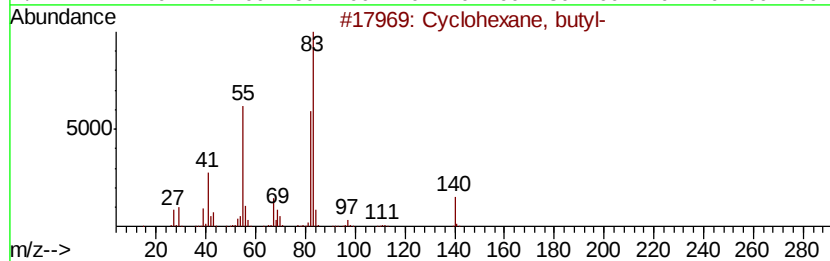
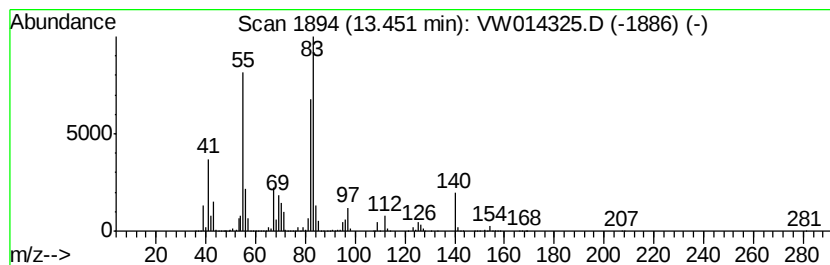
Instrument :
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 42 (DEL) Alkane: Cyclic13.45 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	164.59 ug/L	59465300	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, butyl-	140 C10H20	001678-93-9 83
2		Cyclohexane, butyl-	140 C10H20	001678-93-9 83
3		Cyclohexane, pentyl-	154 C11H22	004292-92-6 81
4		Cyclohexane, (2-methylpropyl)-	140 C10H20	001678-98-4 80
5		Cyclohexane, butyl-	140 C10H20	001678-93-9 74



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW0

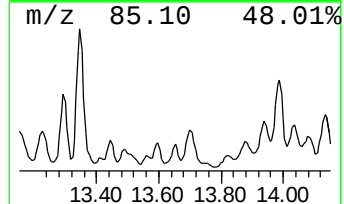
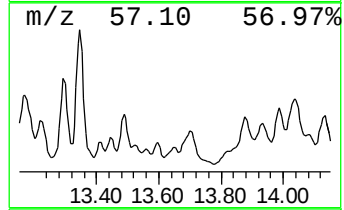
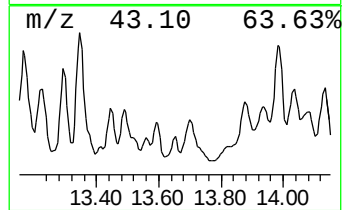
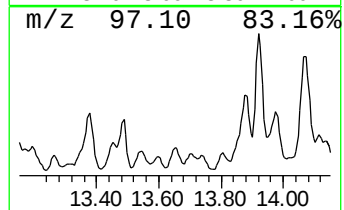
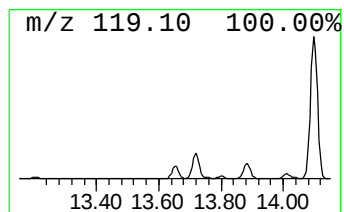
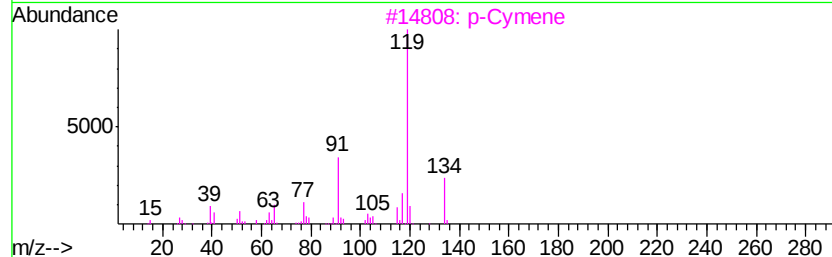
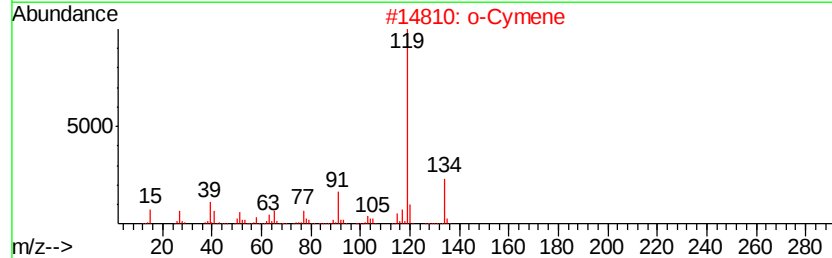
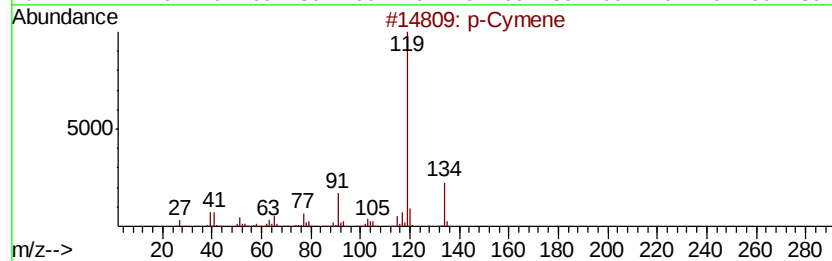
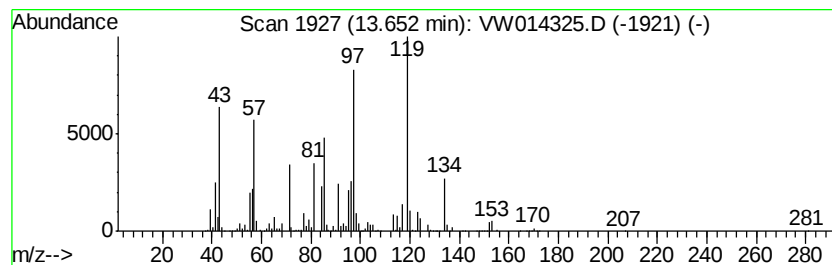
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Quant Title : VOC Analysis

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

Peak Number 43 p-Cymene Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	25.00 ug/L	9032550	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	74
2		o-Cymene	134	C10H14	000527-84-4	74
3		p-Cymene	134	C10H14	000099-87-6	72
4		o-Cymene	134	C10H14	000527-84-4	70
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

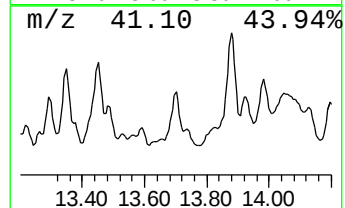
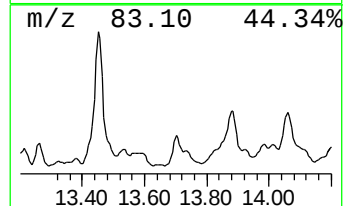
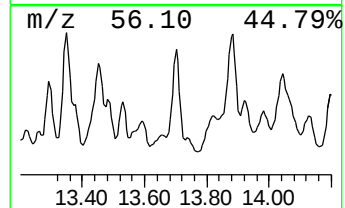
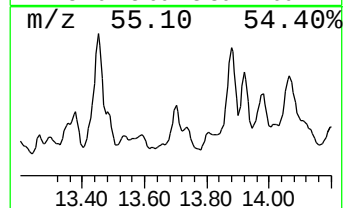
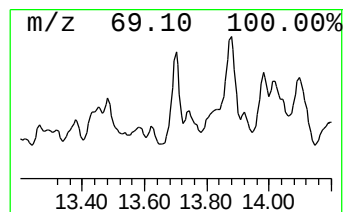
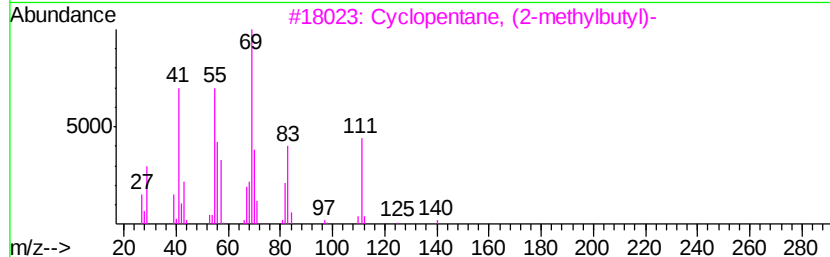
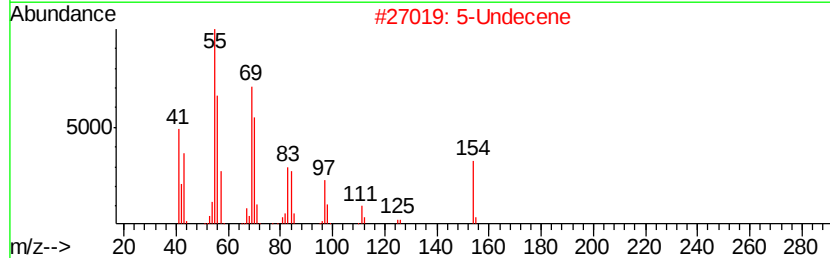
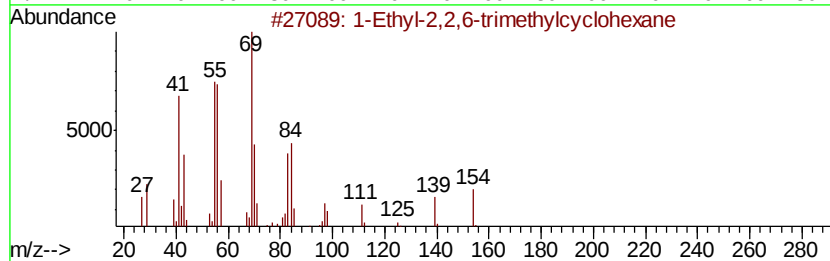
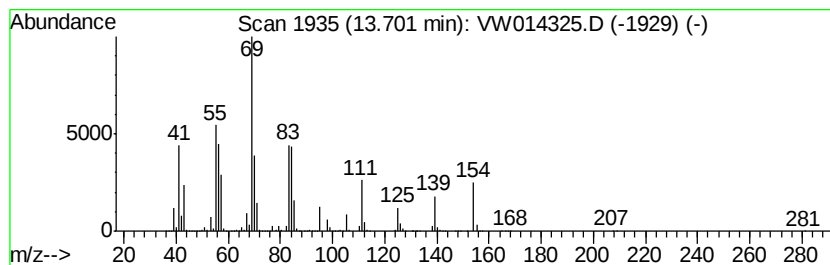
Instrument :
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 44 (DEL) Alkane: Cyclic13.70 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	165.96 ug/L	59960900	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Ethyl-2,2,6-trimethylcyclohexane	154 C11H22	071186-27-1	90
2	5-Undecene	154 C11H22	004941-53-1	59
3	Cyclopentane, (2-methylbutyl)-	140 C10H20	053366-38-4	52
4	Cyclohexane, 1,1,2-trimethyl-	126 C9H18	007094-26-0	49
5	Heptane, 2-methyl-3-methylene-	126 C9H18	062187-11-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BFEW0

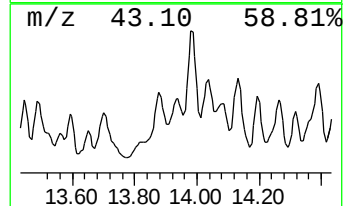
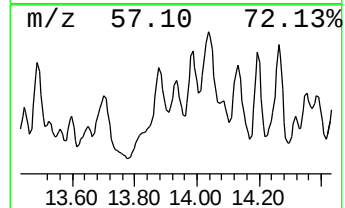
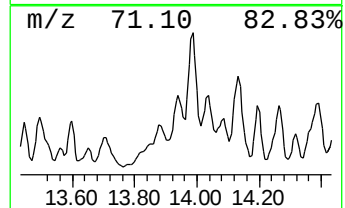
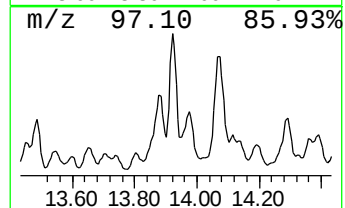
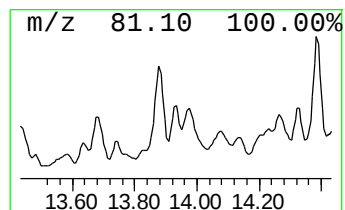
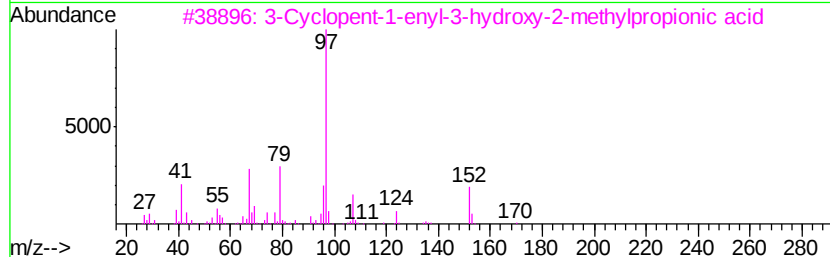
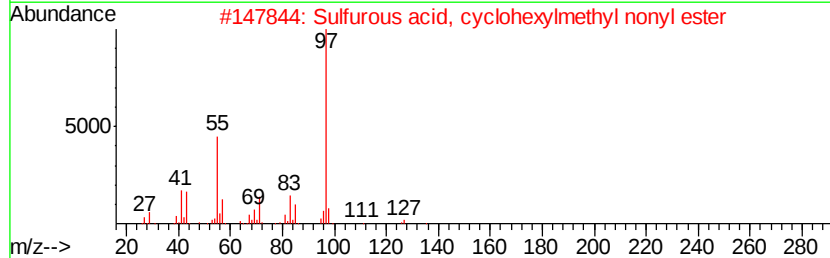
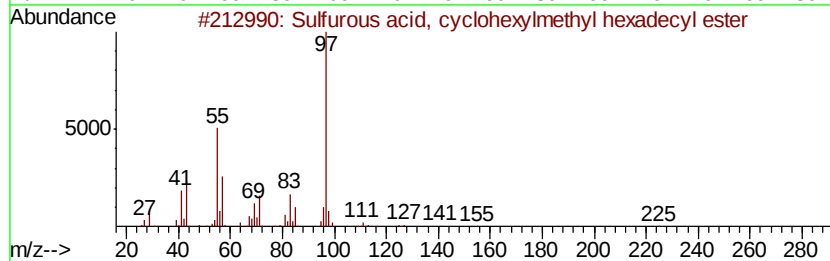
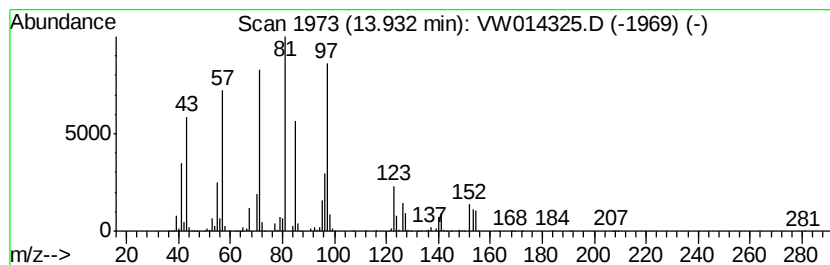
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Quant Title : VOC Analysis

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

Peak Number 45 Sulfurous acid, cyclohexylm... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	44.05 ug/L	15916300	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	59
2		Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	53
3		3-Cyclopent-1-enyl-3-hydroxy-2-m...	170	C9H14O3	1000191-19-7	53
4		Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	53
5		Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

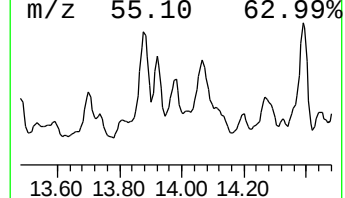
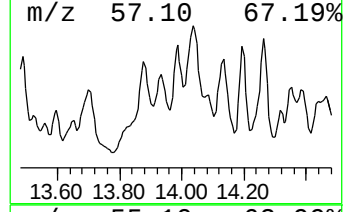
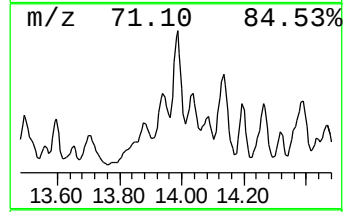
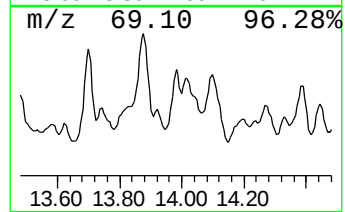
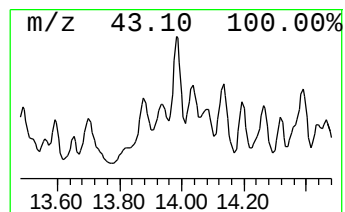
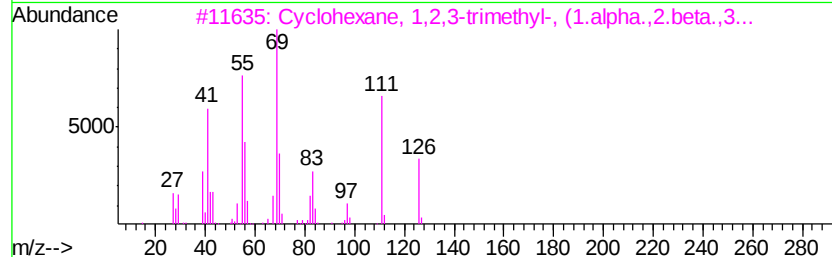
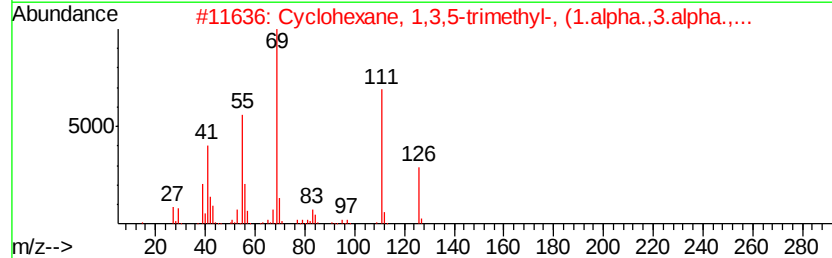
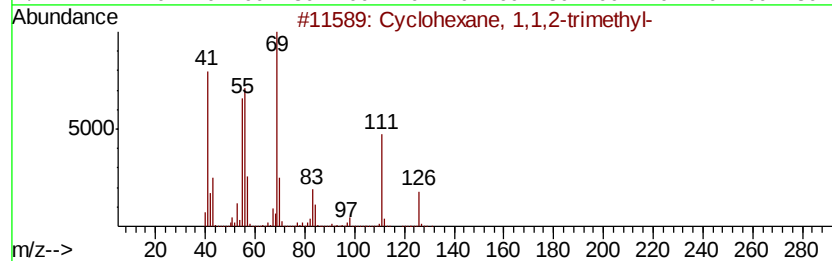
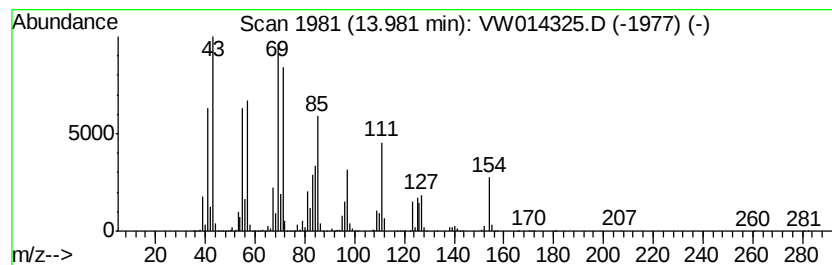
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 46 (DEL) Alkane: Cyclic13.98 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.98	76.52 ug/L	27645700	1,4-Dichlorobenzene-d4	13.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	42
2	Cvclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	30
3	Cvclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	30
4	3-t-Pentylcvclopentanone	154	C10H18O	1000114-66-3	30
5	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW0

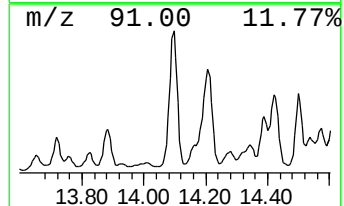
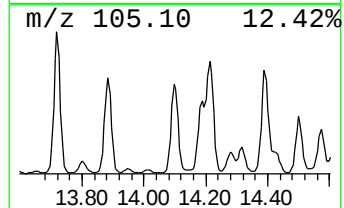
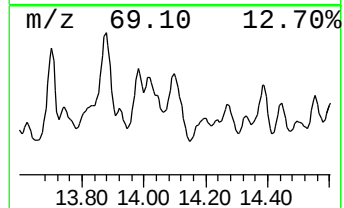
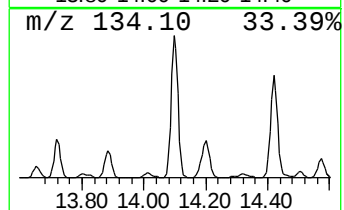
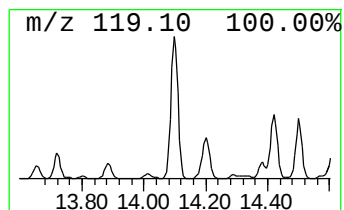
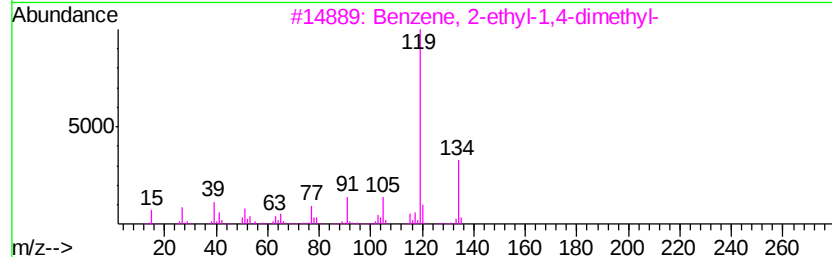
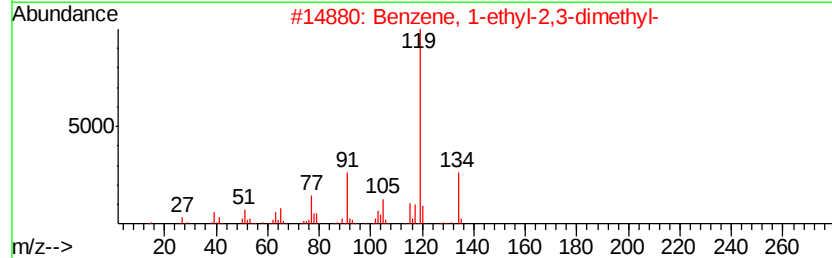
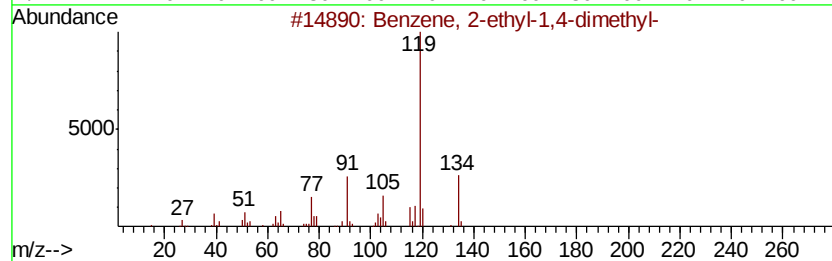
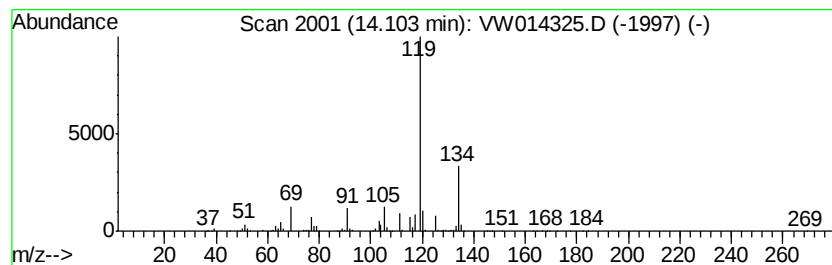
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Quant Title : VOC Analysis

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

Peak Number 47 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	154.49 ug/L	55818100	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	95
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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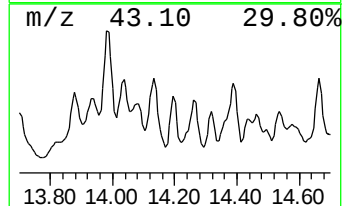
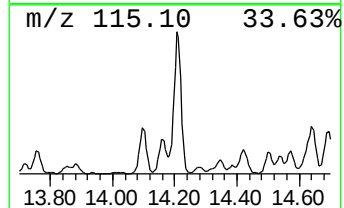
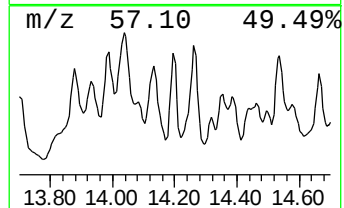
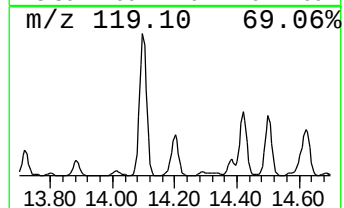
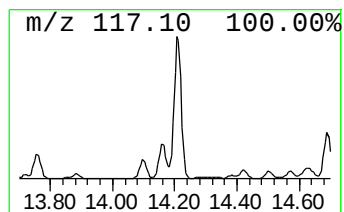
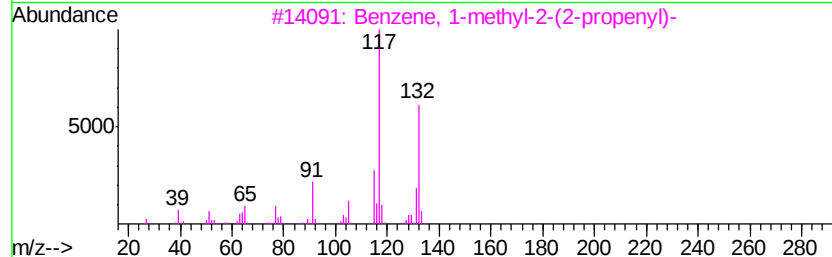
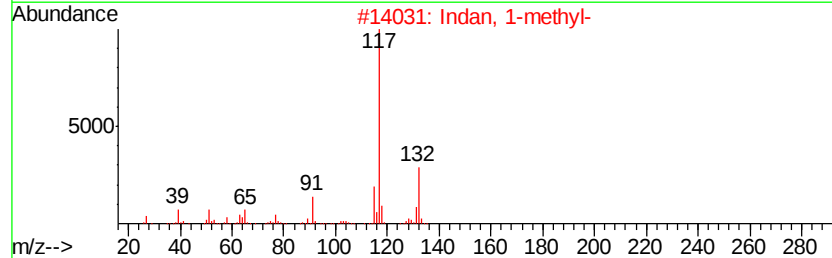
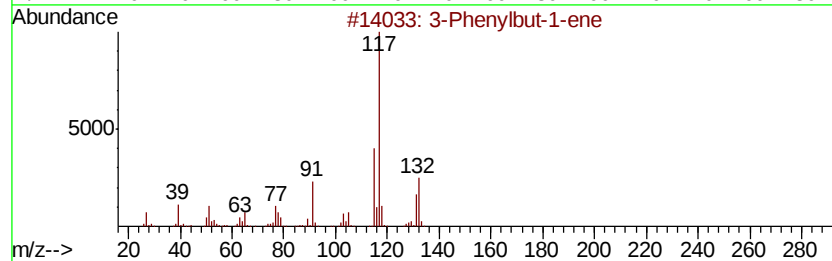
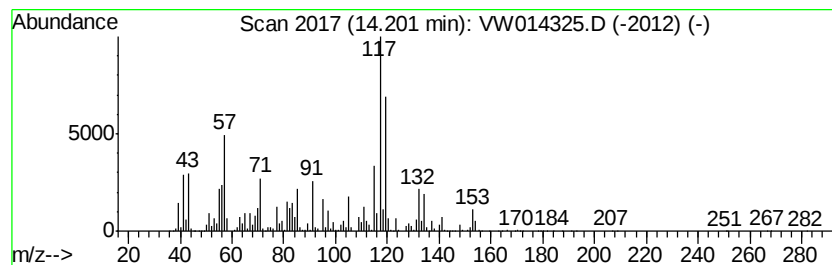
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Quant Title : VOC Analysis

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

Peak Number 48 3-Phenylbut-1-ene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	144.36 ug/L	52157500	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
2		Indan, 1-methyl-	132	C10H12	000767-58-8	55
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	55
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	55
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

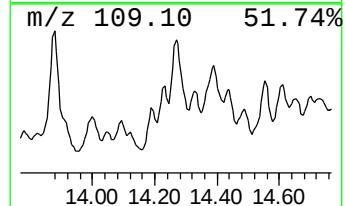
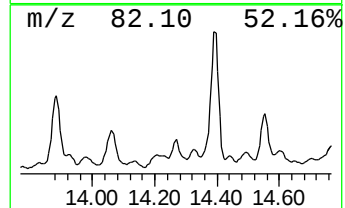
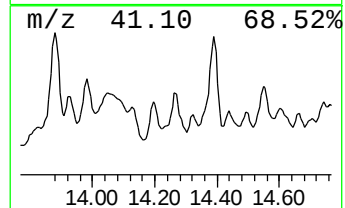
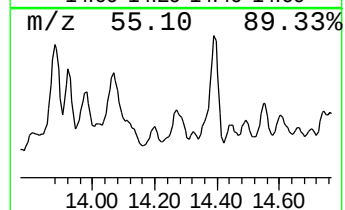
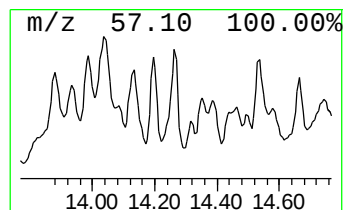
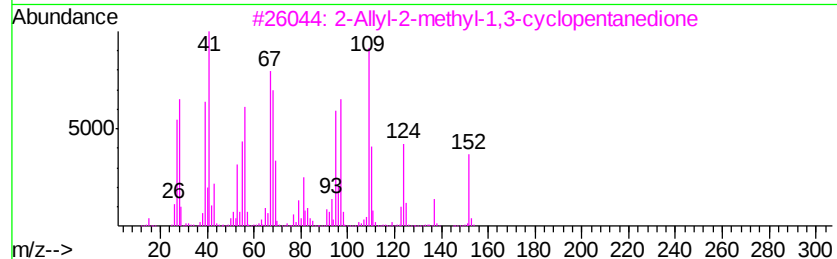
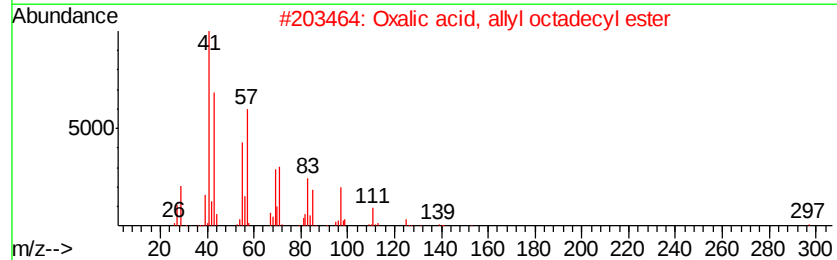
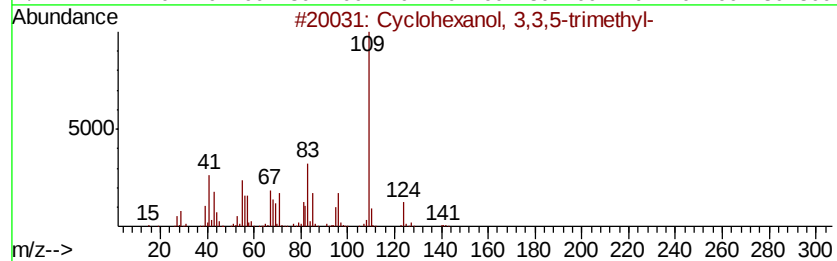
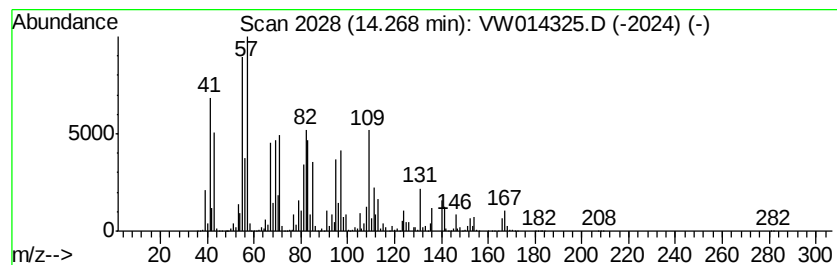
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 49 unknown-04 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	74.22 ug/L	26814900	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexanol, 3,3,5-trimethyl-	142 C9H18O	000116-02-9 49
2		Oxalic acid, allyl octadecyl ester	382 C23H42O4	1000309-24-5 46
3		2-Allyl-2-methyl-1,3-cyclopentanediol	152 C9H12O2	026828-48-8 42
4		Oxalic acid, allyl hexadecyl ester	354 C21H38O4	1000309-24-4 38
5		8-Oxabicyclo[5.1.0]octane	112 C7H12O	000286-45-3 38



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW0

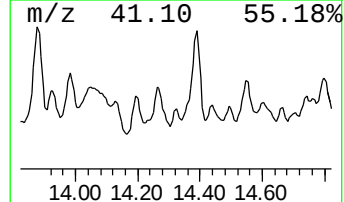
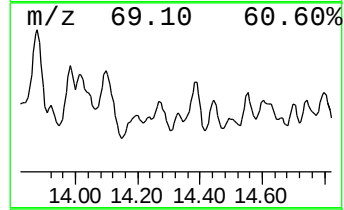
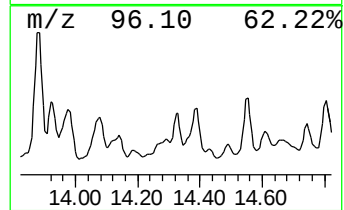
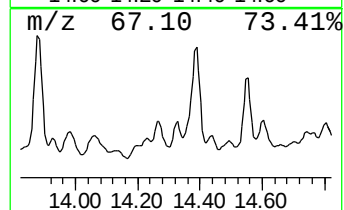
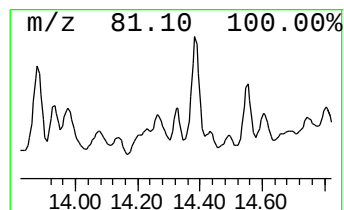
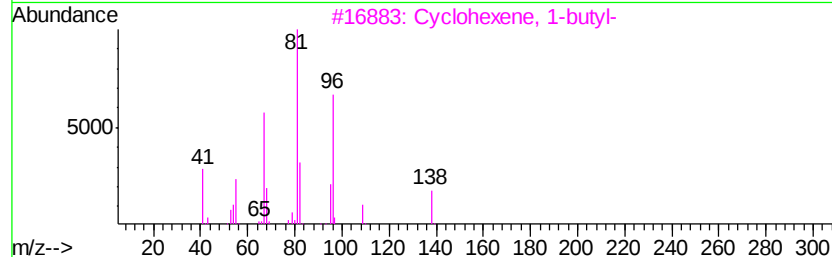
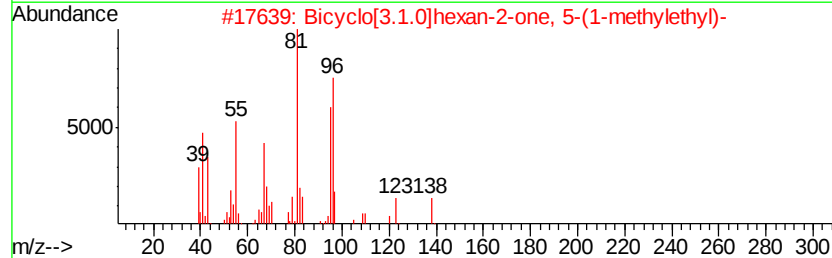
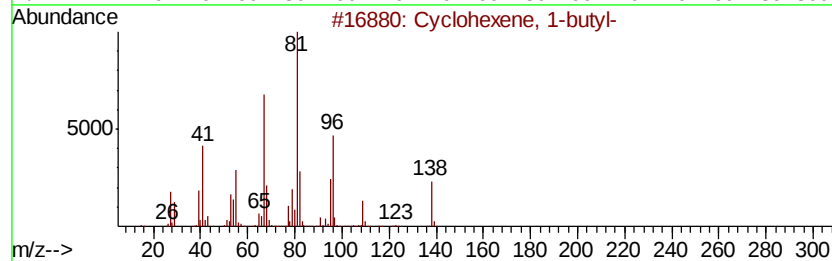
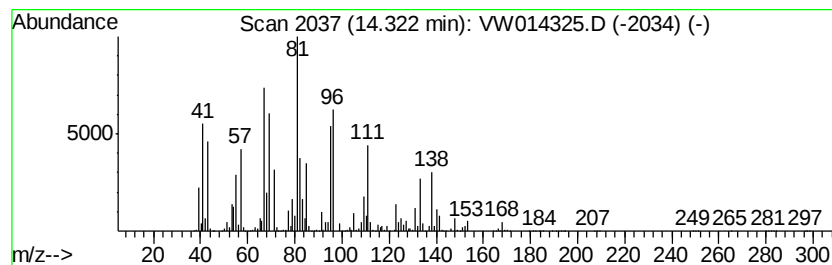
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Quant Title : VOC Analysis

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

Peak Number 50 Cyclohexene, 1-butyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	32.45 ug/L	11725800	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	91
2		Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	70
3		Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	53
4		Cyclopropane, (2-methylenebutyl)-	110	C8H14	074685-56-6	50
5		Cyclohexene,1-hexyl-	166	C12H22	003964-66-7	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

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ClientSampleId :
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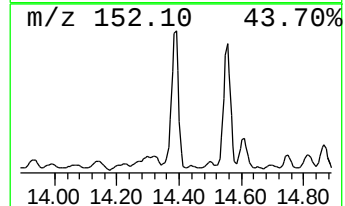
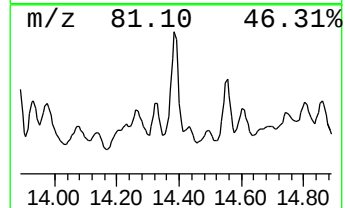
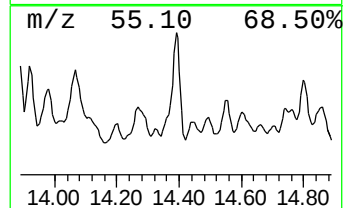
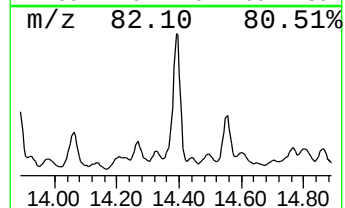
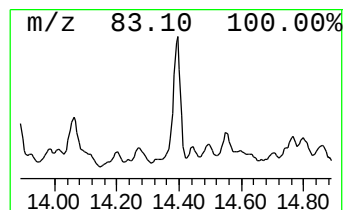
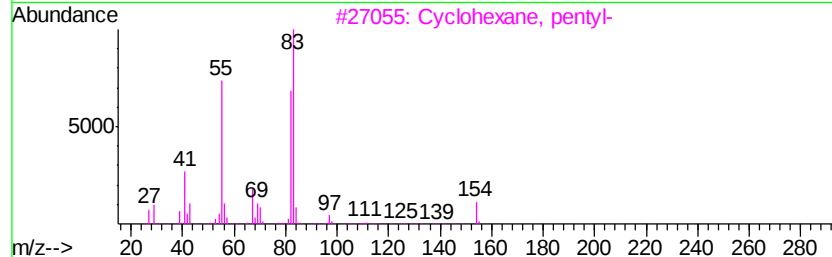
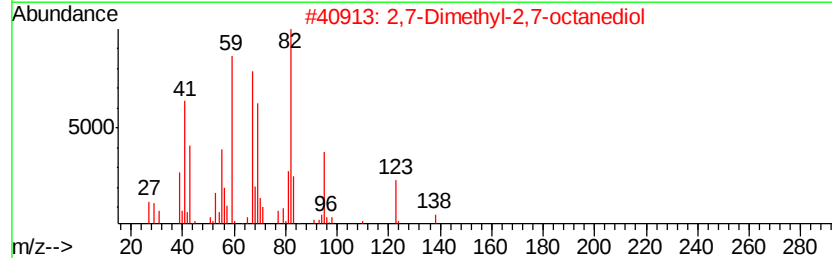
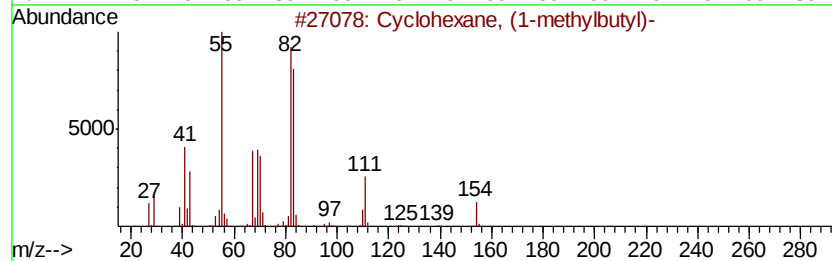
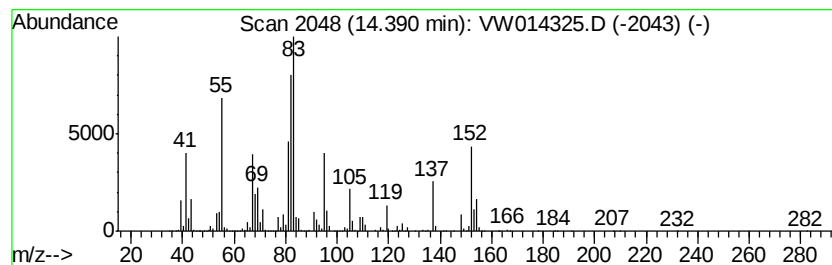
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Quant Title : VOC Analysis

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

Peak Number 51 (DEL) Alkane: Cyclic14.39 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	146.66 ug/L	52986800	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	47
2		2,7-Dimethyl-2,7-octanediol	174	C10H22O2	019781-07-8	38
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	38
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW0

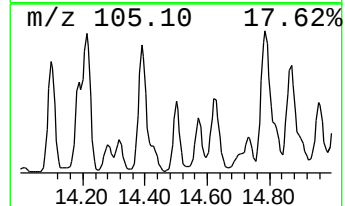
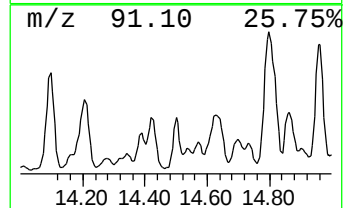
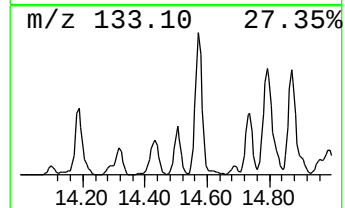
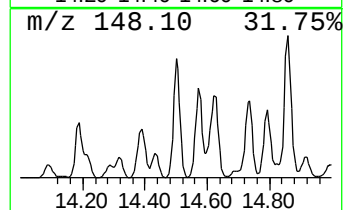
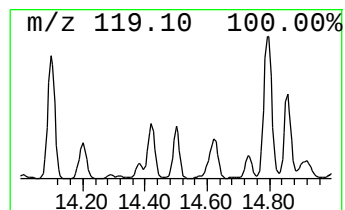
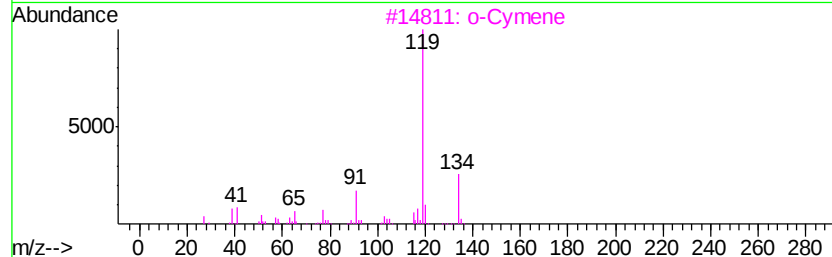
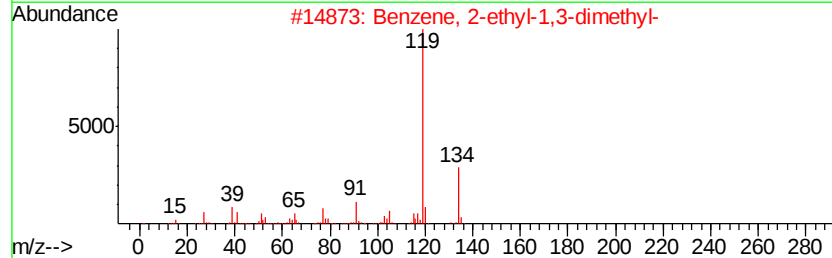
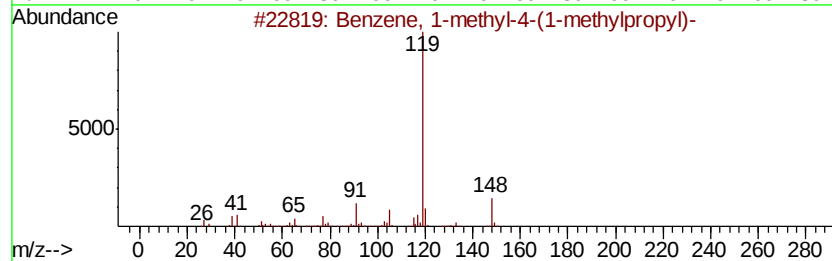
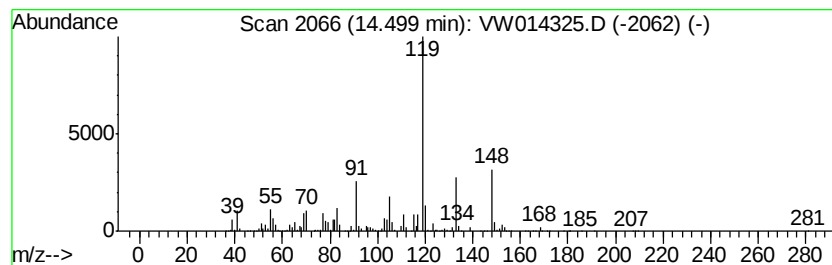
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Quant Title : VOC Analysis

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

Peak Number 52 Benzene, 1-methyl-4-(1-meth... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	49.05 ug/L	17721700	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	81
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
3		o-Cymene	134	C10H14	000527-84-4	55
4		o-Cymene	134	C10H14	000527-84-4	55
5		p-Cymene	134	C10H14	000099-87-6	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

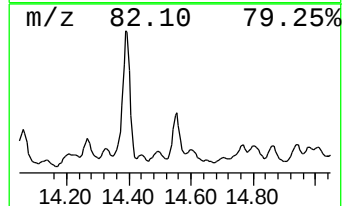
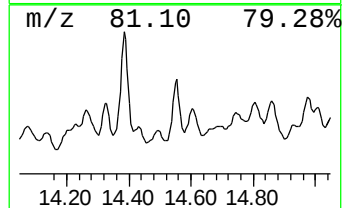
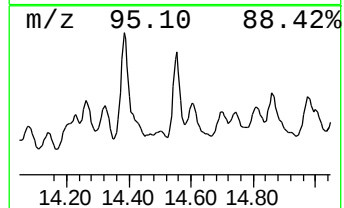
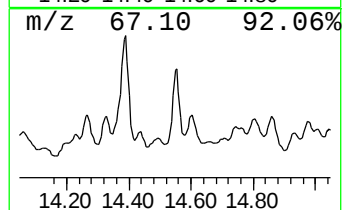
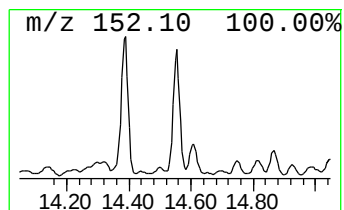
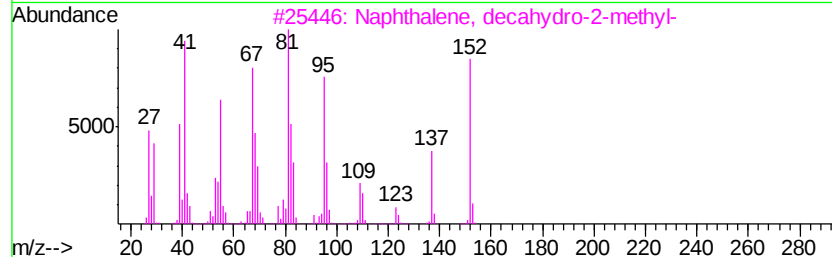
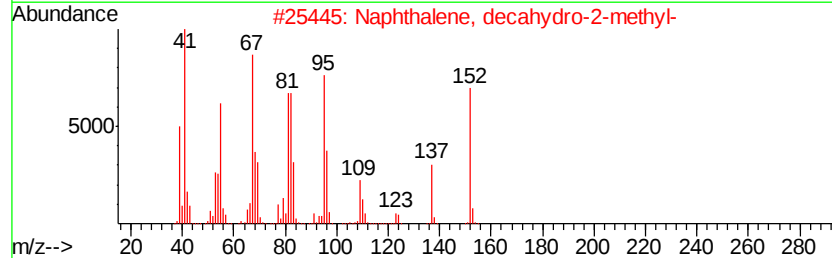
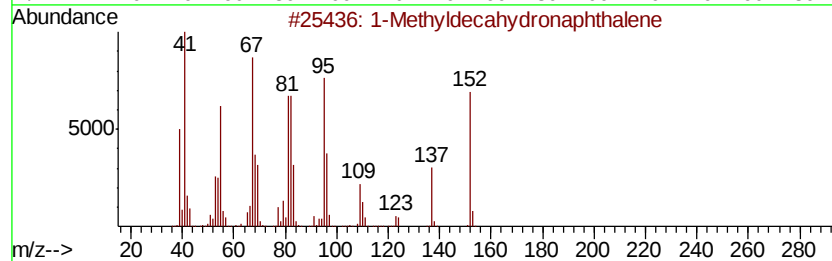
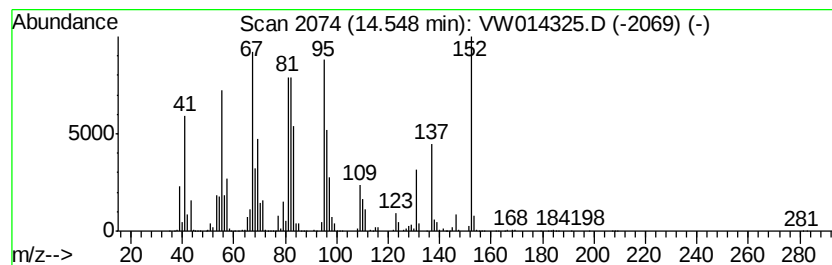
Instrument :
MSVOA_W
ClientSampleId :
BFEW0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 53 1-Methyldecahydronaphthalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	110.58 ug/L	39951500	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Methyldecahydronaphthalene	152 C11H20	002958-75-0 95
2		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 95
3		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 68
4		Bicyclo[3.3.2]decan-9-one	152 C10H16O	028054-91-3 64
5		trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3 64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW0

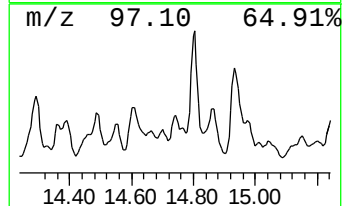
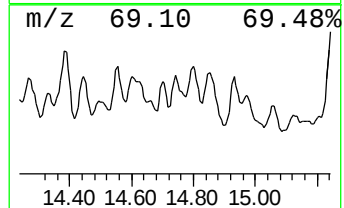
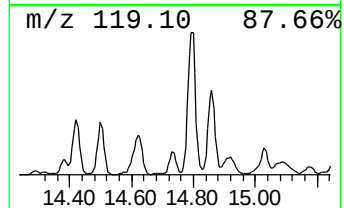
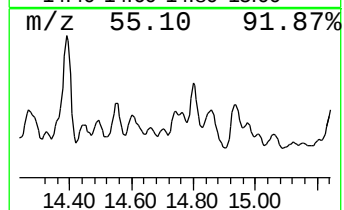
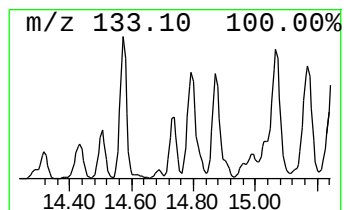
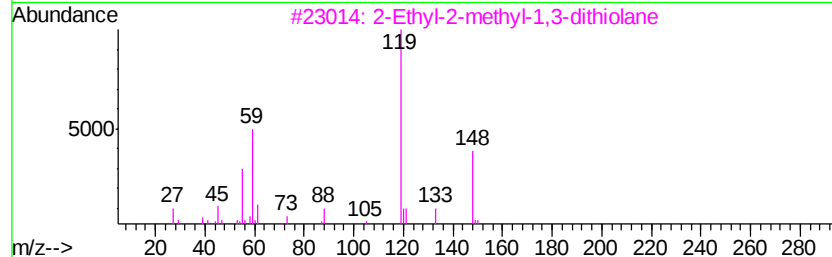
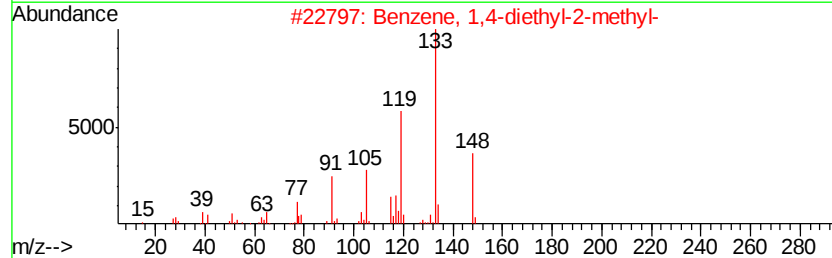
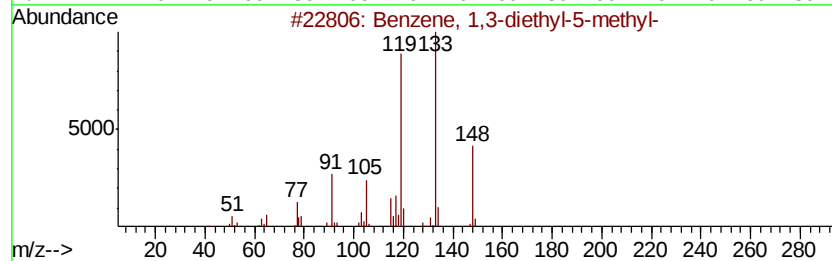
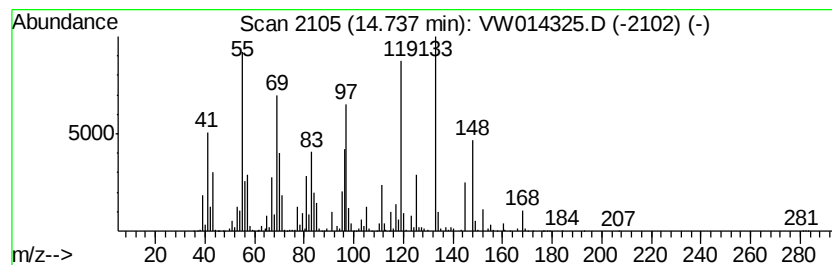
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Quant Title : VOC Analysis

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

Peak Number 54 unknown-05 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	42.13 ug/L	15220200	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	45
2		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	38
3		2-Ethyl-2-methyl-1,3-dithiolane	148	C6H12S2	006008-81-7	25
4		Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	20
5		Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW0

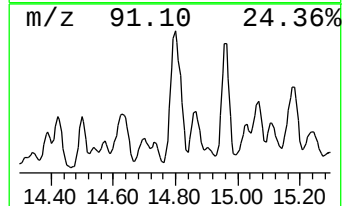
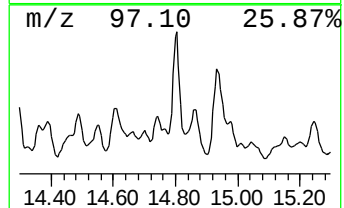
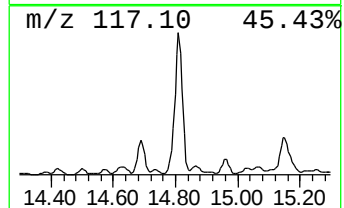
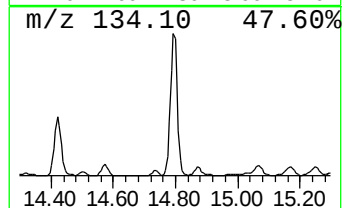
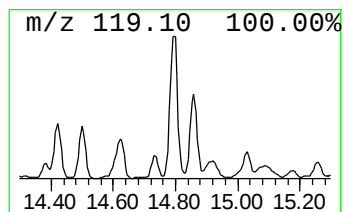
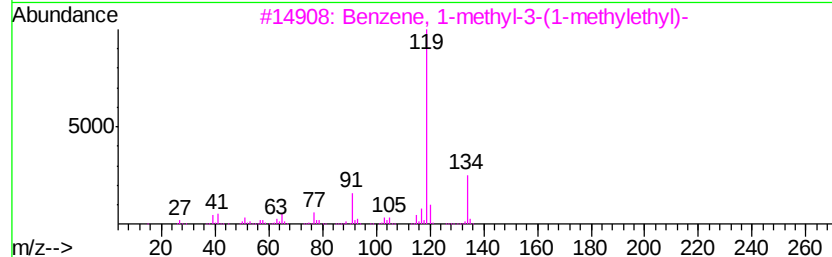
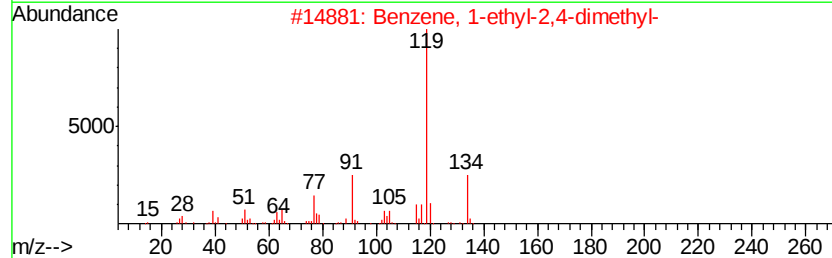
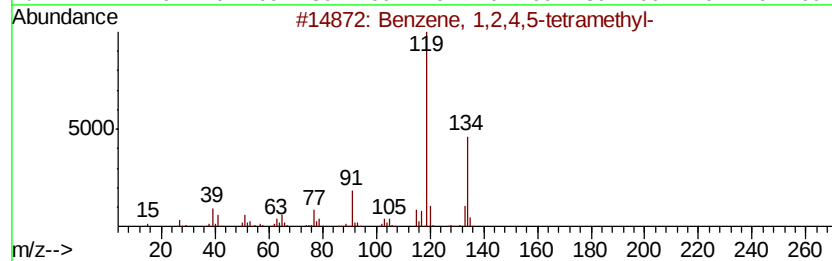
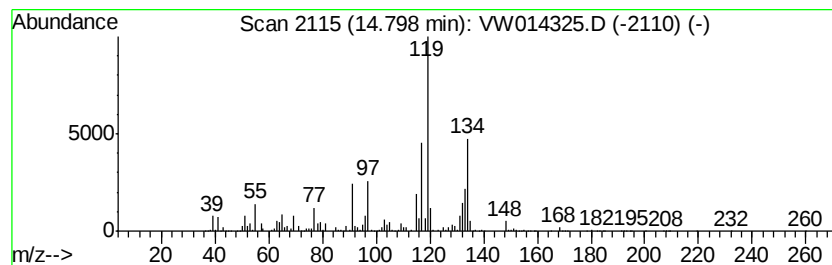
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Quant Title : VOC Analysis

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

Peak Number 55 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	286.35 ug/L	103460000	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	60
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	55
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	55
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	53
5		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW0

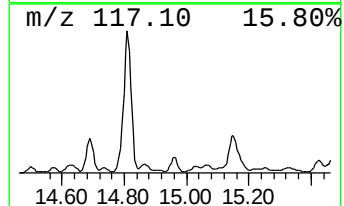
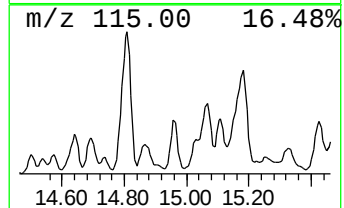
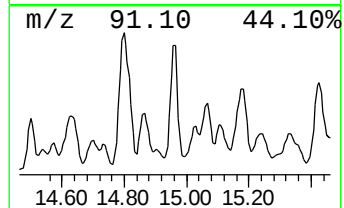
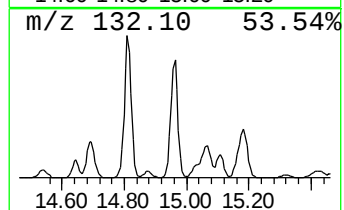
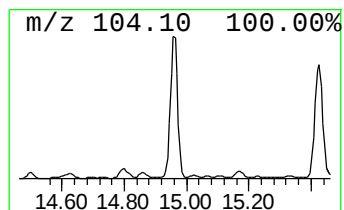
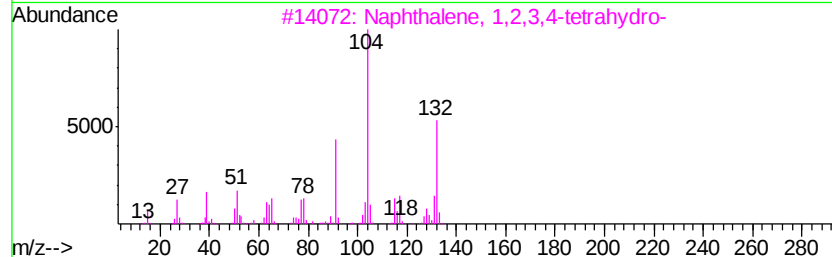
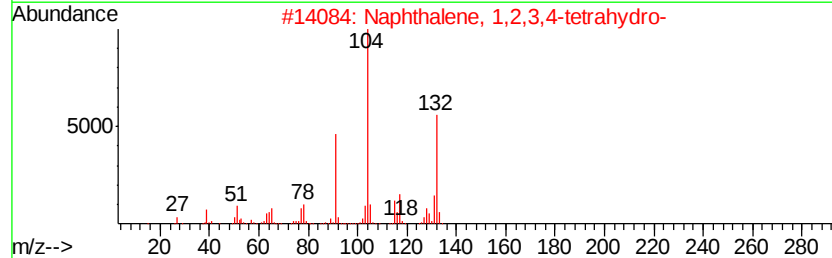
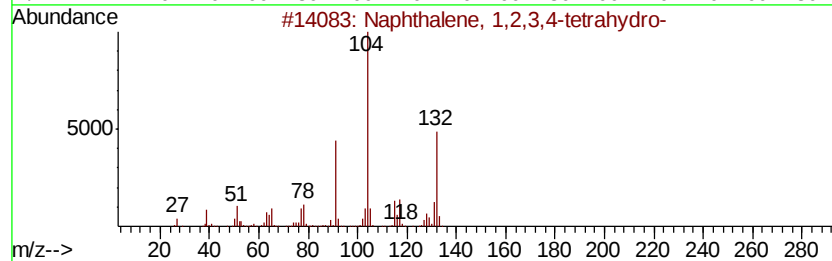
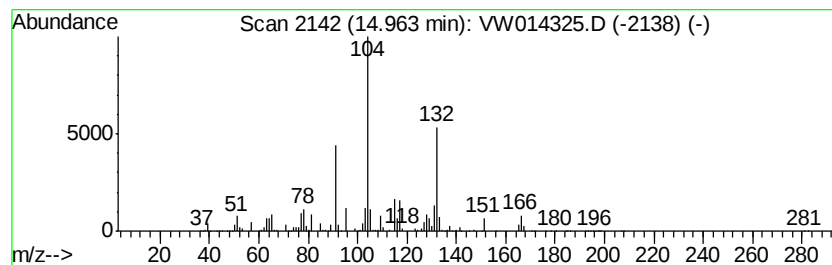
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Quant Title : VOC Analysis

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

Peak Number 57 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	89.74 ug/L	32424100	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	97
2		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
3		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
4		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	74
5		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW0

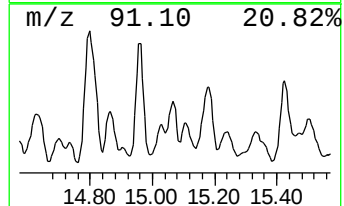
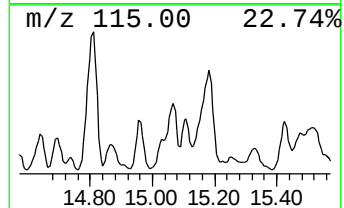
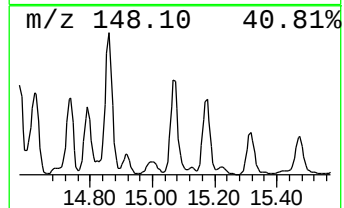
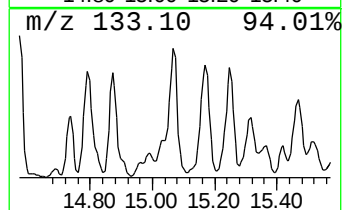
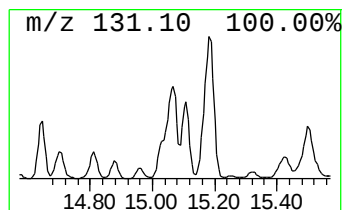
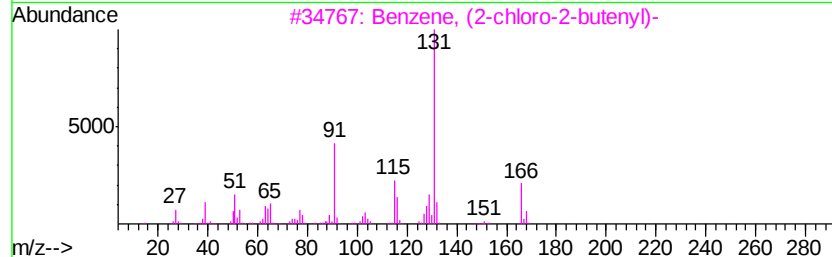
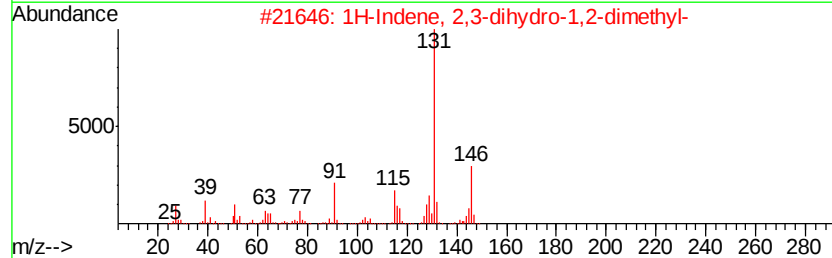
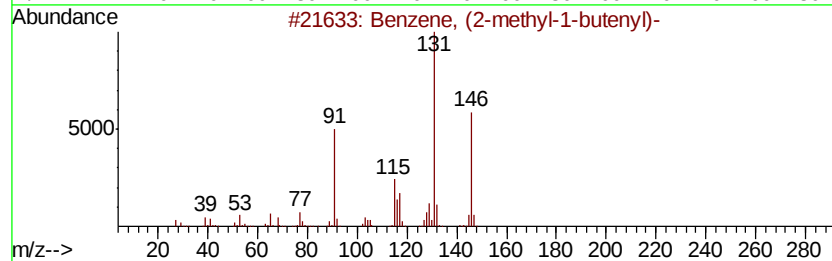
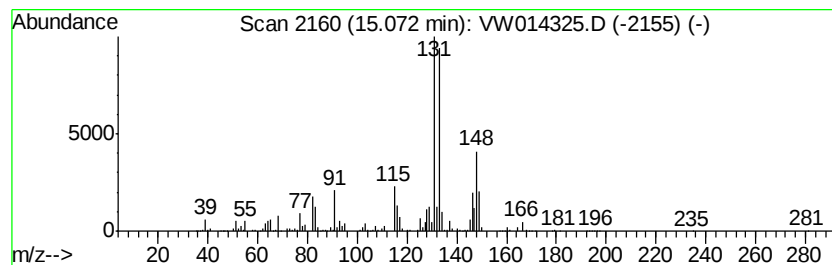
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Quant Title : VOC Analysis

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

Peak Number 58 Benzene, (2-methyl-1-butenyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	86.90 ug/L	31398400	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64
2		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
3		Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	55
4		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	50
5		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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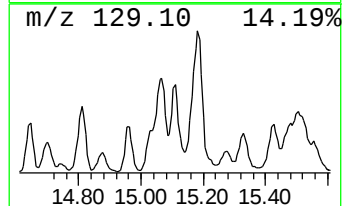
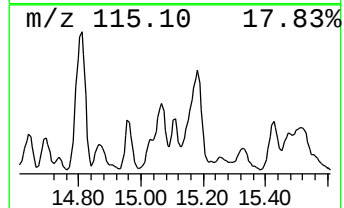
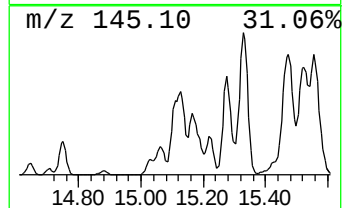
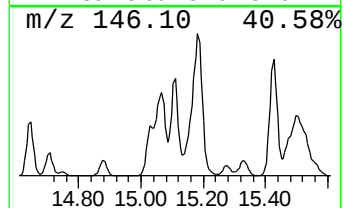
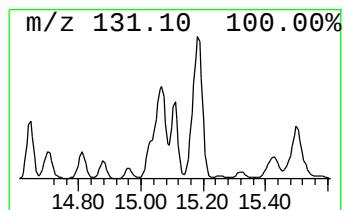
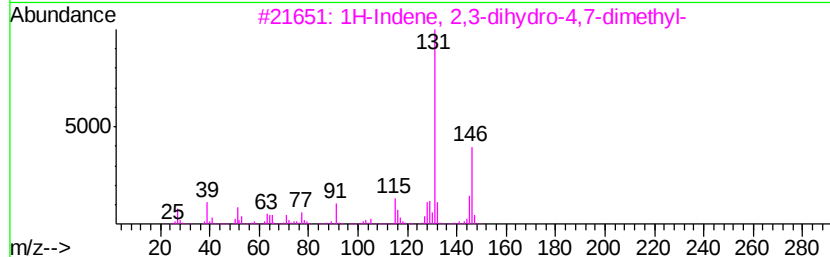
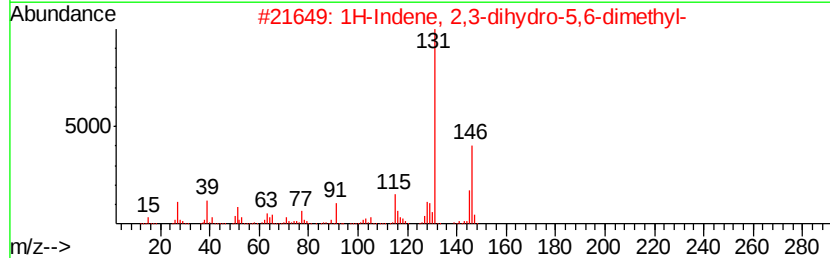
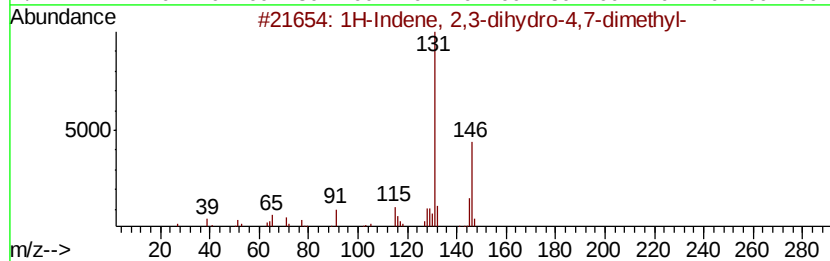
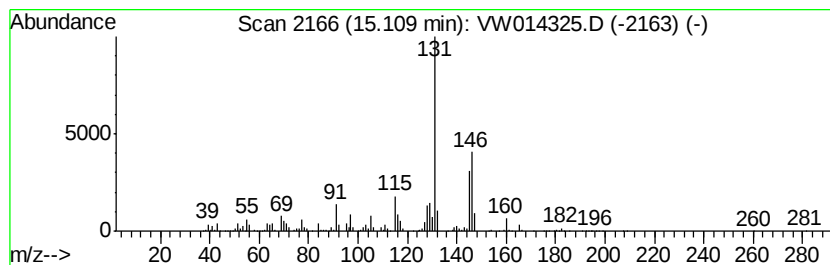
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Quant Title : VOC Analysis

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

Peak Number 59 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	34.83 ug/L	12582400	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	94
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
4		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW0

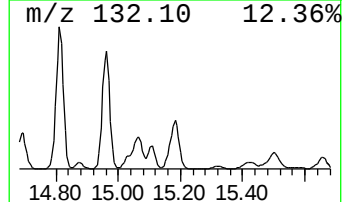
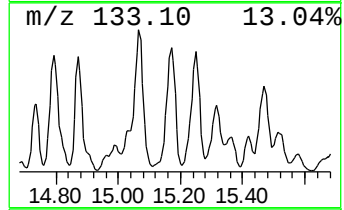
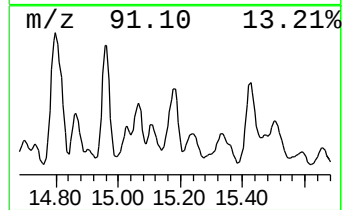
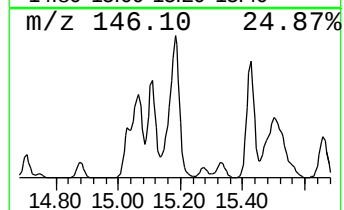
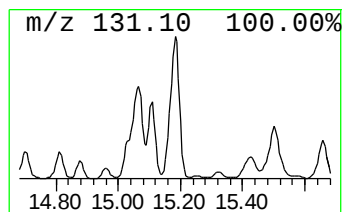
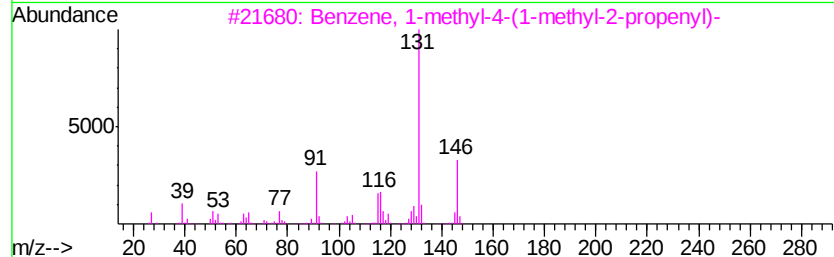
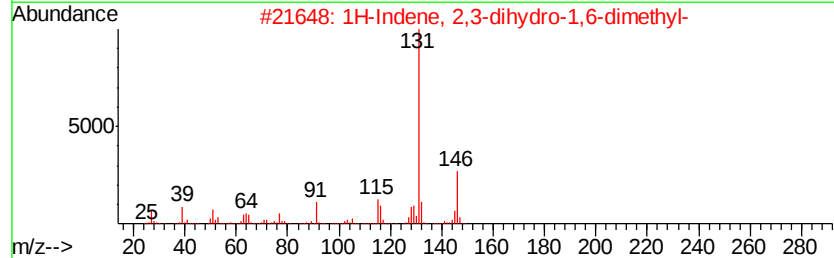
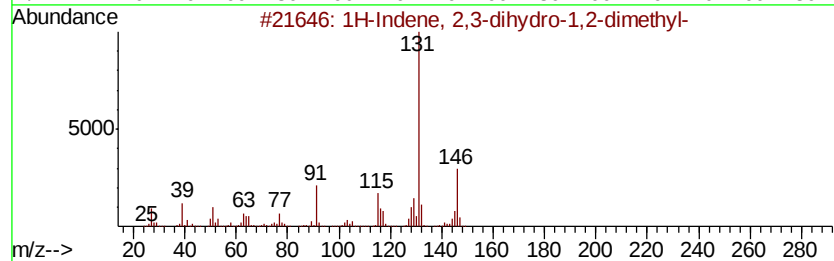
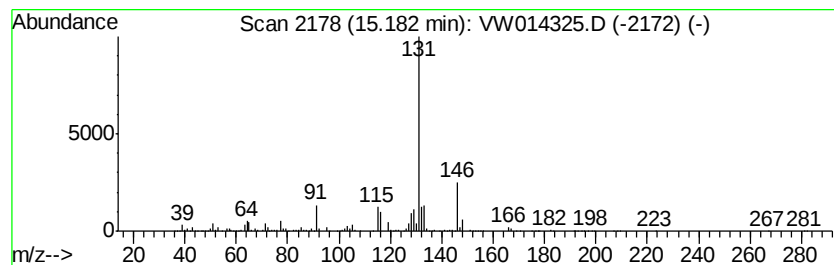
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Quant Title : VOC Analysis

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

Peak Number 60 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	114.05 ug/L	41207500	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	90
2		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
3		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	90
4		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW0

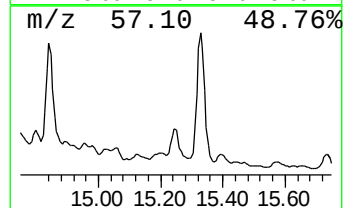
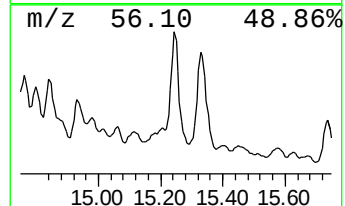
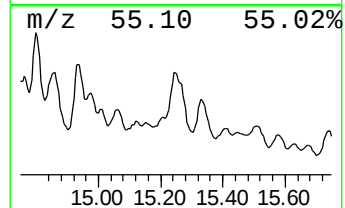
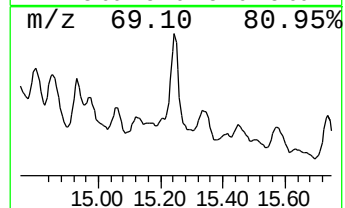
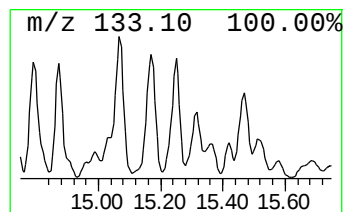
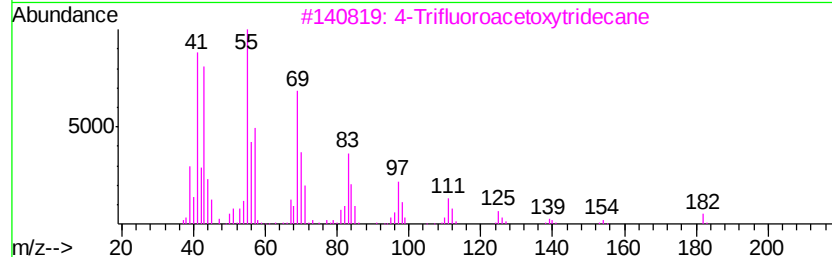
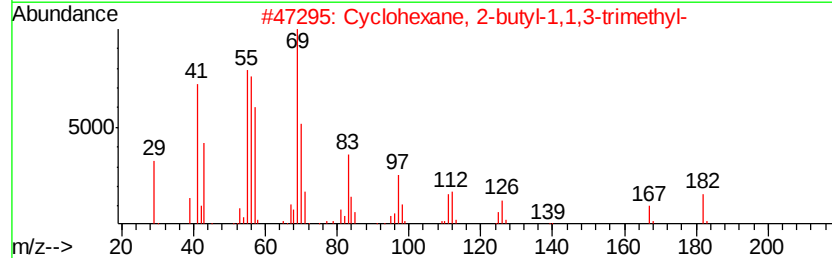
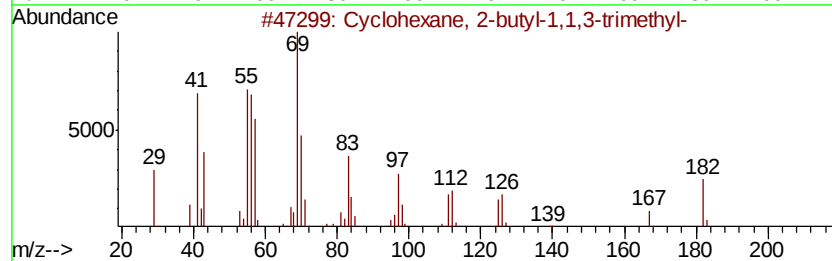
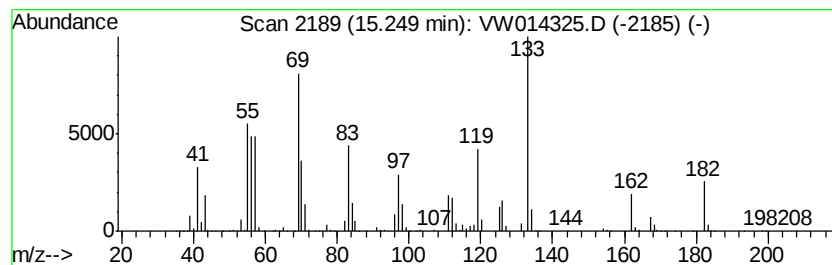
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Quant Title : VOC Analysis

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

Peak Number 61 (DEL) Alkane: Cyclic15.25 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	116.24 ug/L	41997000	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	95
2		Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	64
3		4-Trifluoroacetoxytridecane	296	C15H27F3O2	1000245-47-3	38
4		Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	38
5		Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW0

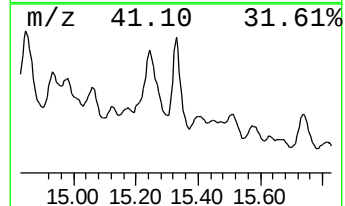
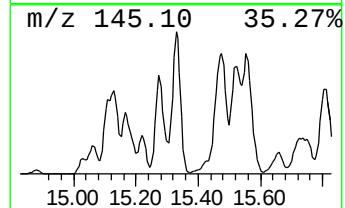
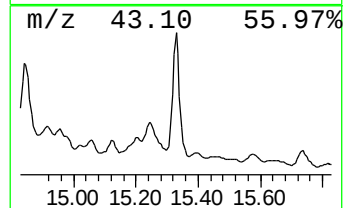
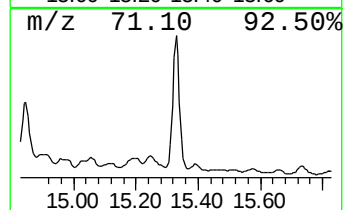
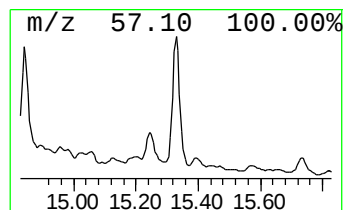
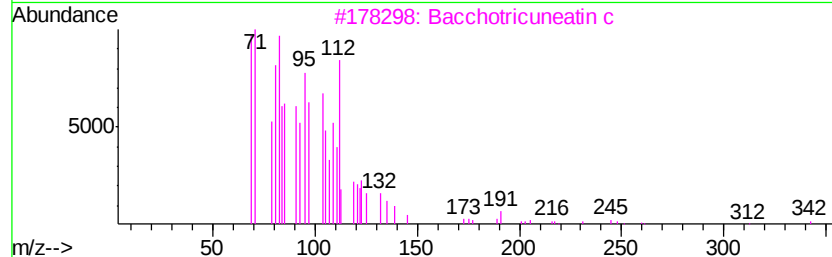
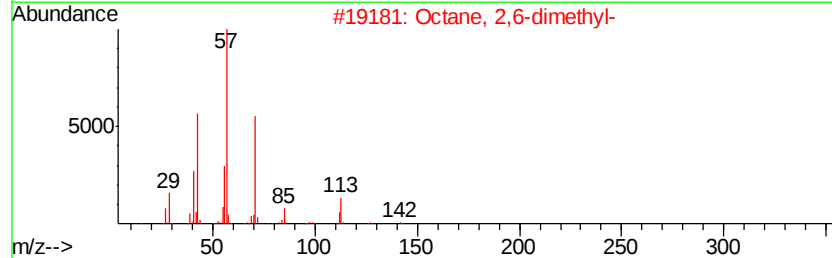
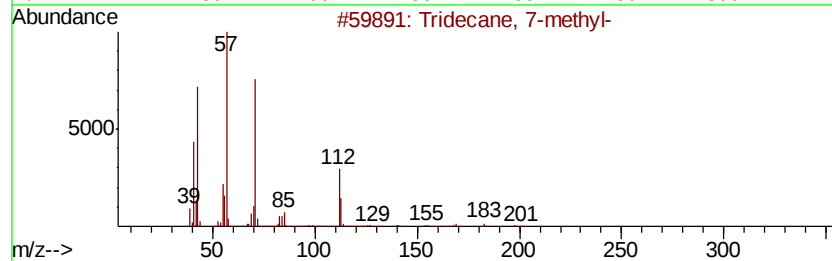
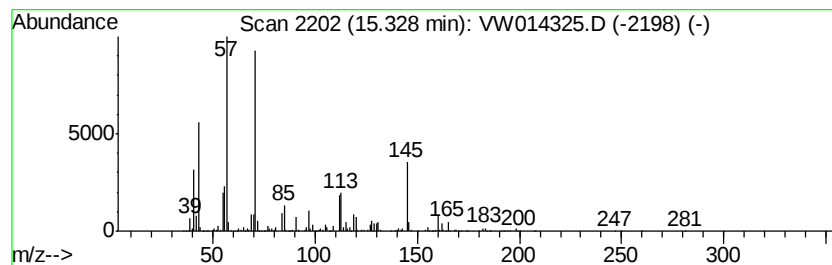
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Quant Title : VOC Analysis

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

Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	146.52 ug/L	52939000	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	72
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3		Bacchotricuneatin c	342	C20H22O5	066563-30-2	70
4		Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	64
5		Decane, 2-methyl-	156	C11H24	006975-98-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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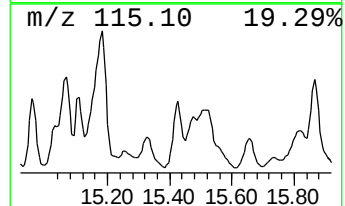
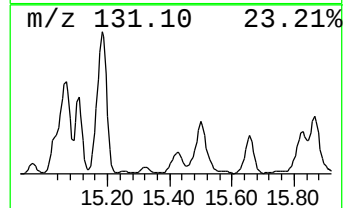
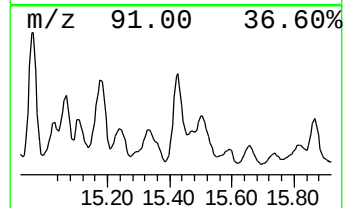
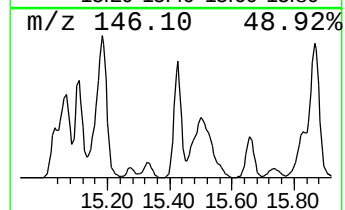
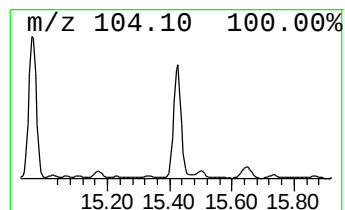
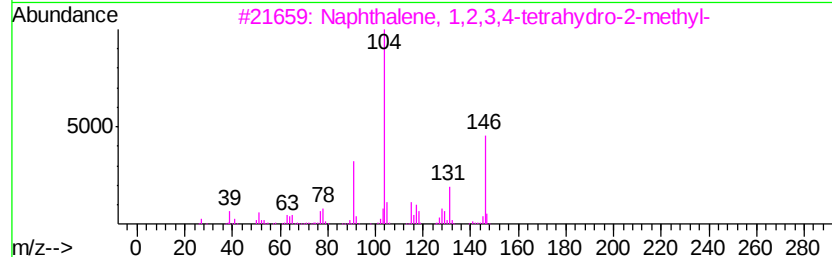
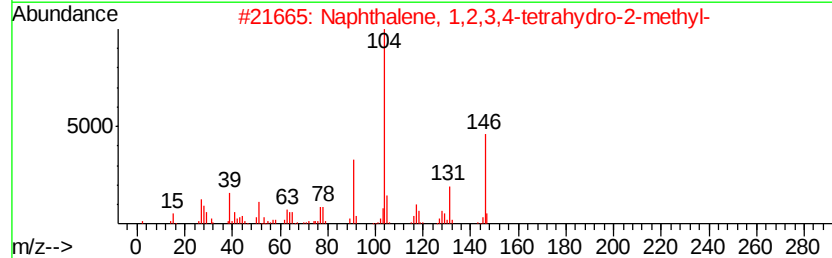
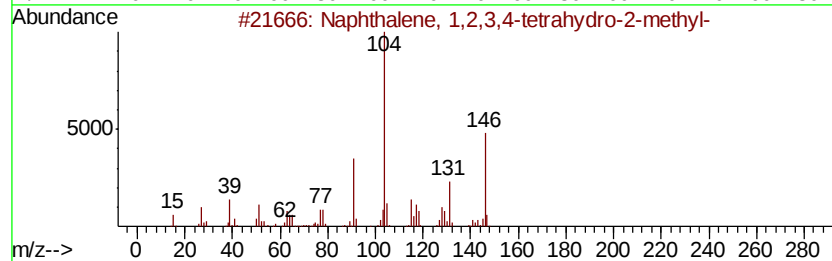
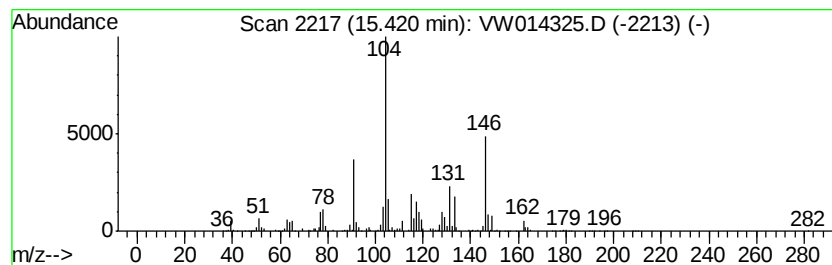
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Quant Title : VOC Analysis

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

Peak Number 63 Naphthalene, 1,2,3,4-tetra... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	67.26 ug/L	24300900	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	91
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	90
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
4		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
5		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW0

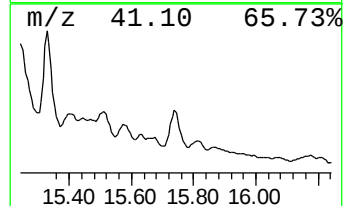
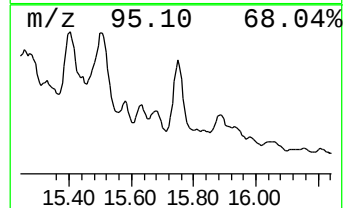
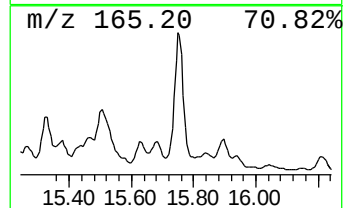
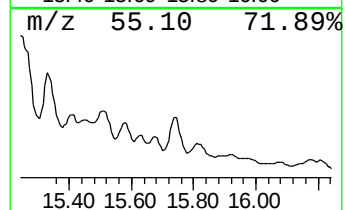
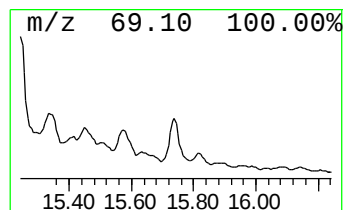
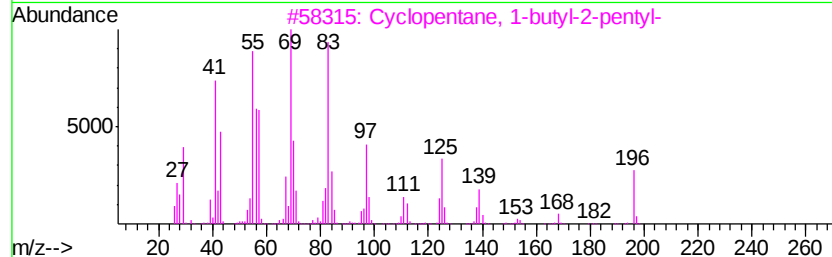
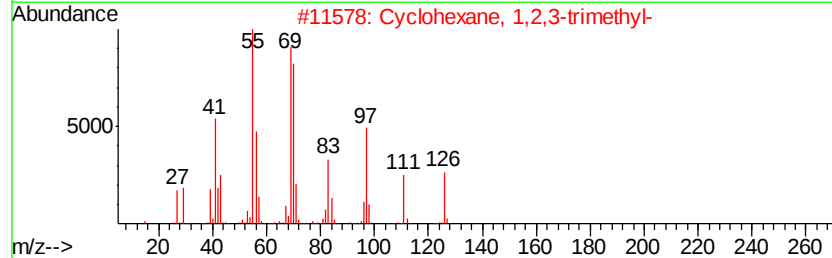
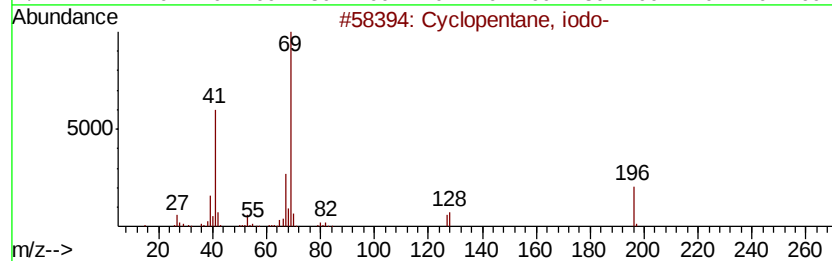
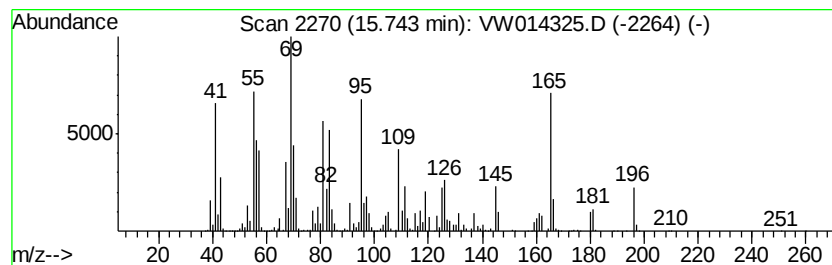
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Quant Title : VOC Analysis

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

Peak Number 65 unknown-06 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	74.30 ug/L	26843800	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, iodo-	196	C5H9I	001556-18-9	35
2		Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	30
3		Cyclopentane, 1-butyl-2-pentyl-	196	C14H28	061142-52-7	30
4		Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	25
5		Cyclohexanone, 3,5-dimethyl-	126	C8H14O	002320-30-1	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW0

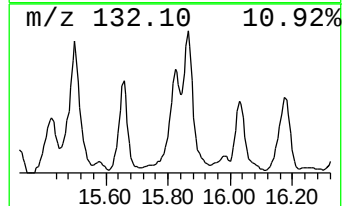
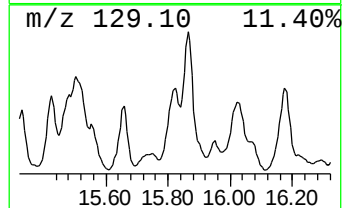
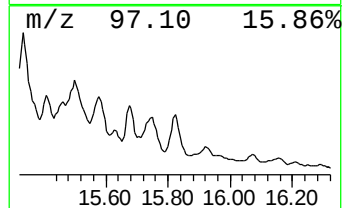
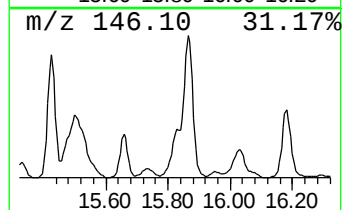
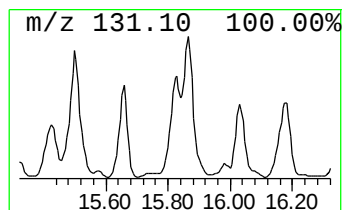
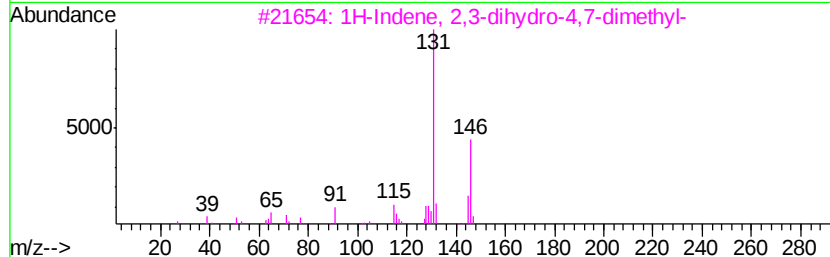
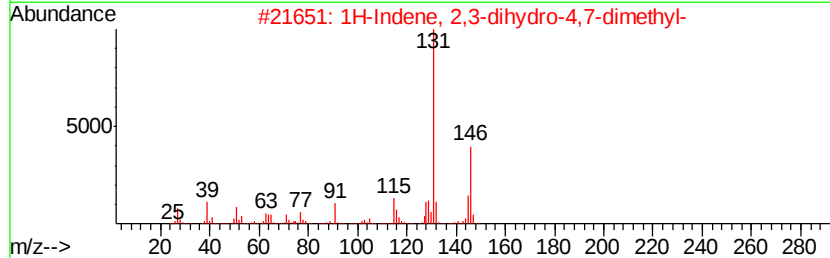
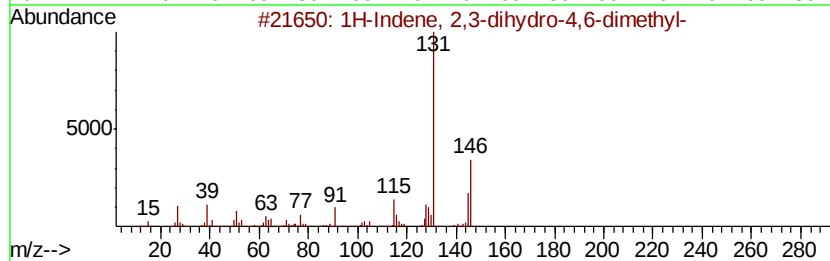
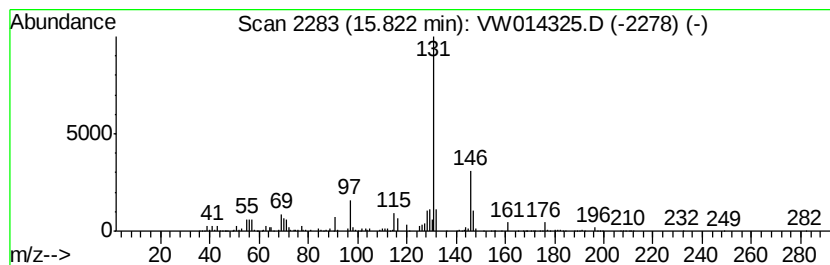
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Quant Title : VOC Analysis

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

Peak Number 66 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	54.44 ug/L	19669600	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
5			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

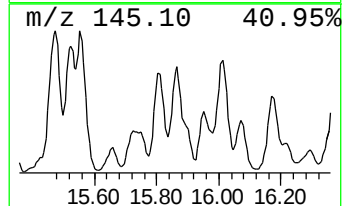
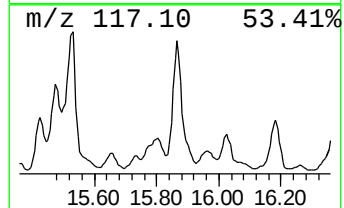
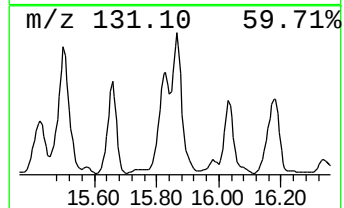
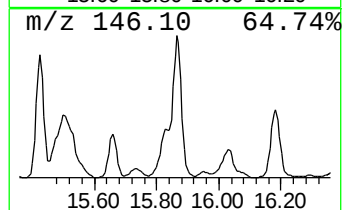
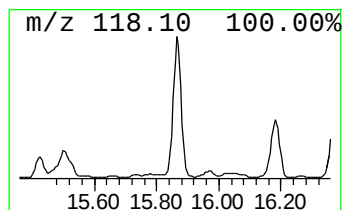
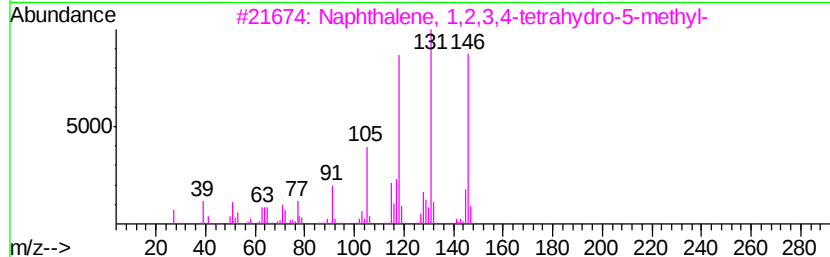
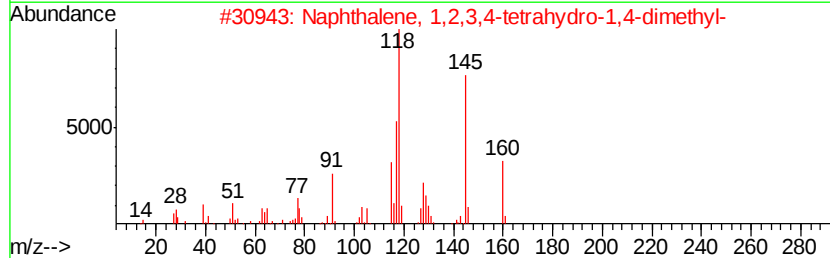
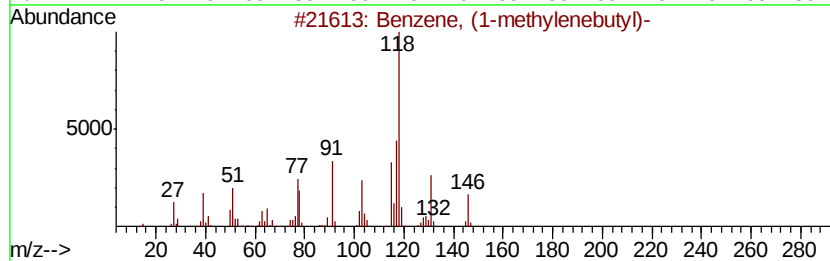
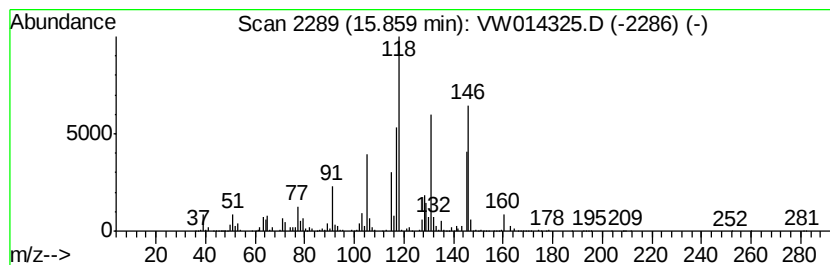
Instrument :
MSVOA_W
ClientSampleId :
BFEW0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 67 Benzene, (1-methylenebutyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	95.98 ug/L	34676500	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, (1-methylenebutyl)-	146 C11H14	005676-32-4 74
2		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	004175-54-6 70
3		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5 60
4		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001680-51-9 58
5		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5 53



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW0

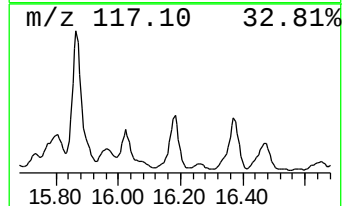
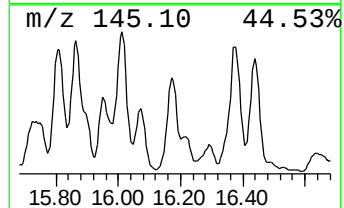
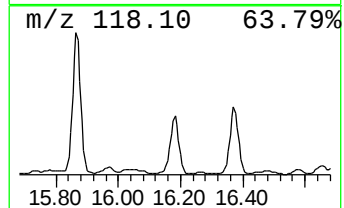
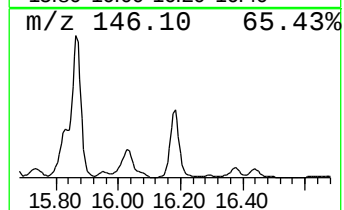
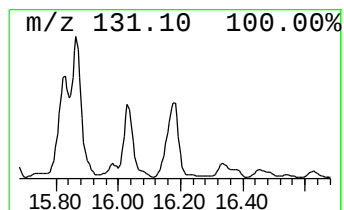
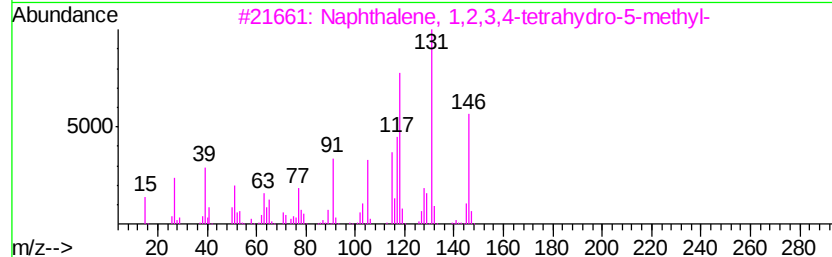
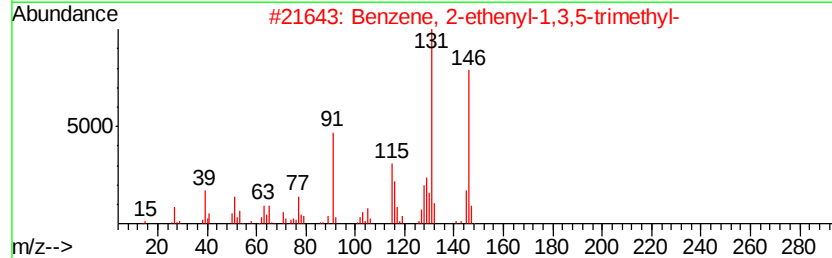
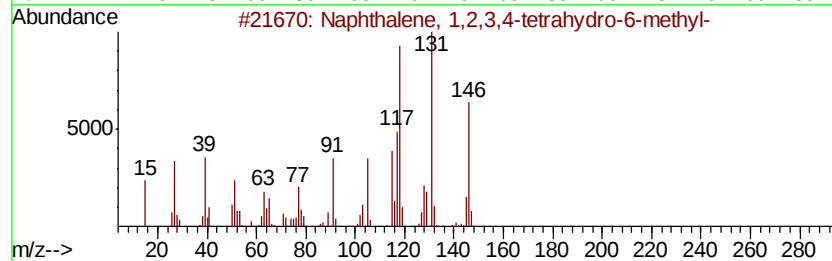
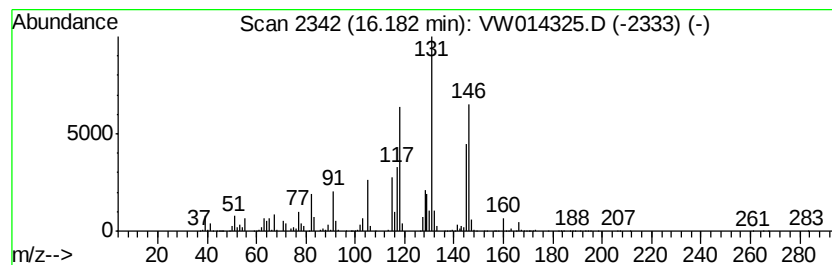
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Quant Title : VOC Analysis

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

Peak Number 68 Naphthalene, 1,2,3,4-tetra... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	75.59 ug/L	27311600	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	86
2		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	83
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	81
4		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	68
5		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW0

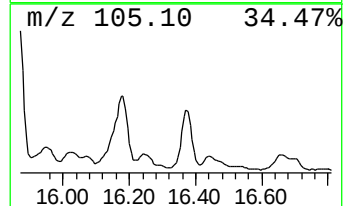
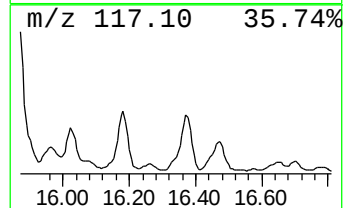
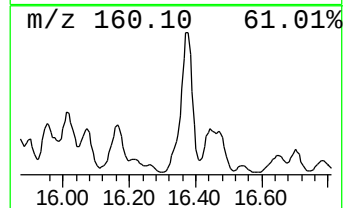
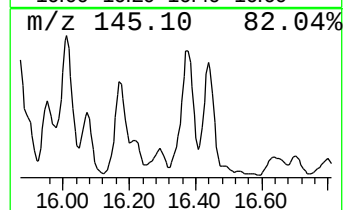
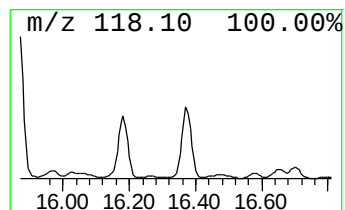
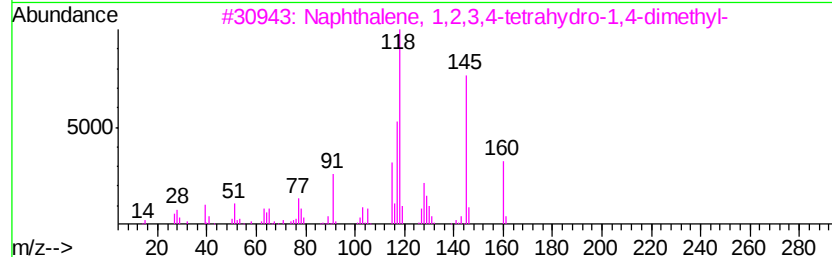
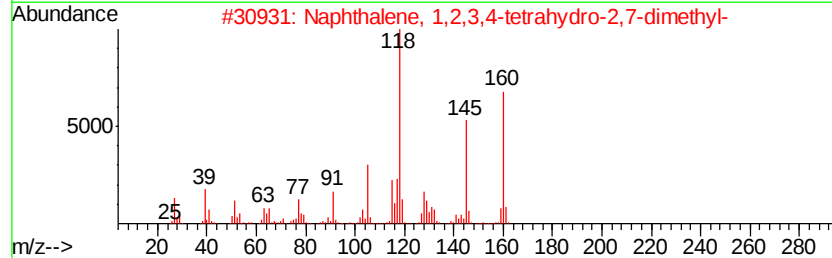
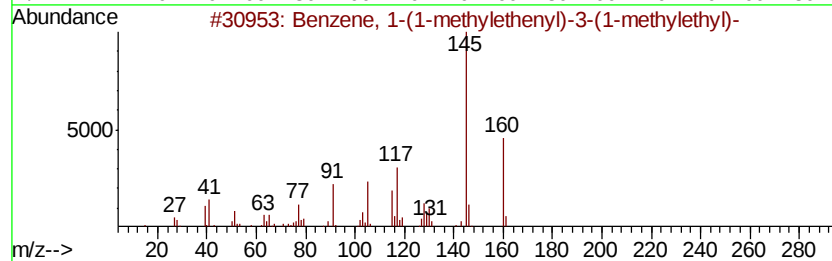
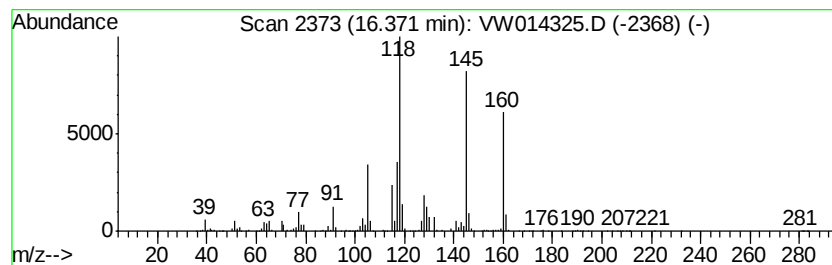
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Quant Title : VOC Analysis

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

Peak Number 69 Benzene, 1-(1-methylethenyl)... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	35.49 ug/L	12822600	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	93
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	91
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	81
4		Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	81
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW0

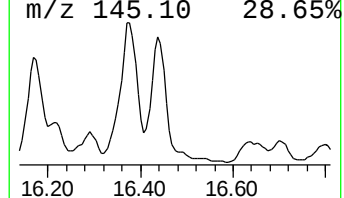
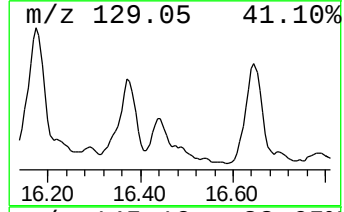
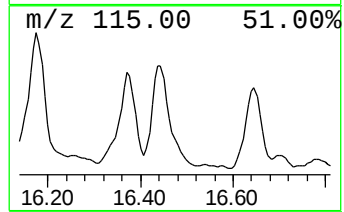
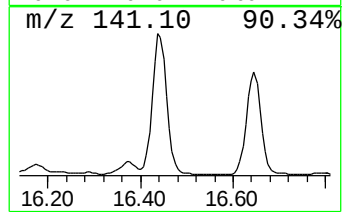
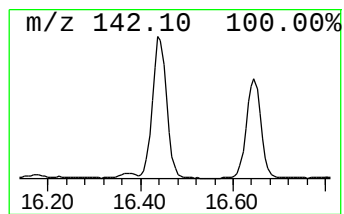
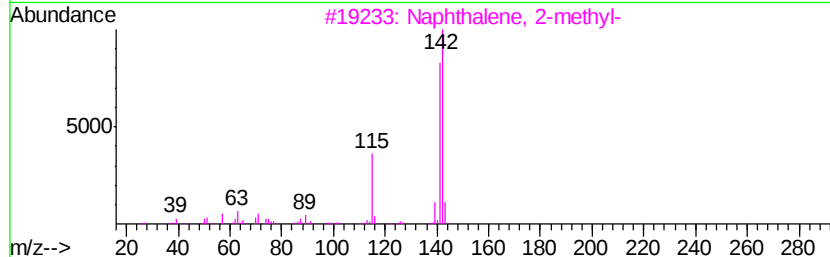
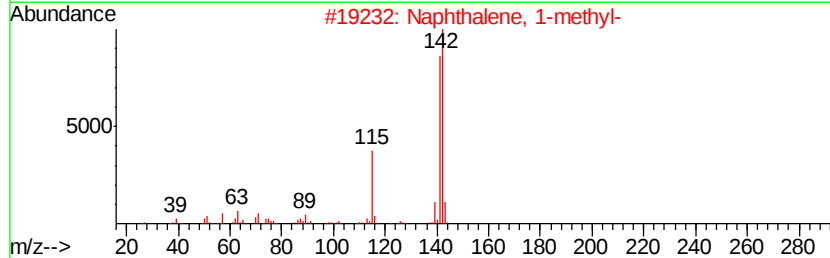
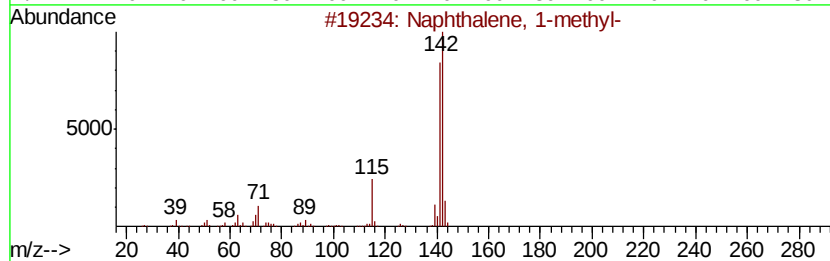
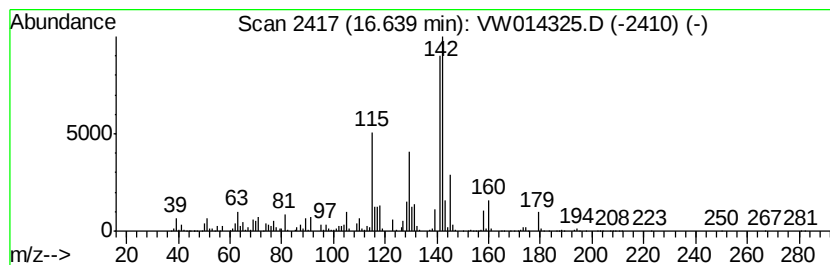
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 71 Naphthalene, 1-methyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	25.23 ug/L	9115750	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	92
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	92
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	70
5		Benzocycloheptatriene	142	C11H10	000264-09-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121219\
 Data File : VW014325.D
 Acq On : 12 Dec 2019 14:46
 Operator : SY/VA
 Sample : K6236-11
 Misc : 5.29G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFEW0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis

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

						--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc	
(DEL) Alkane: Cyc...	10.50	1.4	ug/L	126542	2	11.63	2325240	25.0	
(DEL) Alkane: Cyc...	10.66	2.1	ug/L	191518	2	11.63	2325240	25.0	
(DEL) Alkane: Cyc...	10.76	2.7	ug/L	252787	2	11.63	2325240	25.0	
(DEL) Alkane: Str...	10.84	2.5	ug/L	227991	2	11.63	2325240	25.0	
(DEL) Alkane: Str...	11.04	8.0	ug/L	740099	2	11.63	2325240	25.0	
(DEL) Alkane: Cyc...	11.11	3.5	ug/L	328256	2	11.63	2325240	25.0	
(DEL) Alkane: Cyc...	11.18	9.2	ug/L	857048	2	11.63	2325240	25.0	
(DEL) Alkane: Cyc...	11.23	51.1	ug/L	4756090	2	11.63	2325240	25.0	
(DEL) Alkane: Cyc...	11.28	1.3	ug/L	118180	2	11.63	2325240	25.0	
(DEL) Alkane: Str...	11.34	29.7	ug/L	2760000	2	11.63	2325240	25.0	
(DEL) Alkane: Str...	11.38	8.3	ug/L	774118	2	11.63	2325240	25.0	
(DEL) Alkane: Cyc...	11.43	22.9	ug/L	2134580	2	11.63	2325240	25.0	
(DEL) Alkane: Str...	11.51	7.2	ug/L	667202	2	11.63	2325240	25.0	
(DEL) Alkane: Cyc...	11.56	9.8	ug/L	910481	2	11.63	2325240	25.0	
Pentalene, octahy...	11.73	2.9	ug/L	271356	2	11.63	2325240	25.0	
(DEL) Alkane: Cyc...	11.76	24.7	ug/L	2295330	2	11.63	2325240	25.0	
(DEL) Alkane: Cyc...	11.82	42.5	ug/L	3950250	2	11.63	2325240	25.0	
(DEL) Alkane: Cyc...	11.87	69.0	ug/L	6415750	2	11.63	2325240	25.0	
(DEL) Alkane: Cyc...	11.91	57.0	ug/L	5300070	2	11.63	2325240	25.0	
(DEL) Alkane: Cyc...	11.98	46.5	ug/L	4324770	2	11.63	2325240	25.0	
(DEL) Alkane: Str...	12.06	44.2	ug/L	4111450	2	11.63	2325240	25.0	
(DEL) Alkane: Cyc...	12.13	236.1	ug/L	21959800	2	11.63	2325240	25.0	
unknown-01	12.19	20.6	ug/L	1911570	2	11.63	2325240	25.0	
(DEL) Alkane: Str...	12.26	504.4	ug/L	46910500	2	11.63	2325240	25.0	
(DEL) Alkane: Str...	12.37	703.3	ug/L	65413700	2	11.63	2325240	25.0	
(DEL) Alkane: Cyc...	12.46	29.5	ug/L	2743950	2	11.63	2325240	25.0	
unknown-02	12.51	171.7	ug/L	15965800	2	11.63	2325240	25.0	
Cyclopentene, 1-i...	12.56	20.4	ug/L	1898500	2	11.63	2325240	25.0	
(DEL) Alkane: Cyc...	12.62	18.1	ug/L	6545920	3	13.55	9032550	25.0	
(DEL) Alkane: Cyc...	12.78	115.0	ug/L	41534700	3	13.55	9032550	25.0	
(DEL) Alkane: Cyc...	12.85	69.7	ug/L	25185100	3	13.55	9032550	25.0	
(DEL) Alkane: Cyc...	12.94	194.7	ug/L	70338900	3	13.55	9032550	25.0	
Cyclopentane, 1,1...	12.99	56.4	ug/L	20389800	3	13.55	9032550	25.0	
(DEL) Alkane: Str...	13.08	47.1	ug/L	17010000	3	13.55	9032550	25.0	
(DEL) Alkane: Cyc...	13.13	39.5	ug/L	14274100	3	13.55	9032550	25.0	
(DEL) Alkane: Str...	13.17	50.0	ug/L	18065600	3	13.55	9032550	25.0	
unknown-03	13.26	21.6	ug/L	7823490	3	13.55	9032550	25.0	
(DEL) Alkane: Str...	13.29	44.8	ug/L	16179000	3	13.55	9032550	25.0	
(DEL) Alkane: Str...	13.35	72.5	ug/L	26197000	3	13.55	9032550	25.0	
(DEL) Alkane: Cyc...	13.45	164.6	ug/L	59465300	3	13.55	9032550	25.0	
p-Cymene	13.65	25.0	ug/L	9032550	3	13.55	9032550	25.0	
(DEL) Alkane: Cyc...	13.70	166.0	ug/L	59960900	3	13.55	9032550	25.0	
Sulfurous acid, c...	13.93	44.0	ug/L	15916300	3	13.55	9032550	25.0	
(DEL) Alkane: Cyc...	13.98	76.5	ug/L	27645700	3	13.55	9032550	25.0	
Benzene, 2-ethyl-...	14.10	154.5	ug/L	55818100	3	13.55	9032550	25.0	
3-Phenylbut-1-ene	14.20	144.4	ug/L	52157500	3	13.55	9032550	25.0	
unknown-04	14.27	74.2	ug/L	26814900	3	13.55	9032550	25.0	
Cyclohexene, 1-bu...	14.32	32.5	ug/L	11725800	3	13.55	9032550	25.0	
(DEL) Alkane: Cyc...	14.39	146.7	ug/L	52986800	3	13.55	9032550	25.0	

Benzene, 1-methyl...	14.50	49.0 ug/L	17721700	3	13.55	9032550	25.0
1-Methyldecahydro...	14.55	110.6 ug/L	39951500	3	13.55	9032550	25.0
unknown-05	14.74	42.1 ug/L	15220200	3	13.55	9032550	25.0
Benzene, 1,2,4,5-...	14.80	286.4 ug/L	103460000	3	13.55	9032550	25.0
Naphthalene, 1,2,...	14.96	89.7 ug/L	32424100	3	13.55	9032550	25.0
Benzene, (2-methy...	15.07	86.9 ug/L	31398400	3	13.55	9032550	25.0
1H-Indene, 2,3-di...	15.11	34.8 ug/L	12582400	3	13.55	9032550	25.0
1H-Indene, 2,3-di...	15.18	114.1 ug/L	41207500	3	13.55	9032550	25.0
(DEL) Alkane: Cyc...	15.25	116.2 ug/L	41997000	3	13.55	9032550	25.0
(DEL) Alkane: Str...	15.33	146.5 ug/L	52939000	3	13.55	9032550	25.0
Naphthalene, 1,2,...	15.42	67.3 ug/L	24300900	3	13.55	9032550	25.0
unknown-06	15.74	74.3 ug/L	26843800	3	13.55	9032550	25.0
1H-Indene, 2,3-di...	15.82	54.4 ug/L	19669600	3	13.55	9032550	25.0
Benzene, (1-methy...	15.86	96.0 ug/L	34676500	3	13.55	9032550	25.0
Naphthalene, 1,2,...	16.18	75.6 ug/L	27311600	3	13.55	9032550	25.0
Benzene, 1-(1-met...	16.37	35.5 ug/L	12822600	3	13.55	9032550	25.0
Naphthalene, 1-me...	16.64	25.2 ug/L	9115750	3	13.55	9032550	25.0

Instrument :
MSVOA_W
ClientSampleId :
BFEW0