

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071319\
 Data File : VW011236.D
 Acq On : 12 Jul 2019 13:32
 Operator : SY/VA
 Sample : K3724-16
 Misc : 5.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB8W1

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\SOM2WLM070219S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	37	41	46	rBV2	3256	6696	0.51%	0.049%
2	2.343	67	72	80	rVB	84180	142417	10.75%	1.036%
3	2.879	153	160	176	rVB	52713	136360	10.30%	0.992%
4	3.532	264	267	269	rBV3	1006	1029	0.08%	0.007%
5	3.660	284	288	289	rBV3	883	856	0.06%	0.006%
6	3.678	289	291	292	rVV2	839	731	0.06%	0.005%
7	3.849	314	319	321	rBV3	1876	2667	0.20%	0.019%
8	4.013	334	346	359	rBV	136731	449461	33.94%	3.269%
9	4.123	360	364	375	rVB2	10942	30761	2.32%	0.224%
10	4.281	387	390	394	rVB4	607	854	0.06%	0.006%
11	4.385	399	407	420	rBV2	4566	13813	1.04%	0.100%
12	4.909	481	493	504	rBV3	9077	33429	2.52%	0.243%
13	5.226	544	545	549	rBV3	714	814	0.06%	0.006%
14	5.921	652	659	661	rBV4	2189	4176	0.32%	0.030%
15	6.415	733	740	742	rBV6	392	828	0.06%	0.006%
16	6.885	812	817	818	rBV2	649	812	0.06%	0.006%
17	7.074	839	848	858	rBV	46595	133116	10.05%	0.968%
18	7.293	881	884	889	rVV4	568	728	0.05%	0.005%
19	7.525	919	922	926	rBV4	509	767	0.06%	0.006%
20	7.647	932	942	955	rBV	219017	556727	42.03%	4.049%
21	7.939	986	990	998	rVB8	1250	2783	0.21%	0.020%
22	8.147	1019	1024	1025	rBV3	543	782	0.06%	0.006%
23	8.275	1034	1045	1060	rBV2	461296	1324467	100.00%	9.633%
24	8.695	1107	1114	1122	rBV5	2304	5617	0.42%	0.041%
25	8.842	1129	1138	1151	rBV	469288	926043	69.92%	6.735%
26	9.079	1166	1177	1184	rBV10	3388	8490	0.64%	0.062%
27	9.274	1198	1209	1217	rBV	319302	648847	48.99%	4.719%
28	9.512	1244	1248	1253	rVB5	1586	3137	0.24%	0.023%
29	9.646	1257	1270	1278	rVV2	16412	38142	2.88%	0.277%
30	9.750	1283	1287	1291	rVB6	1441	2660	0.20%	0.019%
31	9.896	1307	1311	1316	rBV6	1111	2593	0.20%	0.019%
32	9.957	1316	1321	1325	rBV4	4183	7702	0.58%	0.056%
33	10.036	1327	1334	1340	rVV	155667	284254	21.46%	2.067%
34	10.097	1341	1344	1348	rVB4	3369	5245	0.40%	0.038%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Title : VOC Analysis

35	10.219	1356	1364	1372	rBV6	4106	12094	0.91%	0.088%
36	10.323	1372	1381	1396	rBV	650378	1172674	88.54%	8.529%
37	10.445	1396	1401	1404	rBV3	5118	8713	0.66%	0.063%
38	10.500	1404	1410	1416	rVB4	18879	40767	3.08%	0.297%
39	10.579	1416	1423	1432	rBV	100852	180083	13.60%	1.310%
40	10.664	1432	1437	1442	rBV2	18458	31449	2.37%	0.229%
41	10.762	1447	1453	1459	rBV	28796	53110	4.01%	0.386%
42	10.847	1464	1467	1473	rVB5	7821	12956	0.98%	0.094%
43	10.927	1473	1480	1487	rBV	160727	279030	21.07%	2.029%
44	11.036	1494	1498	1500	rBV	7570	10383	0.78%	0.076%
45	11.067	1501	1503	1505	rBV3	4102	4531	0.34%	0.033%
46	11.109	1506	1510	1513	rBV3	36279	67510	5.10%	0.491%
47	11.176	1518	1521	1525	rVB2	46529	66076	4.99%	0.481%
48	11.225	1525	1529	1535	rVB2	21562	41622	3.14%	0.303%
49	11.280	1535	1538	1542	rVB3	8870	12822	0.97%	0.093%
50	11.335	1542	1547	1551	rVB2	15197	24111	1.82%	0.175%
51	11.433	1551	1563	1572	rBV3	93326	264127	19.94%	1.921%
52	11.512	1572	1576	1581	rVB2	36948	54623	4.12%	0.397%
53	11.561	1581	1584	1589	rBV5	6846	15001	1.13%	0.109%
54	11.628	1589	1595	1606	rVB	625120	1066629	80.53%	7.758%
55	11.731	1608	1612	1613	rBV3	10021	13676	1.03%	0.099%
56	11.762	1613	1617	1621	rBV	64205	101793	7.69%	0.740%
57	11.817	1621	1626	1628	rBV2	98442	166569	12.58%	1.212%
58	11.914	1639	1642	1648	rVB	95966	157399	11.88%	1.145%
59	11.975	1648	1652	1658	rBV5	6198	11057	0.83%	0.080%
60	12.054	1658	1665	1670	rVB4	11585	30146	2.28%	0.219%
61	12.134	1670	1678	1691	rBV2	170077	535824	40.46%	3.897%
62	12.298	1701	1705	1707	rBV2	33013	49409	3.73%	0.359%
63	12.341	1708	1712	1715	rBV	66743	112287	8.48%	0.817%
64	12.384	1715	1719	1723	rVV	91799	146810	11.08%	1.068%
65	12.609	1752	1756	1760	rBV3	31784	54094	4.08%	0.393%
66	12.695	1765	1770	1776	rVB	240532	404897	30.57%	2.945%
67	12.786	1781	1785	1791	rVB2	81114	140310	10.59%	1.021%
68	12.859	1791	1797	1800	rBV3	34333	72292	5.46%	0.526%
69	12.932	1801	1809	1815	rVV4	182205	394347	29.77%	2.868%
70	12.993	1815	1819	1823	rVB2	46648	70823	5.35%	0.515%
71	13.176	1837	1849	1856	rVB3	123811	297077	22.43%	2.161%

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72	13.377	1879	1882	1886	rBV3	26755	42787	3.23%	0.311%
73	13.444	1887	1893	1897	rVV3	54317	118502	8.95%	0.862%
74	13.560	1906	1912	1919	rVB	624565	1004394	75.83%	7.305%
75	13.627	1919	1923	1926	rVV4	19562	31382	2.37%	0.228%
76	13.688	1927	1933	1939	rVV3	52071	122539	9.25%	0.891%
77	13.749	1939	1943	1949	rVB3	25739	43048	3.25%	0.313%
78	13.853	1952	1960	1976	rVV	515921	1115269	84.21%	8.112%
79	13.981	1976	1981	1985	rVB4	15495	27556	2.08%	0.200%
80	14.072	1993	1996	2002	rVB2	15012	23949	1.81%	0.174%
81	14.213	2013	2019	2024	rBV9	8887	25686	1.94%	0.187%
82	14.261	2024	2027	2032	rVV4	10812	18602	1.40%	0.135%
83	14.328	2033	2038	2043	rVV2	44310	70941	5.36%	0.516%
84	14.389	2044	2048	2051	rBV3	16203	22227	1.68%	0.162%
85	14.554	2072	2075	2079	rVB3	6000	8072	0.61%	0.059%
86	14.609	2079	2084	2092	rVB8	7232	17550	1.33%	0.128%
87	14.749	2100	2107	2112	rVB9	7687	18431	1.39%	0.134%
88	14.810	2112	2117	2123	rBV8	4530	9788	0.74%	0.071%
89	14.920	2133	2135	2139	rBV5	1124	1870	0.14%	0.014%
90	15.072	2157	2160	2165	rVB6	2274	2880	0.22%	0.021%
91	15.182	2175	2178	2182	rVB5	4279	5517	0.42%	0.040%
92	15.371	2203	2209	2215	rBV	16831	30622	2.31%	0.223%
93	15.444	2217	2221	2226	rVB3	9715	15305	1.16%	0.111%
94	15.554	2235	2239	2245	rVB8	2439	4548	0.34%	0.033%
95	15.645	2252	2254	2257	rBV4	607	868	0.07%	0.006%
96	15.810	2277	2281	2286	rVB6	1424	2632	0.20%	0.019%
97	16.115	2326	2331	2333	rBV6	964	1411	0.11%	0.010%
98	16.389	2371	2376	2382	rVV8	1796	4580	0.35%	0.033%
99	16.511	2392	2396	2402	rVB6	1150	2207	0.17%	0.016%
100	16.560	2402	2404	2411	rVB6	555	816	0.06%	0.006%

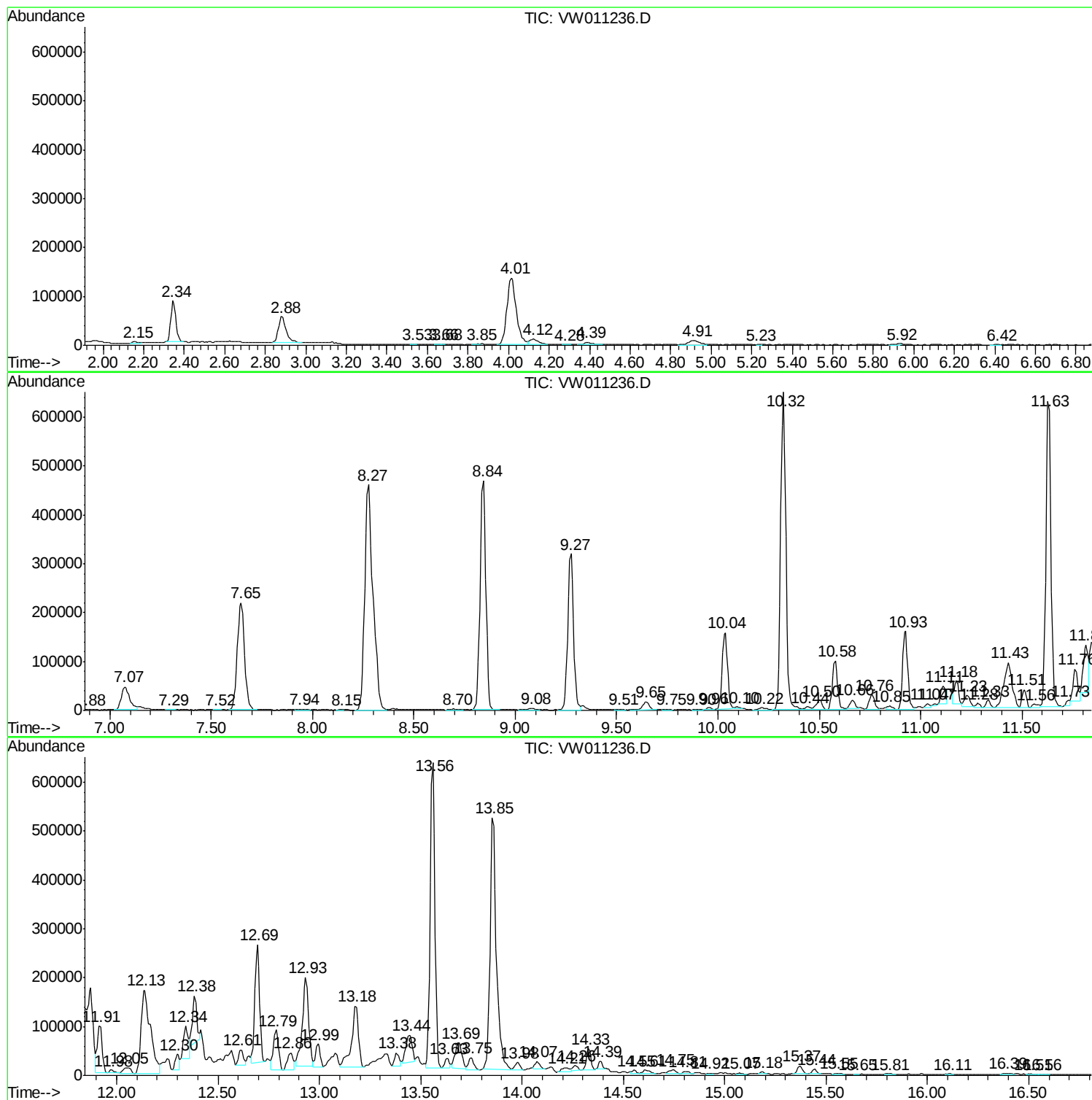
Sum of corrected areas: 13748904

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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



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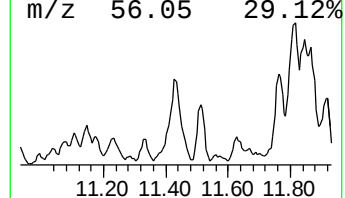
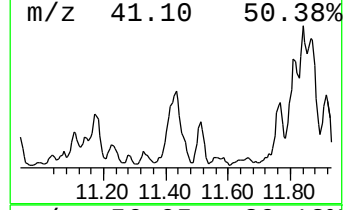
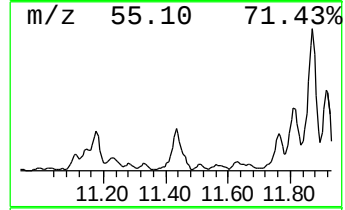
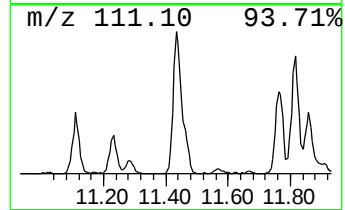
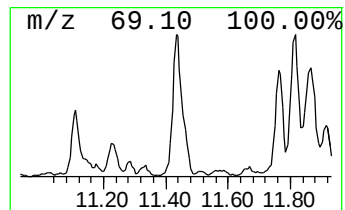
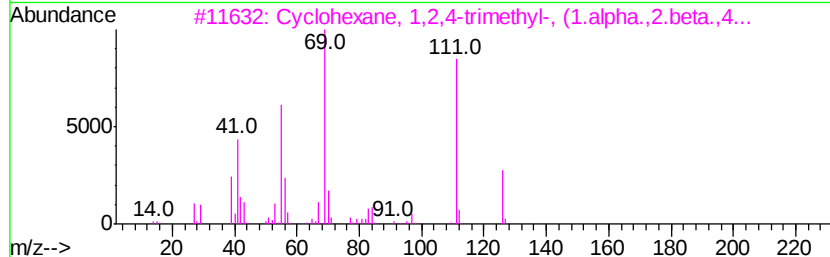
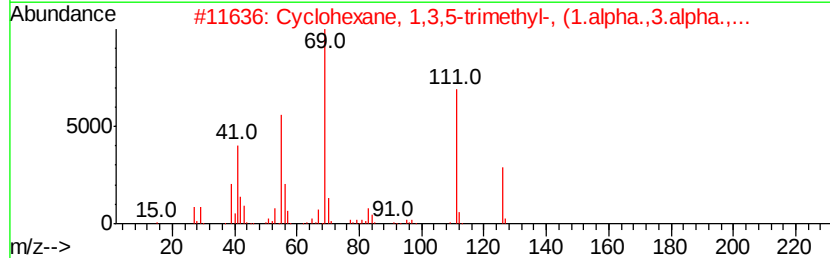
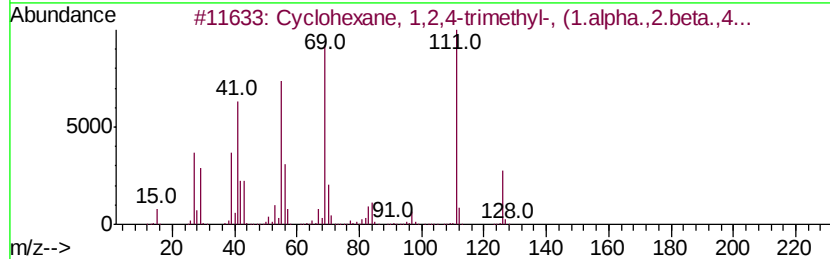
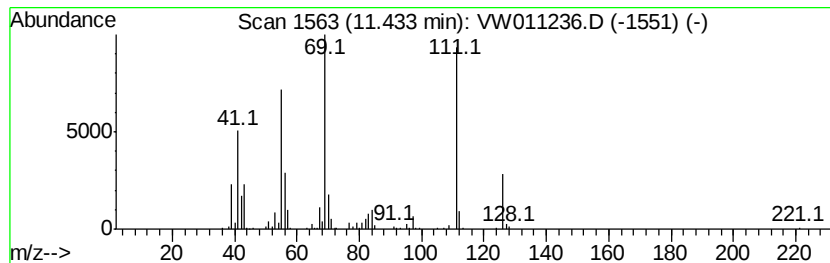
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Cyclic11.43 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.43	6.19 ug/L	264127	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	96
2	Cvclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	94
3	Cvclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	94
4	Cvclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90
5	Cvclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	90



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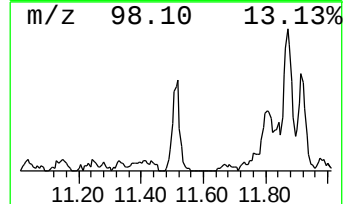
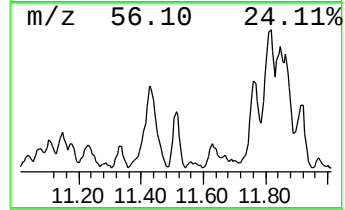
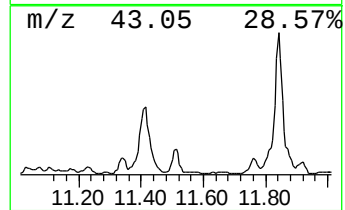
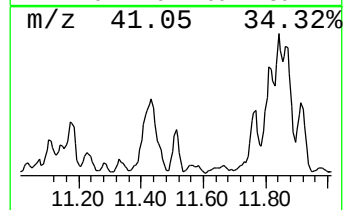
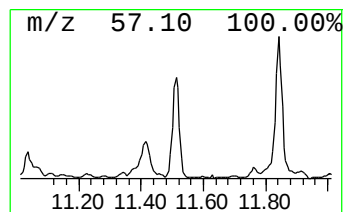
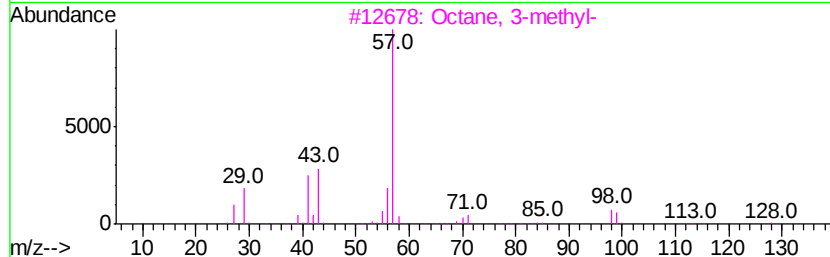
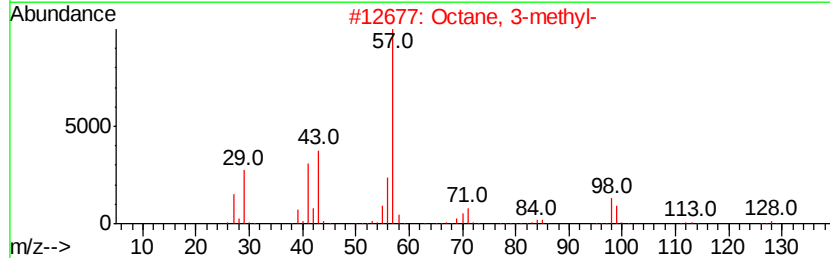
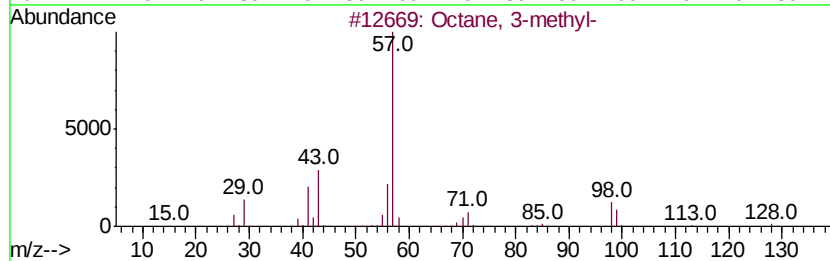
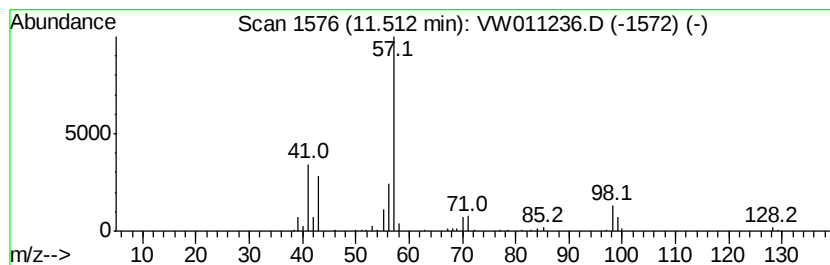
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Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	1.28 ug/L	54623	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3-methyl-	128	C9H20	002216-33-3	90
2			Octane, 3-methyl-	128	C9H20	002216-33-3	83
3			Octane, 3-methyl-	128	C9H20	002216-33-3	64
4			Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	53
5			Undecane, 6-methyl-	170	C12H26	017302-33-9	53



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Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

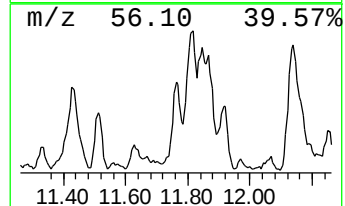
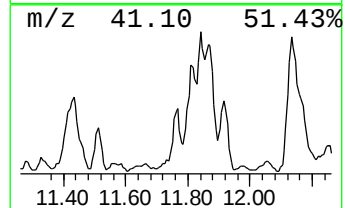
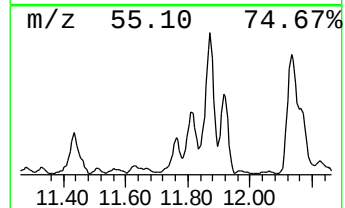
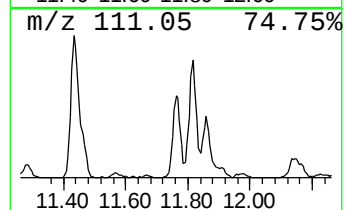
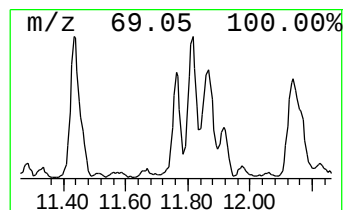
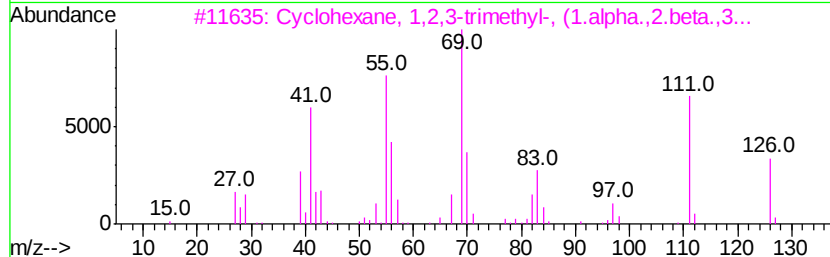
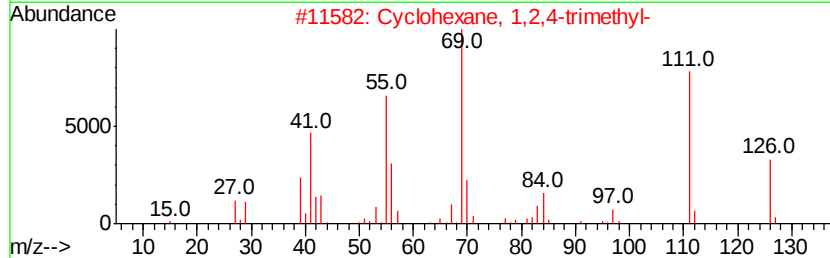
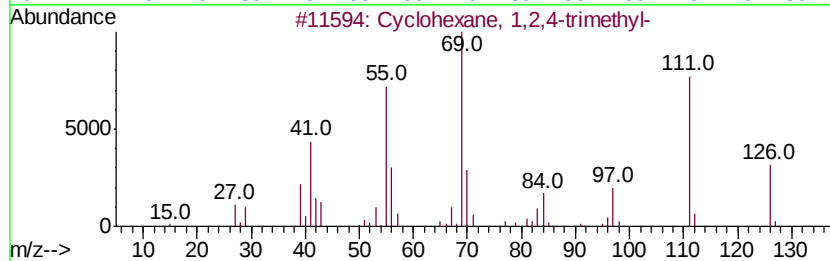
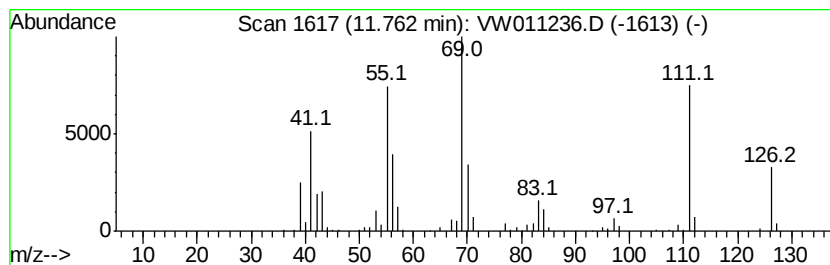
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Cyclic11.76 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.76	2.39 ug/L	101793	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	91
2		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	91
3		Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	91
4		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	90
5		Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071319\
Data File : VW011236.D
Acq On : 12 Jul 2019 13:32
Operator : SY/VA
Sample : K3724-16
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8W1

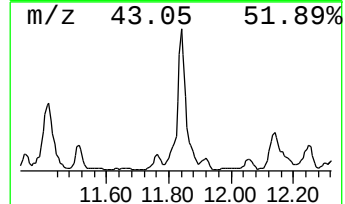
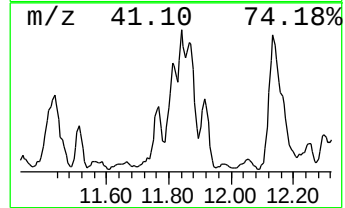
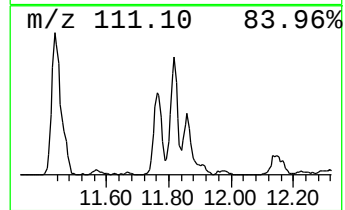
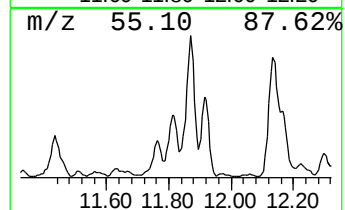
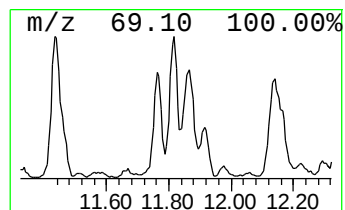
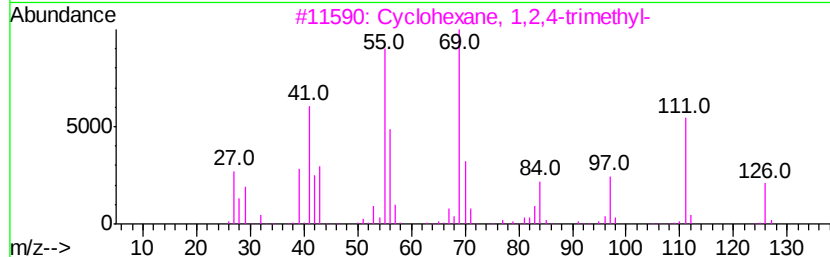
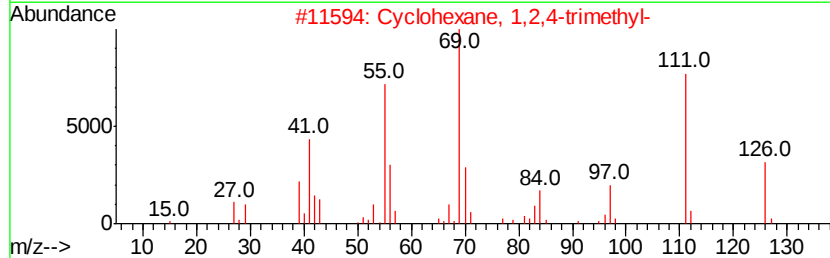
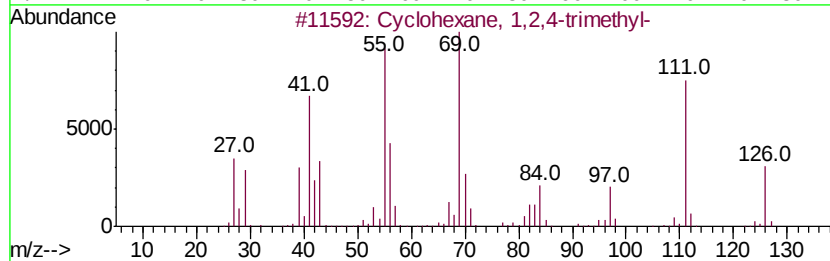
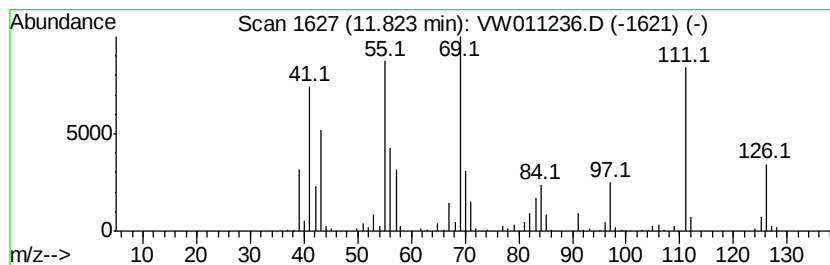
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Cyclic11.82 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	3.90 ug/L	166569	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	94
2		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	81
3		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	68
4		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	62
5		Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	55



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071319\
Data File : VW011236.D
Acq On : 12 Jul 2019 13:32
Operator : SY/VA
Sample : K3724-16
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8W1

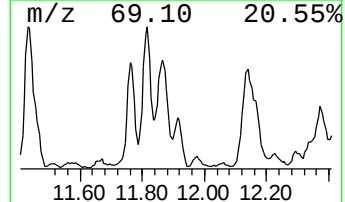
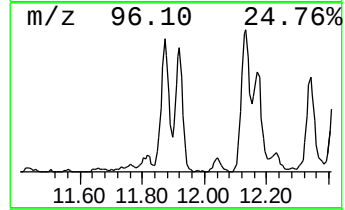
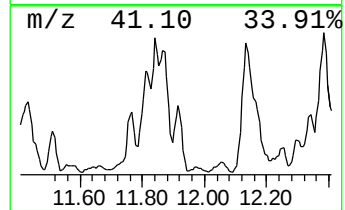
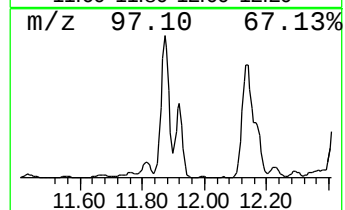
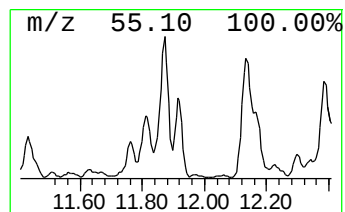
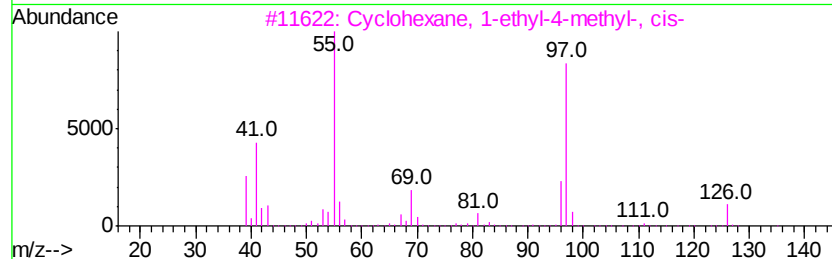
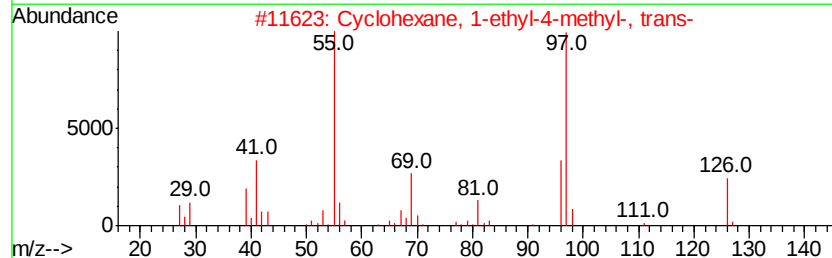
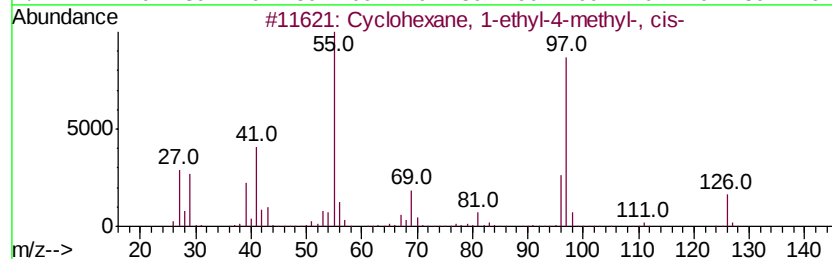
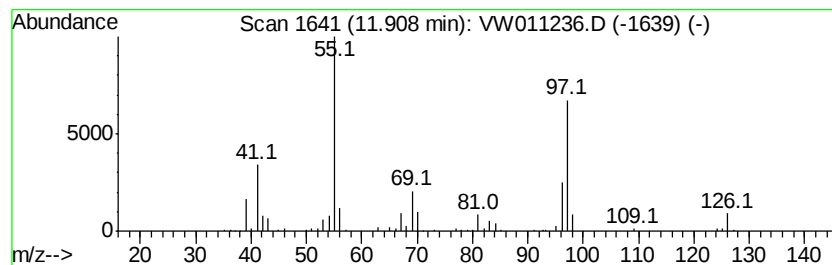
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Cyclic11.91 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	3.69 ug/L	157399	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	91
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	90
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	87
4		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	83
5		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071319\
Data File : VW011236.D
Acq On : 12 Jul 2019 13:32
Operator : SY/VA
Sample : K3724-16
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8W1

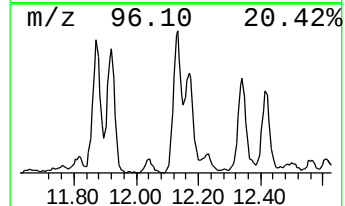
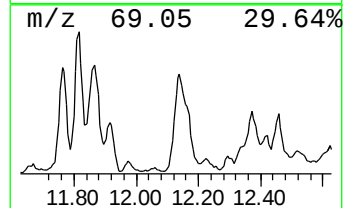
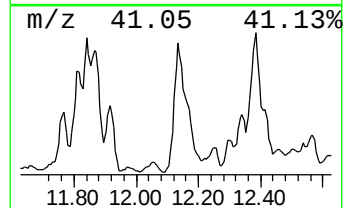
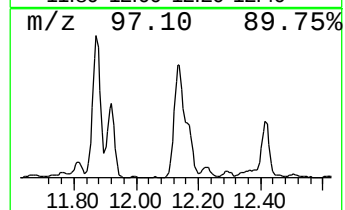
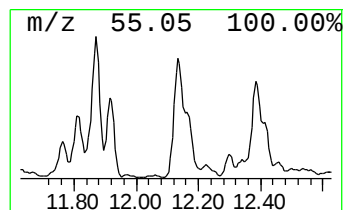
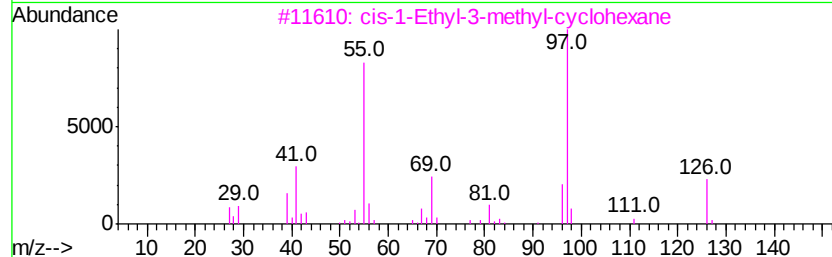
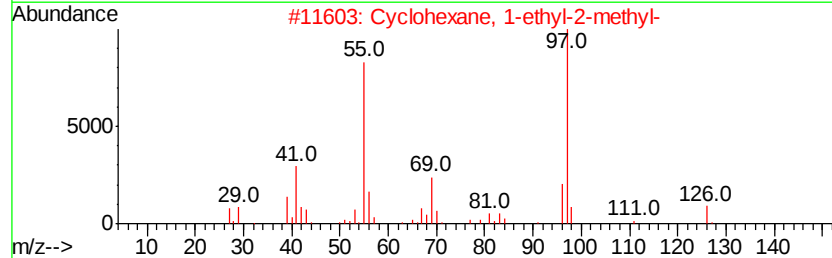
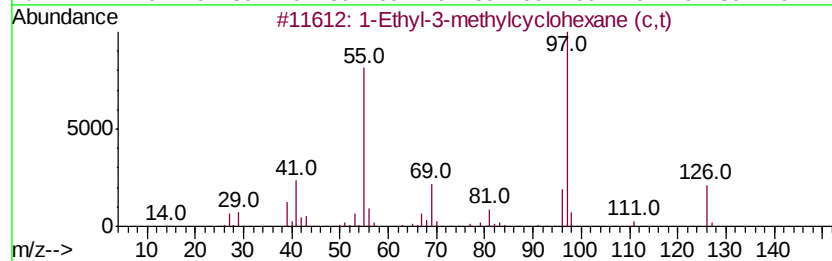
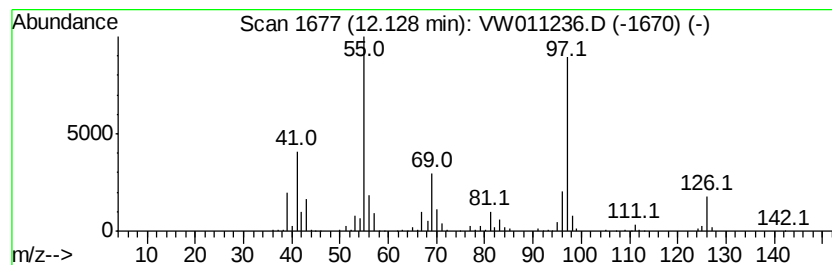
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Cyclic12.13 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	12.56 ug/L	535824	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	87
2		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	86
3		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	83
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	80
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	74



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071319\
Data File : VW011236.D
Acq On : 12 Jul 2019 13:32
Operator : SY/VA
Sample : K3724-16
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8W1

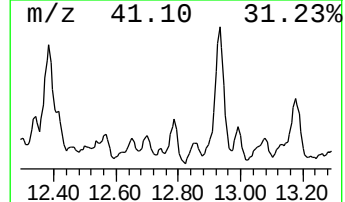
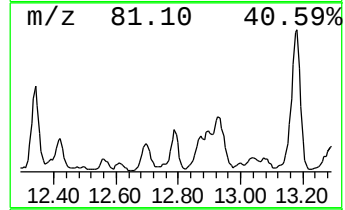
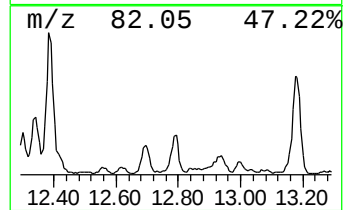
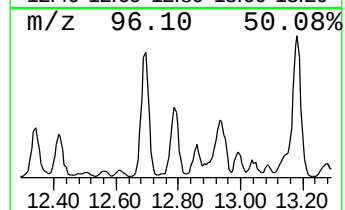
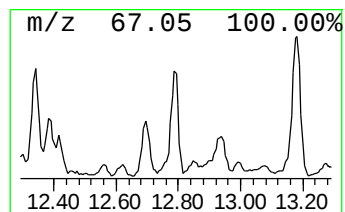
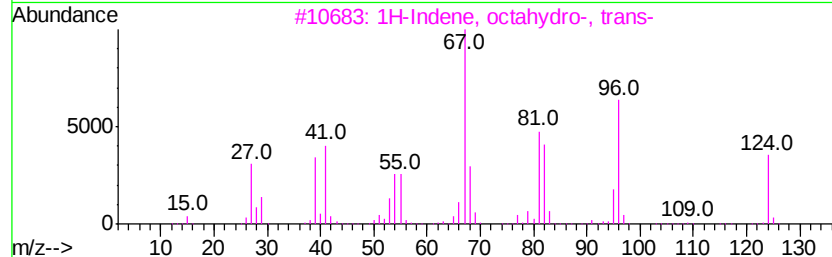
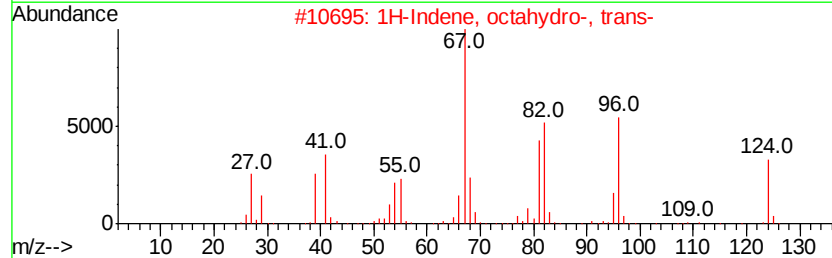
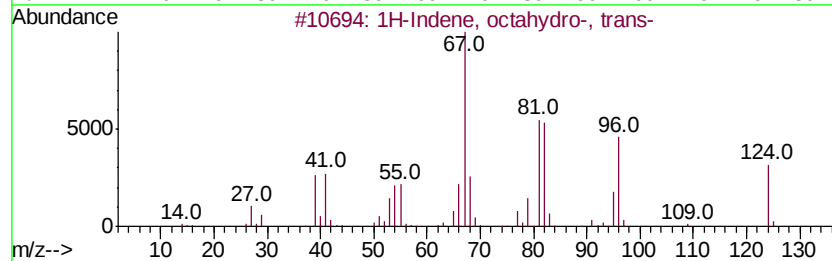
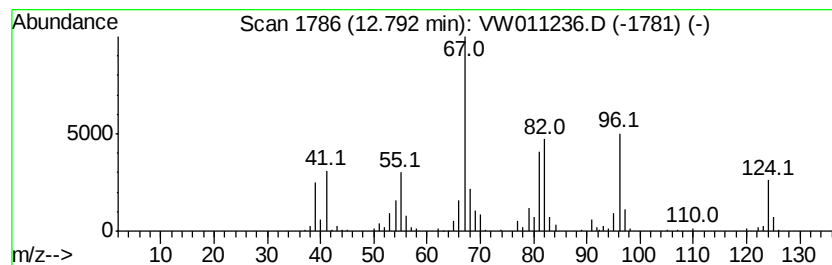
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Quant Title : VOC Analysis

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

Peak Number 9 1H-Indene, octahydro-, trans- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	3.49 ug/L	140310	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	93
2		1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	90
3		1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	58
4		1-Ethylcyclopentene	96	C7H12	002146-38-5	49
5		2-Ethylidenecyclohexanone	124	C8H12O	001122-24-3	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071319\
Data File : VW011236.D
Acq On : 12 Jul 2019 13:32
Operator : SY/VA
Sample : K3724-16
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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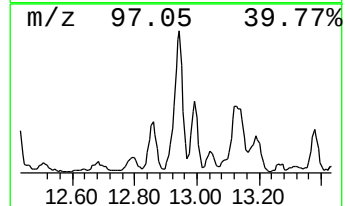
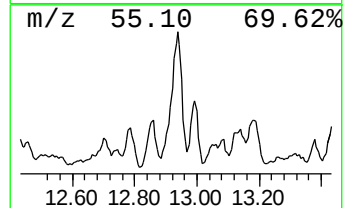
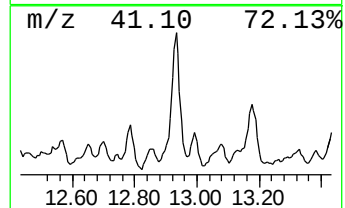
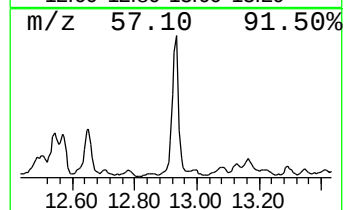
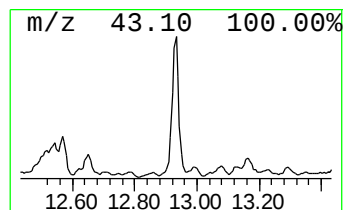
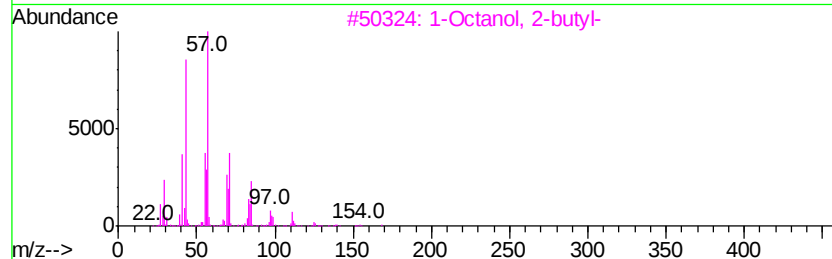
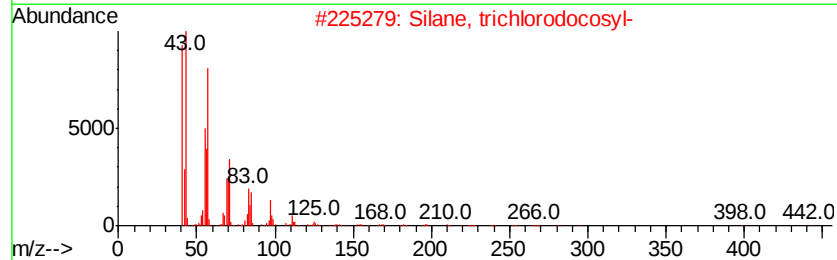
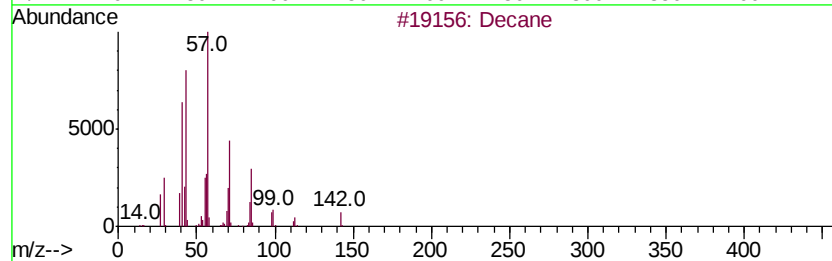
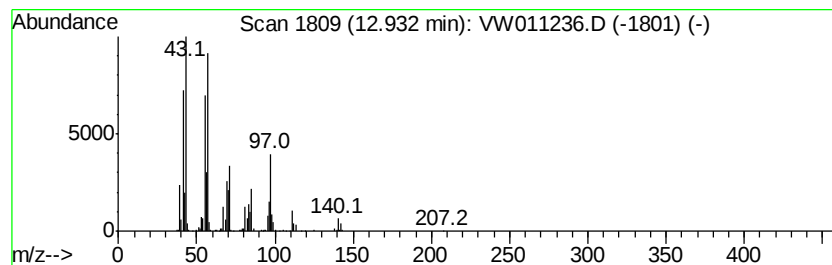
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	9.82 ug/L	394347	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	64
2		Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	52
3		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	52
4		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	52
5		Oxalic acid, cyclobutyl undecyl ...	298	C17H30O4	1000309-70-2	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071319\
Data File : VW011236.D
Acq On : 12 Jul 2019 13:32
Operator : SY/VA
Sample : K3724-16
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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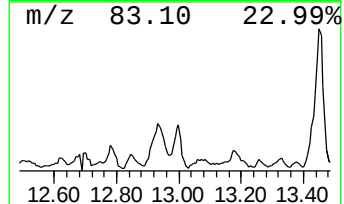
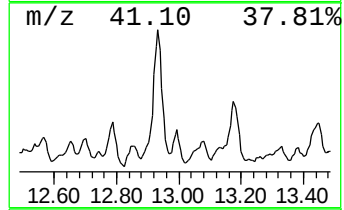
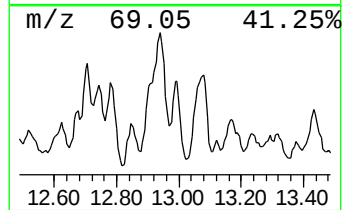
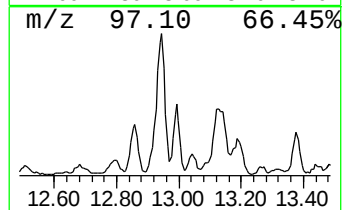
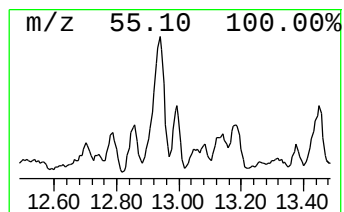
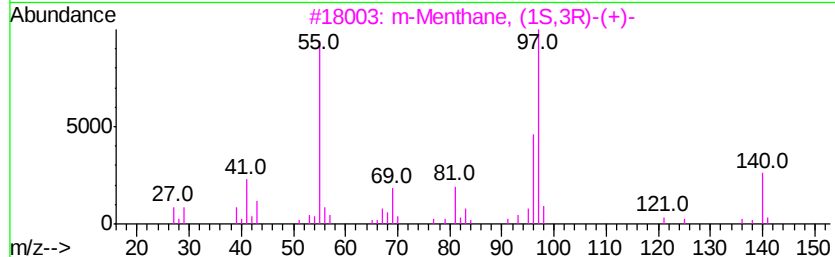
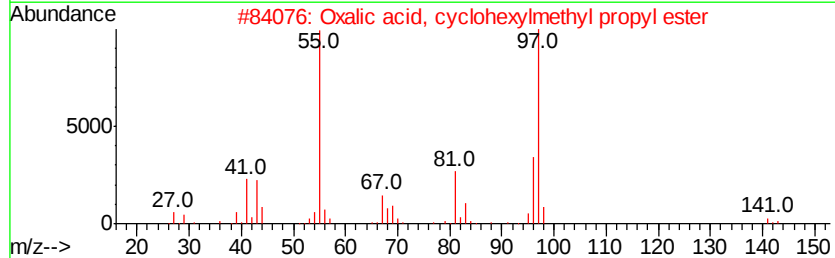
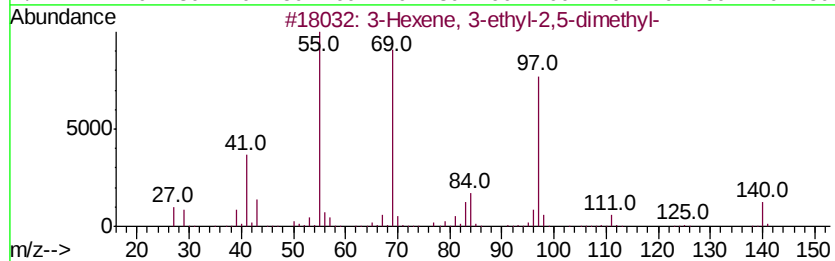
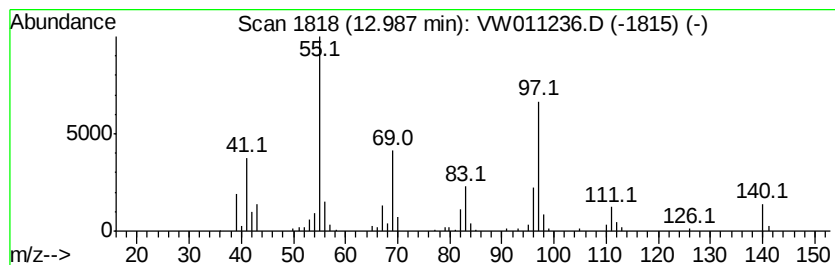
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Cyclic12.99 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	1.76 ug/L	70823	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	64
2			Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1000309-68-1	59
3			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	58
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	58
5			Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071319\
Data File : VW011236.D
Acq On : 12 Jul 2019 13:32
Operator : SY/VA
Sample : K3724-16
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8W1

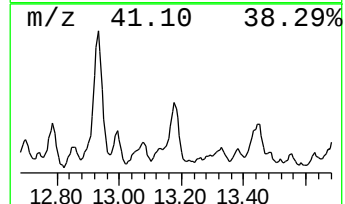
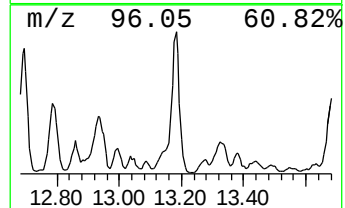
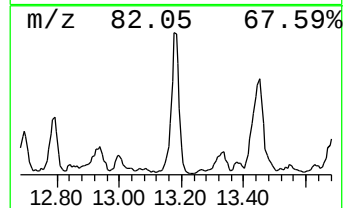
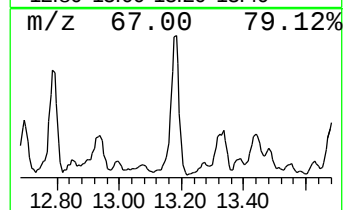
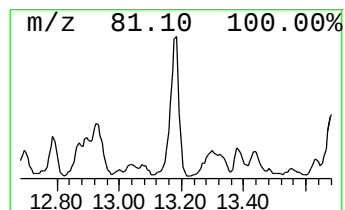
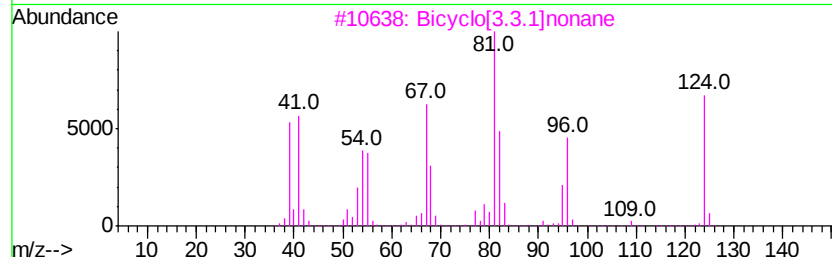
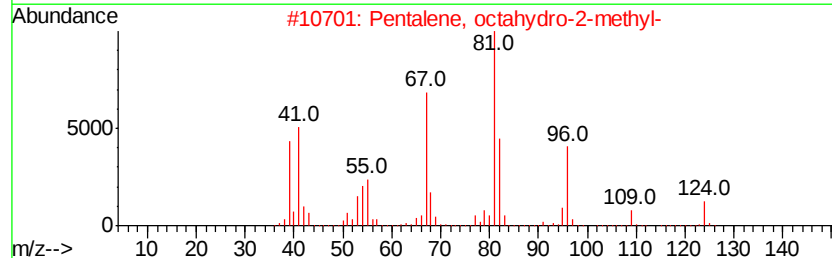
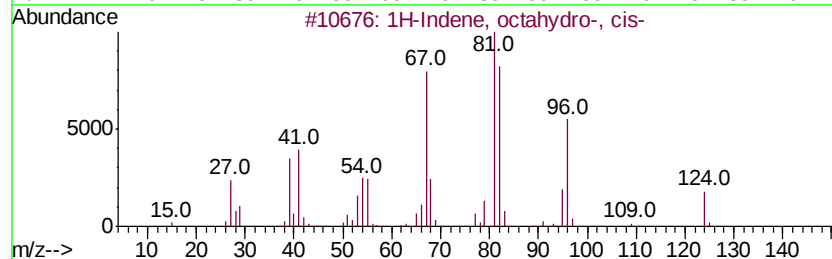
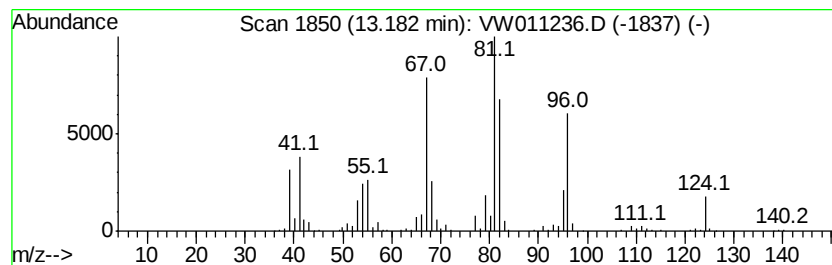
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Quant Title : VOC Analysis

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

Peak Number 13 1H-Indene, octahydro-, cis- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	7.39 ug/L	297077	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	96
2		Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	91
3		Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	76
4		1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	76
5		3-Heptyne	96	C7H12	002586-89-2	74



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071319\
Data File : VW011236.D
Acq On : 12 Jul 2019 13:32
Operator : SY/VA
Sample : K3724-16
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8W1

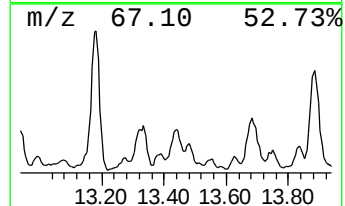
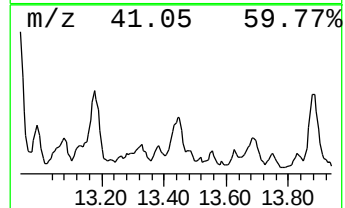
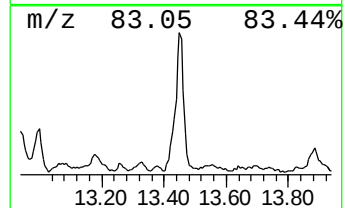
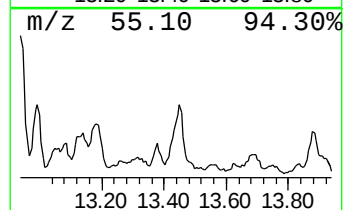
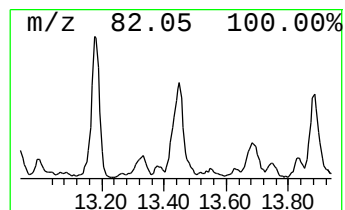
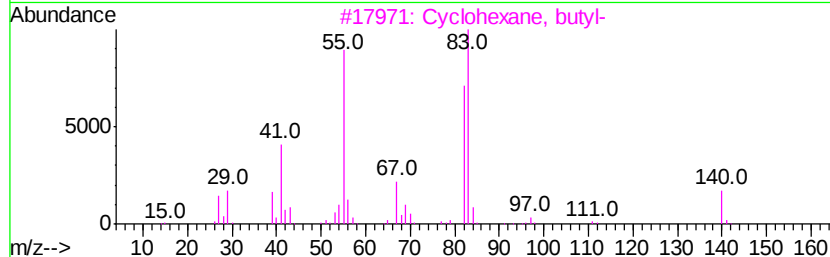
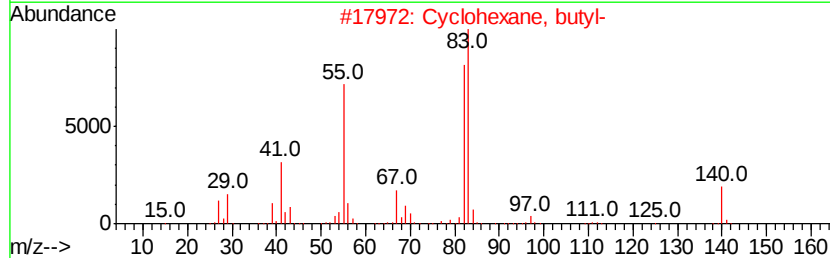
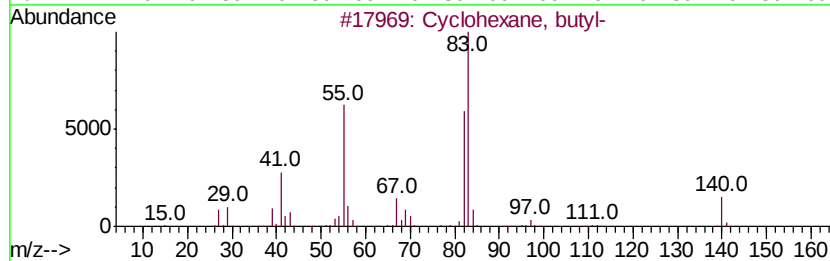
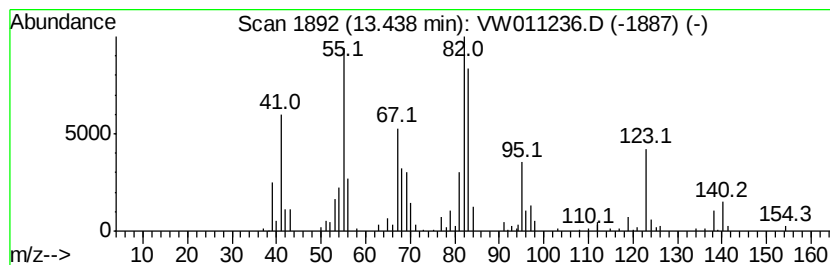
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Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Cyclic13.44 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	2.95 ug/L	118502	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	81
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	74
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	72
4		1H-Pyrrole, 2,3-dihydro-1-methyl-	83	C5H9N	033838-11-8	64
5		Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071319\
Data File : VW011236.D
Acq On : 12 Jul 2019 13:32
Operator : SY/VA
Sample : K3724-16
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8W1

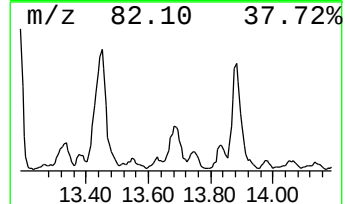
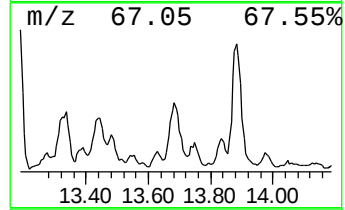
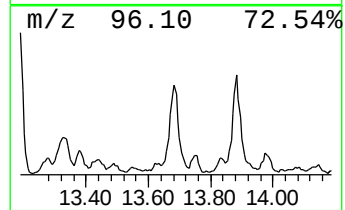
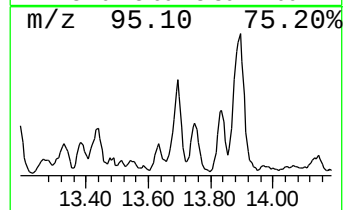
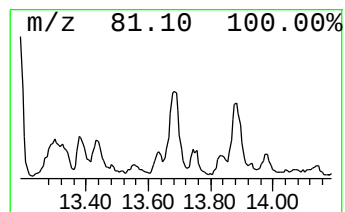
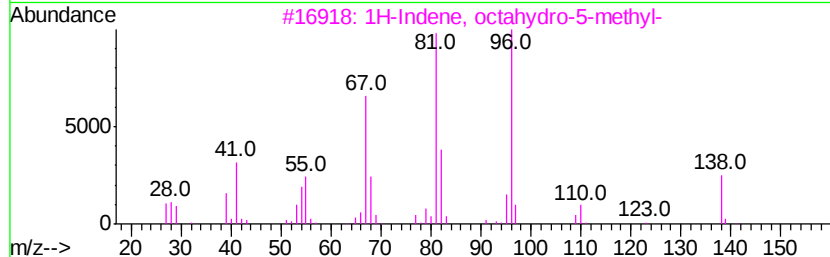
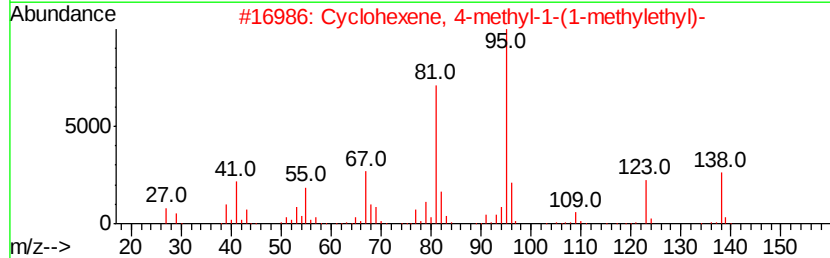
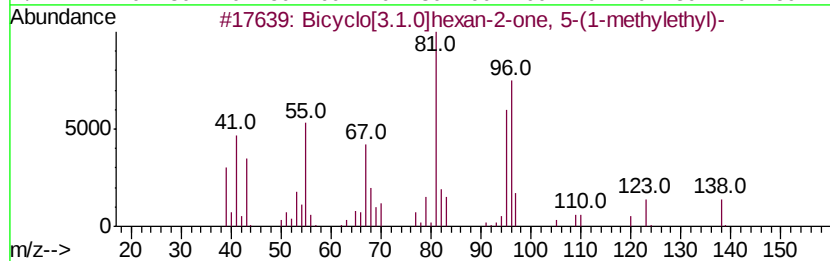
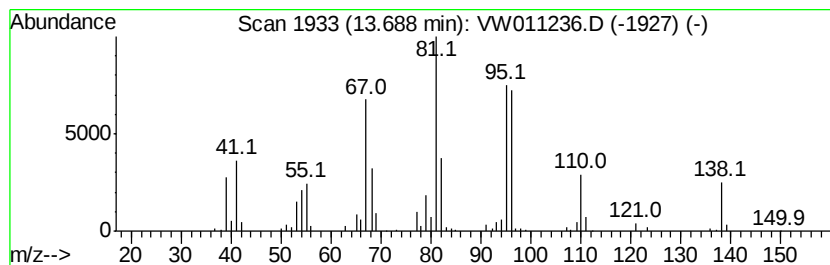
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Quant Title : VOC Analysis

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

Peak Number 15 Bicyclo[3.1.0]hexan-2-one, ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	3.05 ug/L	122539	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	83
2		Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	81
3		1H-Indene, octahydro-5-methyl-	138	C10H18	019744-64-0	70
4		3-Octyne	110	C8H14	015232-76-5	70
5		Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071319\
Data File : VW011236.D
Acq On : 12 Jul 2019 13:32
Operator : SY/VA
Sample : K3724-16
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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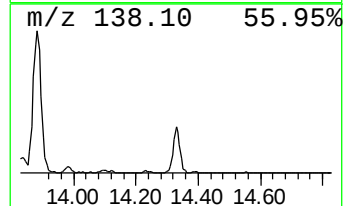
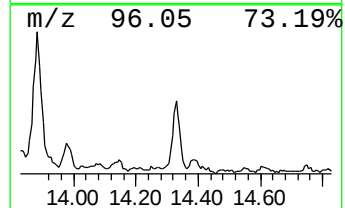
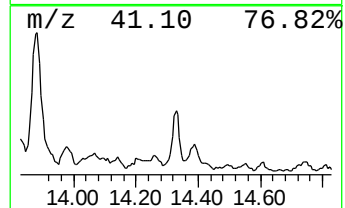
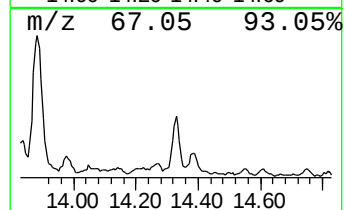
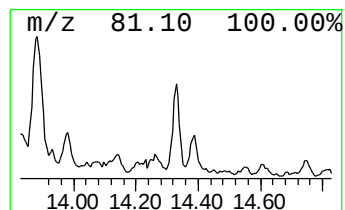
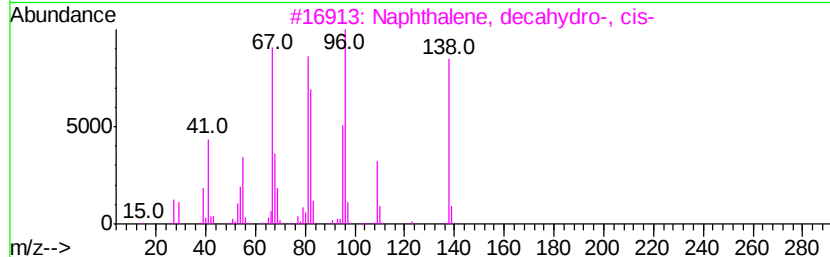
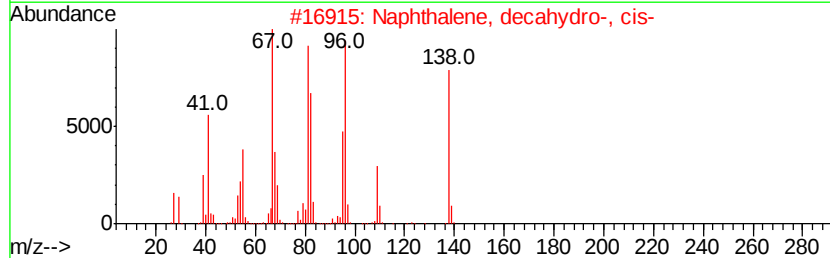
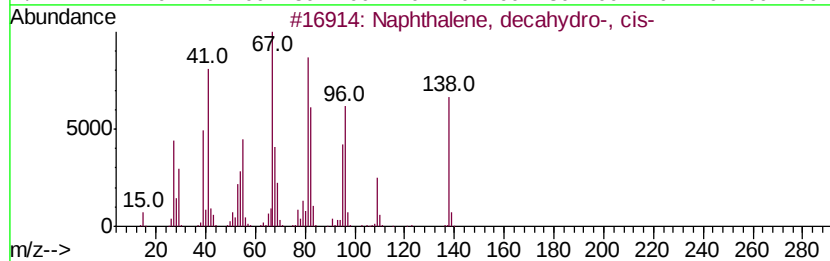
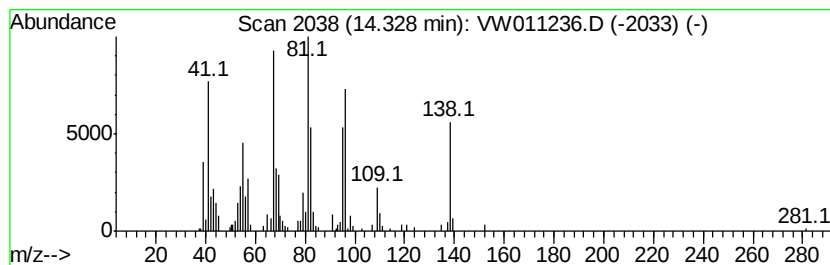
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Quant Title : VOC Analysis

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

Peak Number 16 Naphthalene, decahydro-, cis- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	1.77 ug/L	70941	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	95
2		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	94
3		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	93
4		Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	83
5		Spiro[4.5]decane	138	C10H18	000176-63-6	76



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071319\
 Data File : VW011236.D
 Acq On : 12 Jul 2019 13:32
 Operator : SY/VA
 Sample : K3724-16
 Misc : 5.09G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB8W1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	11.43	6.2	ug/L	264127	2	11.63	1066630	25.0
(DEL) Alkane: Str...	11.51	1.3	ug/L	54623	2	11.63	1066630	25.0
(DEL) Alkane: Cyc...	11.76	2.4	ug/L	101793	2	11.63	1066630	25.0
(DEL) Alkane: Cyc...	11.82	3.9	ug/L	166569	2	11.63	1066630	25.0
(DEL) Alkane: Cyc...	11.91	3.7	ug/L	157399	2	11.63	1066630	25.0
(DEL) Alkane: Cyc...	12.13	12.6	ug/L	535824	2	11.63	1066630	25.0
1H-Indene, octahy...	12.79	3.5	ug/L	140310	3	13.56	1004390	25.0
(DEL) Alkane: Cyc...	12.86	1.8	ug/L	72292	3	13.56	1004390	25.0
(DEL) Alkane: Str...	12.93	9.8	ug/L	394347	3	13.56	1004390	25.0
(DEL) Alkane: Cyc...	12.99	1.8	ug/L	70823	3	13.56	1004390	25.0
1H-Indene, octahy...	13.18	7.4	ug/L	297077	3	13.56	1004390	25.0
(DEL) Alkane: Cyc...	13.44	3.0	ug/L	118502	3	13.56	1004390	25.0
Bicyclo[3.1.0]hex...	13.69	3.0	ug/L	122539	3	13.56	1004390	25.0
Naphthalene, deca...	14.33	1.8	ug/L	70941	3	13.56	1004390	25.0