

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020320\
 Data File : VW014845.D
 Acq On : 03 Feb 2020 20:01
 Operator : SY/VA
 Sample : L1323-04
 Misc : 4.99G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT44

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\SOM2WLM020320S.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	2.160	37	42	52	rBV2	84842	189415	0.18%	0.018%
2	2.355	68	74	85	rBV	215238	415766	0.40%	0.039%
3	2.885	154	161	175	rVB	184179	463310	0.45%	0.044%
4	4.019	335	347	360	rBV	368793	1207017	1.17%	0.114%
5	4.117	360	363	371	rVV2	15841	40444	0.04%	0.004%
6	4.385	398	407	415	rBV2	9702	32042	0.03%	0.003%
7	4.781	460	472	482	rBV2	13291	43974	0.04%	0.004%
8	4.916	482	494	509	rBV2	57333	204360	0.20%	0.019%
9	5.934	652	661	673	rVB6	9301	30392	0.03%	0.003%
10	7.074	838	848	854	rBV	138332	380128	0.37%	0.036%
11	7.647	931	942	958	rVV	583600	1465655	1.42%	0.139%
12	8.275	1033	1045	1060	rBV2	1218790	3630052	3.51%	0.343%
13	8.842	1126	1138	1149	rBV	1159740	2326683	2.25%	0.220%
14	9.275	1199	1209	1217	rBV	840490	1750144	1.69%	0.165%
15	9.659	1267	1272	1278	rVB5	9028	16892	0.02%	0.002%
16	9.744	1282	1286	1298	rVB6	8318	19956	0.02%	0.002%
17	10.031	1326	1333	1342	rBV	395155	718993	0.70%	0.068%
18	10.128	1343	1349	1357	rVB	59982	123236	0.12%	0.012%
19	10.213	1357	1363	1372	rBV4	14865	36253	0.04%	0.003%
20	10.323	1372	1381	1389	rBV	1629403	2952451	2.86%	0.279%
21	10.384	1389	1391	1399	rVB3	24745	35272	0.03%	0.003%
22	10.500	1403	1410	1416	rVB4	28654	64351	0.06%	0.006%
23	10.573	1416	1422	1428	rBV	255713	456632	0.44%	0.043%
24	10.665	1432	1437	1441	rVV2	50677	93357	0.09%	0.009%
25	10.701	1441	1443	1447	rVB2	27605	35513	0.03%	0.003%
26	10.762	1447	1453	1457	rBV3	26974	52328	0.05%	0.005%
27	10.847	1463	1467	1472	rVB2	27788	47584	0.05%	0.004%
28	10.921	1472	1479	1488	rBV2	520673	966790	0.94%	0.091%
29	11.030	1492	1497	1500	rBV3	39146	68498	0.07%	0.006%
30	11.110	1505	1510	1513	rBV3	59921	100877	0.10%	0.010%
31	11.177	1513	1521	1524	rVV	187234	330061	0.32%	0.031%
32	11.225	1524	1529	1535	rVV	409915	730576	0.71%	0.069%
33	11.280	1535	1538	1541	rVV2	45076	51311	0.05%	0.005%
34	11.335	1541	1547	1551	rBV2	237086	426829	0.41%	0.040%

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 Title : VOC Analysis

35	11.433	1551	1563	1570	rVB3	418465	1234091	1.19%	0.117%
36	11.512	1570	1576	1581	rBV	357636	617033	0.60%	0.058%
37	11.628	1588	1595	1605	rBV	1507105	2697571	2.61%	0.255%
38	11.725	1605	1611	1615	rBV	800646	1403188	1.36%	0.133%
39	11.762	1615	1617	1620	rVB	228781	248495	0.24%	0.023%
40	11.811	1620	1625	1630	rBV5	281345	536642	0.52%	0.051%
41	11.872	1630	1635	1639	rBV	1020911	1701744	1.65%	0.161%
42	11.975	1647	1652	1659	rBV3	447769	1090083	1.06%	0.103%
43	12.055	1659	1665	1670	rVB3	365512	829897	0.80%	0.078%
44	12.134	1670	1678	1685	rBV3	2118445	5009790	4.85%	0.474%
45	12.250	1689	1697	1701	rVB	2790886	4845363	4.69%	0.458%
46	12.359	1701	1715	1722	rBV3	5656182	16937804	16.40%	1.601%
47	12.457	1726	1731	1735	rBV3	1201761	2598932	2.52%	0.246%
48	12.506	1736	1739	1741	rBV3	567536	734841	0.71%	0.069%
49	12.536	1741	1744	1747	rVV	1476817	1691356	1.64%	0.160%
50	12.615	1753	1757	1759	rBV3	895792	1331964	1.29%	0.126%
51	12.652	1759	1763	1766	rVV	1751339	2523845	2.44%	0.239%
52	12.695	1766	1770	1774	rVV4	2017619	3547313	3.43%	0.335%
53	12.743	1774	1778	1779	rVV3	1004895	1445564	1.40%	0.137%
54	12.780	1779	1784	1790	rVB2	5736838	10344823	10.02%	0.978%
55	12.859	1790	1797	1801	rBV3	4014430	9018894	8.73%	0.853%
56	12.939	1801	1810	1816	rVV5	8926999	23056409	22.32%	2.180%
57	12.987	1816	1818	1823	rVB2	3323003	4828028	4.67%	0.456%
58	13.042	1823	1827	1828	rBV3	1267731	1541120	1.49%	0.146%
59	13.079	1829	1833	1836	rBV	4050008	5784831	5.60%	0.547%
60	13.121	1836	1840	1843	rVV5	3354650	5832957	5.65%	0.551%
61	13.164	1843	1847	1854	rVB	17819802	28167203	27.27%	2.663%
62	13.262	1860	1863	1864	rBV2	1382450	1544952	1.50%	0.146%
63	13.292	1864	1868	1872	rVV	4147045	5942013	5.75%	0.562%
64	13.347	1873	1877	1880	rVV	4400699	6448044	6.24%	0.610%
65	13.378	1880	1882	1885	rVB2	3495355	3806441	3.69%	0.360%
66	13.445	1886	1893	1896	rBV4	10963635	23318220	22.58%	2.205%
67	13.487	1896	1900	1903	rVV	8726638	10811003	10.47%	1.022%
68	13.518	1903	1905	1908	rVB2	3728475	3633578	3.52%	0.344%
69	13.554	1908	1911	1914	rVB4	5499926	6169199	5.97%	0.583%
70	13.585	1914	1916	1919	rVB2	3689913	3808065	3.69%	0.360%
71	13.621	1919	1922	1929	rVB2	8631585	12730494	12.33%	1.204%

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72	13.695	1929	1934	1938	rBV3	6269122	11052168	10.70%	1.045%
73	13.743	1939	1942	1945	rBV4	2270660	2868609	2.78%	0.271%
74	13.786	1946	1949	1954	rBV2	5571845	8527304	8.26%	0.806%
75	13.877	1958	1964	1968	rBV	26797203	47565899	46.05%	4.497%
76	13.920	1968	1971	1974	rVB2	4545495	4977275	4.82%	0.471%
77	13.981	1978	1981	1984	rBV3	5867780	8486131	8.22%	0.802%
78	14.030	1984	1989	1993	rBV3	9466862	18158902	17.58%	1.717%
79	14.091	1997	1999	2003	rVB2	8913527	10242504	9.92%	0.968%
80	14.133	2003	2006	2012	rVB	18174792	27092233	26.23%	2.561%
81	14.201	2012	2017	2022	rBV3	13042858	23935744	23.17%	2.263%
82	14.261	2022	2027	2033	rBV6	11090662	22066620	21.36%	2.086%
83	14.353	2033	2042	2044	rBV3	22952873	51918182	50.27%	4.909%
84	14.390	2044	2048	2052	rVB3	39670848	62421471	60.44%	5.902%
85	14.432	2052	2055	2057	rBV2	11172334	13999713	13.55%	1.324%
86	14.499	2062	2066	2069	rVV5	17118554	20999766	20.33%	1.985%
87	14.548	2069	2074	2080	rVB5	31991836	52375075	50.71%	4.952%
88	14.603	2080	2083	2089	rBV3	5942702	10330837	10.00%	0.977%
89	14.737	2101	2105	2109	rBV2	11420662	18945647	18.34%	1.791%
90	14.798	2110	2115	2119	rVV3	42394543	84011951	81.34%	7.943%
91	14.847	2119	2123	2130	rVB3	55219082	103285159	100.00%	9.765%
92	14.926	2133	2136	2140	rVB4	9018926	12400684	12.01%	1.172%
93	14.975	2141	2144	2147	rBV3	8602944	10636286	10.30%	1.006%
94	15.170	2171	2176	2185	rBV5	15105416	42490586	41.14%	4.017%
95	15.328	2197	2202	2209	rVB3	34535657	61271996	59.32%	5.793%
96	15.402	2210	2214	2219	rBV5	7357614	13853216	13.41%	1.310%
97	15.633	2248	2252	2263	rVB7	7125732	25352937	24.55%	2.397%
98	15.737	2264	2269	2276	rVV6	9601302	20620348	19.96%	1.950%
99	16.170	2335	2340	2352	rVB4	6356105	18846263	18.25%	1.782%
100	16.639	2410	2417	2430	rVB5	3332756	11647606	11.28%	1.101%

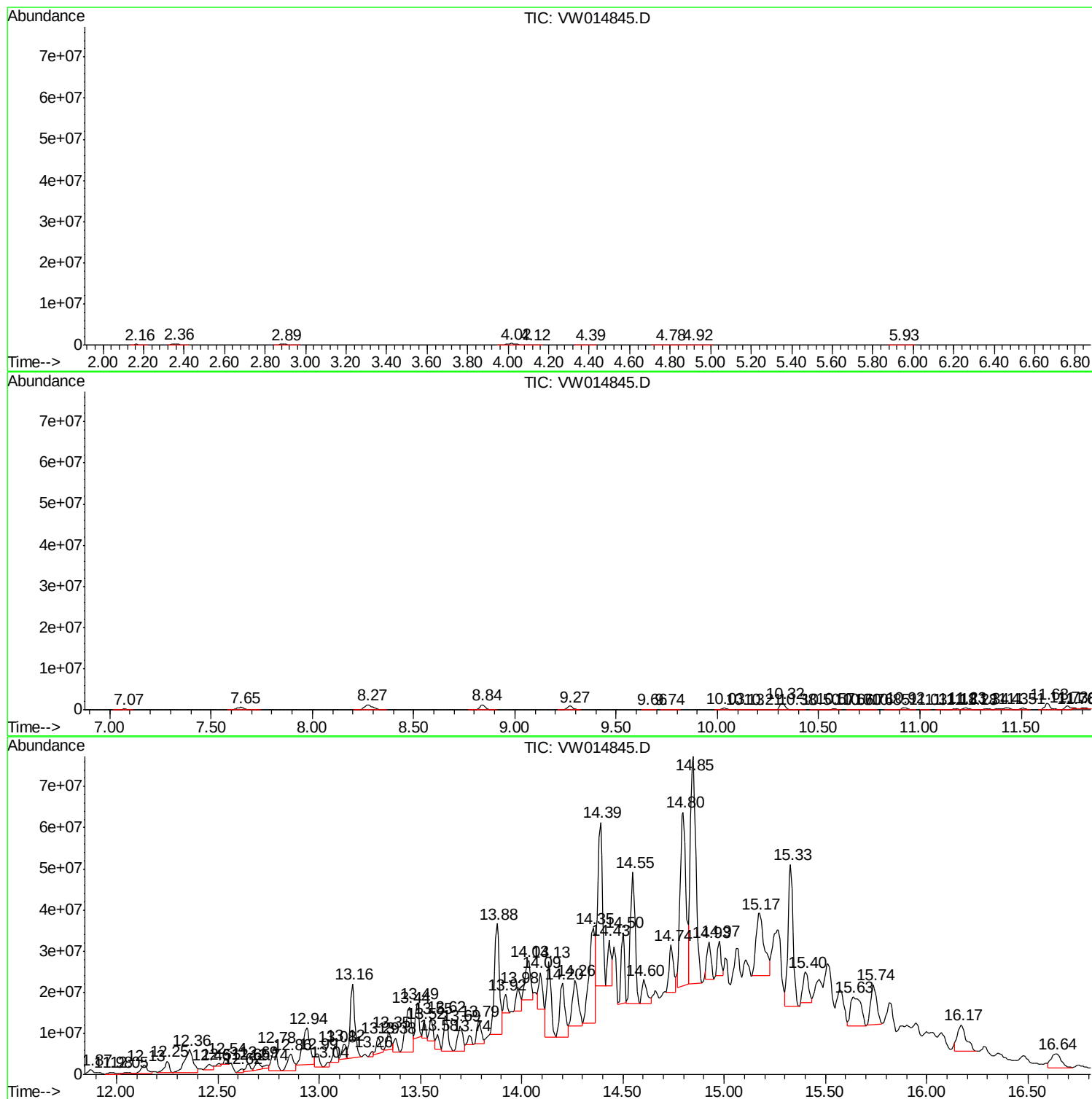
Sum of corrected areas: 1057700044

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GAT44

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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



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Instrument :
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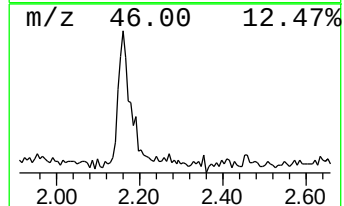
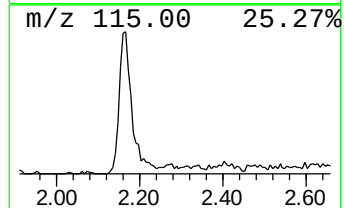
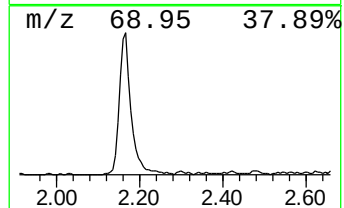
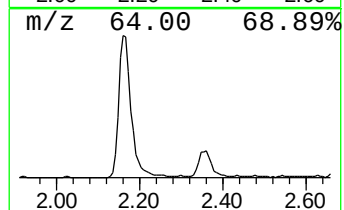
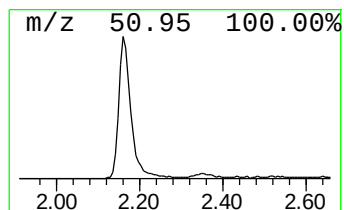
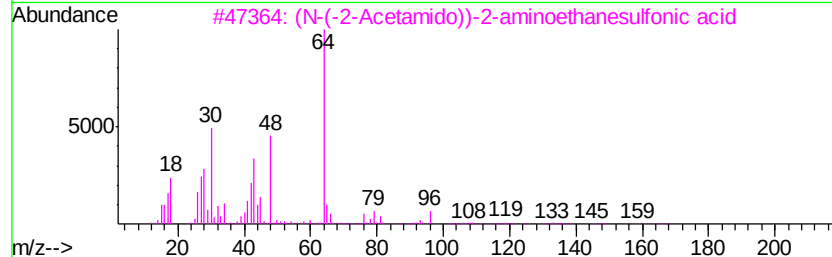
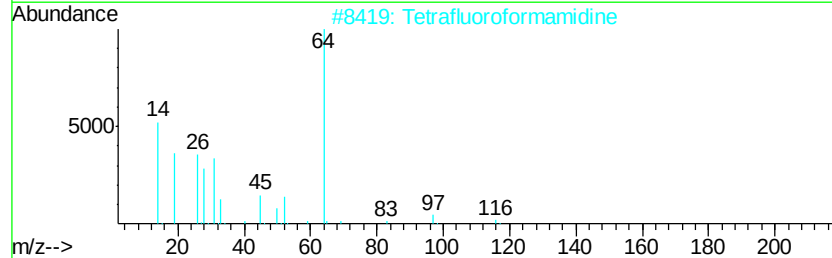
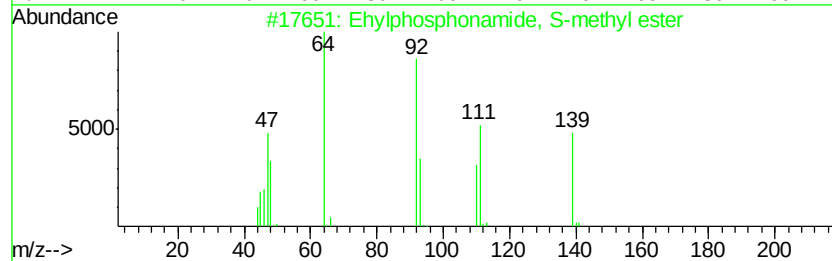
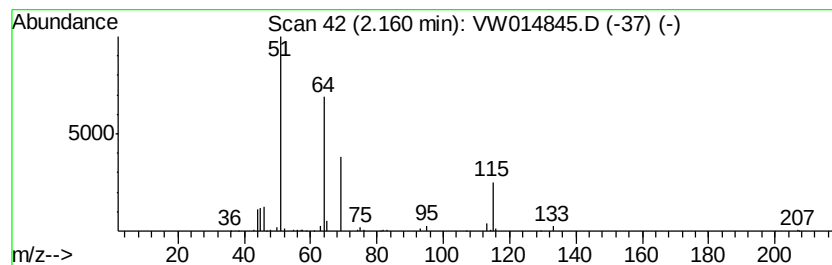
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	2.04 ug/L	189415	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ehylphosphonamide, S-methyl ester	139	C3H10NOPS	1000306-03-8	10
2		Tetrafluoroformamide	116	CF4N2	014362-70-0	9
3		(N-(-2-Acetamido))-2-aminoethane...	182	C4H10N2O4S	007365-82-4	9
4		Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5
5		Ethanol, 2-fluoro-	64	C2H5FO	000371-62-0	5



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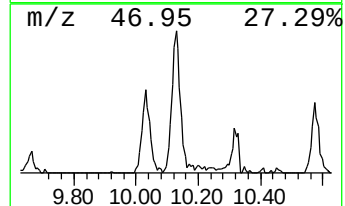
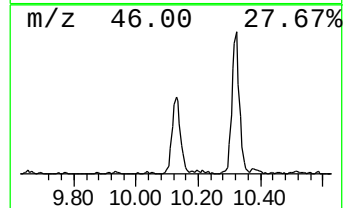
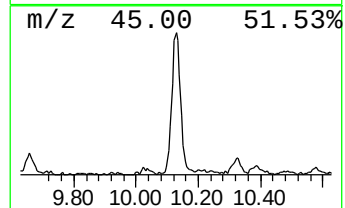
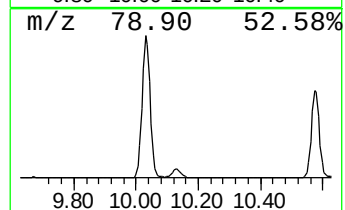
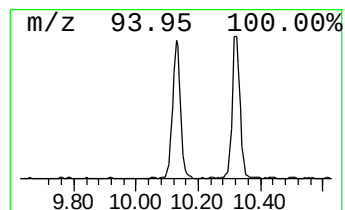
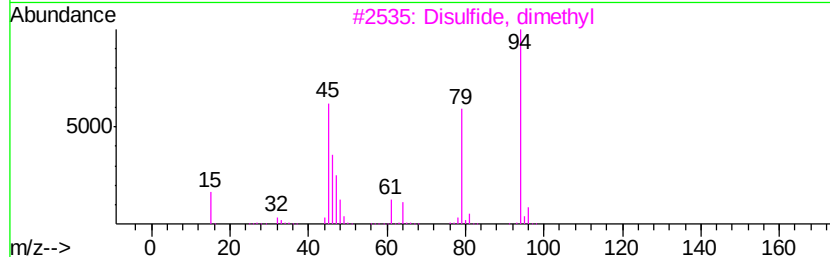
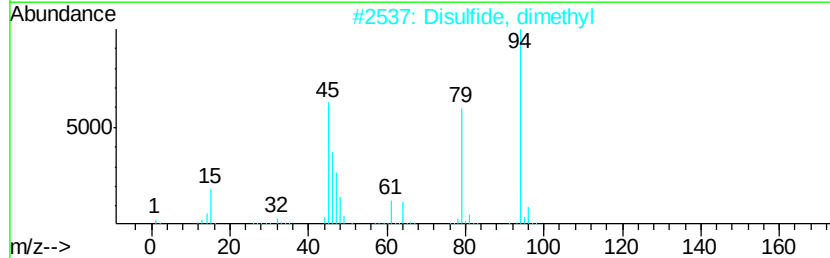
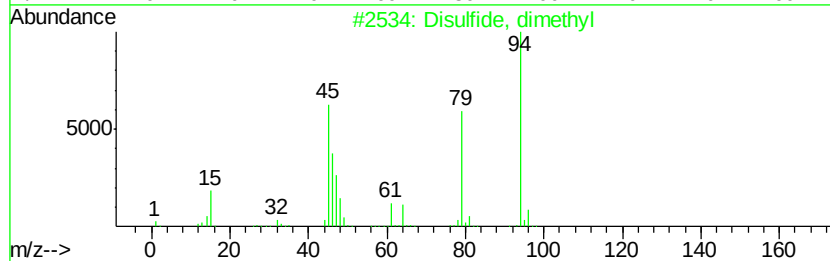
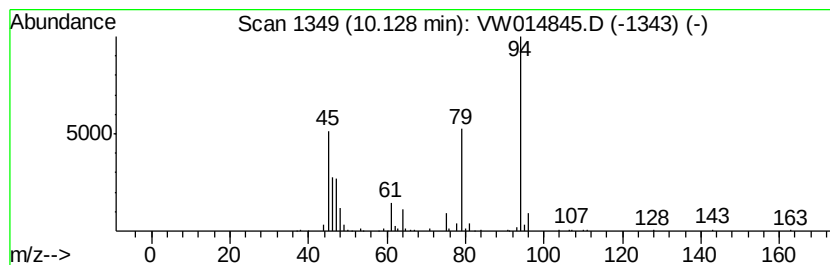
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Quant Title : VOC Analysis

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

Peak Number 3 Disulfide, dimethyl Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	1.32 ug/L	123236	1,4-Difluorobenzene	8.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Disulfide, dimethyl	94	C2H6S2	000624-92-0 97
2	Disulfide, dimethyl	94	C2H6S2	000624-92-0 95
3	Disulfide, dimethyl	94	C2H6S2	000624-92-0 94
4	Disulfide, dimethyl	94	C2H6S2	000624-92-0 94
5	Disulfide, dimethyl	94	C2H6S2	000624-92-0 94



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ALS Vial : 1 Sample Multiplier: 1

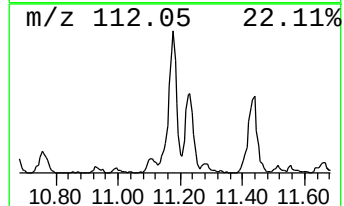
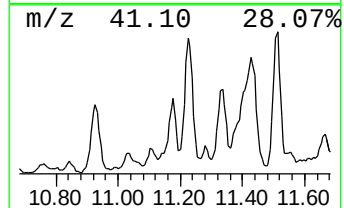
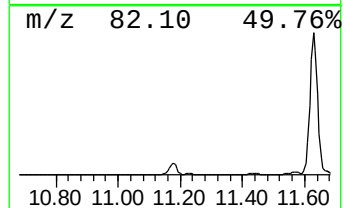
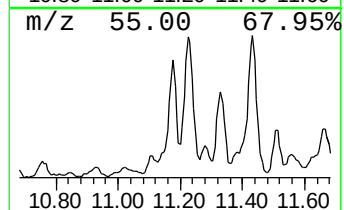
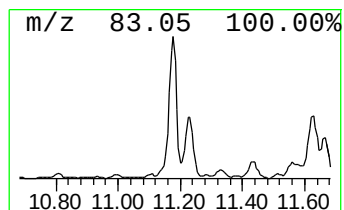
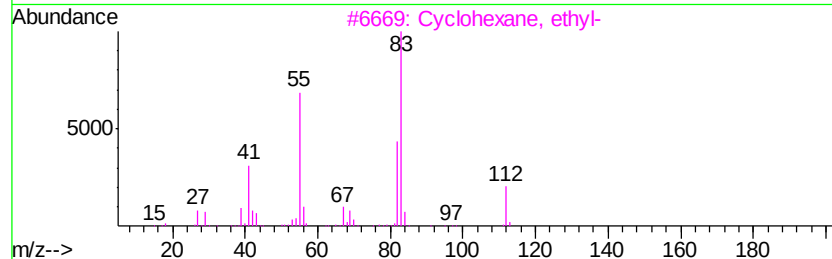
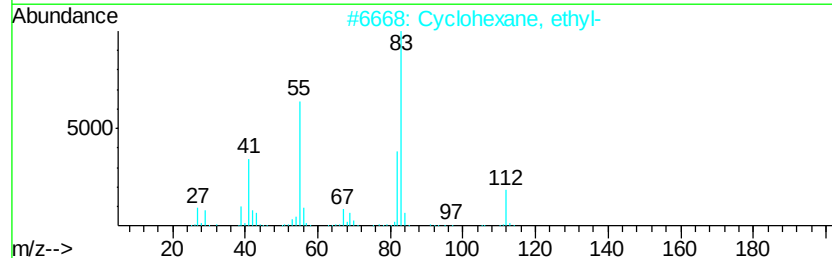
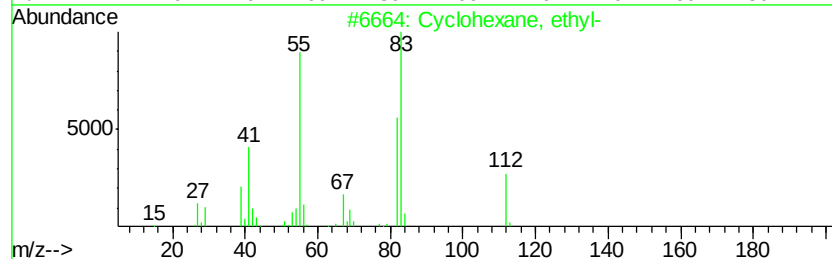
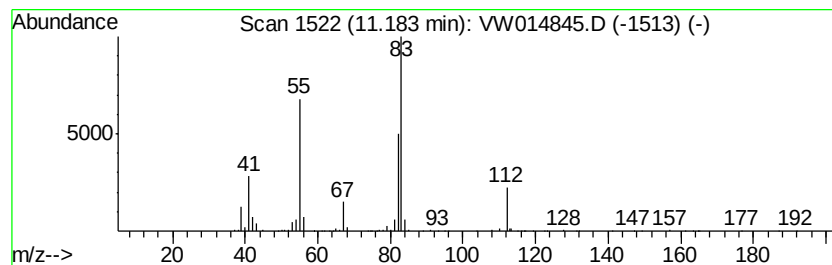
Instrument :
MSVOA_W
ClientSampled :
GAT44

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Cyclic11.18 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.18	3.06 ug/L	330061	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	94
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
5	3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

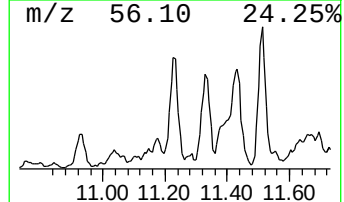
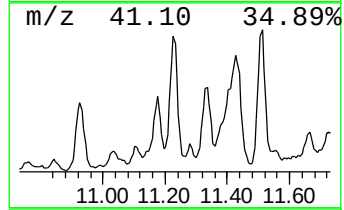
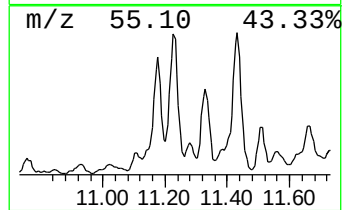
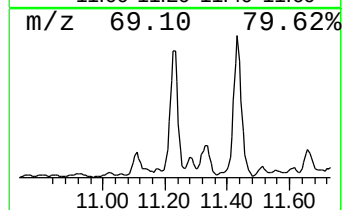
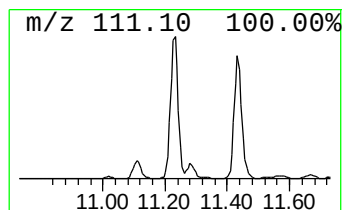
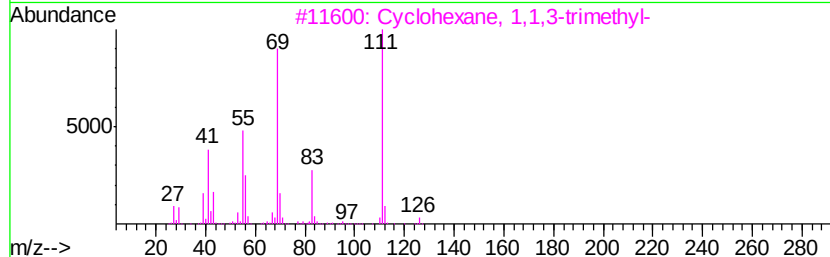
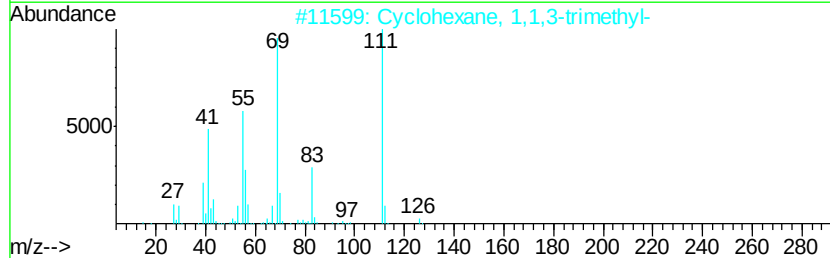
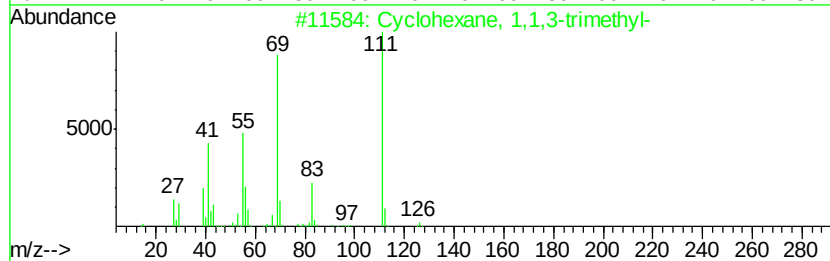
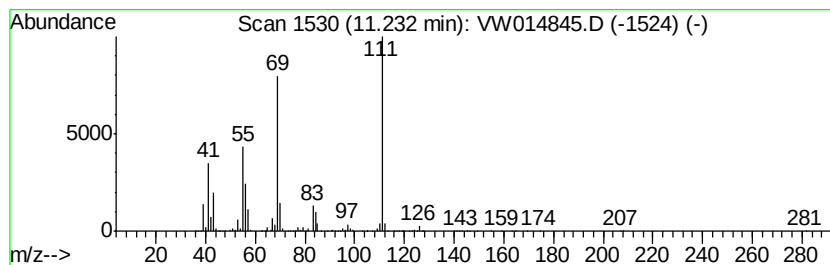
Instrument :
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ClientSampleId :
GAT44

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Cyclic11.23 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.23	6.77 ug/L	730576	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
5	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

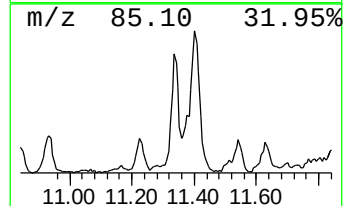
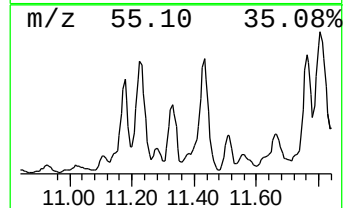
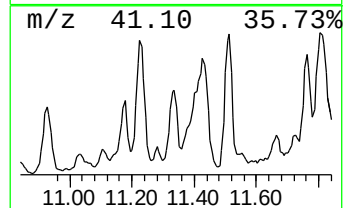
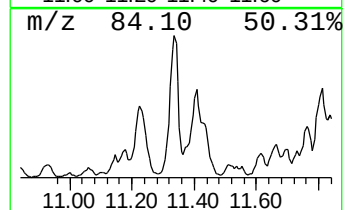
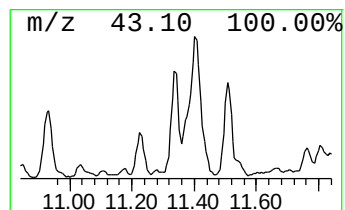
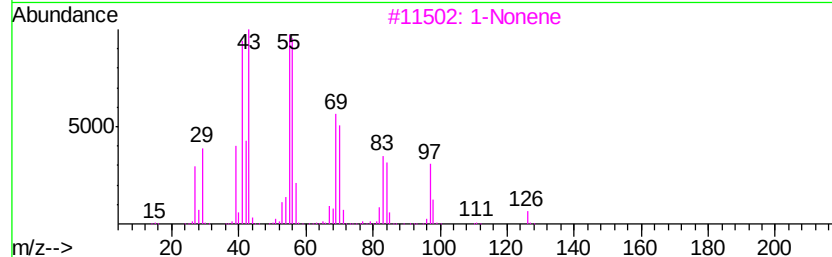
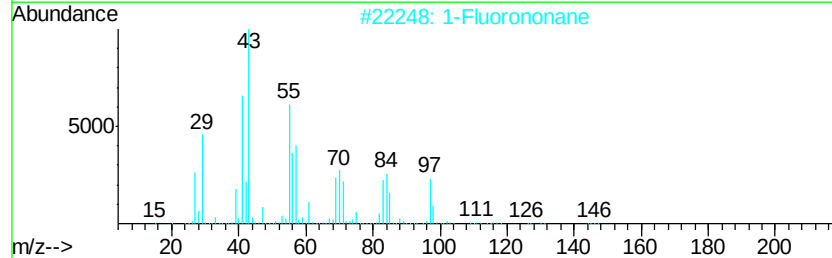
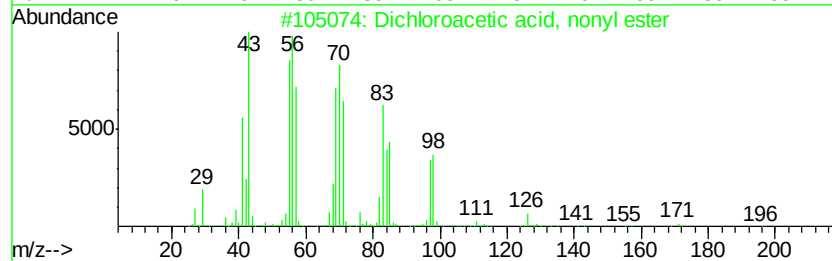
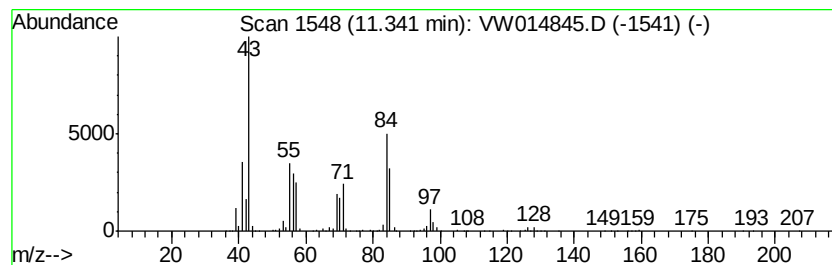
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 6 Dichloroacetic acid, nonyl ... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.34	3.96 ug/L	426829	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dichloroacetic acid, nonyl ester	254	C11H20Cl2O2	083004-99-3	53
2		1-Fluorononane	146	C9H19F	000463-18-3	53
3		1-Nonene	126	C9H18	000124-11-8	49
4		Piperidine	85	C5H11N	000110-89-4	43
5		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

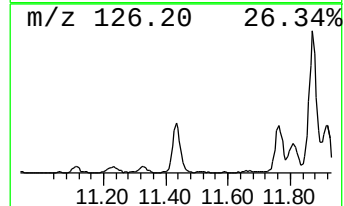
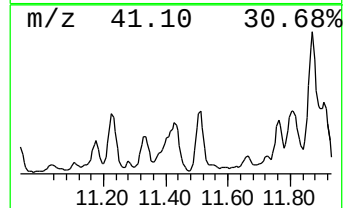
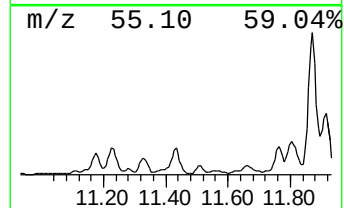
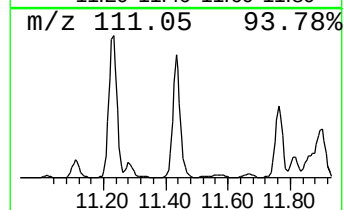
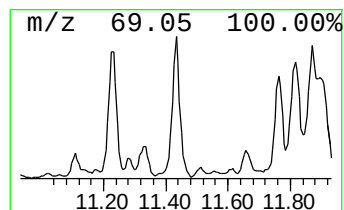
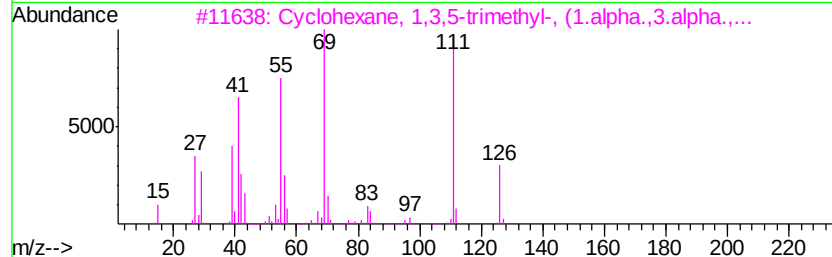
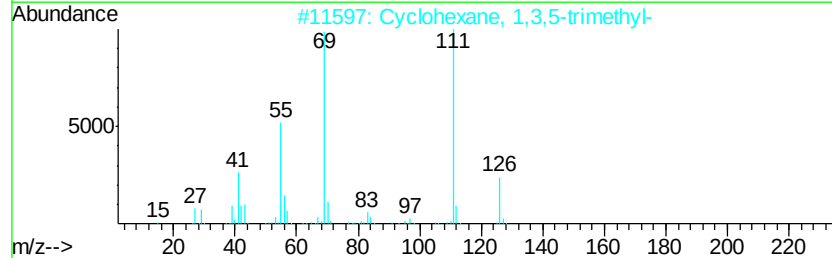
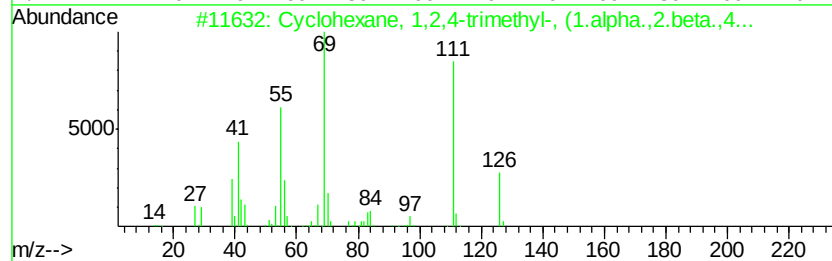
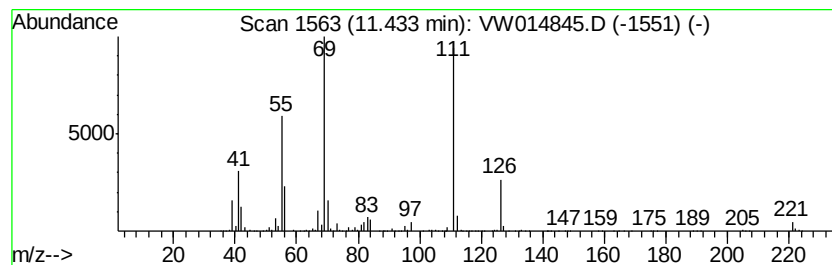
Instrument :
MSVOA_W
ClientSampleId :
GAT44

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Cyclic11.43 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.43	11.44 ug/L	1234090	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	93
2		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90
3		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	90
4		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	87
5		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAT44

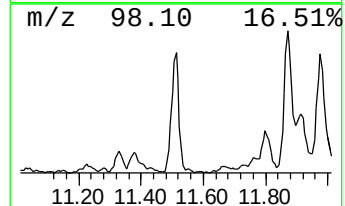
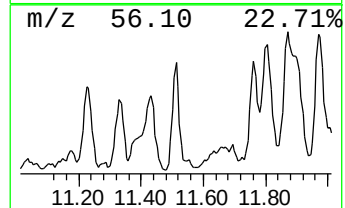
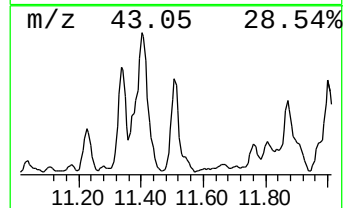
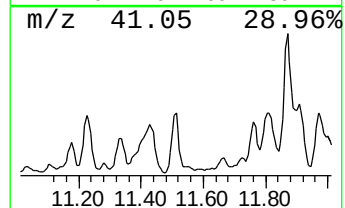
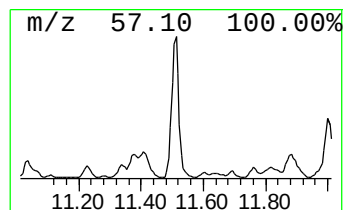
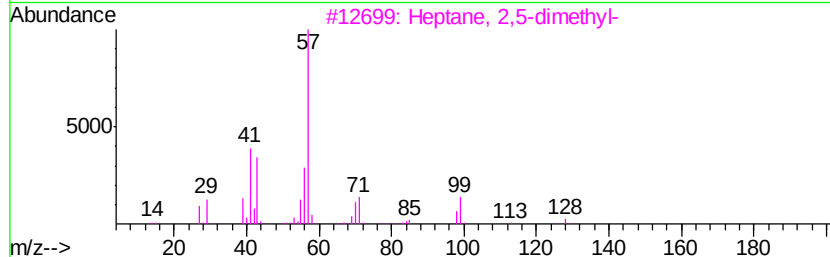
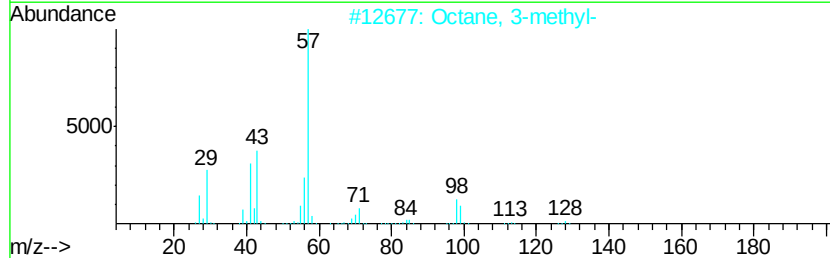
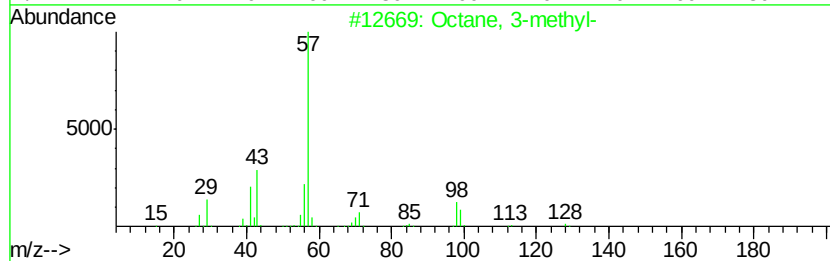
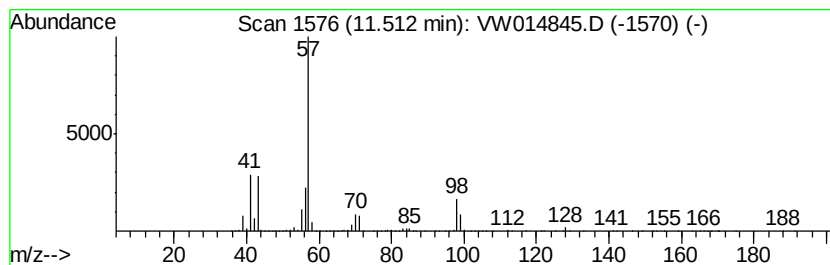
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	5.72 ug/L	617033	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3-methyl-	128	C9H20	002216-33-3	91
2		Octane, 3-methyl-	128	C9H20	002216-33-3	91
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
4		Octane, 3-methyl-	128	C9H20	002216-33-3	80
5		Heptane, 4-propyl-	142	C10H22	003178-29-8	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

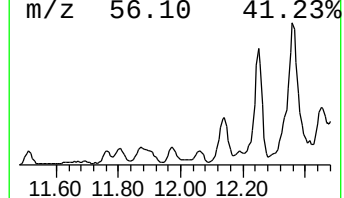
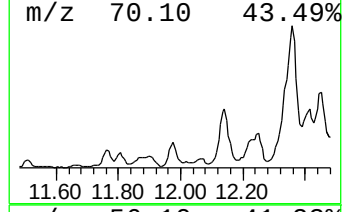
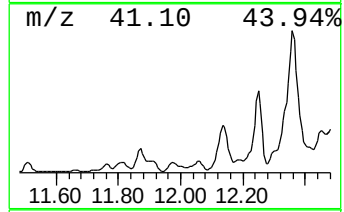
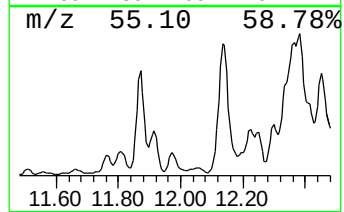
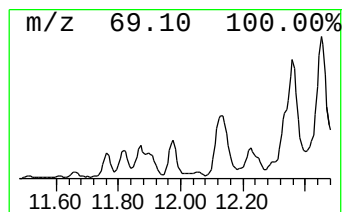
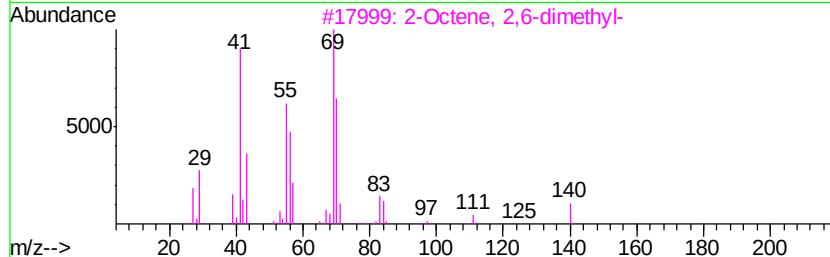
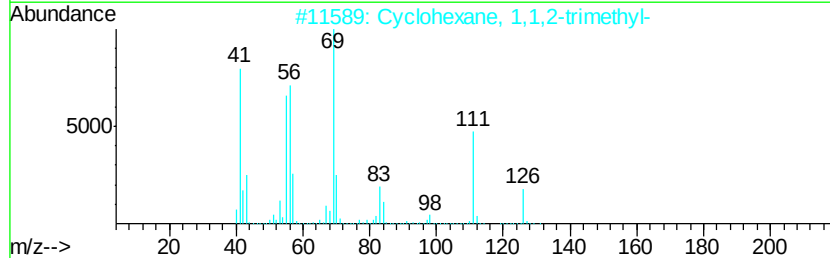
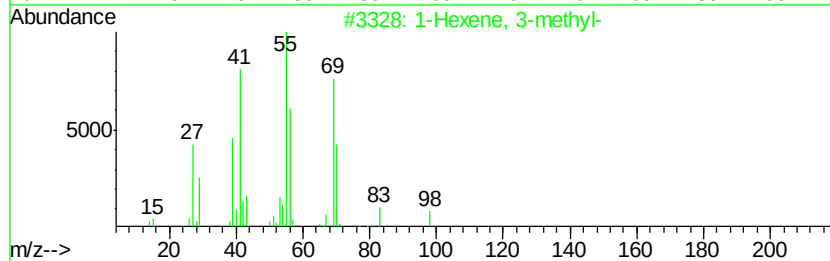
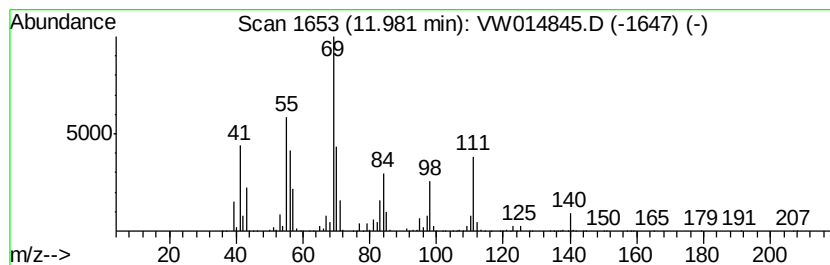
Instrument :
MSVOA_W
ClientSampleId :
GAT44

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Cyclic11.98 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.98	10.10 ug/L	1090080	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	62
2	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	53
3	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	52
4	Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	50
5	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT44

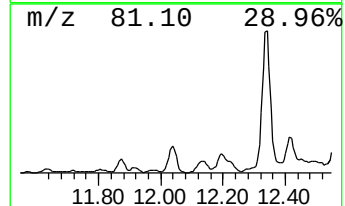
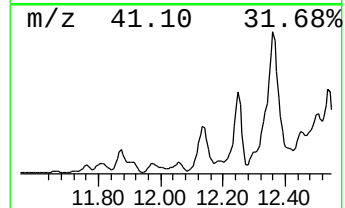
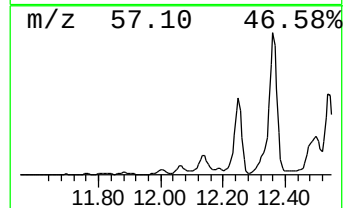
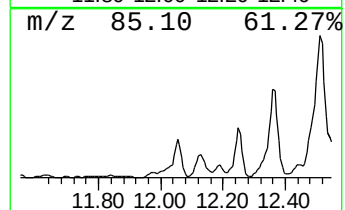
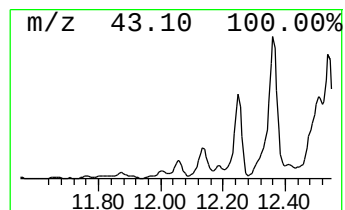
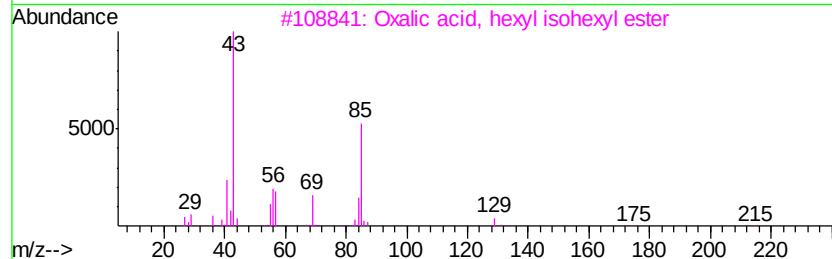
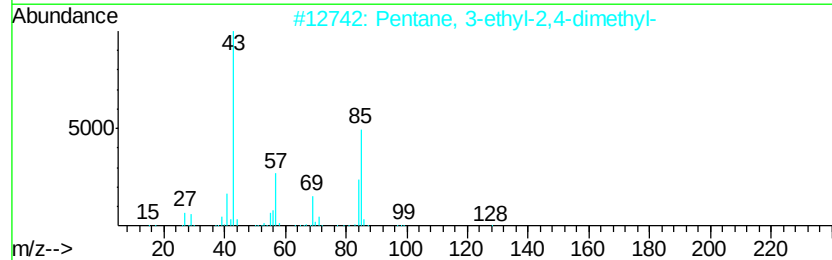
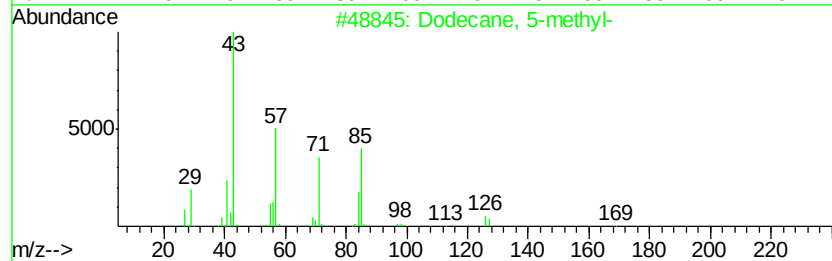
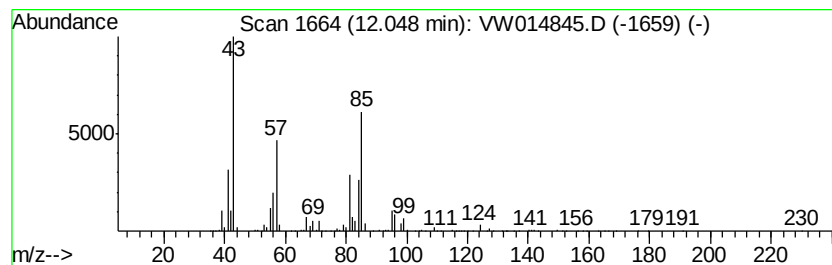
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	7.69 ug/L	829897	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 5-methyl-	184	C13H28	017453-93-9	64
2		Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	64
3		Oxalic acid, hexyl isohexyl ester	258	C14H26O4	1000309-33-0	64
4		Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	59
5		Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT44

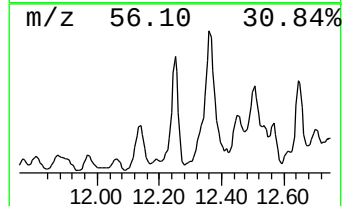
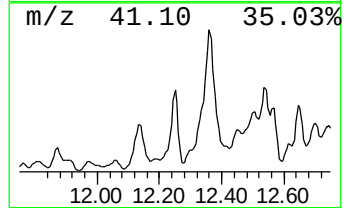
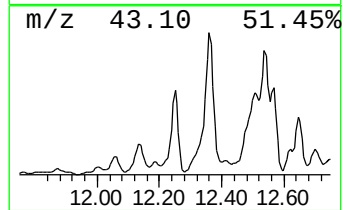
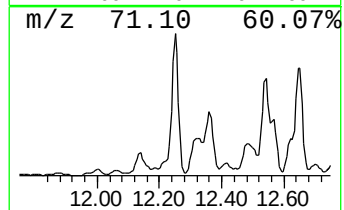
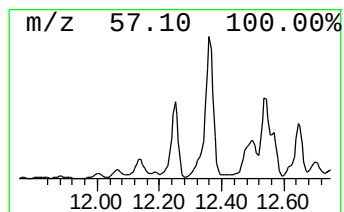
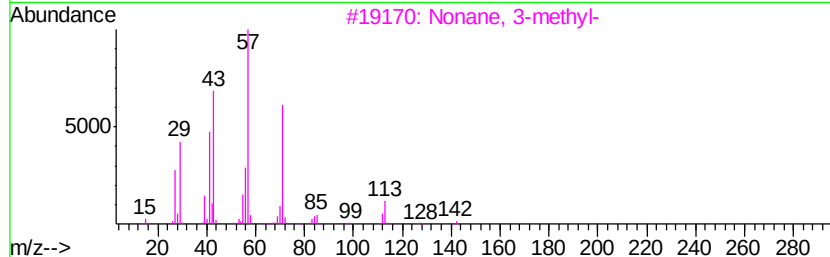
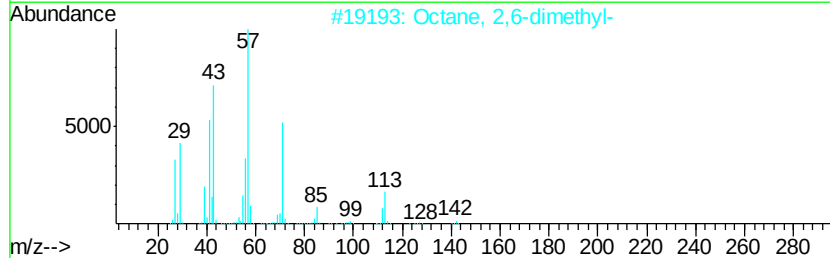
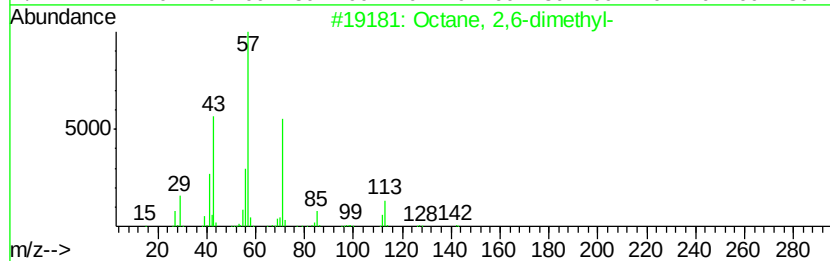
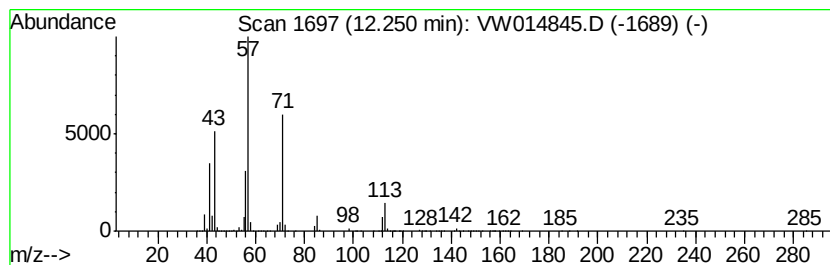
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	44.90 ug/L	4845360	Chlorobenzene-d5	11.63

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT44

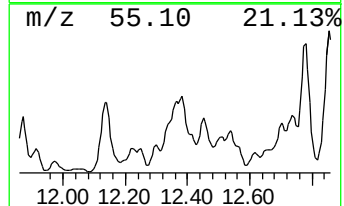
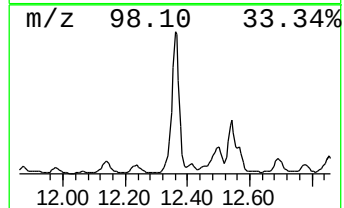
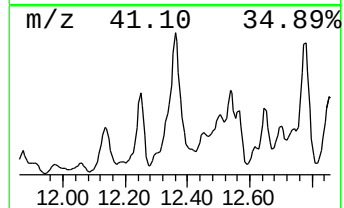
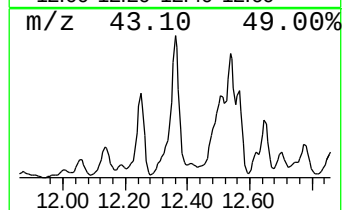
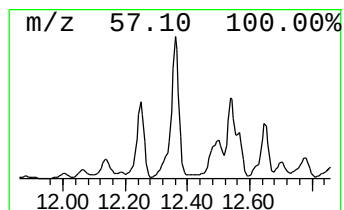
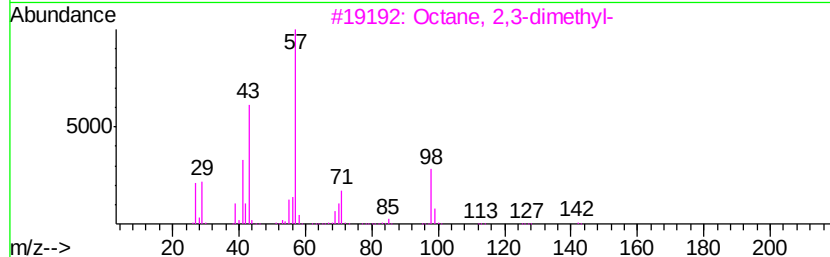
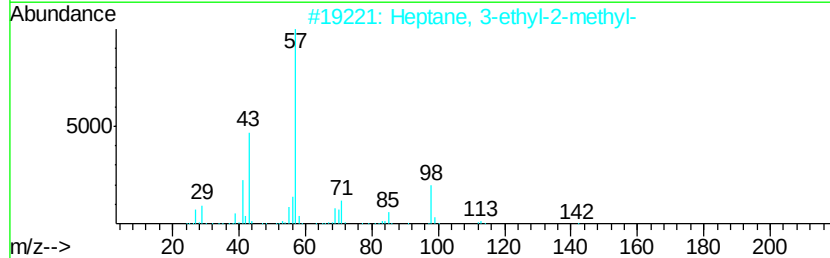
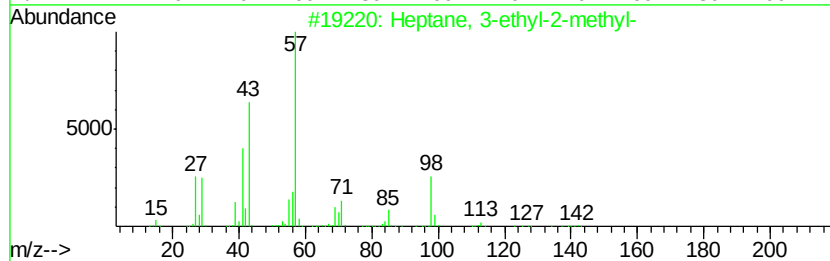
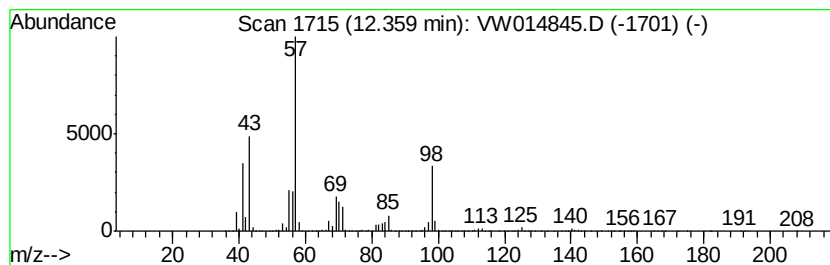
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	156.97 ug/L	16937800	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	91
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
3		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	64
4		3-Undecene, 6-methyl-, (E)-	168	C12H24	074630-52-7	59
5		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT44

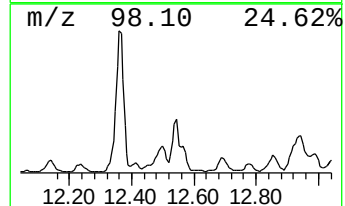
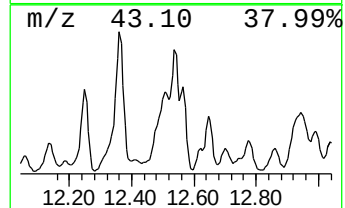
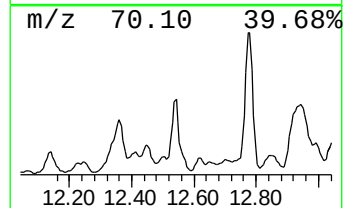
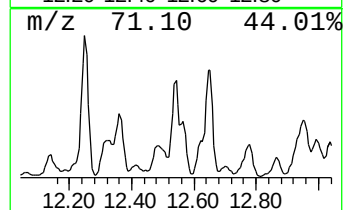
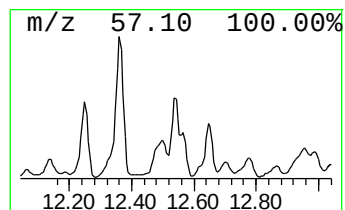
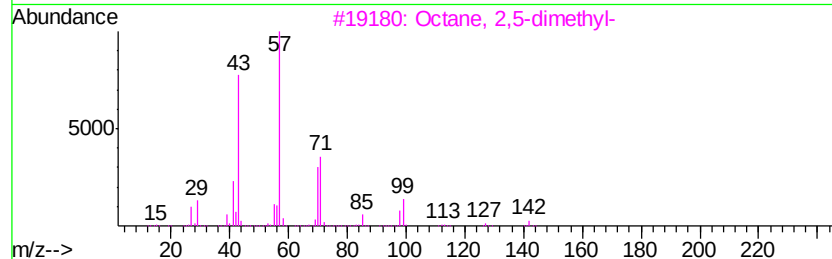
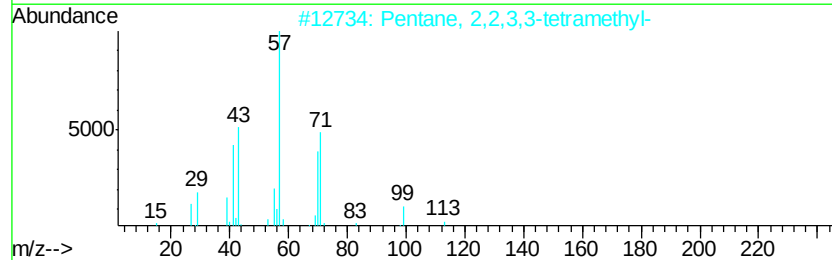
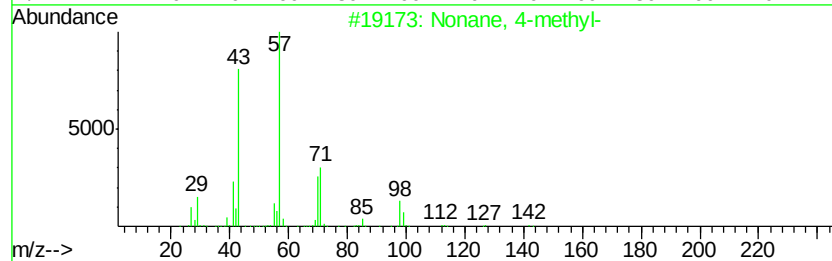
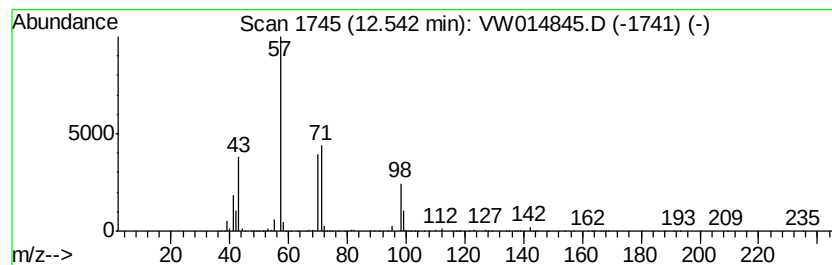
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	15.67 ug/L	1691360	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4-methyl-	142	C10H22	017301-94-9	86
2		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
3		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	64
4		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
5		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
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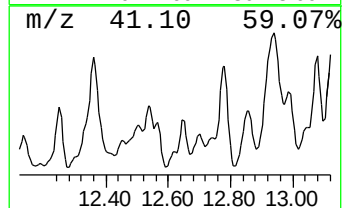
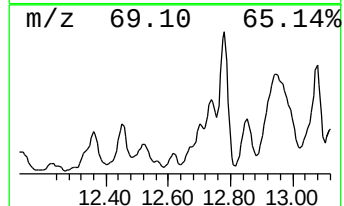
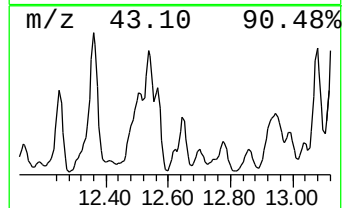
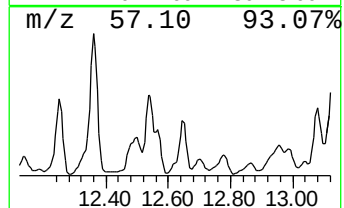
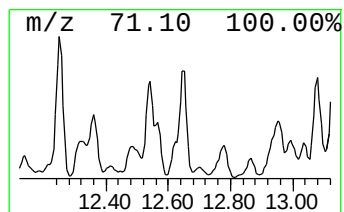
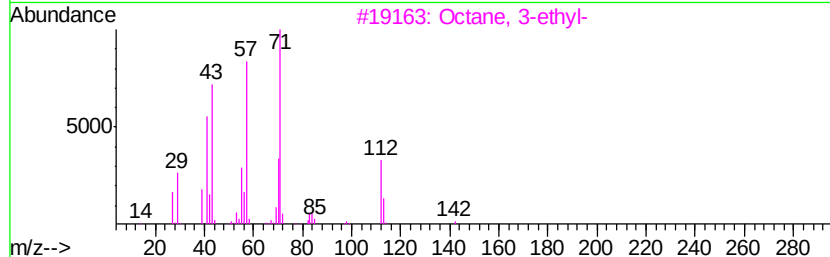
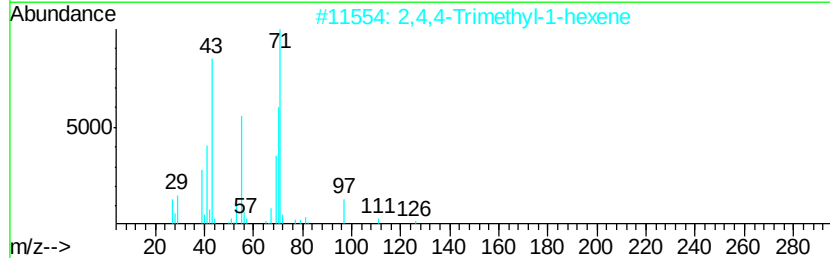
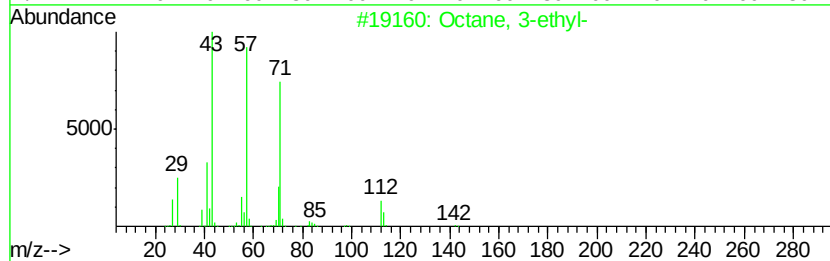
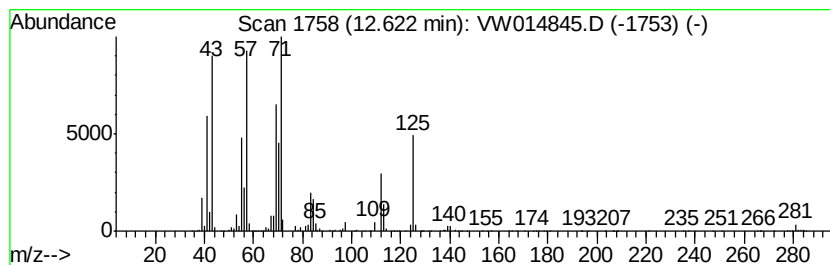
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Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	5.40 ug/L	1331960	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3-ethyl-	142	C10H22	005881-17-4	38
2		2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	38
3		Octane, 3-ethyl-	142	C10H22	005881-17-4	38
4		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	35
5		4-Methyl-2-heptene	112	C8H16	003404-56-6	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

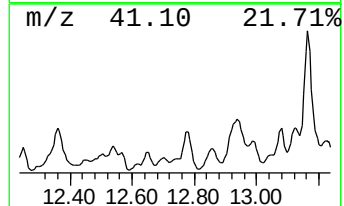
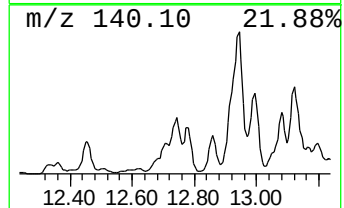
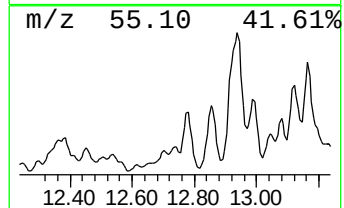
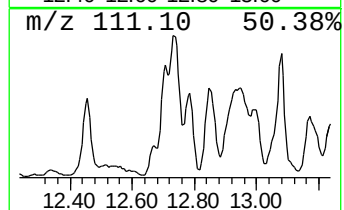
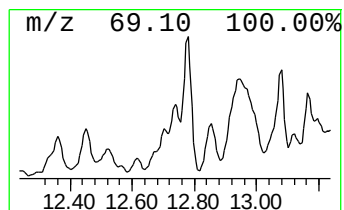
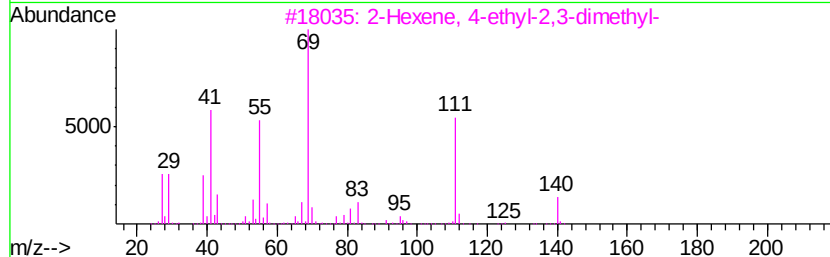
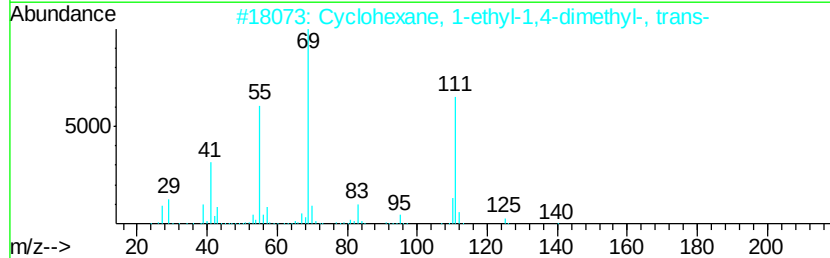
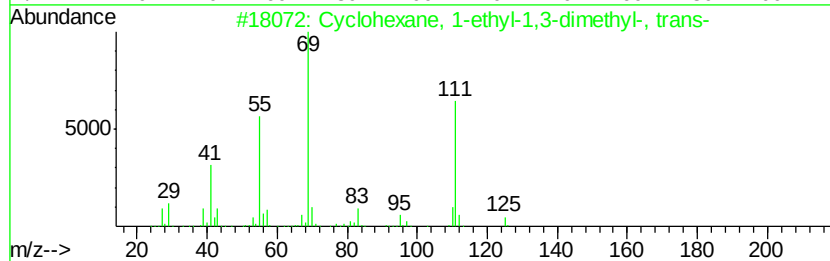
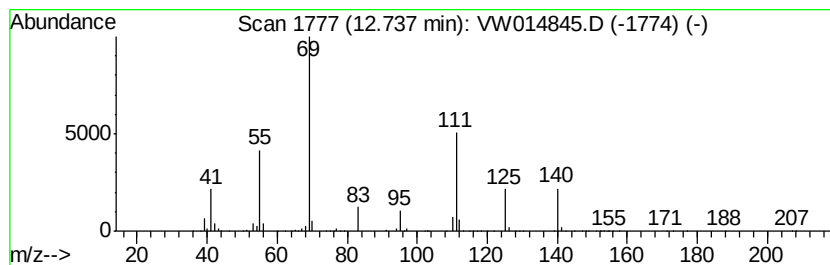
Instrument :
MSVOA_W
ClientSampleId :
GAT44

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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Cyclic12.74 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.74	5.86 ug/L	1445560	1,4-Dichlorobenzene-d4	13.55		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-29-3	59
2		Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	45
3		2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	45
4		Cyclooctyl bromide	190	C8H15Br	001556-09-8	42
5		Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-31-7	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT44

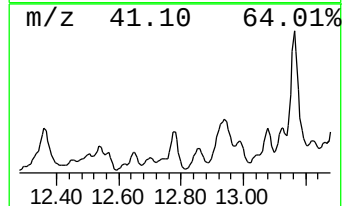
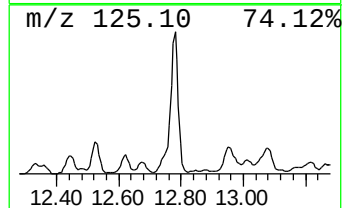
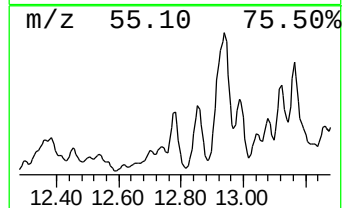
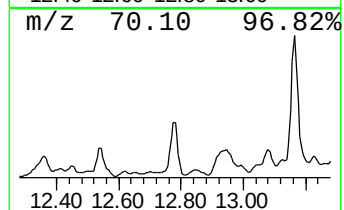
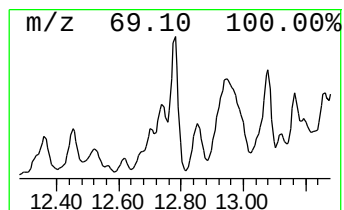
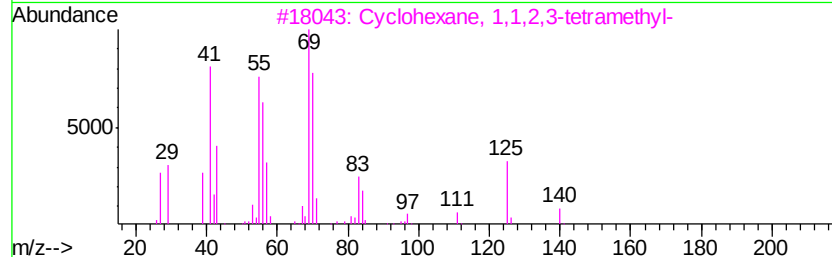
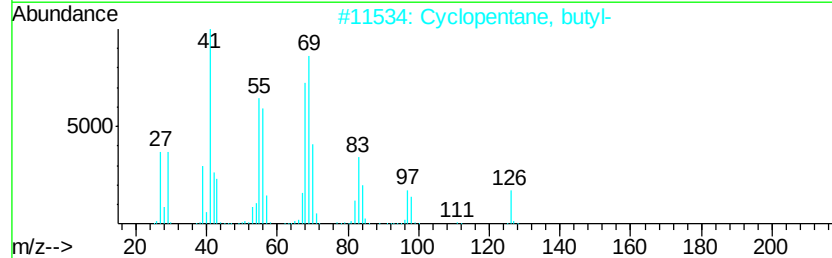
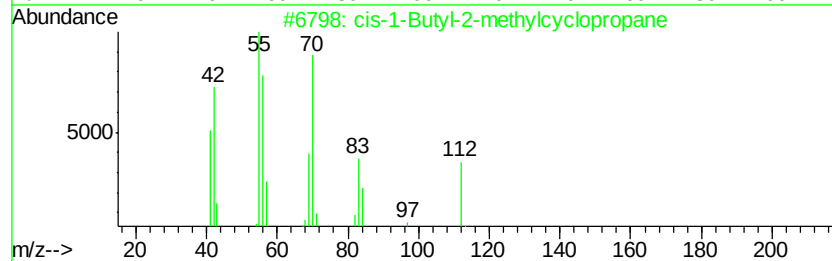
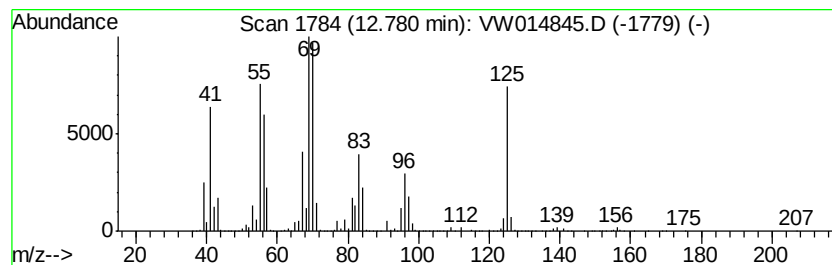
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Cyclic12.78 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	41.92 ug/L	10344800	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	52
2		Cyclopentane, butyl-	126	C9H18	002040-95-1	50
3		Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	50
4		trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	46
5		4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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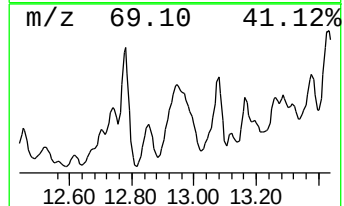
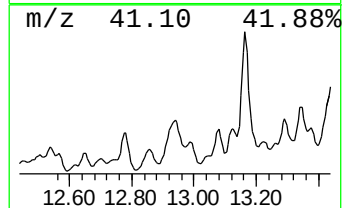
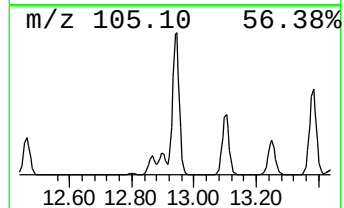
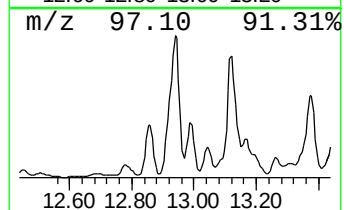
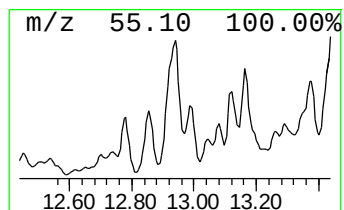
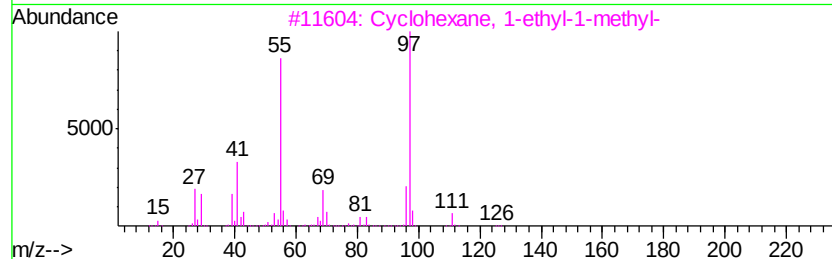
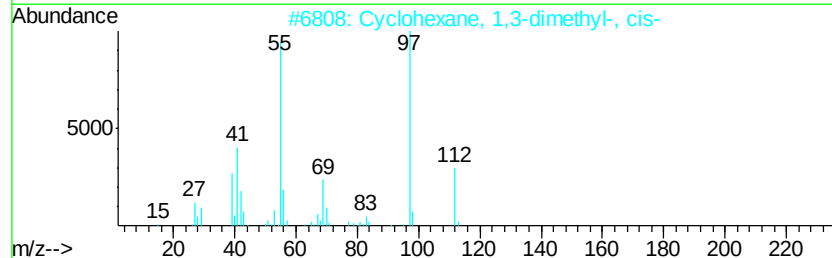
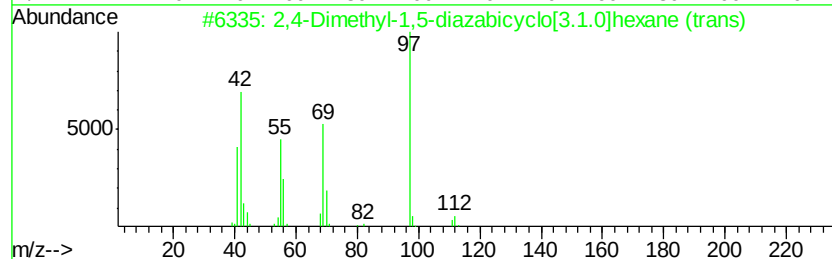
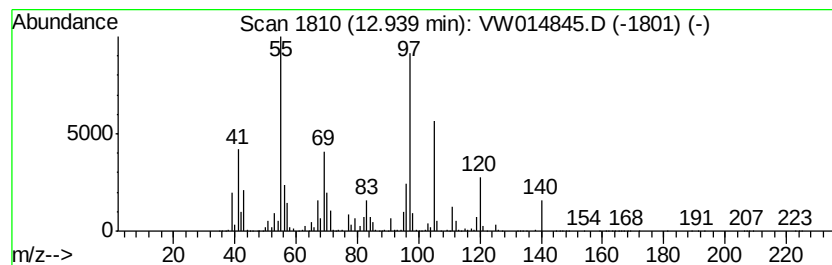
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Quant Title : VOC Analysis

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

Peak Number 18 2,4-Dimethyl-1,5-diazabicyc... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	93.43 ug/L	23056400	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Dimethyl-1,5-diazabicyclo[3.0.0]hexane (trans)	112	C6H12N2	1000283-20-9	53
2		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	52
3		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	52
4		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	52
5		Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

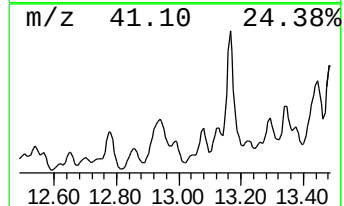
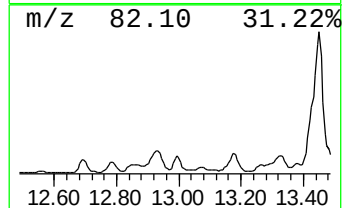
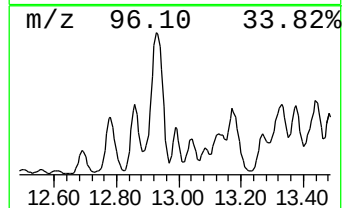
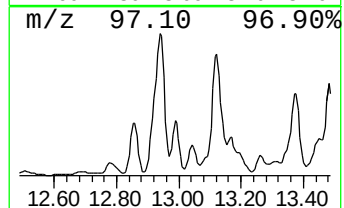
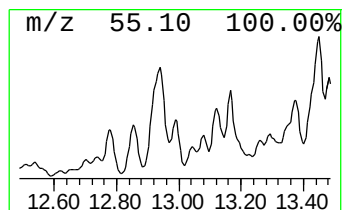
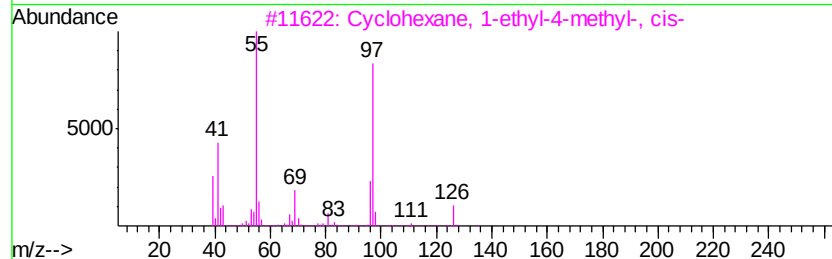
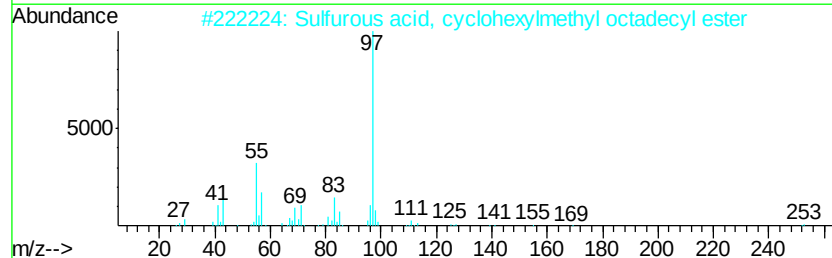
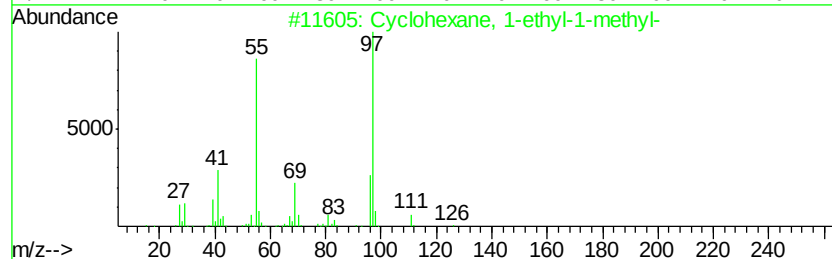
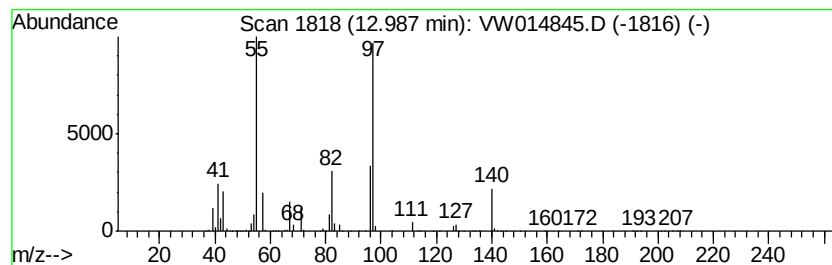
Instrument :
MSVOA_W
ClientSampleId :
GAT44

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 19 (DEL) Alkane: Cyclic12.99 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.99	19.57 ug/L	4828030	1,4-Dichlorobenzene-d4	13.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	50
2	Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	50
3	Cvclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	40
4	1-Ethyl-3-methylcvclohexane (c,t)	126	C9H18	003728-55-0	40
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	36



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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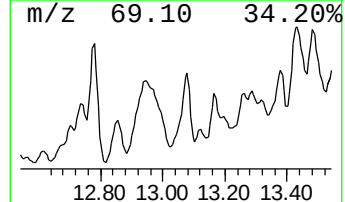
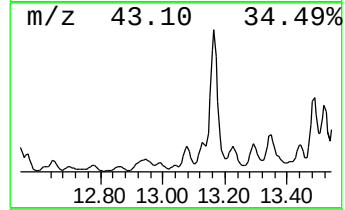
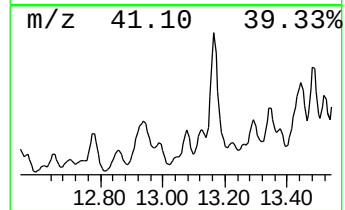
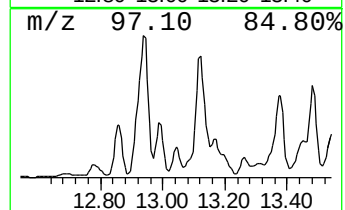
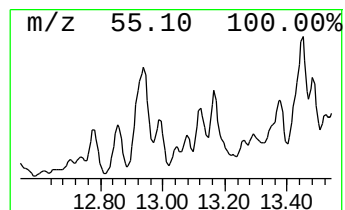
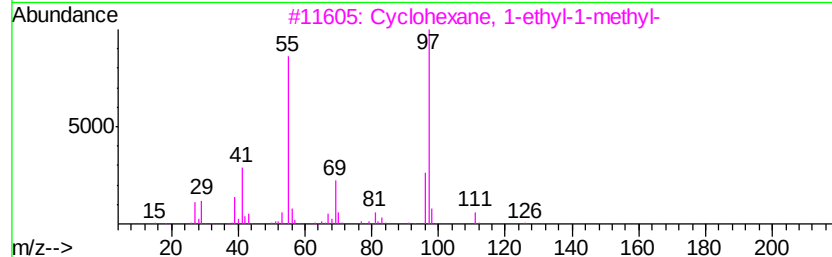
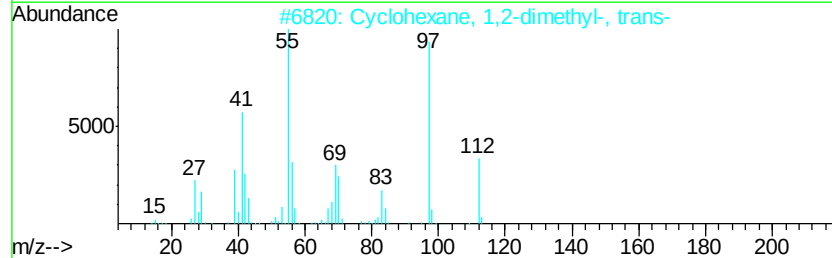
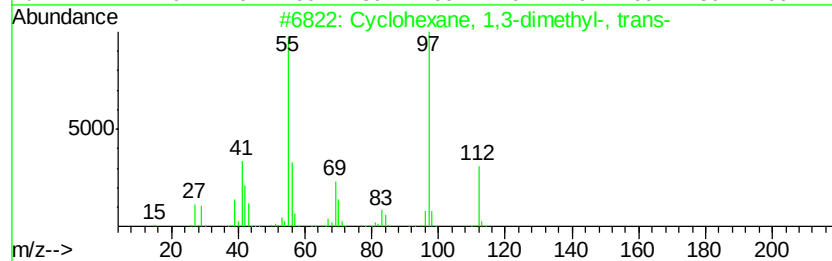
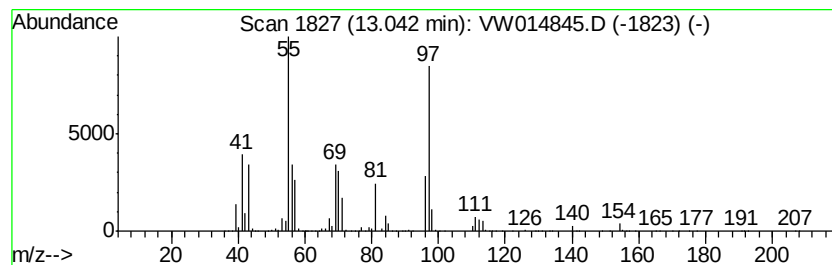
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Quant Title : VOC Analysis

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

Peak Number 20 (DEL) Alkane: Cyclic13.04 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	6.25 ug/L	1541120	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	64
2		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	64
3		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	64
4		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	64
5		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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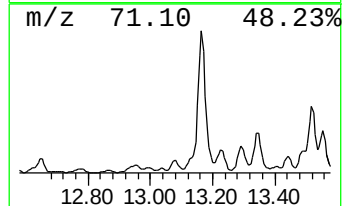
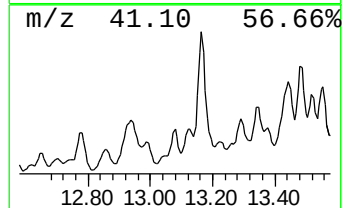
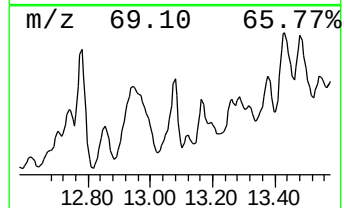
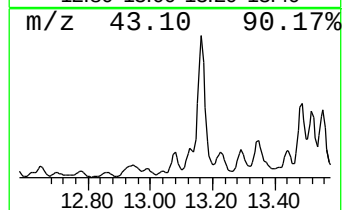
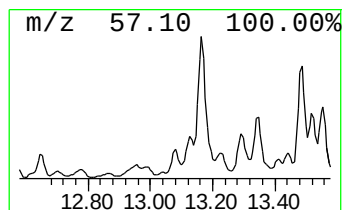
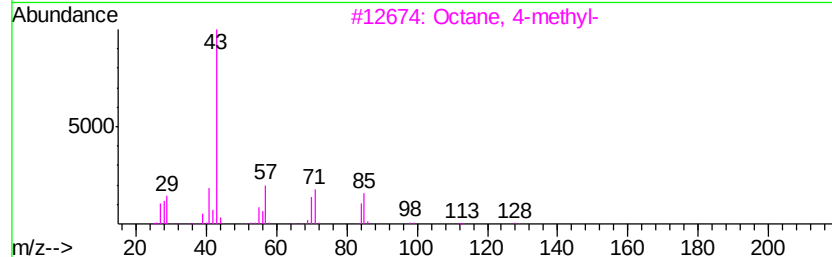
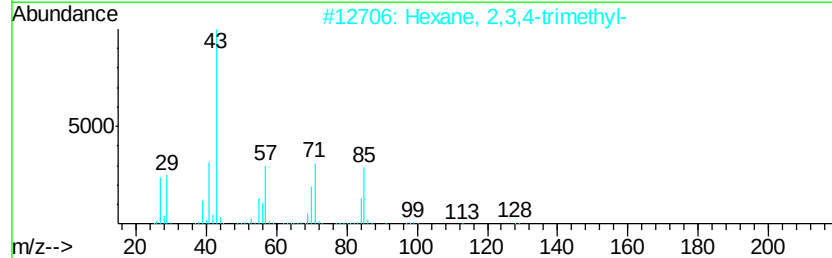
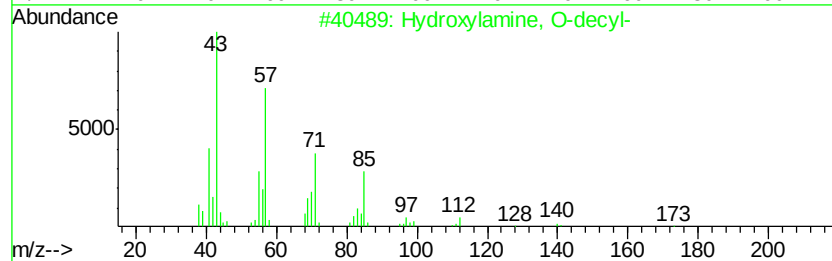
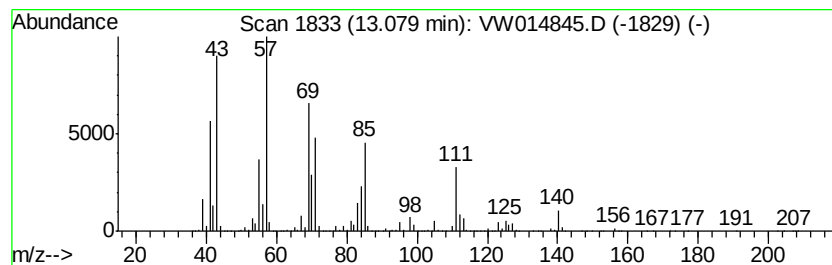
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Quant Title : VOC Analysis

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

Peak Number 21 Hydroxylamine, O-decyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	23.44 ug/L	5784830	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	58
2		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	52
3		Octane, 4-methyl-	128	C9H20	002216-34-4	52
4		Dodecane, 5-methyl-	184	C13H28	017453-93-9	47
5		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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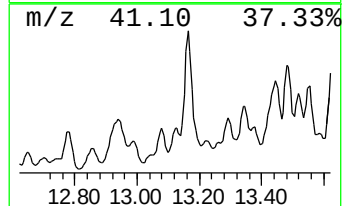
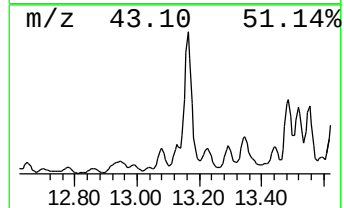
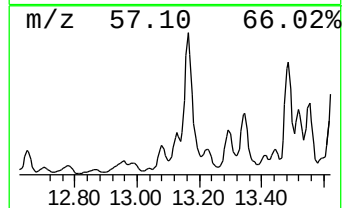
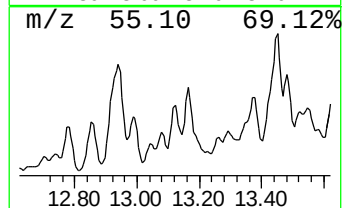
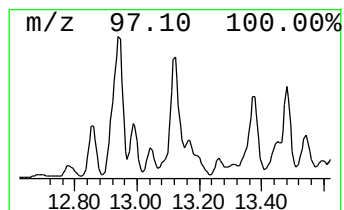
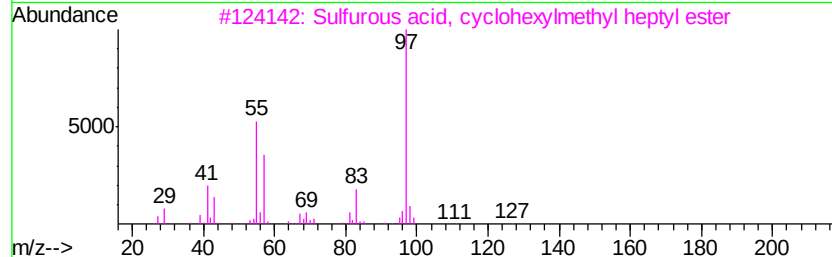
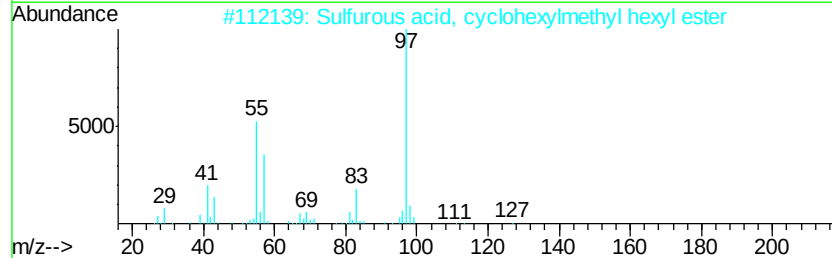
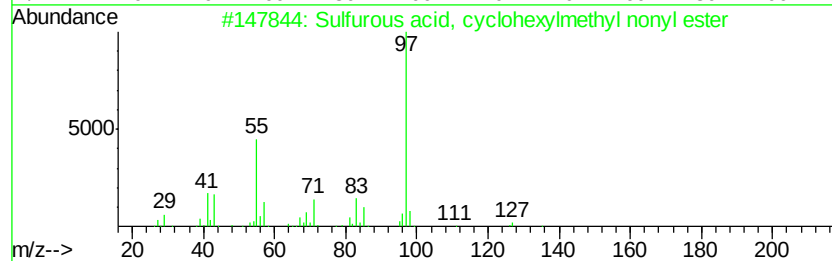
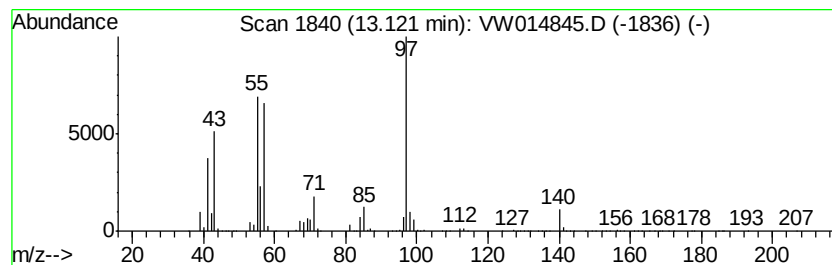
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Quant Title : VOC Analysis

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

Peak Number 22 Sulfurous acid, cyclohexylm... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	23.64 ug/L	5832960	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	64
2		Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-6	53
3		Sulfurous acid, cyclohexylmethyl...	276	C14H28O3S	1000309-21-7	53
4		4-Hepten-3-one, 2,6-dimethyl-	140	C9H16O	056259-14-4	47
5		Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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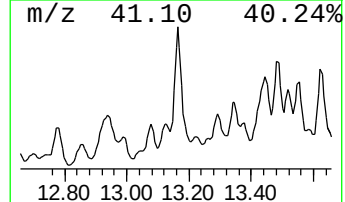
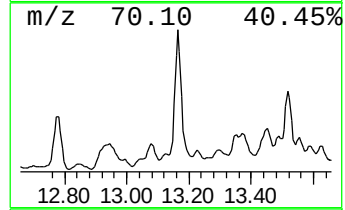
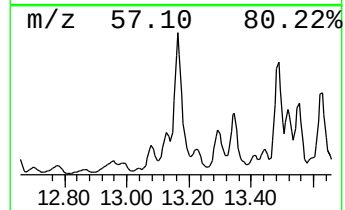
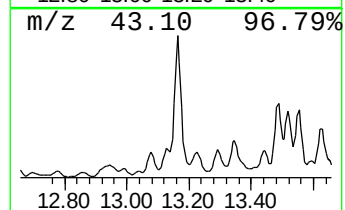
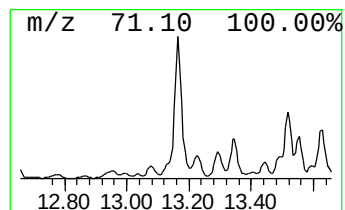
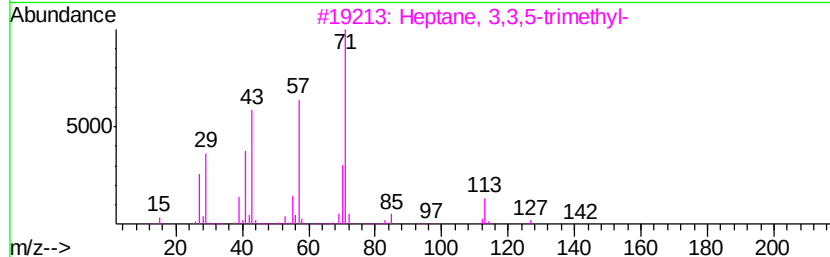
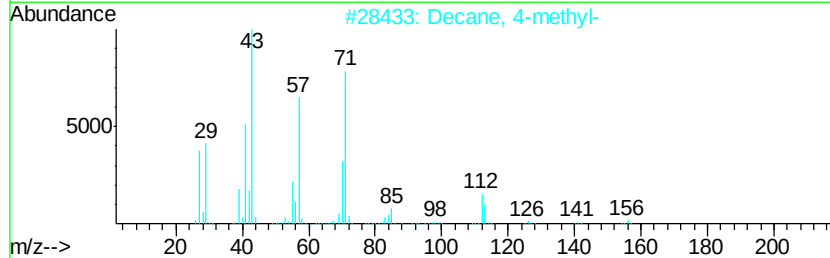
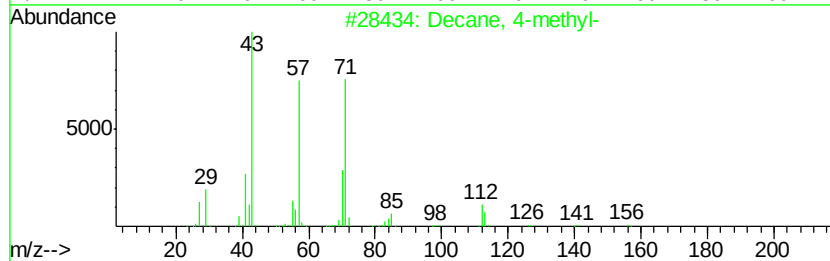
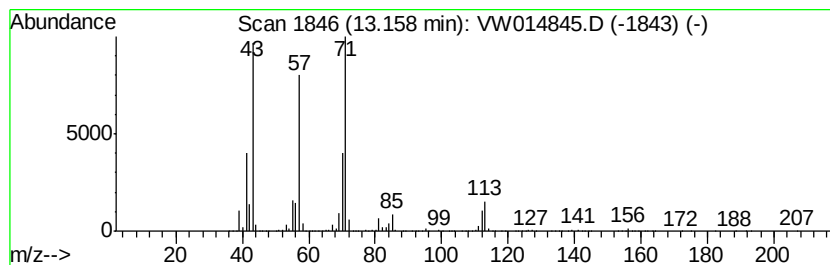
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Quant Title : VOC Analysis

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	114.14 ug/L	28167200	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	90
2		Decane, 4-methyl-	156	C11H24	002847-72-5	86
3		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
4		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
5		Decane, 4-methyl-	156	C11H24	002847-72-5	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

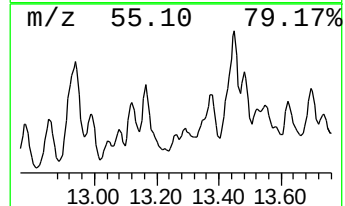
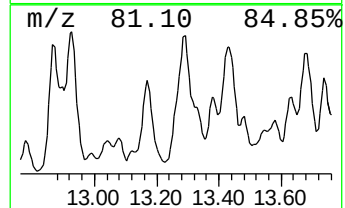
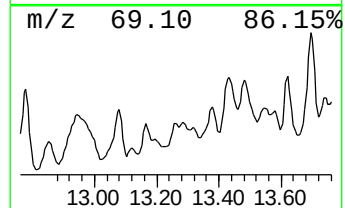
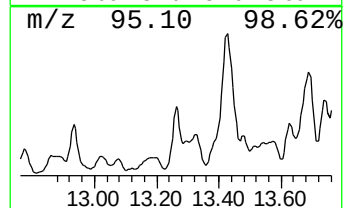
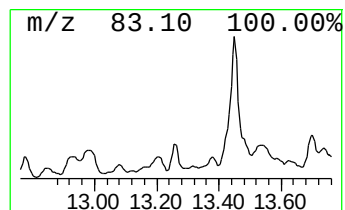
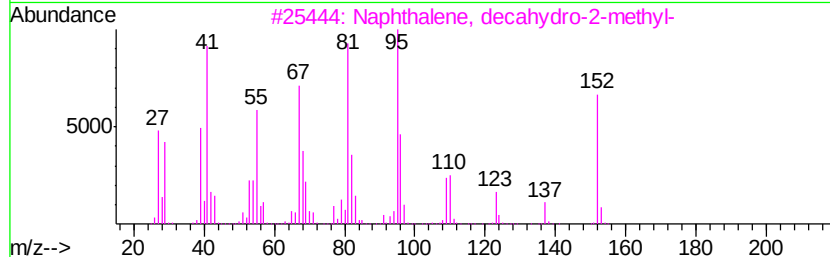
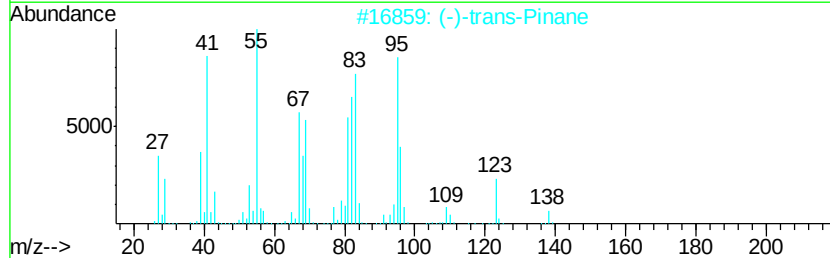
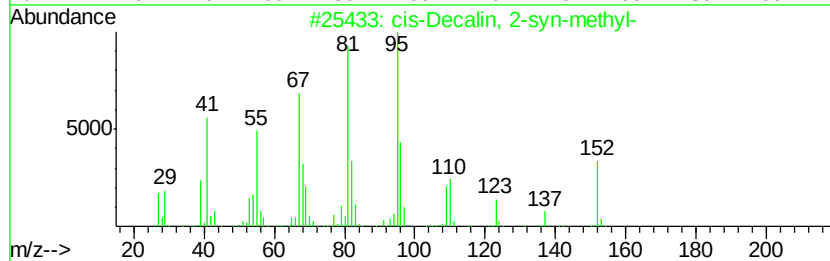
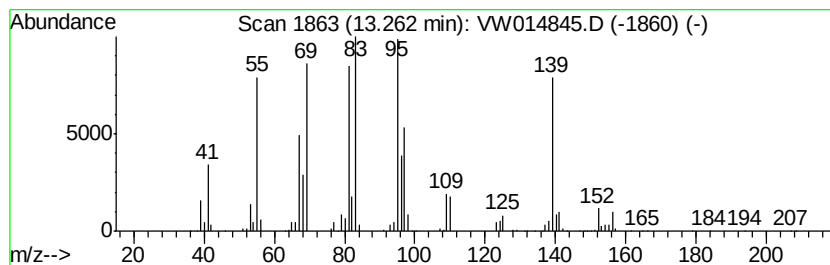
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 24 unknown-02 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.26	6.26 ug/L	1544950	1,4-Dichlorobenzene-d4	13.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	45
2	(-)-trans-Pinane	138	C10H18	033626-25-4	38
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	35
4	2,6-Dimethylbicyclo[3.2.1]octane	138	C10H18	1000215-28-2	30
5	Bicyclo[4.1.0]heptane, 3-methyl-	110	C8H14	041977-47-3	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT44

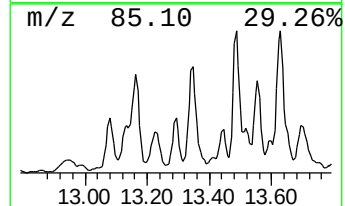
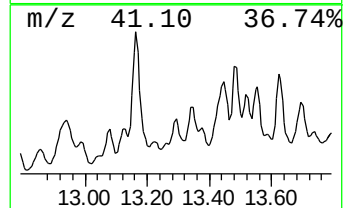
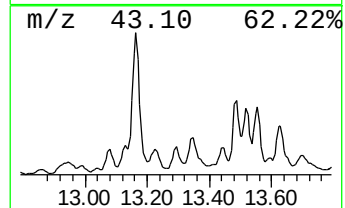
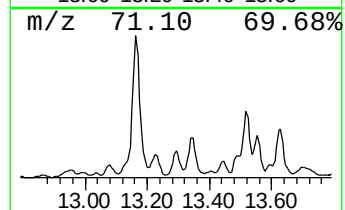
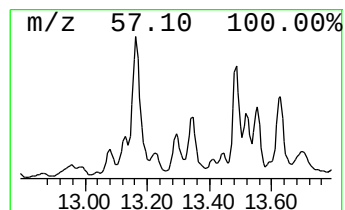
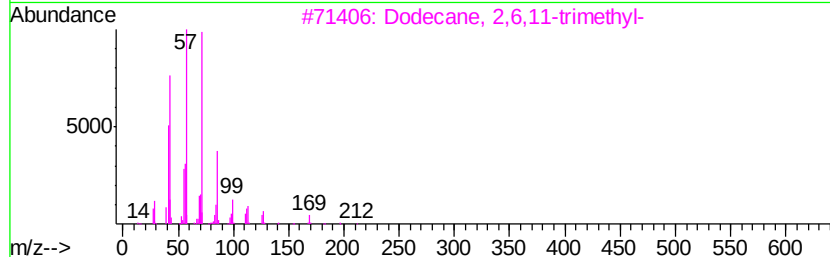
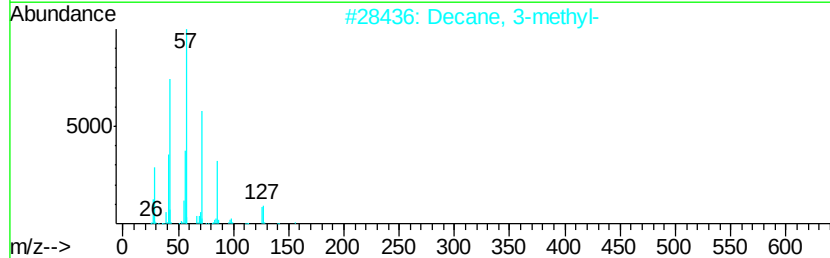
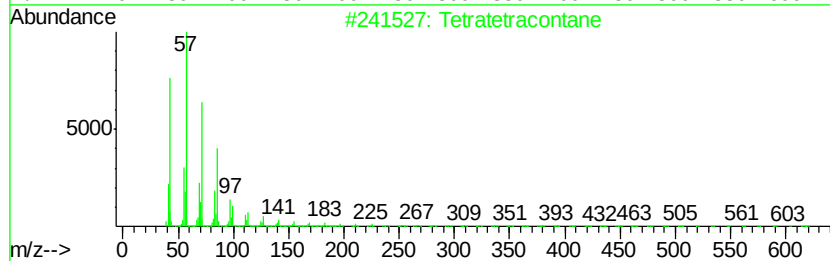
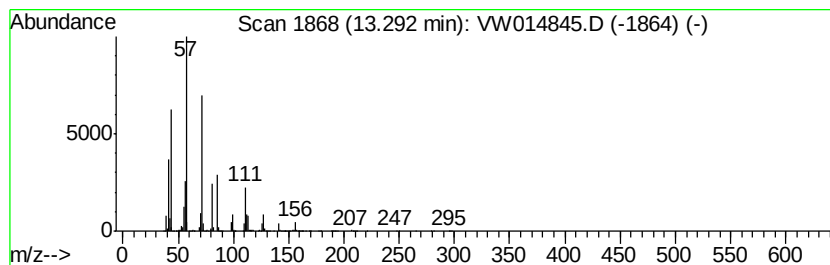
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Quant Title : VOC Analysis

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	24.08 ug/L	5942010	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	59
2		Decane, 3-methyl-	156	C11H24	013151-34-3	59
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
4		Octacosane	394	C28H58	000630-02-4	53
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT44

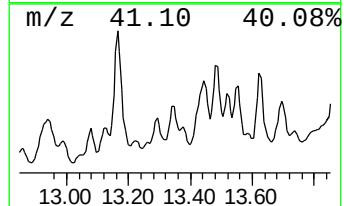
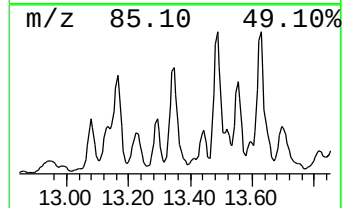
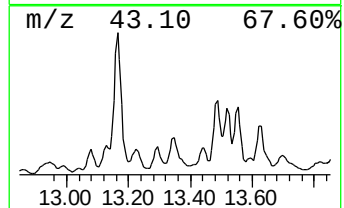
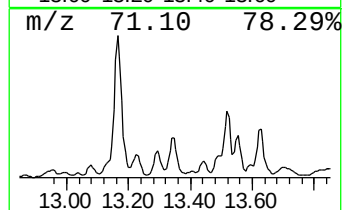
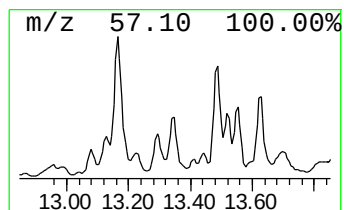
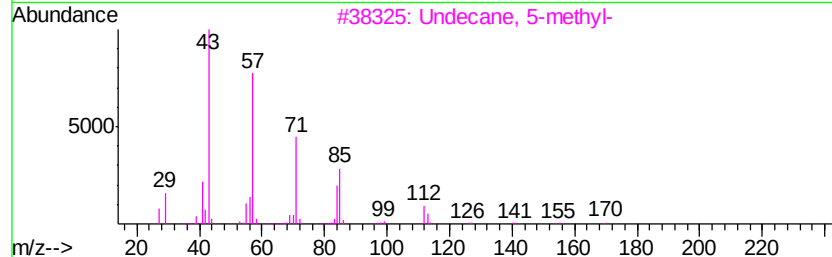
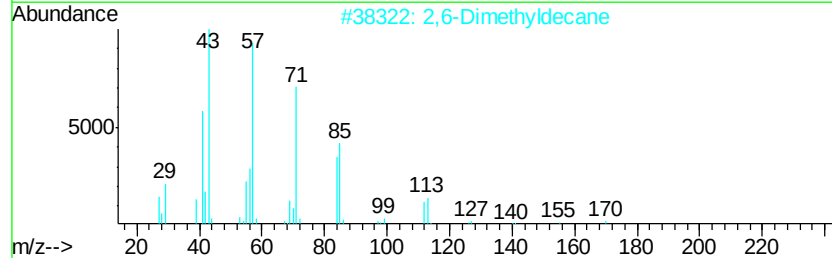
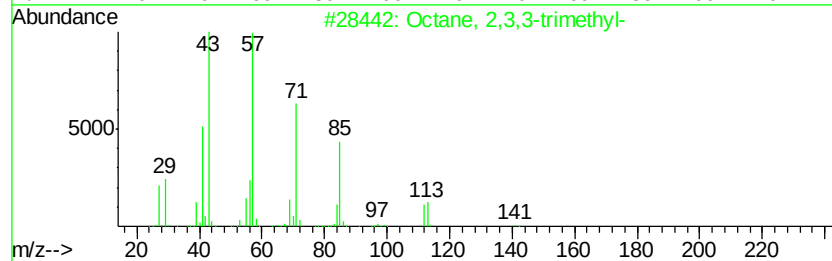
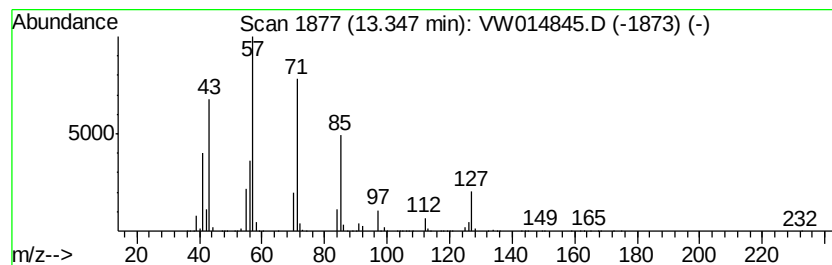
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Quant Title : VOC Analysis

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	26.13 ug/L	6448040	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	64
2		2,6-Dimethyldecane	170	C12H26	013150-81-7	59
3		Undecane, 5-methyl-	170	C12H26	001632-70-8	53
4		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	50
5		Octane, 3-ethyl-	142	C10H22	005881-17-4	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

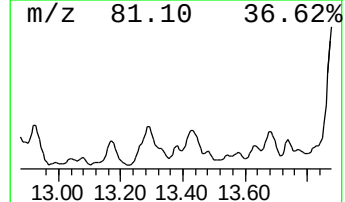
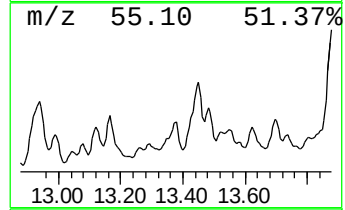
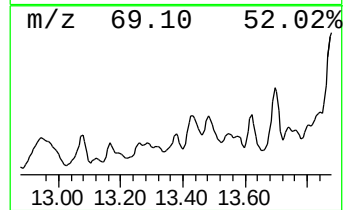
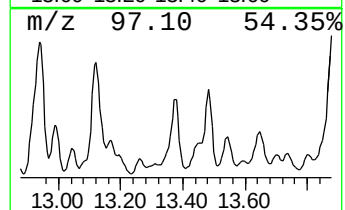
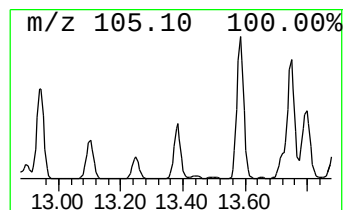
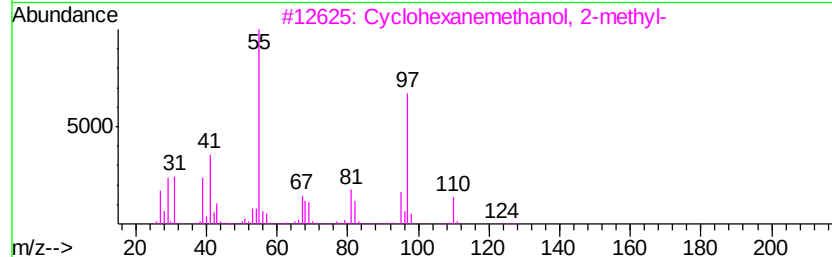
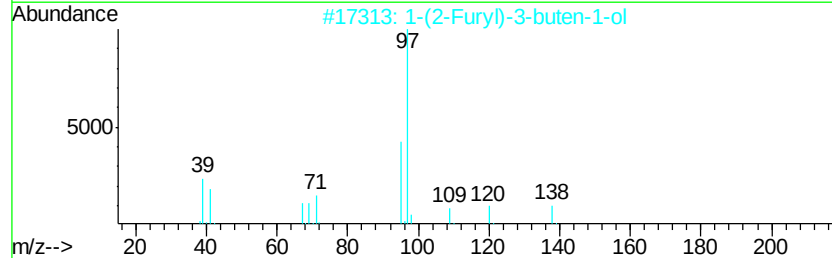
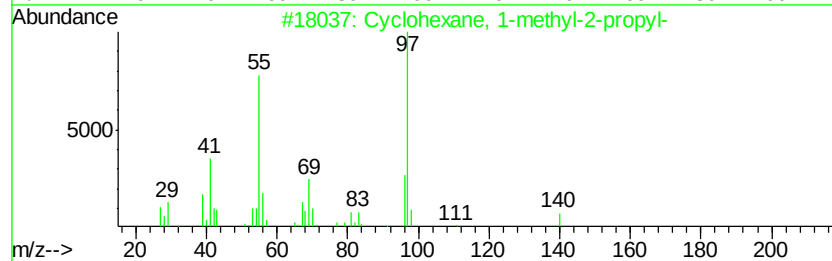
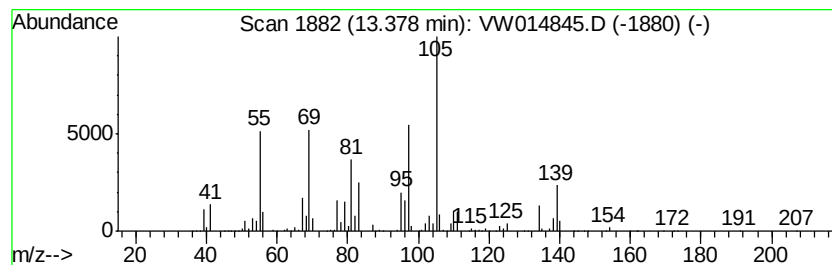
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ClientSampleId :
GAT44

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 27 (DEL) Alkane: Cyclic13.38 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	15.43 ug/L	3806440	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1-methyl-2-propyl-	140 C10H20	004291-79-6 25
2		1-(2-Furyl)-3-buten-1-ol	138 C8H10O2	1000311-94-9 22
3		Cyclohexanemethanol, 2-methyl-	128 C8H16O	002105-40-0 16
4		Sulfurous acid, cyclohexylmethyl...	332 C18H36O3S	1000309-21-9 16
5		Cyclopropanemethanol, 2,2,3,3-te...	128 C8H16O	002415-96-5 16



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAT44

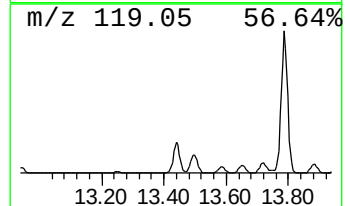
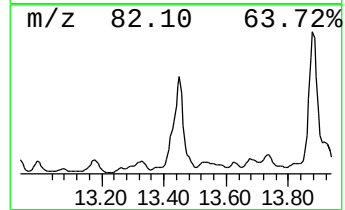
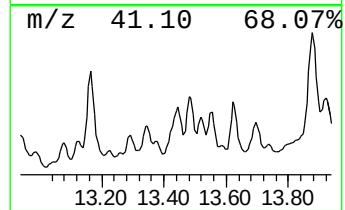
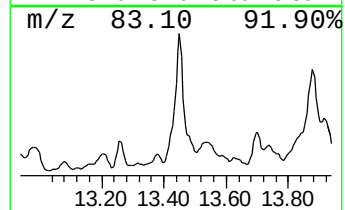
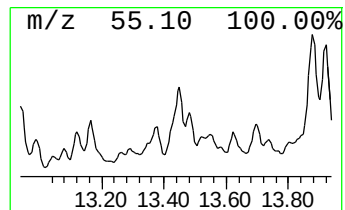
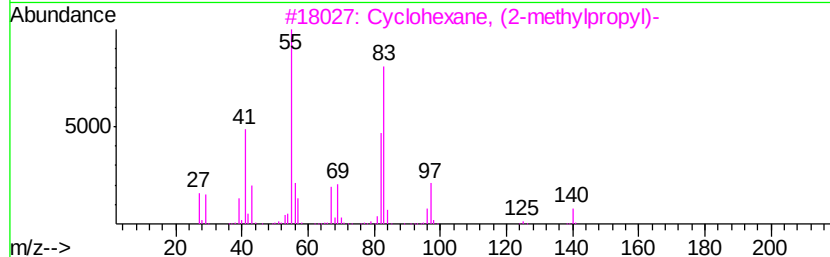
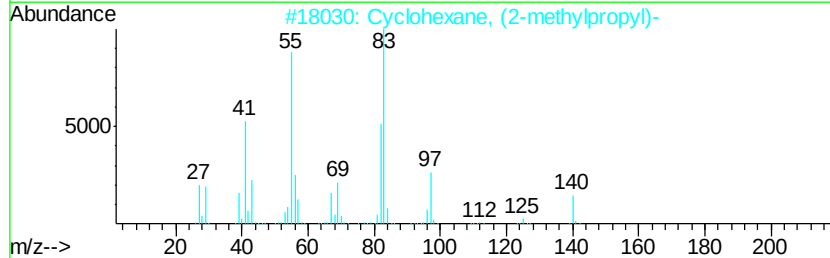
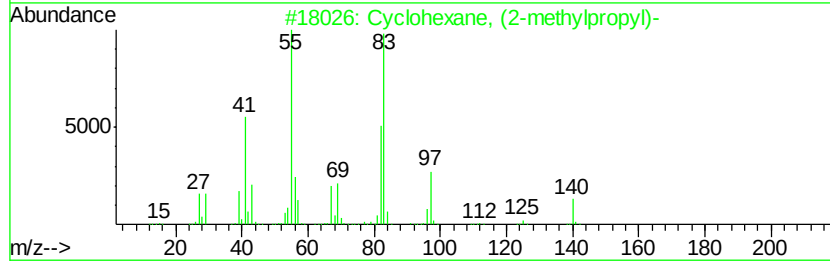
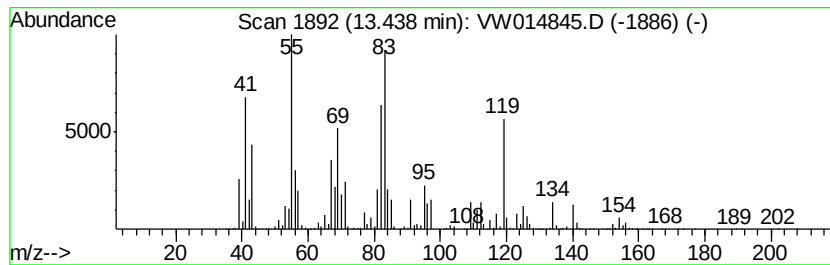
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Quant Title : VOC Analysis

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

Peak Number 28 (DEL) Alkane: Cyclic13.44 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	94.49 ug/L	23318200	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	53
2		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	53
3		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	49
4		Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	46
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT44

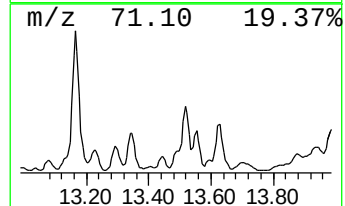
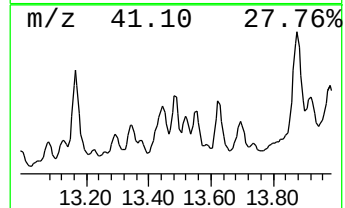
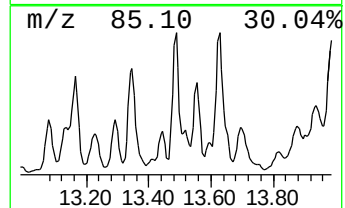
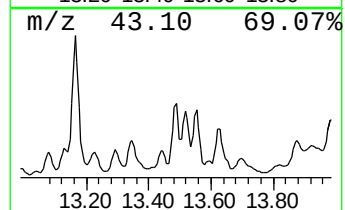
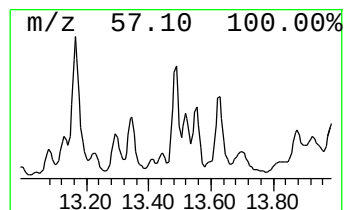
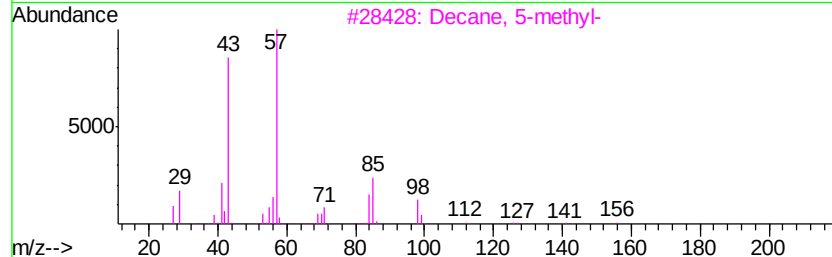
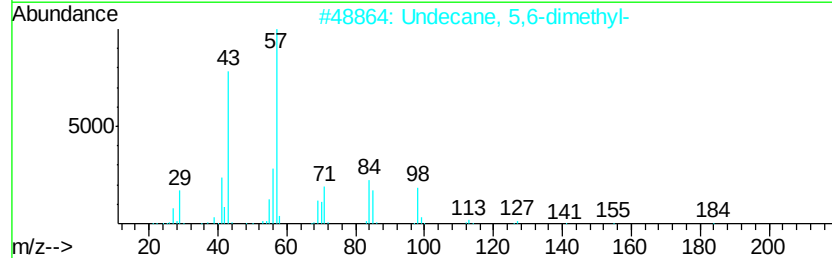
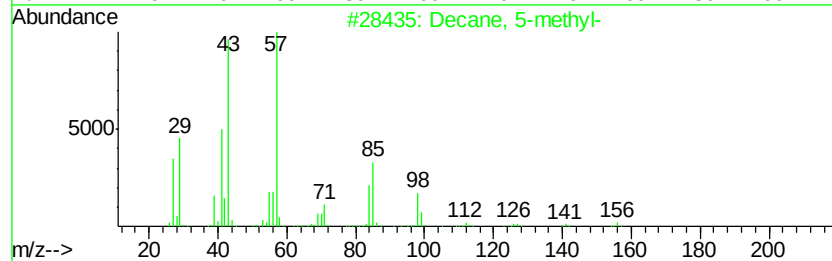
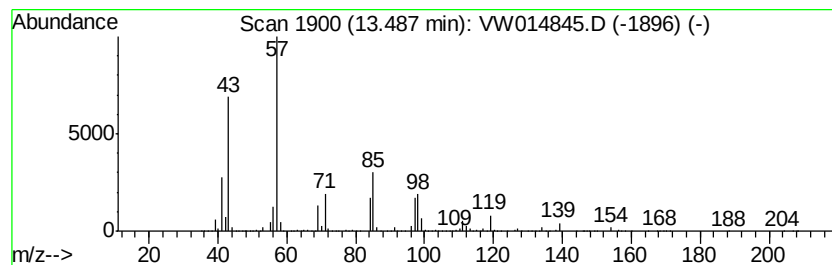
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Quant Title : VOC Analysis

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	43.81 ug/L	10811000	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-methyl-	156	C11H24	013151-35-4	59
2		Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	50
3		Decane, 5-methyl-	156	C11H24	013151-35-4	49
4		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	47
5		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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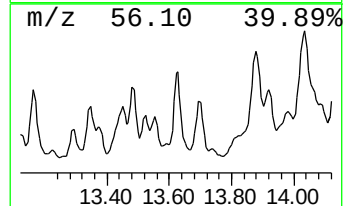
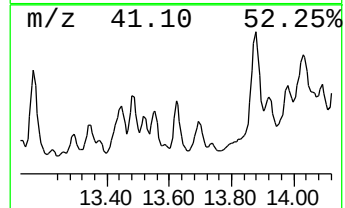
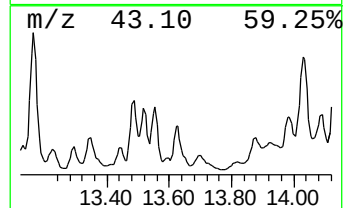
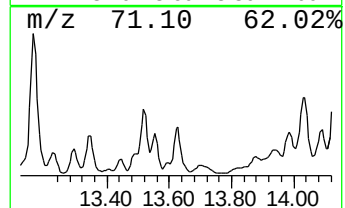
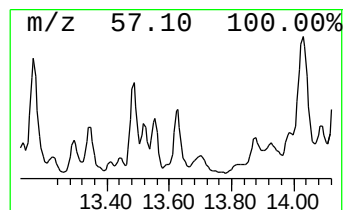
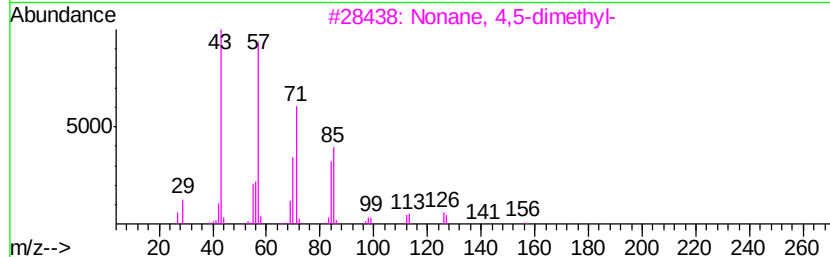
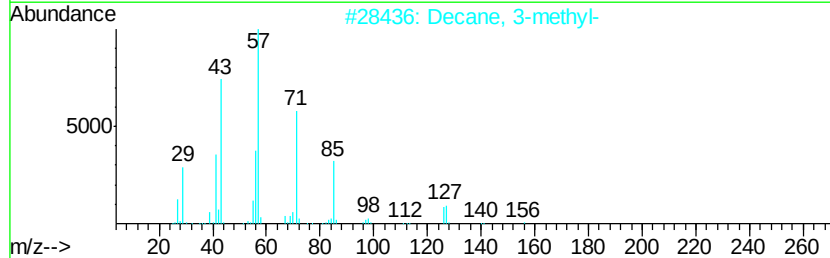
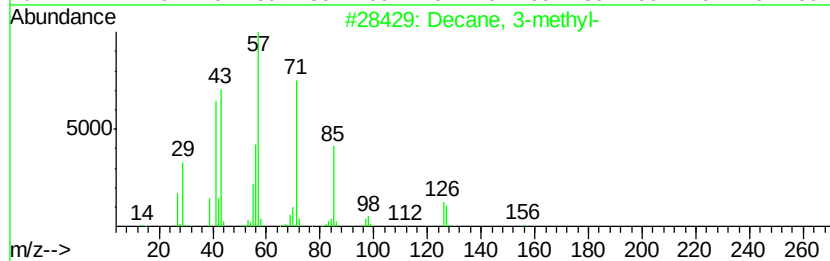
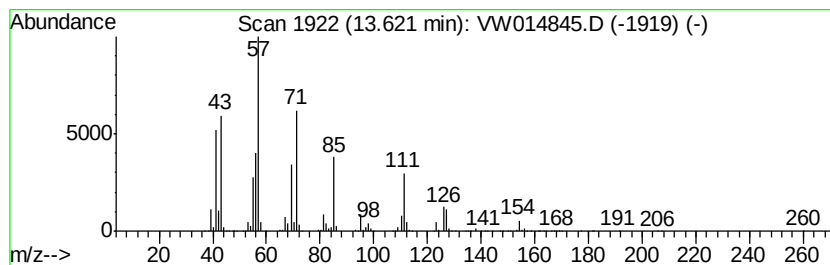
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Quant Title : VOC Analysis

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	51.59 ug/L	12730500	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	91
2		Decane, 3-methyl-	156	C11H24	013151-34-3	72
3		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	58
4		Undecane, 3-methyl-	170	C12H26	001002-43-3	53
5		Undecane, 2-methyl-	170	C12H26	007045-71-8	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

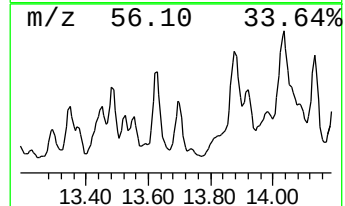
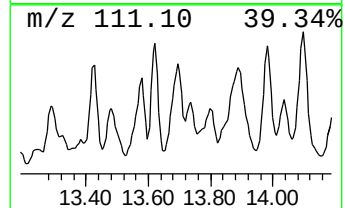
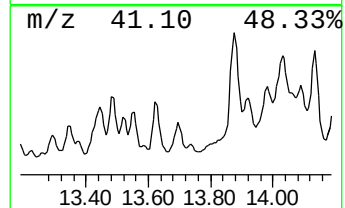
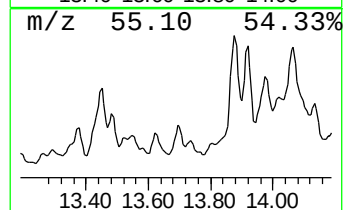
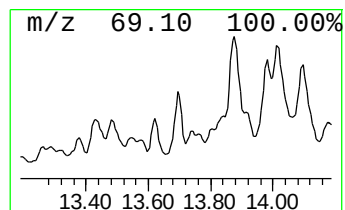
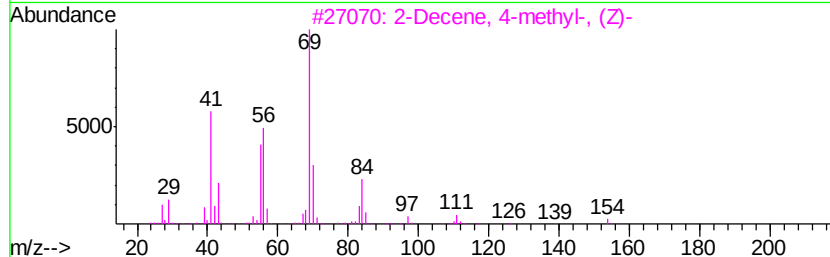
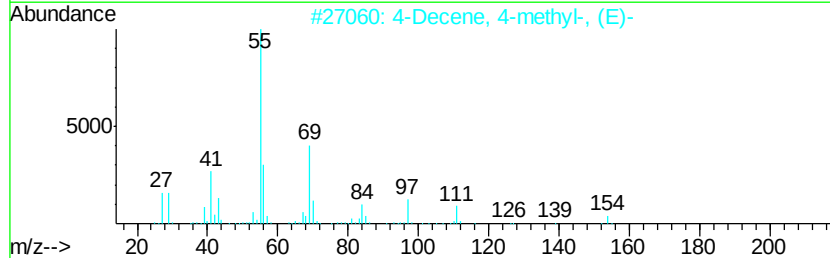
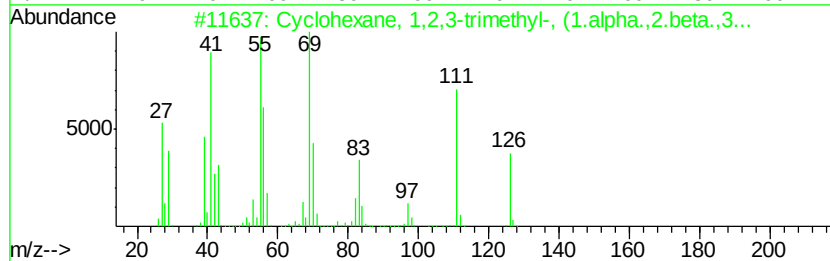
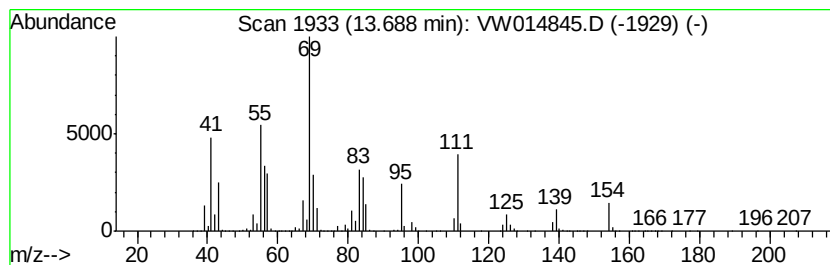
Instrument :
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ClientSampleId :
GAT44

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 31 (DEL) Alkane: Cyclic13.69 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	44.79 ug/L	11052200	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1,2,3-trimethyl-, (...)	126 C9H18	001678-81-5 70
2		4-Decene, 4-methyl-, (E)-	154 C11H22	060366-66-7 64
3		2-Decene, 4-methyl-, (Z)-	154 C11H22	074630-30-1 64
4		4-Octene, 2,3,6-trimethyl-	154 C11H22	063830-65-9 53
5		4-Octene, 2,3,7-trimethyl-, [S-(...	154 C11H22	052763-13-0 53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT44

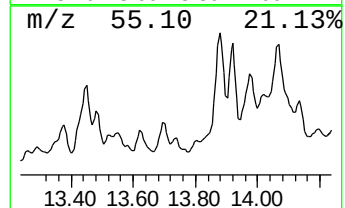
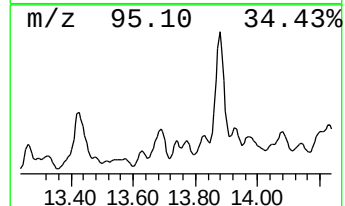
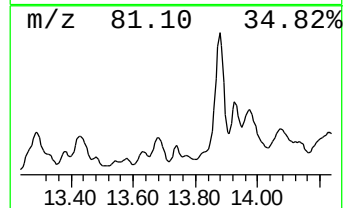
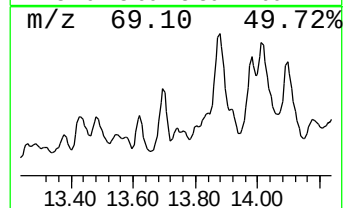
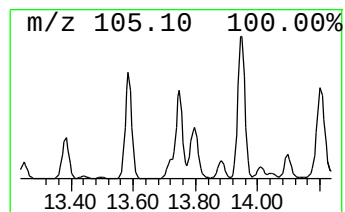
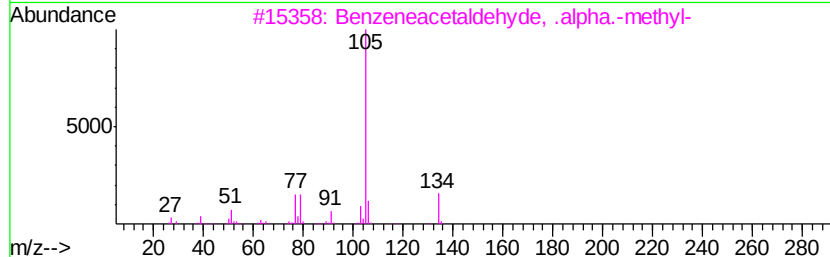
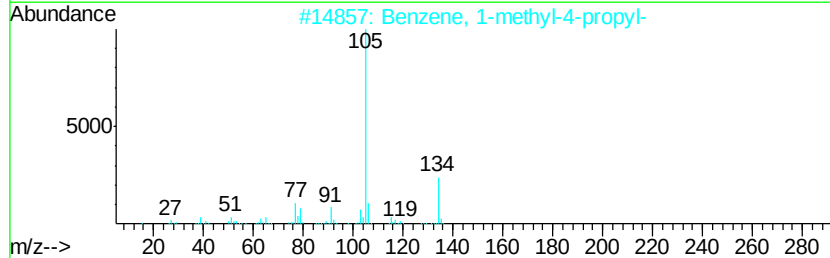
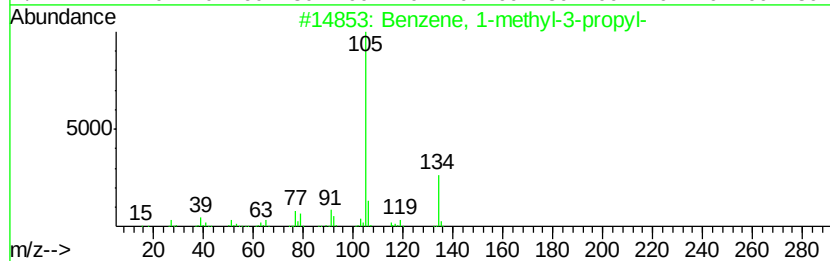
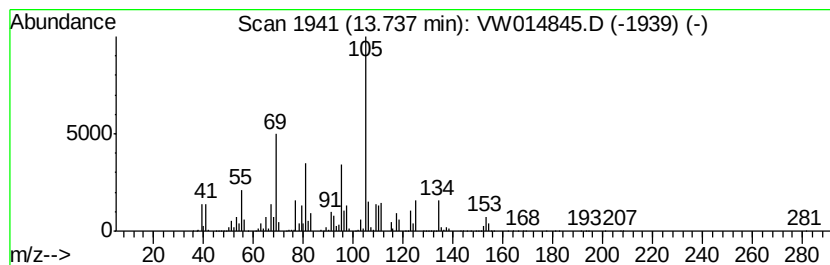
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Quant Title : VOC Analysis

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

Peak Number 32 Benzene, 1-methyl-3-propyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	11.62 ug/L	2868610	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	50
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	50
3		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	45
4		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	45
5		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT44

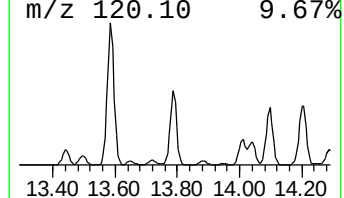
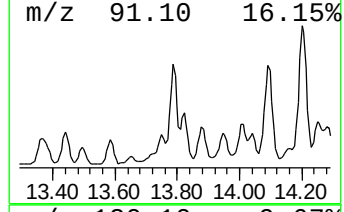
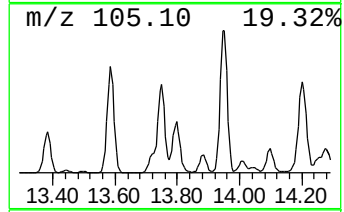
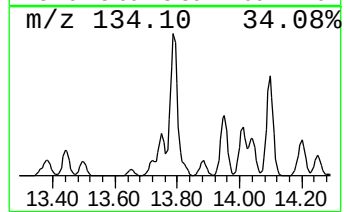
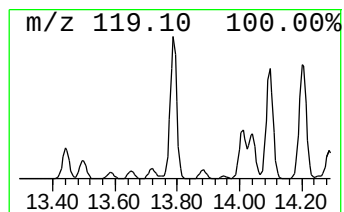
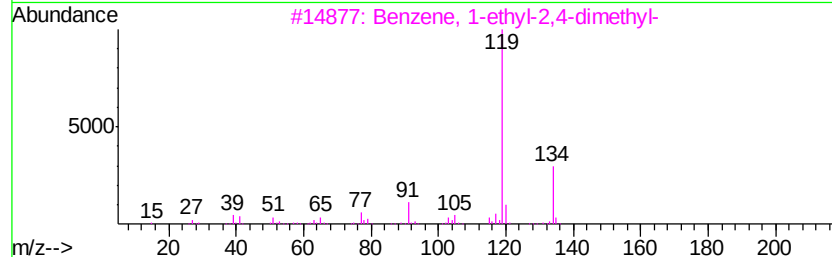
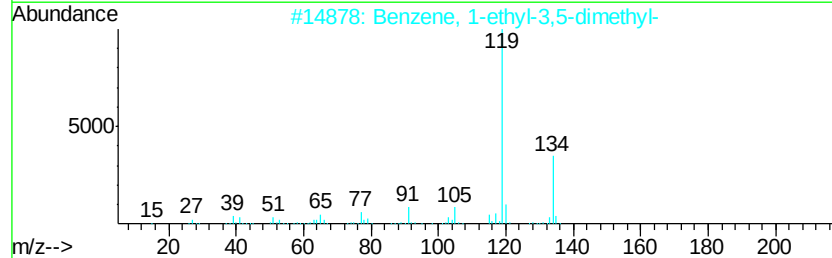
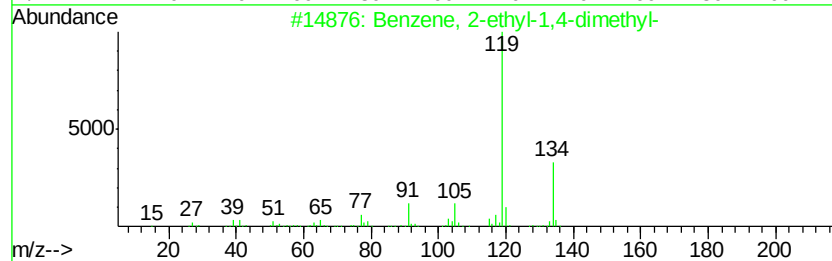
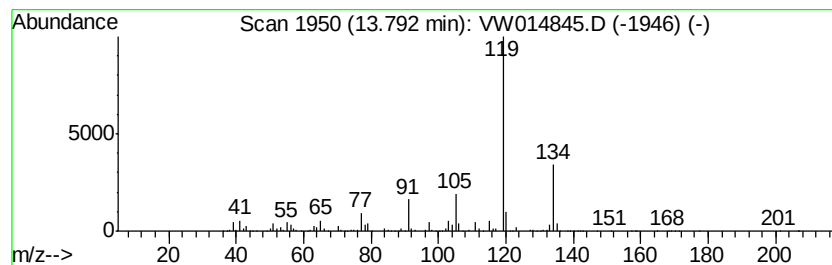
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Quant Title : VOC Analysis

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

Peak Number 33 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	34.56 ug/L	8527300	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	93
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

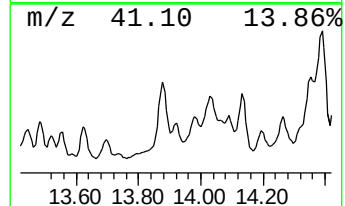
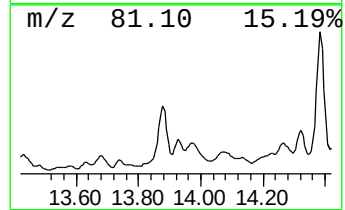
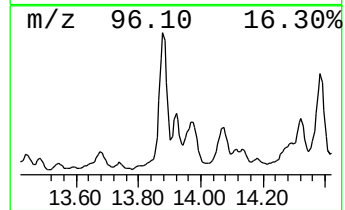
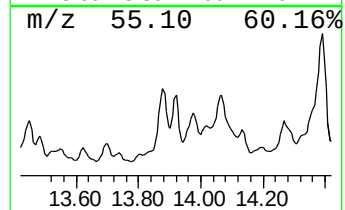
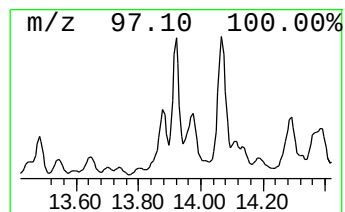
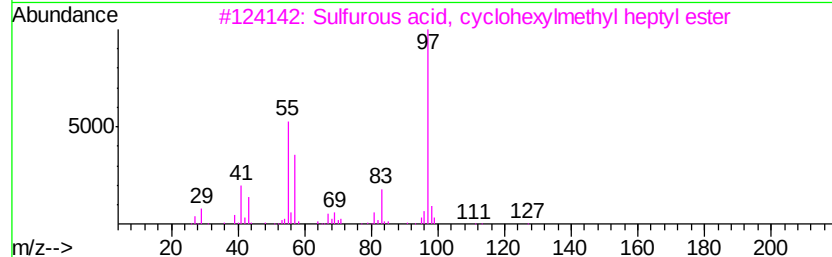
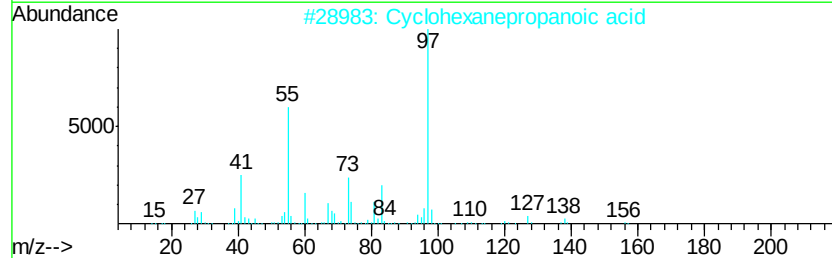
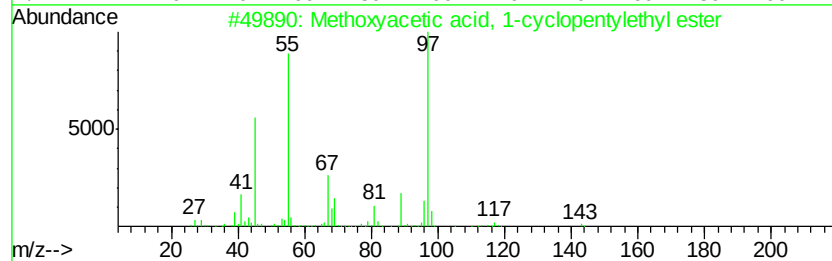
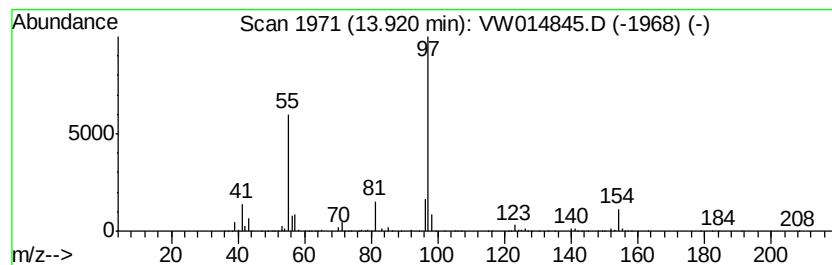
Instrument :
MSVOA_W
ClientSampleId :
GAT44

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 34 Methoxyacetic acid, 1-cyclo... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	20.17 ug/L	4977280	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Methoxyacetic acid, 1-cyclopentyl...	186 C10H18O3	1000282-69-5 56
2		Cyclohexanepropanoic acid	156 C9H16O2	000701-97-3 40
3		Sulfurous acid, cyclohexylmethyl...	276 C14H28O3S	1000309-21-7 38
4		Oxalic acid, cyclohexylmethyl is...	270 C15H26O4	1000309-68-3 38
5		Cyclohexane, 1,1-dimethyl-	112 C8H16	000590-66-9 38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

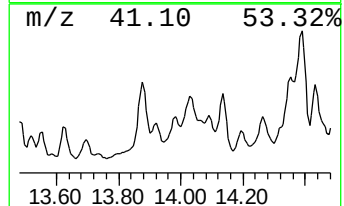
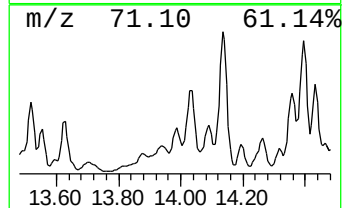
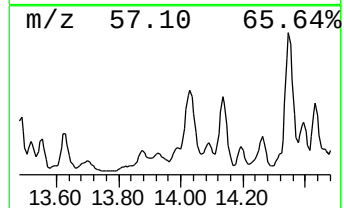
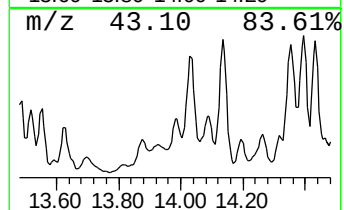
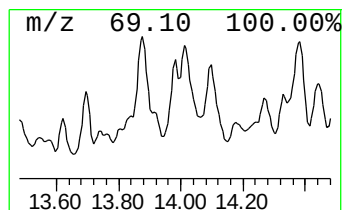
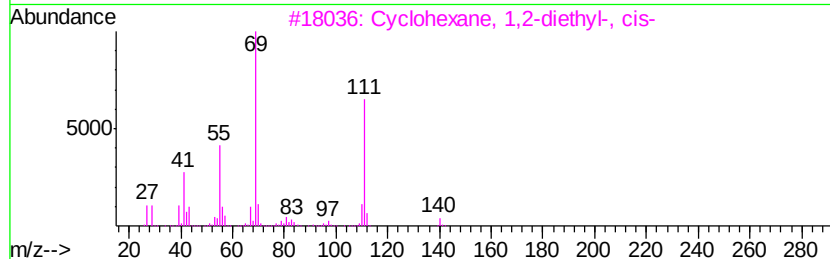
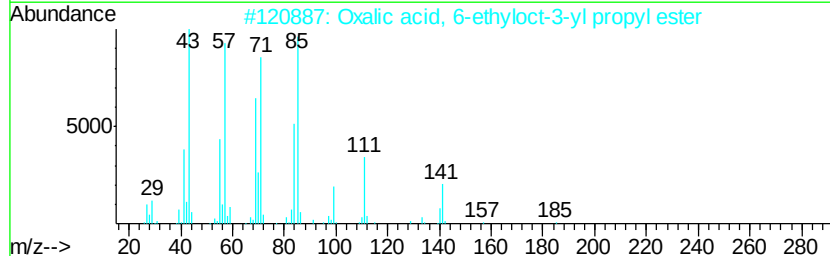
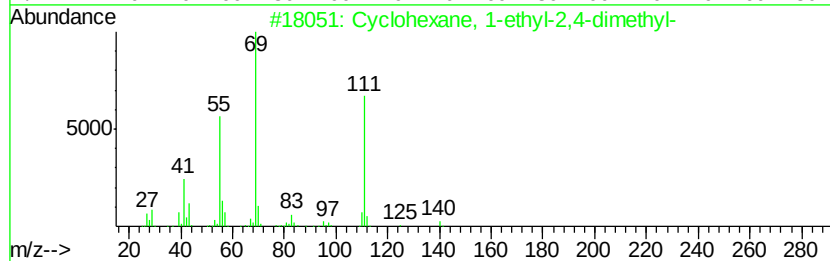
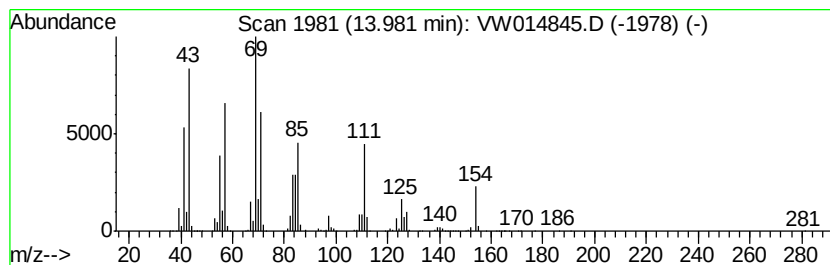
Instrument :
MSVOA_W
ClientSampleId :
GAT44

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 35 (DEL) Alkane: Cyclic13.98 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.98	34.39 ug/L	8486130	1,4-Dichlorobenzene-d4	13.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	38
2	Oxalic acid, 6-ethyloct-3-yl pro...	272	C15H28O4	1000309-34-0	30
3	Cyclohexane, 1,2-diethyl-, cis-	140	C10H20	000824-43-1	27
4	Cyclooctanemethanol	142	C9H18O	003637-63-6	27
5	2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT44

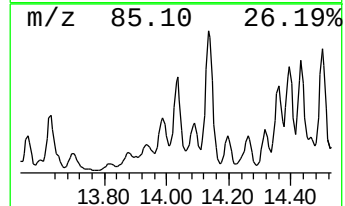
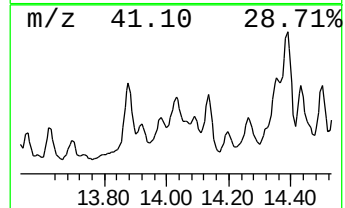
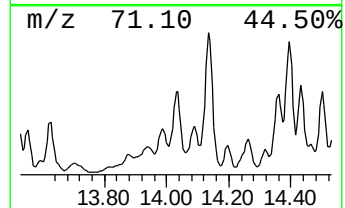
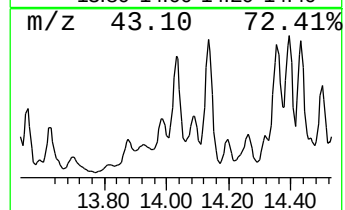
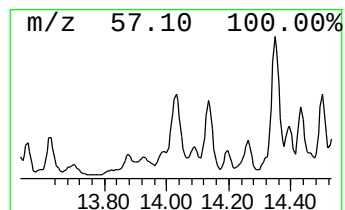
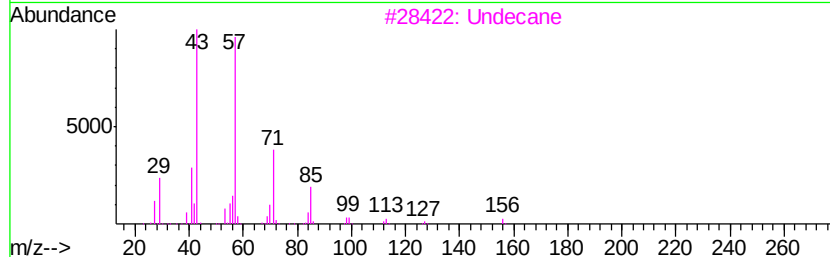
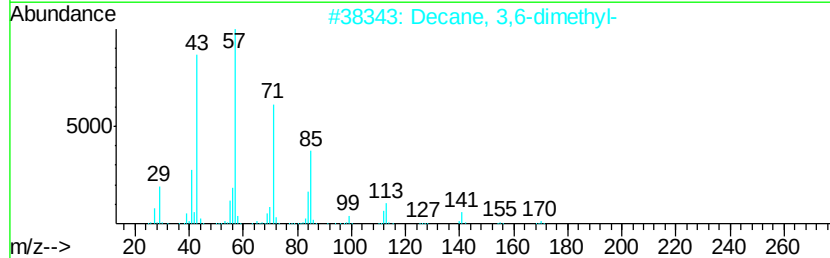
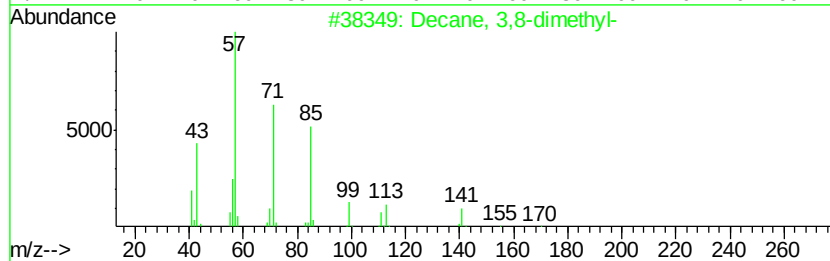
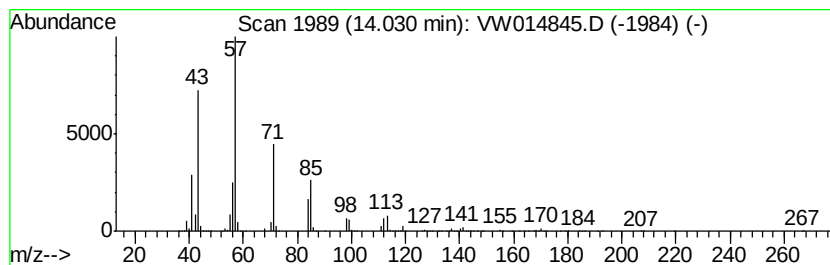
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Quant Title : VOC Analysis

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	73.59 ug/L	18158900	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83
2		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	74
3		Undecane	156	C11H24	001120-21-4	72
4		2,6-Dimethyldecane	170	C12H26	013150-81-7	68
5		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT44

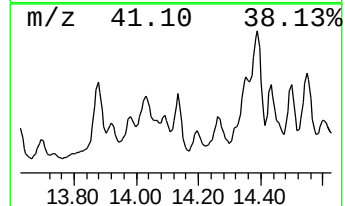
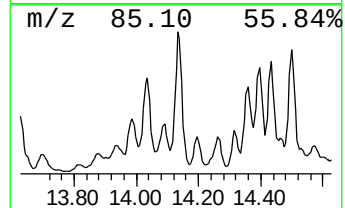
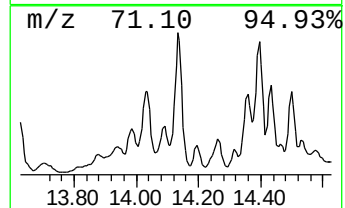
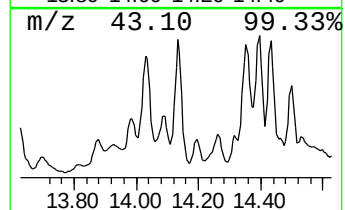
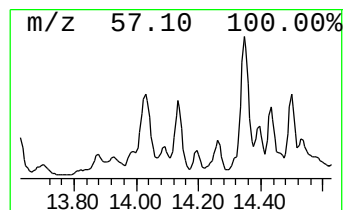
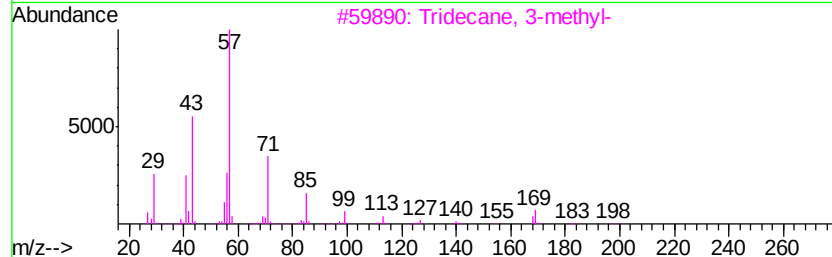
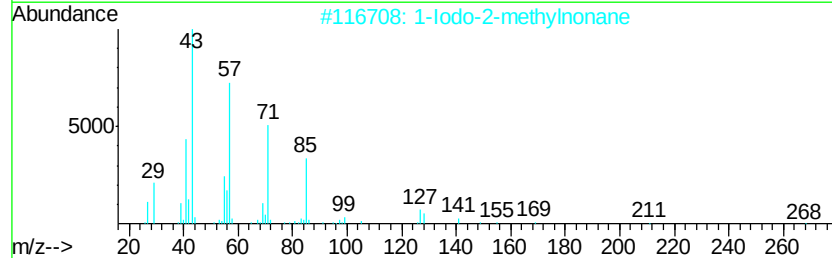
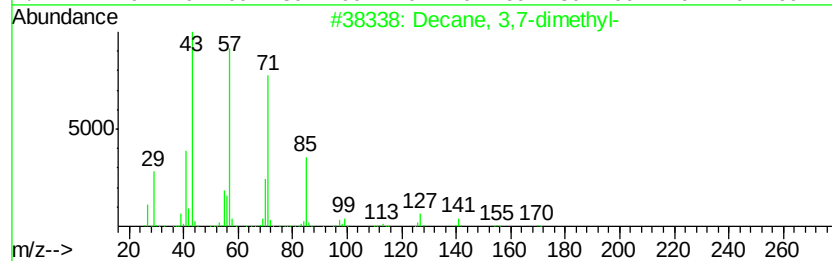
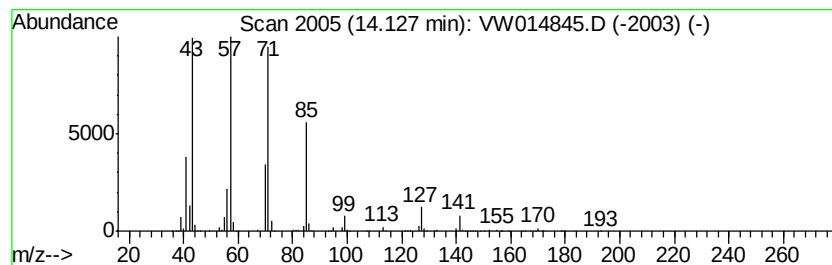
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Quant Title : VOC Analysis

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	109.79 ug/L	27092200	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	94
2		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	78
3		Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	64
5		Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT44

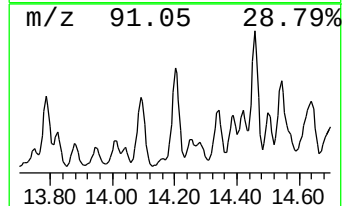
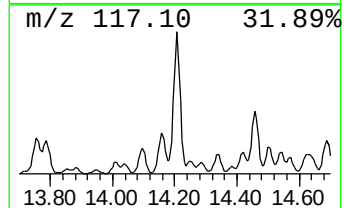
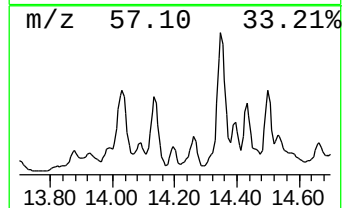
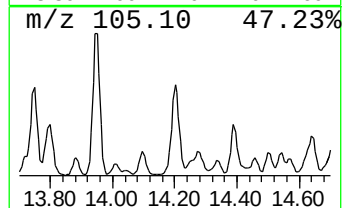
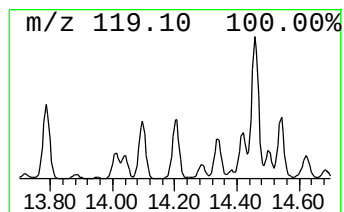
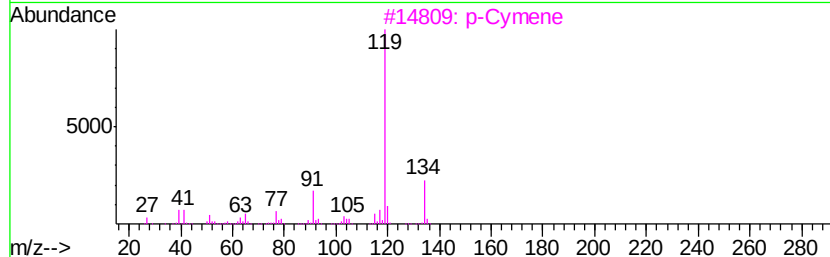
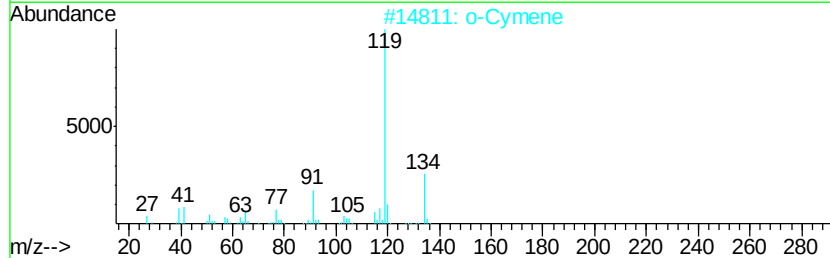
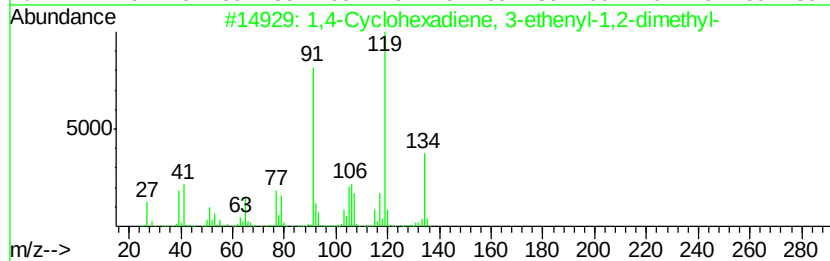
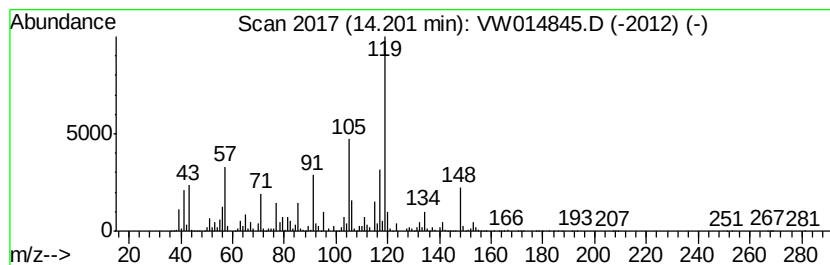
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Quant Title : VOC Analysis

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

Peak Number 39 1,4-Cyclohexadiene, 3-ethen... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	97.00 ug/L	23935700	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	53
2		o-Cymene	134	C10H14	000527-84-4	50
3		p-Cymene	134	C10H14	000099-87-6	50
4		6,7-Dimethyl-3,5,8,8a-tetrahydro...	164	C11H16O	110028-10-9	49
5		o-Cymene	134	C10H14	000527-84-4	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

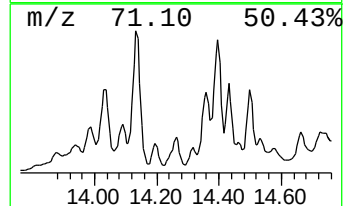
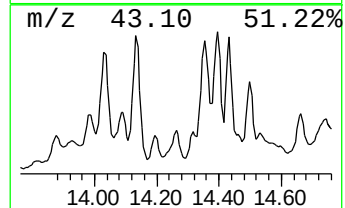
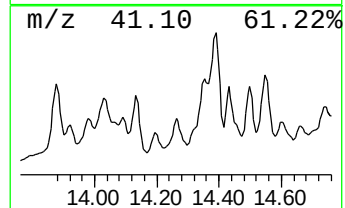
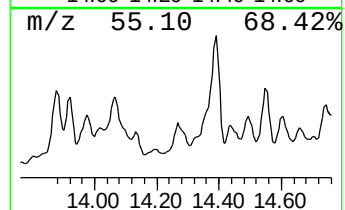
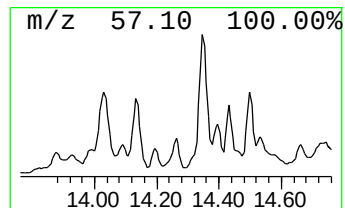
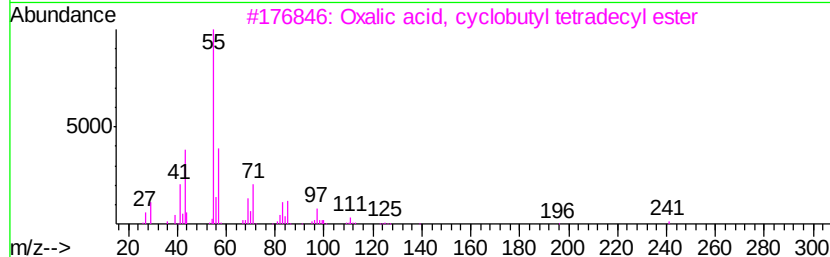
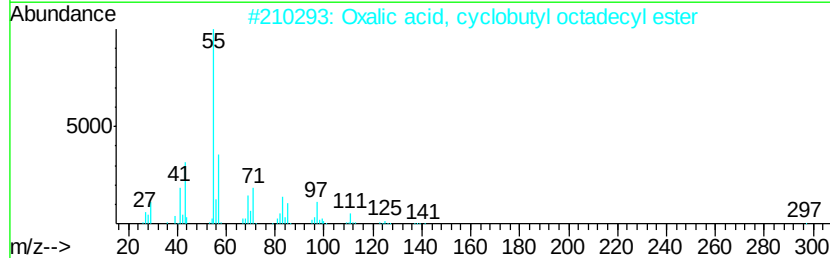
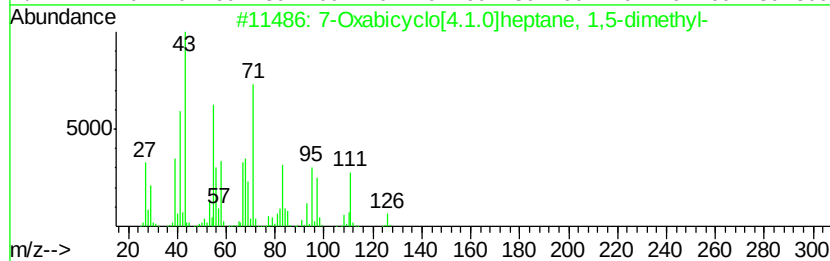
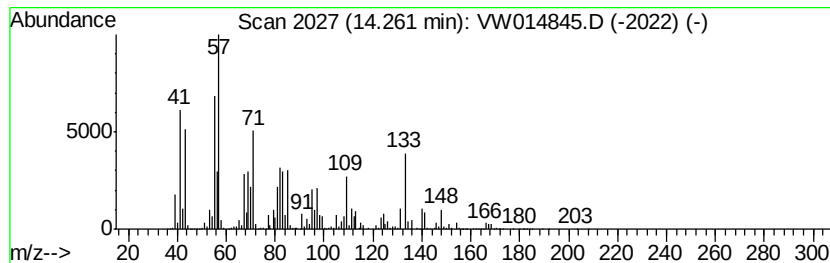
Instrument :
MSVOA_W
ClientSampleId :
GAT44

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 40 unknown-03 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	89.42 ug/L	22066600	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	7-Oxabicyclo[4.1.0]heptane, 1,5-...	126 C8H14O	162239-52-3	30
2	Oxalic acid, cyclobutyl octadecy...	396 C24H44O4	1000309-70-8	30
3	Oxalic acid, cyclobutyl tetradec...	340 C20H36O4	1000309-70-9	30
4	Heptane, 2,6-dimethyl-	128 C9H20	001072-05-5	30
5	Undecane, 5-methyl-	170 C12H26	001632-70-8	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT44

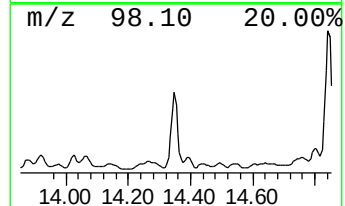
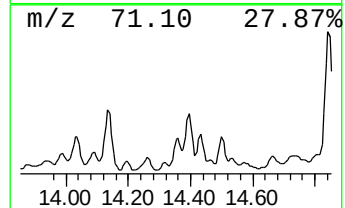
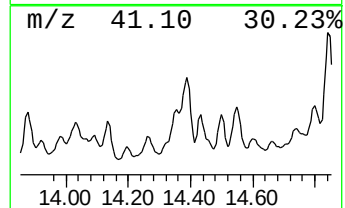
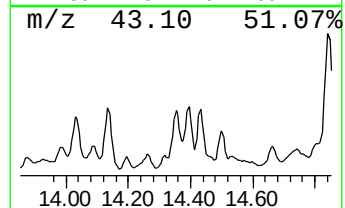
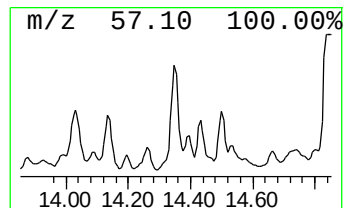
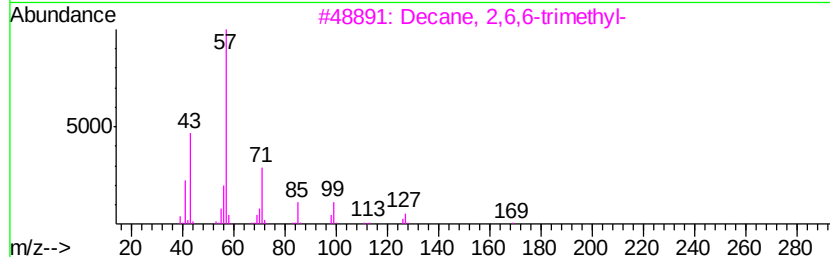
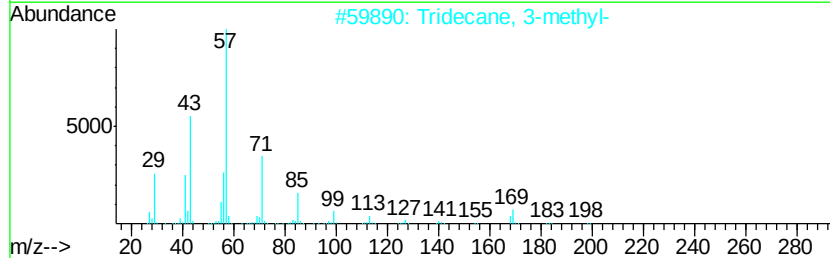
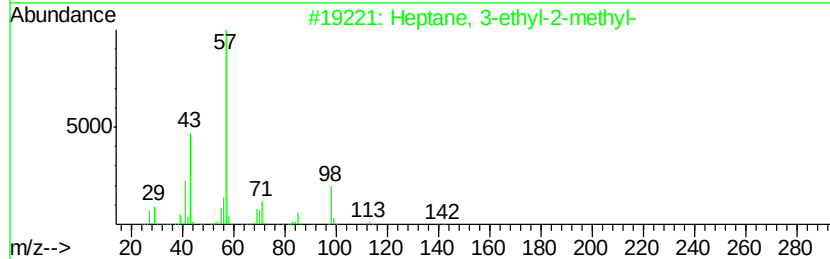
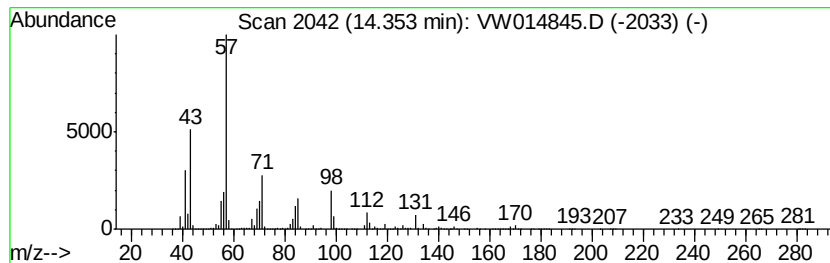
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Quant Title : VOC Analysis

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	210.39 ug/L	51918200	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
2		Tridecane, 3-methyl-	198	C14H30	006418-41-3	50
3		Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	50
4		Decane	142	C10H22	000124-18-5	50
5		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

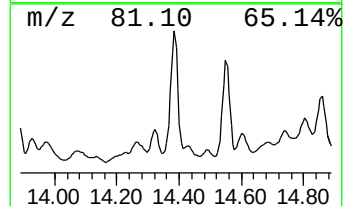
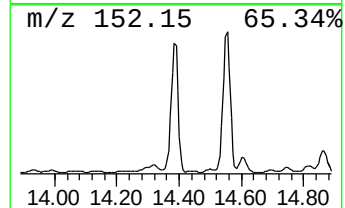
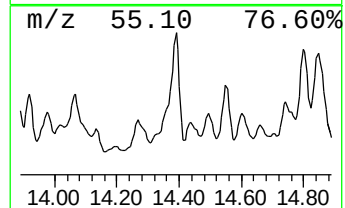
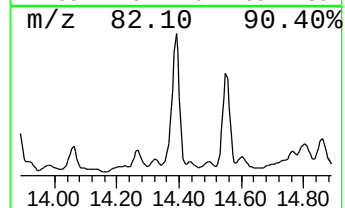
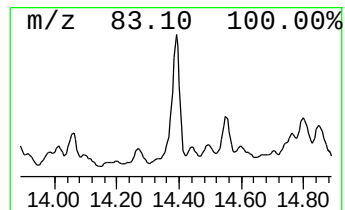
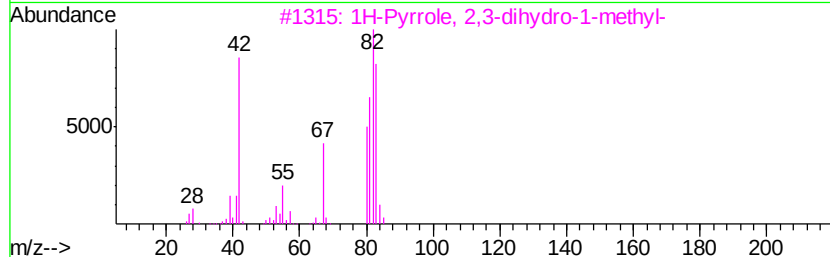
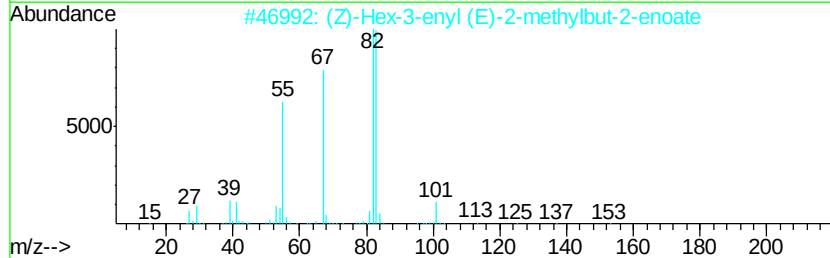
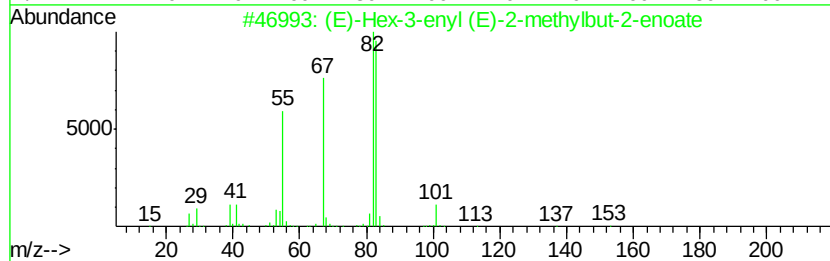
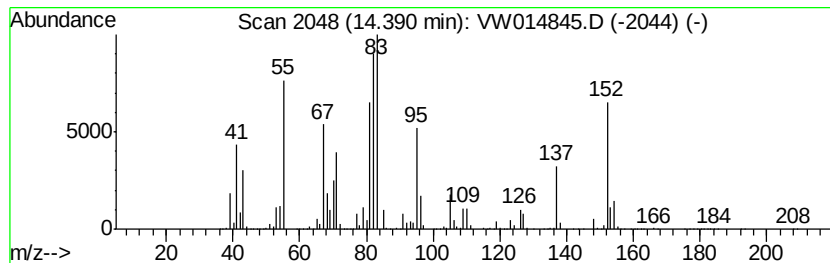
Instrument :
MSVOA_W
ClientSampleId :
GAT44

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 42 unknown-04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	252.96 ug/L	62421500	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	(E)-Hex-3-enyl (E)-2-methylbut-2...	182 C11H18O2	1000373-74-1	43
2	(Z)-Hex-3-enyl (E)-2-methylbut-2...	182 C11H18O2	1000373-73-0	43
3	1H-Pyrrole, 2,3-dihydro-1-methyl-	83 C5H9N	033838-11-8	43
4	Cyclohexane, pentyl-	154 C11H22	004292-92-6	38
5	Cyclohexane, pentyl-	154 C11H22	004292-92-6	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT44

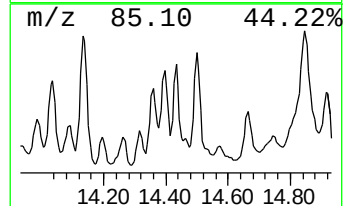
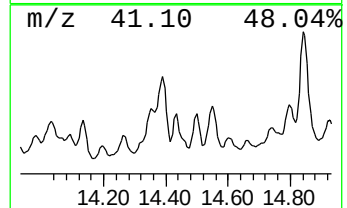
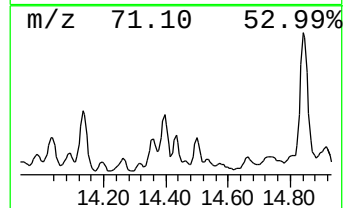
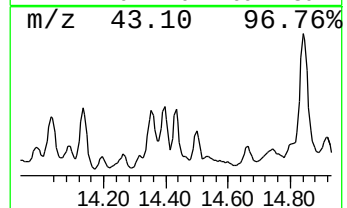
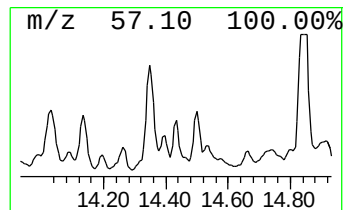
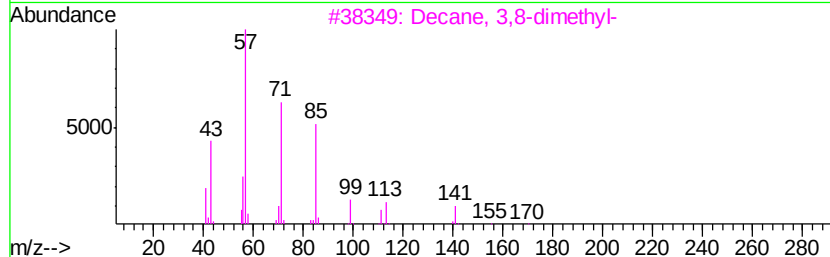
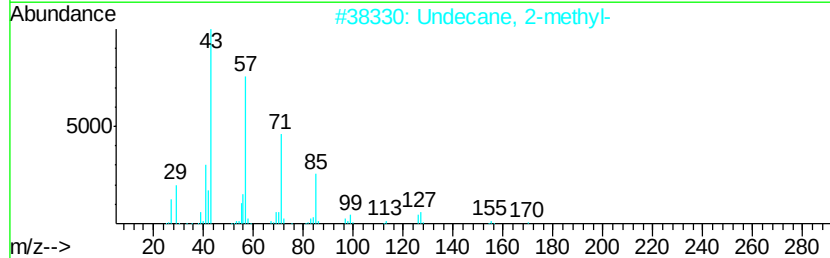
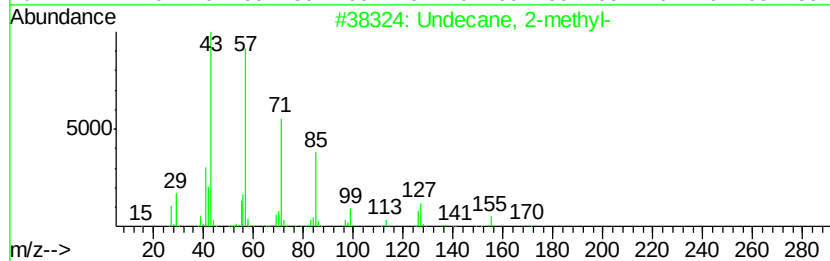
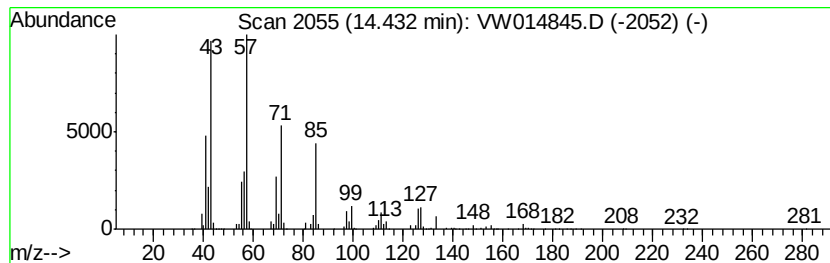
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Quant Title : VOC Analysis

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

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	56.73 ug/L	13999700	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2-methyl-	170	C12H26	007045-71-8	91
2		Undecane, 2-methyl-	170	C12H26	007045-71-8	74
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	58
4		Undecane, 3-methyl-	170	C12H26	001002-43-3	58
5		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT44

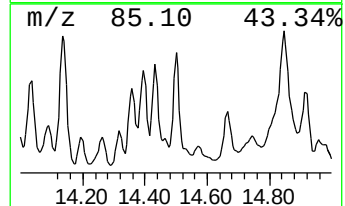
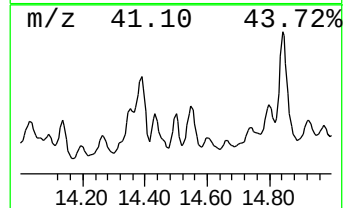
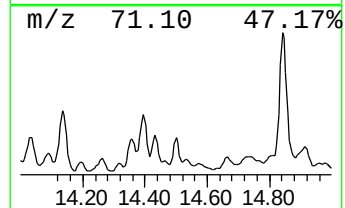
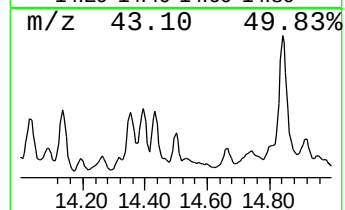
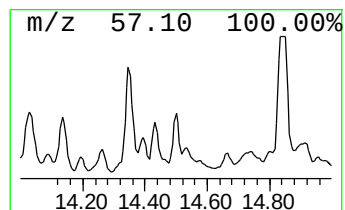
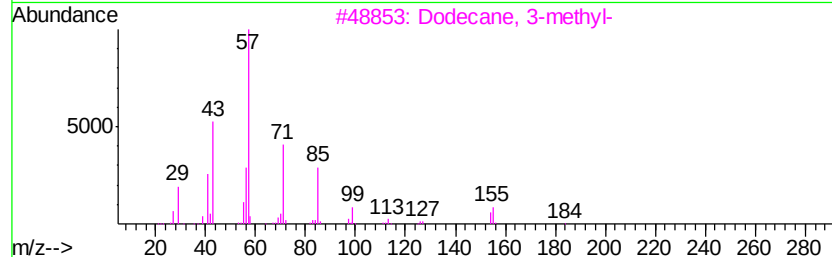
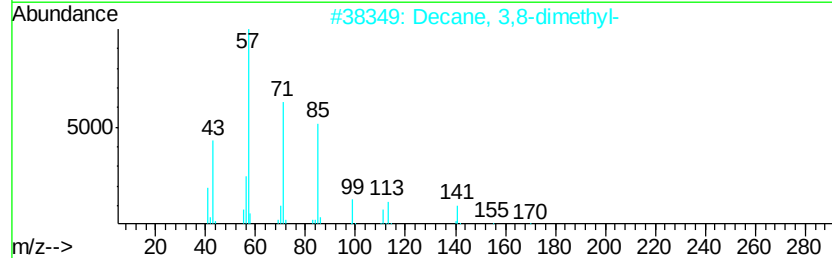
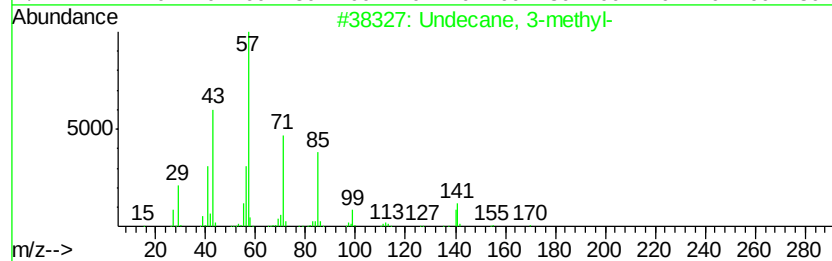
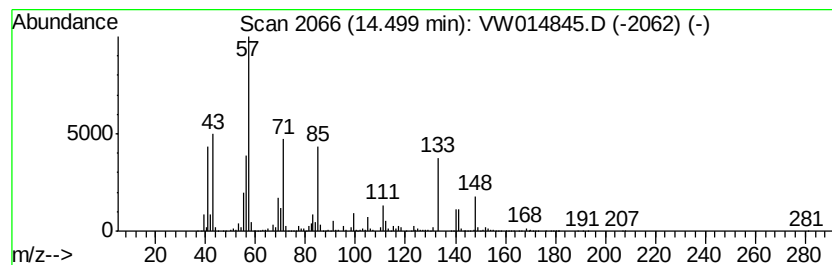
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Quant Title : VOC Analysis

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	85.10 ug/L	20999800	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3-methyl-	170	C12H26	001002-43-3	68
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
4		Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	50
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT44

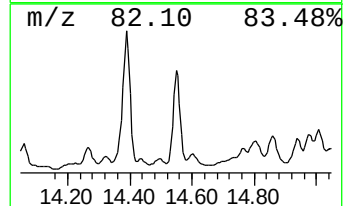
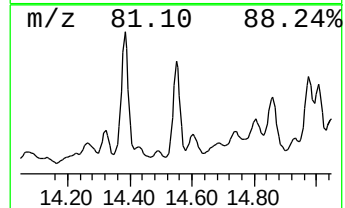
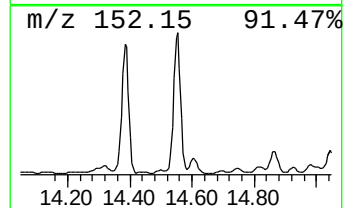
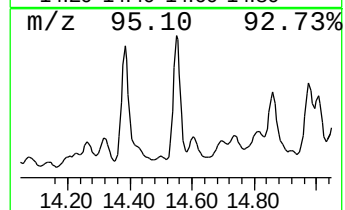
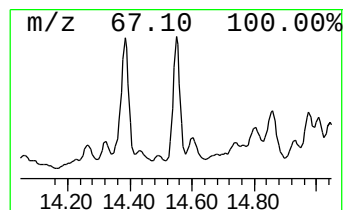
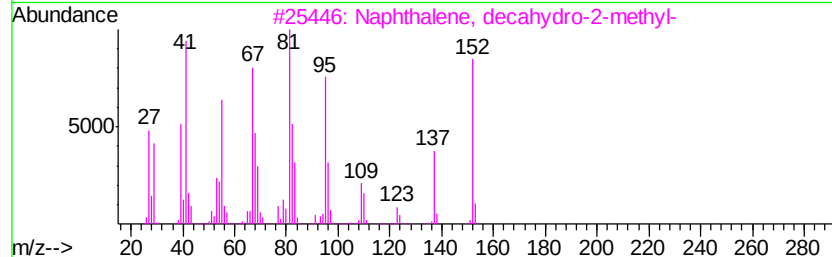
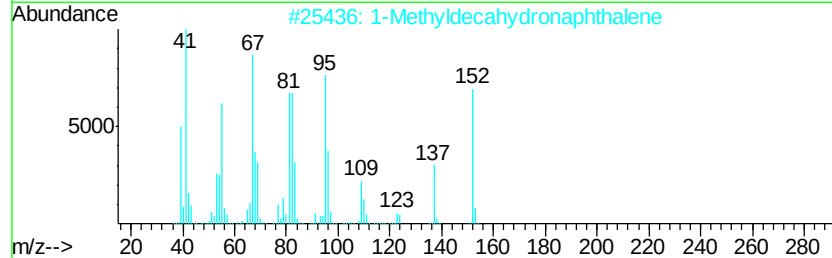
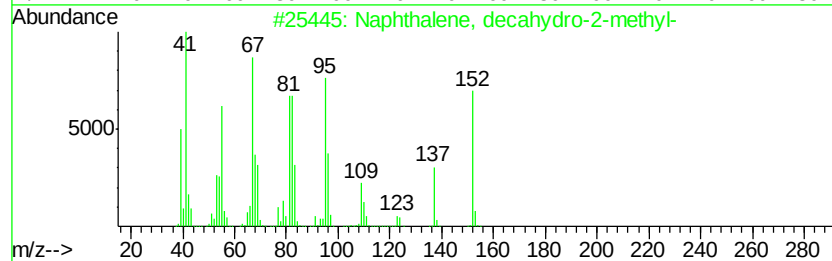
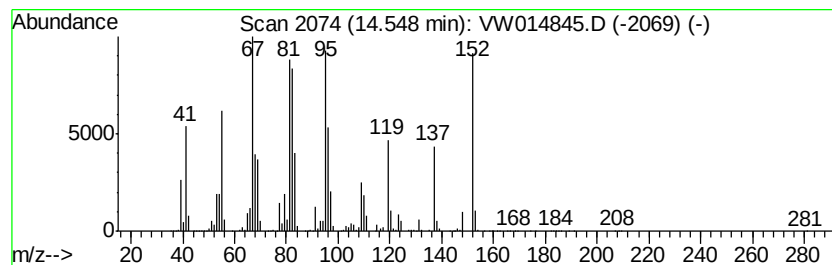
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Quant Title : VOC Analysis

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

Peak Number 45 Naphthalene, decahydro-2-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	212.24 ug/L	52375100	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
2		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
3		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
4		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	89
5		Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

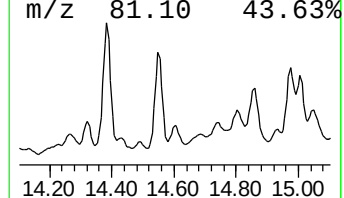
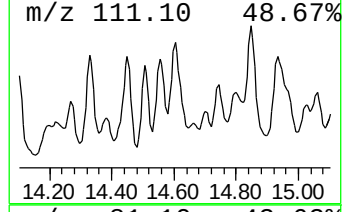
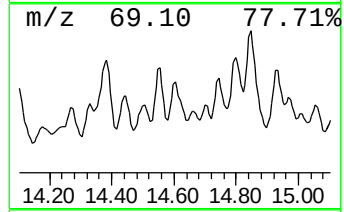
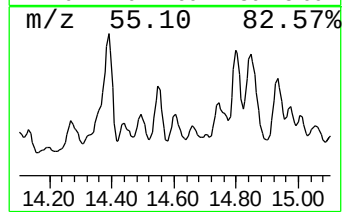
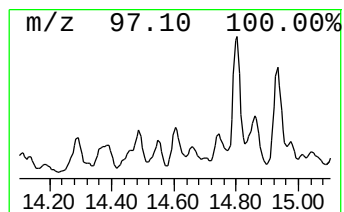
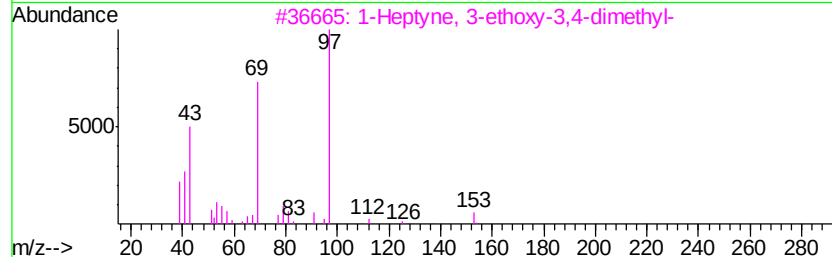
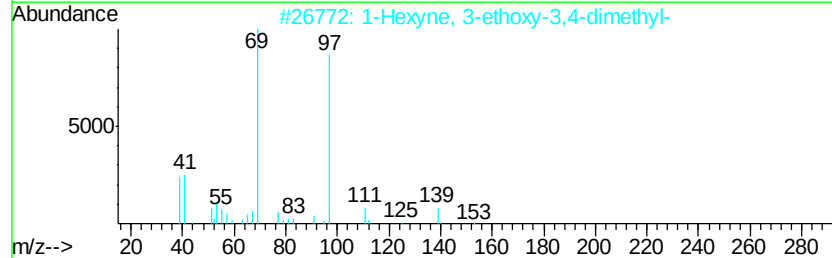
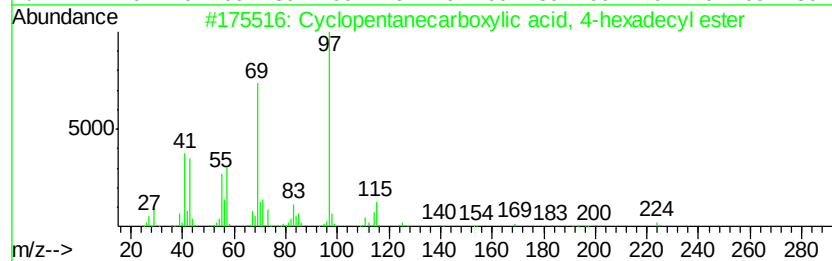
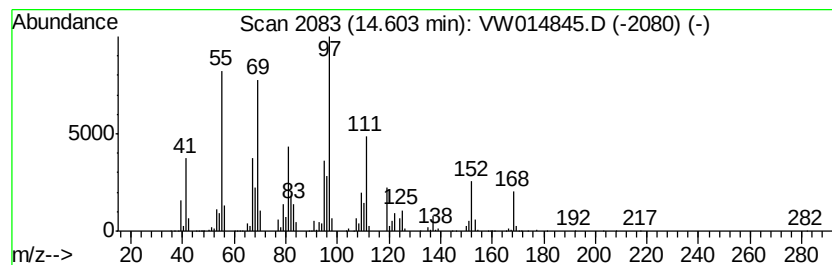
Instrument :
MSVOA_W
ClientSampleId :
GAT44

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 46 unknown-05 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	41.86 ug/L	10330800	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentanecarboxylic acid, 4-h...	338 C22H42O2	1000282-77-5 38
2		1-Hexyne, 3-ethoxy-3,4-dimethyl-	154 C10H18O	054244-91-6 38
3		1-Heptyne, 3-ethoxy-3,4-dimethyl-	168 C11H20O	054411-04-0 38
4		Cyclooctanecarboxaldehyde	140 C9H16O	006688-11-5 35
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126 C9H18	004926-78-7 22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT44

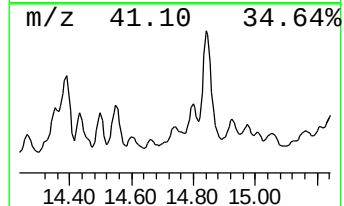
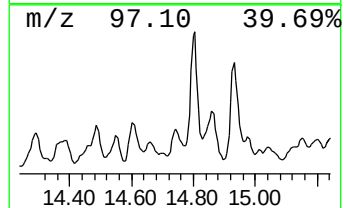
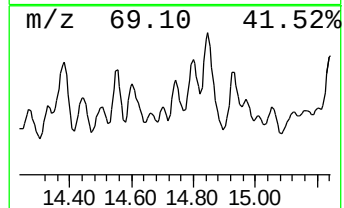
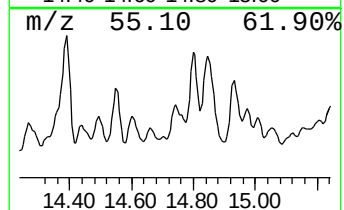
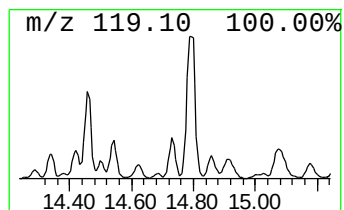
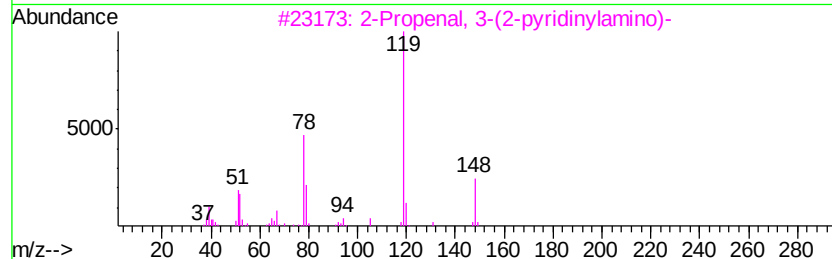
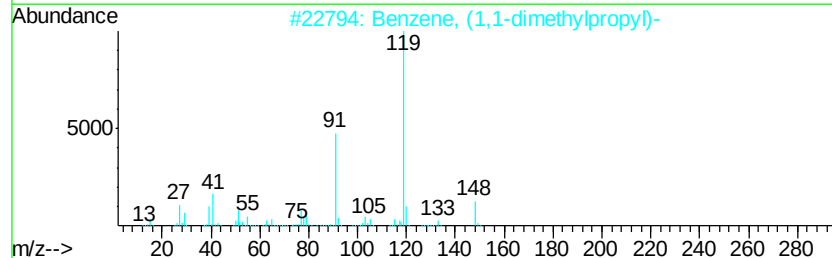
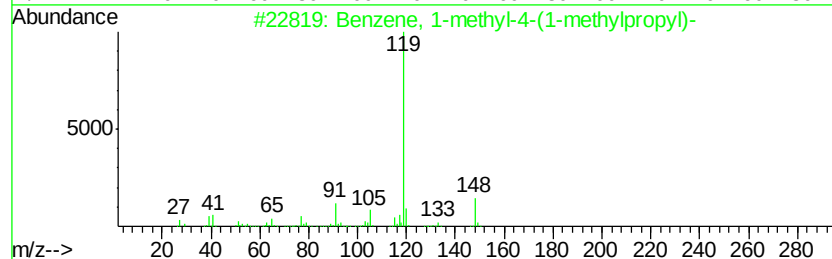
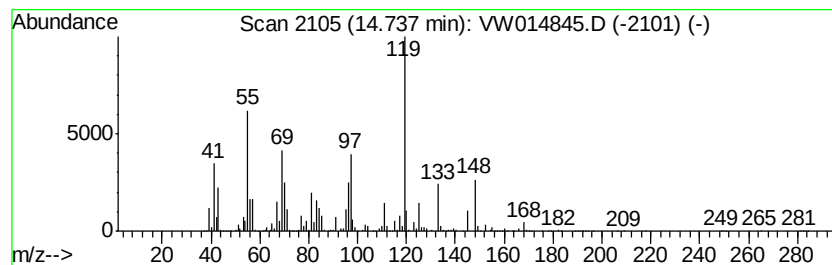
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Quant Title : VOC Analysis

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

Peak Number 47 unknown-06 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	76.78 ug/L	18945600	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	38
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	35
3		2-Propenal, 3-(2-pyridinylamino)-	148	C8H8N2O	068970-82-1	35
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	30
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT44

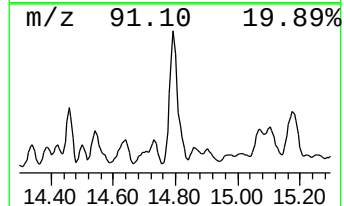
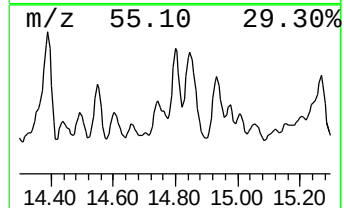
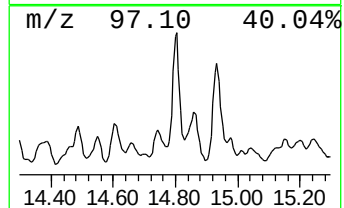
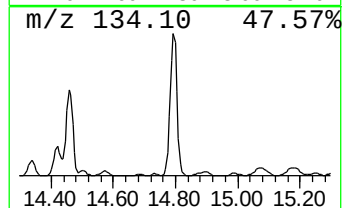
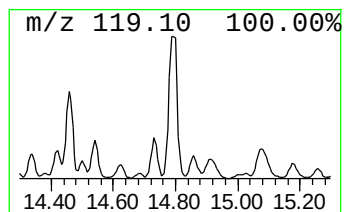
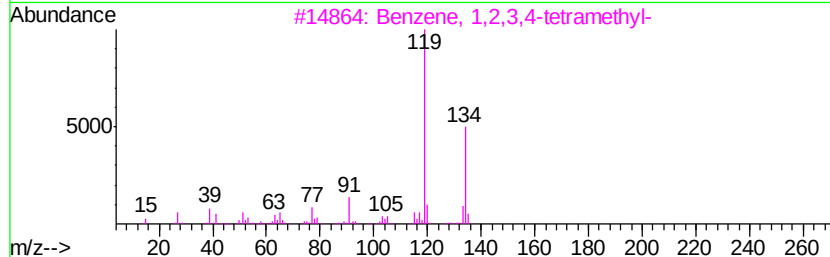
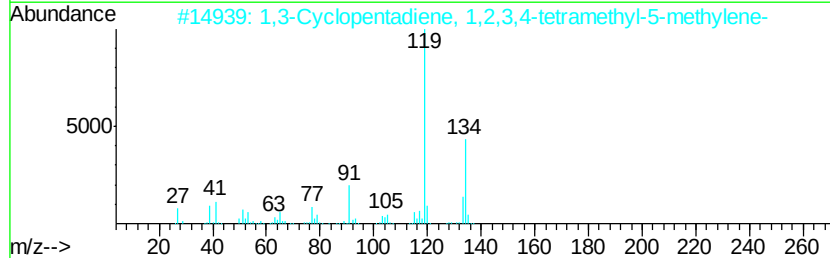
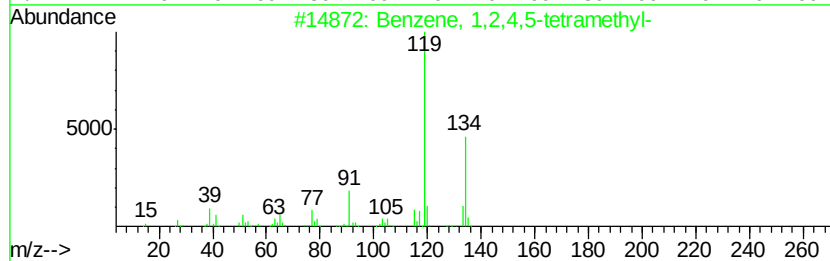
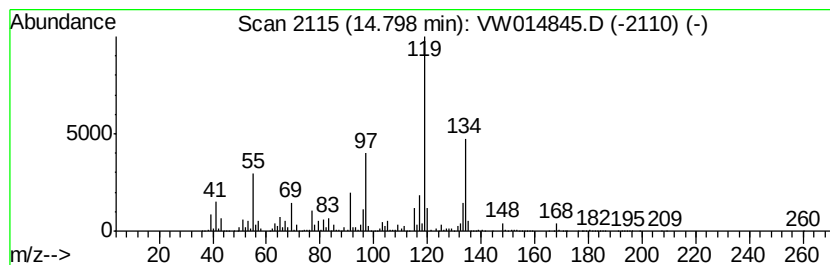
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Quant Title : VOC Analysis

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

Peak Number 48 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	340.45 ug/L	84012000	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	95
2		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	92
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	92
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5		o-Cymene	134	C10H14	000527-84-4	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAT44

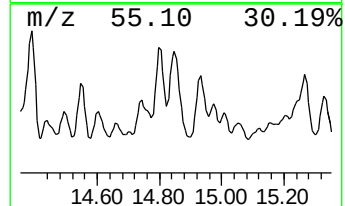
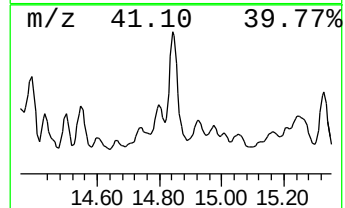
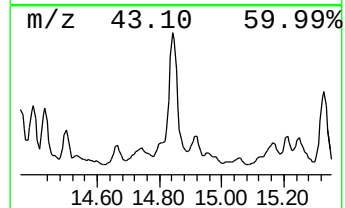
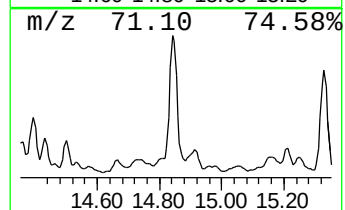
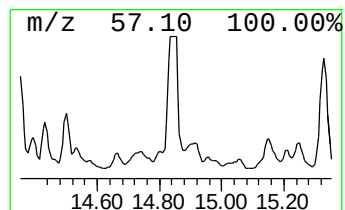
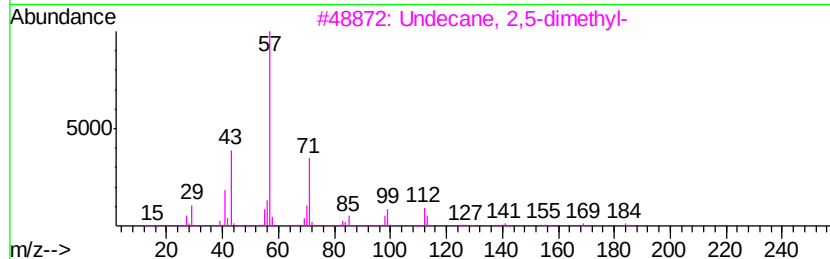
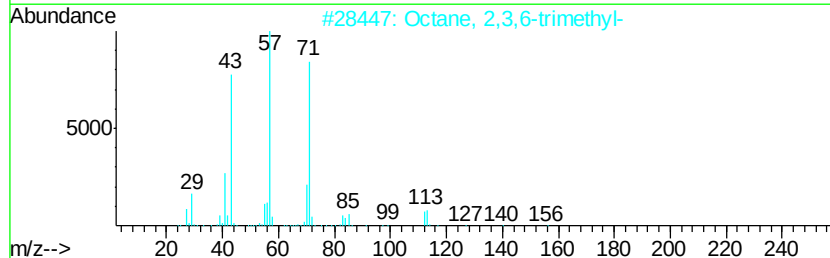
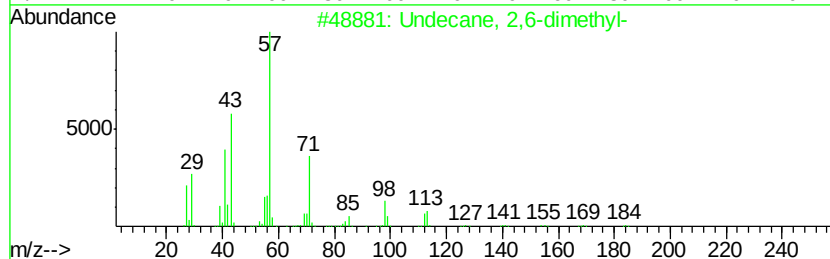
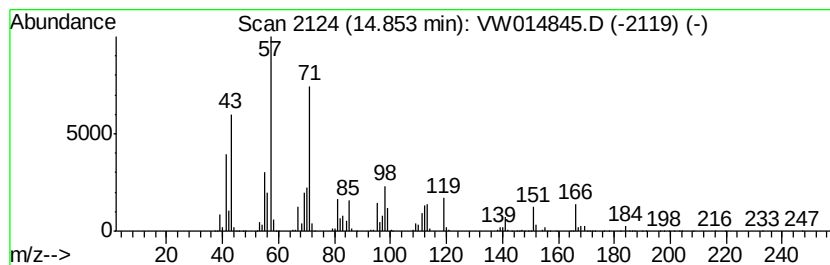
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Quant Title : VOC Analysis

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

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	418.55 ug/L	103285000	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70
2		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	59
3		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	58
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	58
5		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

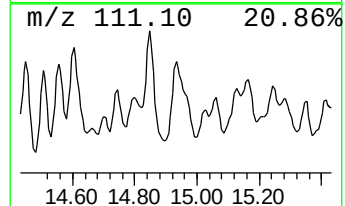
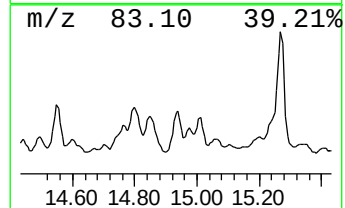
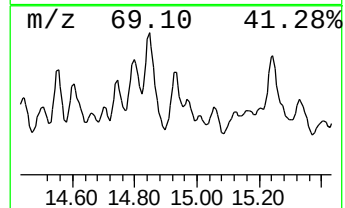
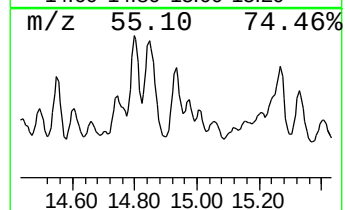
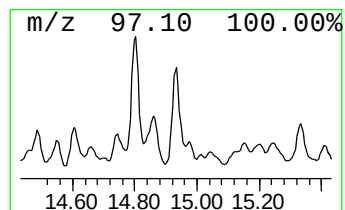
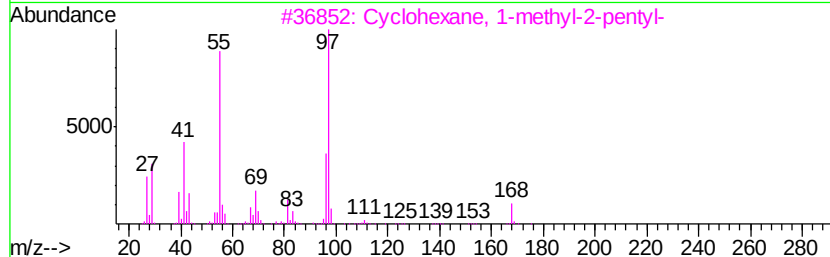
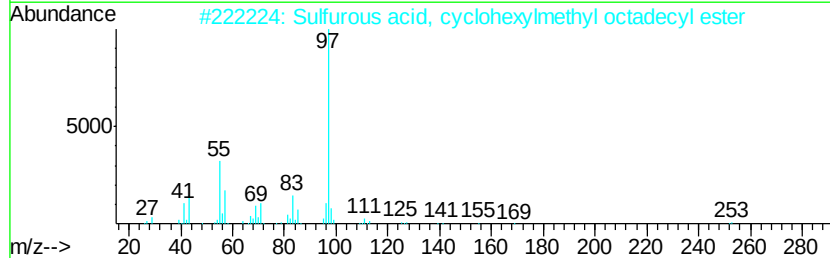
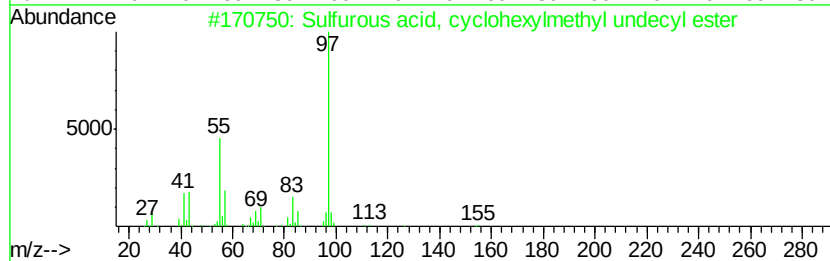
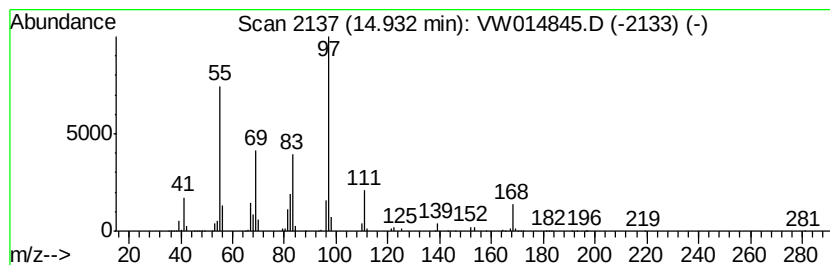
Instrument :
MSVOA_W
ClientSampleId :
GAT44

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 50 Sulfurous acid, cyclohexylm... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.93	50.25 ug/L	12400700	1,4-Dichlorobenzene-d4	13.55		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	64
2		Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	64
3		Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	58
4		Cyclohexane, (bromomethyl)-	176	C7H13Br	002550-36-9	53
5		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT44

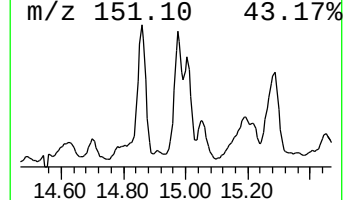
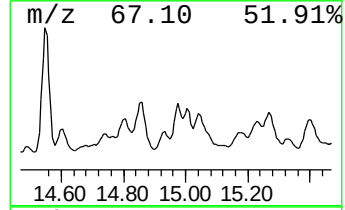
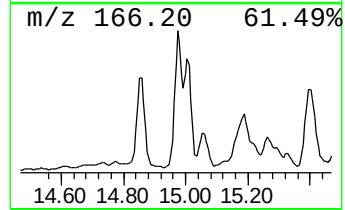
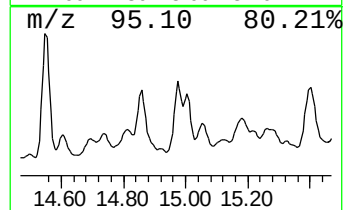
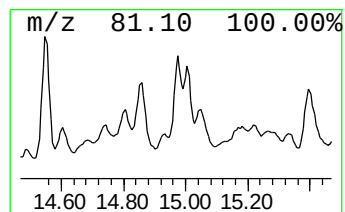
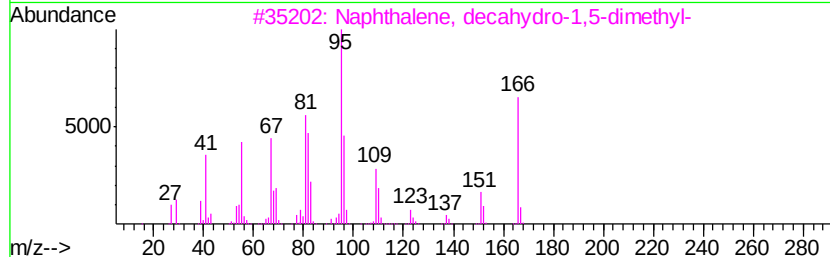
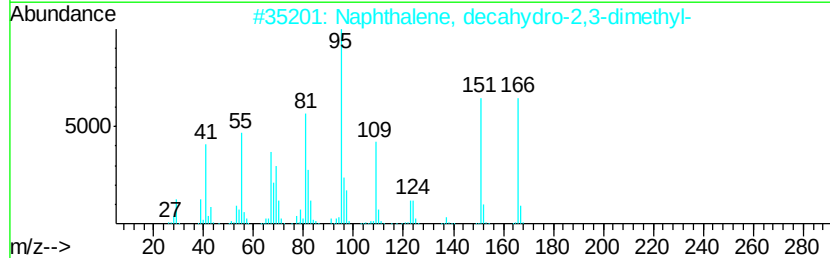
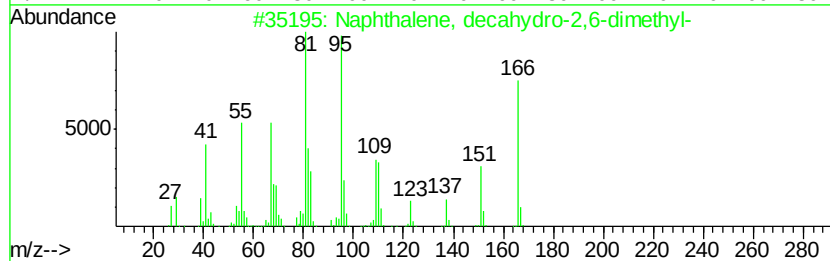
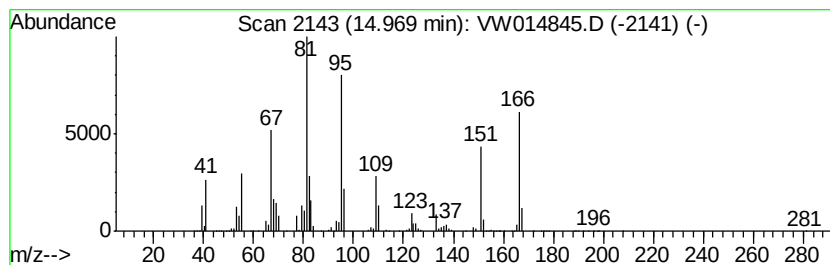
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Quant Title : VOC Analysis

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

Peak Number 51 Naphthalene, decahydro-2,6-... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	43.10 ug/L	10636300	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	91
2		Naphthalene, decahydro-2,3-dimet...	166	C12H22	001008-80-6	62
3		Naphthalene, decahydro-1,5-dimet...	166	C12H22	066552-62-3	60
4		cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	55
5		Naphthalene, decahydro-1,6-dimet...	166	C12H22	001750-51-2	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT44

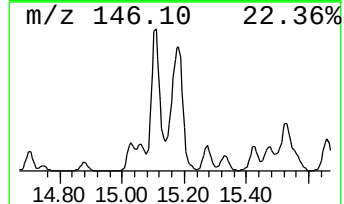
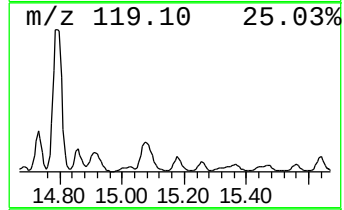
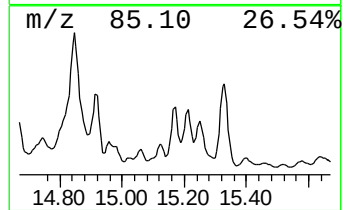
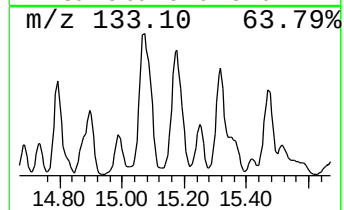
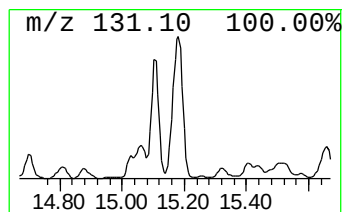
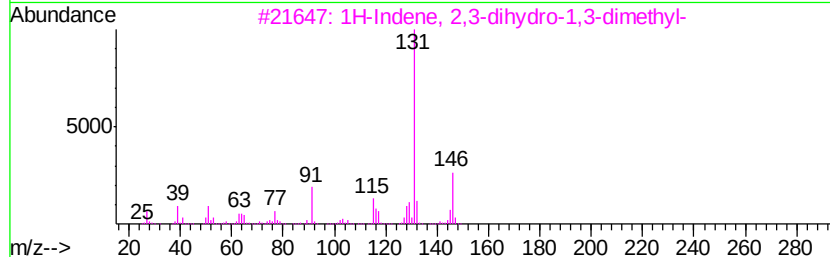
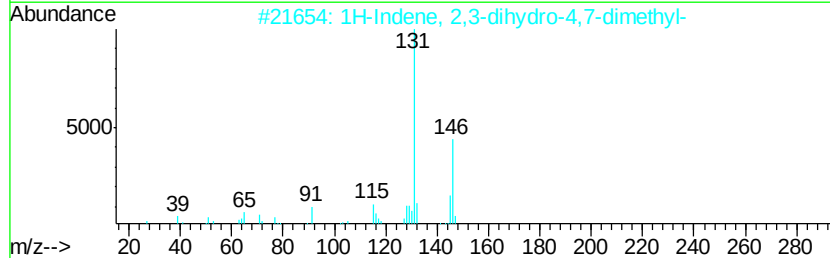
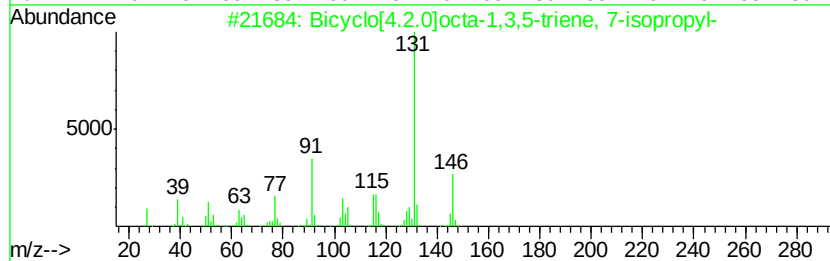
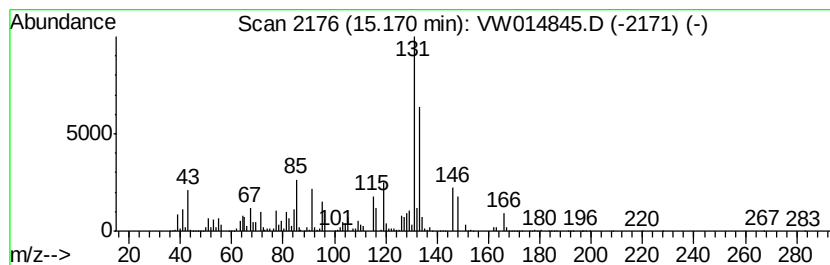
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Quant Title : VOC Analysis

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

Peak Number 52 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	172.19 ug/L	42490600	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	55
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55
3		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	55
4		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	55
5		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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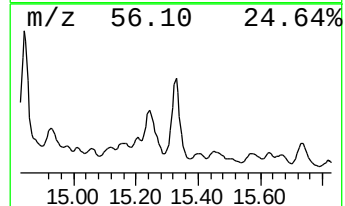
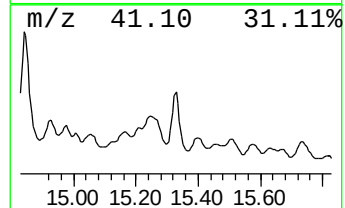
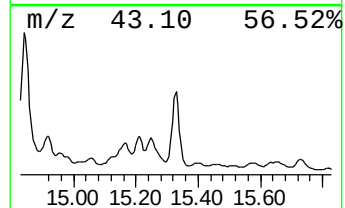
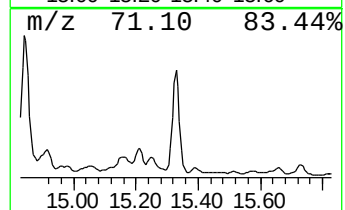
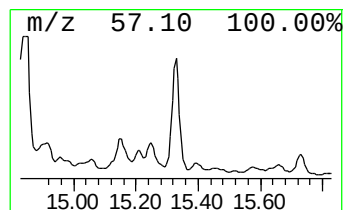
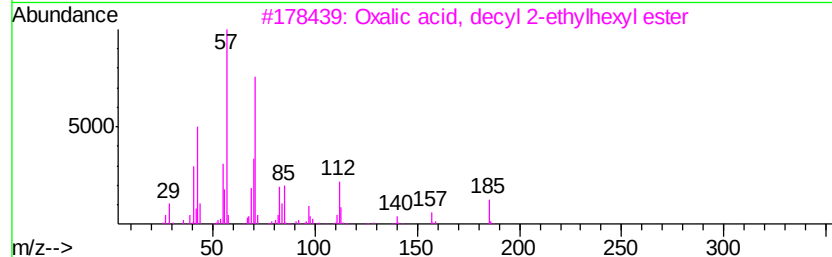
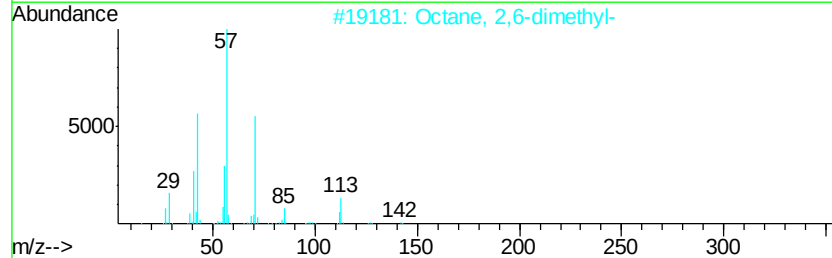
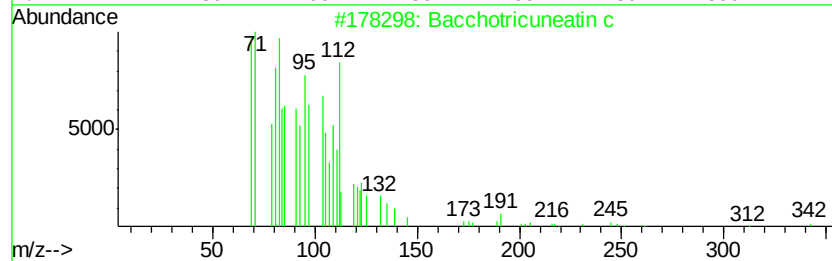
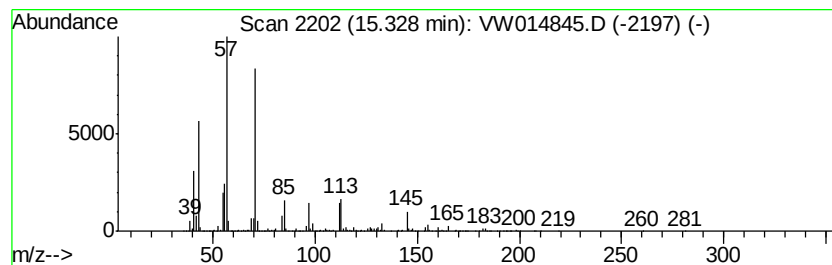
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Quant Title : VOC Analysis

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

Peak Number 53 Bacchotricuneatin c Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	248.30 ug/L	61272000	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	74
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3		Oxalic acid, decyl 2-ethylhexyl ...	342	C20H38O4	1000309-39-3	72
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT44

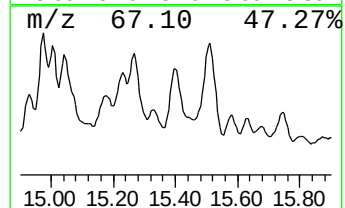
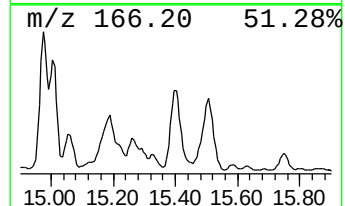
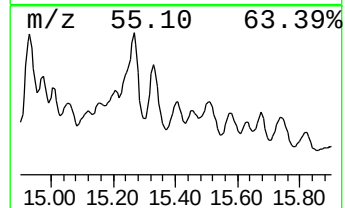
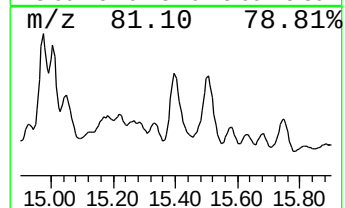
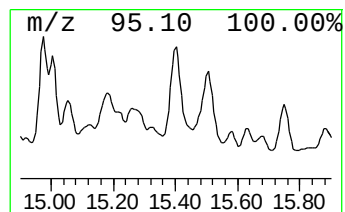
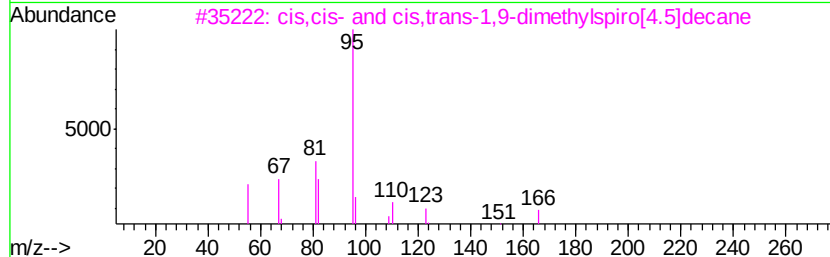
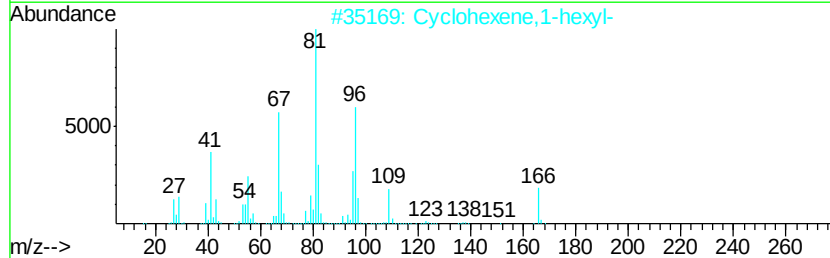
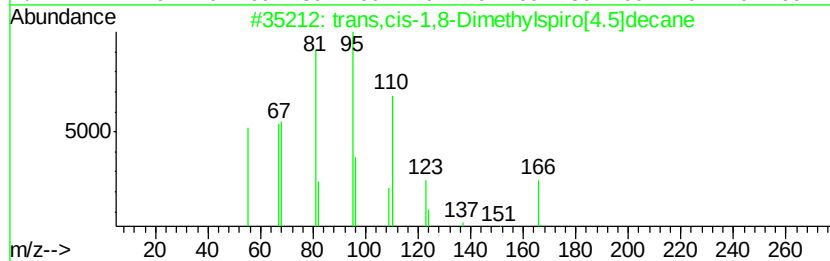
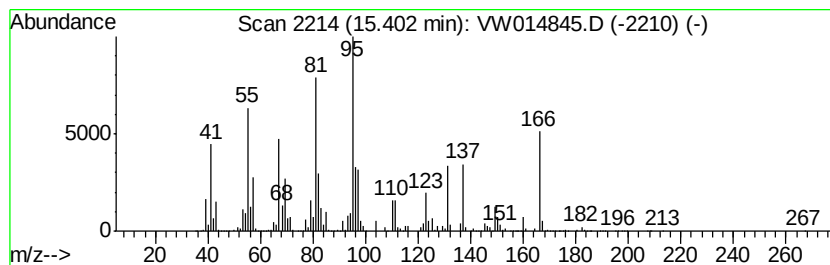
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Quant Title : VOC Analysis

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

Peak Number 54 trans,cis-1,8-Dimethylspiro... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	56.14 ug/L	13853200	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans,cis-1,8-Dimethylspiro[4.5]...	166	C12H22	1000111-72-9	58
2		Cyclohexene,1-hexyl-	166	C12H22	003964-66-7	55
3		cis,cis- and cis,trans-1,9-dimet...	166	C12H22	1000111-72-5	55
4		cis, cis-2-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-40-0	52
5		trans,cis-1,7-Dimethylspiro[4.5]...	166	C12H22	1000111-72-7	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT44

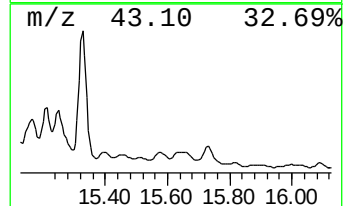
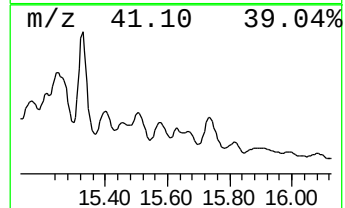
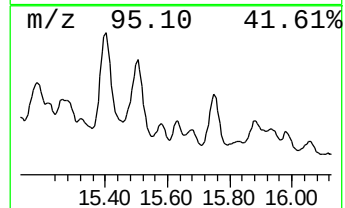
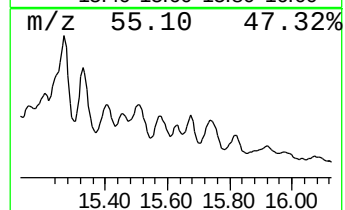
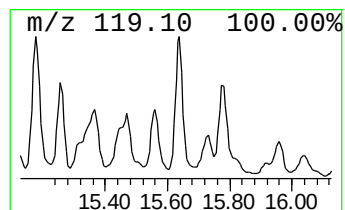
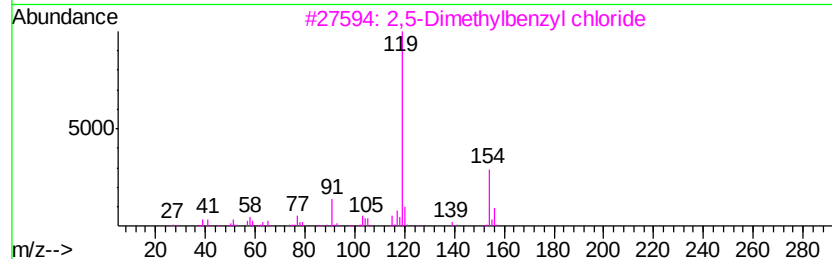
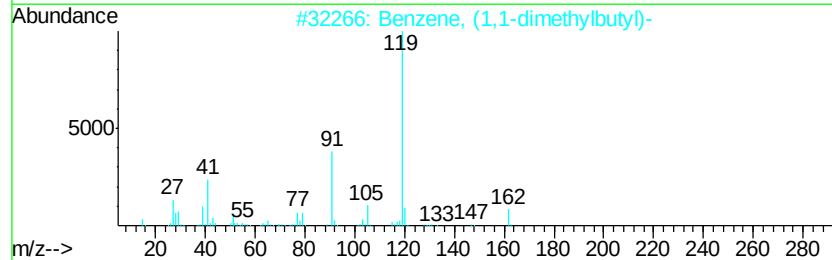
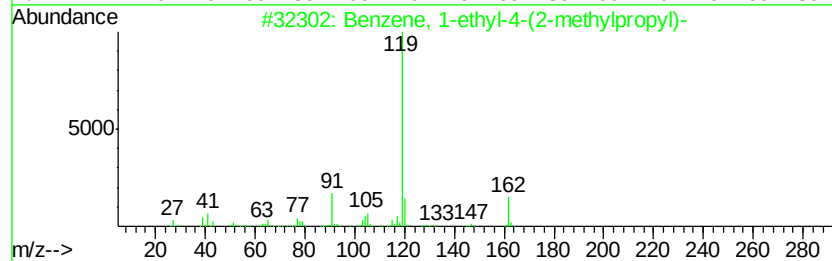
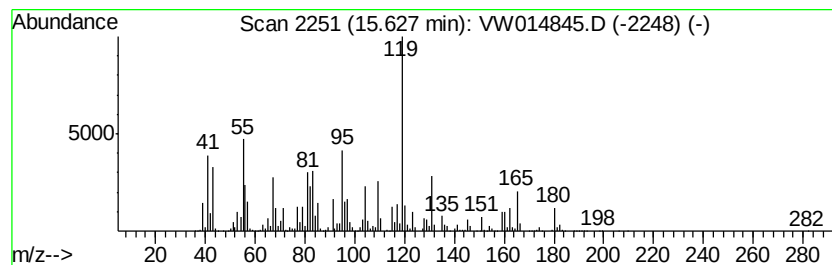
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Quant Title : VOC Analysis

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

Peak Number 55 unknown-07 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	102.74 ug/L	25352900	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	49
2		Benzene, (1,1-dimethylbutyl)-	162	C12H18	001985-57-5	43
3		2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	43
4		o-Cymene	134	C10H14	000527-84-4	38
5		7-Methoxymethyl-2,7-dimethylcycl...	164	C11H16O	073992-48-0	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT44

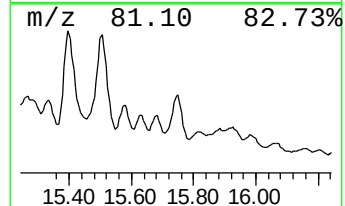
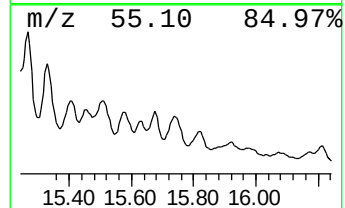
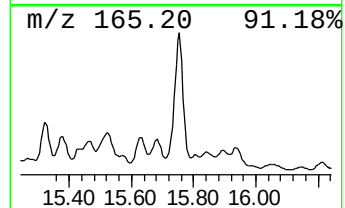
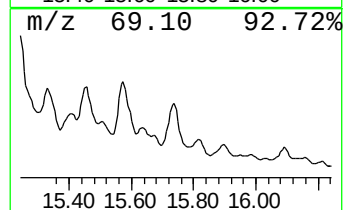
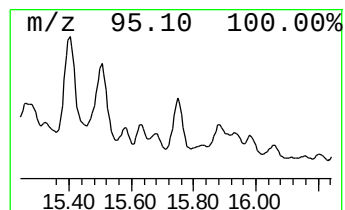
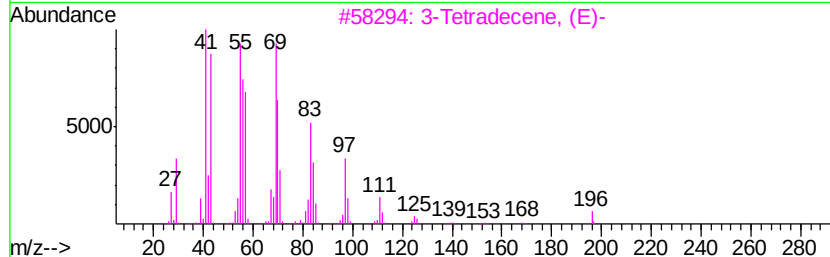
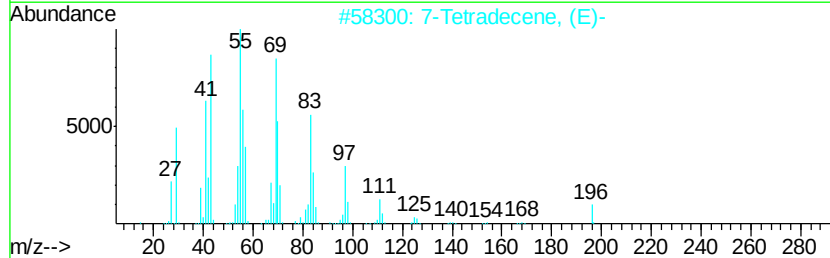
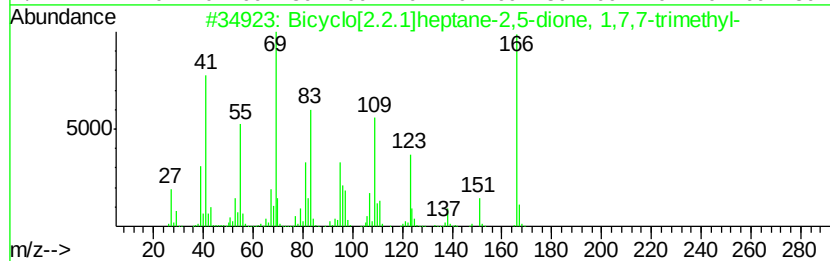
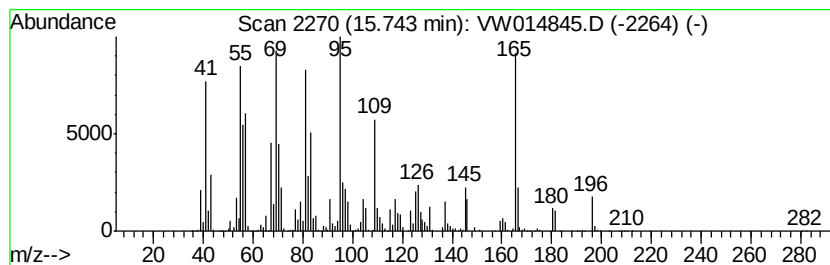
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 56 unknown-08 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	83.56 ug/L	20620300	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptane-2,5-dione, ...	166	C10H14O2	004230-32-4	46
2		7-Tetradecene, (E)-	196	C14H28	041446-63-3	42
3		3-Tetradecene, (E)-	196	C14H28	041446-68-8	41
4		6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	38
5		6-Tetradecene, (E)-	196	C14H28	041446-64-4	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT44

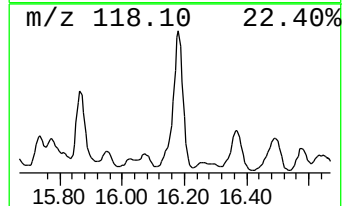
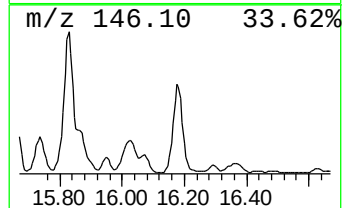
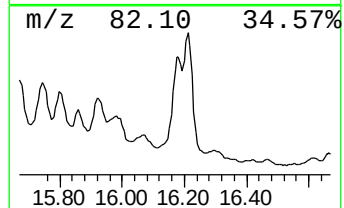
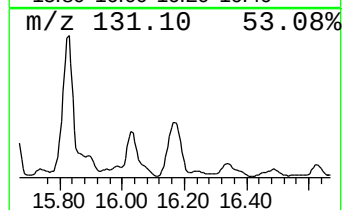
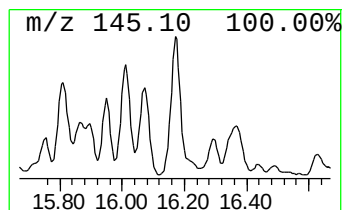
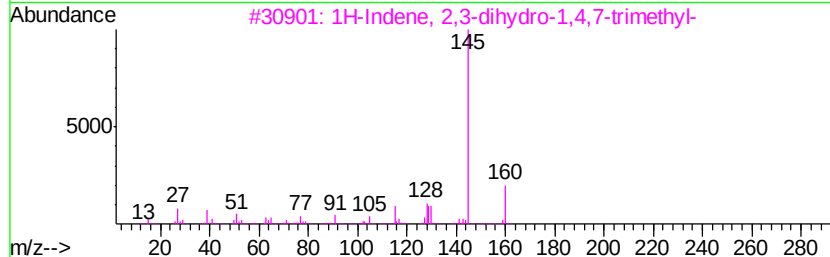
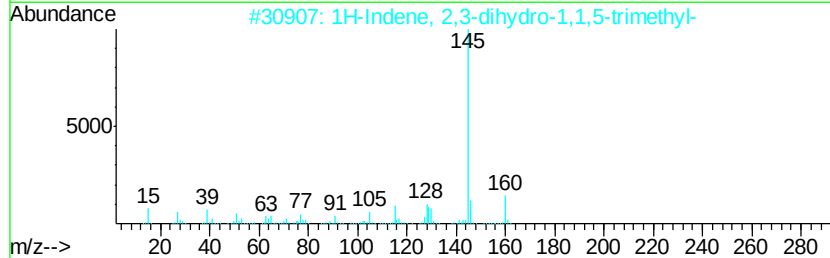
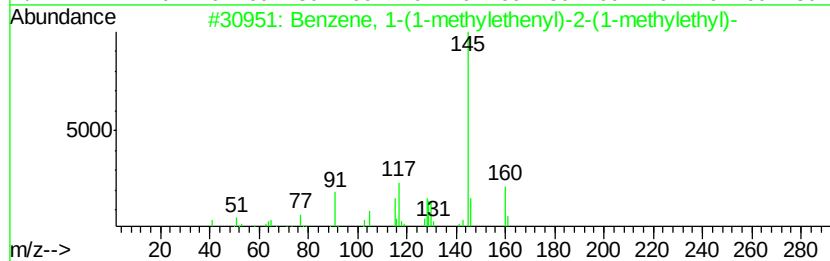
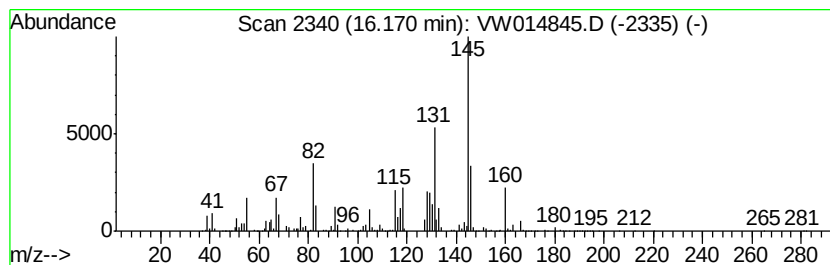
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Quant Title : VOC Analysis

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

Peak Number 57 Benzene, 1-(1-methylethenyl)... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	76.37 ug/L	18846300	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	64
2		1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	64
3		1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	55
4		1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	55
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT44

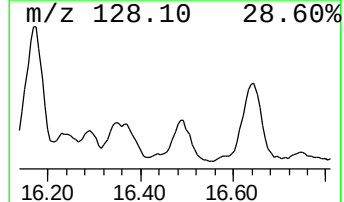
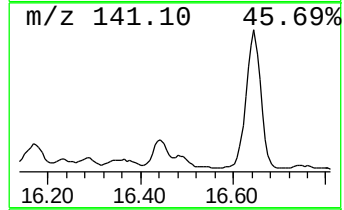
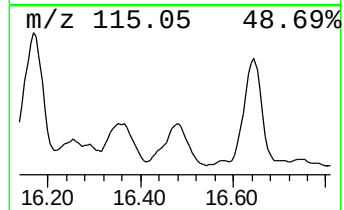
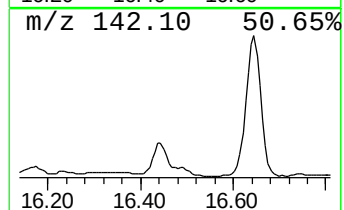
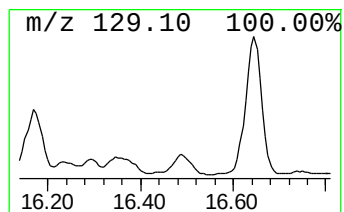
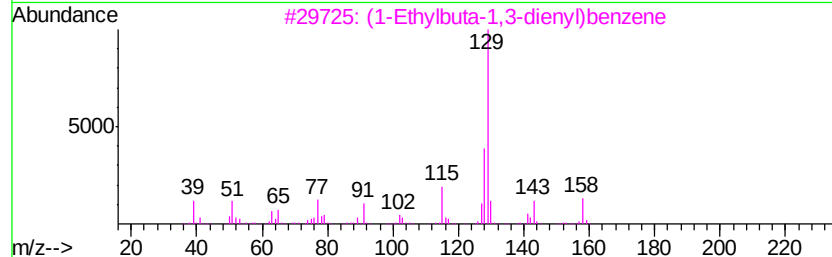
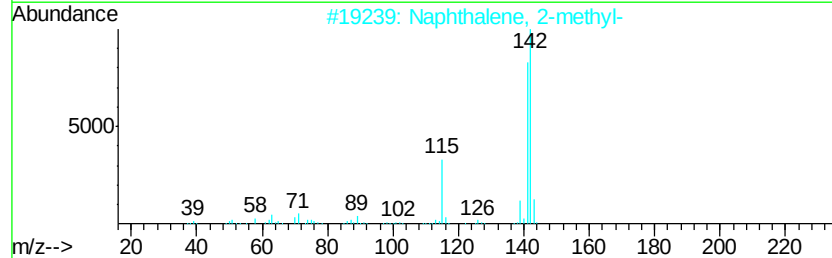
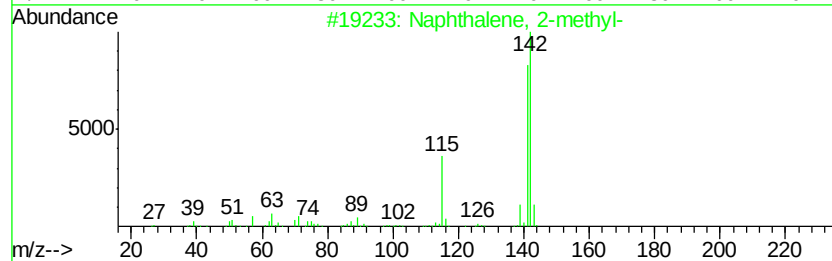
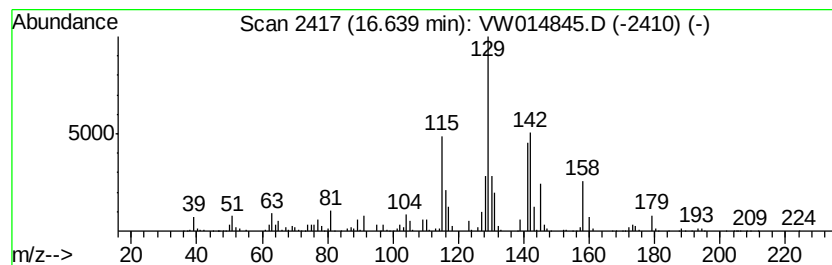
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 58 Naphthalene, 1-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	47.20 ug/L	11647600	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	30
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	30
3		(1-Ethylbuta-1,3-dienyl)benzene	158	C12H14	1000210-05-6	27
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	25
5		Benzonitrile, 4-ethenyl-	129	C9H7N	003435-51-6	22



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020320\
 Data File : VW014845.D
 Acq On : 03 Feb 2020 20:01
 Operator : SY/VA
 Sample : L1323-04
 Misc : 4.99G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT44

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
 Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	2.16	2.0	ug/L	189415	1	8.84	2326680	25.0
Disulfide, dimethyl	10.13	1.3	ug/L	123236	1	8.84	2326680	25.0
(DEL) Alkane: Cyc...	11.18	3.1	ug/L	330061	2	11.63	2697570	25.0
(DEL) Alkane: Cyc...	11.23	6.8	ug/L	730576	2	11.63	2697570	25.0
Dichloroacetic ac...	11.34	4.0	ug/L	426829	2	11.63	2697570	25.0
(DEL) Alkane: Cyc...	11.43	11.4	ug/L	1234090	2	11.63	2697570	25.0
(DEL) Alkane: Str...	11.51	5.7	ug/L	617033	2	11.63	2697570	25.0
(DEL) Alkane: Cyc...	11.98	10.1	ug/L	1090080	2	11.63	2697570	25.0
(DEL) Alkane: Str...	12.05	7.7	ug/L	829897	2	11.63	2697570	25.0
(DEL) Alkane: Str...	12.25	44.9	ug/L	4845360	2	11.63	2697570	25.0
(DEL) Alkane: Str...	12.36	157.0	ug/L	16937800	2	11.63	2697570	25.0
(DEL) Alkane: Str...	12.54	15.7	ug/L	1691360	2	11.63	2697570	25.0
(DEL) Alkane: Str...	12.62	5.4	ug/L	1331960	3	13.55	6169200	25.0
(DEL) Alkane: Cyc...	12.74	5.9	ug/L	1445560	3	13.55	6169200	25.0
(DEL) Alkane: Cyc...	12.78	41.9	ug/L	10344800	3	13.55	6169200	25.0
(DEL) Alkane: Cyc...	12.86	36.5	ug/L	9018890	3	13.55	6169200	25.0
2,4-Dimethyl-1,5-...	12.94	93.4	ug/L	23056400	3	13.55	6169200	25.0
(DEL) Alkane: Cyc...	12.99	19.6	ug/L	4828030	3	13.55	6169200	25.0
(DEL) Alkane: Cyc...	13.04	6.3	ug/L	1541120	3	13.55	6169200	25.0
Hydroxylamine, O-...	13.08	23.4	ug/L	5784830	3	13.55	6169200	25.0
Sulfurous acid, c...	13.12	23.6	ug/L	5832960	3	13.55	6169200	25.0
(DEL) Alkane: Str...	13.16	114.1	ug/L	28167200	3	13.55	6169200	25.0
unknown-02	13.26	6.3	ug/L	1544950	3	13.55	6169200	25.0
(DEL) Alkane: Str...	13.29	24.1	ug/L	5942010	3	13.55	6169200	25.0
(DEL) Alkane: Str...	13.35	26.1	ug/L	6448040	3	13.55	6169200	25.0
(DEL) Alkane: Cyc...	13.38	15.4	ug/L	3806440	3	13.55	6169200	25.0
(DEL) Alkane: Cyc...	13.44	94.5	ug/L	23318200	3	13.55	6169200	25.0
(DEL) Alkane: Str...	13.49	43.8	ug/L	10811000	3	13.55	6169200	25.0
(DEL) Alkane: Str...	13.62	51.6	ug/L	12730500	3	13.55	6169200	25.0
(DEL) Alkane: Cyc...	13.69	44.8	ug/L	11052200	3	13.55	6169200	25.0
Benzene, 1-methyl...	13.74	11.6	ug/L	2868610	3	13.55	6169200	25.0
Benzene, 2-ethyl-...	13.79	34.6	ug/L	8527300	3	13.55	6169200	25.0
Methoxyacetic aci...	13.92	20.2	ug/L	4977280	3	13.55	6169200	25.0
(DEL) Alkane: Cyc...	13.98	34.4	ug/L	8486130	3	13.55	6169200	25.0
(DEL) Alkane: Str...	14.03	73.6	ug/L	18158900	3	13.55	6169200	25.0
(DEL) Alkane: Str...	14.13	109.8	ug/L	27092200	3	13.55	6169200	25.0
1,4-Cyclohexadien...	14.20	97.0	ug/L	23935700	3	13.55	6169200	25.0
unknown-03	14.26	89.4	ug/L	22066600	3	13.55	6169200	25.0
(DEL) Alkane: Str...	14.35	210.4	ug/L	51918200	3	13.55	6169200	25.0
unknown-04	14.39	253.0	ug/L	62421500	3	13.55	6169200	25.0
(DEL) Alkane: Str...	14.43	56.7	ug/L	13999700	3	13.55	6169200	25.0
(DEL) Alkane: Str...	14.50	85.1	ug/L	20999800	3	13.55	6169200	25.0
Naphthalene, deca...	14.55	212.2	ug/L	52375100	3	13.55	6169200	25.0
unknown-05	14.60	41.9	ug/L	10330800	3	13.55	6169200	25.0
unknown-06	14.74	76.8	ug/L	18945600	3	13.55	6169200	25.0
Benzene, 1,2,4,5-...	14.80	340.4	ug/L	84012000	3	13.55	6169200	25.0
(DEL) Alkane: Str...	14.85	418.6	ug/L	103285000	3	13.55	6169200	25.0
Sulfurous acid, c...	14.93	50.3	ug/L	12400700	3	13.55	6169200	25.0
Naphthalene, deca...	14.97	43.1	ug/L	10636300	3	13.55	6169200	25.0

Bicyclo[4.2.0]oct...	15.17	172.2	ug/L	42490600	3	13.55	6169200	25.0
Bacchotricuneatin c	15.33	248.3	ug/L	61272000	3	13.55	6169200	25.0
trans,cis-1,8-Dim...	15.40	56.1	ug/L	13853200	3	13.55	6169200	25.0
unknown-07	15.63	102.7	ug/L	25352900	3	13.55	6169200	25.0
unknown-08	15.74	83.6	ug/L	20620300	3	13.55	6169200	25.0
Benzene, 1-(1-met...	16.17	76.4	ug/L	18846300	3	13.55	6169200	25.0
Naphthalene, 1-me...	16.64	47.2	ug/L	11647600	3	13.55	6169200	25.0

Instrument :
MSVOA_W
ClientSampleId :
GAT44