

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042219\
 Data File : VW010086.D
 Acq On : 22 Apr 2019 17:31
 Operator : SY/VA
 Sample : K2455-16RE
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHR6RE

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\SOM2WLM041519S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.953	5	8	14	rVB3	6519	9239	0.02%	0.003%
2	2.160	36	42	52	rBV2	50482	121001	0.27%	0.044%
3	2.355	68	74	86	rBV	95088	231675	0.52%	0.083%
4	2.891	155	162	178	rBV	86279	239610	0.54%	0.086%
5	3.842	314	318	321	rVV5	3489	6487	0.01%	0.002%
6	4.007	333	345	360	rBV	236734	808302	1.83%	0.291%
7	4.117	360	363	372	rVB2	16610	41443	0.09%	0.015%
8	4.397	397	409	417	rBV2	10523	30560	0.07%	0.011%
9	4.903	477	492	518	rBV2	69121	303910	0.69%	0.109%
10	5.934	649	661	675	rVB3	28964	88818	0.20%	0.032%
11	6.098	683	688	691	rBV5	1650	3471	0.01%	0.001%
12	6.129	691	693	699	rVB4	2256	3062	0.01%	0.001%
13	6.897	816	819	824	rVB6	1751	3258	0.01%	0.001%
14	6.988	824	834	835	rBV9	1698	4109	0.01%	0.001%
15	7.080	840	849	860	rBV2	75423	209365	0.47%	0.075%
16	7.537	917	924	925	rBV4	2959	5415	0.01%	0.002%
17	7.549	925	926	931	rVB3	2945	3268	0.01%	0.001%
18	7.647	931	942	955	rBV	409627	1025872	2.32%	0.369%
19	8.268	1034	1044	1060	rBV2	760782	2316976	5.23%	0.833%
20	8.396	1060	1065	1067	rVV6	1848	4037	0.01%	0.001%
21	8.561	1085	1092	1096	rVB8	1598	4628	0.01%	0.002%
22	8.689	1110	1113	1115	rVV3	2253	3480	0.01%	0.001%
23	8.707	1115	1116	1124	rVB5	2897	3868	0.01%	0.001%
24	8.842	1129	1138	1147	rVV	792523	1582789	3.58%	0.569%
25	8.927	1148	1152	1160	rVB4	5696	13539	0.03%	0.005%
26	9.079	1168	1177	1179	rBV7	4891	10006	0.02%	0.004%
27	9.274	1196	1209	1225	rBV	541733	1101909	2.49%	0.396%
28	9.421	1228	1233	1236	rVB5	2180	3908	0.01%	0.001%
29	9.665	1268	1273	1279	rBV3	5597	8047	0.02%	0.003%
30	9.750	1283	1287	1298	rVB3	7784	18380	0.04%	0.007%
31	9.847	1298	1303	1306	rBV3	7163	14044	0.03%	0.005%
32	9.890	1306	1310	1320	rVB4	16262	35258	0.08%	0.013%
33	10.036	1324	1334	1342	rBV	282119	512133	1.16%	0.184%
34	10.134	1342	1350	1356	rVV	99056	189588	0.43%	0.068%

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 Title : VOC Analysis

35	10.201	1356	1361	1365	rVV4	8480	14715	0.03%	0.005%
36	10.250	1365	1369	1373	rVB2	6910	13227	0.03%	0.005%
37	10.323	1373	1381	1388	rBV	891536	1544926	3.49%	0.555%
38	10.390	1388	1392	1398	rVB	20795	34330	0.08%	0.012%
39	10.506	1407	1411	1416	rVV6	4797	10468	0.02%	0.004%
40	10.579	1416	1423	1438	rVV	185658	331600	0.75%	0.119%
41	10.707	1438	1444	1448	rVV	9638	18687	0.04%	0.007%
42	10.768	1451	1454	1461	rVB7	3764	6670	0.02%	0.002%
43	10.859	1461	1469	1473	rBV8	8171	17275	0.04%	0.006%
44	10.927	1473	1480	1491	rBV	295413	498733	1.13%	0.179%
45	11.012	1491	1494	1498	rVV5	4597	9084	0.02%	0.003%
46	11.067	1498	1503	1512	rVB5	12951	32578	0.07%	0.012%
47	11.176	1517	1521	1526	rVB8	2448	3020	0.01%	0.001%
48	11.231	1526	1530	1533	rBV5	2451	2966	0.01%	0.001%
49	11.292	1535	1540	1541	rBV4	2893	3643	0.01%	0.001%
50	11.341	1543	1548	1549	rBV4	7252	9179	0.02%	0.003%
51	11.402	1555	1558	1562	rBV5	5209	8777	0.02%	0.003%
52	11.506	1573	1575	1586	rVB9	9934	17575	0.04%	0.006%
53	11.634	1586	1596	1604	rBV	799338	1403652	3.17%	0.505%
54	11.835	1623	1629	1640	rBV3	19451	46974	0.11%	0.017%
55	12.182	1675	1686	1691	rBV3	55034	103179	0.23%	0.037%
56	12.249	1691	1697	1702	rVB6	8841	20514	0.05%	0.007%
57	12.377	1707	1718	1720	rBV8	17138	51724	0.12%	0.019%
58	12.524	1738	1742	1751	rVB4	24954	49173	0.11%	0.018%
59	12.615	1752	1757	1762	rVB	21246	38444	0.09%	0.014%
60	12.694	1762	1770	1776	rBV	326871	552725	1.25%	0.199%
61	12.749	1777	1779	1780	rBV2	6036	5333	0.01%	0.002%
62	12.780	1780	1784	1789	rVB5	44580	72258	0.16%	0.026%
63	12.871	1789	1799	1803	rBV5	171653	497065	1.12%	0.179%
64	12.969	1805	1815	1824	rVB6	303572	969669	2.19%	0.349%
65	13.079	1824	1833	1837	rBV3	234099	548790	1.24%	0.197%
66	13.127	1837	1841	1844	rBV3	87106	134569	0.30%	0.048%
67	13.194	1844	1852	1859	rBV5	480419	1382914	3.12%	0.497%
68	13.268	1859	1864	1866	rBV2	393809	631296	1.43%	0.227%
69	13.304	1866	1870	1876	rBV7	378293	993941	2.25%	0.357%
70	13.383	1880	1883	1886	rVB4	257222	310442	0.70%	0.112%
71	13.444	1887	1893	1897	rBV6	584284	1508084	3.41%	0.542%

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72	13.560	1909	1912	1919	rVB3	597546	1273403	2.88%	0.458%
73	13.627	1919	1923	1928	rBV3	652252	1444494	3.26%	0.519%
74	13.700	1929	1935	1939	rVV4	2105607	3682454	8.32%	1.324%
75	13.743	1939	1942	1945	rVB3	363432	501554	1.13%	0.180%
76	13.883	1950	1965	1970	rBV4	5621233	15327849	34.63%	5.511%
77	13.932	1970	1973	1977	rVB3	825626	1373985	3.10%	0.494%
78	14.017	1984	1987	1992	rVB2	2001600	3199751	7.23%	1.150%
79	14.072	1993	1996	1998	rBV	721606	946527	2.14%	0.340%
80	14.267	2025	2028	2034	rVB5	1919183	3414850	7.71%	1.228%
81	14.328	2034	2038	2041	rBV2	1571076	2675614	6.04%	0.962%
82	14.389	2043	2048	2053	rVB	6974198	11135672	25.16%	4.003%
83	14.438	2053	2056	2062	rVB6	1372904	2331255	5.27%	0.838%
84	14.499	2063	2066	2069	rBV3	1301444	1880552	4.25%	0.676%
85	14.554	2070	2075	2080	rBV3	8172590	13644347	30.82%	4.905%
86	14.609	2081	2084	2089	rBV3	1771084	2700208	6.10%	0.971%
87	14.670	2090	2094	2097	rBV	2379533	3614102	8.16%	1.299%
88	14.749	2103	2107	2112	rBV3	2999675	5014259	11.33%	1.803%
89	14.810	2113	2117	2119	rBV	3214575	5152850	11.64%	1.853%
90	14.847	2119	2123	2130	rVB	17479265	29325743	66.25%	10.543%
91	14.932	2134	2137	2141	rVB3	3223847	3937407	8.89%	1.416%
92	14.981	2141	2145	2148	rBV3	3315695	4713633	10.65%	1.695%
93	15.133	2164	2170	2172	rBV4	3904482	7769220	17.55%	2.793%
94	15.255	2187	2190	2198	rVB6	6605888	11976108	27.05%	4.306%
95	15.340	2199	2204	2210	rVB	27386704	44267073	100.00%	15.915%
96	15.407	2210	2215	2219	rBV4	4892278	10650439	24.06%	3.829%
97	15.584	2239	2244	2250	rBV6	4516253	10858230	24.53%	3.904%
98	15.639	2250	2253	2256	rBV2	2990922	4654089	10.51%	1.673%
99	15.743	2265	2270	2278	rVB3	14543675	28022669	63.30%	10.075%
100	16.297	2357	2361	2369	rVB	10778558	21805565	49.26%	7.839%

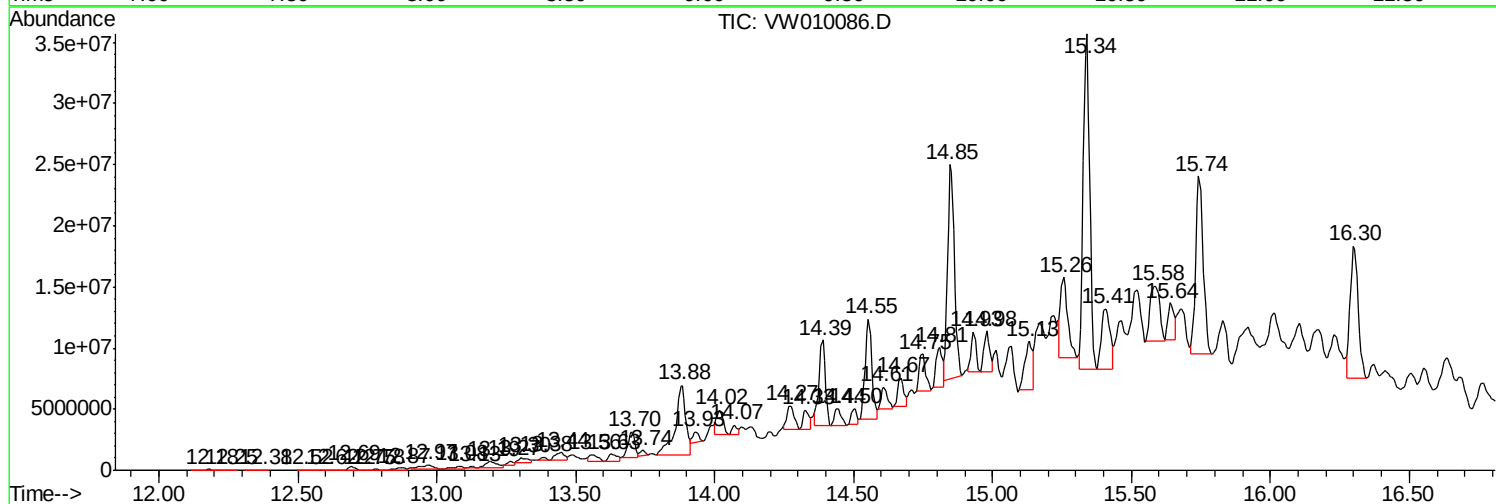
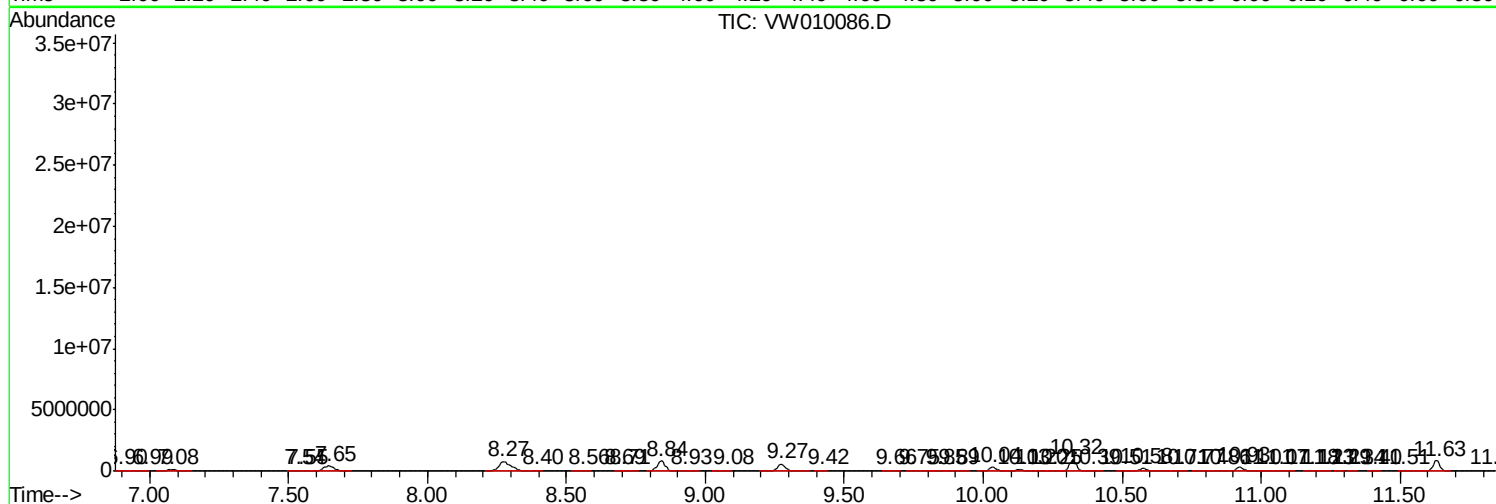
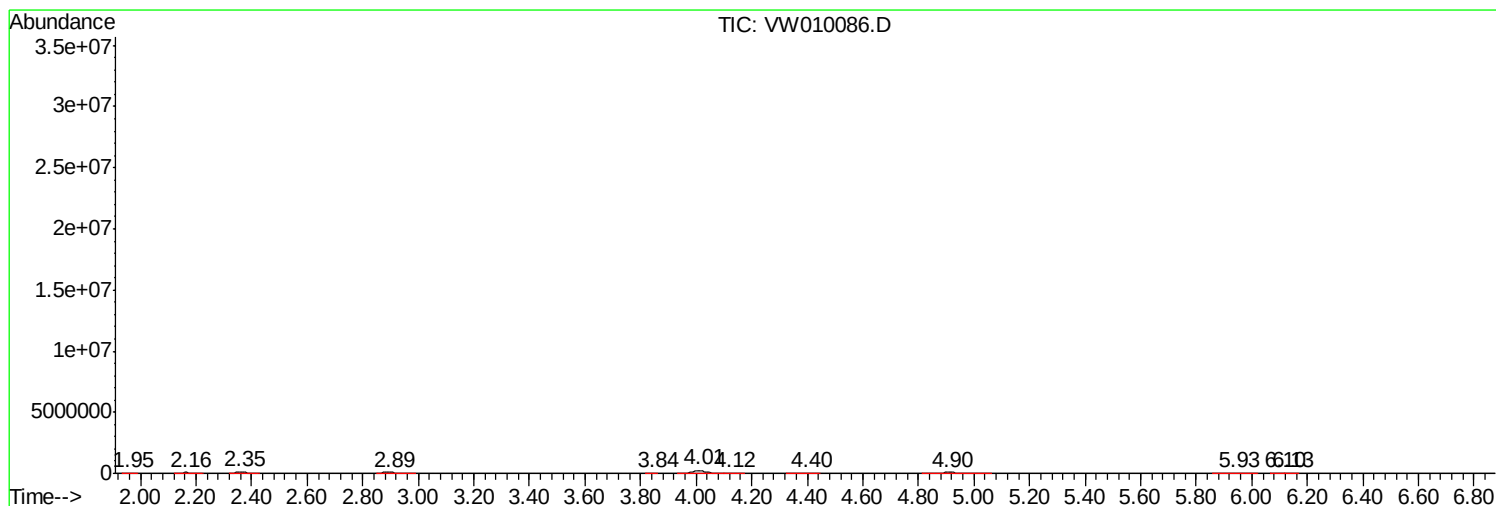
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Instrument :
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ClientSampleId :
GAHR6RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
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Instrument :
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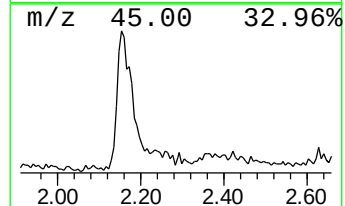
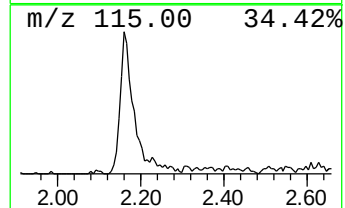
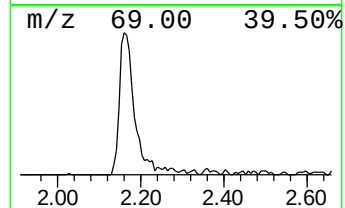
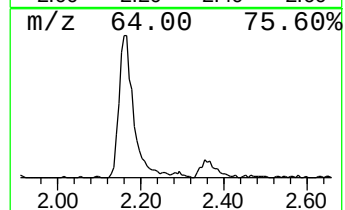
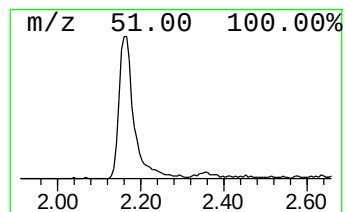
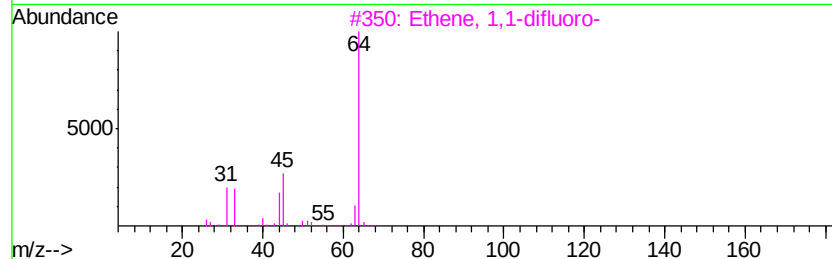
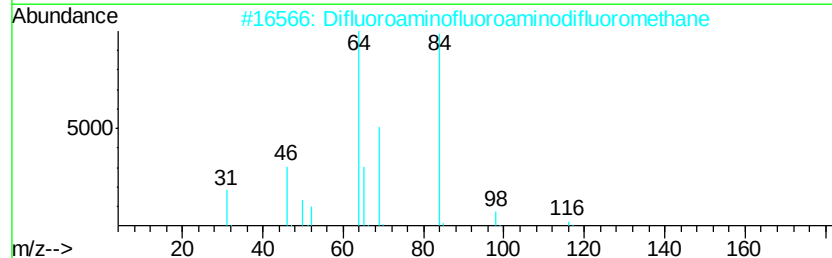
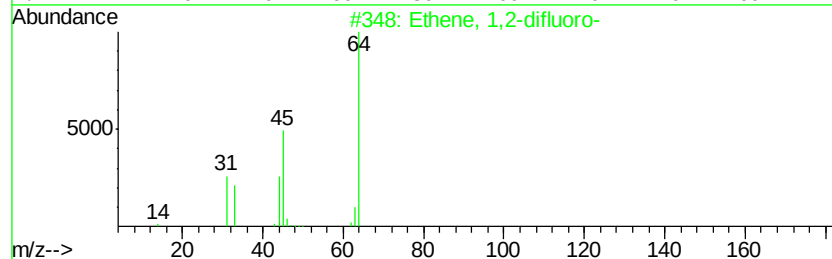
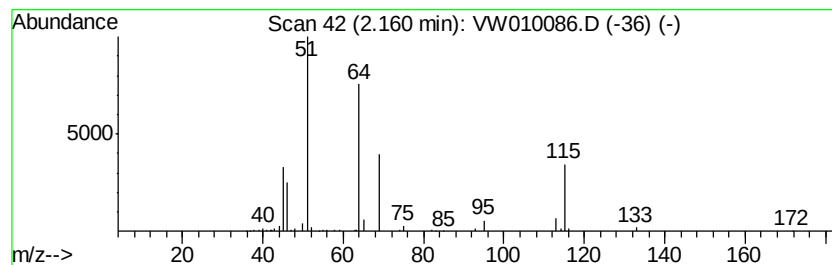
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	1.91 ug/L	121001	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethene, 1,2-difluoro-	64	C2H2F2	001691-13-0	9
2		Difluoroaminofluoroaminodifluoro...	136	CHF5N2	037931-37-6	9
3		Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	7
4		Ethyl Chloride	64	C2H5Cl	000075-00-3	5
5		Tetrafluoroformamidine	116	CF4N2	014362-70-0	4



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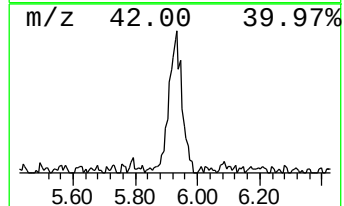
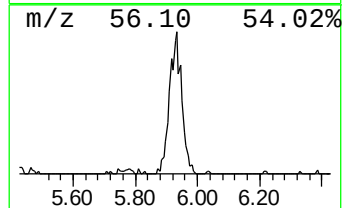
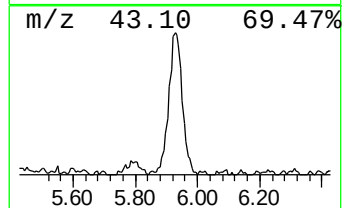
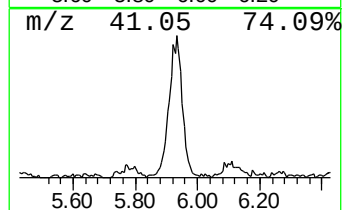
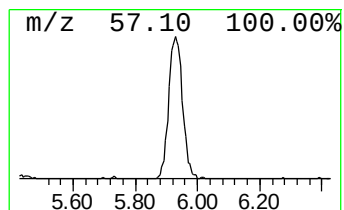
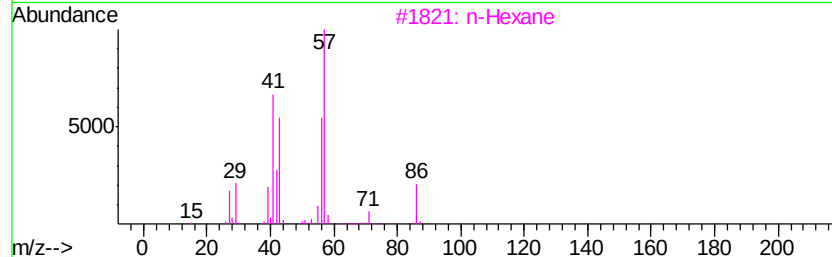
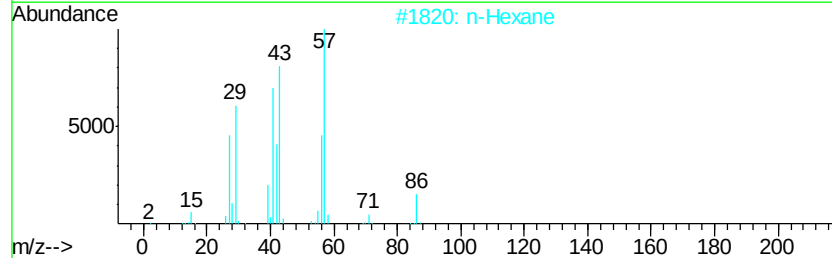
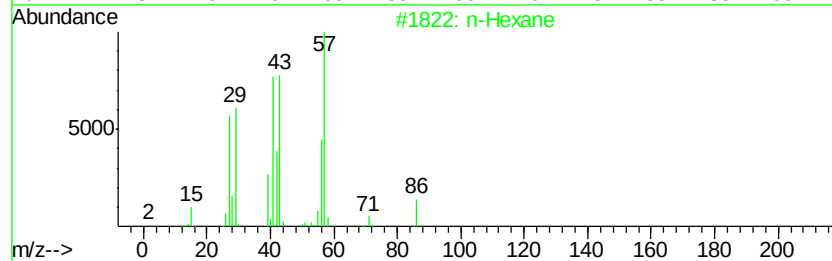
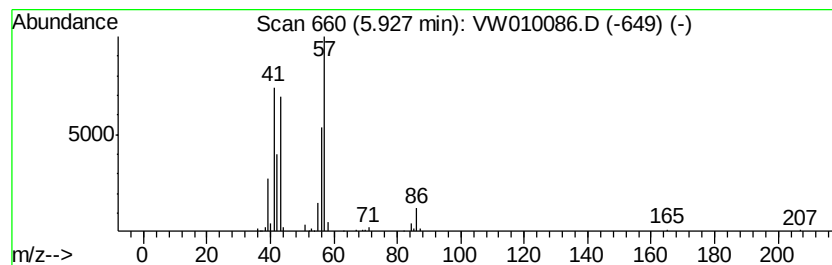
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Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	1.40 ug/L	88818	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	80
2		n-Hexane	86	C6H14	000110-54-3	80
3		n-Hexane	86	C6H14	000110-54-3	50
4		2(3H)-Furanone, dihydro-3-methyl-	100	C5H8O2	001679-47-6	42
5		2-Butene, (E)-	56	C4H8	000624-64-6	38



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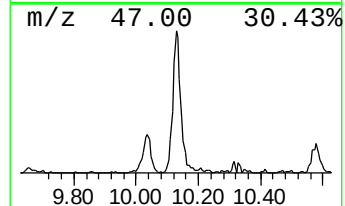
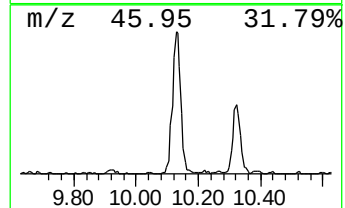
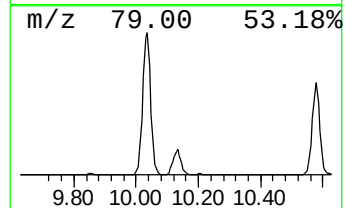
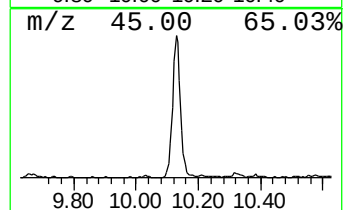
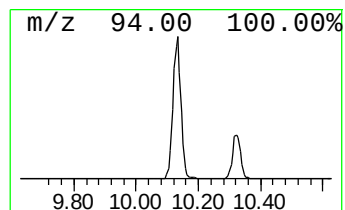
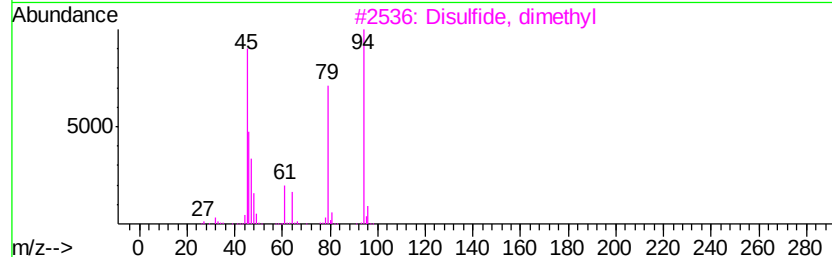
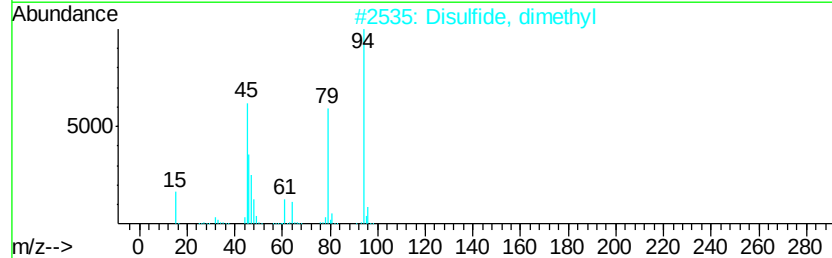
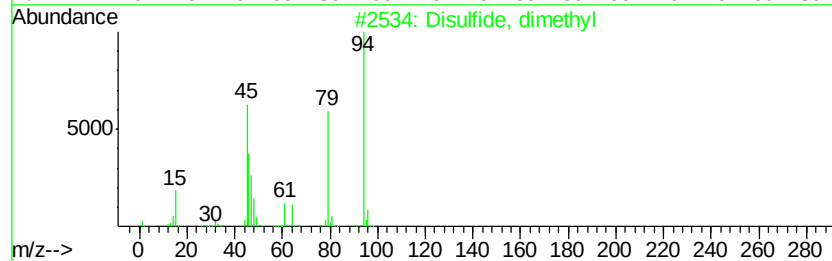
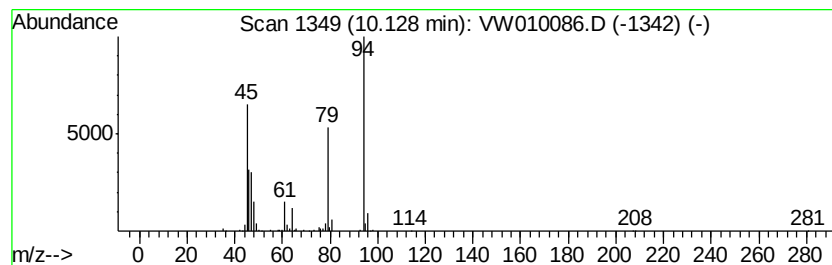
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Quant Title : VOC Analysis

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

Peak Number 4 Disulfide, dimethyl Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	2.99 ug/L	189588	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Disulfide, dimethyl	94	C2H6S2	000624-92-0	97
2		Disulfide, dimethyl	94	C2H6S2	000624-92-0	97
3		Disulfide, dimethyl	94	C2H6S2	000624-92-0	96
4		Disulfide, dimethyl	94	C2H6S2	000624-92-0	94
5		Disulfide, dimethyl	94	C2H6S2	000624-92-0	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR6RE

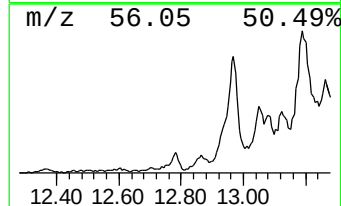
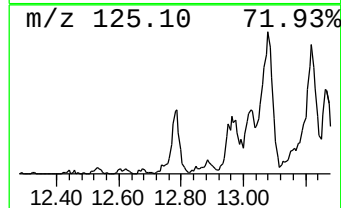
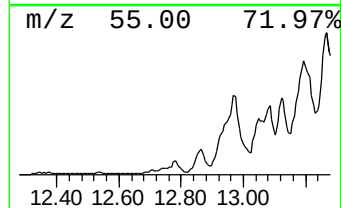
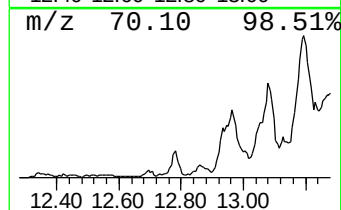
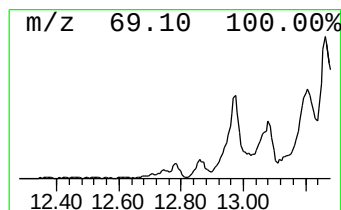
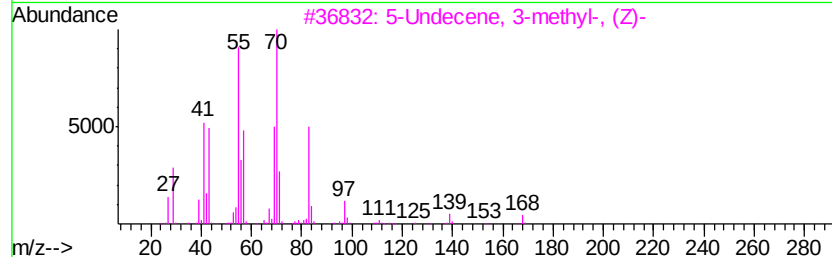
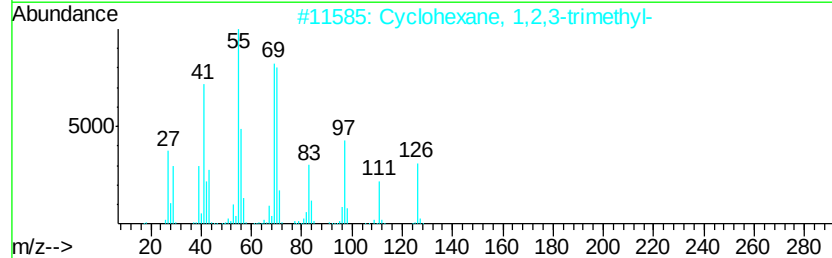
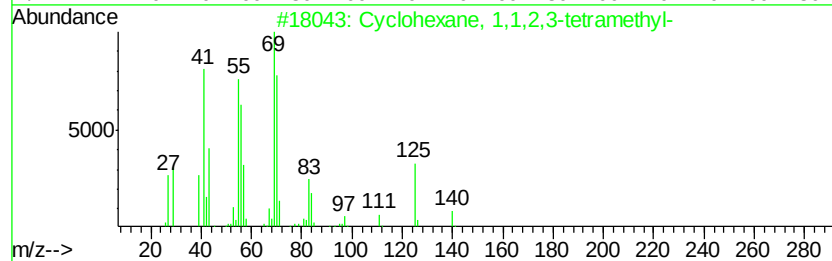
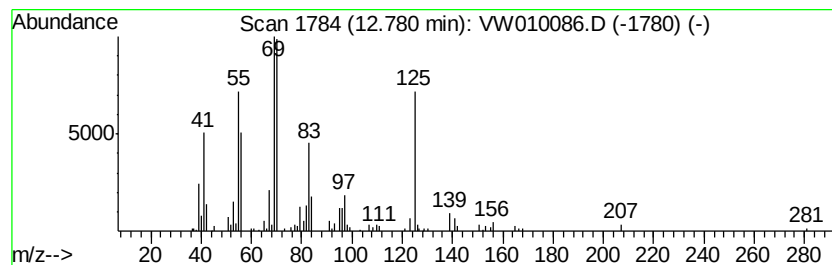
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Cyclic12.78 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	1.42 ug/L	72258	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	72
2		Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	45
3		5-Undecene, 3-methyl-, (Z)-	168	C12H24	074630-64-1	43
4		2-Decene, 8-methyl-, (Z)-	154	C11H22	074630-25-4	42
5		Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

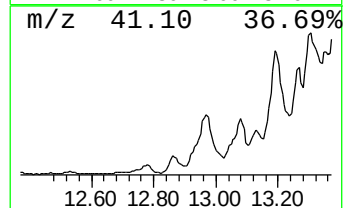
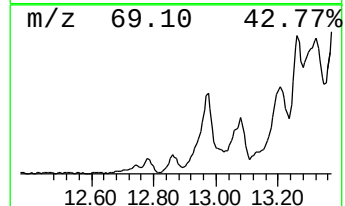
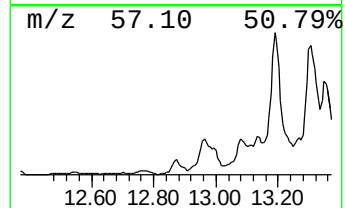
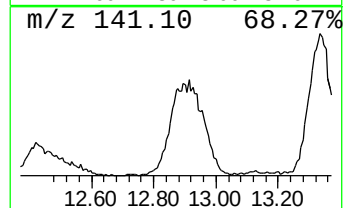
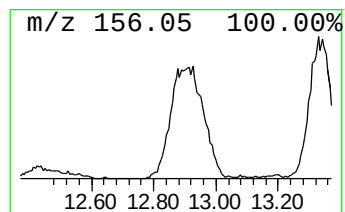
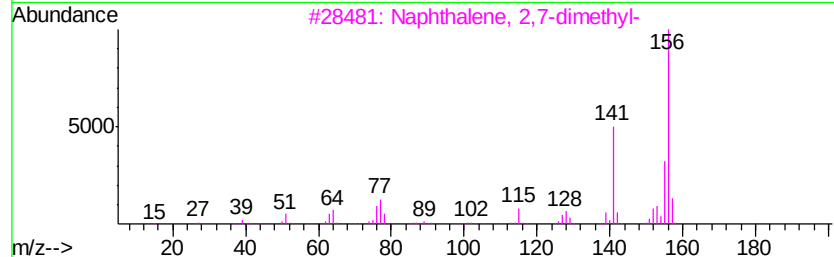
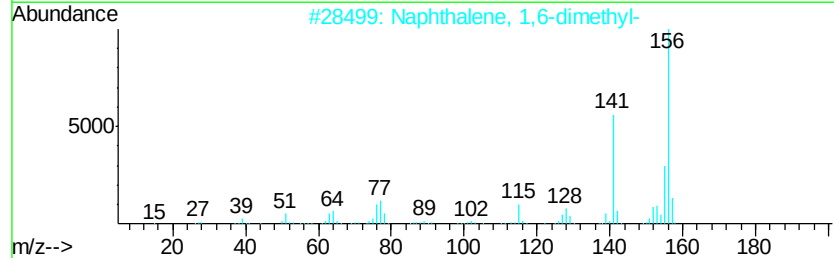
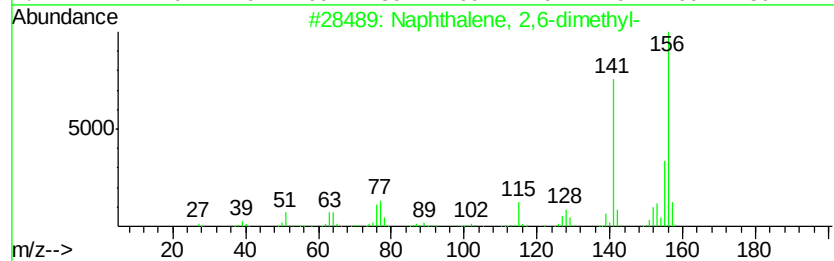
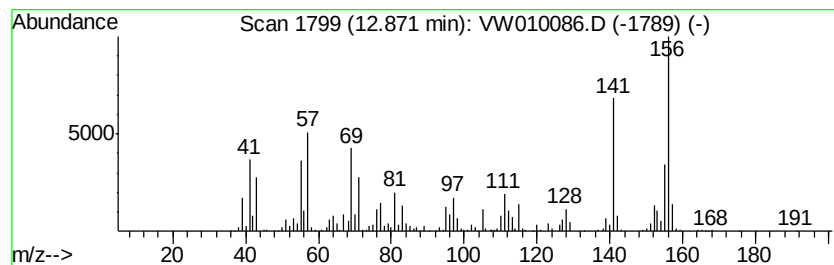
Instrument :
MSVOA_W
ClientSampled :
GAHR6RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	9.76 ug/L	497065	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
3		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
4		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
5		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

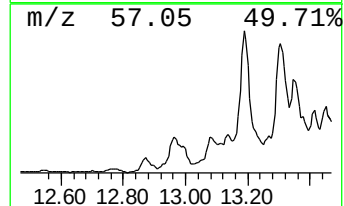
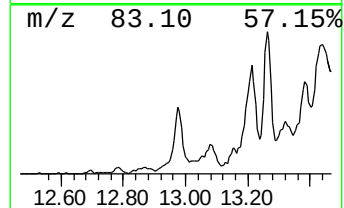
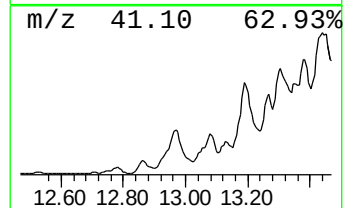
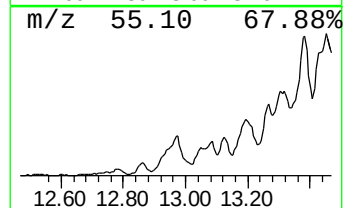
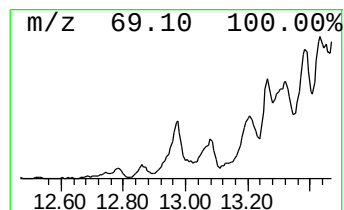
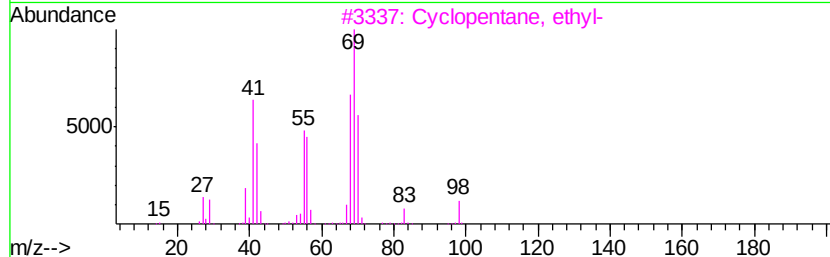
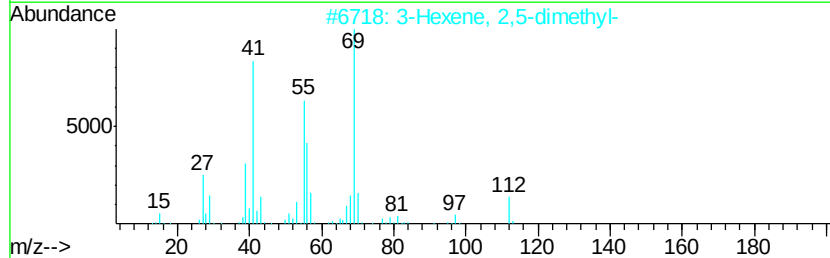
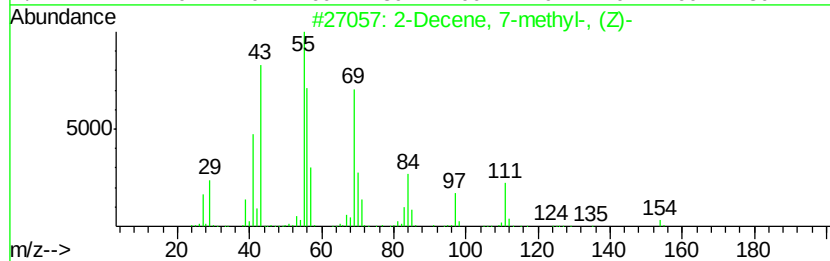
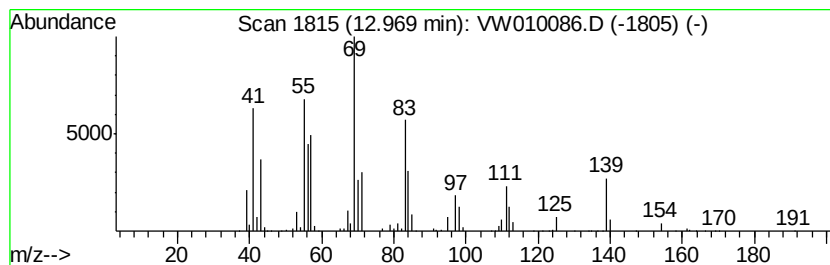
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Cyclic12.97 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.97	19.04 ug/L	969669	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decene, 7-methyl-, (Z)-	154	C11H22	074630-23-2	46
2	3-Hexene, 2,5-dimethyl-	112	C8H16	015910-22-2	45
3	Cyclopentane, ethyl-	98	C7H14	001640-89-7	43
4	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	38
5	3-Methyl-3-hexene	98	C7H14	003404-65-7	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

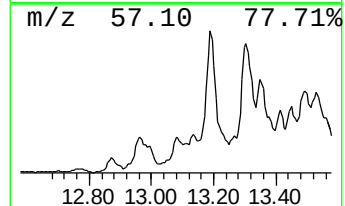
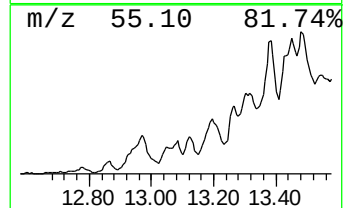
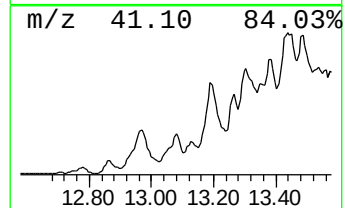
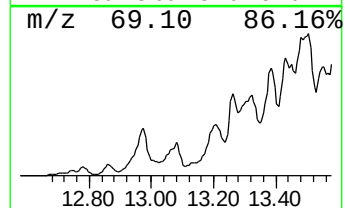
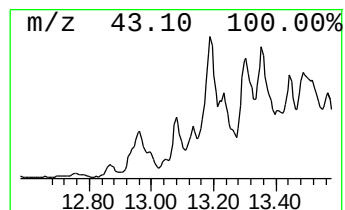
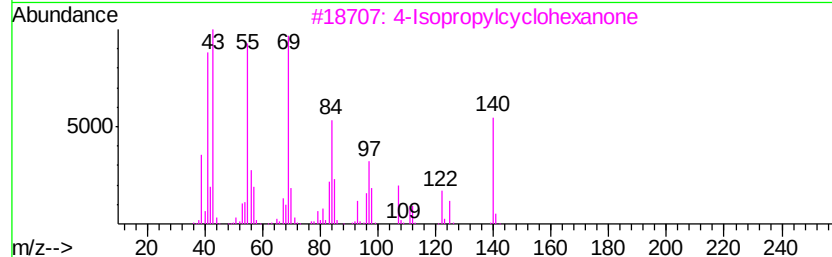
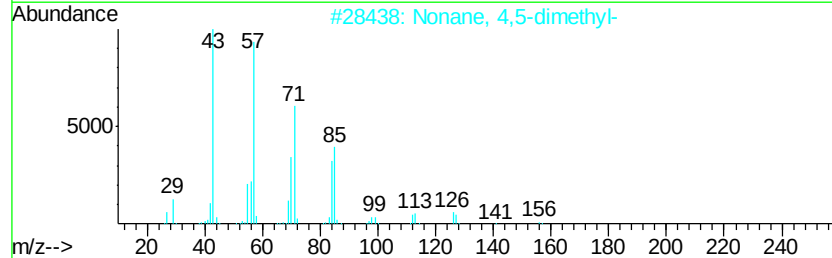
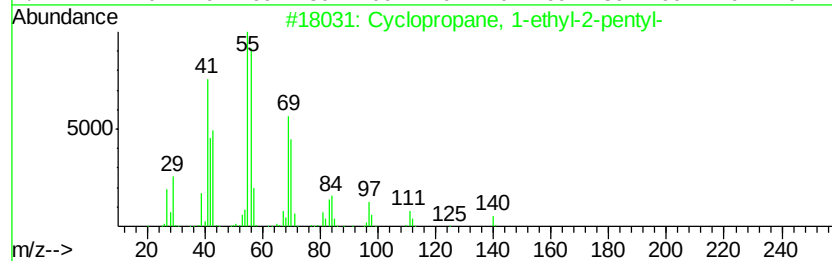
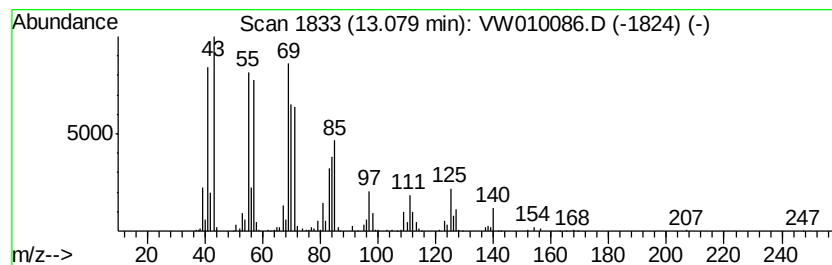
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Cyclic13.08 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.08	10.77 ug/L	548790	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclopropane, 1-ethyl-2-pentyl-	140	C10H20	062238-08-8	49
2	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	46
3	4-Isopropylcvclohexanone	140	C9H16O	005432-85-9	45
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	38
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

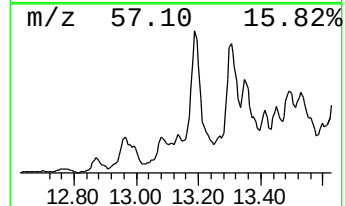
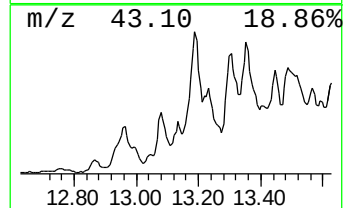
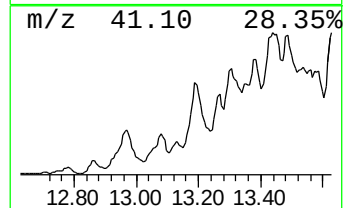
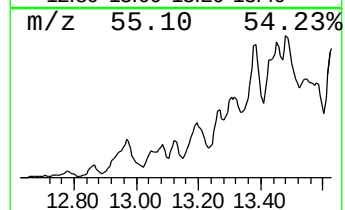
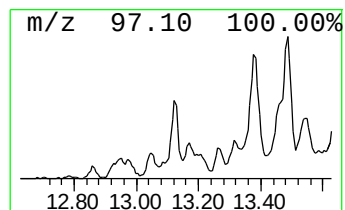
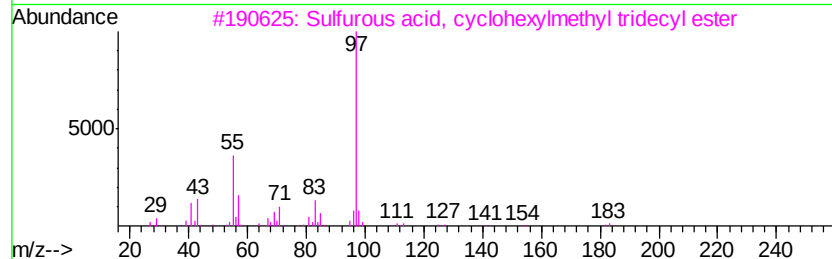
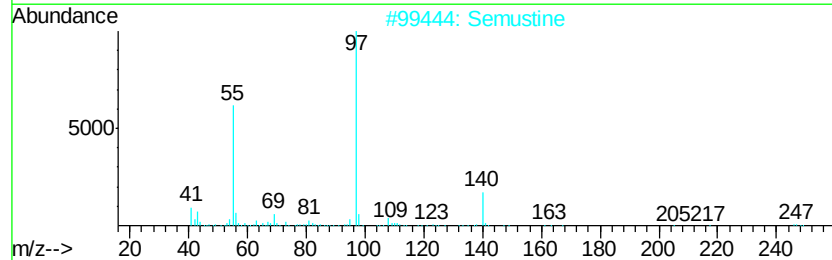
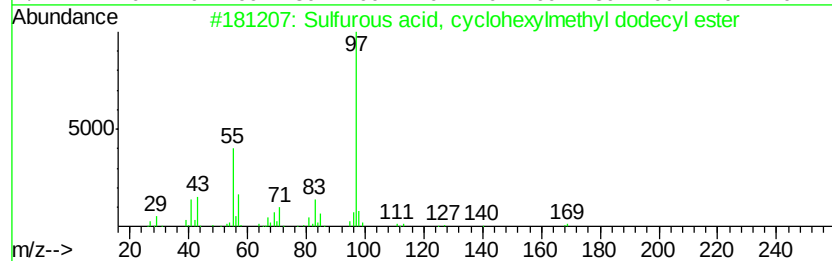
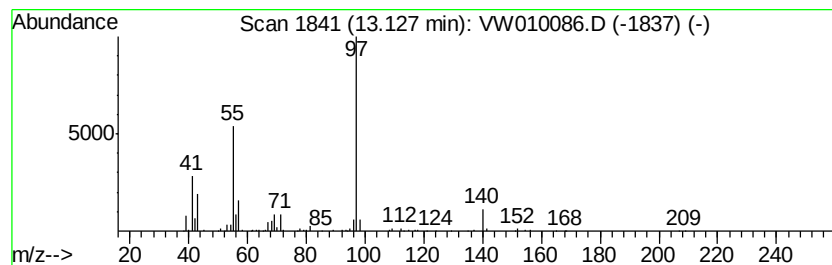
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 9 Sulfurous acid, cyclohexylm... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.13	2.64 ug/L	134569	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cvclohexylmethvl...	346	C19H38O3S	1000309-22-0	72	
2	Semustine	247	C10H18ClN3O2	013909-09-6	64	
3	Sulfurous acid, cvclohexylmethvl...	360	C20H40O3S	1000309-22-1	64	
4	2-Pyrazoline, 1-butyl-5-methyl-	140	C8H16N2	022581-50-6	59	
5	2-Fluoropyridine	97	C5H4FN	000372-48-5	59	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR6RE

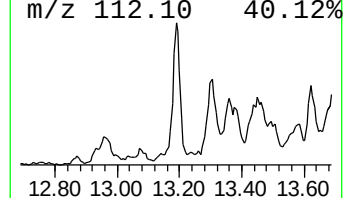
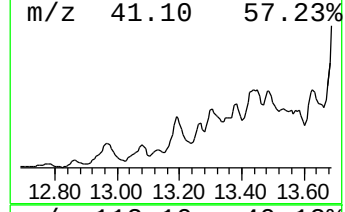
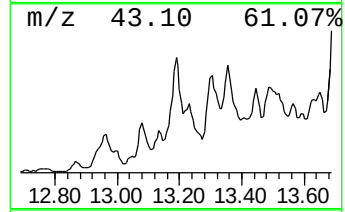
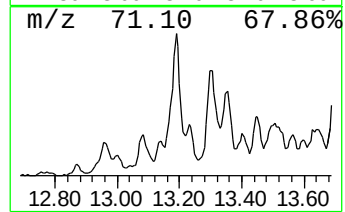
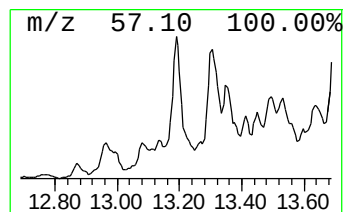
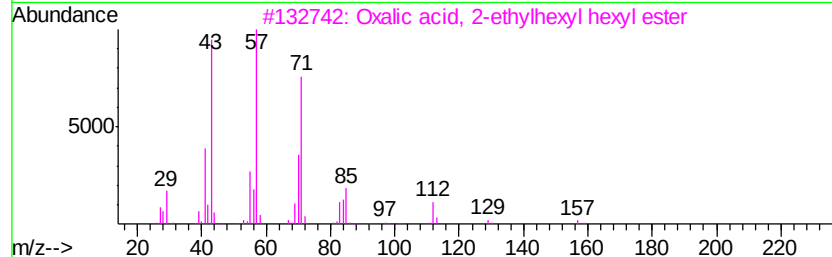
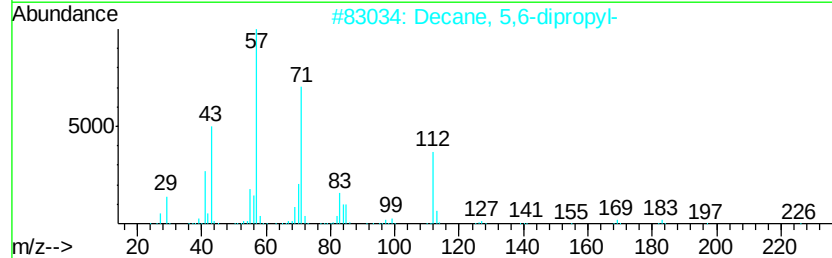
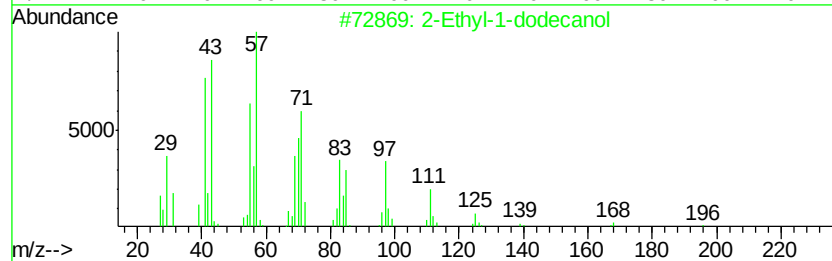
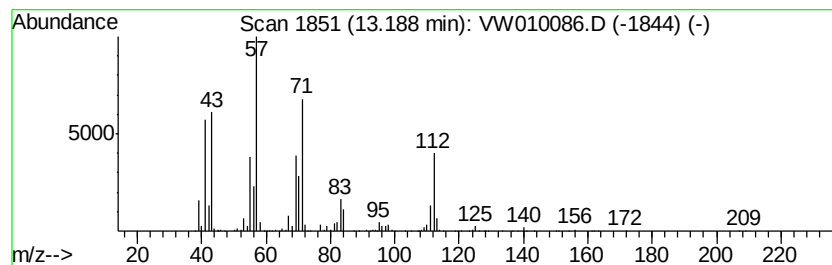
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Quant Title : VOC Analysis

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

Peak Number 10 2-Ethyl-1-dodecanol Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	27.15 ug/L	1382910	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	64
2		Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	53
3		Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	47
4		Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	47
5		Oxalic acid, allyl octyl ester	242	C13H22O4	1000309-23-6	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
 Data File : VW010086.D
 Acq On : 22 Apr 2019 17:31
 Operator : SY/VA
 Sample : K2455-16RE
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHR6RE

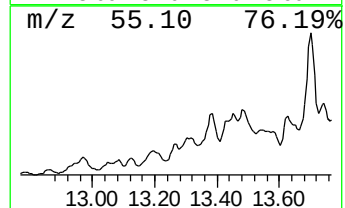
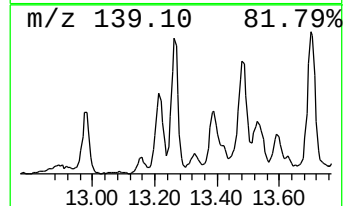
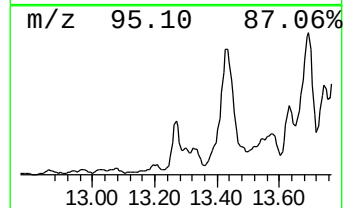
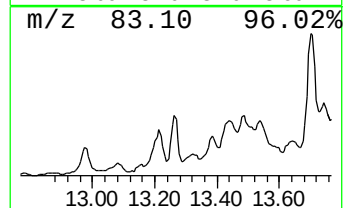
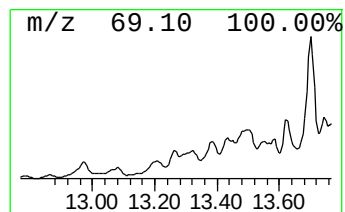
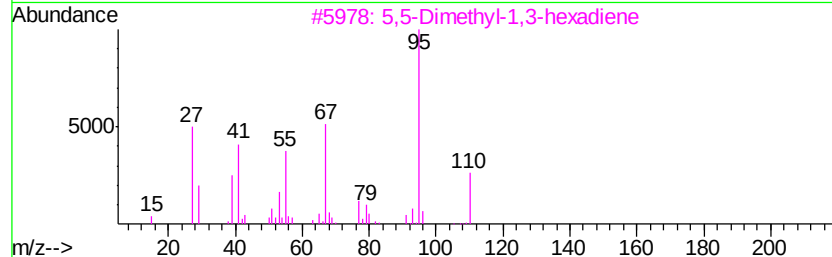
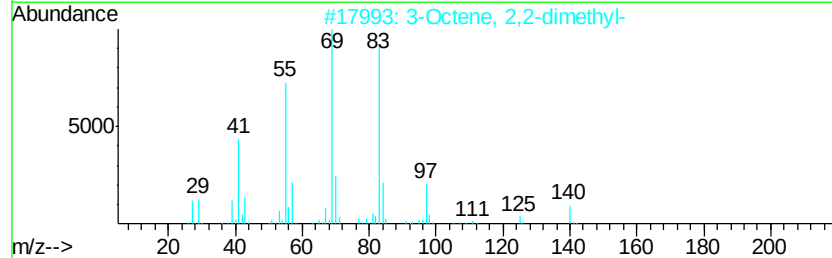
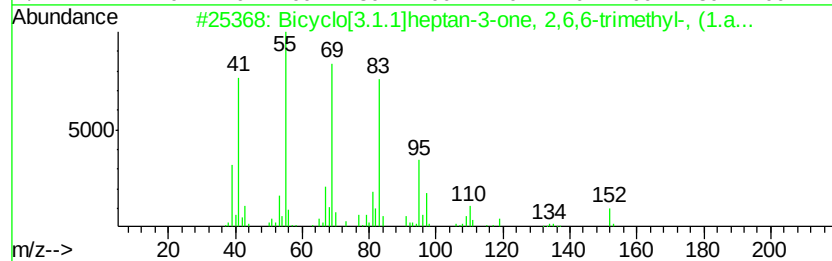
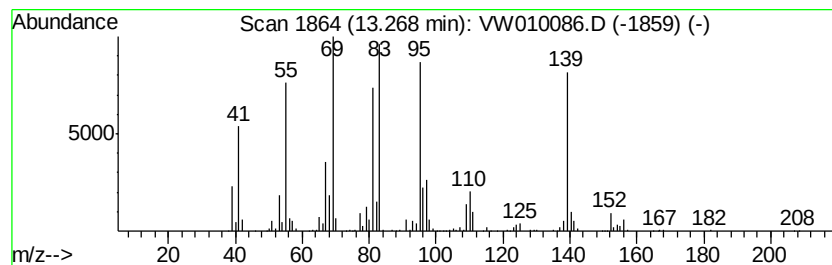
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 Quant Title : VOC Analysis

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

 Peak Number 11 Bicyclo[3.1.1]heptan-3-one,... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	12.39 ug/L	631296	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	49
2		3-Octene, 2,2-dimethyl-	140	C10H20	086869-76-3	25
3		5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	15
4		Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	15
5		5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	15



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR6RE

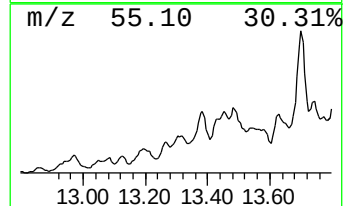
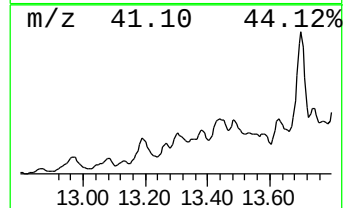
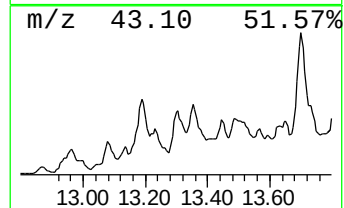
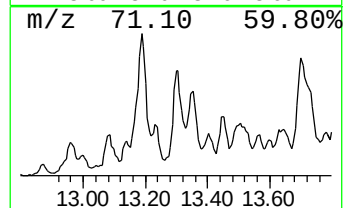
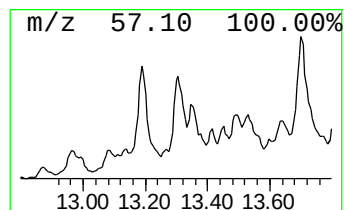
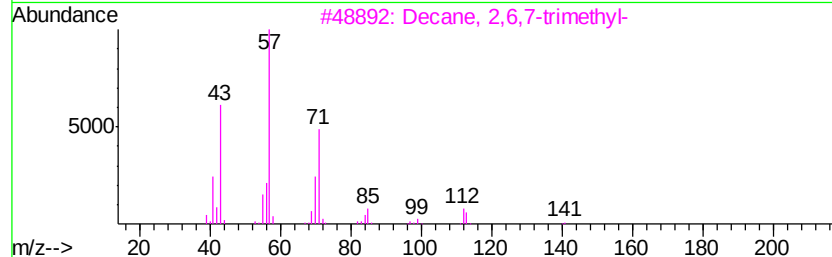
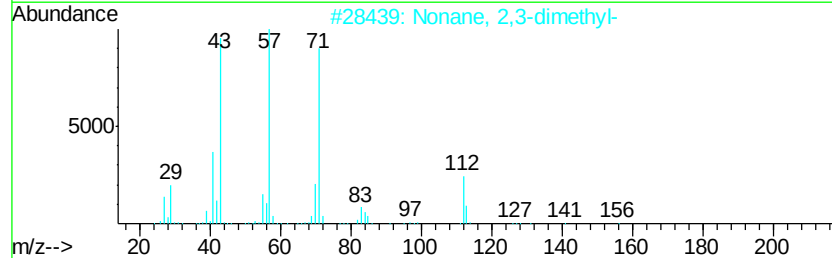
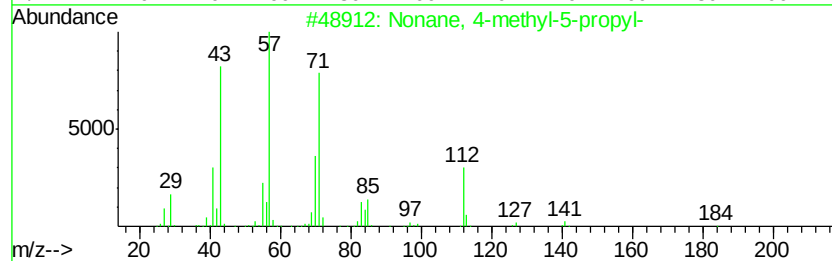
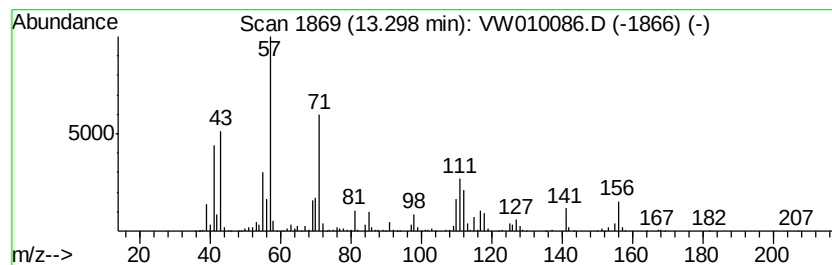
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	19.51 ug/L	993941	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	55
2		Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	35
3		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	30
4		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	27
5		Decane, 4-methyl-	156	C11H24	002847-72-5	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR6RE

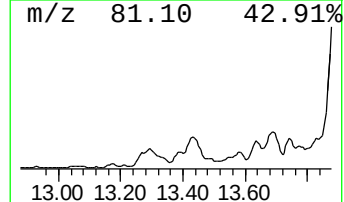
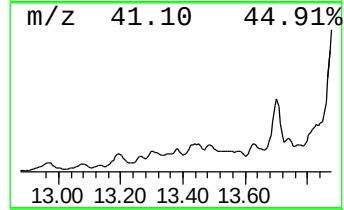
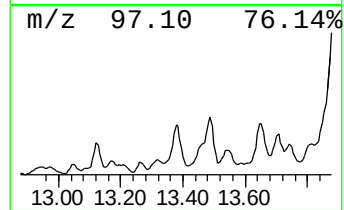
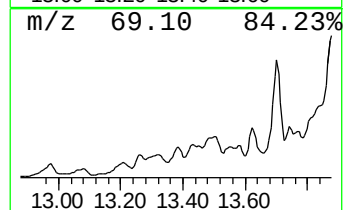
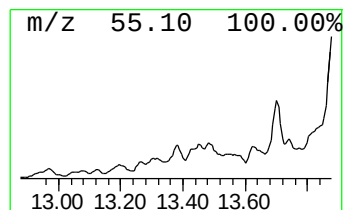
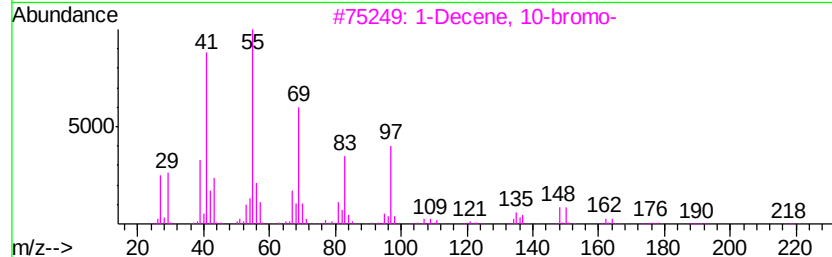
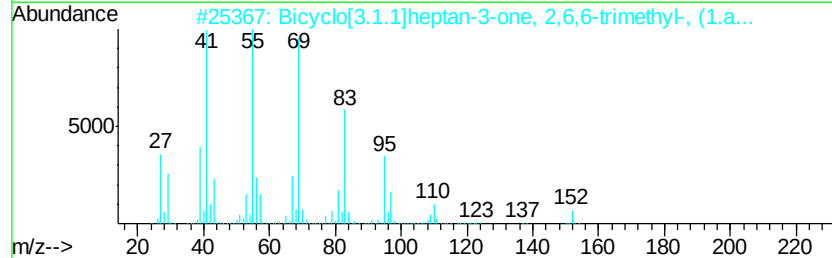
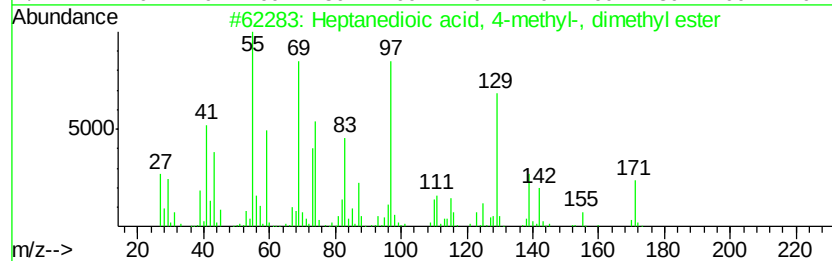
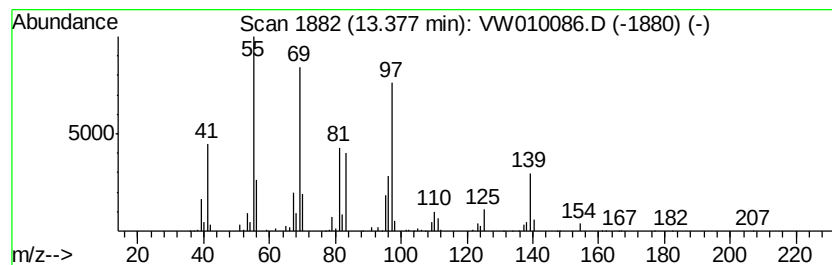
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Quant Title : VOC Analysis

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

Peak Number 13 Heptanedioic acid, 4-methyl... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	6.09 ug/L	310442	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptanedioic acid, 4-methyl-, di...	202	C10H18O4	004751-49-9	53
2		Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	43
3		1-Decene, 10-bromo-	218	C10H19Br	062871-09-4	43
4		3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	35
5		Bicyclo[3.1.1]heptan-3-one, 2-et...	166	C11H18O	1000163-95-8	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR6RE

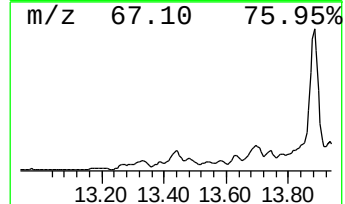
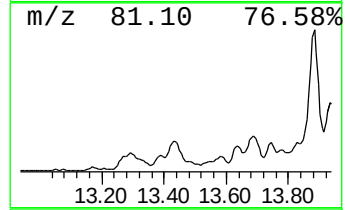
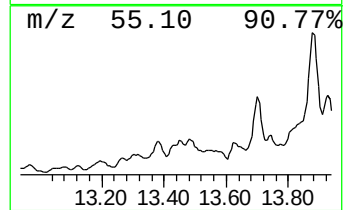
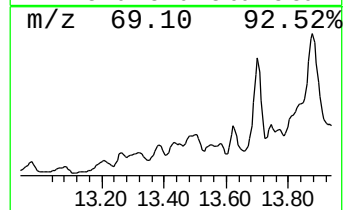
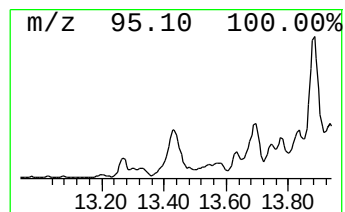
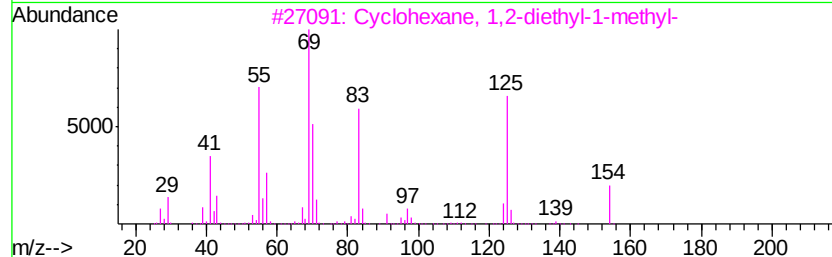
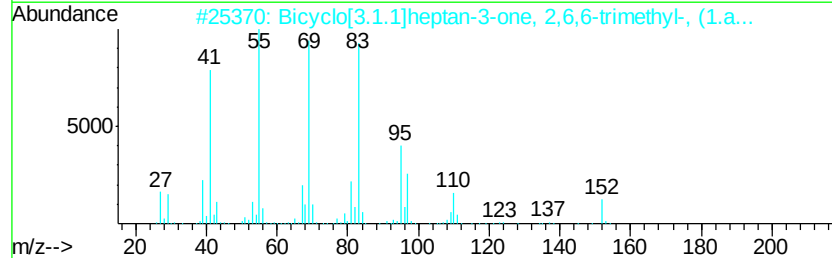
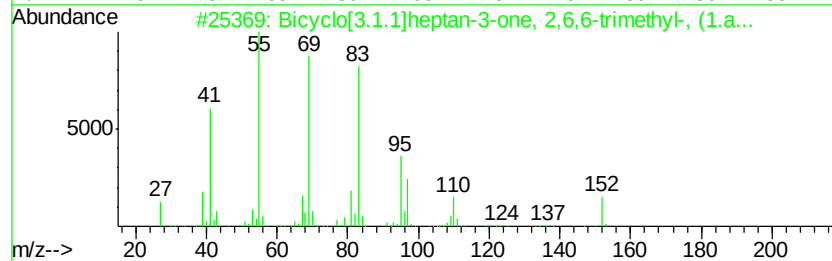
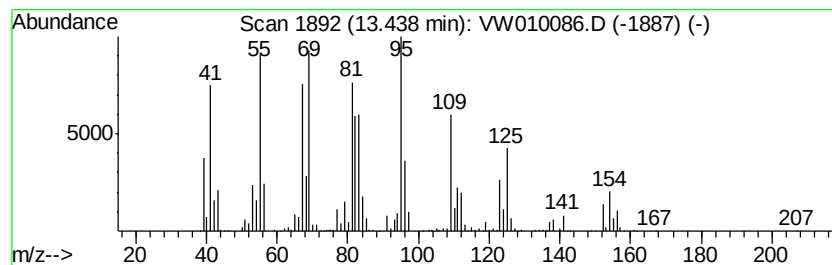
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Quant Title : VOC Analysis

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

Peak Number 14 unknown-02 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	29.61 ug/L	1508080	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	43
2		Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	43
3		Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	43
4		Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	38
5		Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

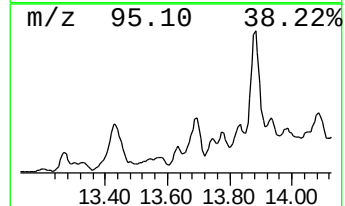
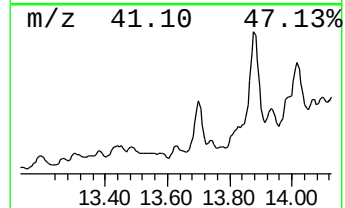
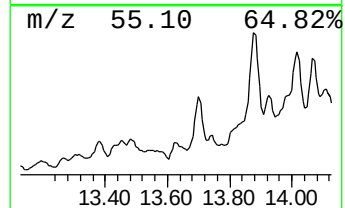
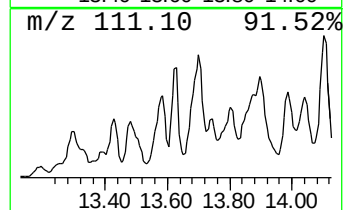
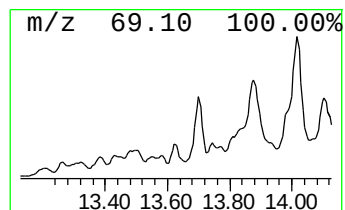
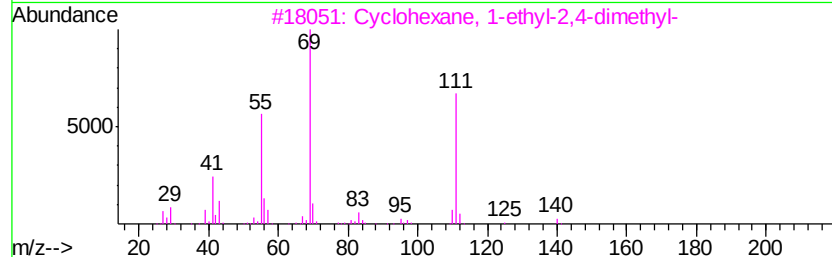
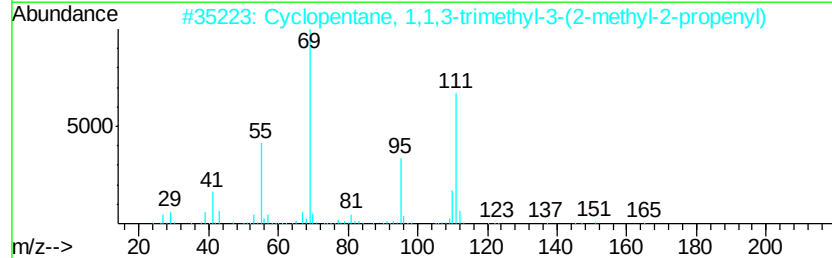
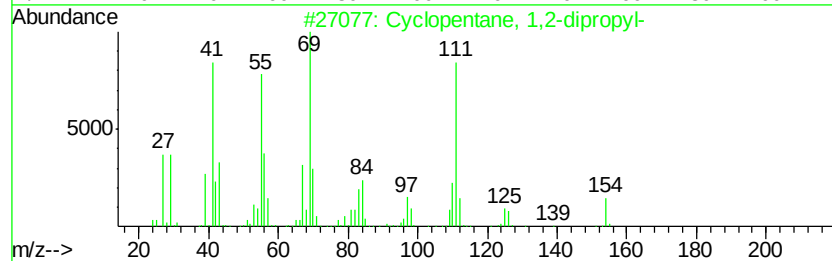
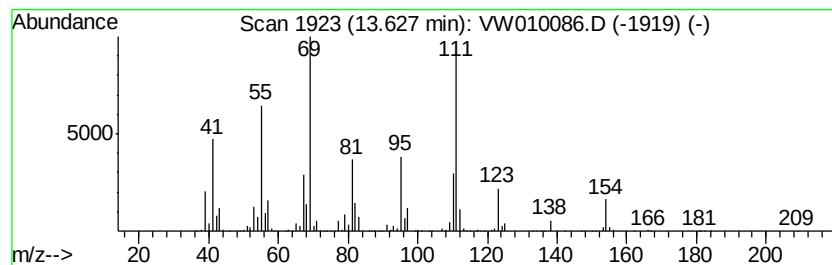
Instrument :
MSVOA_W
ClientSampleId :
GAHR6RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Cyclic13.63 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	28.36 ug/L	1444490	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentane, 1,2-dipropyl-	154 C11H22	091242-57-8 68
2		Cyclopentane, 1,1,3-trimethyl-3-...	166 C12H22	074421-09-3 64
3		Cyclohexane, 1-ethyl-2,4-dimethyl-	140 C10H20	061142-69-6 50
4		Cyclohexane, 1,2,4-trimethyl-, (...)	126 C9H18	007667-60-9 50
5		3-Isopropyl-5-methyl-hex-4-en-2-one	154 C10H18O	077142-85-9 47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR6RE

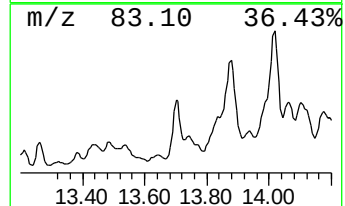
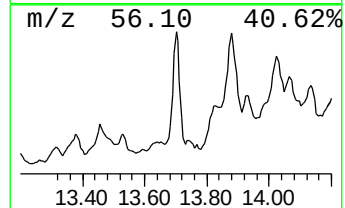
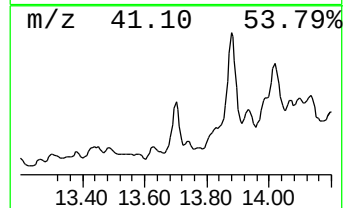
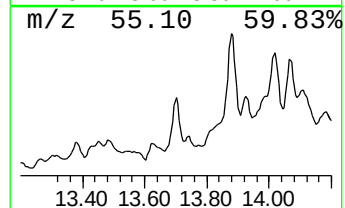
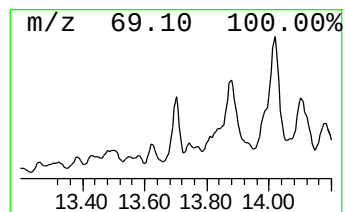
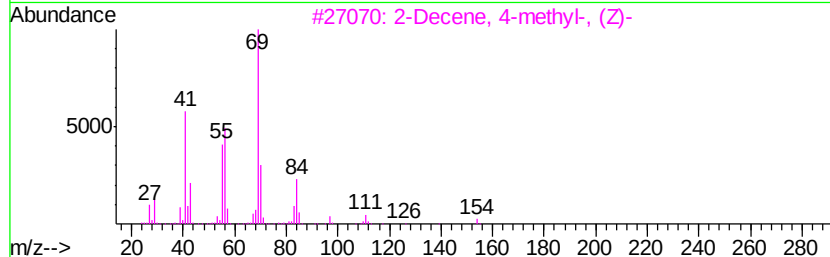
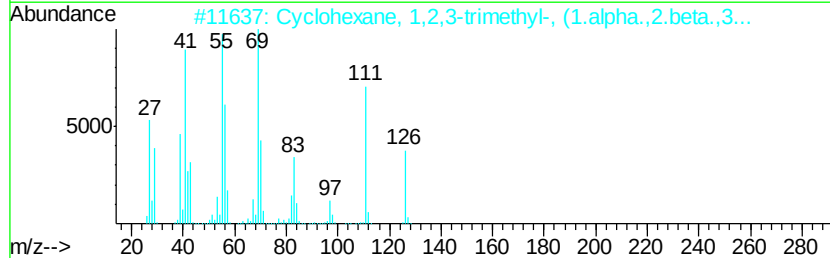
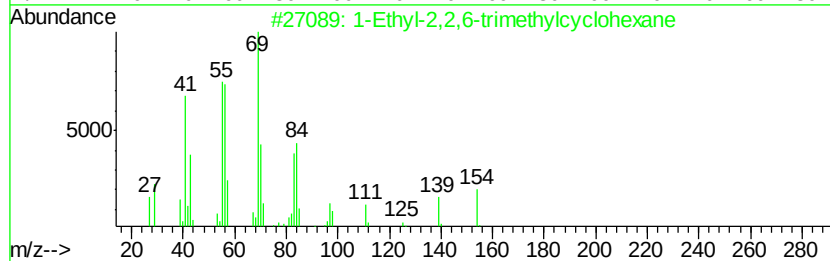
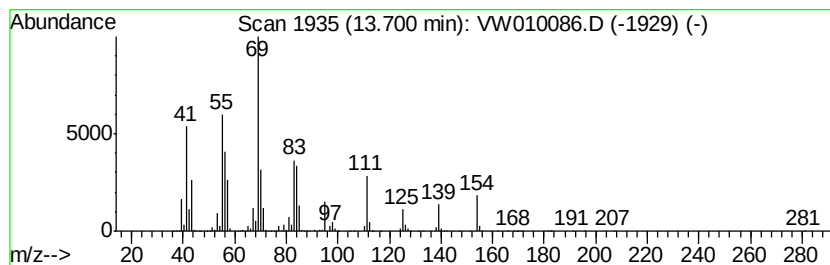
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Cyclic13.70 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	72.30 ug/L	3682450	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	87
2		Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	70
3		2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	64
4		2-Undecene, 4-methyl-	168	C12H24	091695-32-8	53
5		5-Undecene	154	C11H22	004941-53-1	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

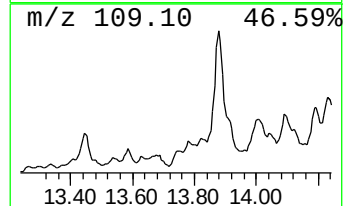
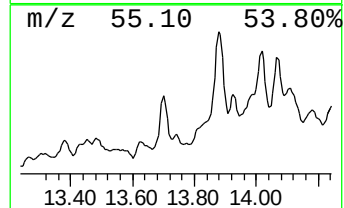
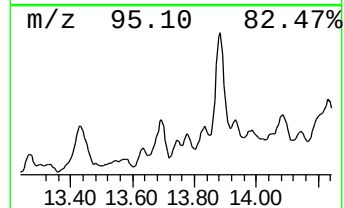
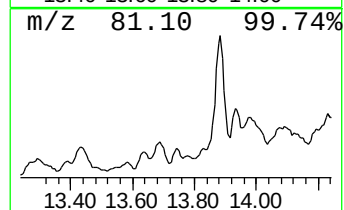
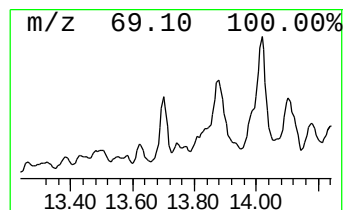
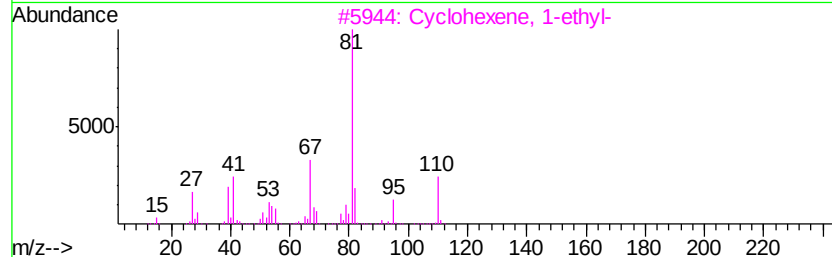
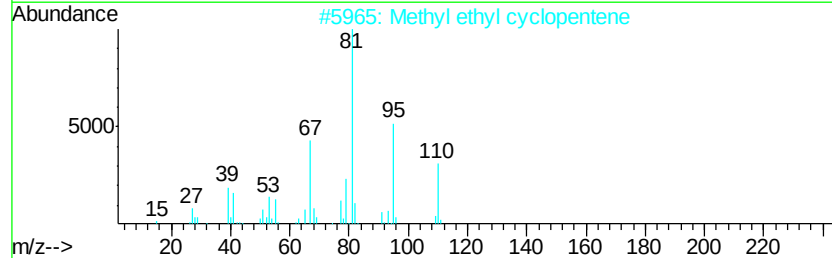
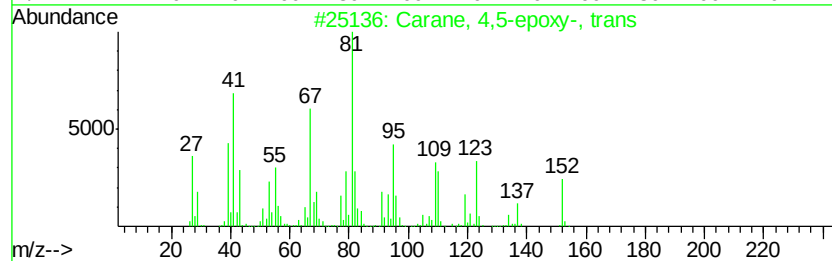
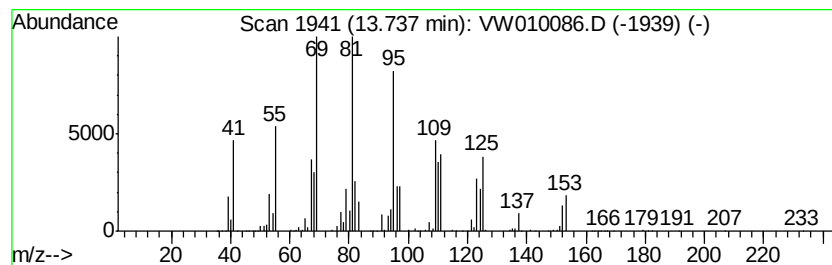
Instrument :
MSVOA_W
ClientSampleId :
GAHR6RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 17 unknown-03 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.74	9.85 ug/L	501554	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carane, 4,5-epoxy-, trans	152	C10H16O	006909-20-2	41
2	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	25
3	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	18
4	1-Cyclohexene-1-acetaldehyde, .a...	152	C10H16O	053155-80-9	18
5	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	14



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAHR6RE

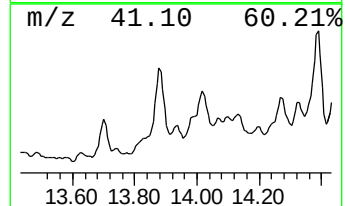
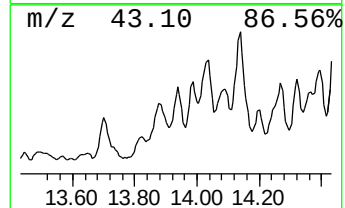
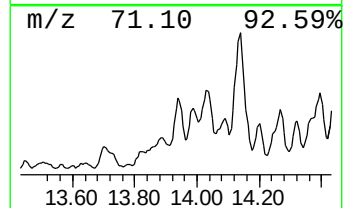
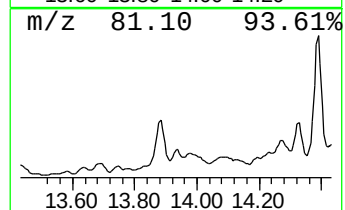
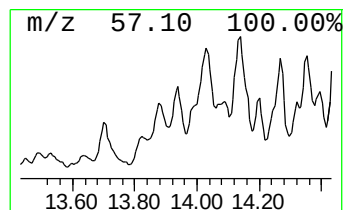
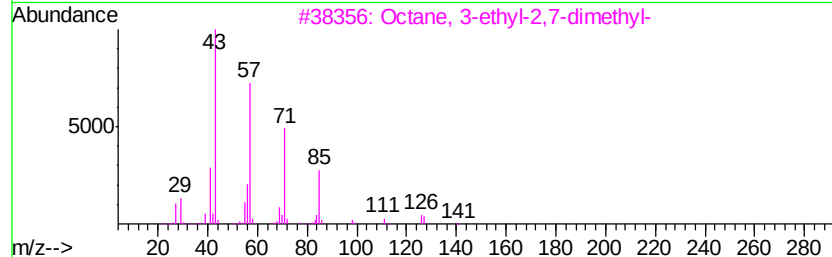
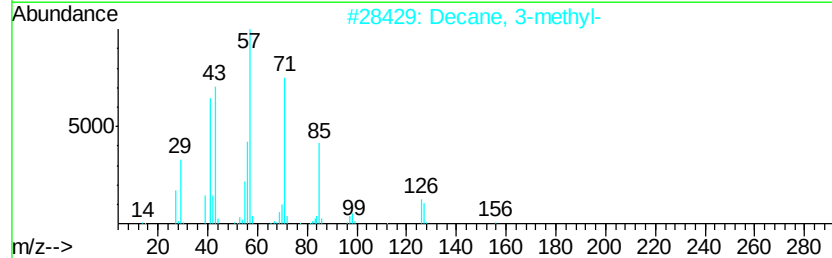
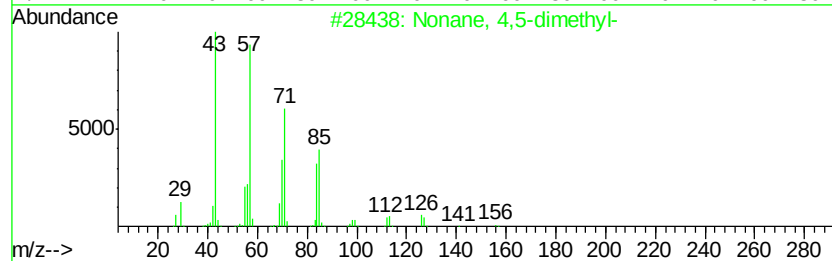
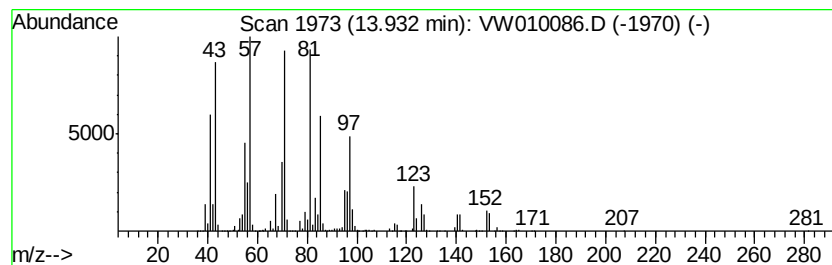
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Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	26.97 ug/L	1373990	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	38
2		Decane, 3-methyl-	156	C11H24	013151-34-3	38
3		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	27
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	27
5		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR6RE

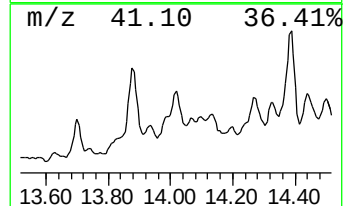
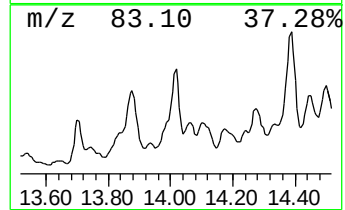
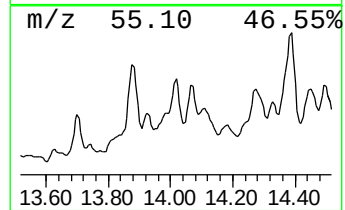
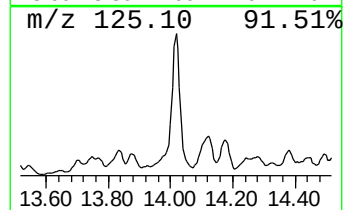
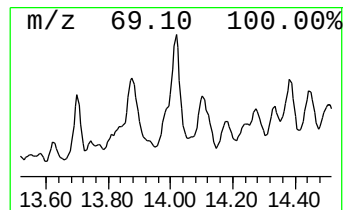
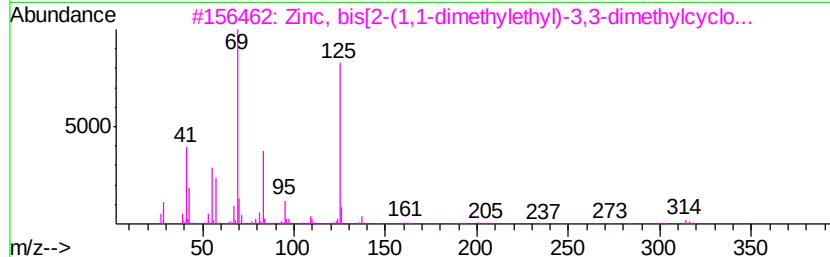
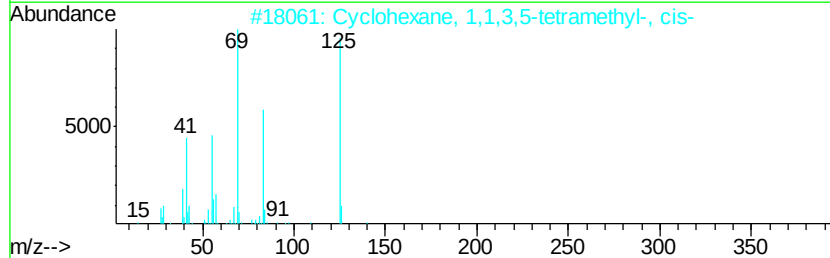
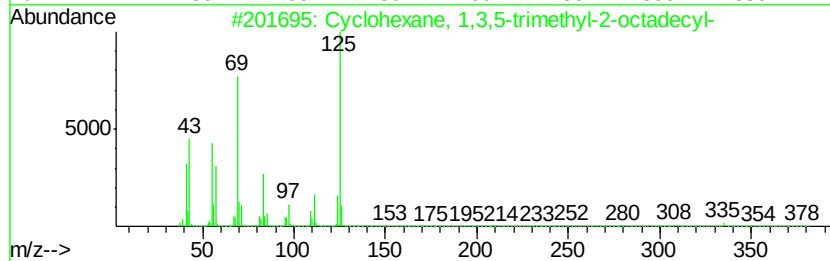
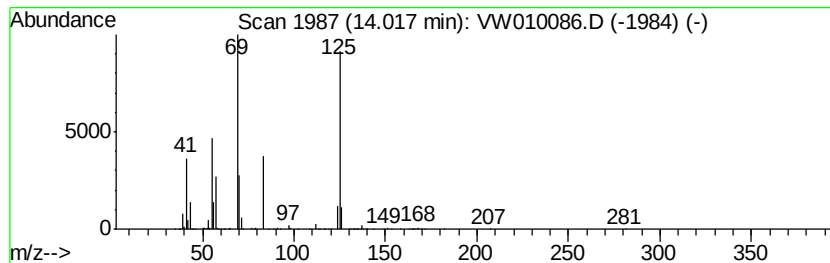
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Quant Title : VOC Analysis

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

Peak Number 19 (DEL) Alkane: Cyclic14.02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	62.82 ug/L	3199750	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	74
2		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	72
3		Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	72
4		Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	64
5		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	56



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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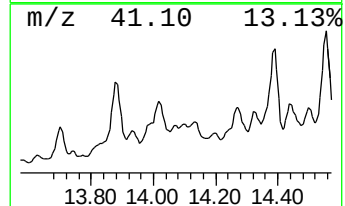
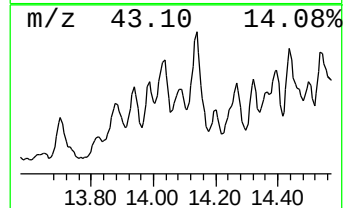
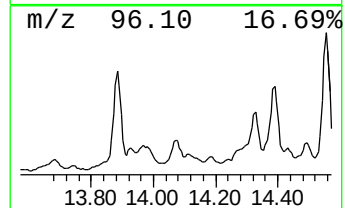
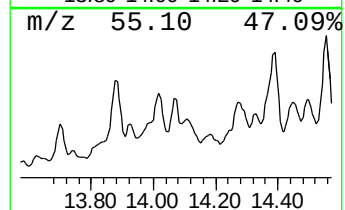
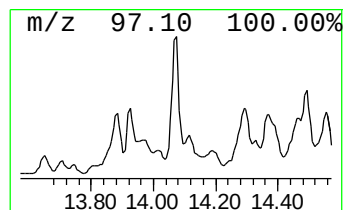
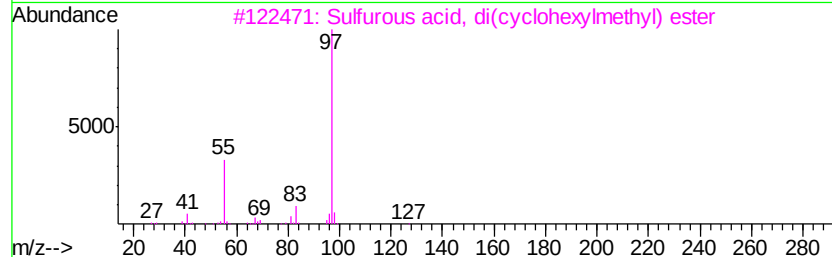
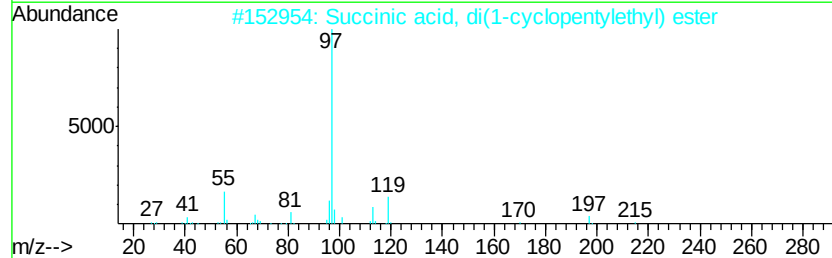
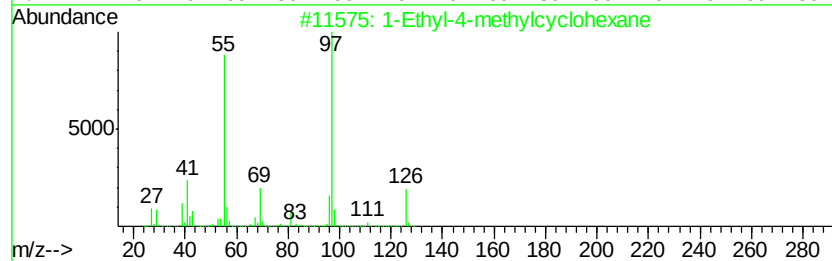
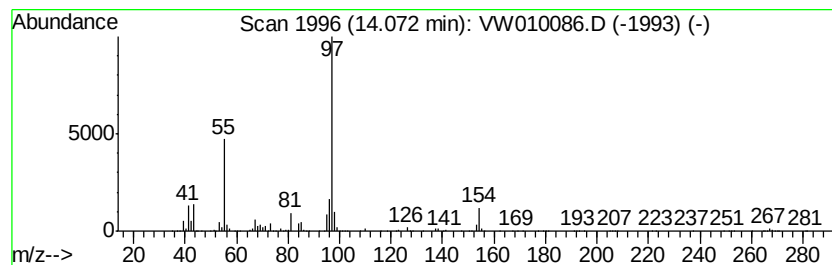
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Quant Title : VOC Analysis

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

Peak Number 20 (DEL) Alkane: Cyclic14.07 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	18.58 ug/L	946527	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
2		Succinic acid, di(1-cyclopentyle...)	310	C18H30O4	1000330-21-8	59
3		Sulfurous acid, di(cyclohexylmet...)	274	C14H26O3S	1000309-22-7	59
4		Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	59
5		Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

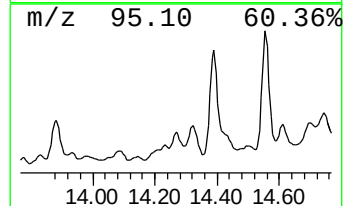
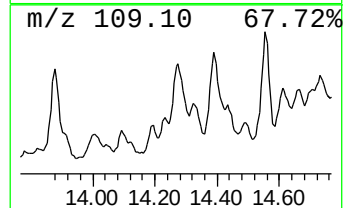
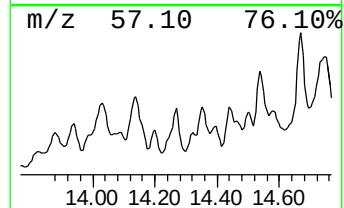
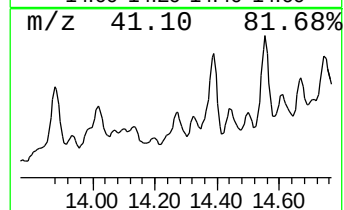
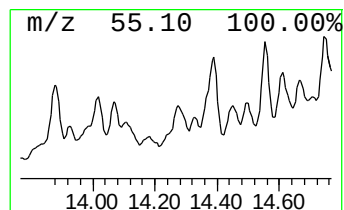
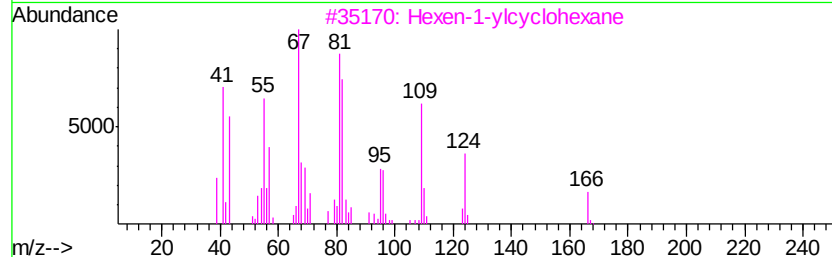
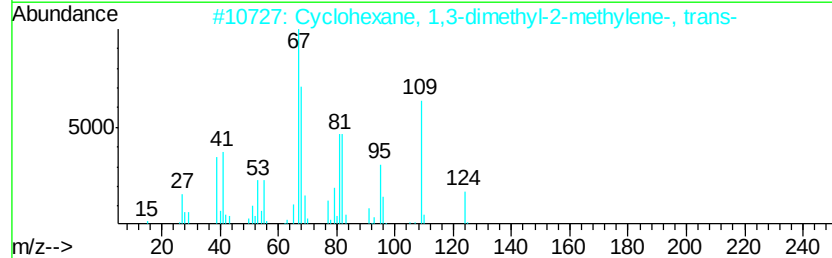
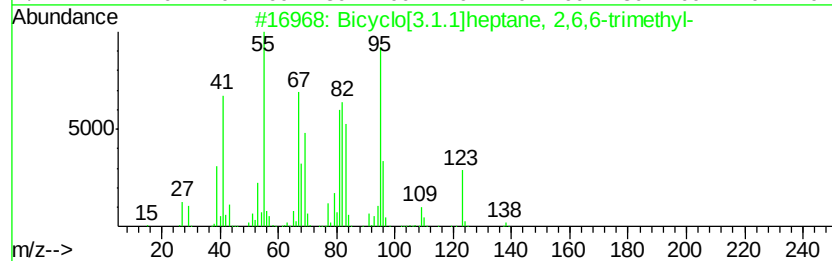
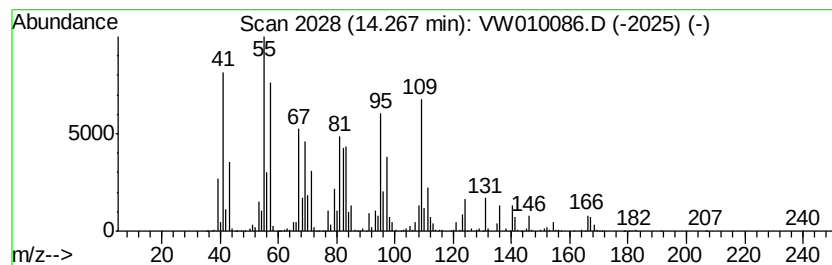
Instrument :
MSVOA_W
ClientSampleId :
GAHR6RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 21 Bicyclo[3.1.1]heptane, 2,6,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	67.04 ug/L	3414850	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138 C10H18	000473-55-2 55
2		Cyclohexane, 1,3-dimethyl-2-meth...	124 C9H16	020348-74-7 50
3		Hexen-1-ylcyclohexane	166 C12H22	067975-92-2 46
4		2(1H)-Naphthalenone, octahydro-8...	166 C11H18O	001197-95-1 46
5		cis-9,10-Epoxyoctadecan-1-ol	284 C18H36O2	013980-12-6 43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR6RE

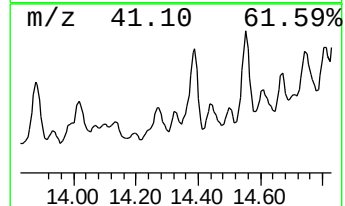
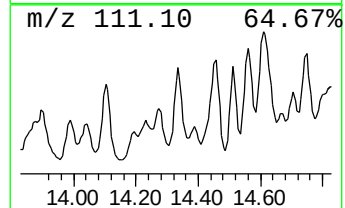
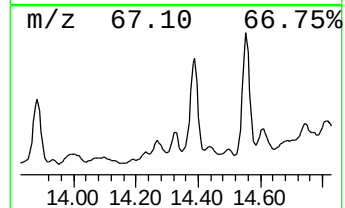
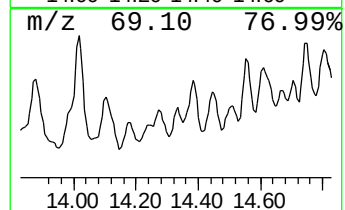
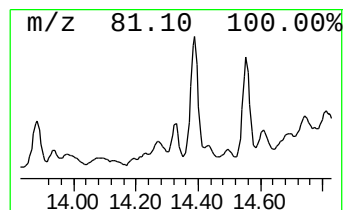
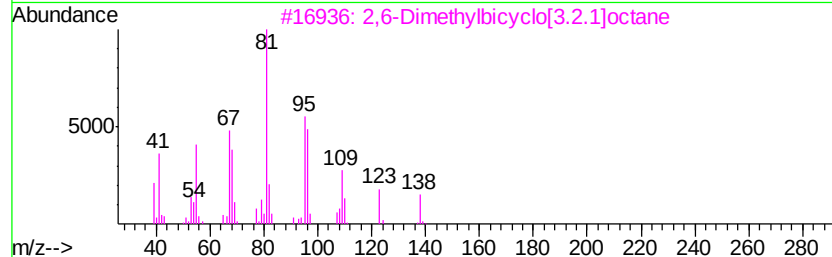
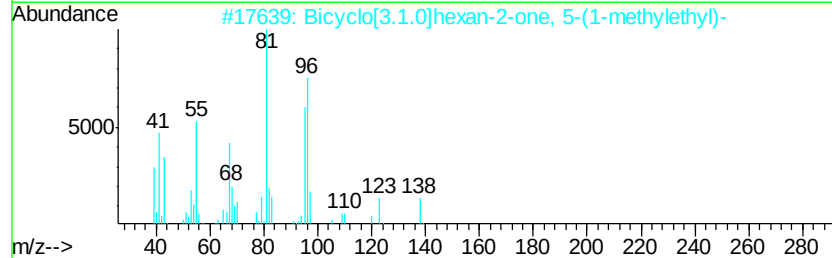
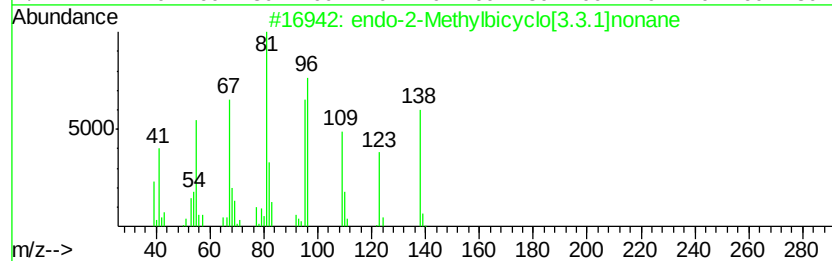
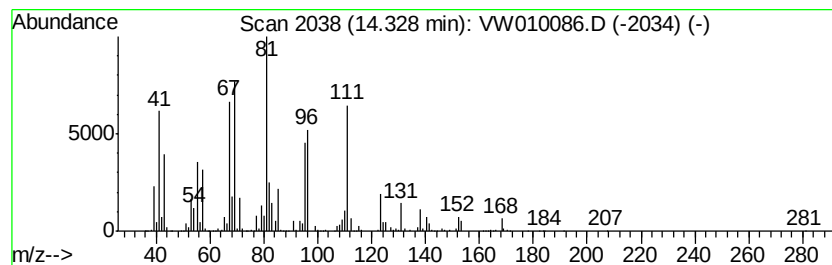
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Quant Title : VOC Analysis

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

Peak Number 22 endo-2-Methylbicyclo[3.3.1]... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	52.53 ug/L	2675610	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	endo-2-Methylbicyclo[3.3.1]nonane	138	C10H18	042558-37-2	55
2		Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	50
3		2,6-Dimethylbicyclo[3.2.1]octane	138	C10H18	1000215-28-2	49
4		Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	46
5		Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

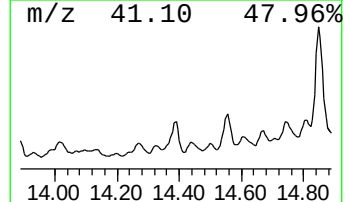
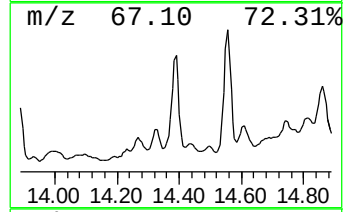
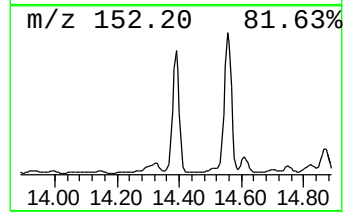
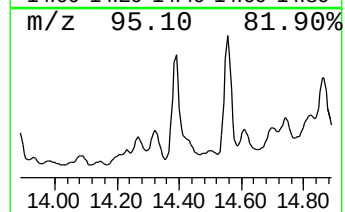
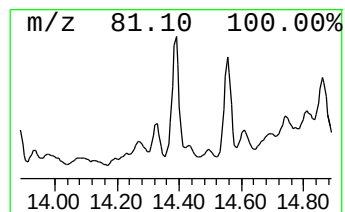
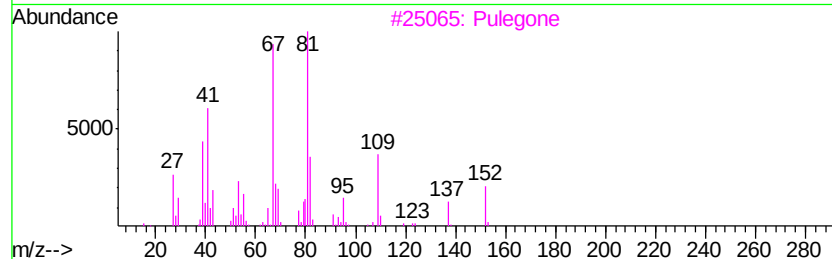
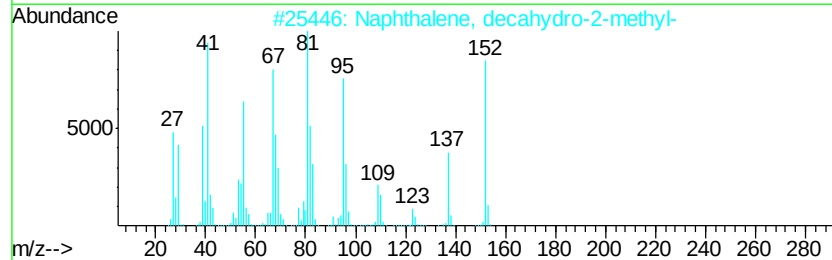
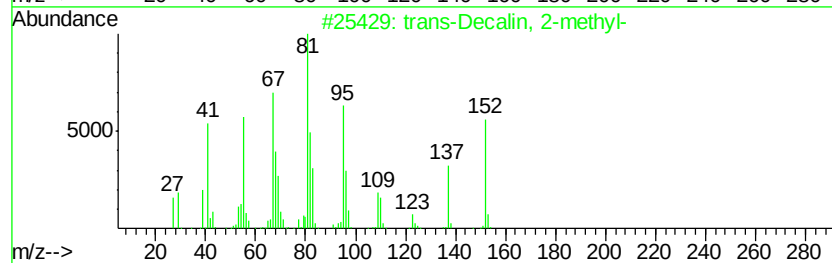
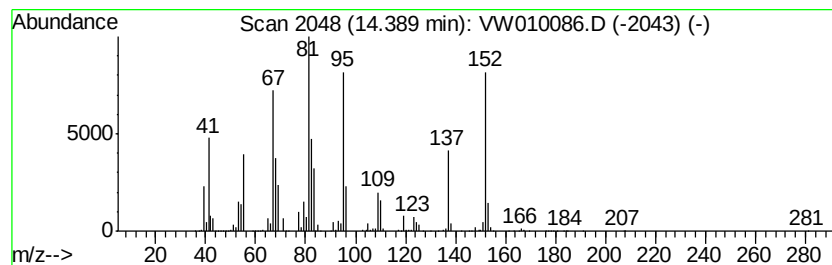
Instrument :
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ClientSampleId :
GAHR6RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 23 trans-Decalin, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.39	218.62 ug/L	11135700	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	95
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	94
3	Pulegone	152	C10H16O	000089-82-7	70
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	68
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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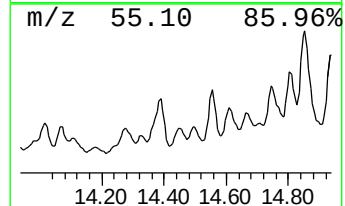
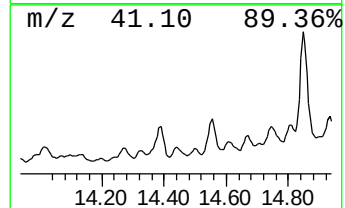
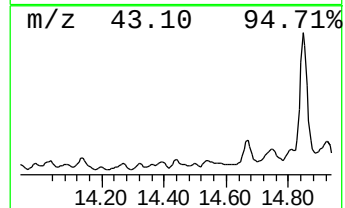
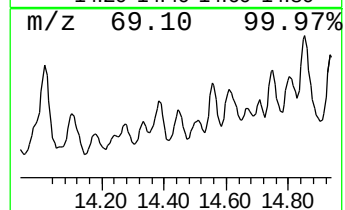
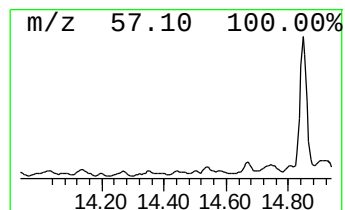
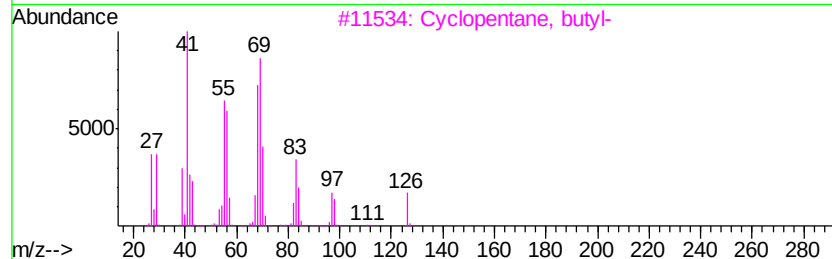
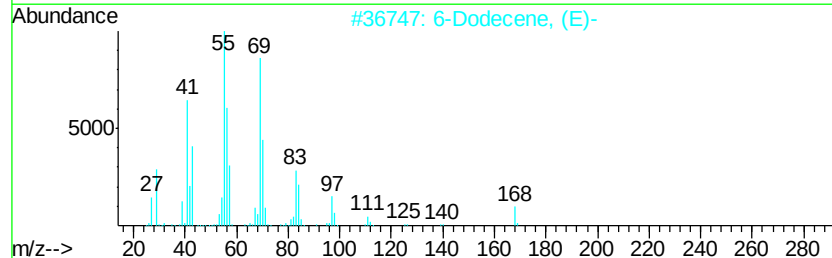
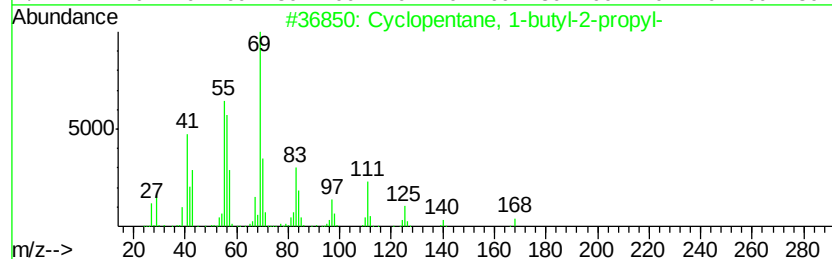
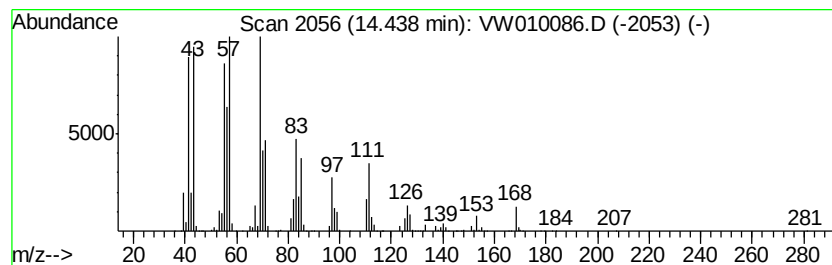
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Quant Title : VOC Analysis

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	45.77 ug/L	2331260	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	70
2		6-Dodecene, (E)-	168	C12H24	007206-17-9	64
3		Cyclopentane, butyl-	126	C9H18	002040-95-1	60
4		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	55
5		2-Undecene, 7-methyl-	168	C12H24	1000061-83-0	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR6RE

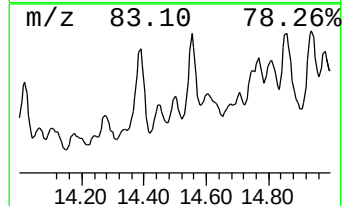
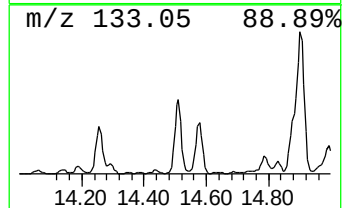
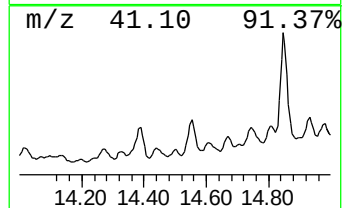
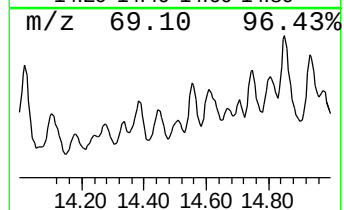
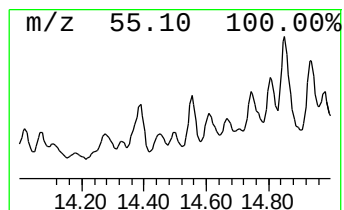
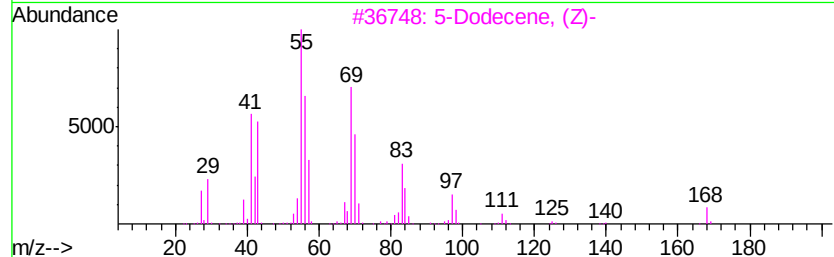
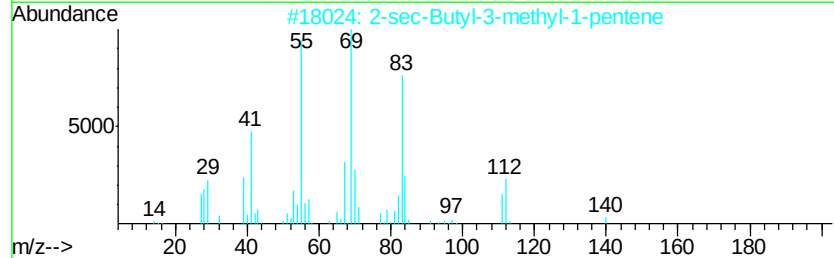
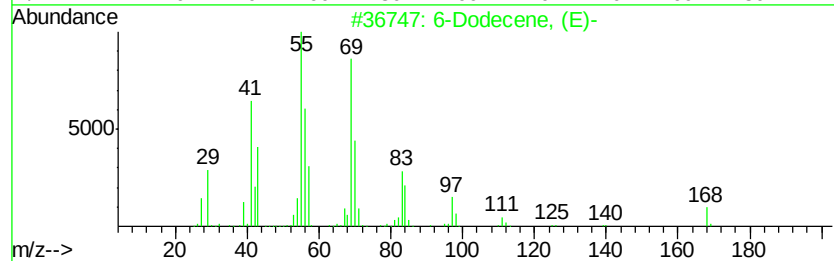
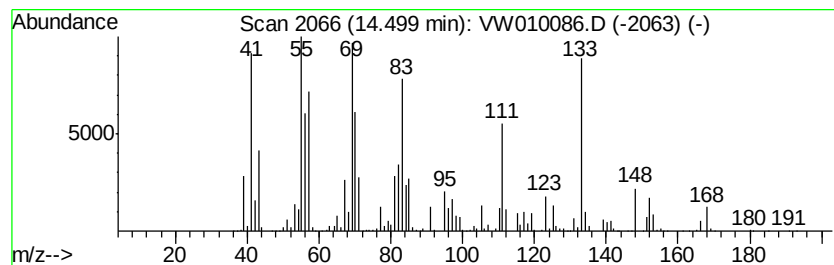
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Quant Title : VOC Analysis

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	36.92 ug/L	1880550	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Dodecene, (E)-	168	C12H24	007206-17-9	46
2		2-sec-Butyl-3-methyl-1-pentene	140	C10H20	075144-24-0	45
3		5-Dodecene, (Z)-	168	C12H24	007206-28-2	41
4		2-Heptenal, (Z)-	112	C7H12O	057266-86-1	38
5		Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR6RE

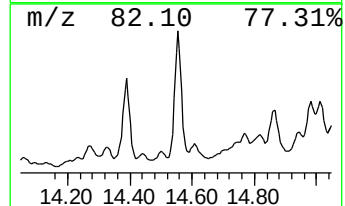
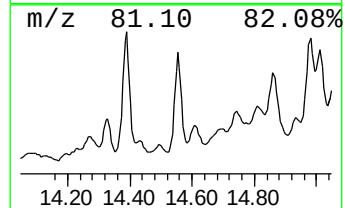
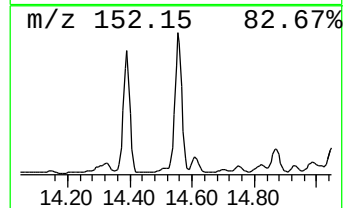
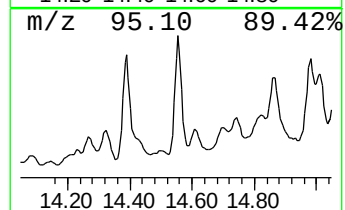
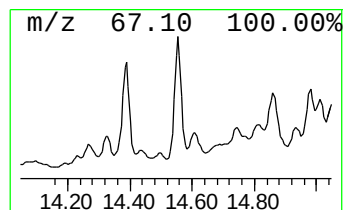
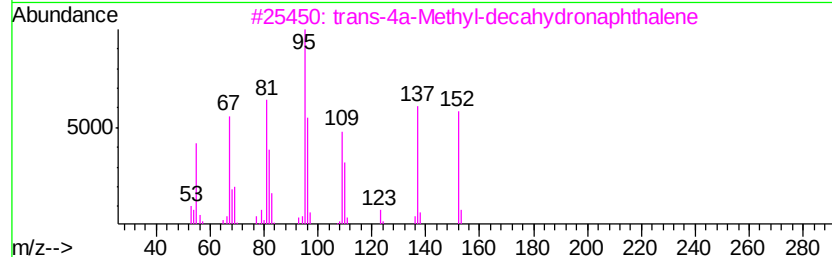
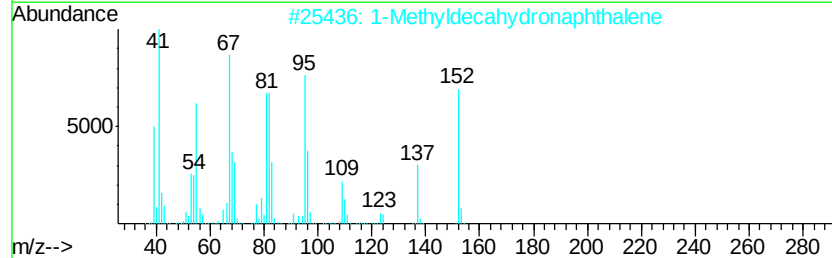
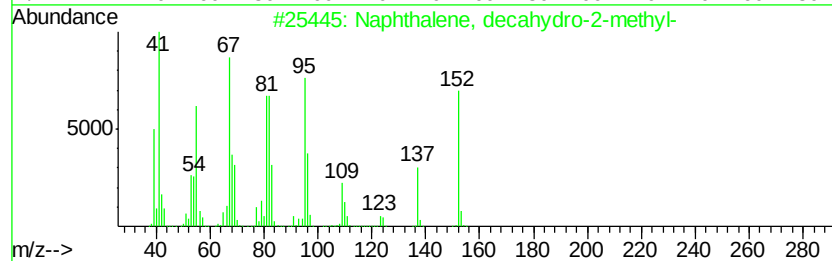
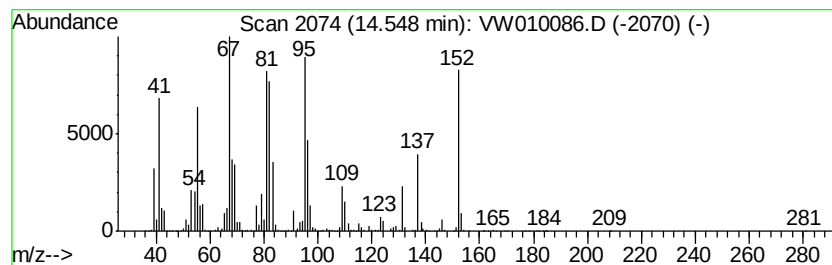
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Quant Title : VOC Analysis

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

Peak Number 26 Naphthalene, decahydro-2-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	267.87 ug/L	13644300	1,4-Dichlorobenzene-d4	13.56

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		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	91
4		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	91
5		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	89



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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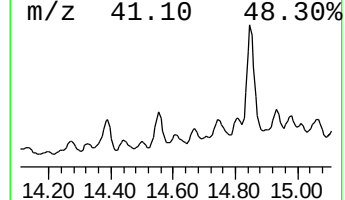
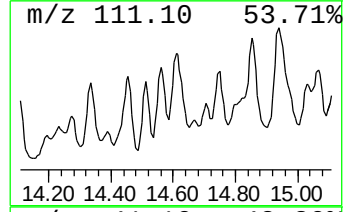
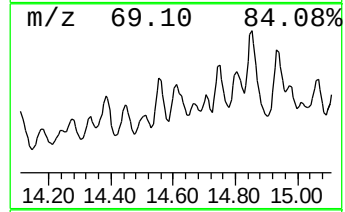
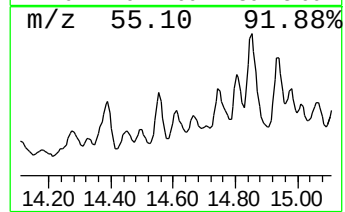
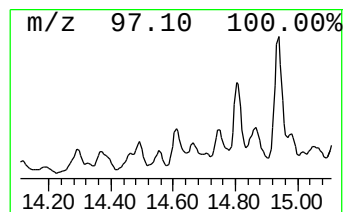
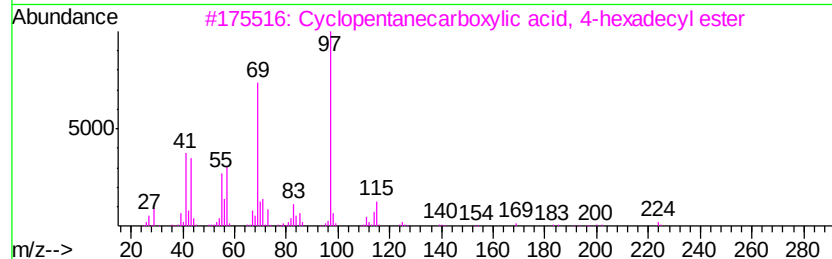
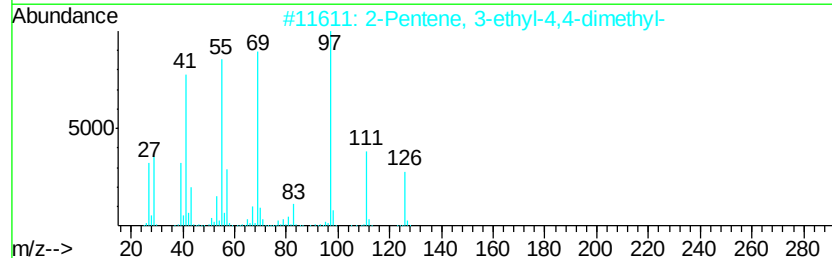
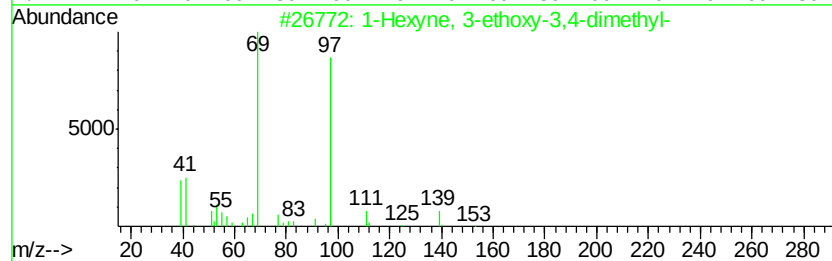
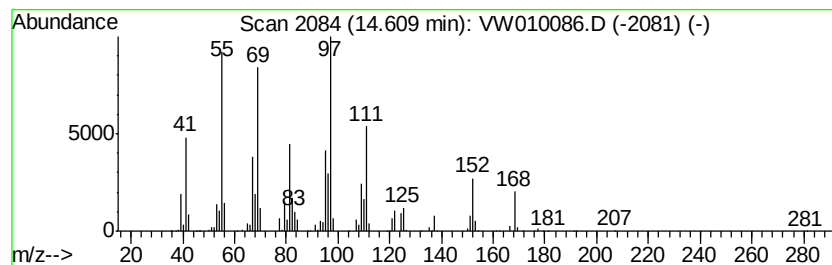
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Quant Title : VOC Analysis

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

Peak Number 27 unknown-04 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	53.01 ug/L	2700210	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexyne, 3-ethoxy-3,4-dimethyl-	154	C10H18O	054244-91-6	38
2			2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	38
3			Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	38
4			1(2H)-Naphthalenone, octahydro-,...	152	C10H16O	1000141-71-1	27
5			Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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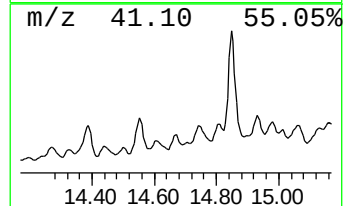
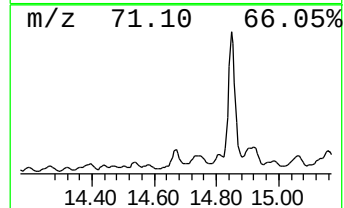
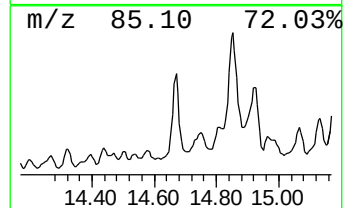
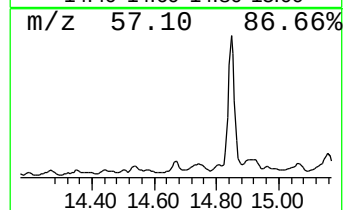
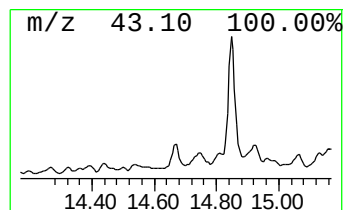
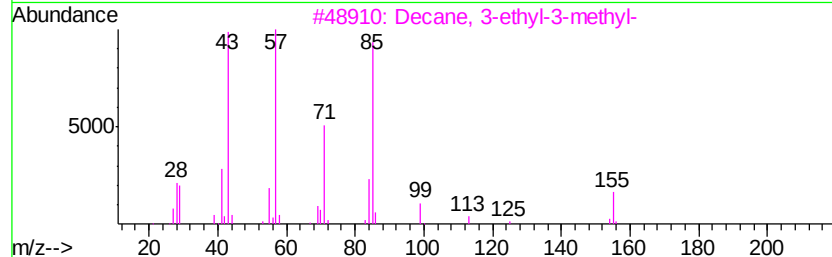
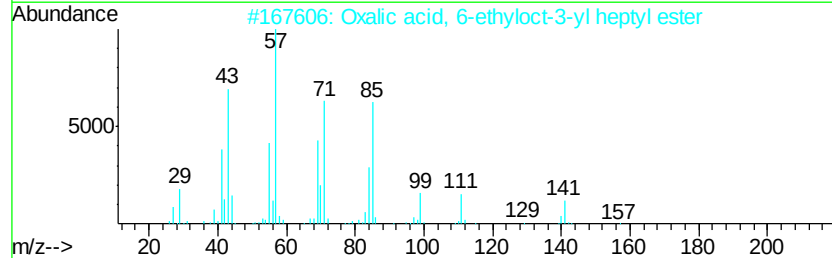
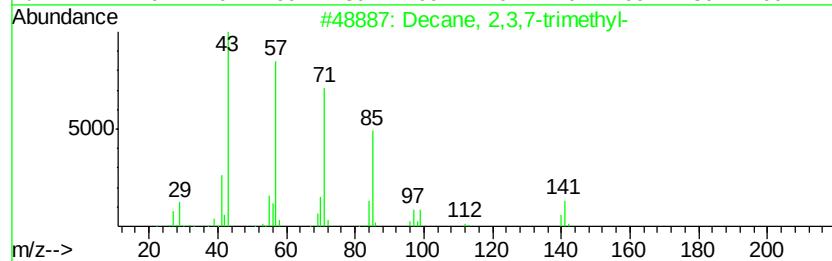
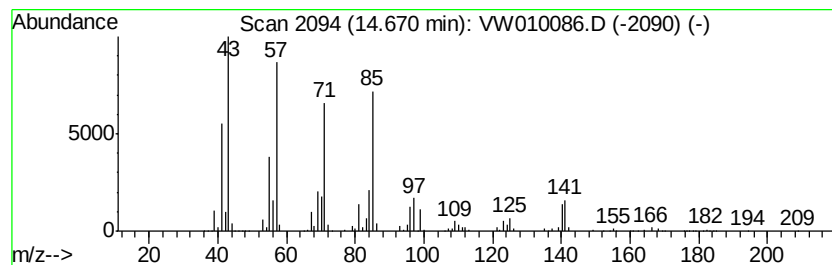
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Quant Title : VOC Analysis

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	70.95 ug/L	3614100	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	80
2		Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	72
3		Decane, 3-ethyl-3-methyl-	184	C13H28	017312-66-2	59
4		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	59
5		4,4-Dipropylheptane	184	C13H28	017312-72-0	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

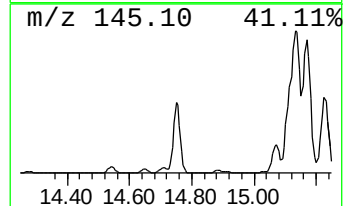
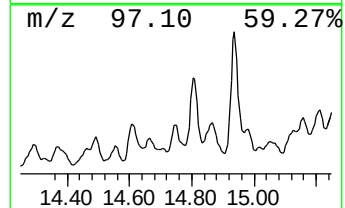
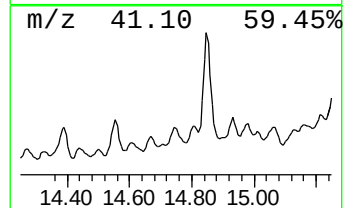
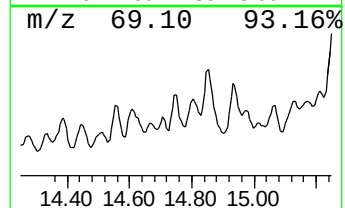
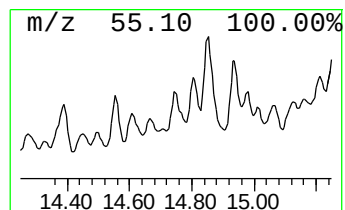
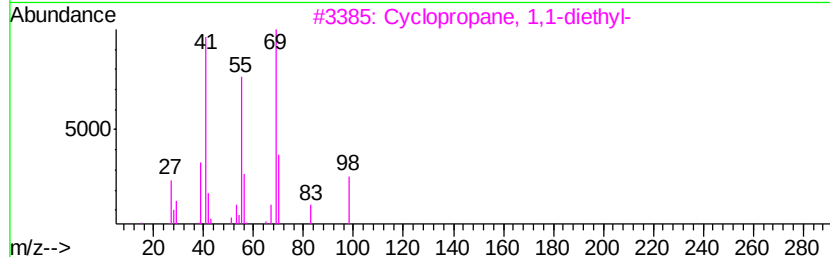
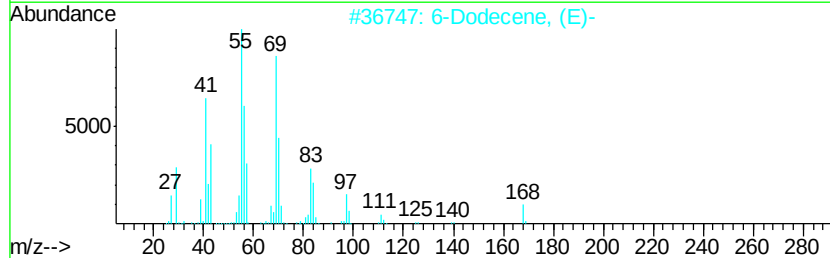
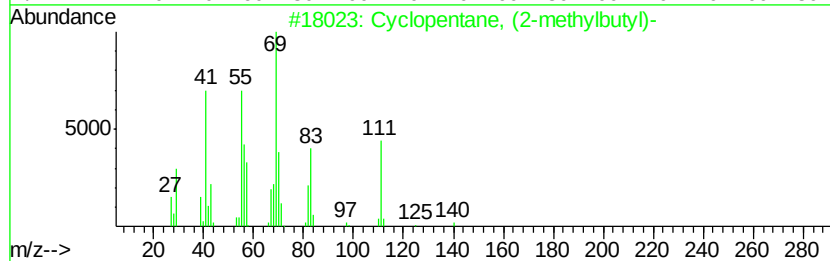
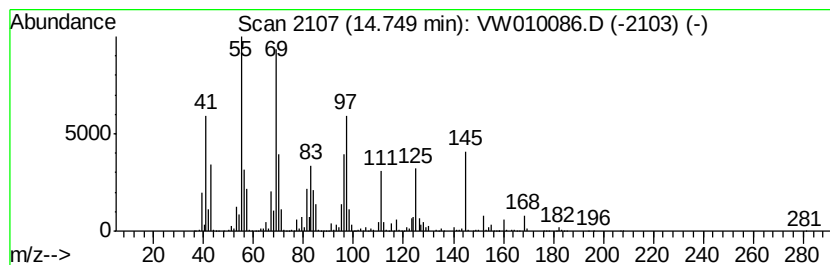
Instrument :
MSVOA_W
ClientSampleId :
GAHR6RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 29 (DEL) Alkane: Cyclic14.75 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.75	98.44 ug/L	5014260	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	46
2	6-Dodecene, (E)-	168	C12H24	007206-17-9	43
3	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	30
4	Cyclopropane, 1-hexyl-2-propyl-, ...	168	C12H24	074630-58-3	30
5	Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR6RE

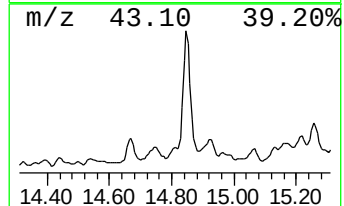
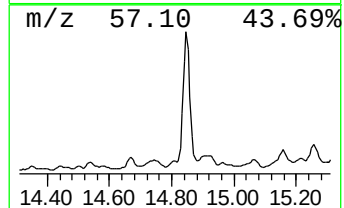
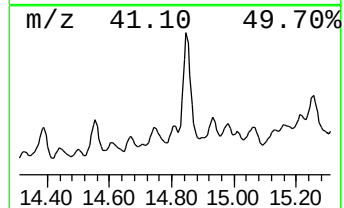
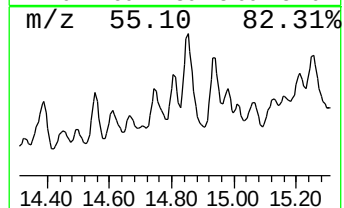
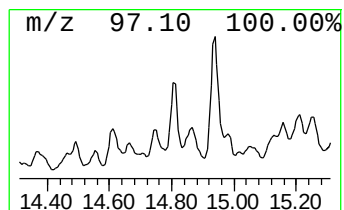
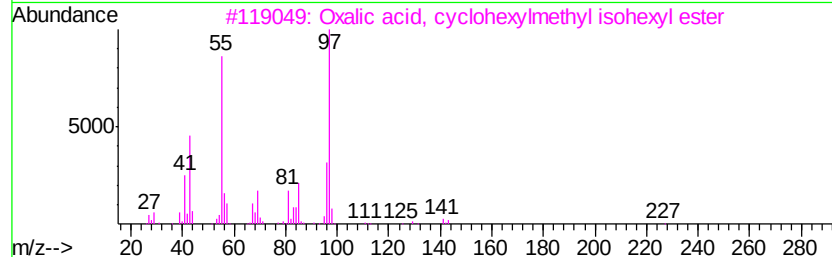
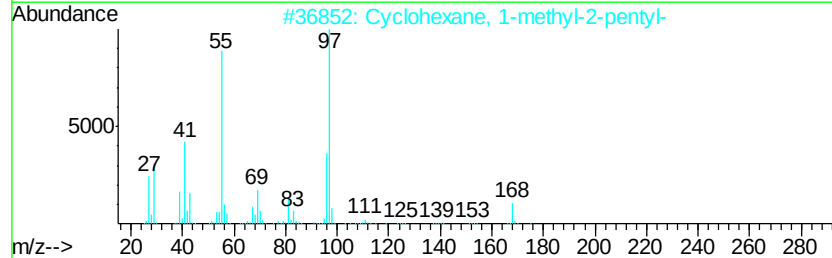
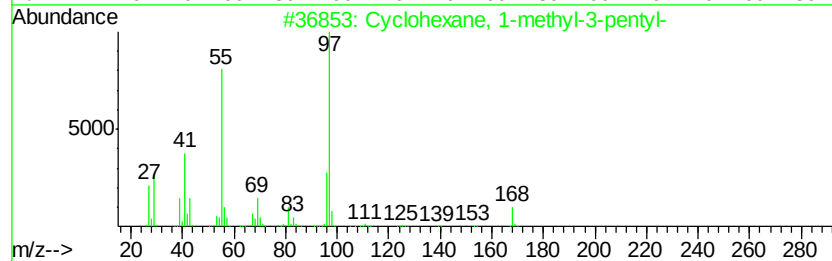
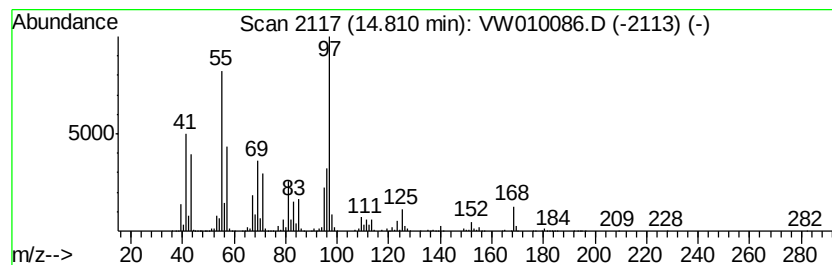
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Quant Title : VOC Analysis

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

Peak Number 30 (DEL) Alkane: Cyclic14.81 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	101.16 ug/L	5152850	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	52
2		Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	52
3		Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	50
4		Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	49
5		Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1000309-68-1	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR6RE

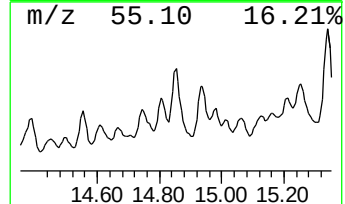
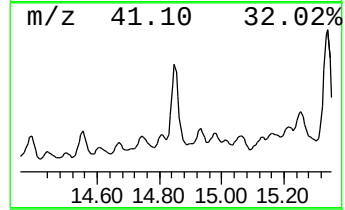
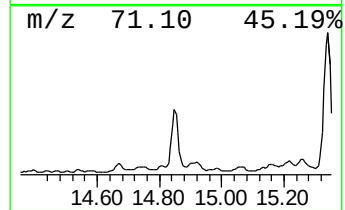
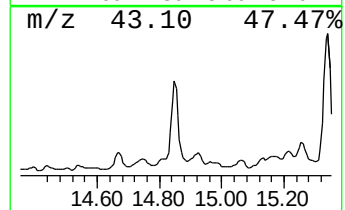
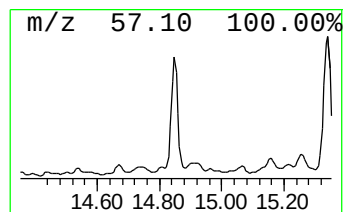
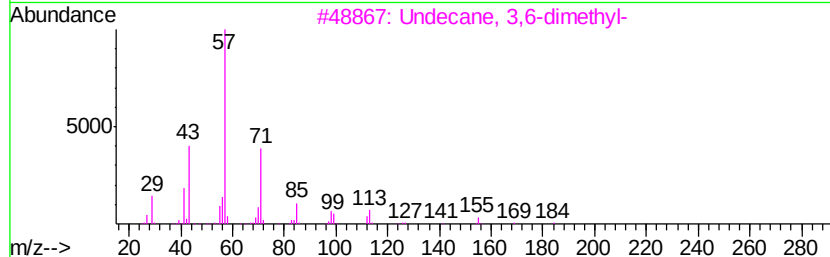
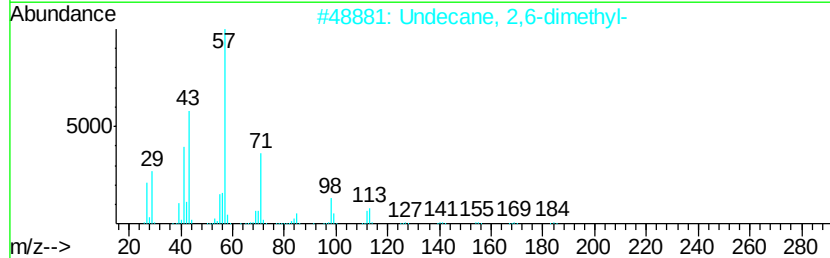
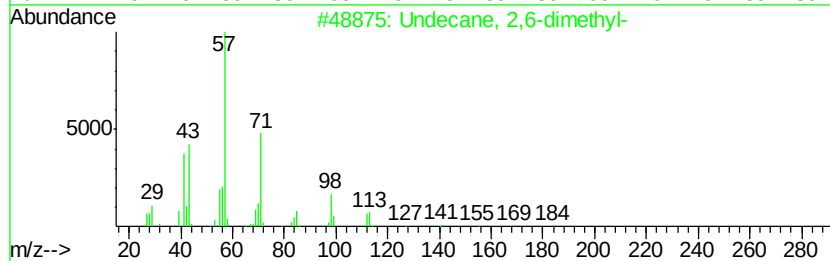
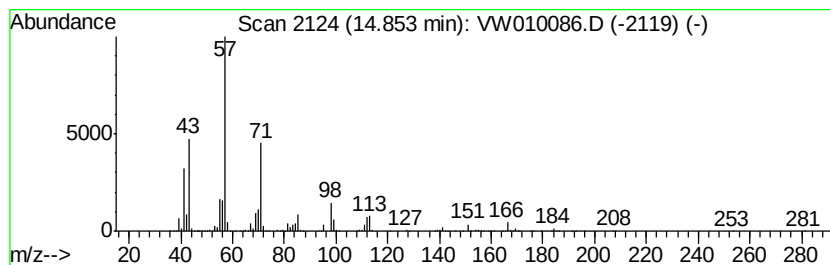
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	575.74 ug/L	29325700	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90
4		Dodecane, 6-methyl-	184	C13H28	006044-71-9	89
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR6RE

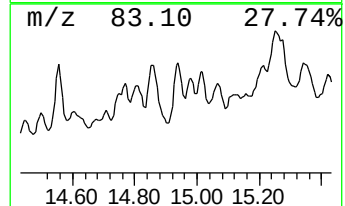
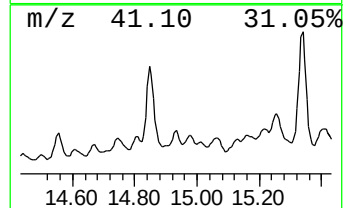
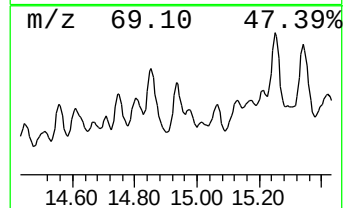
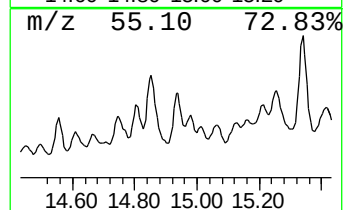
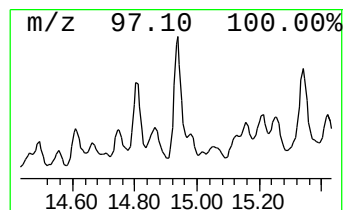
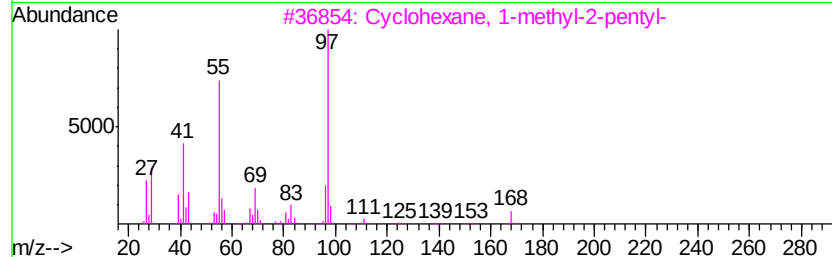
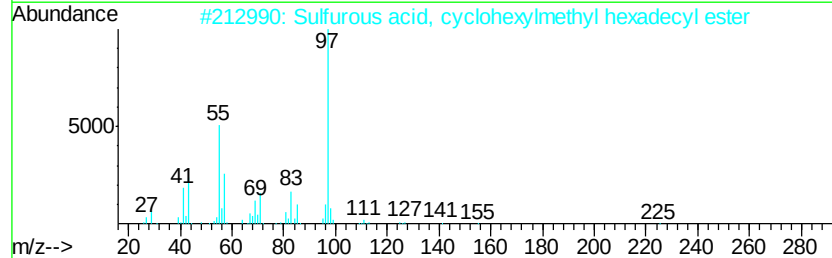
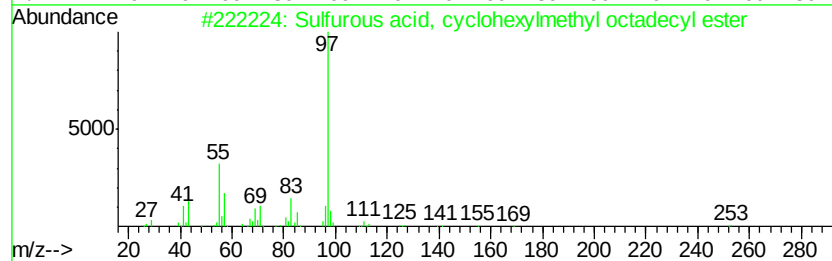
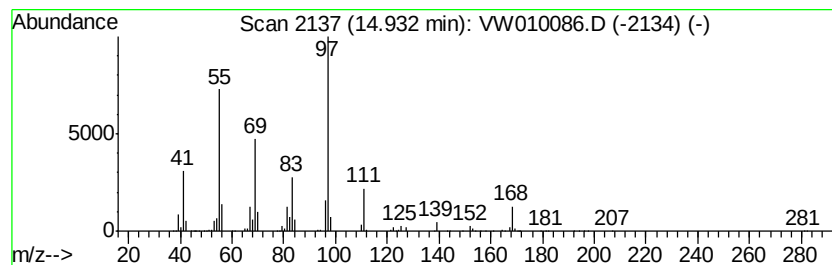
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Quant Title : VOC Analysis

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

Peak Number 32 Sulfurous acid, cyclohexylm... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	77.30 ug/L	3937410	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	72
2		Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	59
3		Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	53
4		Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	53
5		Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR6RE

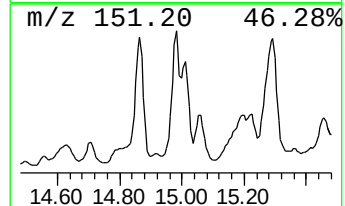
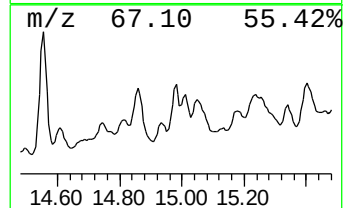
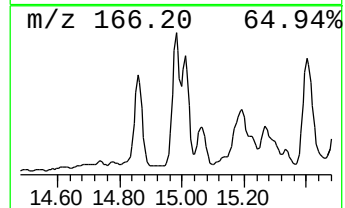
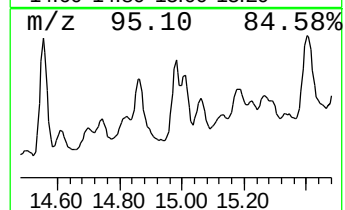
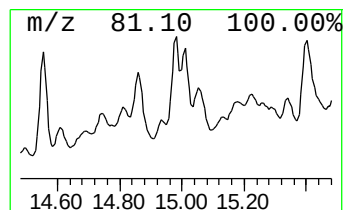
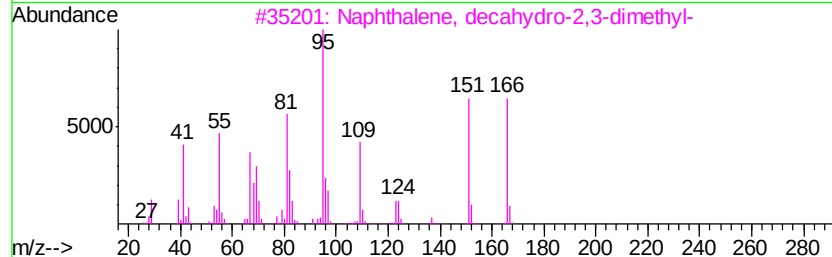
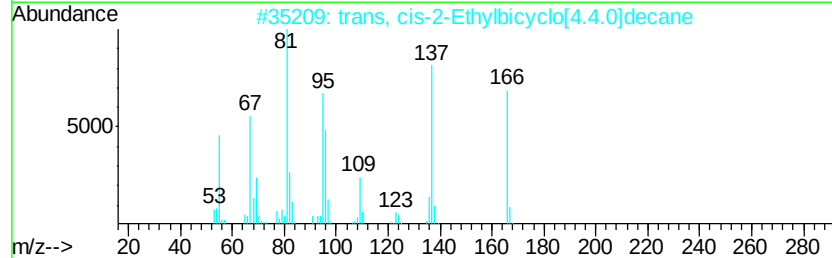
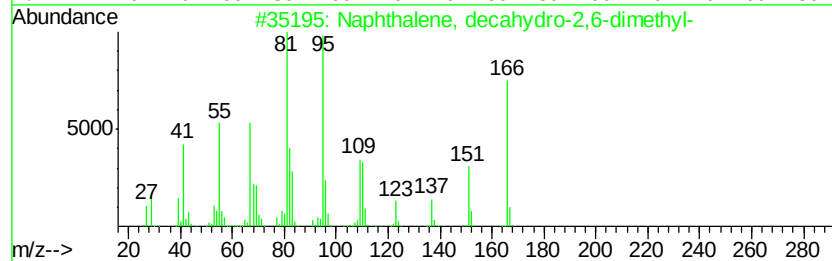
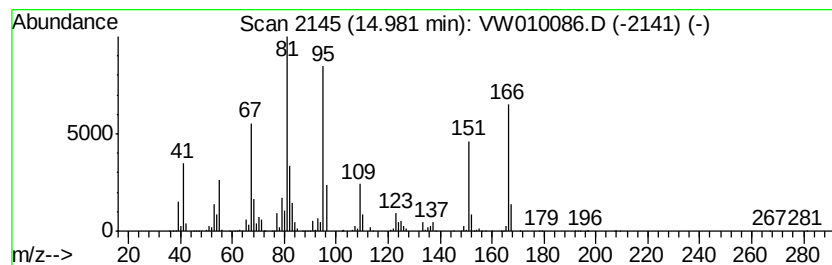
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Quant Title : VOC Analysis

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

Peak Number 33 Naphthalene, decahydro-2,6-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	92.54 ug/L	4713630	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	91
2		trans, cis-2-Ethylbicyclo[4.4.0]...	166	C12H22	066660-39-7	90
3		Naphthalene, decahydro-2,3-dimet...	166	C12H22	001008-80-6	89
4		cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	81
5		trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR6RE

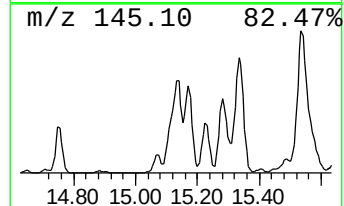
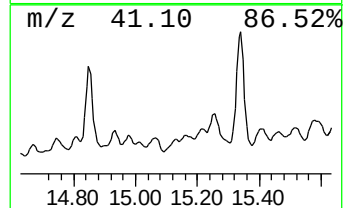
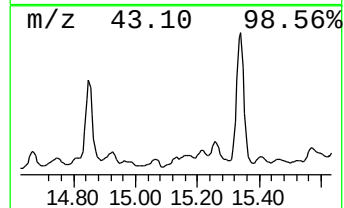
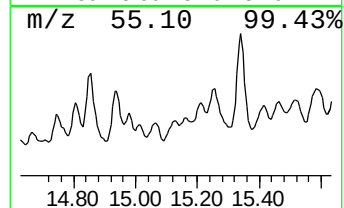
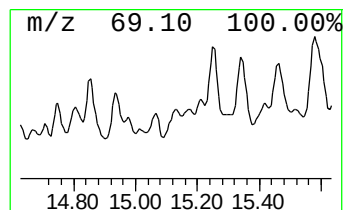
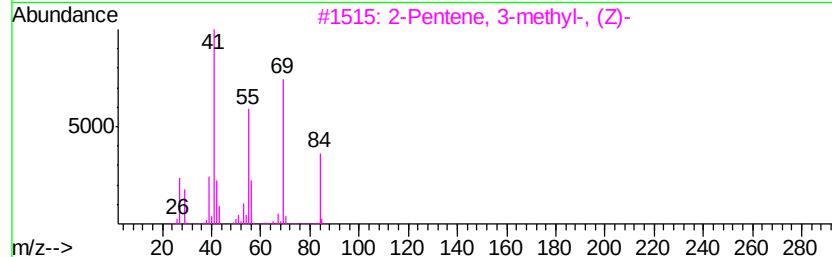
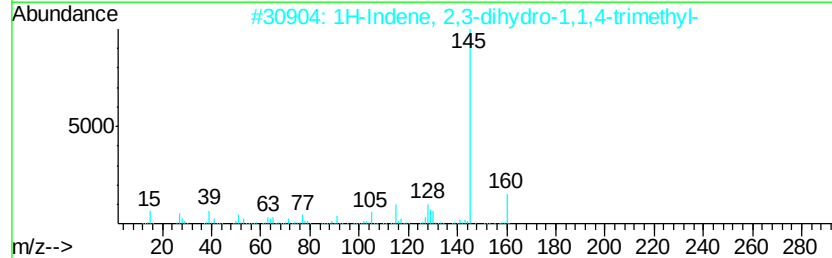
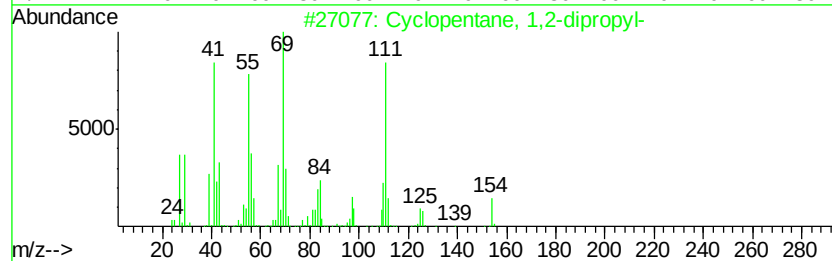
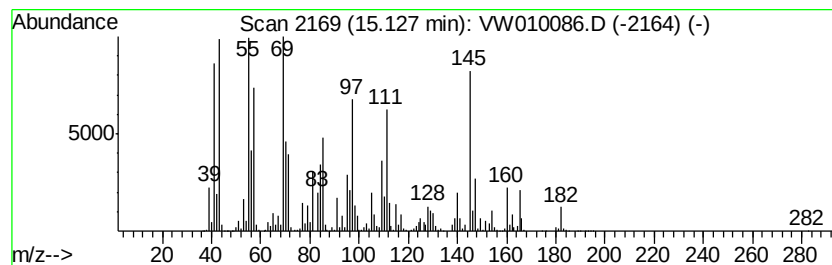
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Quant Title : VOC Analysis

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

Peak Number 34 (DEL) Alkane: Cyclic15.13 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	152.53 ug/L	7769220	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,2-dipropyl-	154	C11H22	091242-57-8	38
2		1H-Indene, 2,3-dihydro-1,1,4-tri...	160	C12H16	016204-72-1	25
3		2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	25
4		Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	25
5		1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR6RE

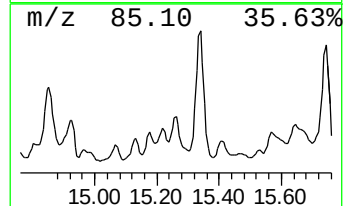
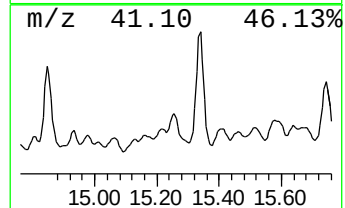
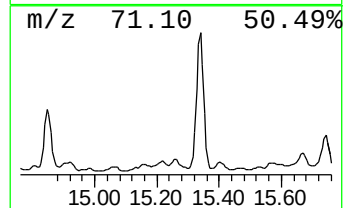
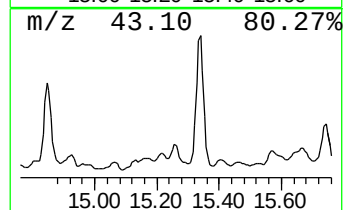
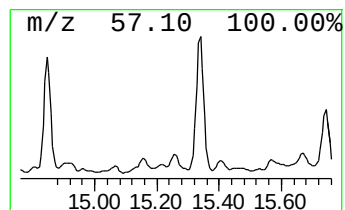
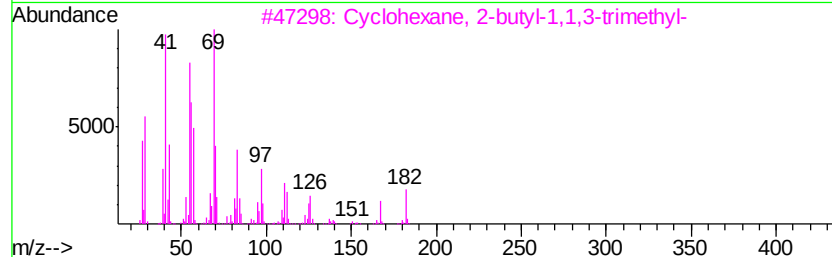
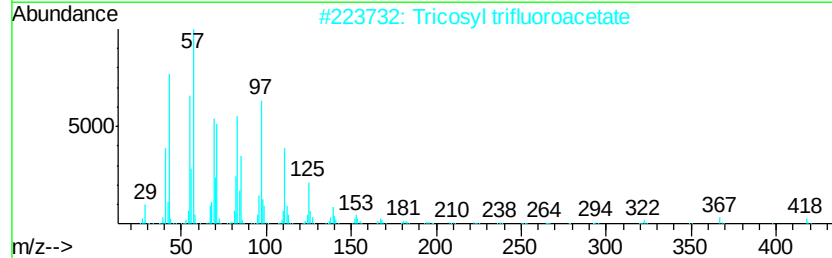
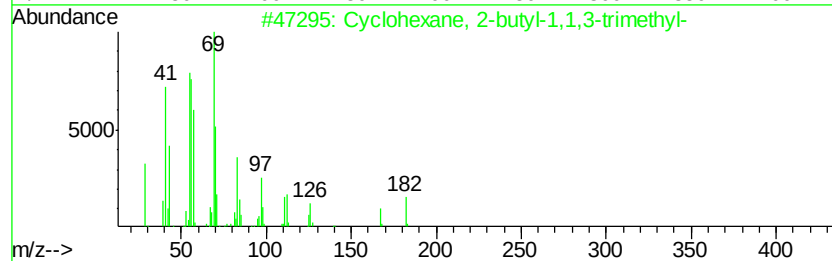
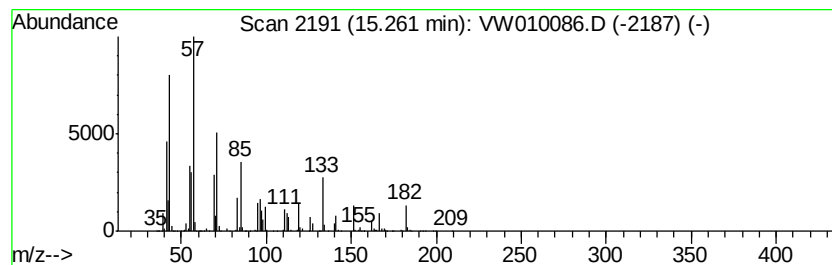
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Quant Title : VOC Analysis

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

Peak Number 35 (DEL) Alkane: Cyclic15.26 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	235.12 ug/L	11976100	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	84
2		Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	49
3		Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	48
4		Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	46
5		2-Undecene, 2,5-dimethyl-	182	C13H26	049622-16-4	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR6RE

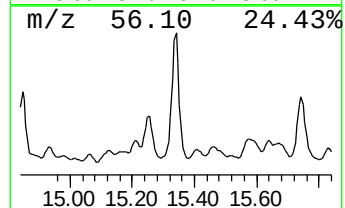
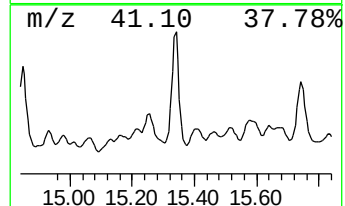
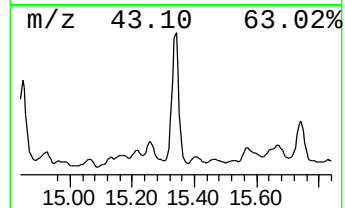
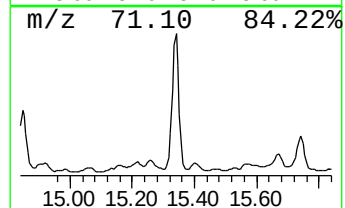
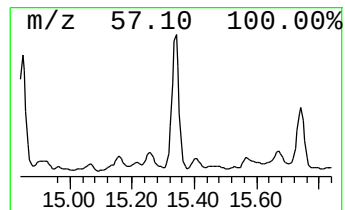
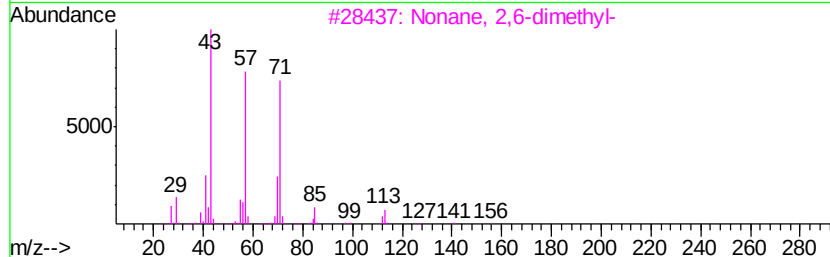
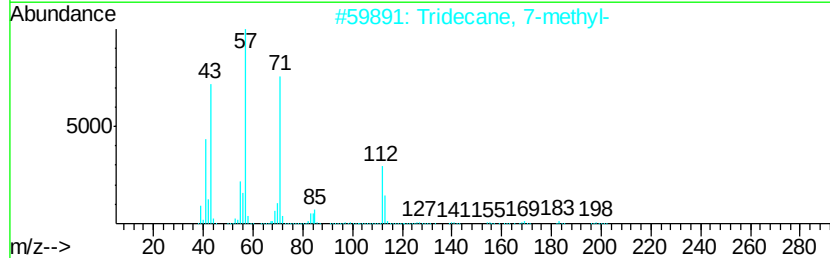
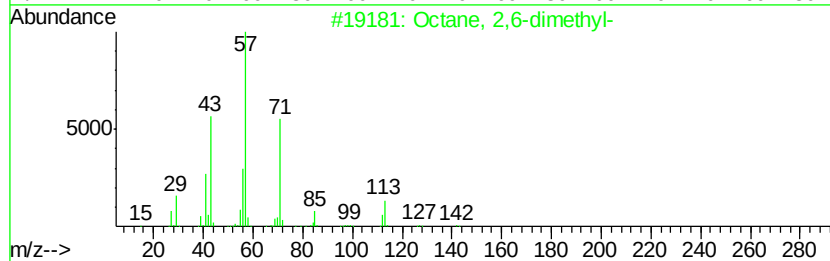
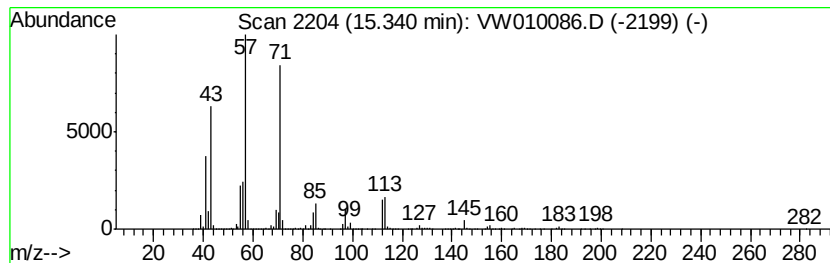
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Quant Title : VOC Analysis

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	869.07 ug/L	44267100	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2		Tridecane, 7-methyl-	198	C14H30	026730-14-3	68
3		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64
4		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64
5		Decane, 4-methyl-	156	C11H24	002847-72-5	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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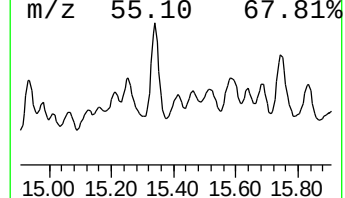
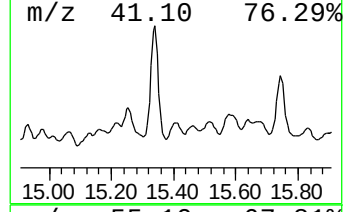
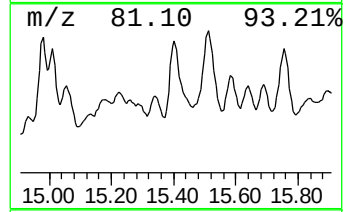
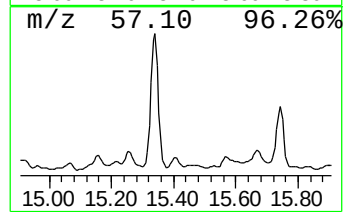
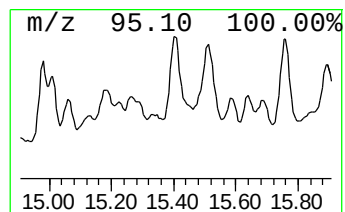
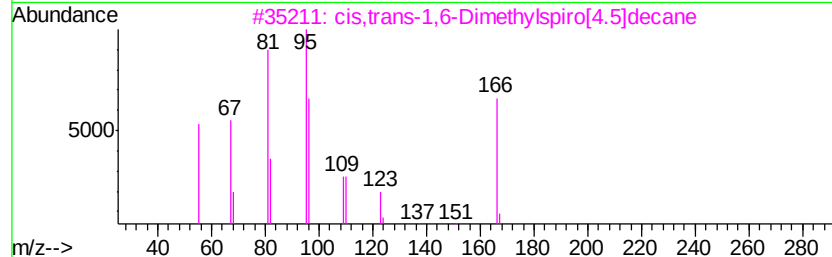
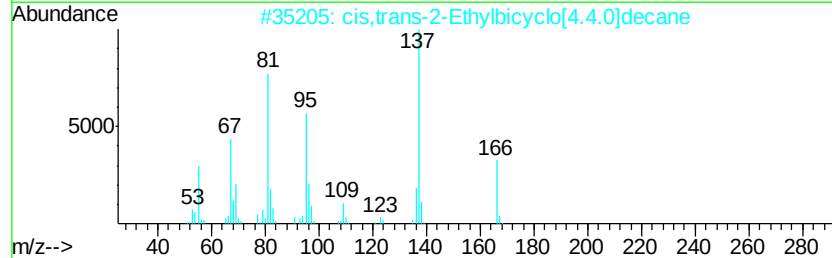
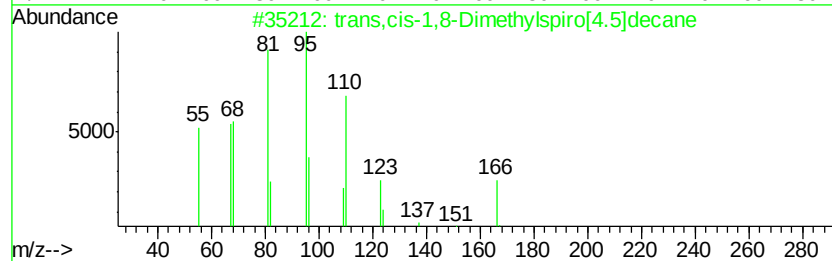
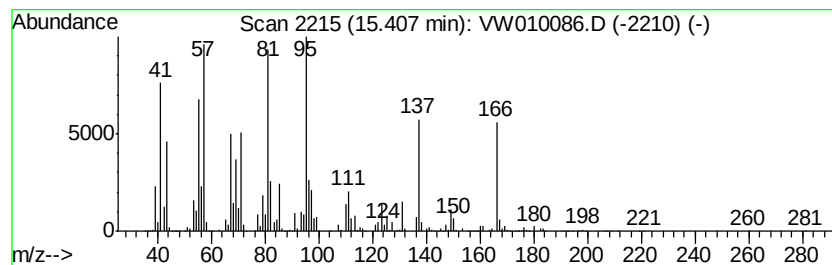
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 37 trans,cis-1,8-Dimethylspiro... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	209.09 ug/L	10650400	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans,cis-1,8-Dimethylspiro[4.5]...	166	C12H22	1000111-72-9	58
2		cis,trans-2-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-38-6	49
3		cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	49
4		4a(2H)-Naphthalenemethanol, octa...	168	C11H20O	099992-19-5	38
5		cis,cis- and cis,trans-1,9-dimet...	166	C12H22	1000111-72-5	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

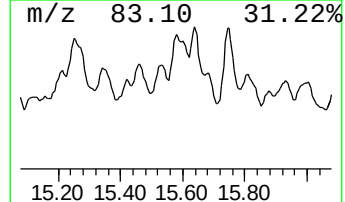
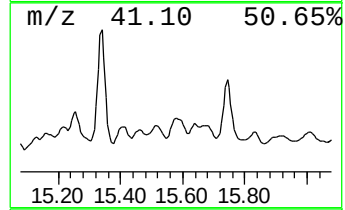
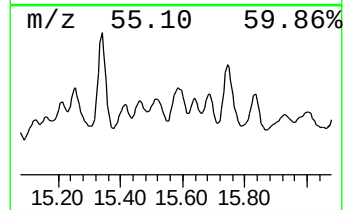
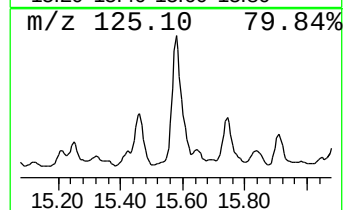
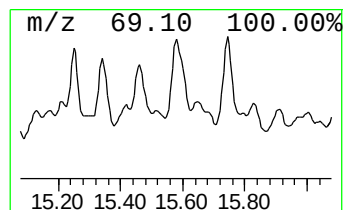
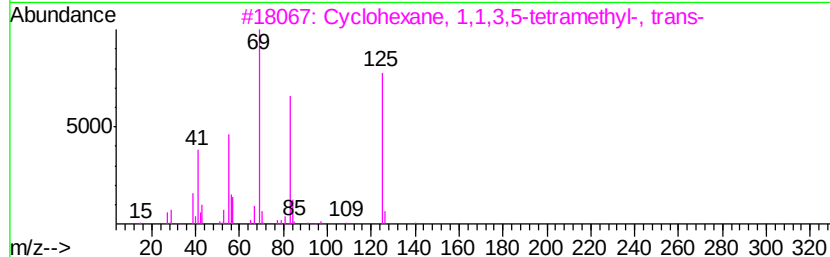
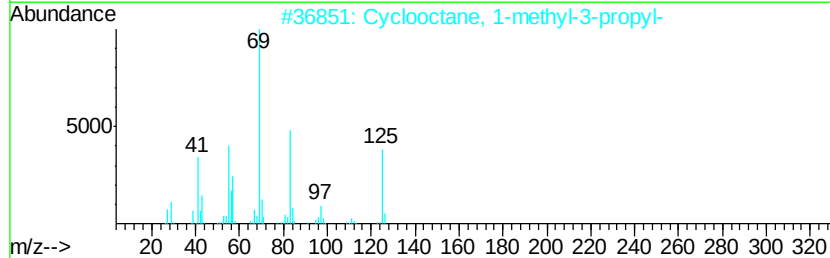
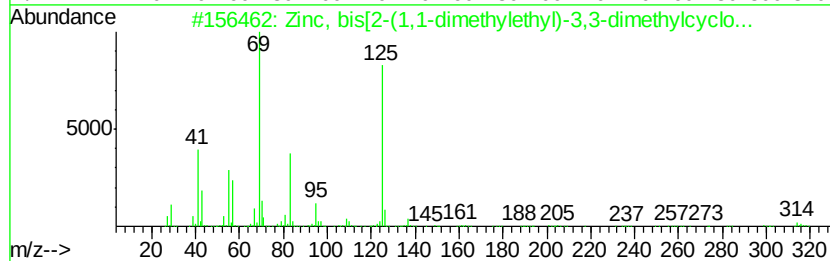
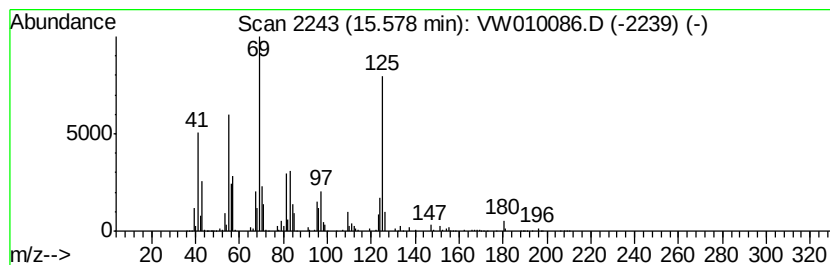
Instrument :
MSVOA_W
ClientSampleId :
GAHR6RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 38 Zinc, bis[2-(1,1-dimethylet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	213.17 ug/L	10858200	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Zinc, bis[2-(1,1-dimethylethyl)-...	314 C18H34Zn	074793-36-5 59
2		Cyclooctane, 1-methyl-3-propyl-	168 C12H24	255885-37-1 59
3		Cyclohexane, 1,1,3,5-tetramethyl...	140 C10H20	050876-31-8 53
4		Cyclopropane, 1,1-dimethyl-2-nonyl-	196 C14H28	041977-38-2 46
5		2,2-Dimethyl-3-heptene trans	126 C9H18	019550-75-5 35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

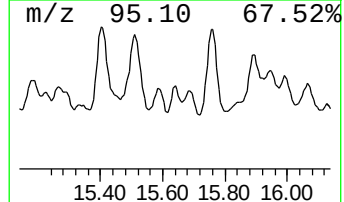
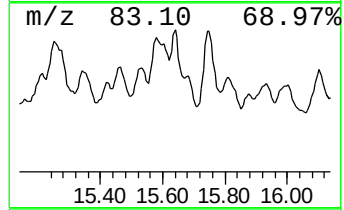
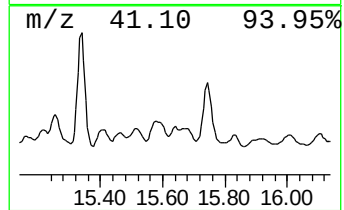
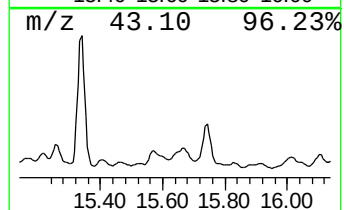
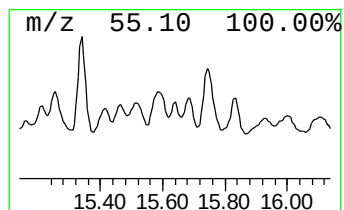
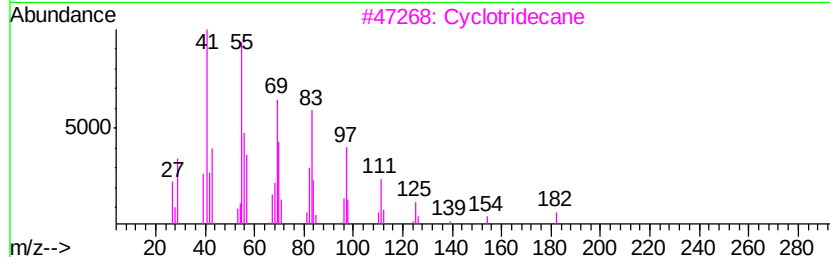
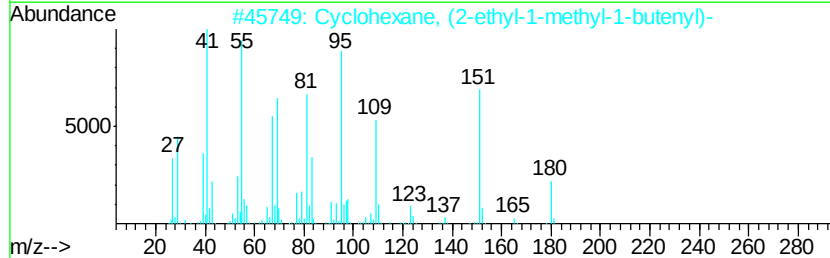
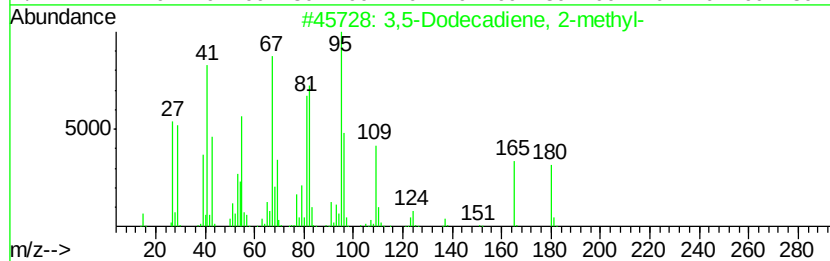
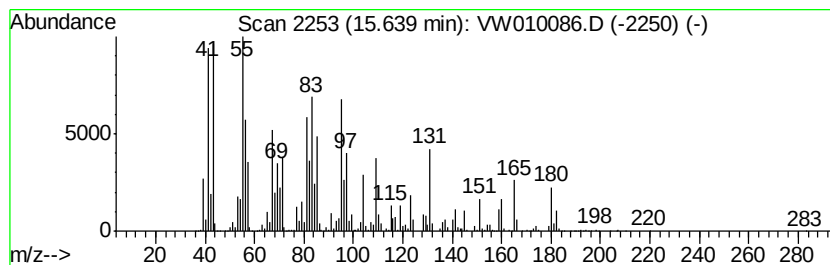
Instrument :
MSVOA_W
ClientSampleId :
GAHR6RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 39 3,5-Dodecadiene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	91.37 ug/L	4654090	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3,5-Dodecadiene, 2-methyl-	180 C13H24	055638-51-2	86
2	Cyclohexane, (2-ethyl-1-methyl-1...	180 C13H24	074810-42-7	35
3	Cyclotridecane	182 C13H26	000295-02-3	25
4	p-Menth-8(10)-en-9-ol, cis-	154 C10H18O	015714-13-3	25
5	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138 C10H18	000473-55-2	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR6RE

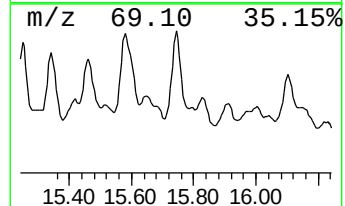
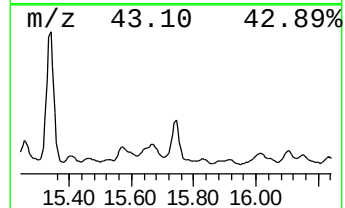
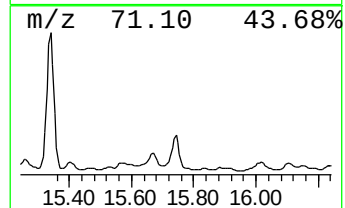
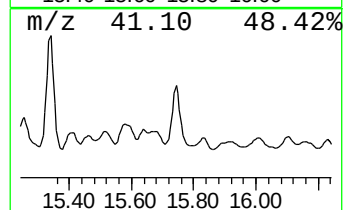
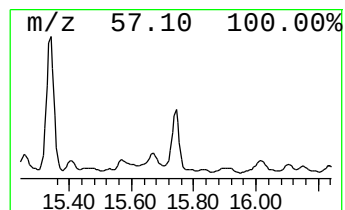
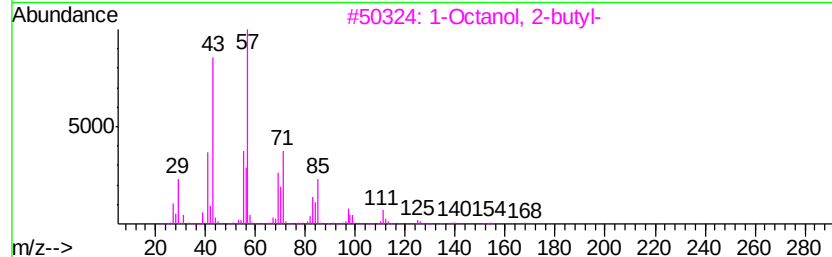
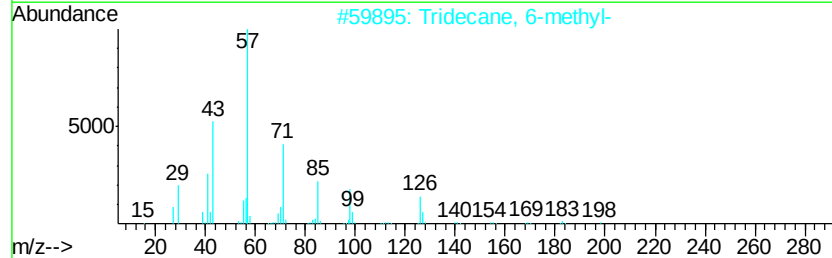
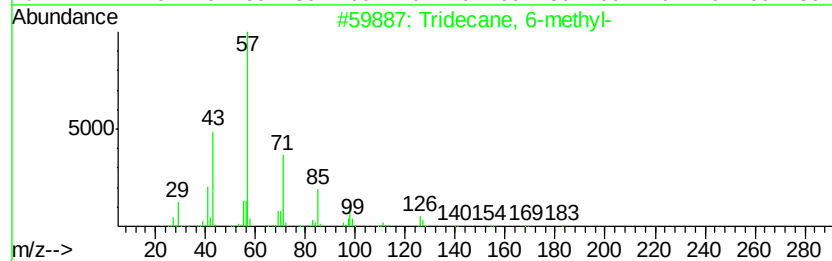
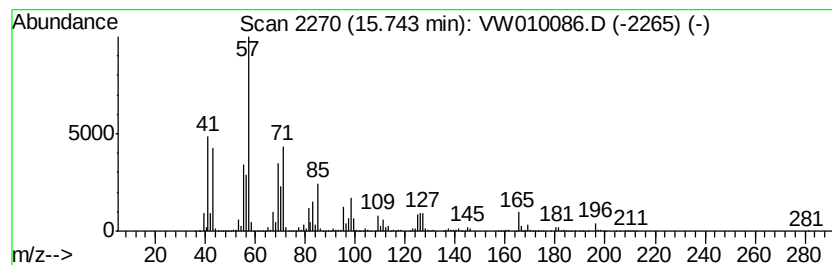
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	550.15 ug/L	28022700	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
3		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	53
4		Undecane, 5-ethyl-	184	C13H28	017453-94-0	47
5		Decane, 3-methyl-	156	C11H24	013151-34-3	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
Data File : VW010086.D
Acq On : 22 Apr 2019 17:31
Operator : SY/VA
Sample : K2455-16RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR6RE

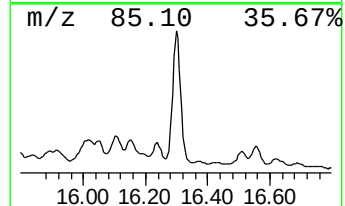
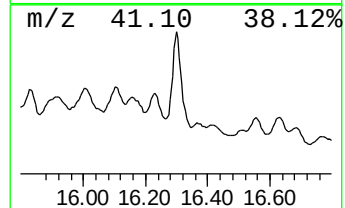
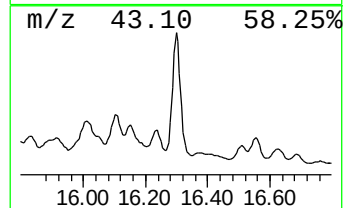
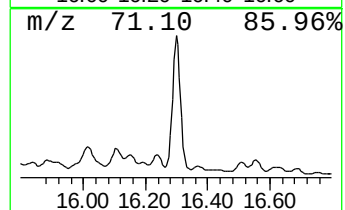
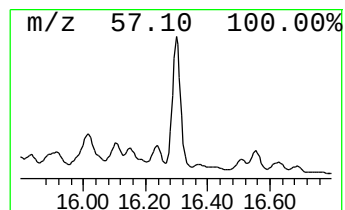
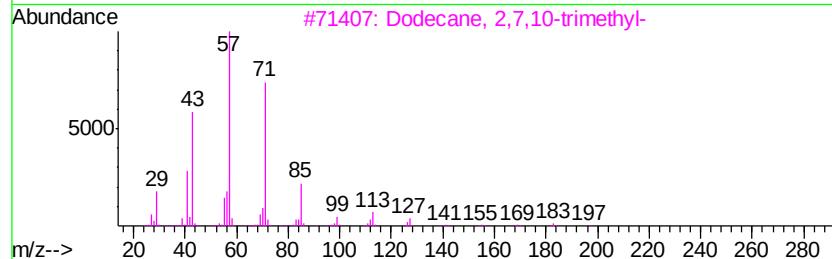
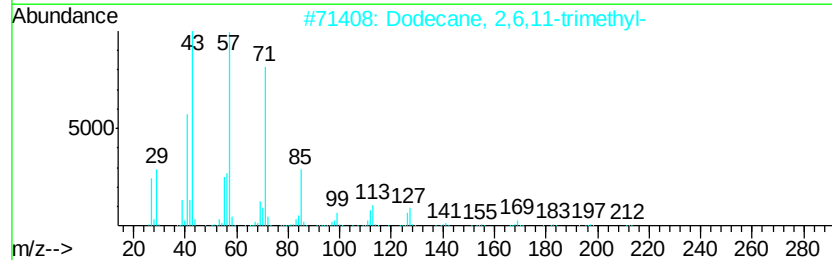
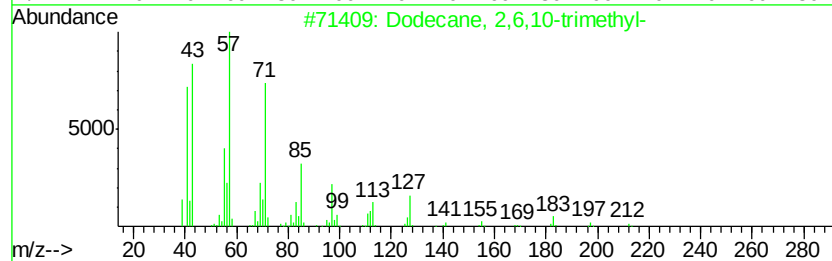
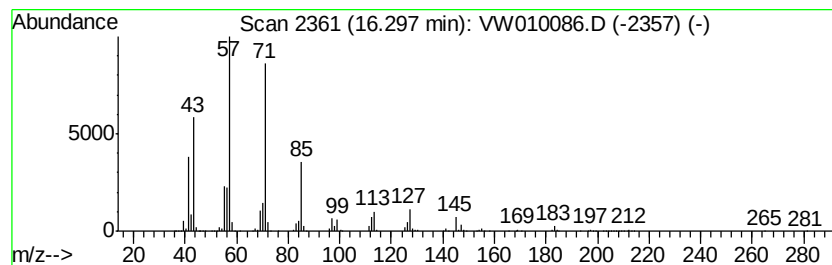
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	428.10 ug/L	21805600	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	87
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042219\
 Data File : VW010086.D
 Acq On : 22 Apr 2019 17:31
 Operator : SY/VA
 Sample : K2455-16RE
 Misc : 5.05G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHR6RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.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	1.9	ug/L	121001	1	8.84	1582790	25.0
(DEL) Alkane: Str...	5.93	1.4	ug/L	88818	1	8.84	1582790	25.0
Disulfide, dimethyl	10.13	3.0	ug/L	189588	1	8.84	1582790	25.0
(DEL) Alkane: Cyc...	12.78	1.4	ug/L	72258	3	13.56	1273400	25.0
Naphthalene, 2,6-...	12.87	9.8	ug/L	497065	3	13.56	1273400	25.0
(DEL) Alkane: Cyc...	12.97	19.0	ug/L	969669	3	13.56	1273400	25.0
(DEL) Alkane: Cyc...	13.08	10.8	ug/L	548790	3	13.56	1273400	25.0
Sulfurous acid, c...	13.13	2.6	ug/L	134569	3	13.56	1273400	25.0
2-Ethyl-1-dodecanol	13.19	27.1	ug/L	1382910	3	13.56	1273400	25.0
Bicyclo[3.1.1]hep...	13.27	12.4	ug/L	631296	3	13.56	1273400	25.0
(DEL) Alkane: Str...	13.30	19.5	ug/L	993941	3	13.56	1273400	25.0
Heptanedioic acid...	13.38	6.1	ug/L	310442	3	13.56	1273400	25.0
unknown-02	13.44	29.6	ug/L	1508080	3	13.56	1273400	25.0
(DEL) Alkane: Cyc...	13.63	28.4	ug/L	1444490	3	13.56	1273400	25.0
(DEL) Alkane: Cyc...	13.70	72.3	ug/L	3682450	3	13.56	1273400	25.0
unknown-03	13.74	9.8	ug/L	501554	3	13.56	1273400	25.0
(DEL) Alkane: Str...	13.93	27.0	ug/L	1373990	3	13.56	1273400	25.0
(DEL) Alkane: Cyc...	14.02	62.8	ug/L	3199750	3	13.56	1273400	25.0
(DEL) Alkane: Cyc...	14.07	18.6	ug/L	946527	3	13.56	1273400	25.0
Bicyclo[3.1.1]hep...	14.27	67.0	ug/L	3414850	3	13.56	1273400	25.0
endo-2-Methylbicy...	14.33	52.5	ug/L	2675610	3	13.56	1273400	25.0
trans-Decalin, 2-...	14.39	218.6	ug/L	11135700	3	13.56	1273400	25.0
(DEL) Alkane: Str...	14.44	45.8	ug/L	2331260	3	13.56	1273400	25.0
(DEL) Alkane: Str...	14.50	36.9	ug/L	1880550	3	13.56	1273400	25.0
Naphthalene, deca...	14.55	267.9	ug/L	13644300	3	13.56	1273400	25.0
unknown-04	14.61	53.0	ug/L	2700210	3	13.56	1273400	25.0
(DEL) Alkane: Str...	14.67	71.0	ug/L	3614100	3	13.56	1273400	25.0
(DEL) Alkane: Cyc...	14.75	98.4	ug/L	5014260	3	13.56	1273400	25.0
(DEL) Alkane: Cyc...	14.81	101.2	ug/L	5152850	3	13.56	1273400	25.0
(DEL) Alkane: Str...	14.85	575.7	ug/L	29325700	3	13.56	1273400	25.0
Sulfurous acid, c...	14.93	77.3	ug/L	3937410	3	13.56	1273400	25.0
Naphthalene, deca...	14.98	92.5	ug/L	4713630	3	13.56	1273400	25.0
(DEL) Alkane: Cyc...	15.13	152.5	ug/L	7769220	3	13.56	1273400	25.0
(DEL) Alkane: Cyc...	15.26	235.1	ug/L	11976100	3	13.56	1273400	25.0
(DEL) Alkane: Str...	15.34	869.1	ug/L	44267100	3	13.56	1273400	25.0
trans,cis-1,8-Dim...	15.41	209.1	ug/L	10650400	3	13.56	1273400	25.0
Zinc, bis[2-(1,1-...	15.58	213.2	ug/L	10858200	3	13.56	1273400	25.0
3,5-Dodecadiene, ...	15.64	91.4	ug/L	4654090	3	13.56	1273400	25.0
(DEL) Alkane: Str...	15.74	550.1	ug/L	28022700	3	13.56	1273400	25.0
(DEL) Alkane: Str...	16.30	428.1	ug/L	21805600	3	13.56	1273400	25.0