

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102418\
 Data File : VW006326.D
 Acq On : 24 Oct 2018 18:09
 Operator : SY/AP
 Sample : J5635-24
 Misc : 4.87G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40G0

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\SOM2WLM100918S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	38	41	42	rBV	905	924	0.02%	0.003%
2	2.197	42	48	53	rBV3	3432	9524	0.22%	0.034%
3	2.361	66	75	86	rVB	59642	132097	2.99%	0.470%
4	2.898	155	163	179	rVB	50164	145857	3.30%	0.519%
5	3.202	211	213	214	rBV2	1069	961	0.02%	0.003%
6	3.855	314	320	326	rVB4	1260	2585	0.06%	0.009%
7	4.013	334	346	360	rBV2	120370	343117	7.77%	1.221%
8	4.147	360	368	383	rVB2	11129	36877	0.83%	0.131%
9	4.379	396	406	412	rBV2	1851	5274	0.12%	0.019%
10	4.909	483	493	507	rVV3	12047	38635	0.87%	0.137%
11	5.934	655	661	670	rBV6	1796	5123	0.12%	0.018%
12	7.092	841	851	858	rBV	31085	90420	2.05%	0.322%
13	7.653	933	943	953	rBV	175644	423354	9.58%	1.506%
14	8.195	1029	1032	1034	rVV4	733	1142	0.03%	0.004%
15	8.281	1034	1046	1065	rVB2	342478	1004731	22.74%	3.575%
16	8.592	1087	1097	1099	rBV4	1557	3419	0.08%	0.012%
17	8.628	1099	1103	1109	rVV6	3037	8554	0.19%	0.030%
18	8.695	1111	1114	1121	rVV5	3153	7512	0.17%	0.027%
19	8.775	1124	1127	1130	rVB4	900	1161	0.03%	0.004%
20	8.848	1130	1139	1149	rBV	390805	769524	17.42%	2.738%
21	9.073	1166	1176	1182	rBV4	4235	9832	0.22%	0.035%
22	9.134	1185	1186	1191	rVB3	610	806	0.02%	0.003%
23	9.281	1201	1210	1220	rBV	225365	466919	10.57%	1.661%
24	9.494	1243	1245	1246	rBV2	770	743	0.02%	0.003%
25	9.659	1269	1272	1273	rBV3	903	924	0.02%	0.003%
26	9.726	1277	1283	1284	rBV4	2019	3085	0.07%	0.011%
27	9.793	1289	1294	1297	rVV4	2192	4152	0.09%	0.015%
28	10.037	1317	1334	1342	rBV	119556	231507	5.24%	0.824%
29	10.329	1374	1382	1389	rBV	477942	836936	18.94%	2.978%
30	10.390	1389	1392	1399	rVB4	7211	14256	0.32%	0.051%
31	10.482	1405	1407	1409	rBV3	1271	1705	0.04%	0.006%
32	10.512	1409	1412	1417	rVB7	4650	7484	0.17%	0.027%
33	10.579	1417	1423	1431	rVB	75342	128510	2.91%	0.457%
34	10.707	1439	1444	1450	rBV2	5395	9124	0.21%	0.032%

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Integration Parameters: LSCINT.P

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 Title : VOC Analysis

35	10.793	1453	1458	1461	rBV7	1619	3349	0.08%	0.012%
36	10.933	1474	1481	1491	rBV	128991	220636	4.99%	0.785%
37	11.067	1500	1503	1508	rVB6	1692	2711	0.06%	0.010%
38	11.177	1518	1521	1525	rBV4	1898	2731	0.06%	0.010%
39	11.238	1527	1531	1535	rVB4	1950	3079	0.07%	0.011%
40	11.292	1535	1540	1541	rBV4	1020	1131	0.03%	0.004%
41	11.341	1544	1548	1551	rBV5	2018	3479	0.08%	0.012%
42	11.427	1551	1562	1563	rBV4	8887	21659	0.49%	0.077%
43	11.634	1589	1596	1603	rBV	488737	812671	18.39%	2.891%
44	11.847	1624	1631	1634	rBV3	9449	15352	0.35%	0.055%
45	11.975	1648	1652	1654	rBV4	607	800	0.02%	0.003%
46	12.073	1663	1668	1672	rVB7	1308	2301	0.05%	0.008%
47	12.146	1672	1680	1682	rBV6	3650	6735	0.15%	0.024%
48	12.256	1692	1698	1703	rVB3	4872	8848	0.20%	0.031%
49	12.305	1703	1706	1707	rBV3	1141	1061	0.02%	0.004%
50	12.347	1707	1713	1714	rBV4	2670	4031	0.09%	0.014%
51	12.372	1714	1717	1723	rVB6	3930	7211	0.16%	0.026%
52	12.475	1728	1734	1740	rBV3	21476	40264	0.91%	0.143%
53	12.548	1743	1746	1747	rVV2	2425	2194	0.05%	0.008%
54	12.603	1747	1755	1762	rVV2	26881	64639	1.46%	0.230%
55	12.701	1762	1771	1777	rVV	172071	298154	6.75%	1.061%
56	12.762	1777	1781	1791	rVB5	16183	48262	1.09%	0.172%
57	12.896	1791	1803	1806	rBV2	19182	38598	0.87%	0.137%
58	12.939	1806	1810	1821	rVB4	30187	79461	1.80%	0.283%
59	13.085	1831	1834	1837	rBV3	9173	14478	0.33%	0.052%
60	13.201	1839	1853	1866	rVV	124771	291485	6.60%	1.037%
61	13.310	1866	1871	1875	rVB	46482	70812	1.60%	0.252%
62	13.414	1879	1888	1894	rBV	301610	529967	12.00%	1.886%
63	13.524	1903	1906	1908	rBV2	24080	28452	0.64%	0.101%
64	13.566	1908	1913	1917	rVV2	325111	629046	14.24%	2.238%
65	13.615	1917	1921	1930	rVB	381737	820930	18.58%	2.921%
66	13.719	1930	1938	1940	rBV2	17392	35849	0.81%	0.128%
67	13.774	1940	1947	1955	rBV2	154359	319288	7.23%	1.136%
68	13.859	1955	1961	1968	rBV2	227703	490008	11.09%	1.743%
69	13.957	1972	1977	1982	rVB4	49583	101631	2.30%	0.362%
70	14.048	1988	1992	1993	rBV	15447	19888	0.45%	0.071%
71	14.085	1993	1998	2000	rVV2	71022	124630	2.82%	0.443%

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72	14.121	2000	2004	2013	rVB2	107077	241948	5.48%	0.861%
73	14.261	2013	2027	2041	rBV6	235851	960865	21.75%	3.419%
74	14.432	2052	2055	2059	rVV4	18568	24459	0.55%	0.087%
75	14.511	2063	2068	2078	rVB2	220821	467464	10.58%	1.663%
76	14.658	2086	2092	2096	rBV2	58917	108203	2.45%	0.385%
77	14.731	2100	2104	2109	rBV	114811	157887	3.57%	0.562%
78	14.914	2119	2134	2145	rBV	959590	2726568	61.71%	9.701%
79	15.078	2157	2161	2162	rBV4	5440	6409	0.15%	0.023%
80	15.139	2162	2171	2188	rVV	2553756	4418219	100.00%	15.719%
81	15.261	2188	2191	2200	rVV10	8913	19486	0.44%	0.069%
82	15.341	2200	2204	2211	rVB2	17455	38315	0.87%	0.136%
83	15.420	2212	2217	2222	rBV2	20347	33468	0.76%	0.119%
84	15.511	2227	2232	2234	rBV3	8083	14946	0.34%	0.053%
85	15.566	2234	2241	2248	rVB	450937	815196	18.45%	2.900%
86	15.645	2248	2254	2258	rVB5	13488	27214	0.62%	0.097%
87	15.725	2258	2267	2273	rBV2	42485	106580	2.41%	0.379%
88	15.865	2279	2290	2293	rBV2	60261	129583	2.93%	0.461%
89	15.901	2293	2296	2303	rVB2	46975	93199	2.11%	0.332%
90	16.011	2303	2314	2318	rBV2	65206	198863	4.50%	0.708%
91	16.048	2318	2320	2326	rVB2	42724	63610	1.44%	0.226%
92	16.109	2326	2330	2333	rVB4	11032	15918	0.36%	0.057%
93	16.188	2334	2343	2346	rBV	827114	1520170	34.41%	5.408%
94	16.231	2346	2350	2358	rVB	1477168	2574639	58.27%	9.160%
95	16.365	2369	2372	2374	rBV4	2041	2945	0.07%	0.010%
96	16.426	2374	2382	2389	rVV	1240948	2292872	51.90%	8.158%
97	16.511	2389	2396	2403	rVB	524086	994930	22.52%	3.540%
98	16.566	2403	2405	2407	rBV3	1589	1105	0.03%	0.004%
99	16.615	2407	2413	2420	rVB	49494	95661	2.17%	0.340%
100	16.755	2422	2436	2438	rBV6	13269	43851	0.99%	0.156%

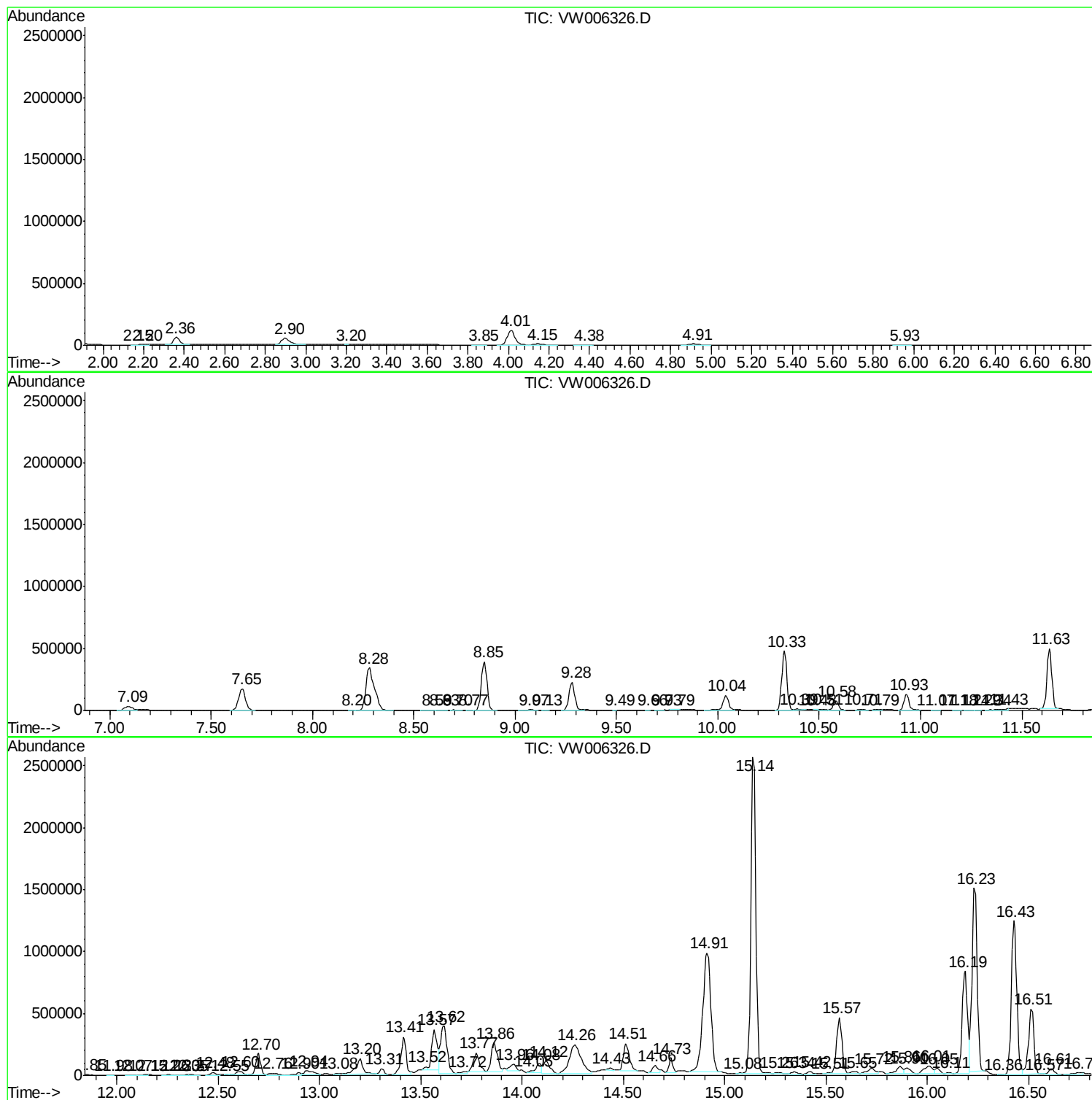
Sum of corrected areas: 28107168

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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



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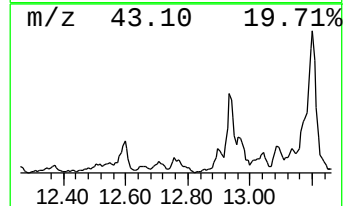
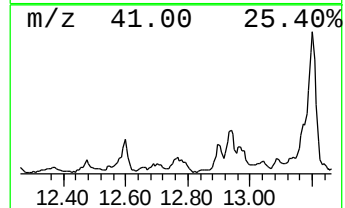
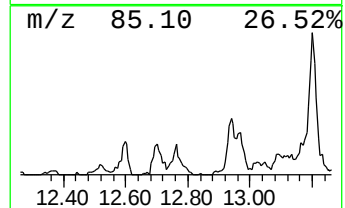
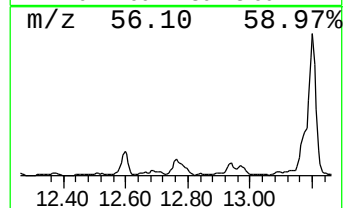
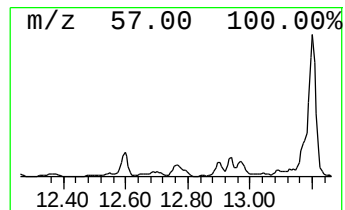
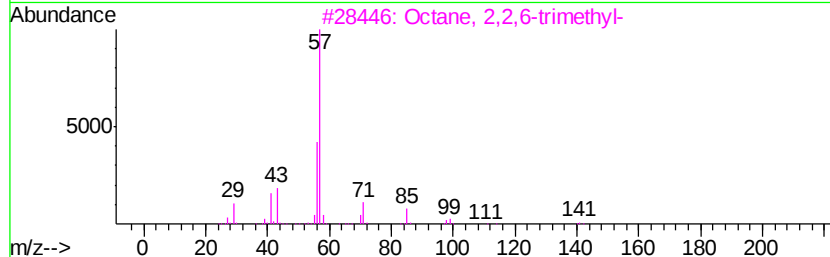
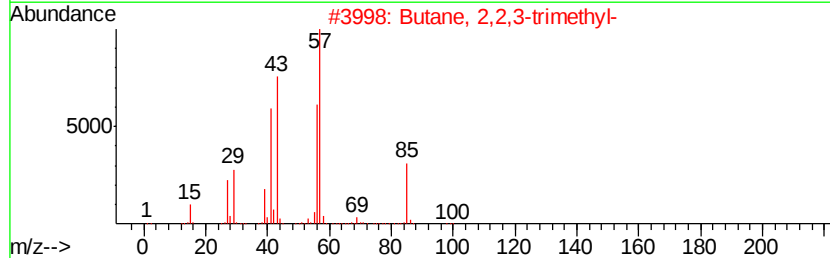
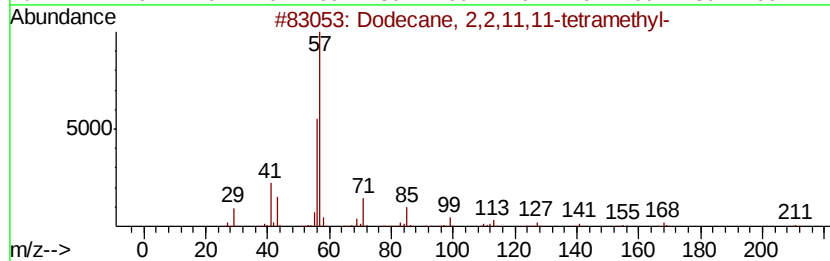
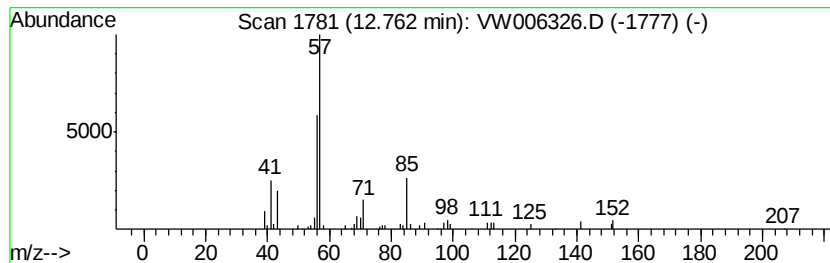
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	1.92 ug/L	48262	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	53
2			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	50
3			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	40
4			Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	38
5			Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	38



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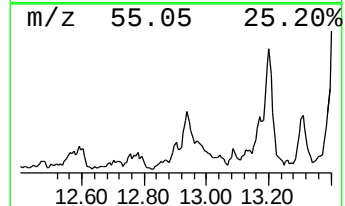
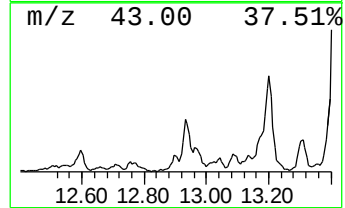
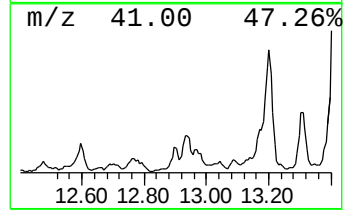
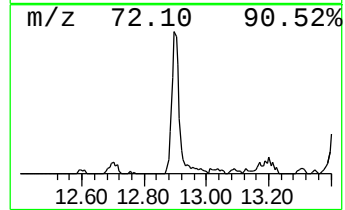
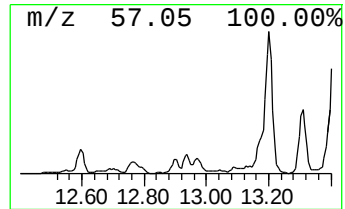
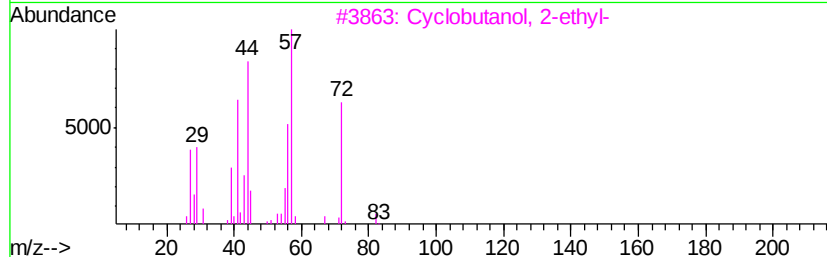
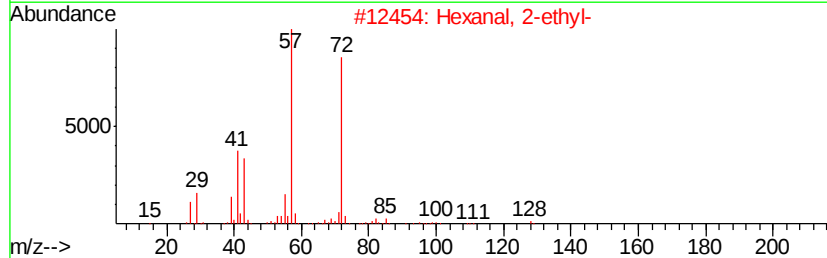
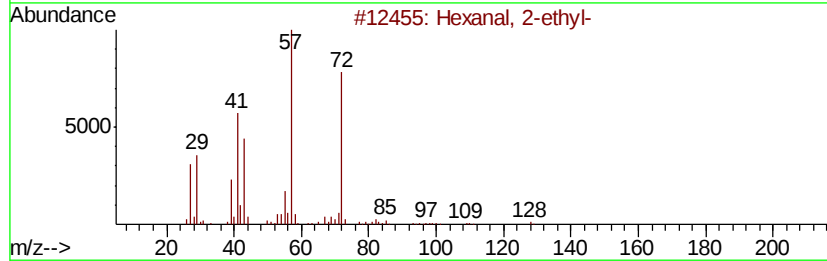
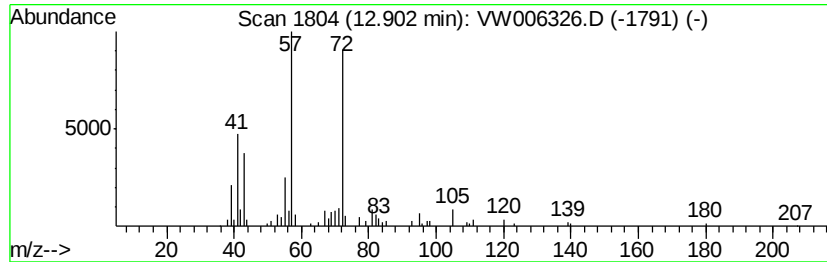
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Quant Title : VOC Analysis

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

Peak Number 4 Hexanal, 2-ethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	1.53 ug/L	38598	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexanal, 2-ethyl-	128 C8H16O	000123-05-7	81
2	Hexanal, 2-ethyl-	128 C8H16O	000123-05-7	72
3	Cyclobutanol, 2-ethyl-	100 C6H12O	035301-43-0	59
4	Pentane, 1-(1-butenyloxy)-, (E)-	142 C9H18O	054004-25-0	53
5	Hexanal, 2-ethyl-	128 C8H16O	000123-05-7	45



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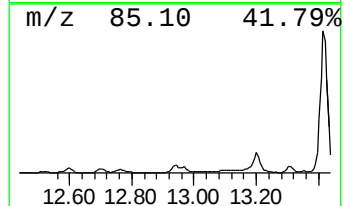
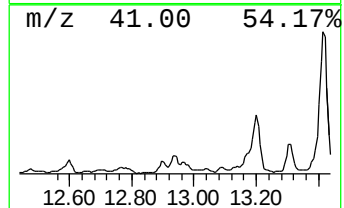
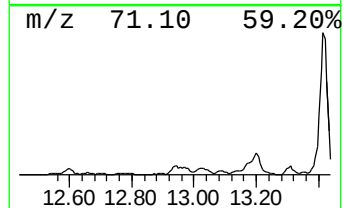
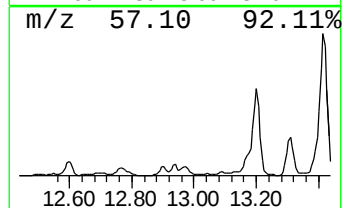
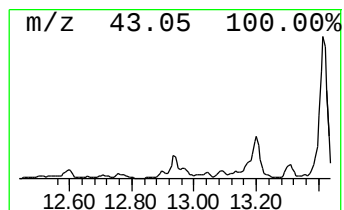
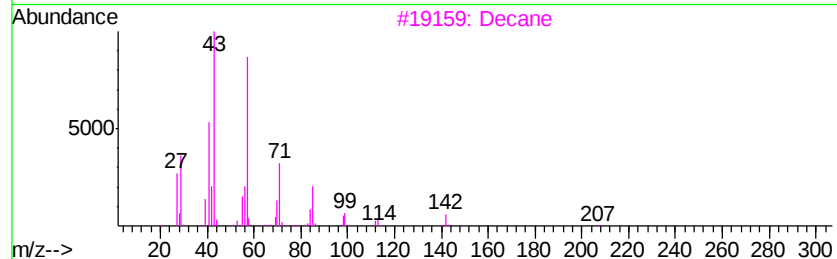
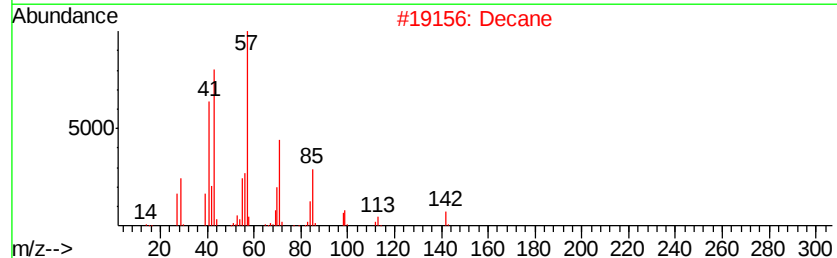
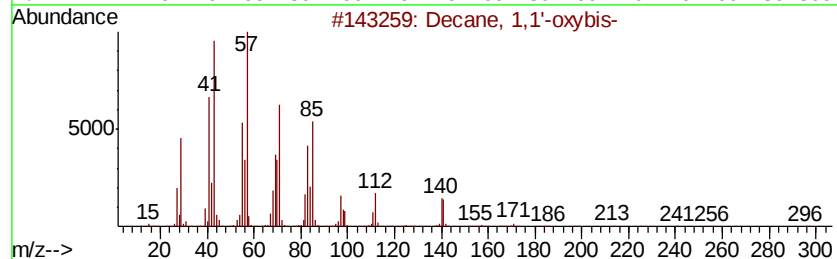
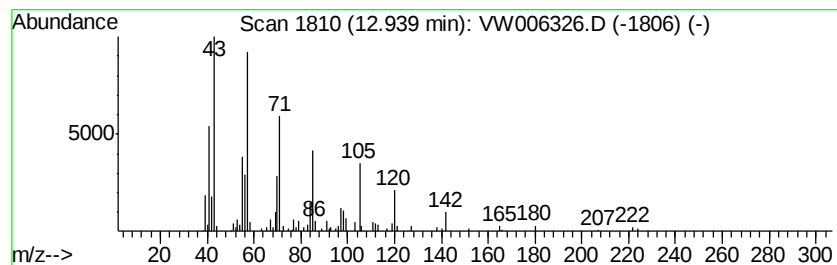
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Quant Title : VOC Analysis

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

Peak Number 5 Decane, 1,1'-oxybis- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	3.16 ug/L	79461	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	64
2		Decane	142	C10H22	000124-18-5	64
3		Decane	142	C10H22	000124-18-5	62
4		Decane	142	C10H22	000124-18-5	58
5		Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006326.D
Acq On : 24 Oct 2018 18:09
Operator : SY/AP
Sample : J5635-24
Misc : 4.87G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40G0

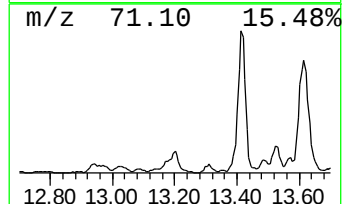
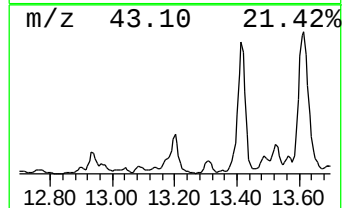
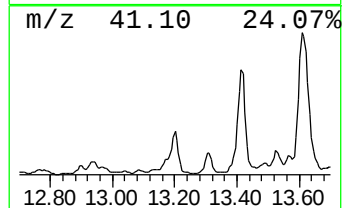
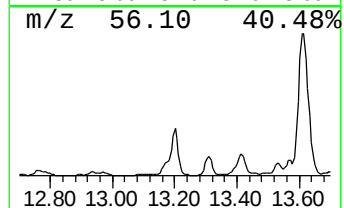
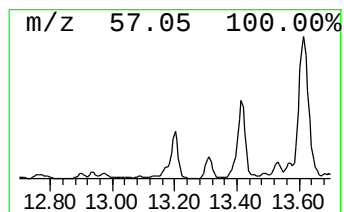
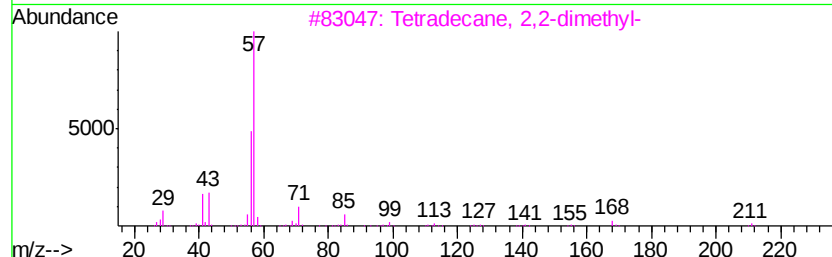
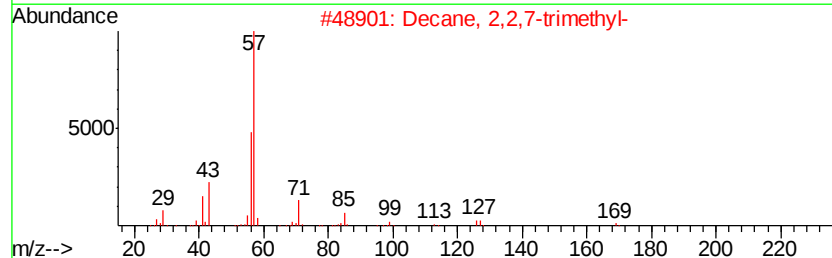
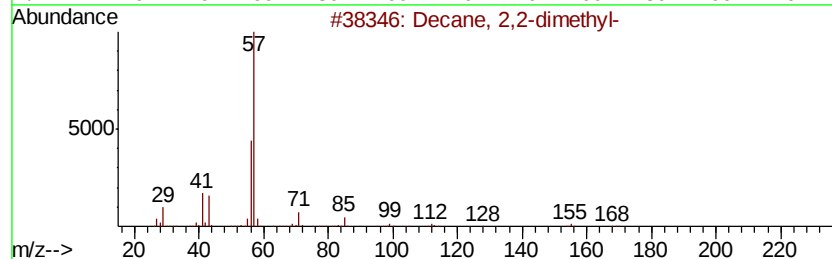
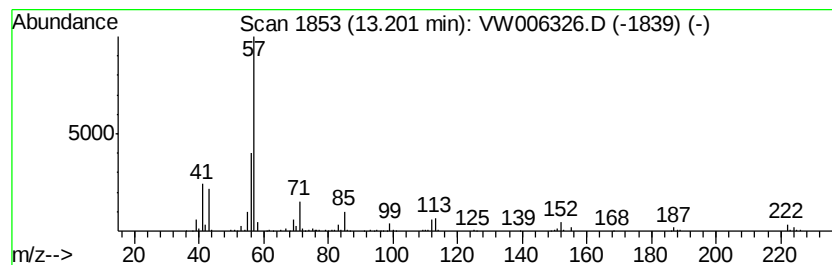
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	11.58 ug/L	291485	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	72
2		Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	64
3		Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	64
4		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	59
5		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006326.D
Acq On : 24 Oct 2018 18:09
Operator : SY/AP
Sample : J5635-24
Misc : 4.87G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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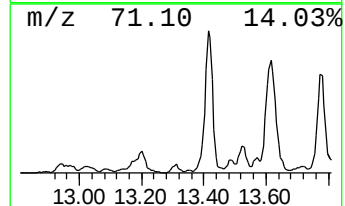
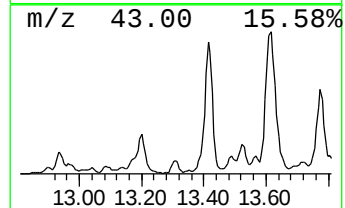
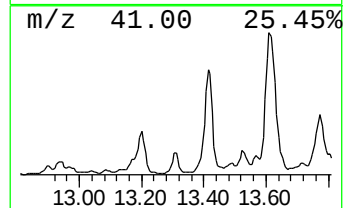
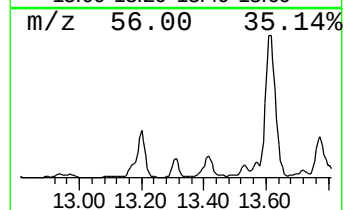
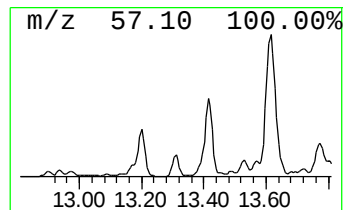
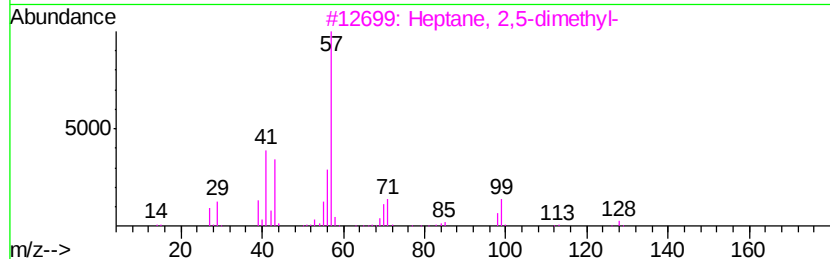
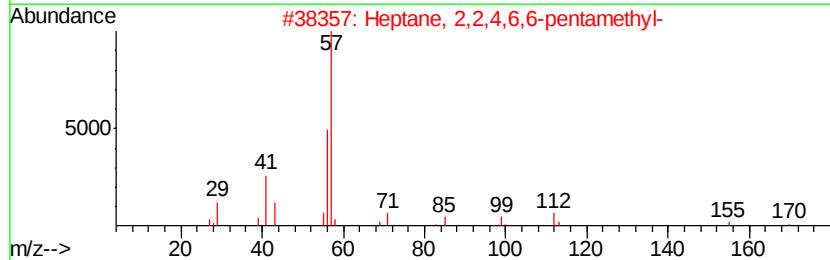
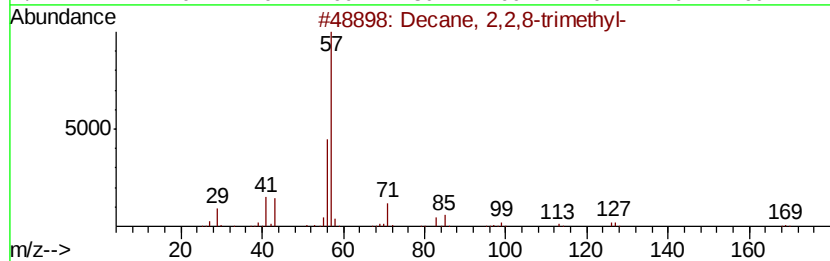
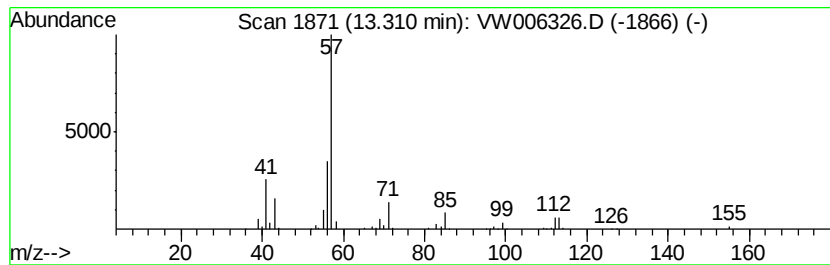
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	2.81 ug/L	70812	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	64
2		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	59
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
5		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006326.D
Acq On : 24 Oct 2018 18:09
Operator : SY/AP
Sample : J5635-24
Misc : 4.87G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40G0

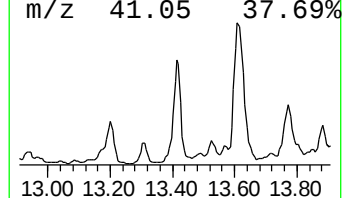
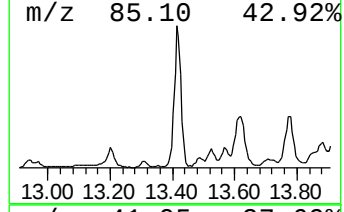
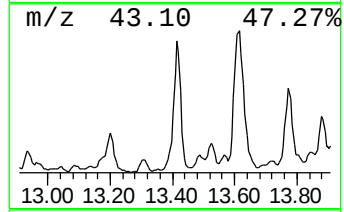
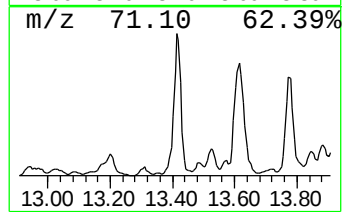
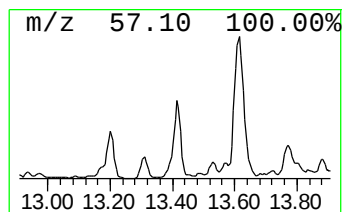
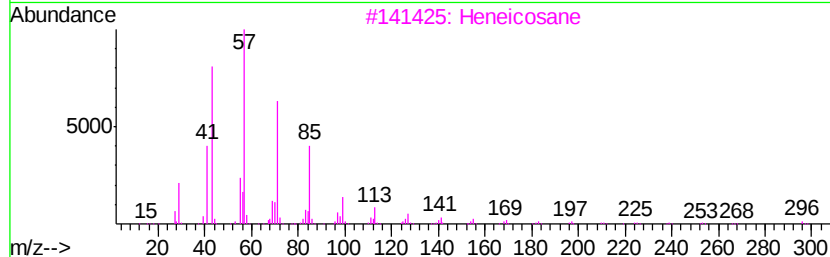
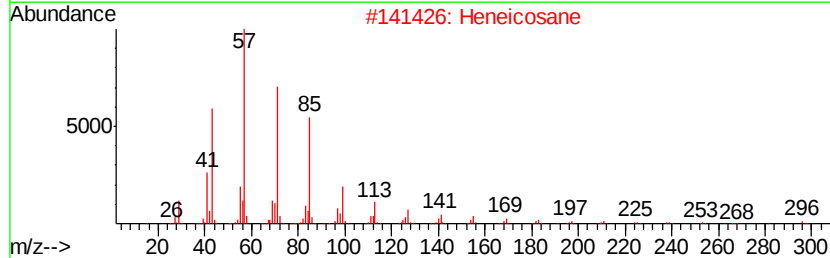
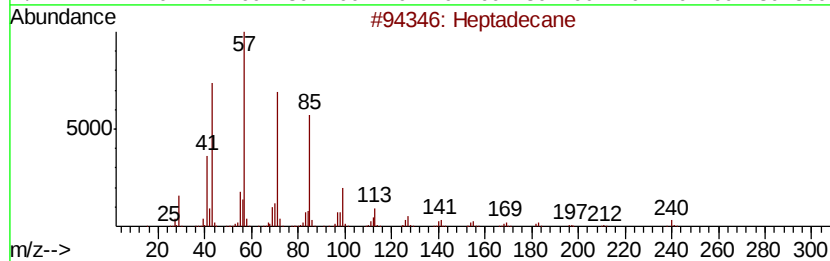
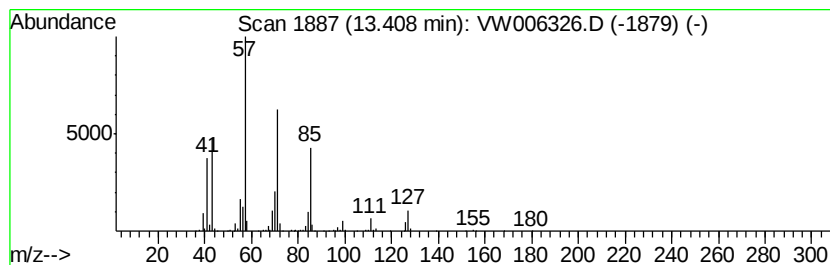
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	21.06 ug/L	529967	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	72
2		Heneicosane	296	C21H44	000629-94-7	72
3		Heneicosane	296	C21H44	000629-94-7	59
4		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
5		Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006326.D
Acq On : 24 Oct 2018 18:09
Operator : SY/AP
Sample : J5635-24
Misc : 4.87G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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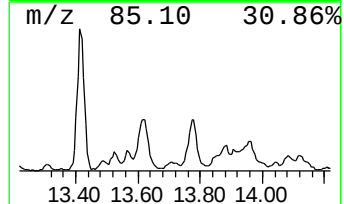
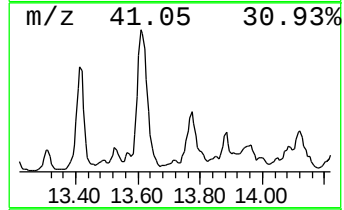
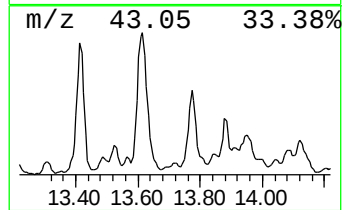
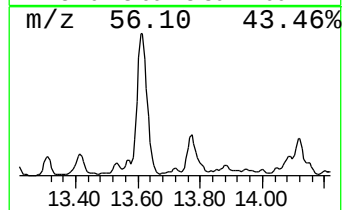
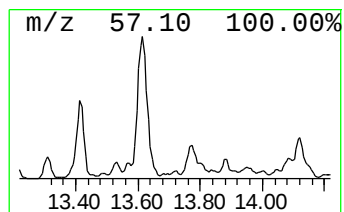
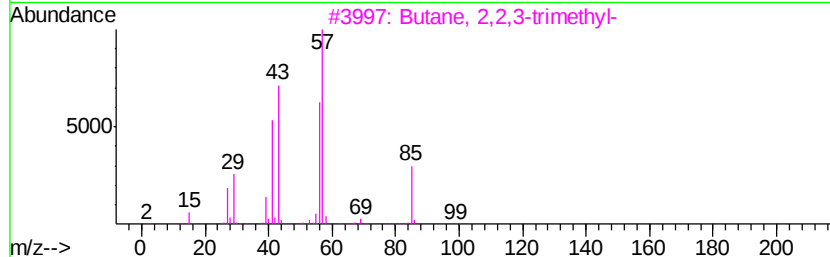
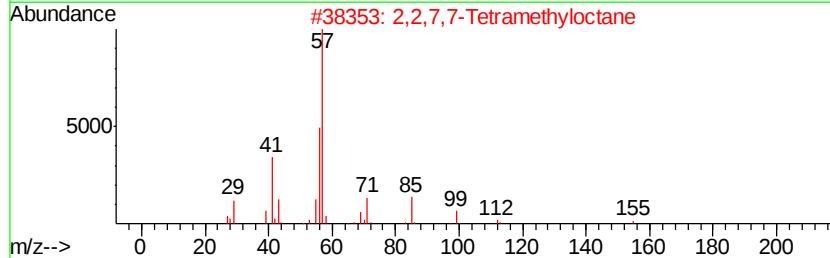
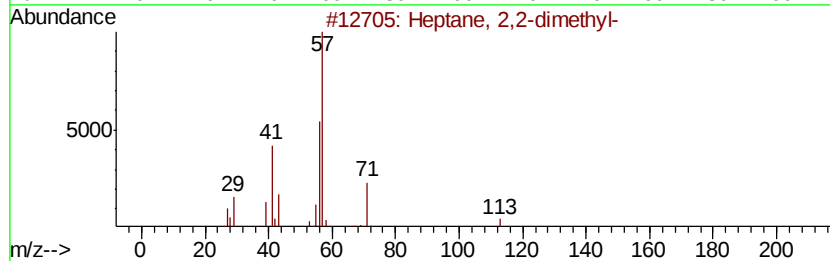
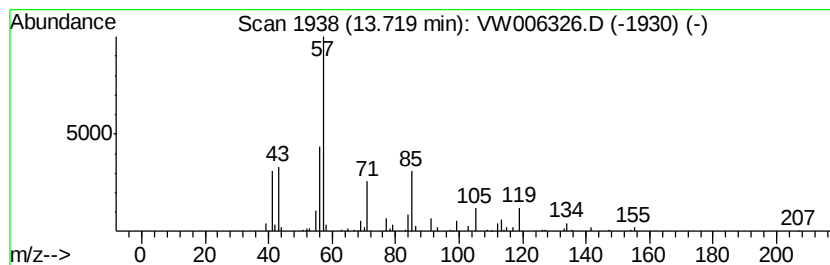
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	1.42 ug/L	35849	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	47
2		2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	47
3		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	43
4		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	43
5		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006326.D
Acq On : 24 Oct 2018 18:09
Operator : SY/AP
Sample : J5635-24
Misc : 4.87G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A40G0

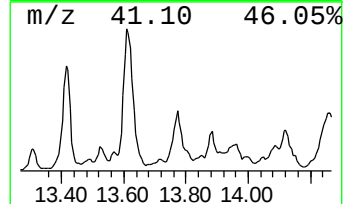
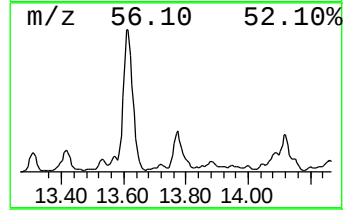
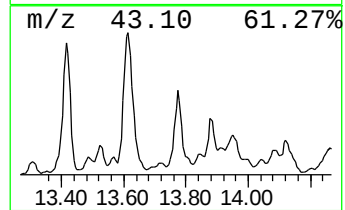
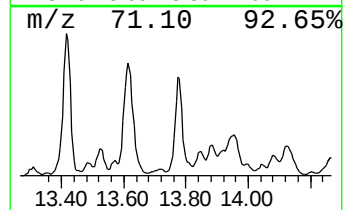
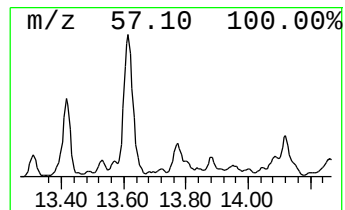
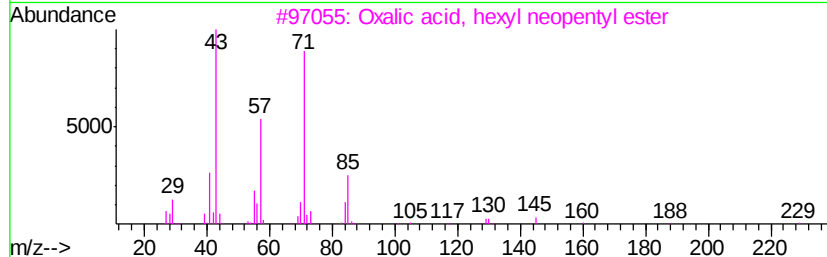
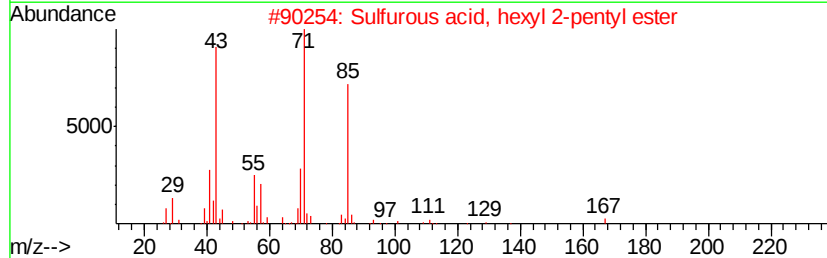
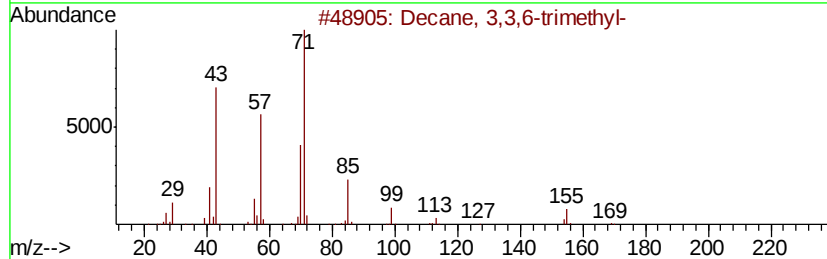
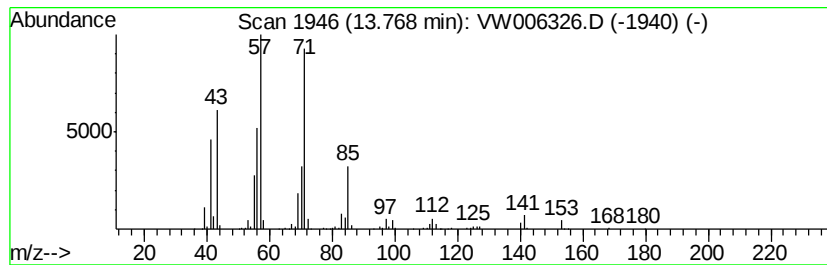
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	12.69 ug/L	319288	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,3,6-trimethyl-	184	C13H28	062338-14-1	50
2		Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	50
3		Oxalic acid, hexyl neopentyl ester	244	C13H24O4	1000309-73-1	47
4		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	47
5		4-Methyl-3-heptanol, pentafluoro...	276	C11H17F5O2	1000365-51-7	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006326.D
Acq On : 24 Oct 2018 18:09
Operator : SY/AP
Sample : J5635-24
Misc : 4.87G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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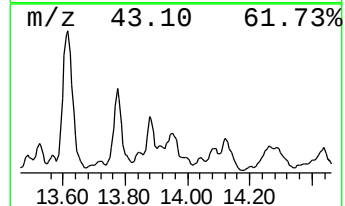
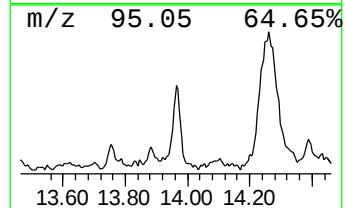
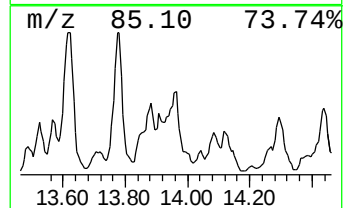
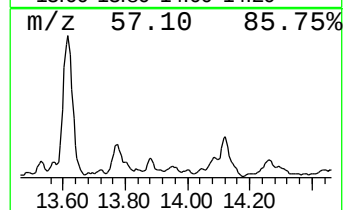
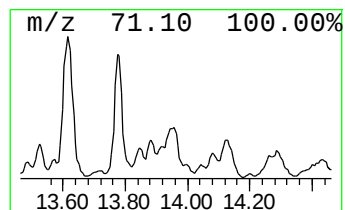
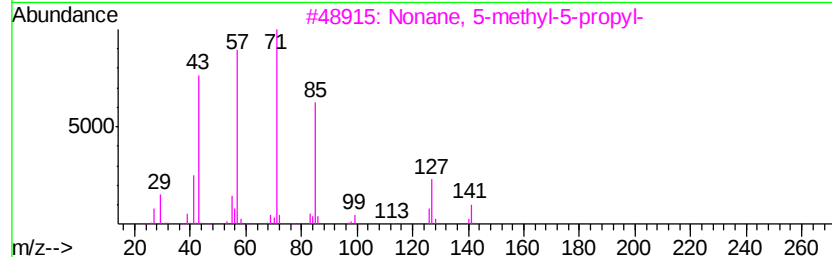
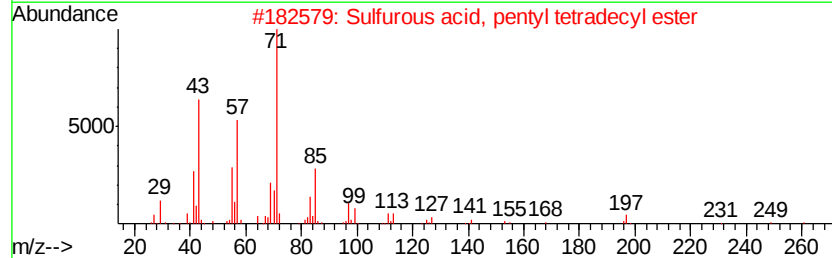
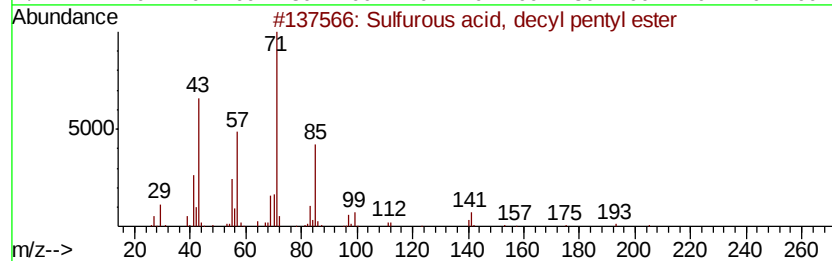
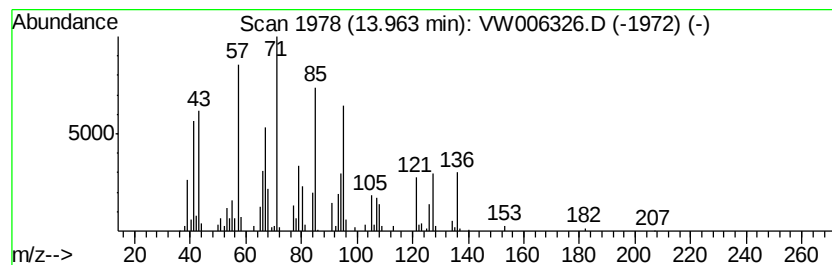
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Quant Title : VOC Analysis

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

Peak Number 11 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	4.04 ug/L	101631	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	37
2		Sulfurous acid, pentyl tetradecyl...	348	C19H40O3S	1000309-14-7	25
3		Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	25
4		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	25
5		Sulfurous acid, pentyl tridecyl ...	334	C18H38O3S	1000309-14-6	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006326.D
Acq On : 24 Oct 2018 18:09
Operator : SY/AP
Sample : J5635-24
Misc : 4.87G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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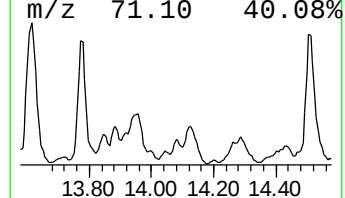
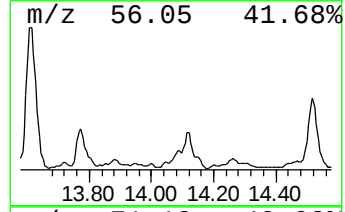
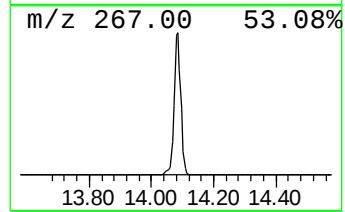
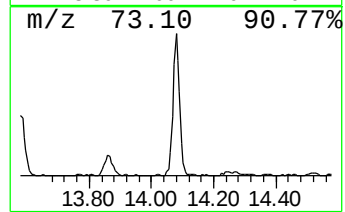
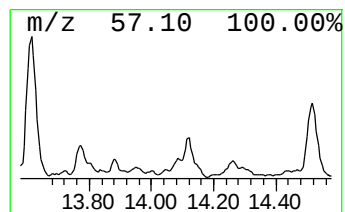
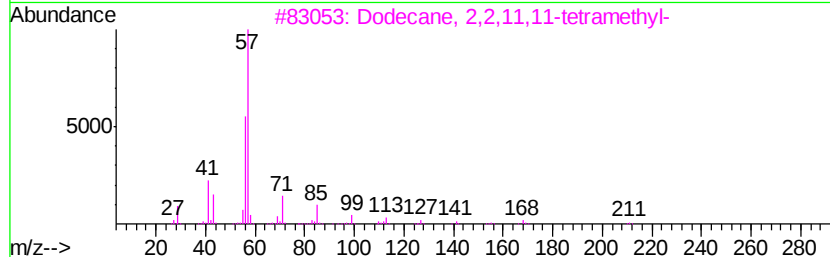
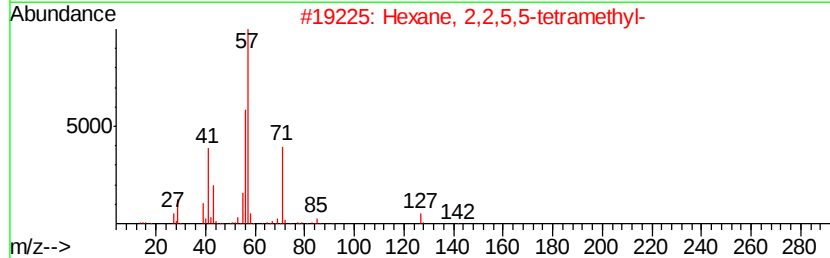
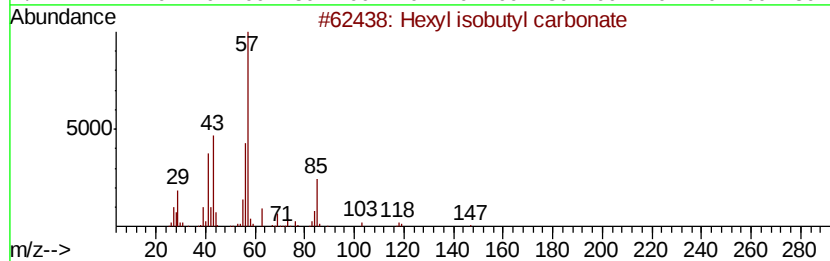
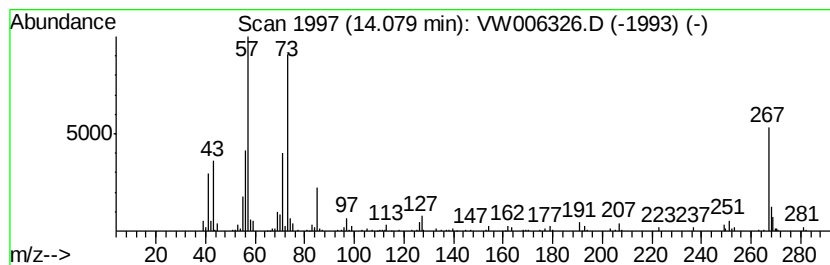
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Quant Title : VOC Analysis

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

Peak Number 12 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	4.95 ug/L	124630	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexyl isobutyl carbonate	202	C11H22O3	959067-98-2	38
2		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	35
3		Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	27
4		Tetradecane, 2,5-dimethyl-	226	C16H34	056292-69-4	27
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006326.D
Acq On : 24 Oct 2018 18:09
Operator : SY/AP
Sample : J5635-24
Misc : 4.87G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40G0

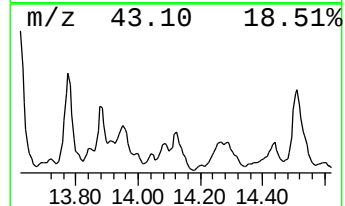
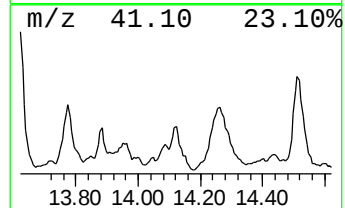
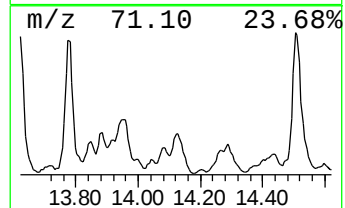
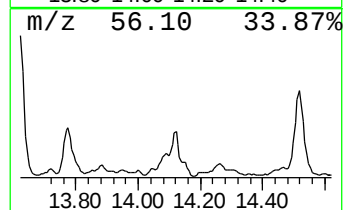
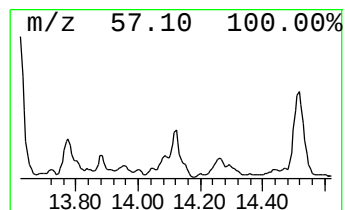
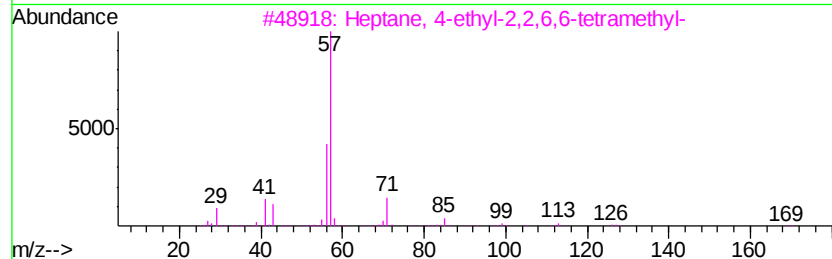
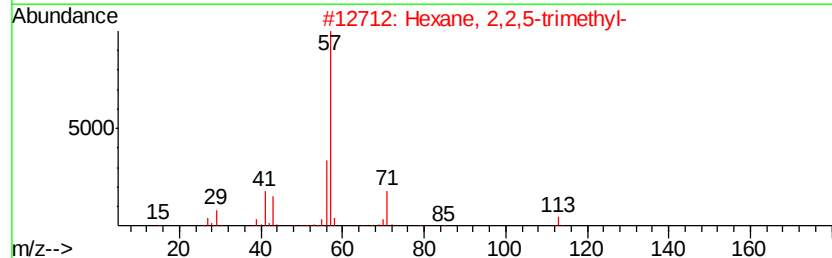
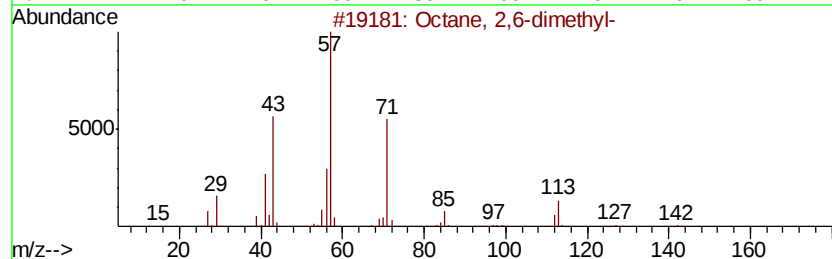
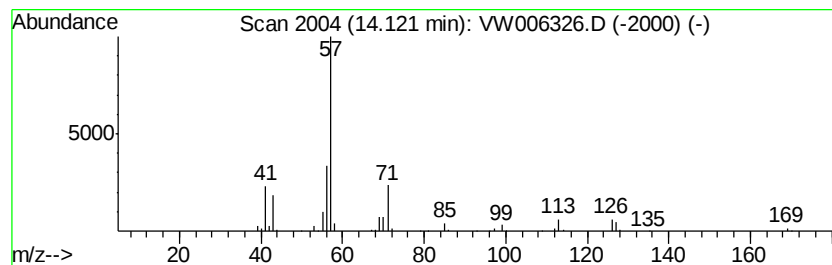
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	9.62 ug/L	241948	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
2			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
3			Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	50
4			Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	50
5			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006326.D
Acq On : 24 Oct 2018 18:09
Operator : SY/AP
Sample : J5635-24
Misc : 4.87G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

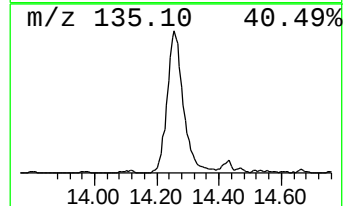
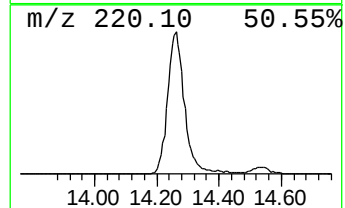
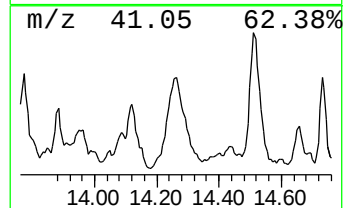
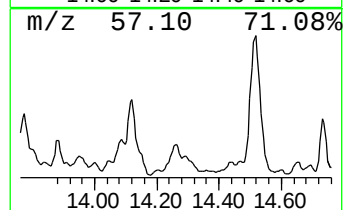
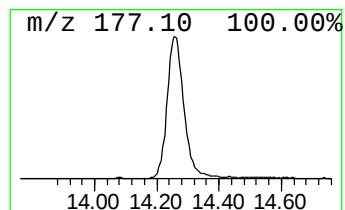
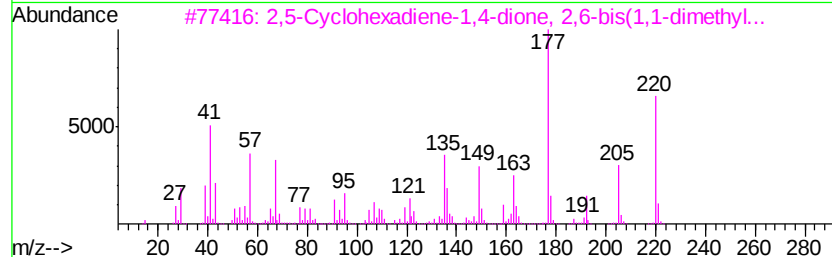
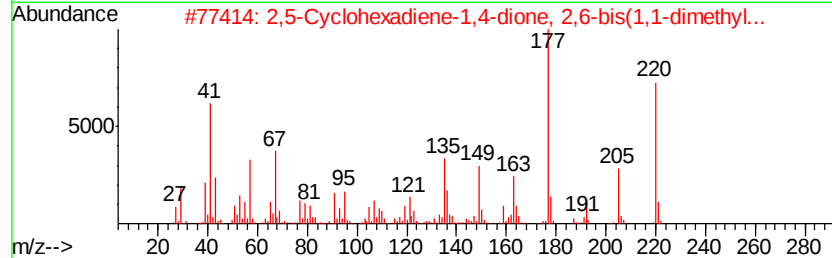
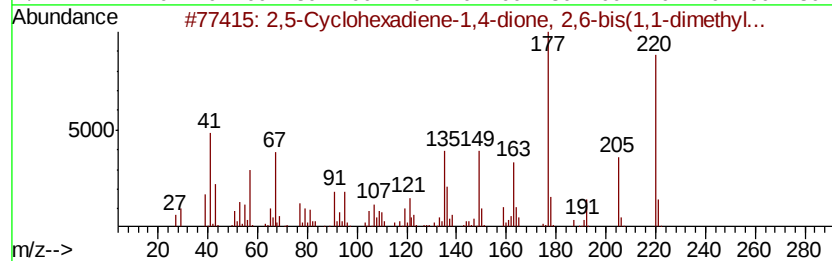
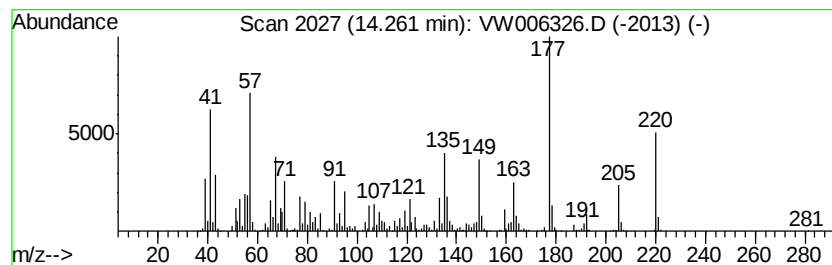
Instrument :
MSVOA_W
ClientSampleId :
A40G0

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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

Peak Number 14 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.			
14.26	38.19 ug/L	960865	1,4-Dichlorobenzene-d4	13.57			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	99		
2	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	98		
3	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	91		
4	2H-1-Benzopyran, 3,5,6,8a-tetra...	192	C13H20O	041678-29-9	68		
5	2-Butanone, 3-(4-tert-butylpheno...	220	C14H20O2	160875-28-5	55		



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006326.D
Acq On : 24 Oct 2018 18:09
Operator : SY/AP
Sample : J5635-24
Misc : 4.87G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40G0

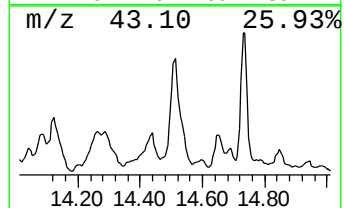
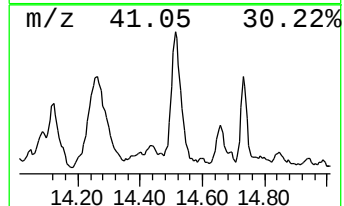
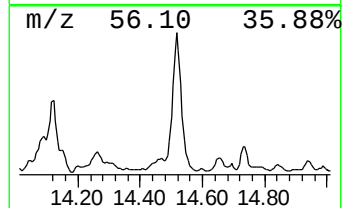
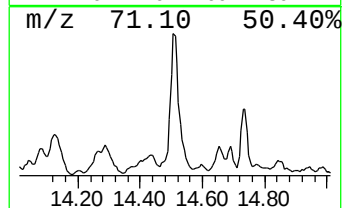
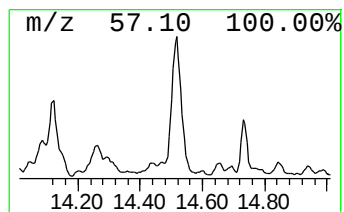
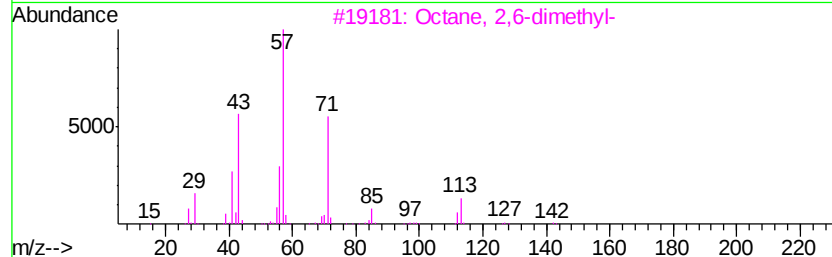
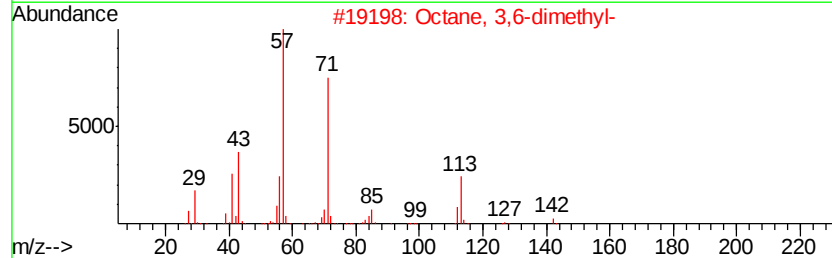
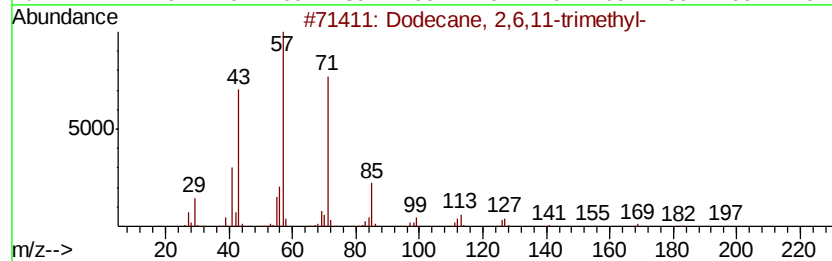
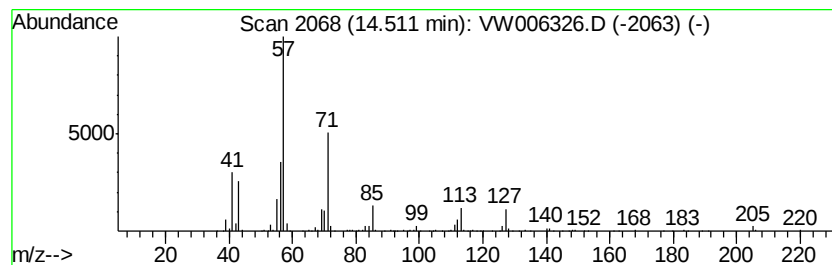
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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	18.58 ug/L	467464	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006326.D
Acq On : 24 Oct 2018 18:09
Operator : SY/AP
Sample : J5635-24
Misc : 4.87G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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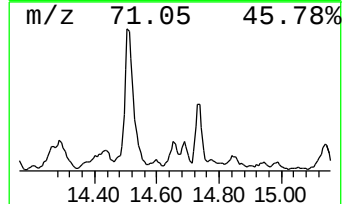
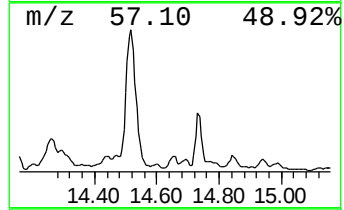
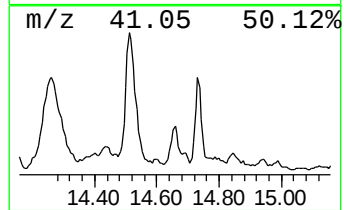
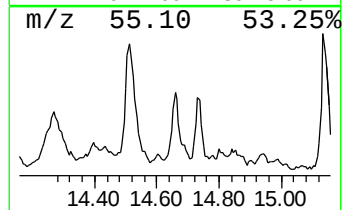
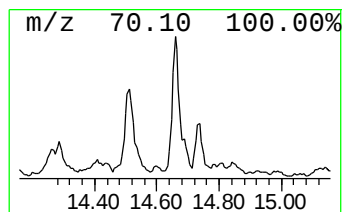
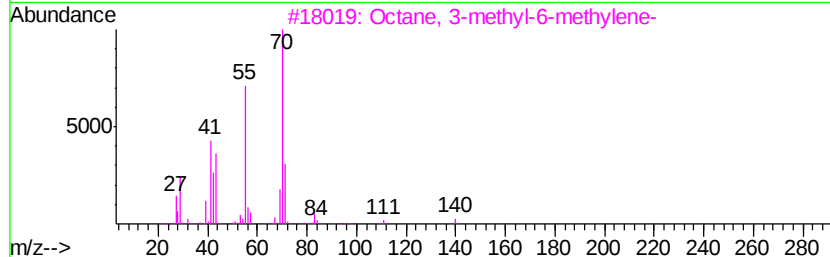
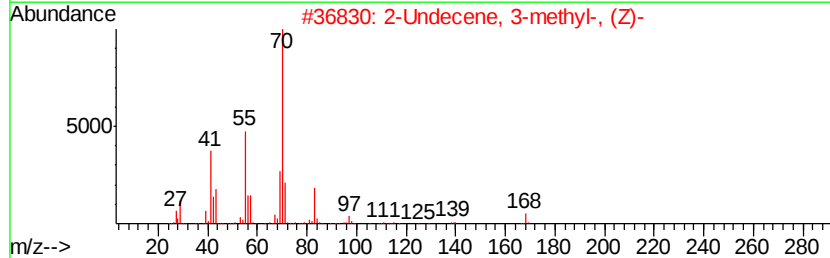
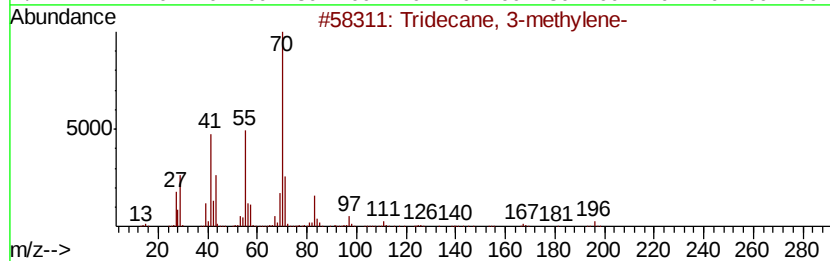
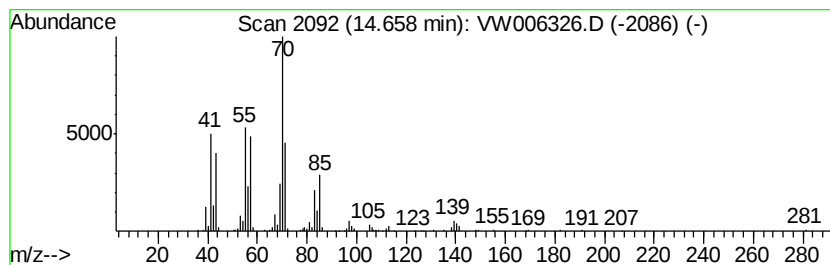
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Cyclic14.66 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	4.30 ug/L	108203	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 3-methyl-	196	C14H28	019780-34-8	53
2		2-Undecene, 3-methyl-, (Z)-	168	C12H24	057024-90-5	50
3		Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	50
4		2-Hexene, 3,5-dimethyl-	112	C8H16	003404-79-3	47
5		Nonane, 3-methylene-	140	C10H20	051655-64-2	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006326.D
Acq On : 24 Oct 2018 18:09
Operator : SY/AP
Sample : J5635-24
Misc : 4.87G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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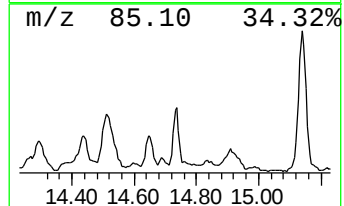
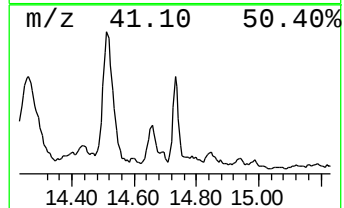
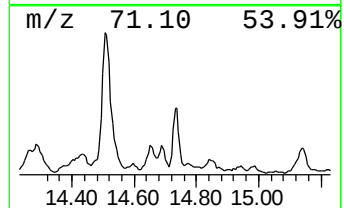
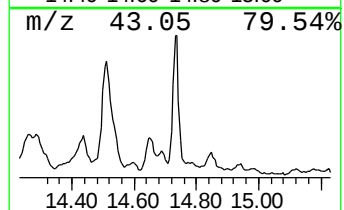
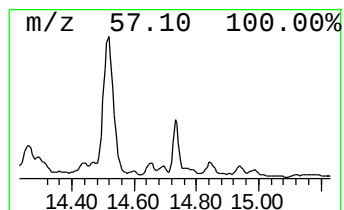
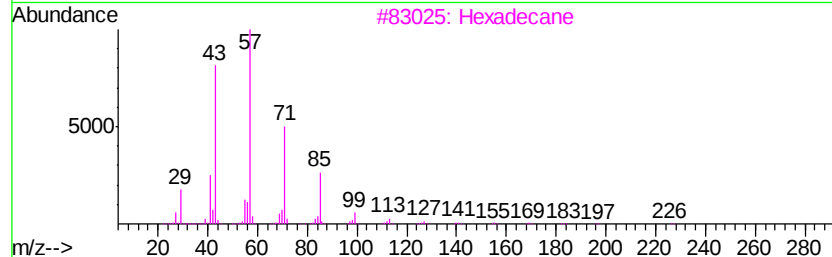
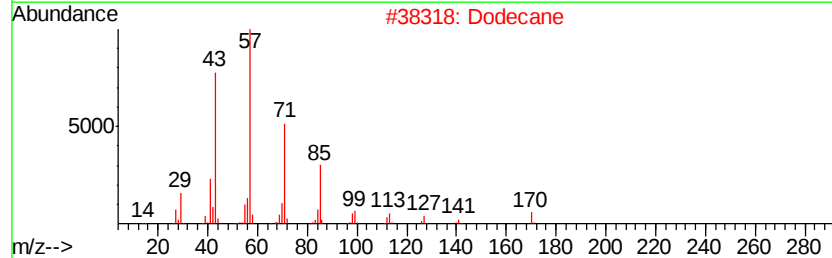
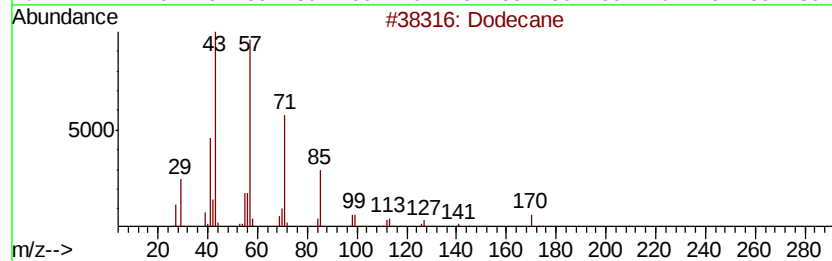
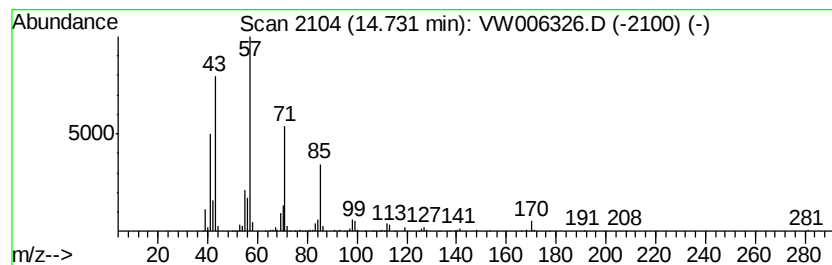
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Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	6.27 ug/L	157887	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	90
2			Dodecane	170	C12H26	000112-40-3	90
3			Hexadecane	226	C16H34	000544-76-3	86
4			Dodecane	170	C12H26	000112-40-3	81
5			Tetradecane	198	C14H30	000629-59-4	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006326.D
Acq On : 24 Oct 2018 18:09
Operator : SY/AP
Sample : J5635-24
Misc : 4.87G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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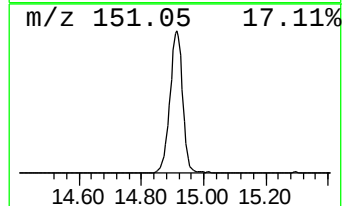
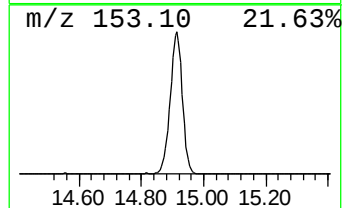
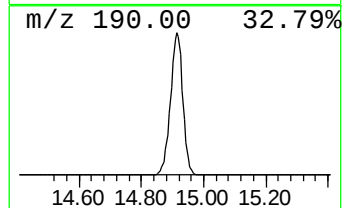
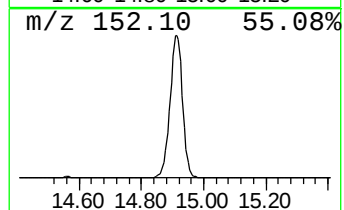
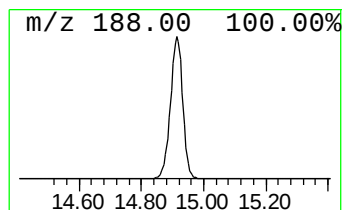
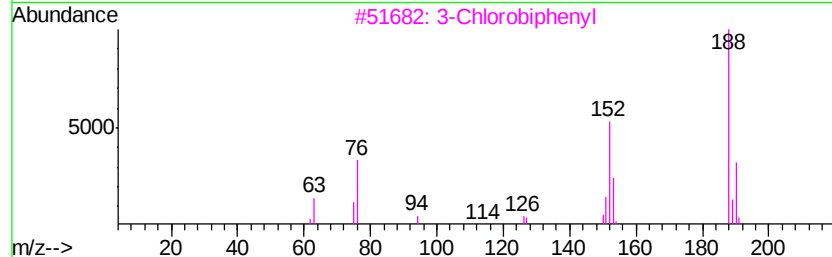
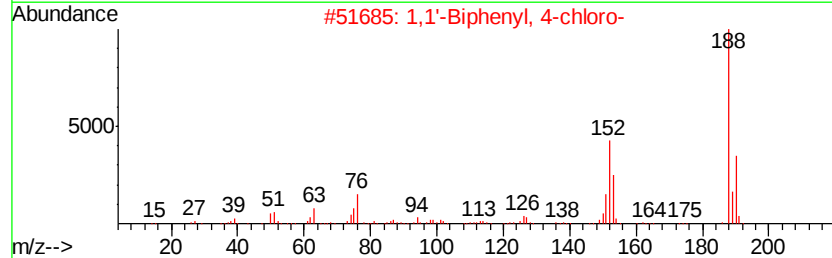
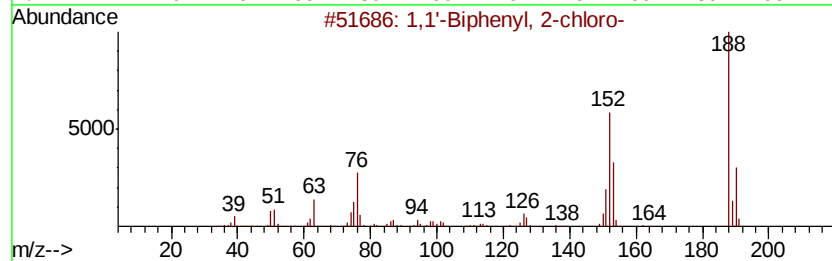
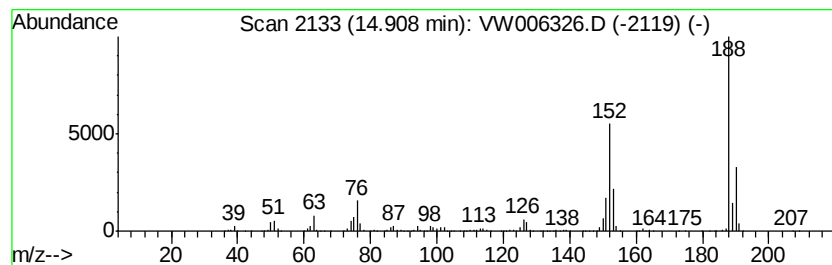
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Quant Title : VOC Analysis

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

Peak Number 18 1,1'-Biphenyl, 2-chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	108.36 ug/L	2726570	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	97
2		1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	97
3		3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	96
4		1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	95
5		3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006326.D
Acq On : 24 Oct 2018 18:09
Operator : SY/AP
Sample : J5635-24
Misc : 4.87G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40G0

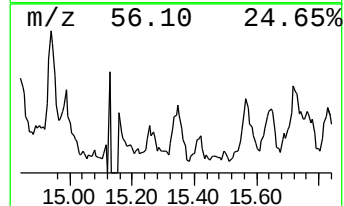
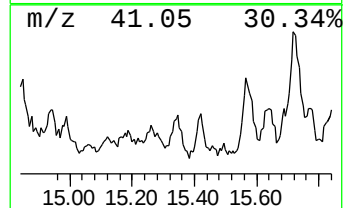
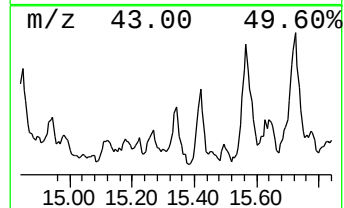
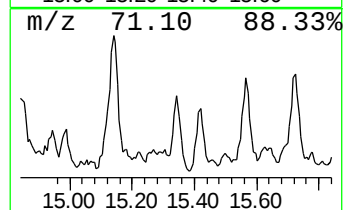
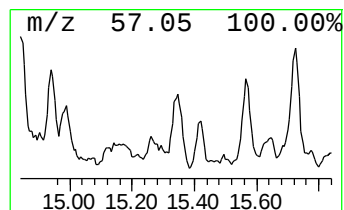
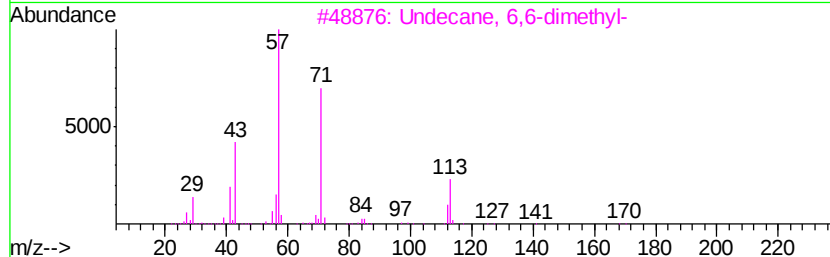
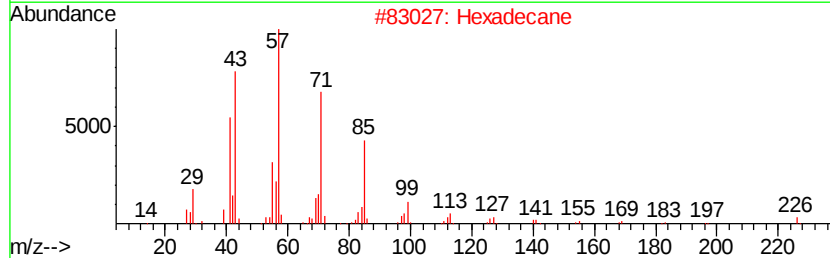
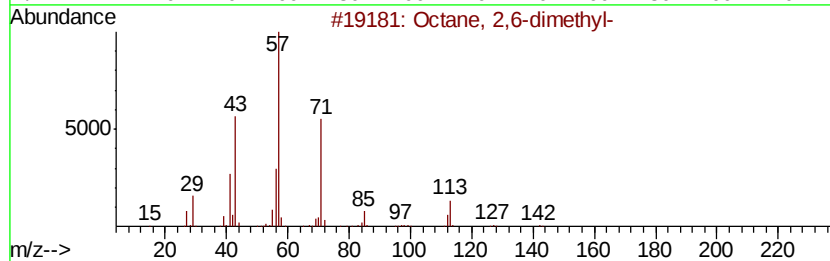
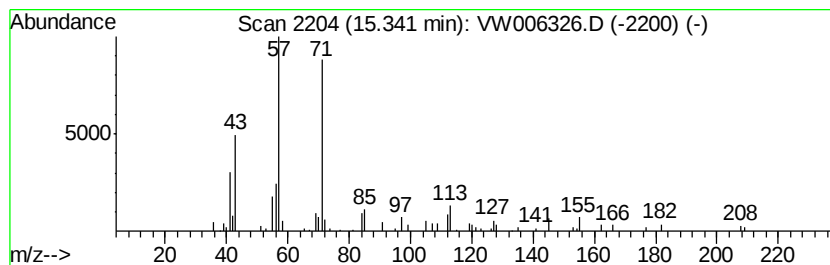
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Quant Title : VOC Analysis

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	1.52 ug/L	38315	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2			Hexadecane	226	C16H34	000544-76-3	64
3			Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59
4			Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	53
5			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006326.D
Acq On : 24 Oct 2018 18:09
Operator : SY/AP
Sample : J5635-24
Misc : 4.87G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40G0

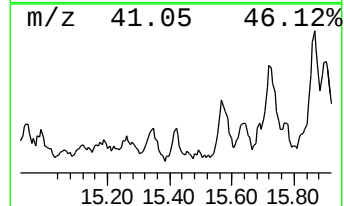
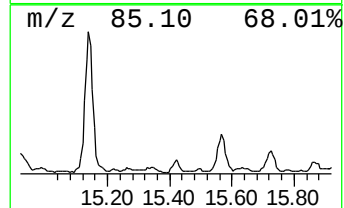
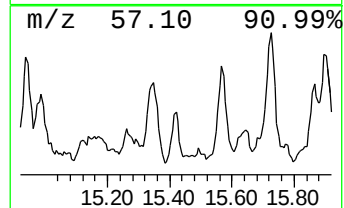
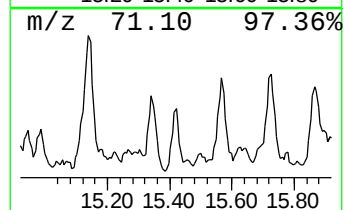
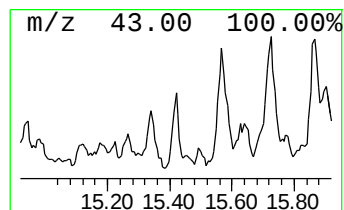
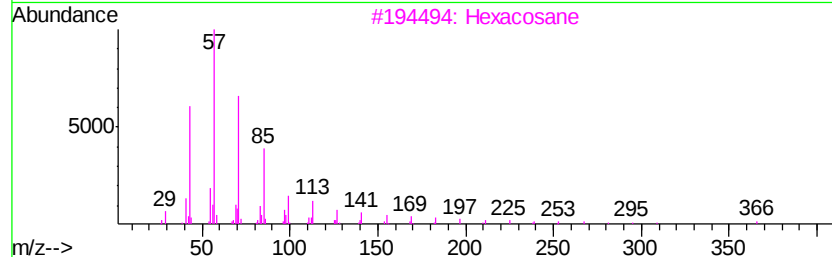
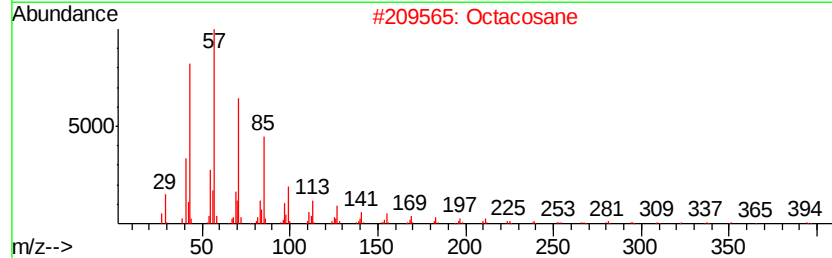
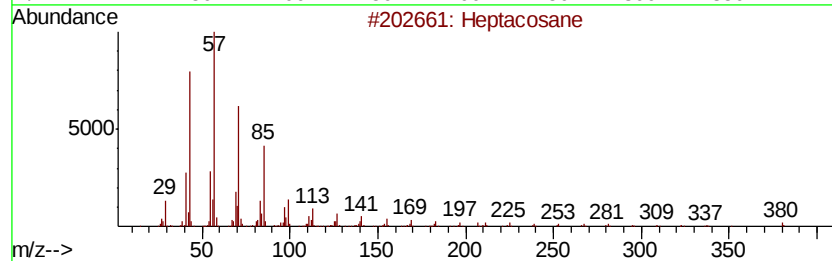
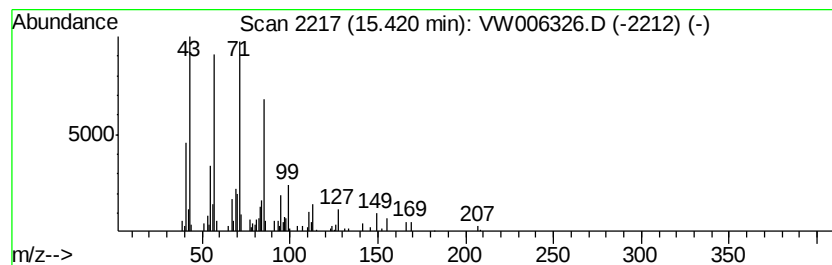
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Quant Title : VOC Analysis

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	1.33 ug/L	33468	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	86
2		Octacosane	394	C28H58	000630-02-4	80
3		Hexacosane	366	C26H54	000630-01-3	80
4		Heneicosane	296	C21H44	000629-94-7	80
5		Heptadecane	240	C17H36	000629-78-7	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006326.D
Acq On : 24 Oct 2018 18:09
Operator : SY/AP
Sample : J5635-24
Misc : 4.87G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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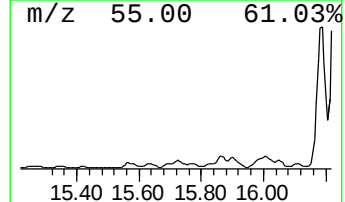
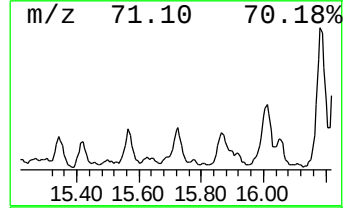
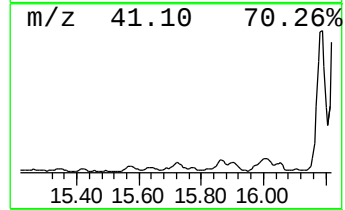
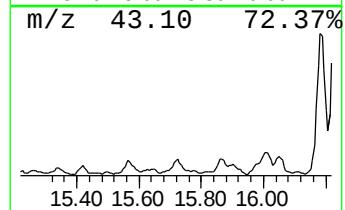
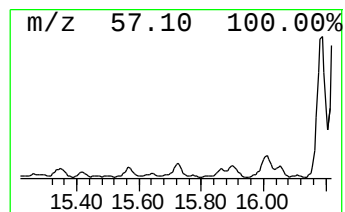
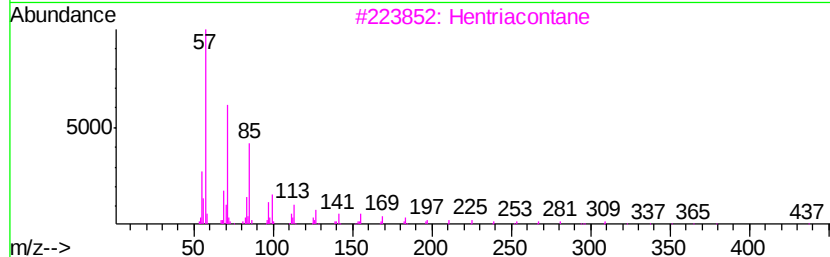
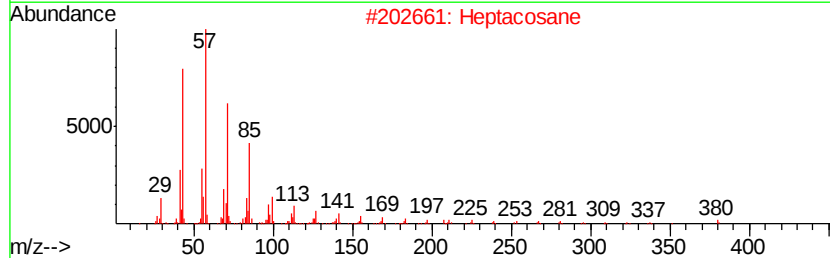
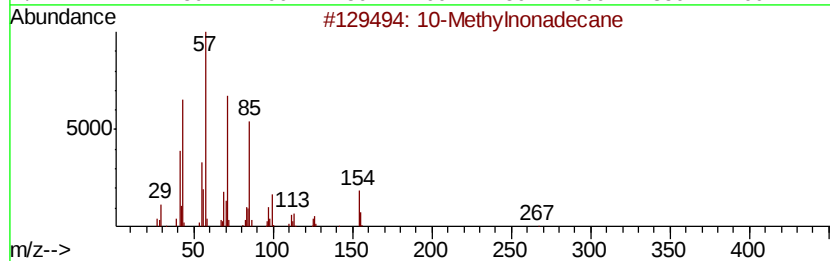
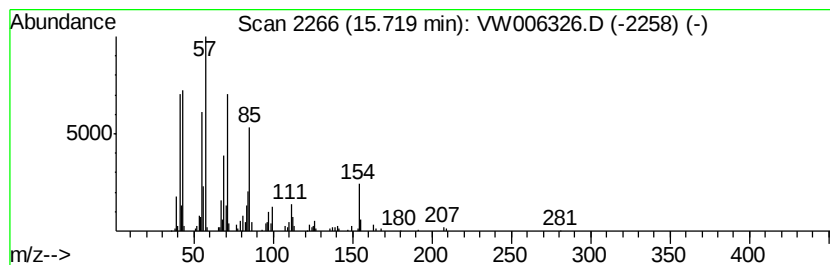
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Quant Title : VOC Analysis

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	4.24 ug/L	106580	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Methylnonadecane	282	C20H42	056862-62-5	86
2		Heptacosane	380	C27H56	000593-49-7	72
3		Hentriacontane	437	C31H64	000630-04-6	64
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	64
5		Octacosane	394	C28H58	000630-02-4	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006326.D
Acq On : 24 Oct 2018 18:09
Operator : SY/AP
Sample : J5635-24
Misc : 4.87G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

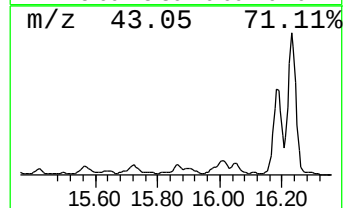
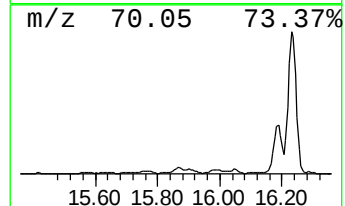
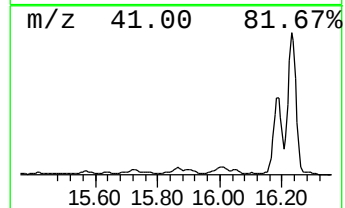
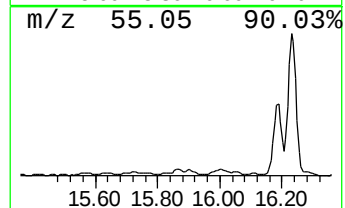
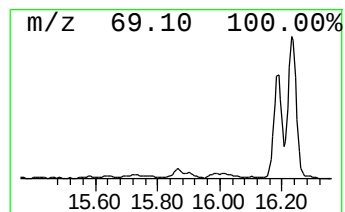
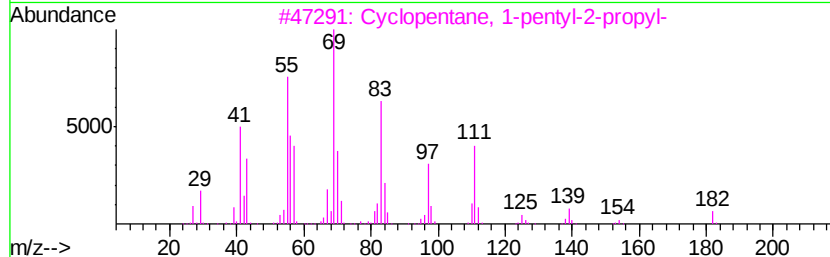
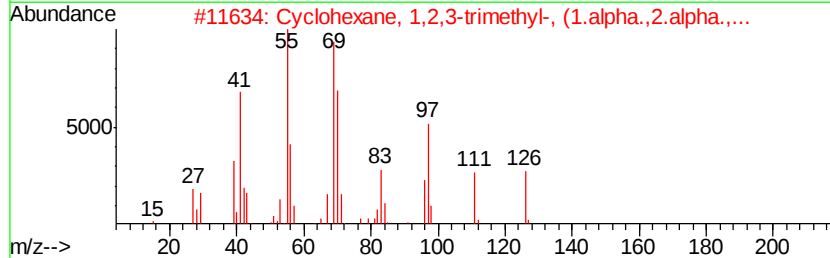
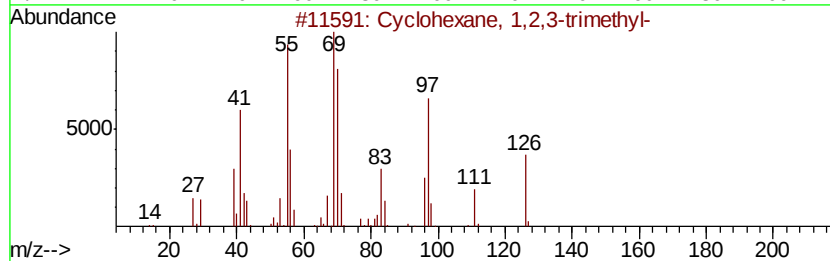
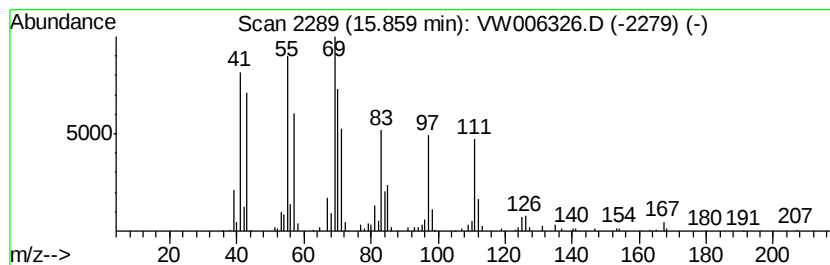
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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

Peak Number 22 (DEL) Alkane: Cyclic15.86 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.86	5.15 ug/L	129583	1,4-Dichlorobenzene-d4	13.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	52
2	Cvclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	007667-55-2	50
3	Cvclopentane, 1-pentvl-2-propvl-	182	C13H26	062199-51-3	50
4	4-Decene, 3-methyl-, (E)-	154	C11H22	062338-47-0	46
5	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006326.D
Acq On : 24 Oct 2018 18:09
Operator : SY/AP
Sample : J5635-24
Misc : 4.87G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40G0

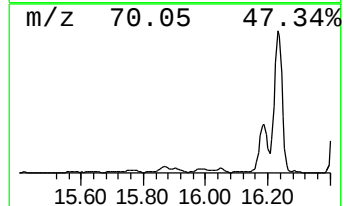
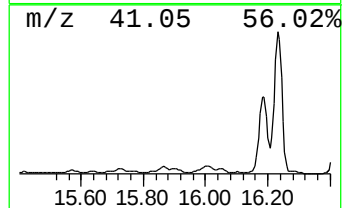
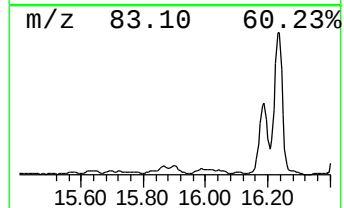
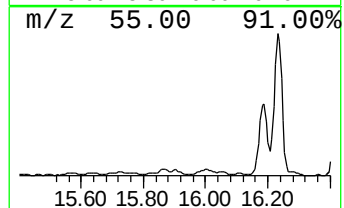
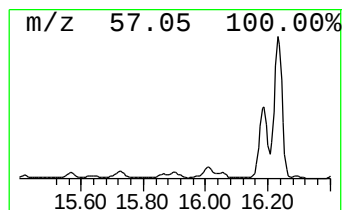
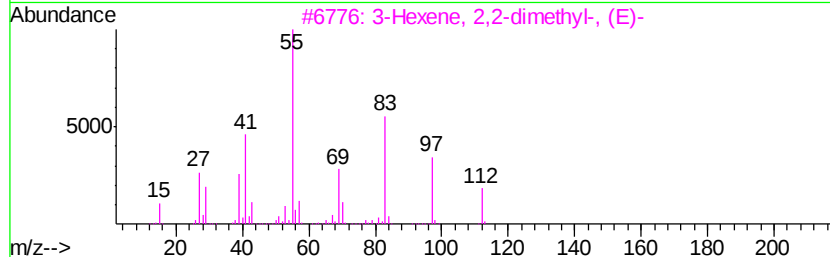
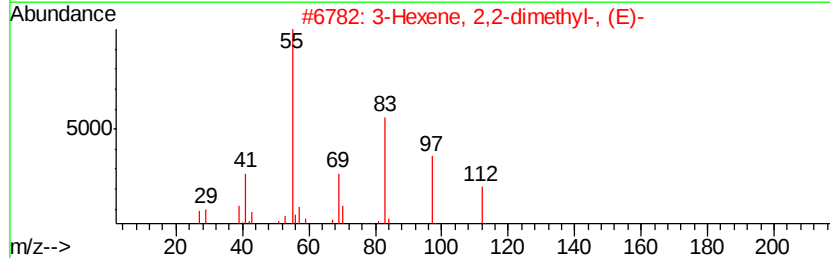
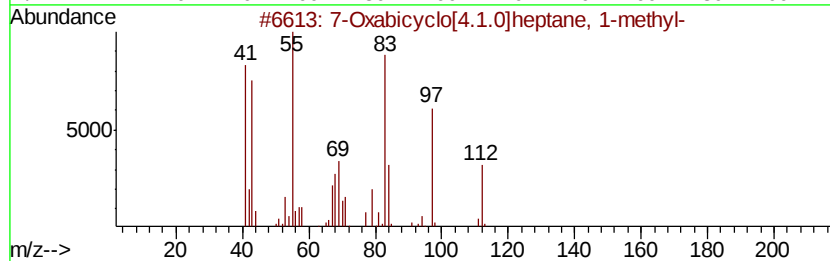
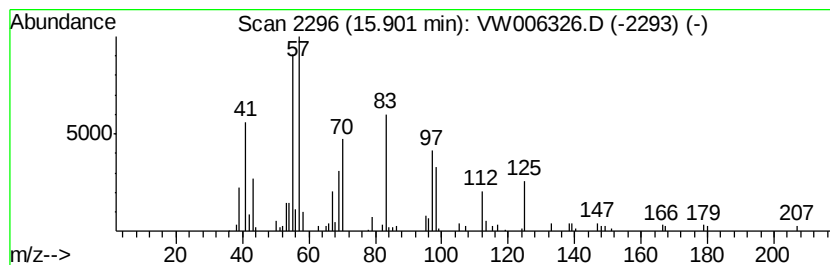
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Quant Title : VOC Analysis

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

Peak Number 23 unknown-03 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	3.70 ug/L	93199	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Oxabicyclo[4.1.0]heptane, 1-me...	112	C7H12O	001713-33-3	49
2			3-Hexene, 2,2-dimethyl-, (E)-	112	C8H16	000690-93-7	49
3			3-Hexene, 2,2-dimethyl-, (E)-	112	C8H16	000690-93-7	49
4			3-Hexene, 2,2-dimethyl-	112	C8H16	003123-93-1	46
5			4-Chloro-2,4-dimethylhexane	148	C8H17Cl	054059-76-6	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006326.D
Acq On : 24 Oct 2018 18:09
Operator : SY/AP
Sample : J5635-24
Misc : 4.87G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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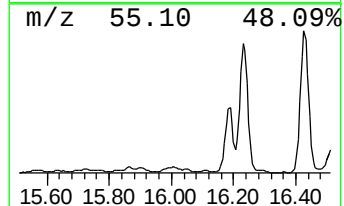
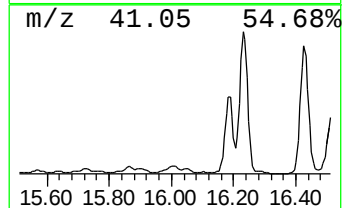
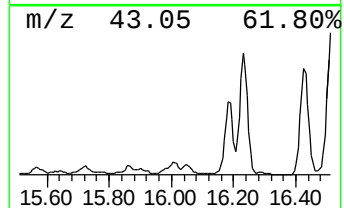
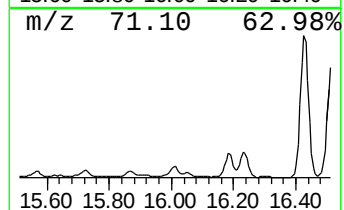
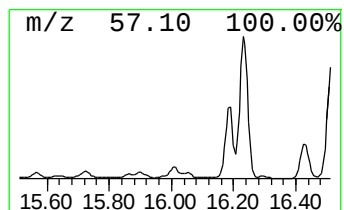
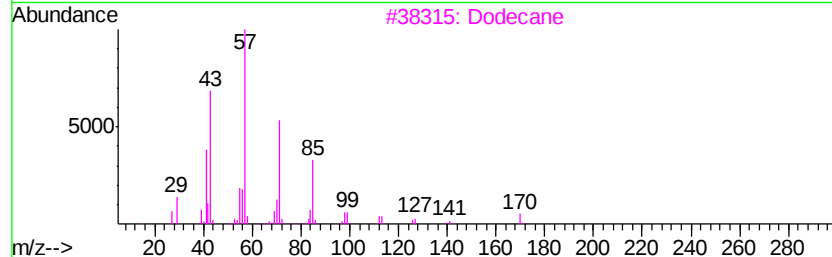
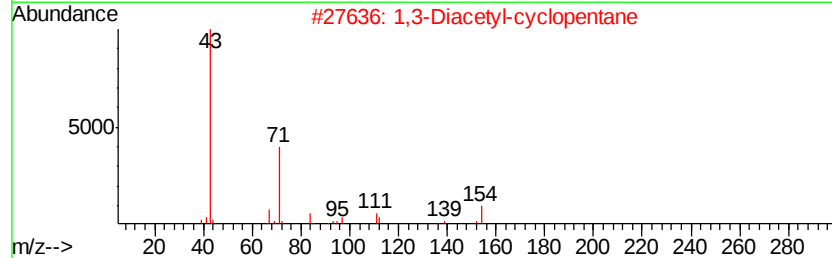
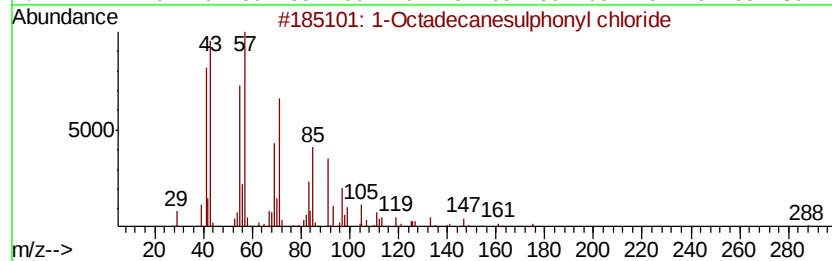
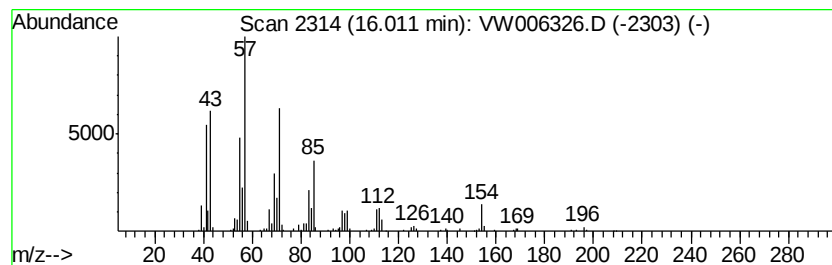
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Quant Title : VOC Analysis

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

Peak Number 24 1-Octadecanesulphonyl chloride Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	7.90 ug/L	198863	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	72
2			1,3-Diacetyl-cyclopentane	154	C9H14O2	1000143-37-1	53
3			Dodecane	170	C12H26	000112-40-3	49
4			Oxalic acid, allyl nonyl ester	256	C14H24O4	1000309-23-7	49
5			1-Tetradecene	196	C14H28	001120-36-1	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006326.D
Acq On : 24 Oct 2018 18:09
Operator : SY/AP
Sample : J5635-24
Misc : 4.87G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

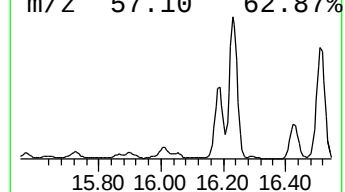
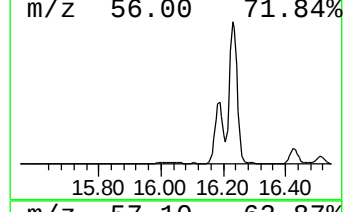
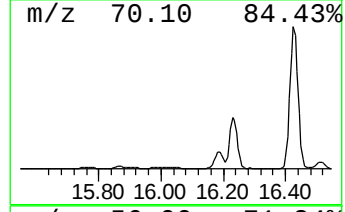
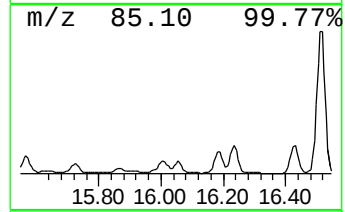
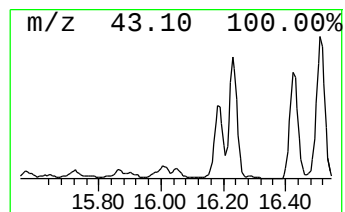
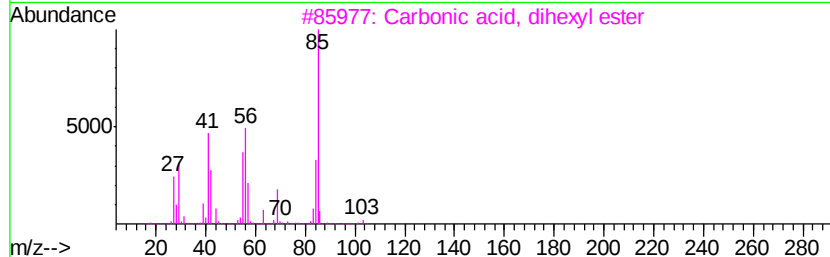
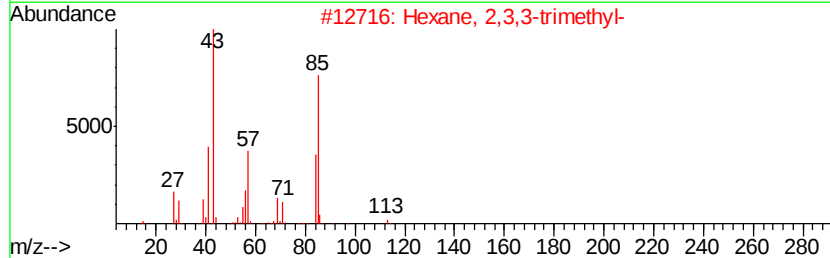
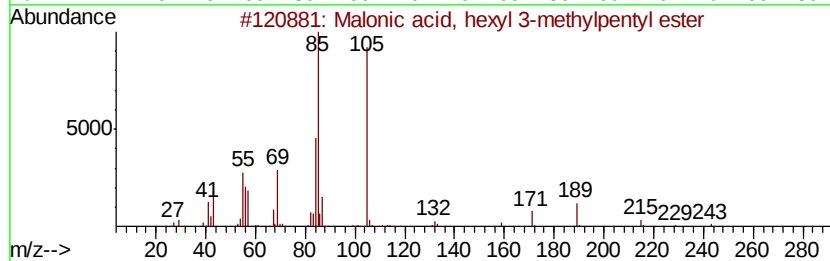
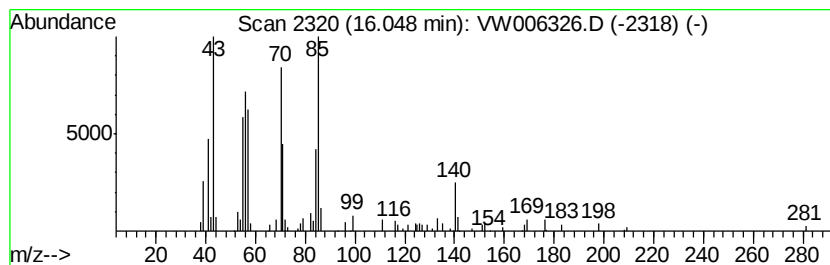
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 25 unknown-04 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.05	2.53 ug/L	63610	1,4-Dichlorobenzene-d4	13.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Malonic acid, hexyl 3-methylpent...	272	C15H28O4	1000348-67-6	38
2	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	38
3	Carbonic acid, dihexyl ester	230	C13H26O3	007523-15-1	38
4	Undecane, 4,4-dimethyl-	184	C13H28	017312-68-4	38
5	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006326.D
Acq On : 24 Oct 2018 18:09
Operator : SY/AP
Sample : J5635-24
Misc : 4.87G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40G0

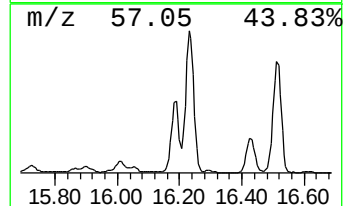
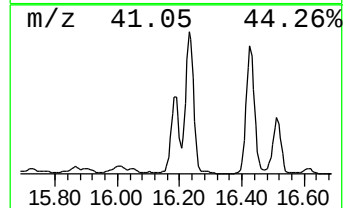
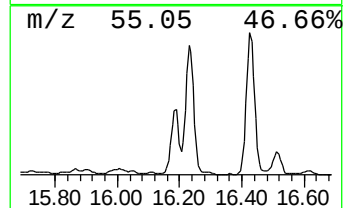
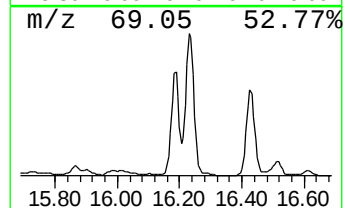
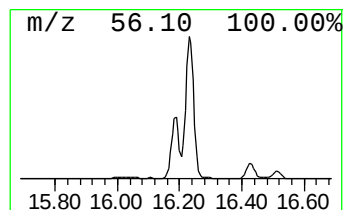
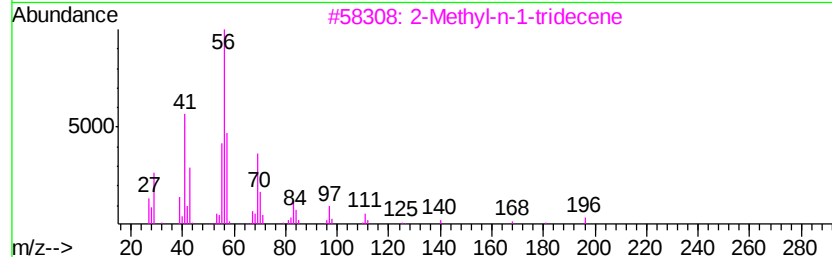
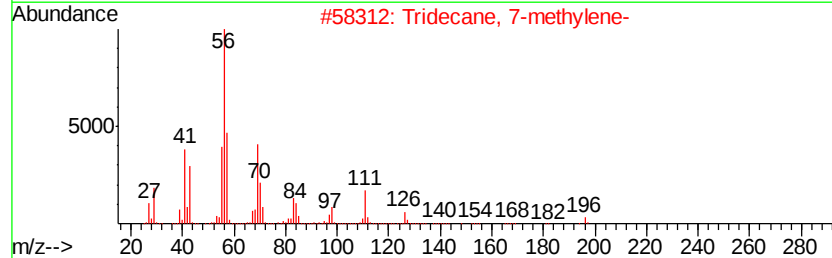
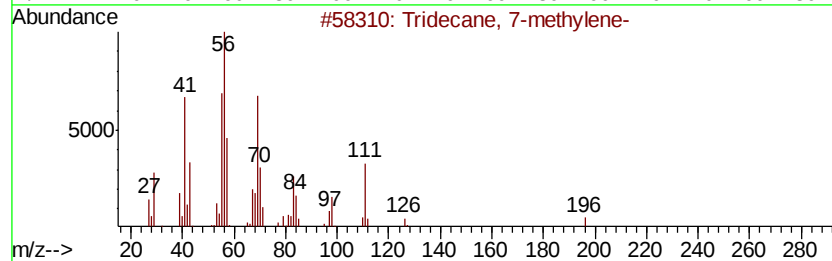
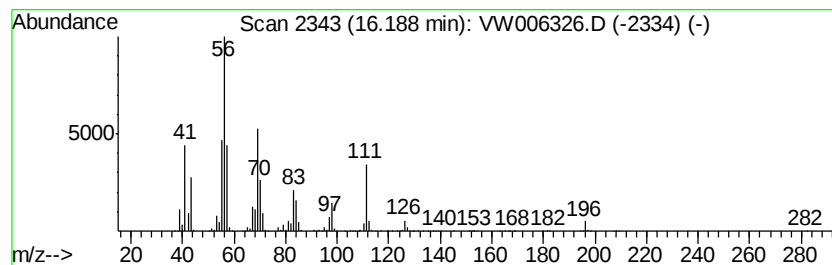
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Quant Title : VOC Analysis

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

Peak Number 26 (DEL) Alkane: Cyclic16.19 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	60.42 ug/L	1520170	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-methylene-	196	C14H28	019780-80-4	94
2		Tridecane, 7-methylene-	196	C14H28	019780-80-4	94
3		2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	83
4		5-Undecene, 7-methyl-, (E)-	168	C12H24	074630-66-3	72
5		2-Butyl-1-decene	196	C14H28	051655-65-3	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006326.D
Acq On : 24 Oct 2018 18:09
Operator : SY/AP
Sample : J5635-24
Misc : 4.87G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40G0

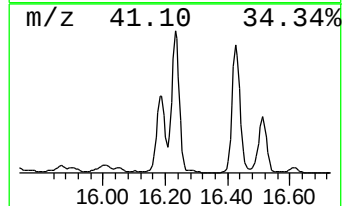
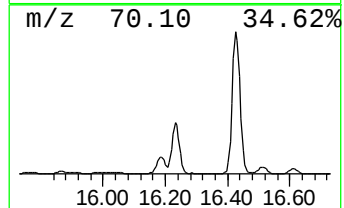
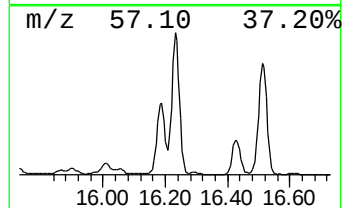
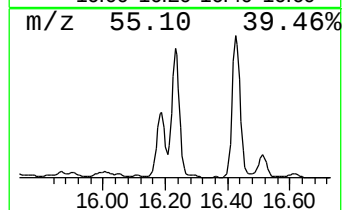
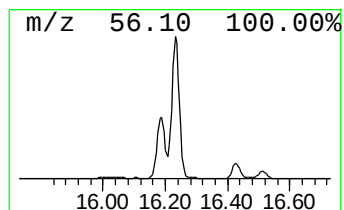
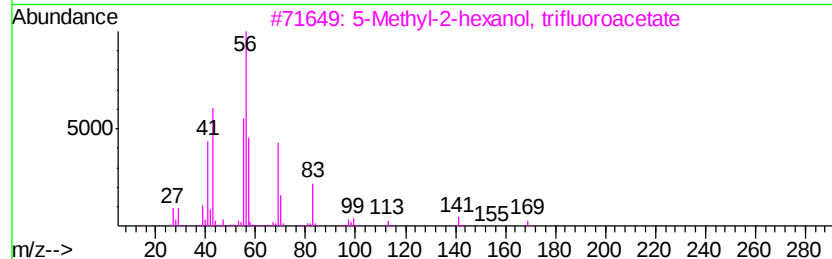
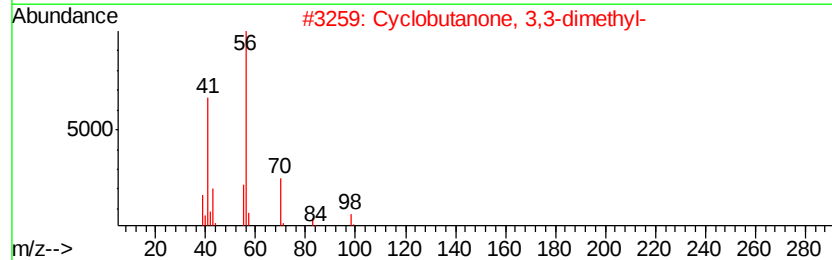
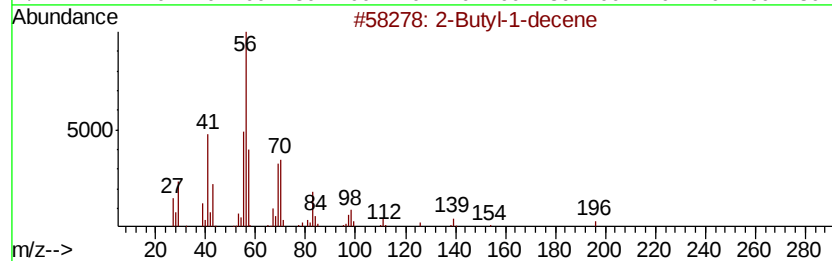
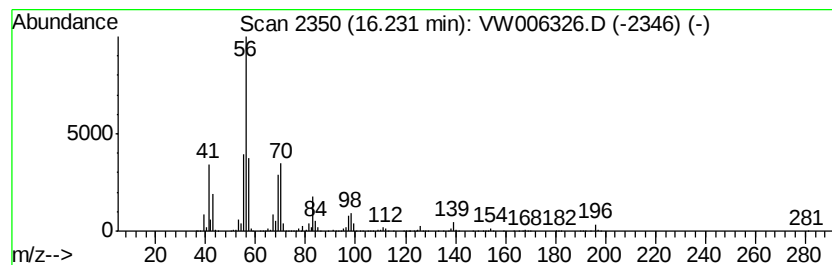
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Quant Title : VOC Analysis

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

Peak Number 27 (DEL) Alkane: Cyclic16.23 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	102.32 ug/L	2574640	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Butyl-1-decene	196	C14H28	051655-65-3	95
2		Cyclobutanone, 3,3-dimethyl-	98	C6H10O	001192-33-2	64
3		5-Methyl-2-hexanol, trifluoroacetate...	212	C9H15F3O2	1000364-20-2	59
4		Decane, 5-methyl-6-methylene-	168	C12H24	075029-95-7	56
5		2H-Pyran-2-one, tetrahydro-4,4,6...	142	C8H14O2	010603-06-2	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006326.D
Acq On : 24 Oct 2018 18:09
Operator : SY/AP
Sample : J5635-24
Misc : 4.87G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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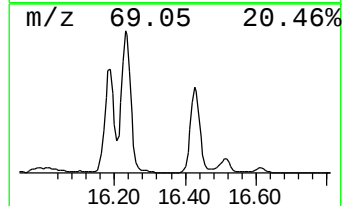
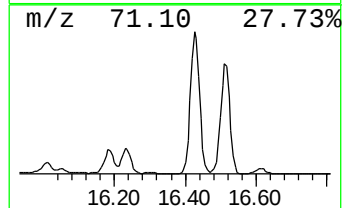
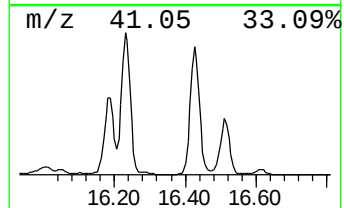
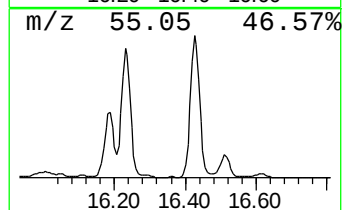
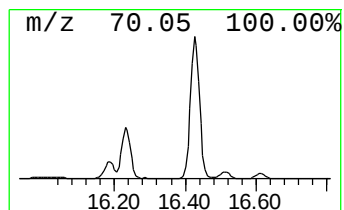
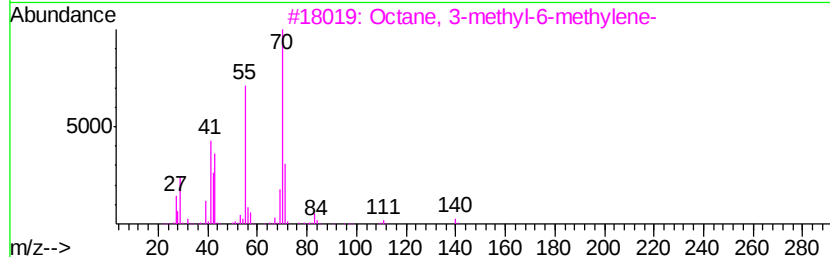
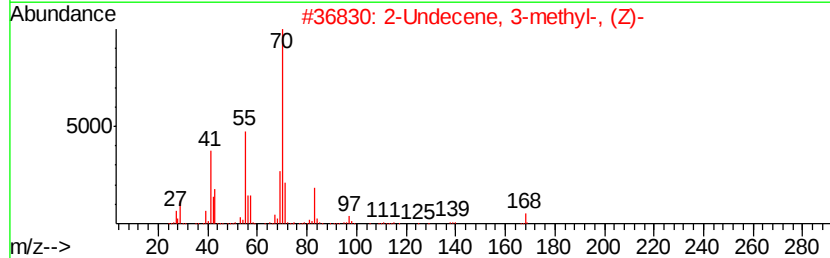
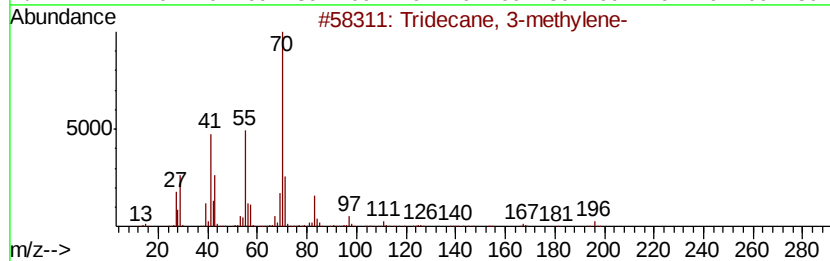
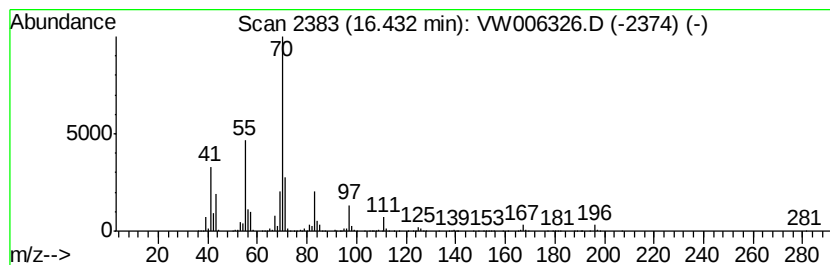
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Quant Title : VOC Analysis

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

Peak Number 28 (DEL) Alkane: Cyclic16.43 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	91.13 ug/L	2292870	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 3-methyl-	196	C14H28	019780-34-8	95
2		2-Undecene, 3-methyl-, (Z)-	168	C12H24	057024-90-5	72
3		Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	59
4		2-Undecene, 3-methyl-, (E)-	168	C12H24	074630-47-0	59
5		Undecane, 3-methylene-	168	C12H24	071138-64-2	56



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006326.D
Acq On : 24 Oct 2018 18:09
Operator : SY/AP
Sample : J5635-24
Misc : 4.87G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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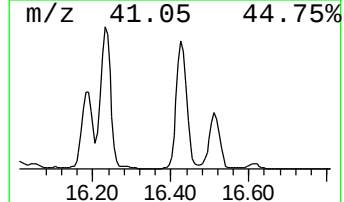
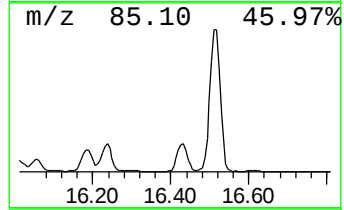
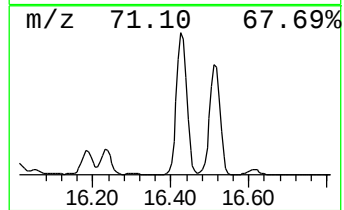
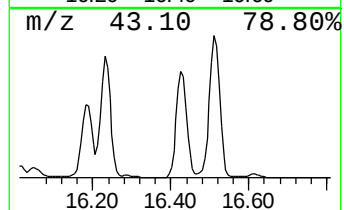
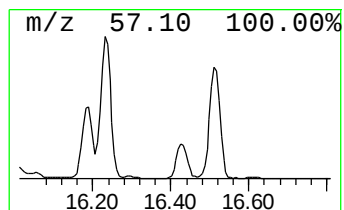
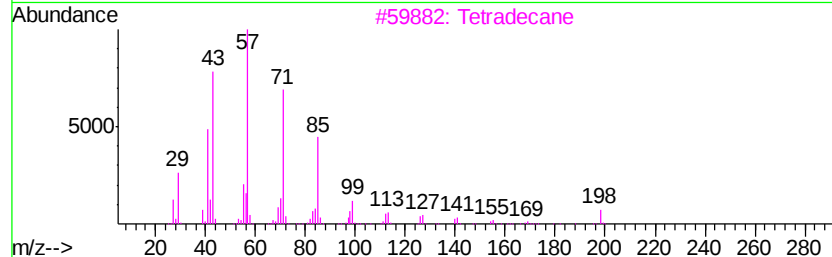
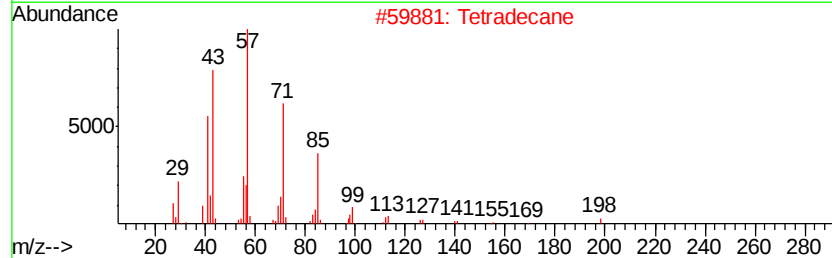
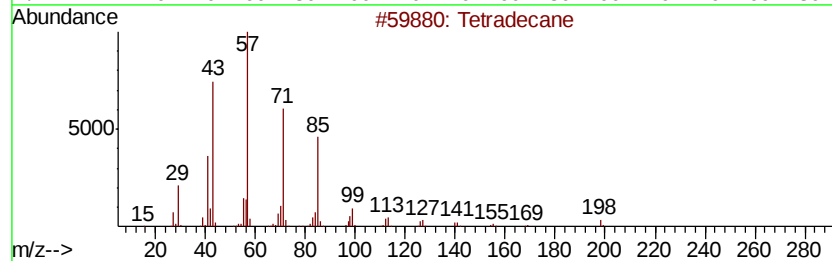
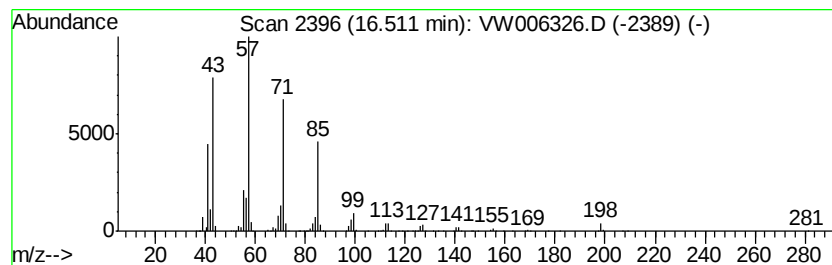
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Quant Title : VOC Analysis

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	39.54 ug/L	994930	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	98
2		Tetradecane	198	C14H30	000629-59-4	96
3		Tetradecane	198	C14H30	000629-59-4	96
4		Tetradecane	198	C14H30	000629-59-4	94
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006326.D
Acq On : 24 Oct 2018 18:09
Operator : SY/AP
Sample : J5635-24
Misc : 4.87G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

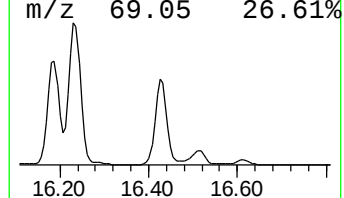
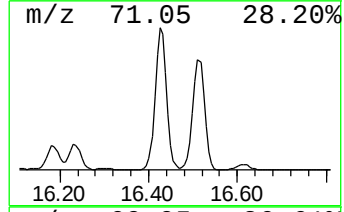
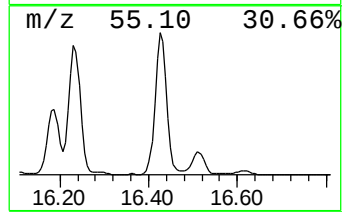
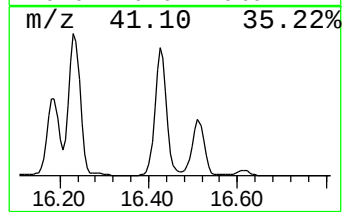
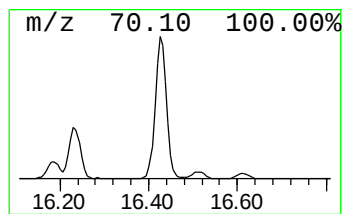
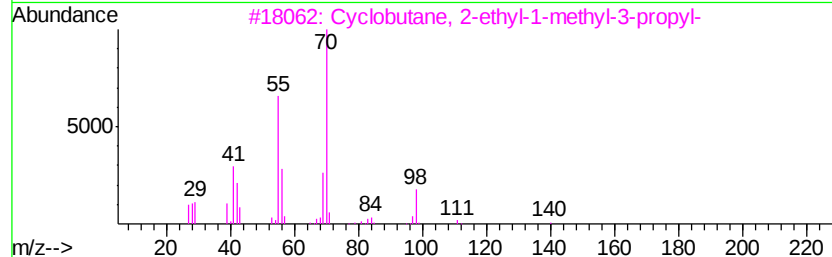
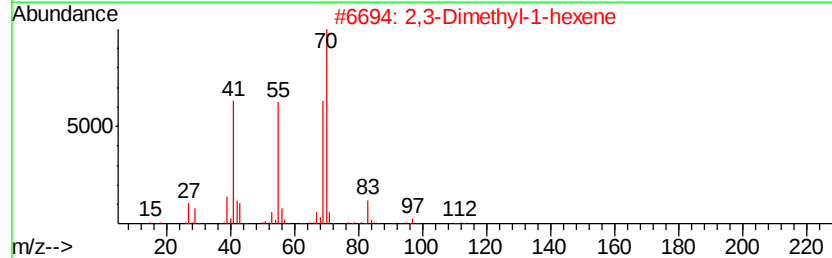
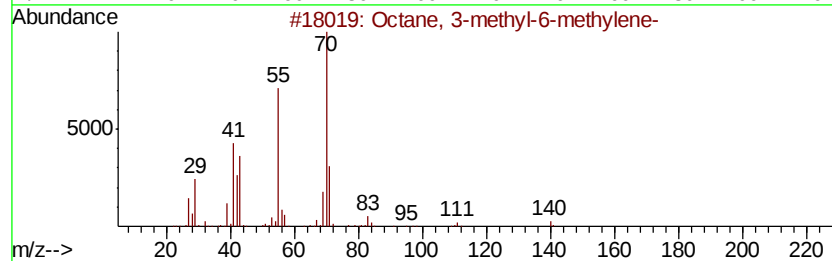
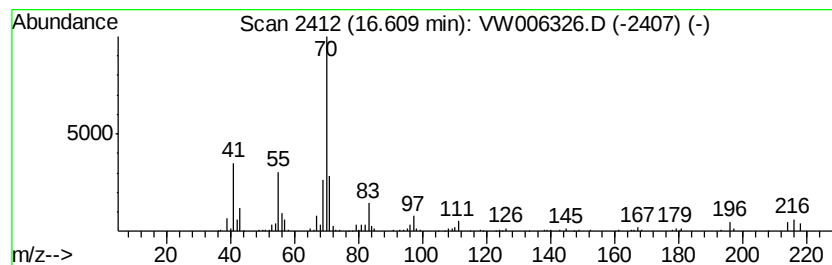
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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

Peak Number 30 (DEL) Alkane: Cyclic16.61 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.61	3.80 ug/L	95661	1,4-Dichlorobenzene-d4	13.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	64
2	2,3-Dimethyl-1-hexene	112	C8H16	016746-86-4	53
3	Cyclobutane, 2-ethyl-1-methyl-3-...	140	C10H20	061233-72-5	50
4	Tridecane, 3-methylene-	196	C14H28	019780-34-8	50
5	2-Undecene, 3-methyl-, (Z)-	168	C12H24	057024-90-5	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006326.D
Acq On : 24 Oct 2018 18:09
Operator : SY/AP
Sample : J5635-24
Misc : 4.87G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

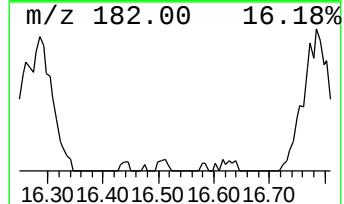
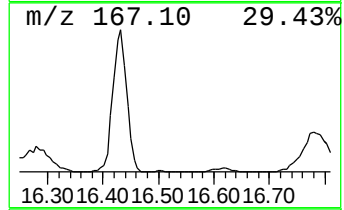
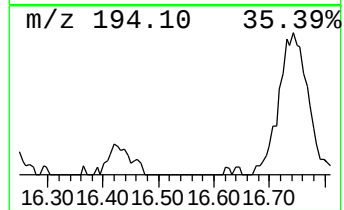
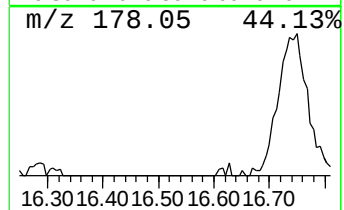
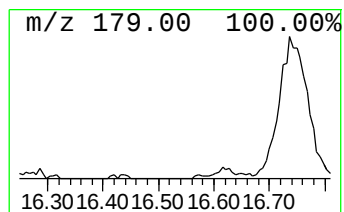
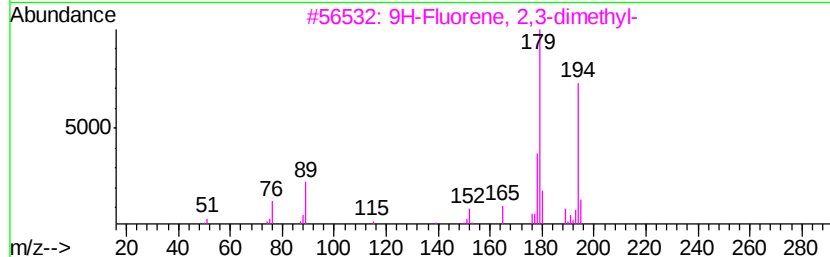
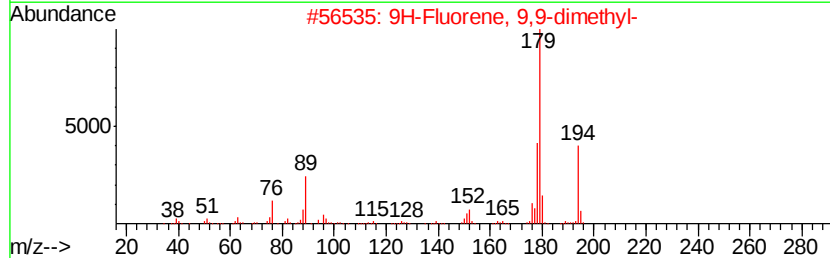
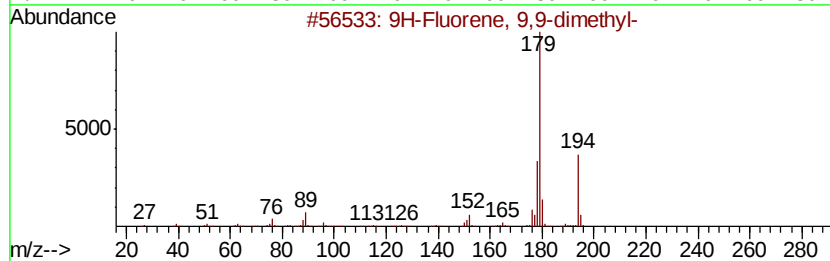
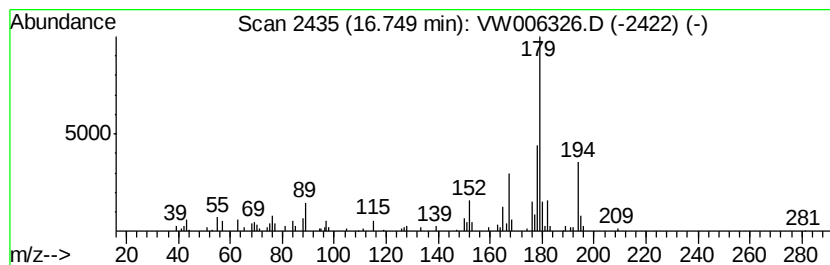
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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

Peak Number 31 9H-Fluorene, 9,9-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.75	1.74 ug/L	43851	1,4-Dichlorobenzene-d4	13.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	70
2	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	70
3	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	68
4	Benzo[flisoquinoline	179	C13H9N	000229-67-4	53
5	5-Acetoacenaphthylene	194	C14H10O	068399-52-0	50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102418\
 Data File : VW006326.D
 Acq On : 24 Oct 2018 18:09
 Operator : SY/AP
 Sample : J5635-24
 Misc : 4.87G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40G0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	12.76	1.9	ug/L	48262	3	13.57	629046	25.0
Hexanal, 2-ethyl-	12.90	1.5	ug/L	38598	3	13.57	629046	25.0
Decane, 1,1'-oxybis-	12.94	3.2	ug/L	79461	3	13.57	629046	25.0
(DEL) Alkane: Str...	13.20	11.6	ug/L	291485	3	13.57	629046	25.0
(DEL) Alkane: Str...	13.31	2.8	ug/L	70812	3	13.57	629046	25.0
(DEL) Alkane: Str...	13.41	21.1	ug/L	529967	3	13.57	629046	25.0
(DEL) Alkane: Str...	13.72	1.4	ug/L	35849	3	13.57	629046	25.0
(DEL) Alkane: Str...	13.77	12.7	ug/L	319288	3	13.57	629046	25.0
unknown-01	13.96	4.0	ug/L	101631	3	13.57	629046	25.0
unknown-02	14.08	5.0	ug/L	124630	3	13.57	629046	25.0
(DEL) Alkane: Str...	14.12	9.6	ug/L	241948	3	13.57	629046	25.0
2,5-Cyclohexadien...	14.26	38.2	ug/L	960865	3	13.57	629046	25.0
(DEL) Alkane: Str...	14.51	18.6	ug/L	467464	3	13.57	629046	25.0
(DEL) Alkane: Cyc...	14.66	4.3	ug/L	108203	3	13.57	629046	25.0
(DEL) Alkane: Str...	14.73	6.3	ug/L	157887	3	13.57	629046	25.0
1,1'-Biphenyl, 2-...	14.91	108.4	ug/L	2726570	3	13.57	629046	25.0
(DEL) Alkane: Str...	15.34	1.5	ug/L	38315	3	13.57	629046	25.0
(DEL) Alkane: Str...	15.42	1.3	ug/L	33468	3	13.57	629046	25.0
(DEL) Alkane: Str...	15.72	4.2	ug/L	106580	3	13.57	629046	25.0
(DEL) Alkane: Cyc...	15.86	5.2	ug/L	129583	3	13.57	629046	25.0
unknown-03	15.90	3.7	ug/L	93199	3	13.57	629046	25.0
1-Octadecanesulph...	16.01	7.9	ug/L	198863	3	13.57	629046	25.0
unknown-04	16.05	2.5	ug/L	63610	3	13.57	629046	25.0
(DEL) Alkane: Cyc...	16.19	60.4	ug/L	1520170	3	13.57	629046	25.0
(DEL) Alkane: Cyc...	16.23	102.3	ug/L	2574640	3	13.57	629046	25.0
(DEL) Alkane: Cyc...	16.43	91.1	ug/L	2292870	3	13.57	629046	25.0
(DEL) Alkane: Str...	16.51	39.5	ug/L	994930	3	13.57	629046	25.0
(DEL) Alkane: Cyc...	16.61	3.8	ug/L	95661	3	13.57	629046	25.0
9H-Fluorene, 9,9-...	16.75	1.7	ug/L	43851	3	13.57	629046	25.0