

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009755.D
 Acq On : 06 Apr 2019 04:19
 Operator : SY/VA
 Sample : K2188-02RE
 Misc : 3.51G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF649RE

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\SOM2WLM040319S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.959	5	9	23	rVB3	15226	51160	2.60%	0.199%
2	2.172	36	44	50	rBV7	9252	27882	1.41%	0.109%
3	2.355	66	74	84	rVV	134162	314087	15.94%	1.223%
4	2.495	93	97	104	rVB2	7352	16056	0.81%	0.062%
5	2.891	154	162	178	rVB	95167	280624	14.24%	1.092%
6	3.019	178	183	184	rBV2	15250	18995	0.96%	0.074%
7	3.385	236	243	251	rVB3	25446	64182	3.26%	0.250%
8	3.830	310	316	322	rBV4	10864	27650	1.40%	0.108%
9	4.007	333	345	358	rBV	210463	711715	36.11%	2.770%
10	4.117	358	363	374	rVV2	25797	78075	3.96%	0.304%
11	4.373	394	405	417	rBV3	17216	61845	3.14%	0.241%
12	4.903	481	492	507	rBV4	30867	145781	7.40%	0.567%
13	5.428	567	578	584	rBV7	5170	17869	0.91%	0.070%
14	5.769	625	634	646	rVB7	5677	20572	1.04%	0.080%
15	5.934	650	661	670	rBV3	13605	43085	2.19%	0.168%
16	6.982	826	833	839	rVB6	6812	16782	0.85%	0.065%
17	7.074	839	848	858	rBV	49634	143578	7.29%	0.559%
18	7.171	858	864	874	rVB2	9811	28079	1.42%	0.109%
19	7.641	931	941	957	rVB	358890	890250	45.17%	3.465%
20	7.915	978	986	997	rBV5	16611	49901	2.53%	0.194%
21	8.275	1034	1045	1062	rBV2	657368	1970838	100.00%	7.671%
22	8.561	1087	1092	1103	rVB9	5177	14800	0.75%	0.058%
23	8.695	1105	1114	1124	rVB4	12917	33826	1.72%	0.132%
24	8.842	1124	1138	1154	rBV	564584	1135552	57.62%	4.420%
25	9.073	1167	1176	1191	rBV4	19192	47644	2.42%	0.185%
26	9.274	1197	1209	1224	rBV	441379	939581	47.67%	3.657%
27	9.409	1224	1231	1238	rVB4	8294	17896	0.91%	0.070%
28	10.030	1326	1333	1339	rVV	126476	230222	11.68%	0.896%
29	10.097	1339	1344	1354	rVB2	49231	93645	4.75%	0.365%
30	10.323	1372	1381	1388	rBV	794738	1387596	70.41%	5.401%
31	10.390	1388	1392	1398	rVB2	13317	24587	1.25%	0.096%
32	10.506	1404	1411	1417	rVB5	16829	37174	1.89%	0.145%
33	10.579	1417	1423	1431	rBV	81315	145345	7.37%	0.566%
34	10.847	1462	1467	1473	rVB5	10359	20691	1.05%	0.081%

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Integration Parameters: LSCINT.P

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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Title : VOC Analysis

35	10.927	1473	1480	1489	rBV	201182	351516	17.84%	1.368%
36	11.036	1493	1498	1500	rBV2	10494	16610	0.84%	0.065%
37	11.073	1500	1504	1508	rVV4	14744	26225	1.33%	0.102%
38	11.177	1517	1521	1525	rVB	16984	24902	1.26%	0.097%
39	11.225	1525	1529	1535	rVB3	22923	38592	1.96%	0.150%
40	11.341	1543	1548	1552	rBV6	10589	18403	0.93%	0.072%
41	11.414	1552	1560	1571	rVB4	25646	69992	3.55%	0.272%
42	11.512	1571	1576	1581	rBV2	21257	36350	1.84%	0.141%
43	11.628	1588	1595	1607	rBV	606788	1070867	54.34%	4.168%
44	11.731	1607	1612	1616	rBV2	35469	56951	2.89%	0.222%
45	11.841	1621	1630	1633	rBV5	35564	77077	3.91%	0.300%
46	12.036	1658	1662	1671	rVB5	13524	33279	1.69%	0.130%
47	12.164	1671	1683	1691	rBV3	81911	267172	13.56%	1.040%
48	12.249	1695	1697	1702	rVB	27709	37707	1.91%	0.147%
49	12.341	1702	1712	1717	rBV6	61728	200589	10.18%	0.781%
50	12.451	1723	1730	1733	rBV7	13726	34353	1.74%	0.134%
51	12.512	1735	1740	1741	rBV4	13127	20636	1.05%	0.080%
52	12.567	1747	1749	1753	rVB2	44588	52183	2.65%	0.203%
53	12.615	1753	1757	1760	rBV5	25110	39182	1.99%	0.153%
54	12.652	1760	1763	1765	rBV2	20771	25365	1.29%	0.099%
55	12.695	1765	1770	1778	rBV	254317	451183	22.89%	1.756%
56	12.780	1780	1784	1791	rVB4	104564	203295	10.32%	0.791%
57	12.865	1791	1798	1801	rBV7	52690	119942	6.09%	0.467%
58	12.932	1804	1809	1816	rBV3	216591	394285	20.01%	1.535%
59	12.993	1816	1819	1824	rVB4	34742	48675	2.47%	0.189%
60	13.079	1830	1833	1837	rBV4	73972	126869	6.44%	0.494%
61	13.127	1838	1841	1844	rBV3	26812	30761	1.56%	0.120%
62	13.170	1844	1848	1855	rVB3	162529	244957	12.43%	0.953%
63	13.255	1858	1862	1865	rVB2	52533	69751	3.54%	0.272%
64	13.292	1865	1868	1872	rVB	64536	79228	4.02%	0.308%
65	13.341	1873	1876	1879	rBV4	32314	47165	2.39%	0.184%
66	13.383	1880	1883	1886	rVB3	45109	54862	2.78%	0.214%
67	13.451	1888	1894	1897	rBV3	123181	217307	11.03%	0.846%
68	13.493	1897	1901	1908	rBV3	148226	279204	14.17%	1.087%
69	13.560	1908	1912	1915	rBV2	345689	578424	29.35%	2.251%
70	13.627	1920	1923	1930	rVB3	101686	143904	7.30%	0.560%
71	13.694	1931	1934	1940	rVV7	38529	74051	3.76%	0.288%

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72	13.798	1947	1951	1954	rBV2	38487	65534	3.33%	0.255%
73	13.877	1955	1964	1969	rBV3	836338	1646315	83.53%	6.408%
74	13.926	1969	1972	1973	rBV	23991	26326	1.34%	0.102%
75	13.950	1974	1976	1979	rVB	65338	63175	3.21%	0.246%
76	14.017	1979	1987	1989	rBV5	146000	283077	14.36%	1.102%
77	14.097	1996	2000	2004	rVB2	204138	295697	15.00%	1.151%
78	14.200	2012	2017	2022	rBV3	344705	607377	30.82%	2.364%
79	14.261	2022	2027	2034	rBV6	228188	504080	25.58%	1.962%
80	14.347	2034	2041	2045	rBV6	225471	451521	22.91%	1.758%
81	14.395	2045	2049	2051	rVV2	255918	432866	21.96%	1.685%
82	14.426	2051	2054	2057	rVV3	354302	585756	29.72%	2.280%
83	14.463	2057	2060	2063	rVB	289153	387172	19.65%	1.507%
84	14.505	2063	2067	2070	rBV2	215199	292930	14.86%	1.140%
85	14.548	2070	2074	2076	rBV3	69701	92216	4.68%	0.359%
86	14.731	2094	2104	2109	rBV3	429818	730762	37.08%	2.844%
87	14.792	2109	2114	2120	rBV2	376909	793910	40.28%	3.090%
88	14.847	2121	2123	2130	rVB2	155451	286493	14.54%	1.115%
89	14.962	2139	2142	2146	rBV2	35827	65860	3.34%	0.256%
90	15.072	2155	2160	2168	rBV4	155564	396204	20.10%	1.542%
91	15.176	2173	2177	2186	rVB4	129839	268809	13.64%	1.046%
92	15.255	2186	2190	2197	rVB5	97168	220956	11.21%	0.860%
93	15.334	2197	2203	2207	rBV2	291703	537076	27.25%	2.091%
94	15.560	2237	2240	2249	rVB4	169515	318674	16.17%	1.240%
95	15.664	2250	2257	2263	rBV7	81913	237235	12.04%	0.923%
96	15.737	2265	2269	2277	rBV4	127170	260044	13.19%	1.012%
97	16.017	2311	2315	2322	rBV7	51686	135147	6.86%	0.526%
98	16.170	2333	2340	2345	rBV8	89528	244233	12.39%	0.951%
99	16.298	2356	2361	2367	rVB	155151	262835	13.34%	1.023%
100	16.639	2412	2417	2431	rVB9	120279	429233	21.78%	1.671%

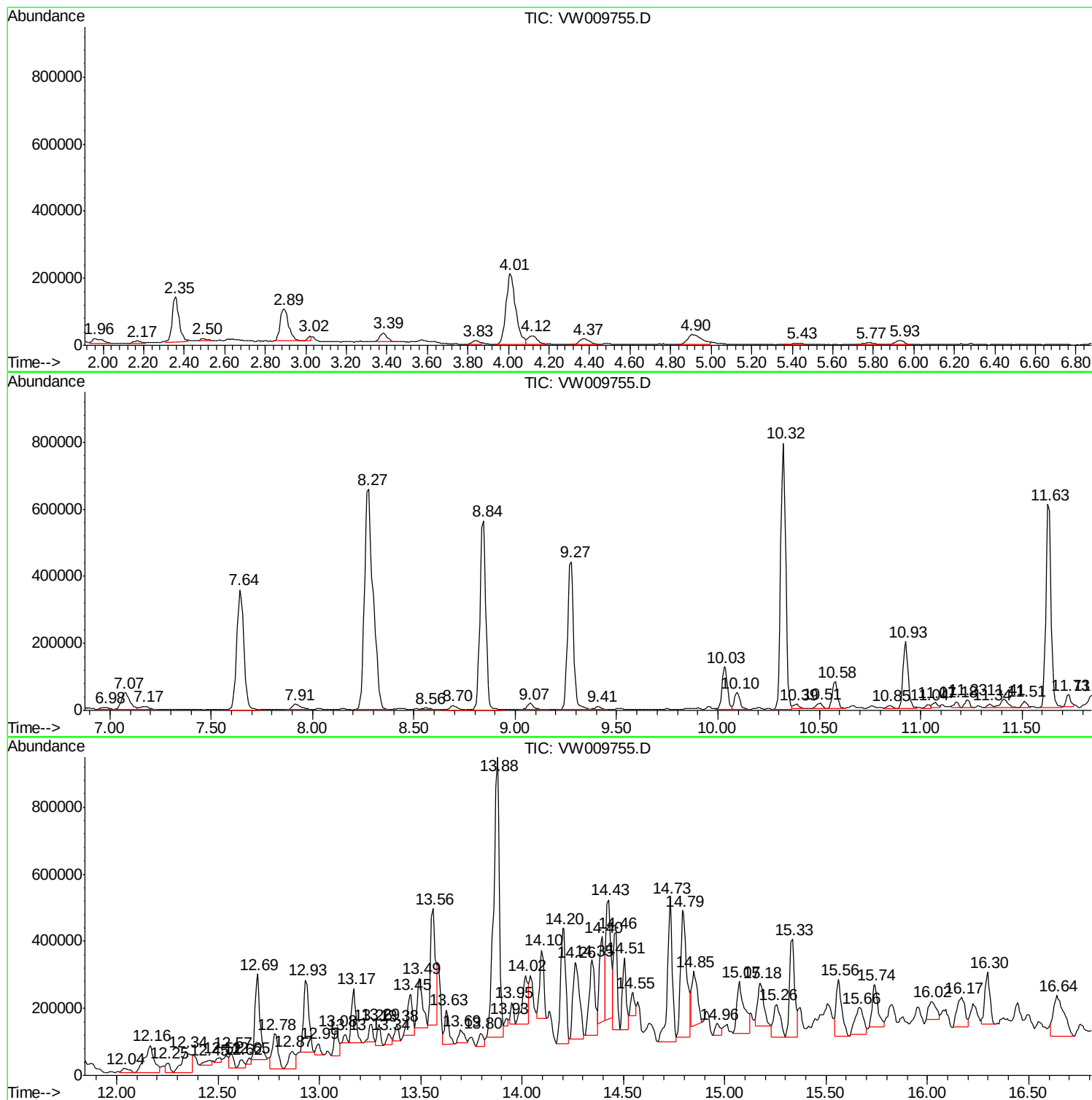
Sum of corrected areas: 25690892

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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



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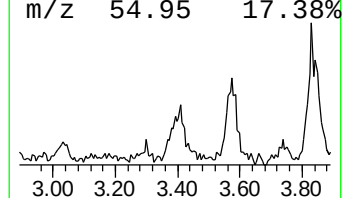
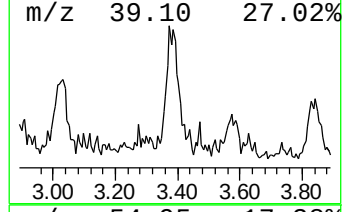
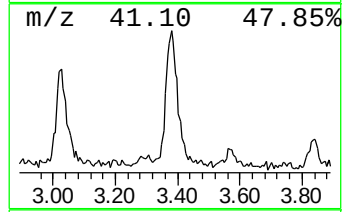
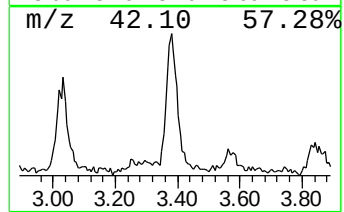
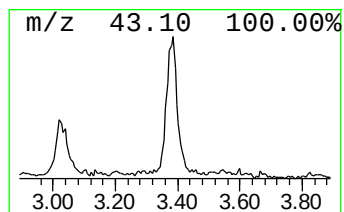
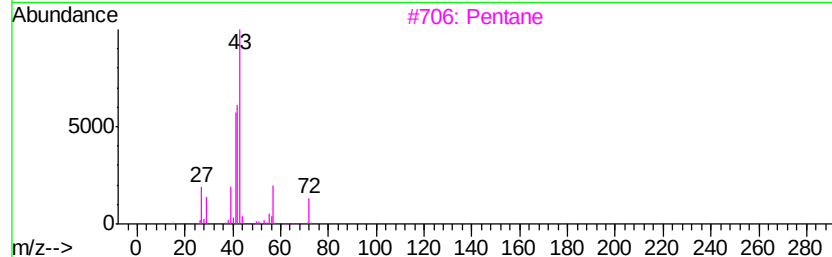
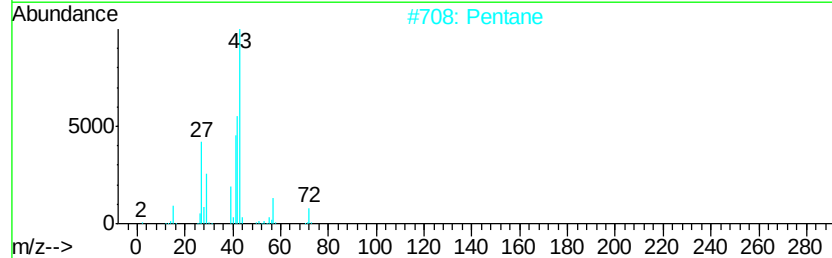
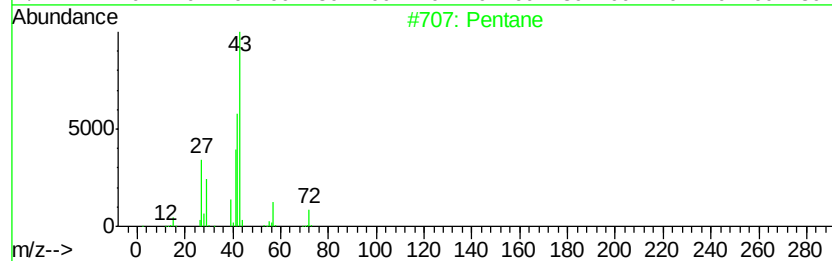
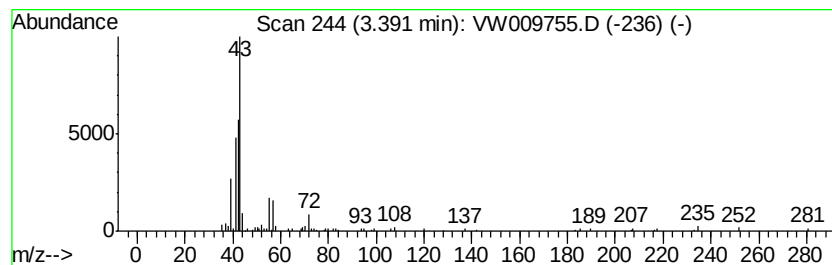
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	1.41 ug/L	64182	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	72
2		Pentane	72	C5H12	000109-66-0	72
3		Pentane	72	C5H12	000109-66-0	58
4		Oxirane, ethyl-	72	C4H8O	000106-88-7	47
5		Oxirane, ethyl-	72	C4H8O	000106-88-7	47



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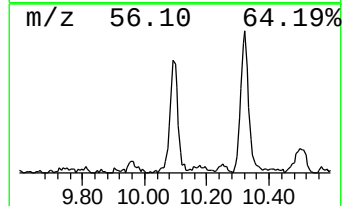
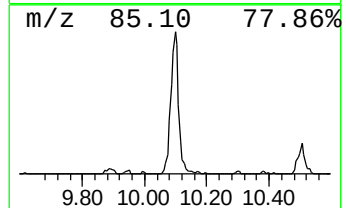
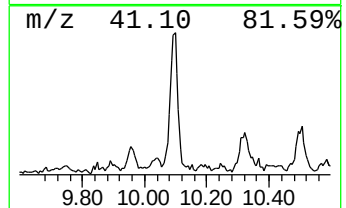
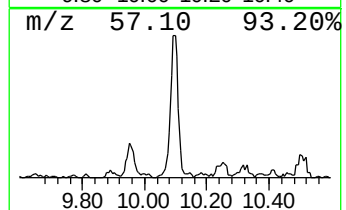
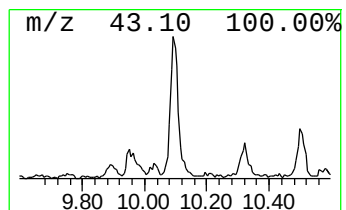
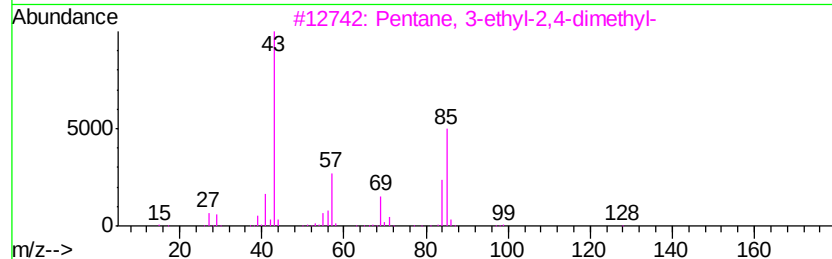
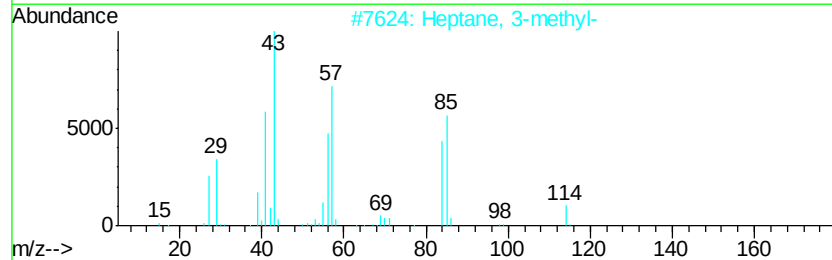
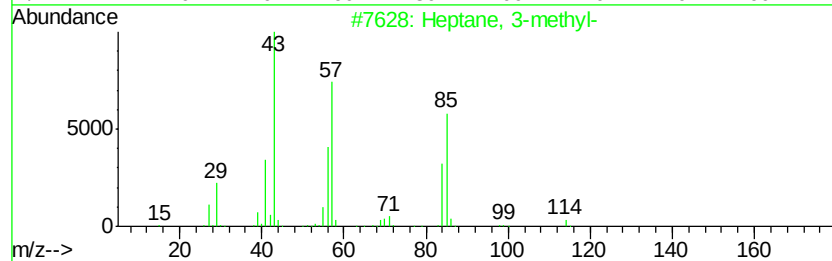
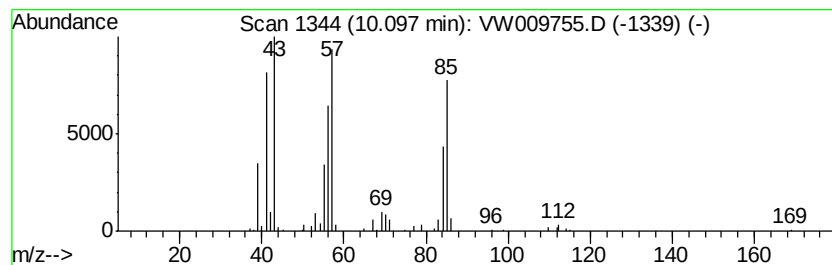
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	2.06 ug/L	93645	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2		Heptane, 3-methyl-	114	C8H18	000589-81-1	83
3		Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	59
4		Heptane, 4-ethyl-	128	C9H20	002216-32-2	50
5		Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	50



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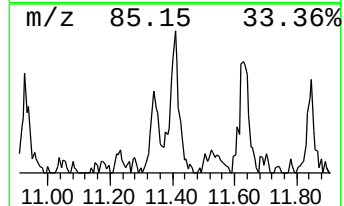
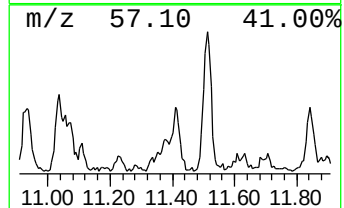
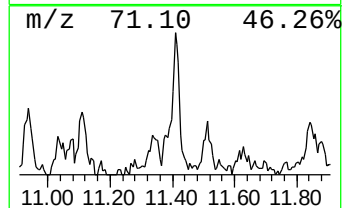
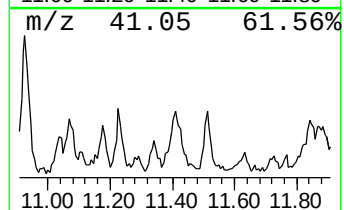
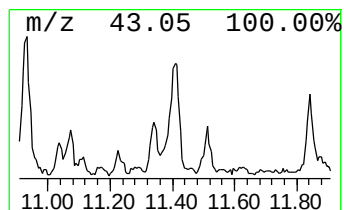
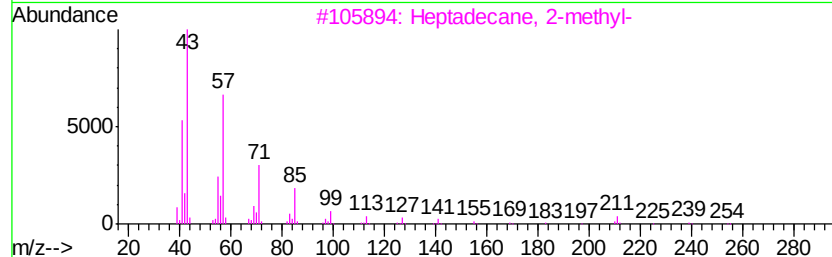
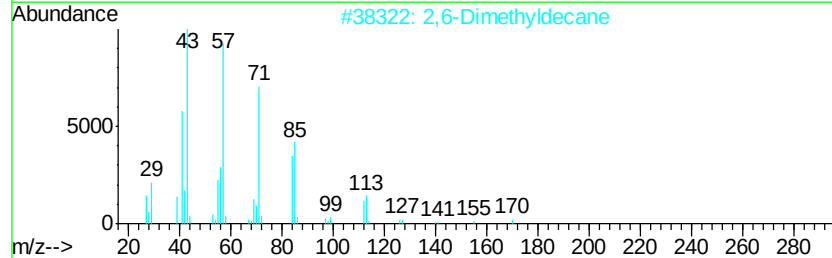
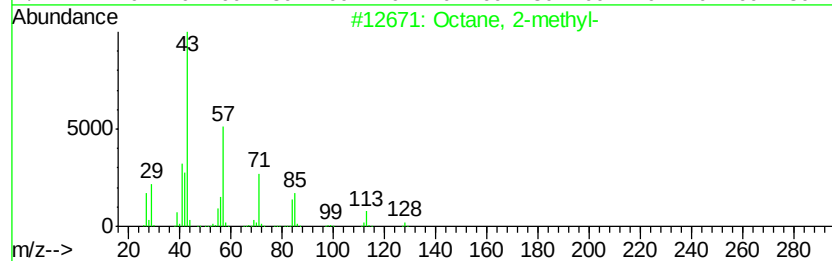
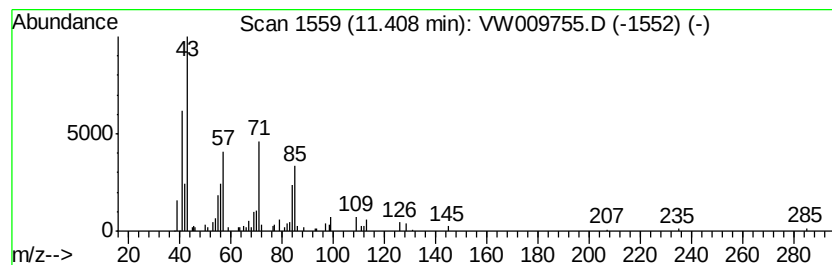
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Octane, 2-methyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.41	1.63 ug/L	69992	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	72
2	2,6-Dimethyldecane	170	C12H26	013150-81-7	64
3	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	53
4	Octane, 2-methyl-	128	C9H20	003221-61-2	53
5	Decane	142	C10H22	000124-18-5	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

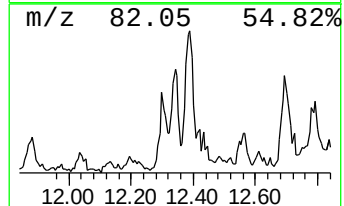
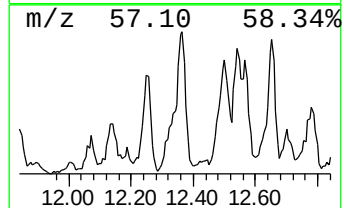
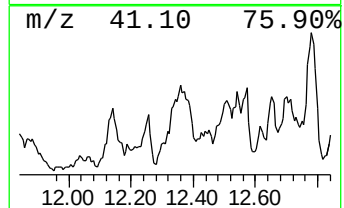
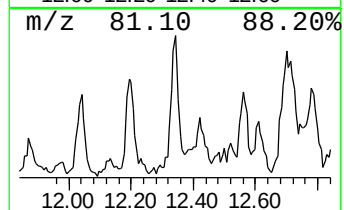
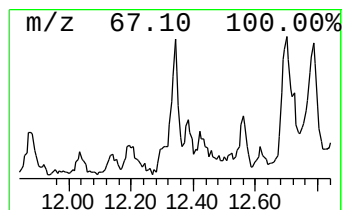
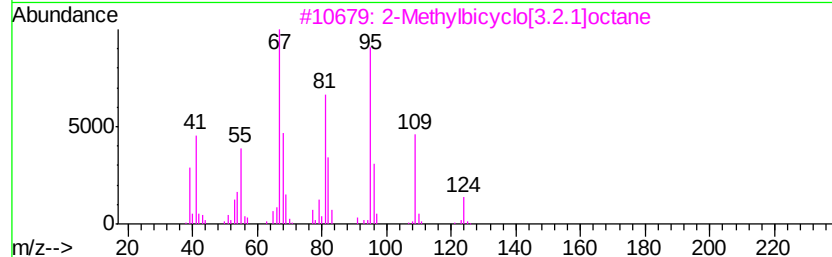
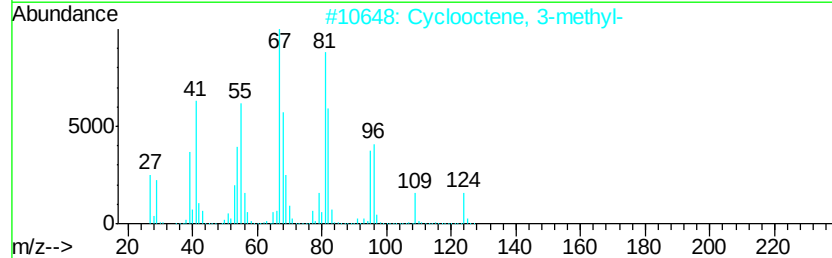
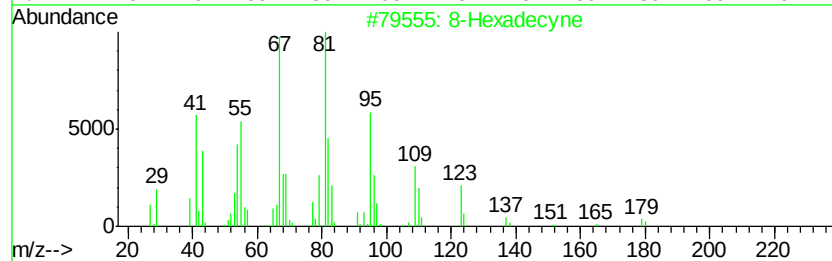
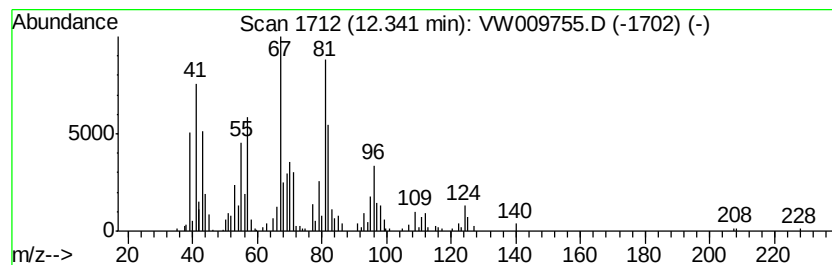
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 5 8-Hexadecyne Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.34	4.68 ug/L	200589	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Hexadecyne	222	C16H30	019781-86-3	86
2	Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	80
3	2-Methylbicyclo[3.2.1]octane	124	C9H16	1000215-28-0	64
4	7-Methyl-8-oxabicyclo[4.3.0]nonane	140	C9H16O	1000216-87-6	64
5	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

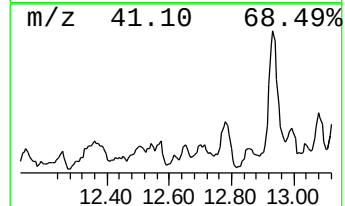
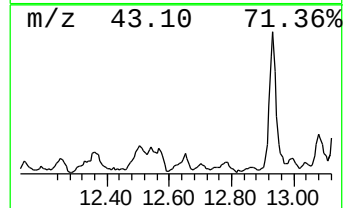
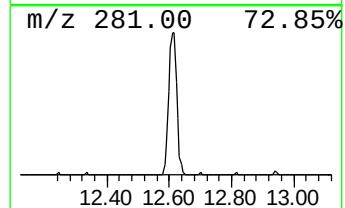
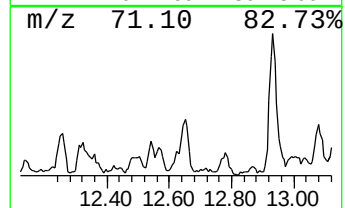
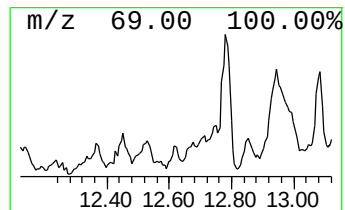
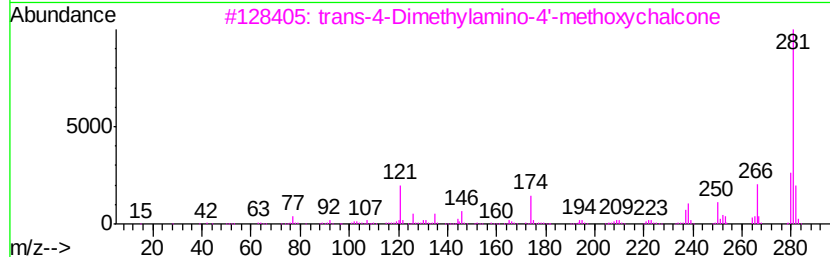
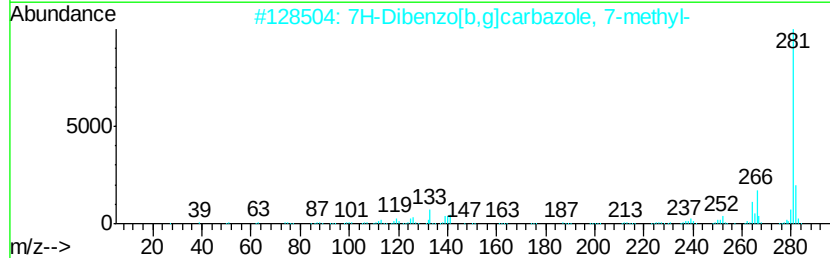
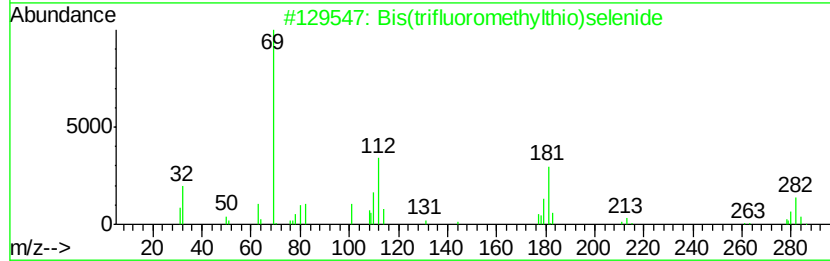
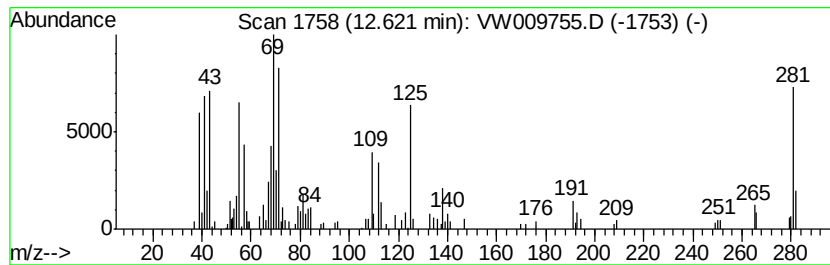
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 6 unknown-01 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.62	1.69 ug/L	39182	1,4-Dichlorobenzene-d4		13.56
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(trifluoromethylthio)selenide	282	C2F6S2Se	153204-89-8	27
2	7H-Dibenzo[b,g]carbazole, 7-methyl-	281	C21H15N	003557-49-1	25
3	trans-4-Dimethylamino-4'-methoxyv...	281	C18H19NO2	052119-37-6	25
4	4-Nonene, 2,3,3-trimethyl-, (E)-	168	C12H24	063830-67-1	22
5	trans-3,4-Dimethylcyclopentanone	112	C7H12O	019550-73-3	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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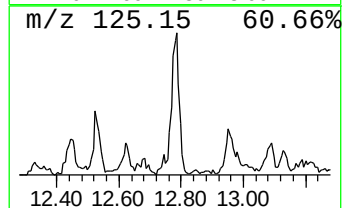
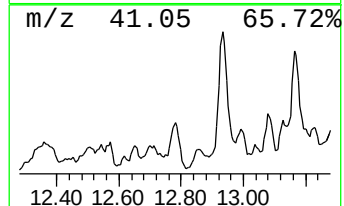
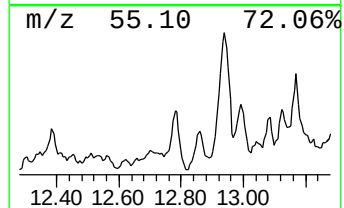
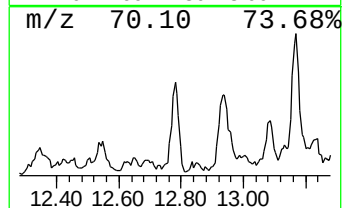
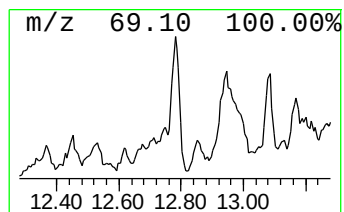
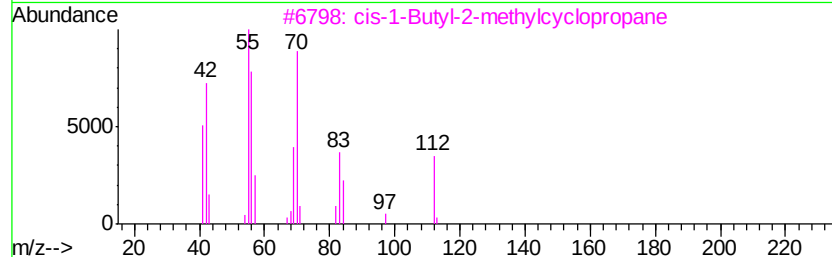
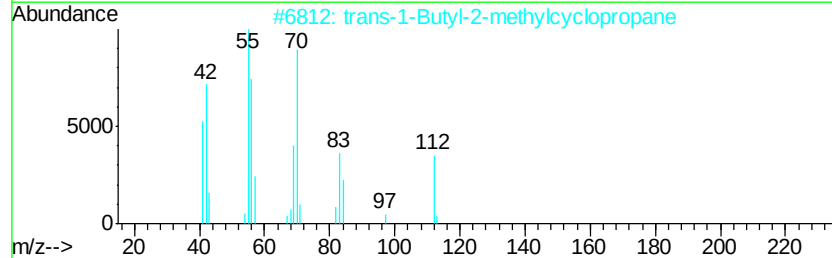
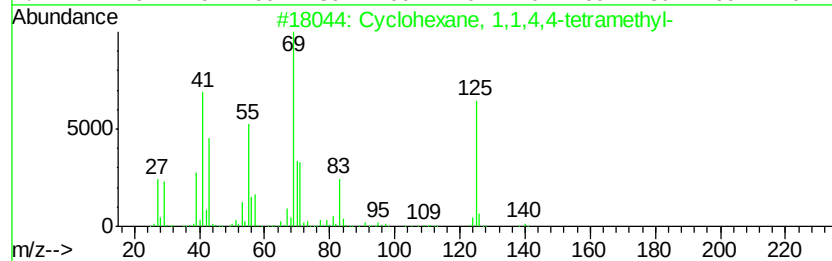
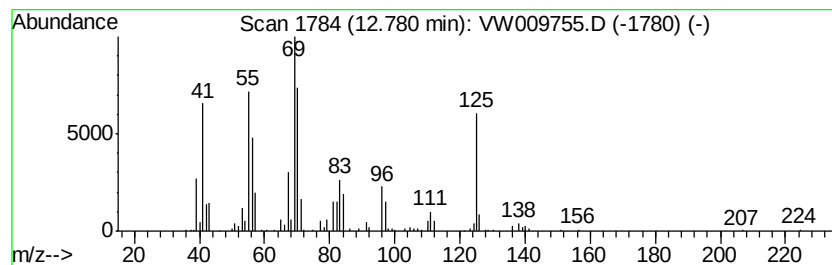
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Cyclic12.78 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	8.79 ug/L	203295	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	50
2		trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	43
3		cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	43
4		Cyclopropane, 1-butyl-2-pentyl-,...	168	C12H24	074663-87-9	35
5		Cyclopropane, 1-hexyl-2-propyl-,...	168	C12H24	074630-58-3	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

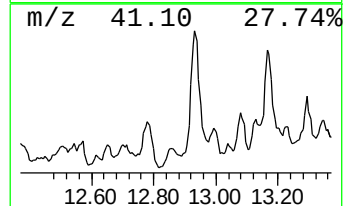
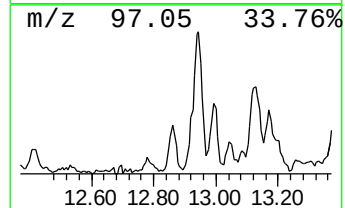
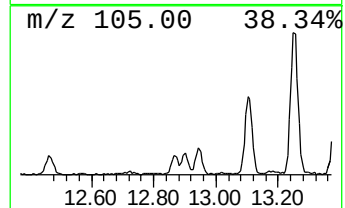
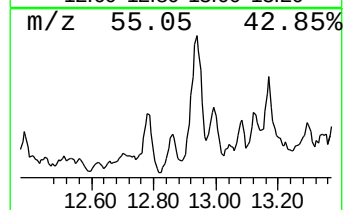
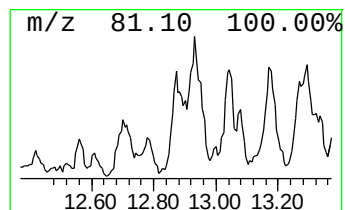
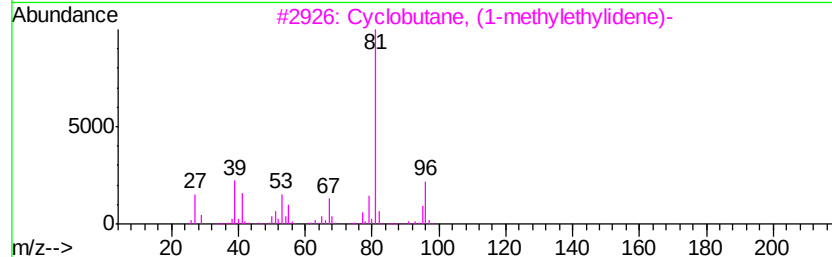
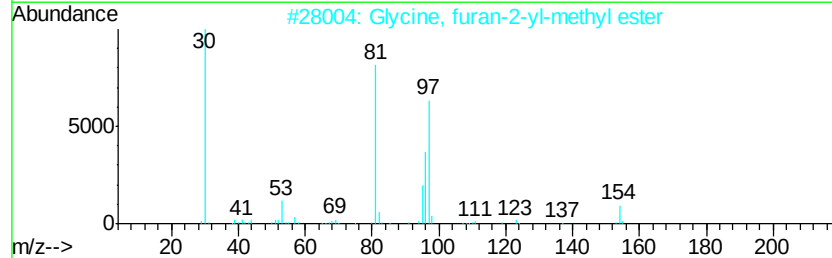
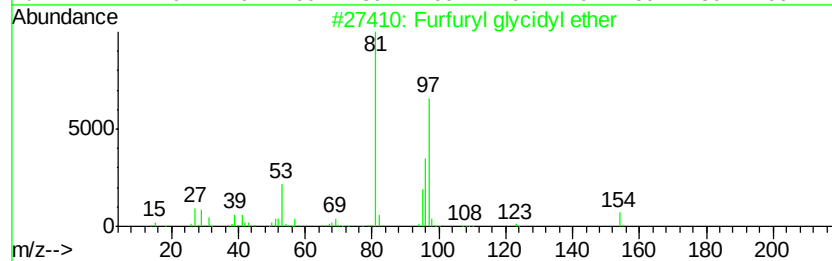
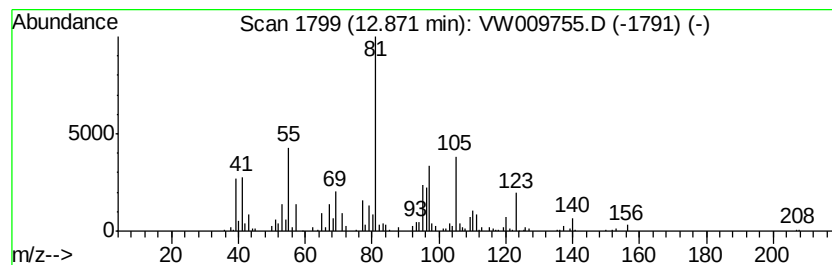
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 8 Furfuryl glycidyl ether Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	5.18 ug/L	119942	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Furfuryl glycidyl ether	154 C8H10O3	005380-87-0 59
2		Glycine, furan-2-yl-methyl ester	155 C7H9NO3	1000306-78-7 59
3		Cyclobutane, (1-methylethylidene)-	96 C7H12	001528-22-9 46
4		Cyclohexene, 3-methyl-	96 C7H12	000591-48-0 43
5		Furan, 2-ethyl-	96 C6H8O	003208-16-0 43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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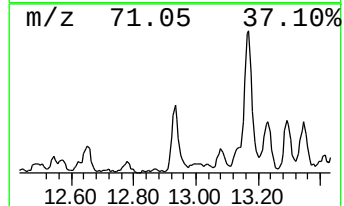
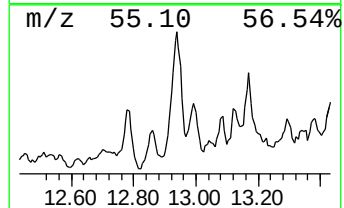
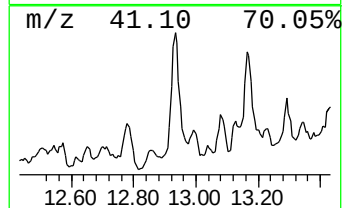
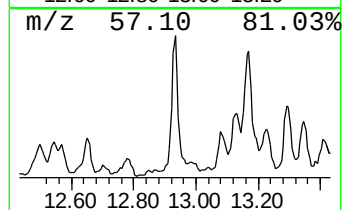
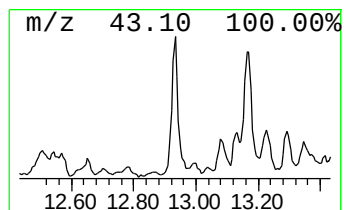
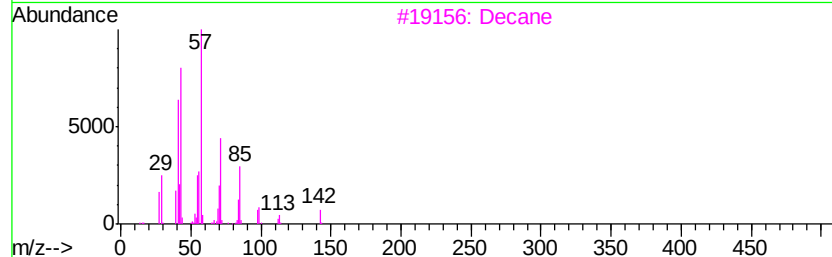
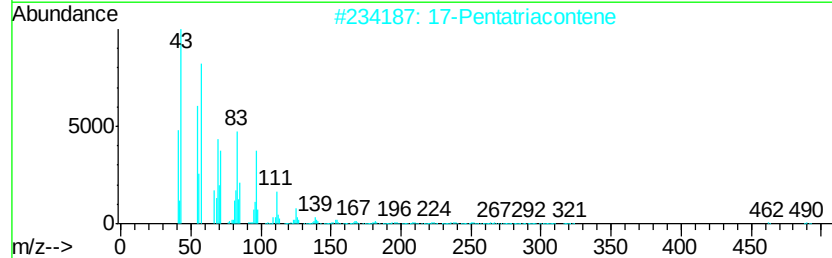
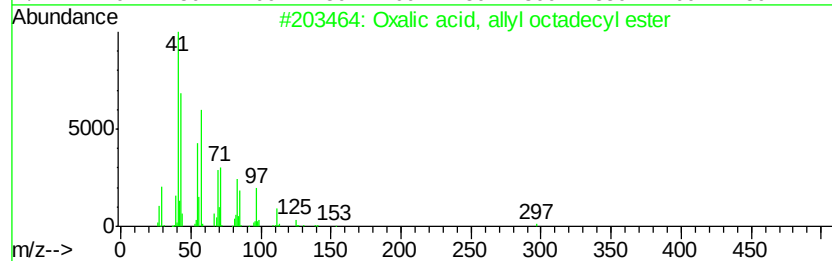
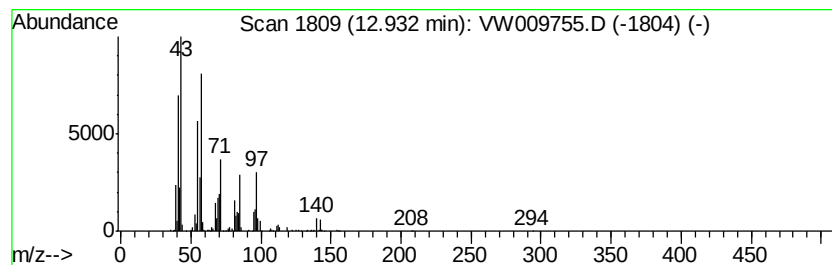
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Quant Title : VOC Analysis

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

Peak Number 9 Oxalic acid, allyl octadecyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	17.04 ug/L	394285	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	72
2		17-Pentatriacontene	491	C35H70	006971-40-0	72
3		Decane	142	C10H22	000124-18-5	70
4		Decane	142	C10H22	000124-18-5	64
5		Decane	142	C10H22	000124-18-5	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

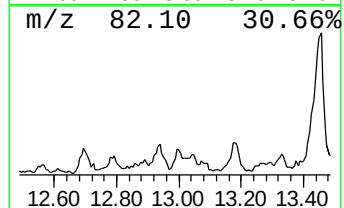
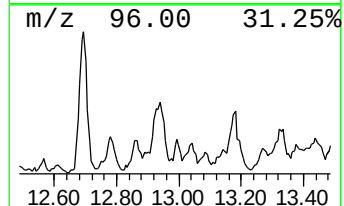
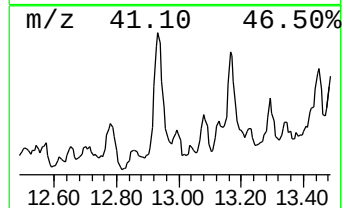
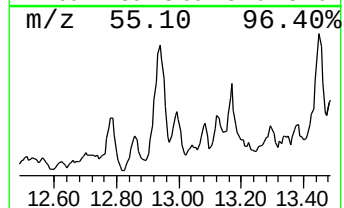
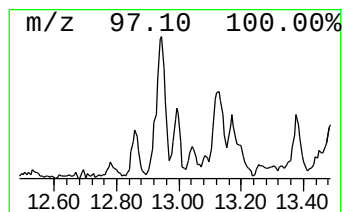
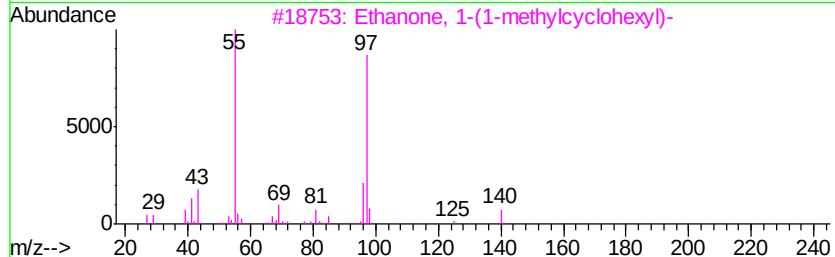
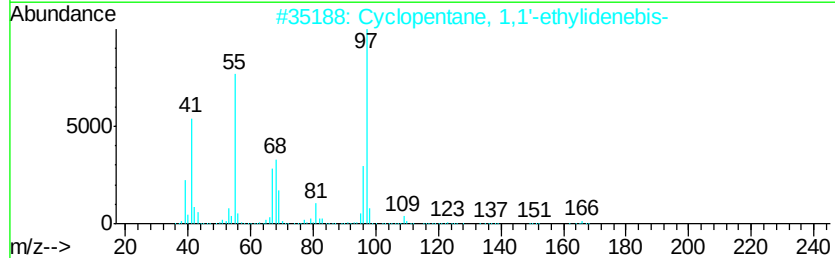
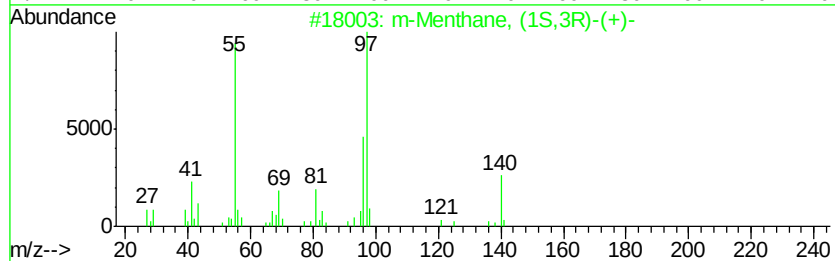
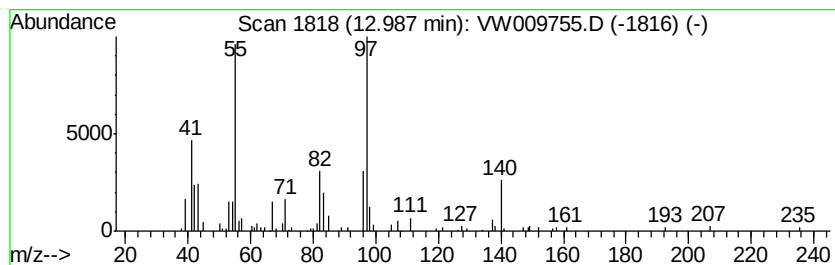
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Cyclic12.99 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.99	2.10 ug/L	48675	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	52
2	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	50
3	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	50
4	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	43
5	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF649RE

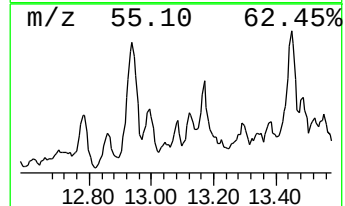
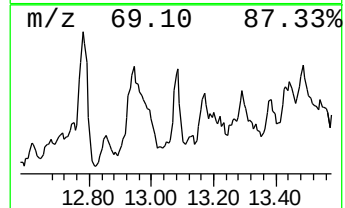
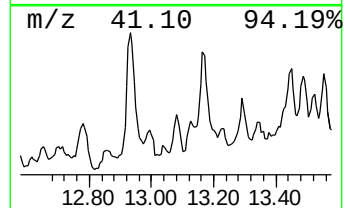
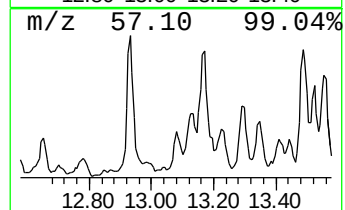
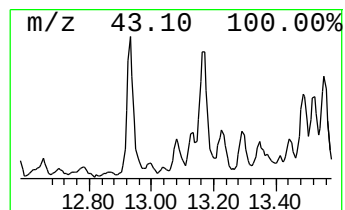
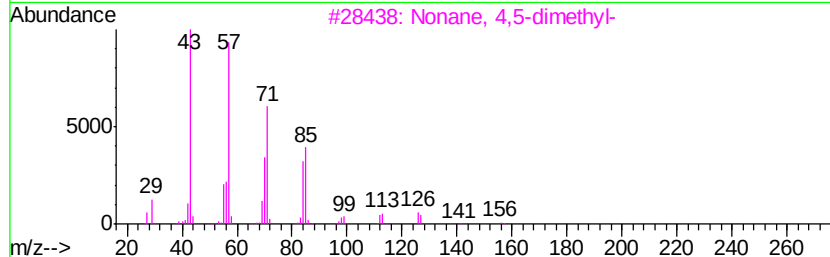
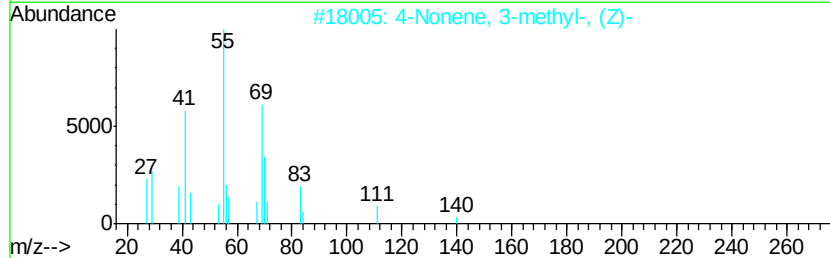
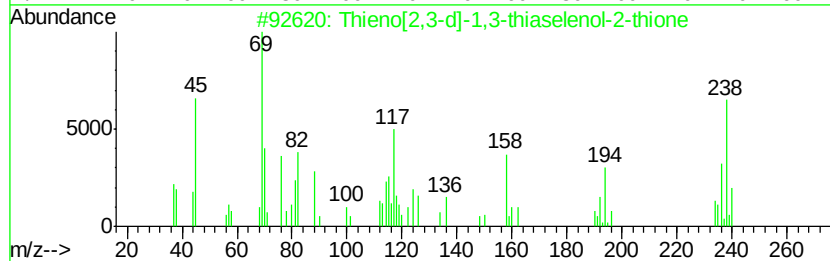
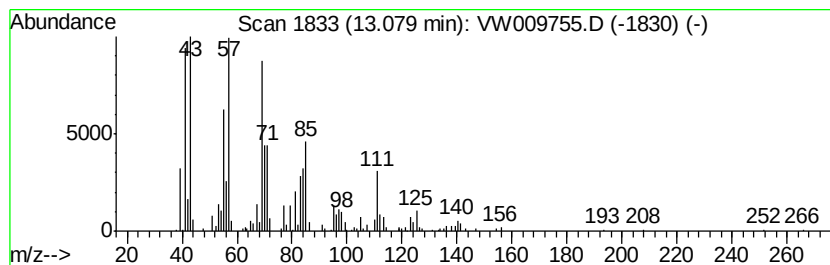
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Quant Title : VOC Analysis

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

Peak Number 11 Thieno[2,3-d]-1,3-thiaselen... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	5.48 ug/L	126869	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thieno[2,3-d]-1,3-thiaselenol-2-...	238	C5H2S3Se	081803-09-0	83
2		4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	43
3		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	42
4		Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	42
5		2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF649RE

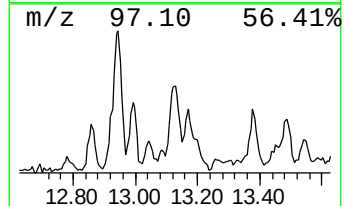
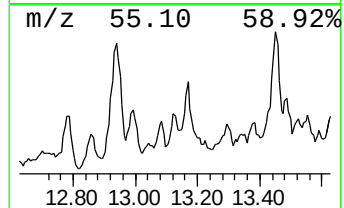
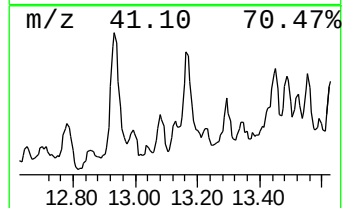
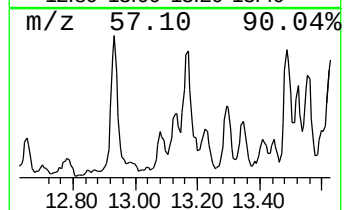
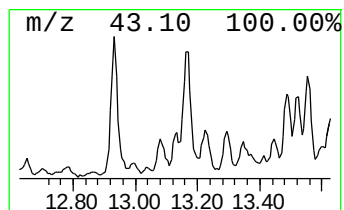
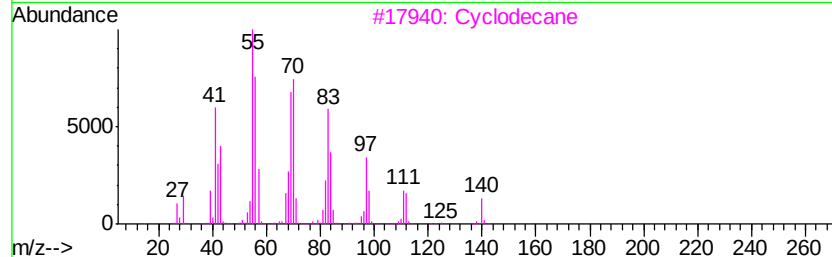
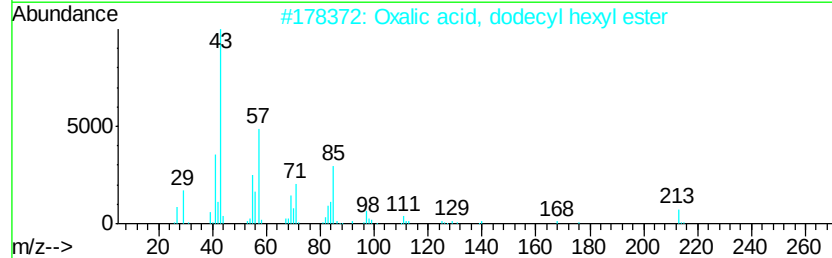
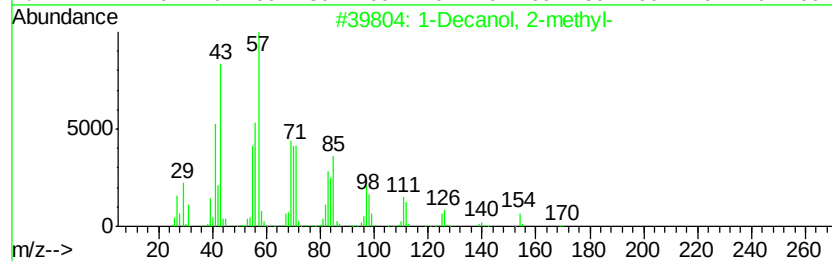
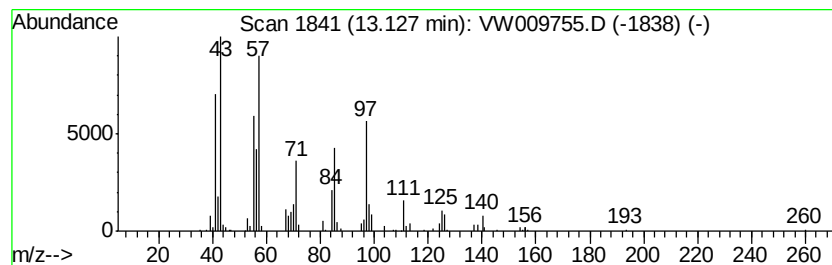
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Quant Title : VOC Analysis

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

Peak Number 12 1-Decanol, 2-methyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	1.33 ug/L	30761	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decanol, 2-methyl-	172	C11H24O	018675-24-6	72
2		Oxalic acid, dodecyl hexyl ester	342	C20H38O4	1000309-24-6	43
3		Cyclodecane	140	C10H20	000293-96-9	41
4		Decane, 5-methyl-	156	C11H24	013151-35-4	41
5		Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	41



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF649RE

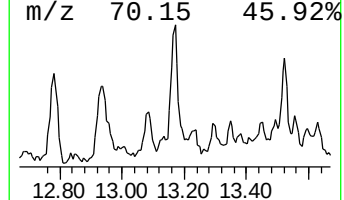
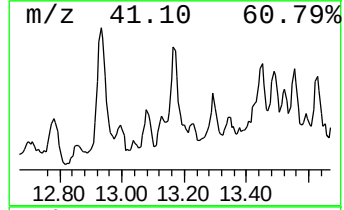
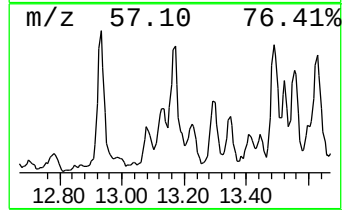
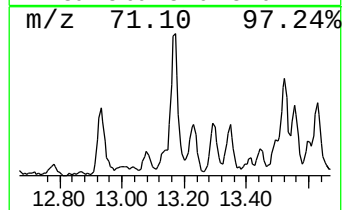
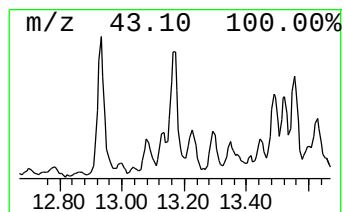
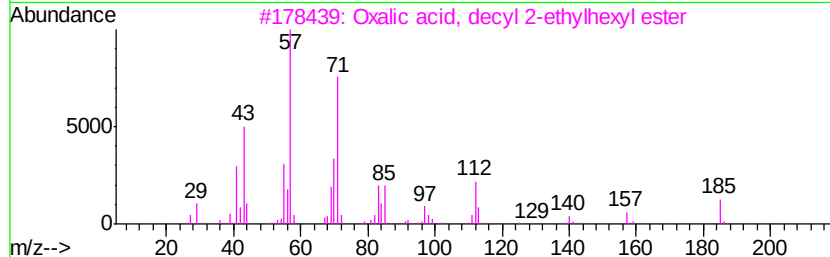
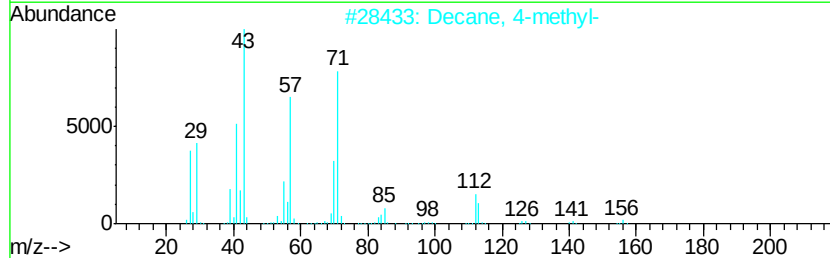
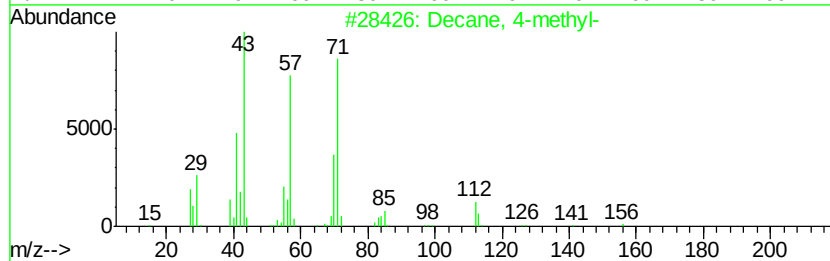
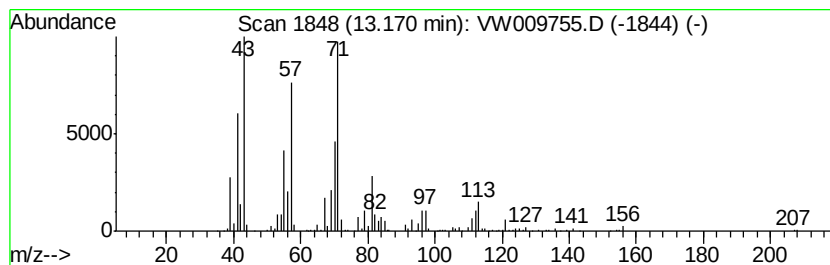
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	10.59 ug/L	244957	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	64
2		Decane, 4-methyl-	156	C11H24	002847-72-5	64
3		Oxalic acid, decyl 2-ethylhexyl ...	342	C20H38O4	1000309-39-3	59
4		2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	52
5		Sulfurous acid, pentyl tetradecy...	348	C19H40O3S	1000309-14-7	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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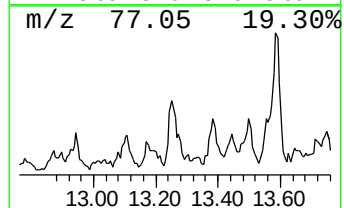
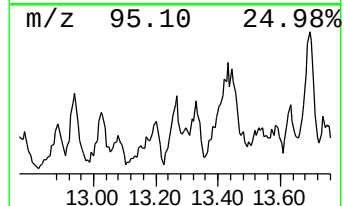
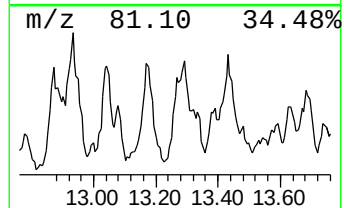
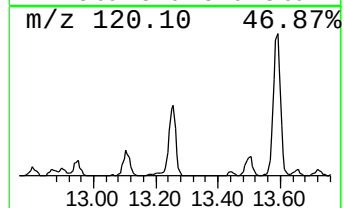
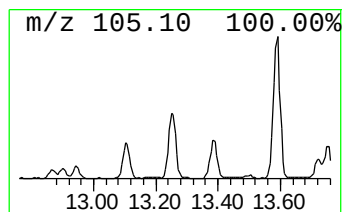
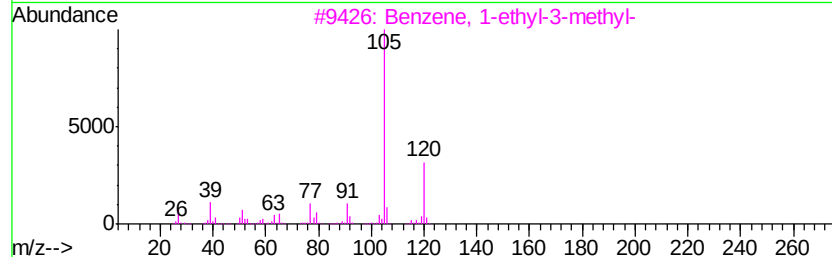
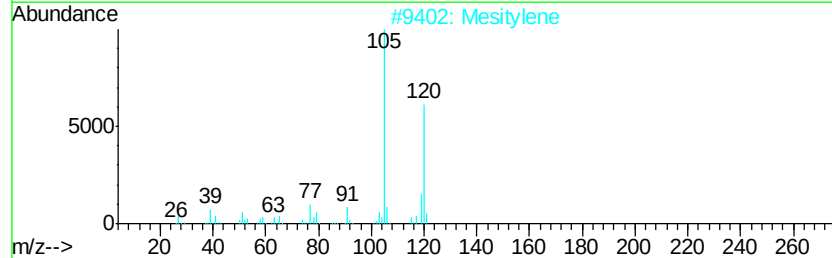
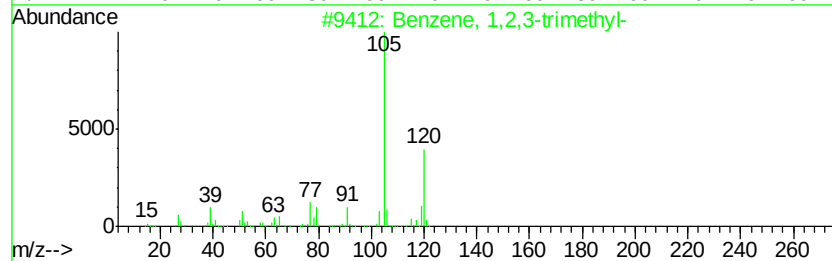
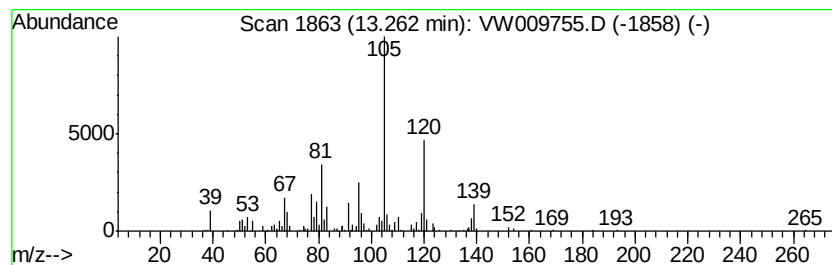
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Quant Title : VOC Analysis

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

Peak Number 14 Benzene, 1,2,3-trimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	3.01 ug/L	69751	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2		Mesitylene	120	C9H12	000108-67-8	76
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	76
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	76
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF649RE

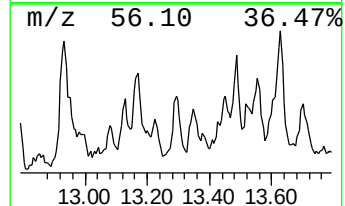
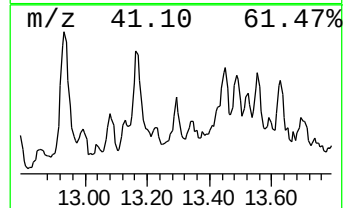
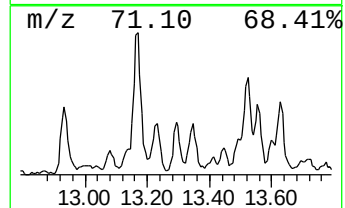
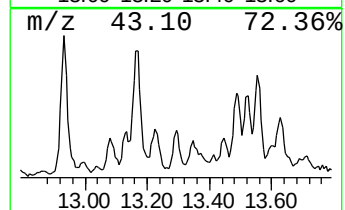
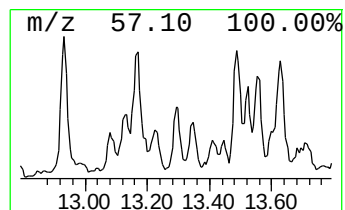
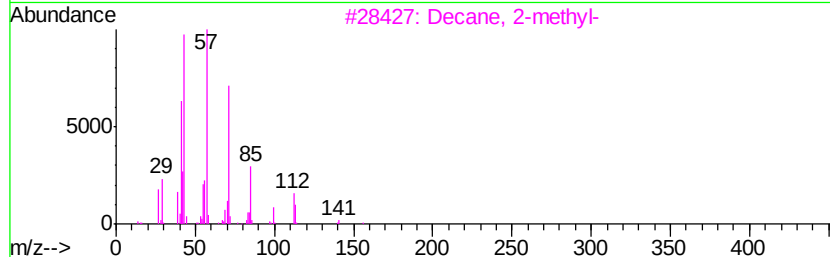
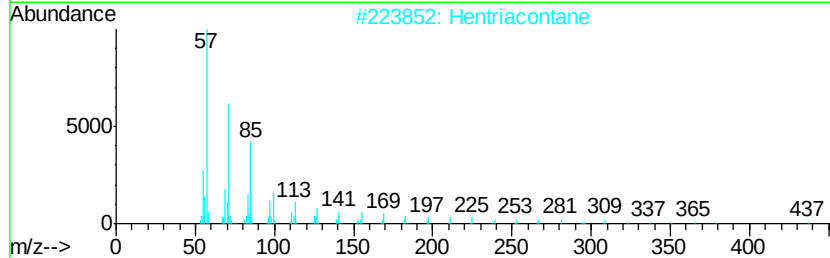
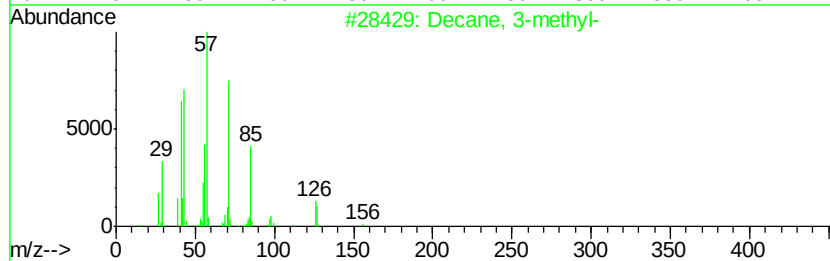
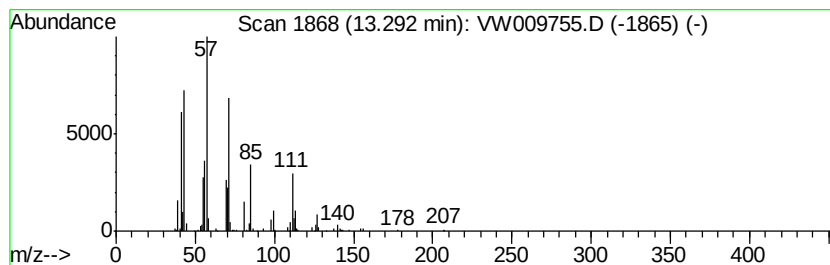
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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	3.42 ug/L	79228	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	64
2			Hentriacontane	437	C31H64	000630-04-6	59
3			Decane, 2-methyl-	156	C11H24	006975-98-0	58
4			Octane, 2-methyl-	128	C9H20	003221-61-2	52
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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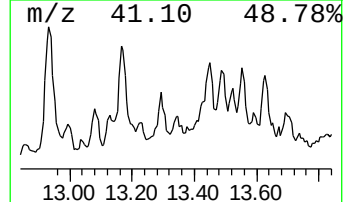
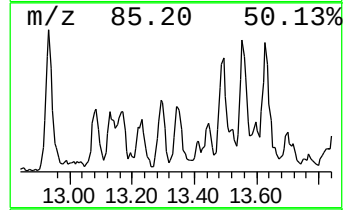
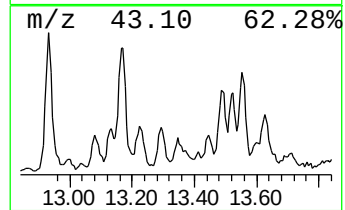
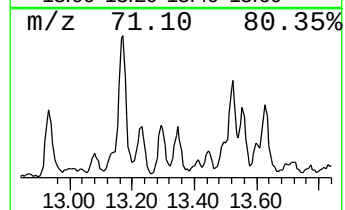
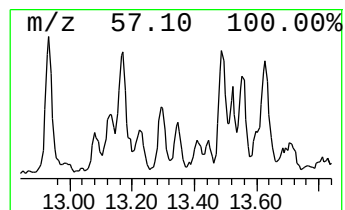
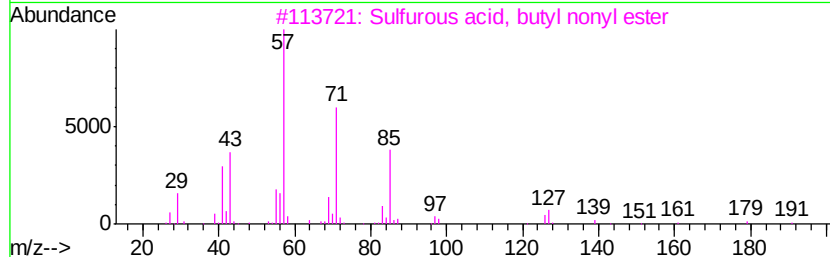
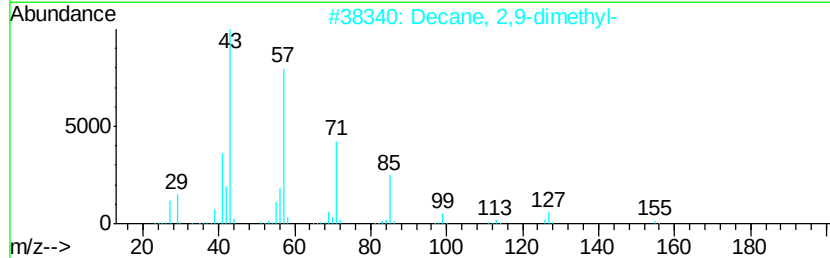
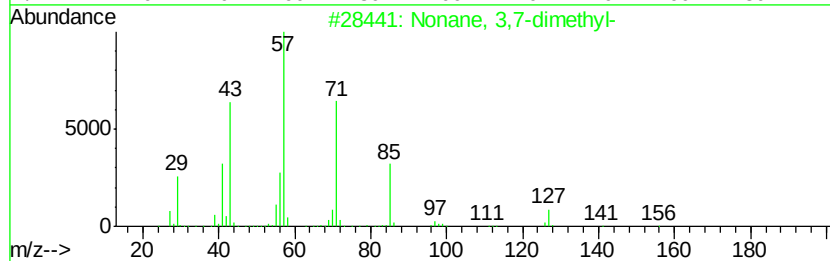
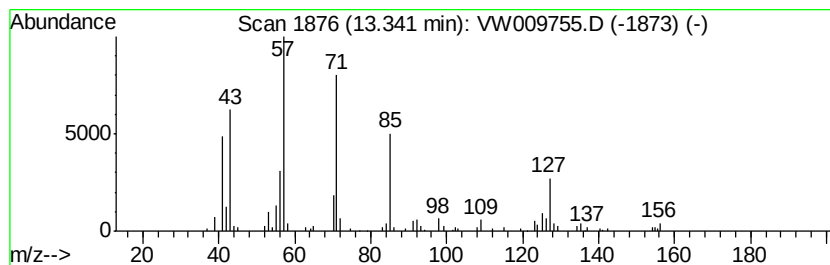
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	2.04 ug/L	47165	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
2		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64
3		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	53
5		Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
BF649RE

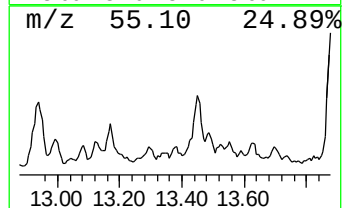
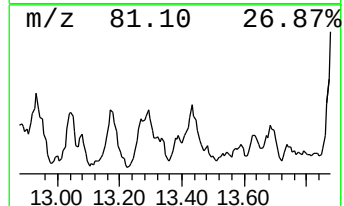
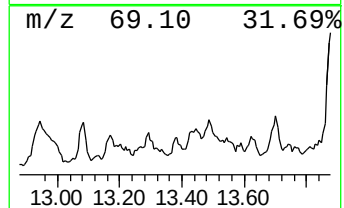
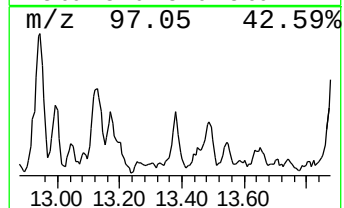
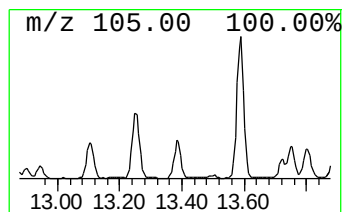
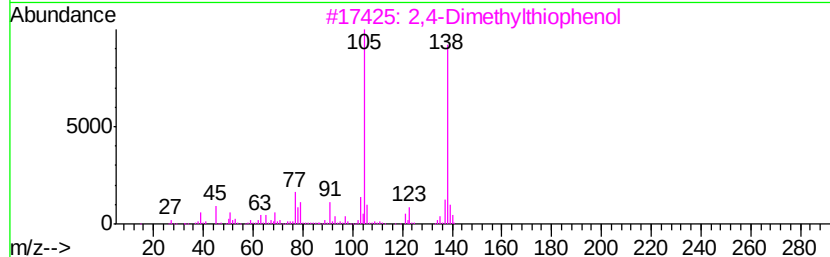
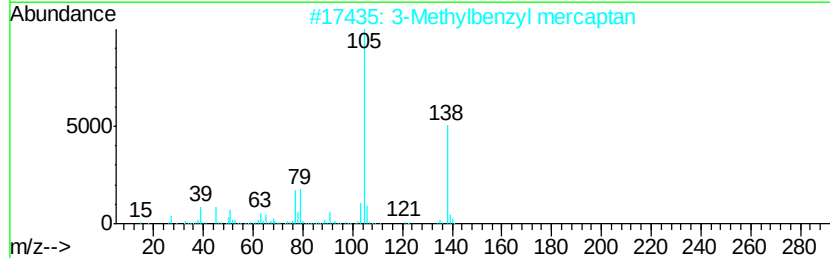
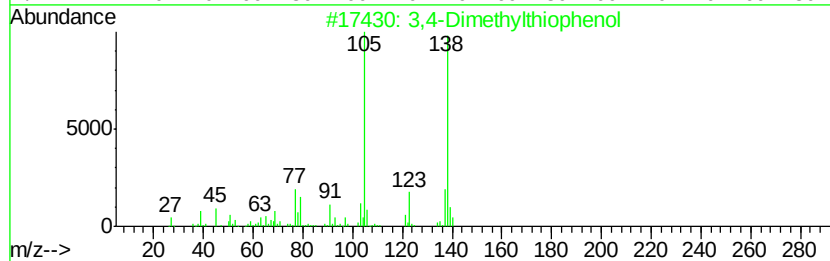
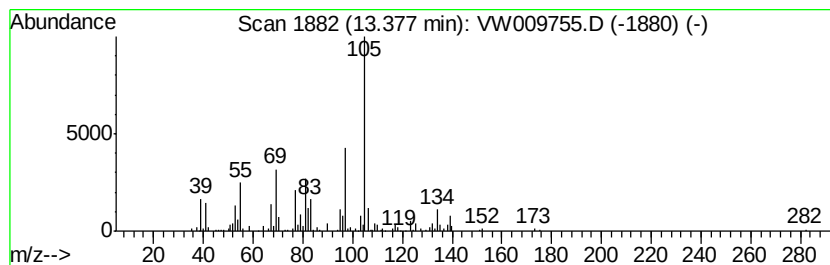
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Quant Title : VOC Analysis

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

Peak Number 17 unknown-02 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	2.37 ug/L	54862	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	38
2		3-Methylbenzyl mercaptan	138	C8H10S	025697-56-7	38
3		2,4-Dimethylthiophenol	138	C8H10S	013616-82-5	38
4		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	35
5		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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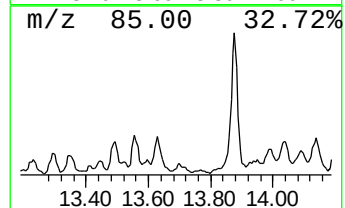
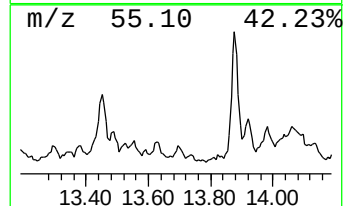
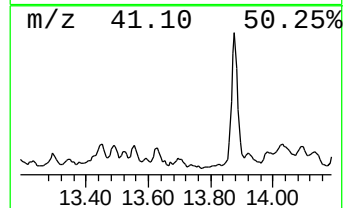
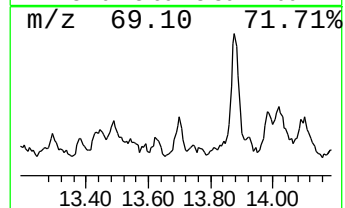
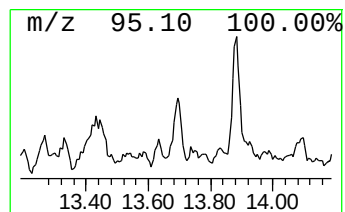
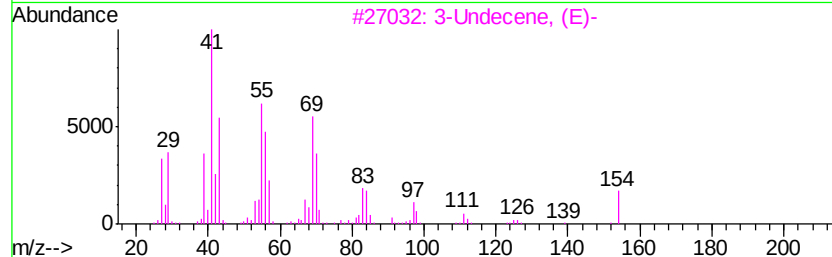
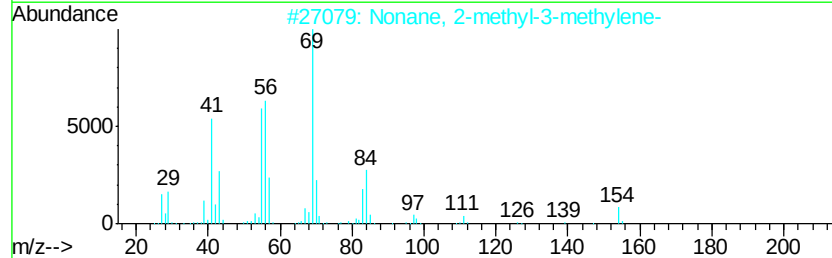
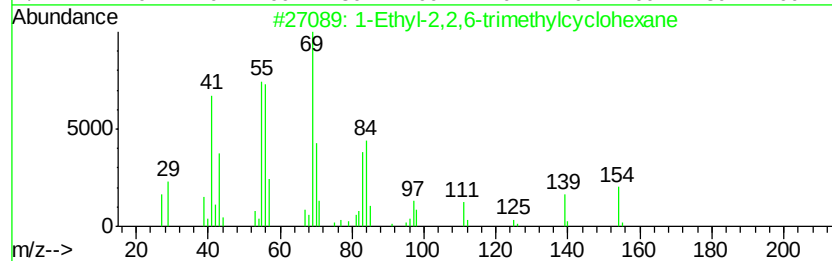
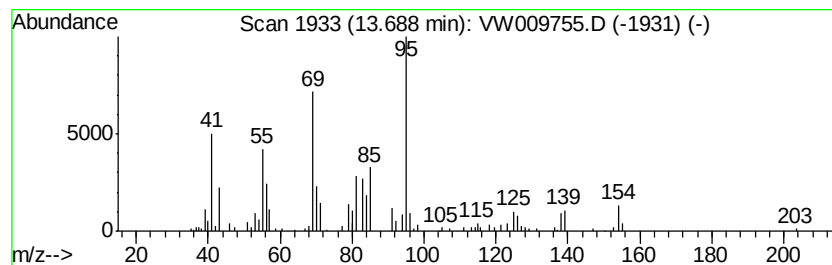
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Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Cyclic13.69 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	3.20 ug/L	74051	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	53
2			Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	46
3			3-Undecene, (E)-	154	C11H22	001002-68-2	46
4			2-Methyl-2-octene	126	C9H18	016993-86-5	38
5			1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
BF649RE

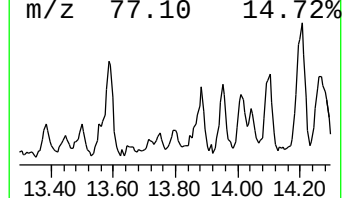
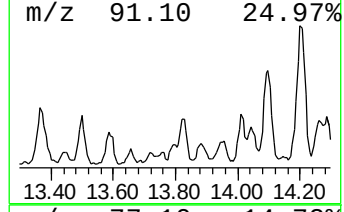
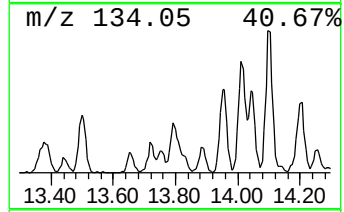
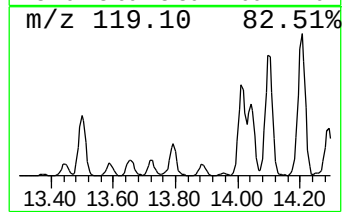
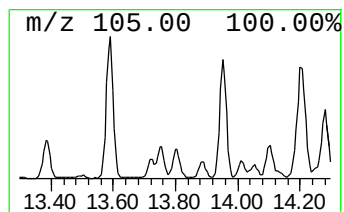
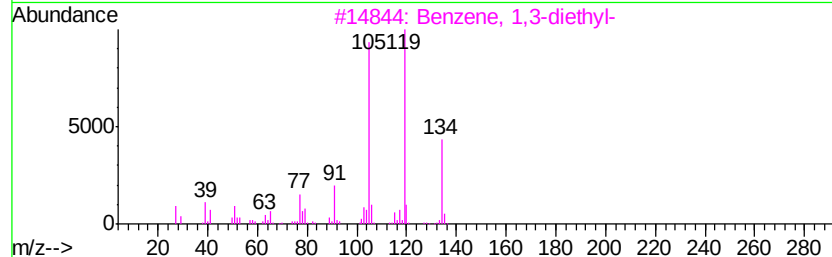
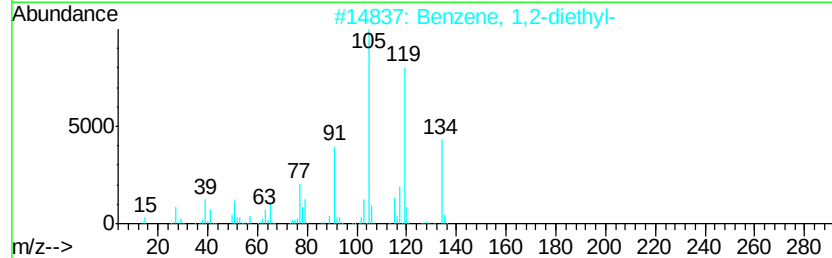
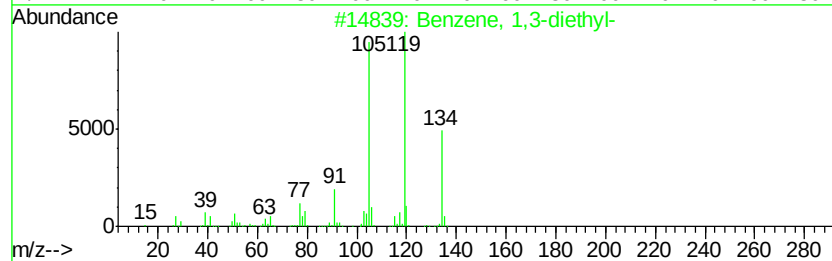
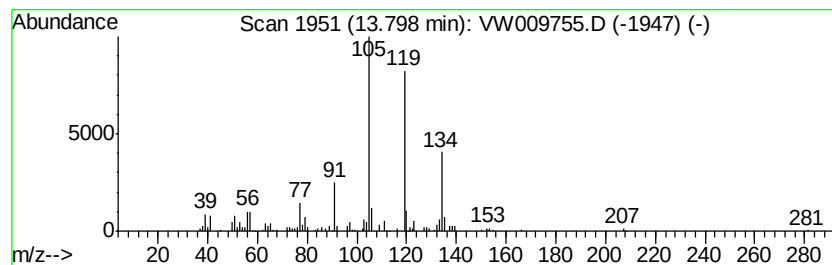
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Quant Title : VOC Analysis

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

Peak Number 19 Benzene, 1,3-diethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	2.83 ug/L	65534	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	86
5		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF649RE

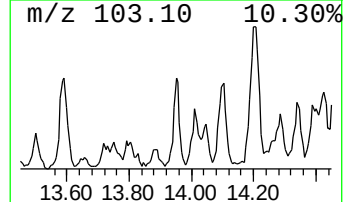
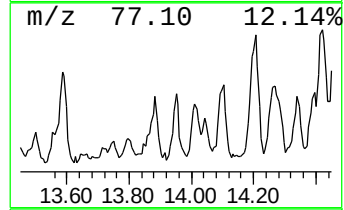
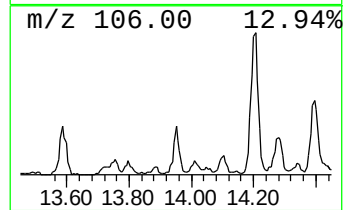
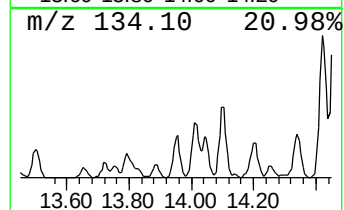
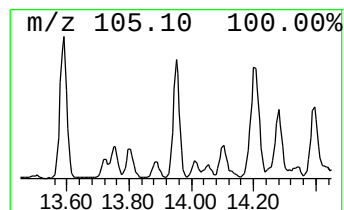
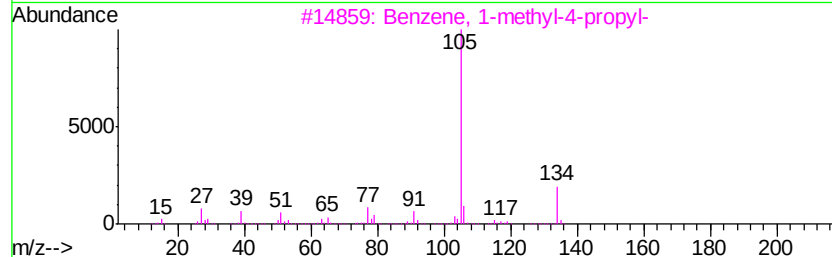
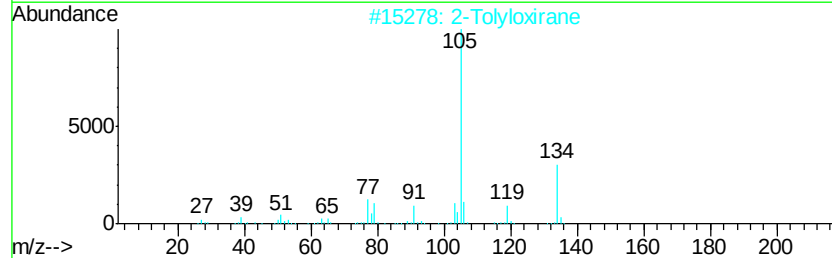
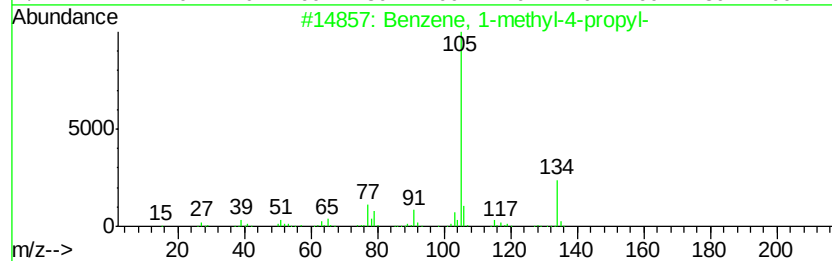
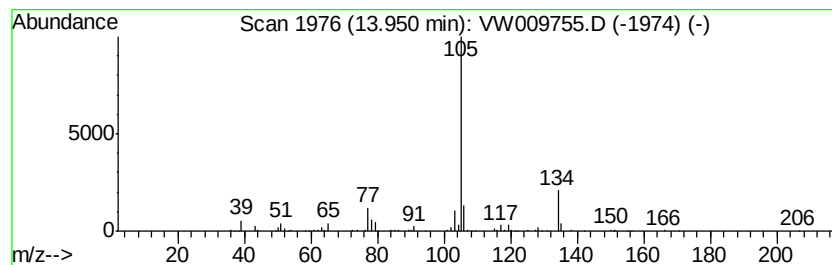
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Quant Title : VOC Analysis

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

Peak Number 20 Benzene, 1-methyl-4-propyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	2.73 ug/L	63175	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
2		2-Tolyloxirane	134	C9H10O	002783-26-8	80
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	80
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	80
5		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF649RE

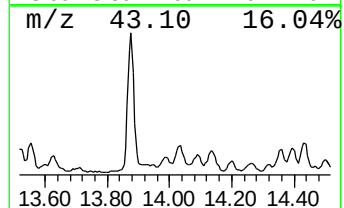
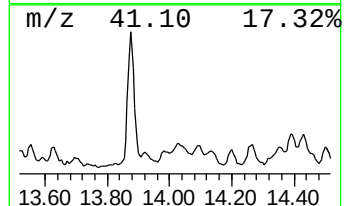
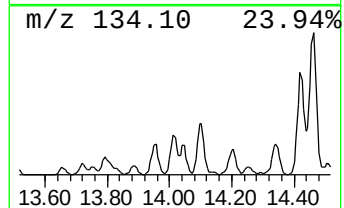
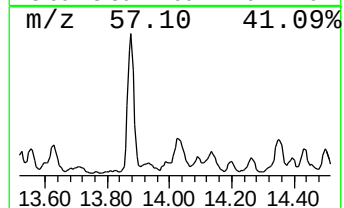
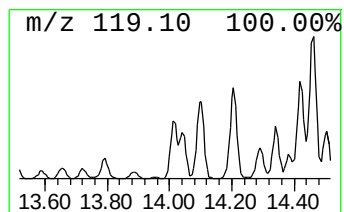
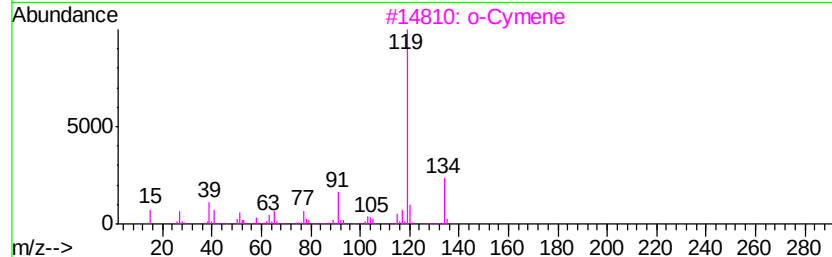
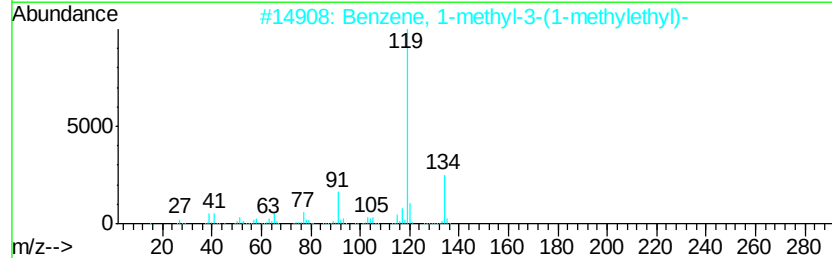
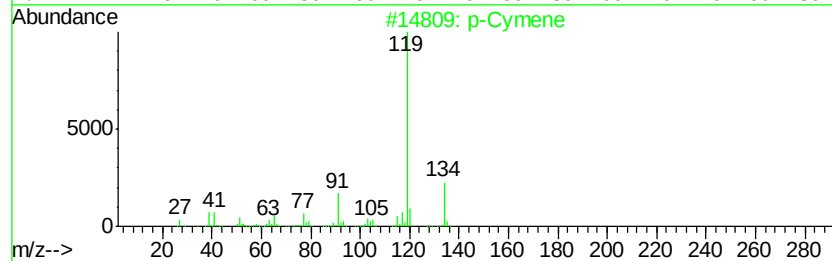
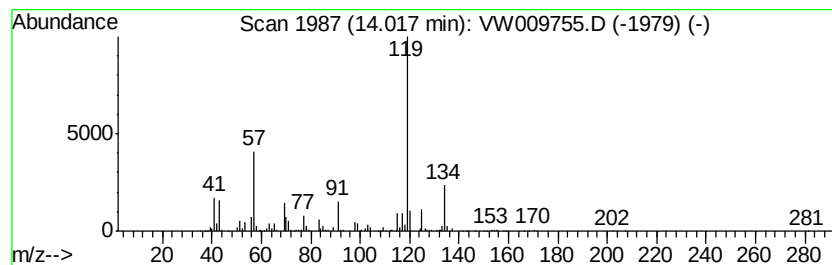
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Quant Title : VOC Analysis

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

Peak Number 21 p-Cymene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	12.23 ug/L	283077	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	93
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
3		o-Cymene	134	C10H14	000527-84-4	81
4		p-Cymene	134	C10H14	000099-87-6	81
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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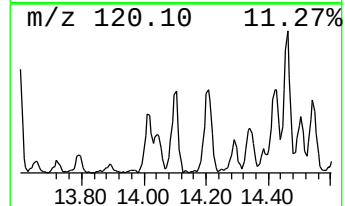
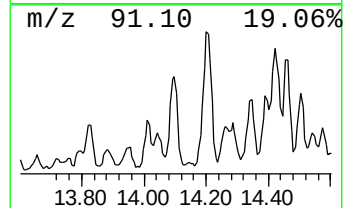
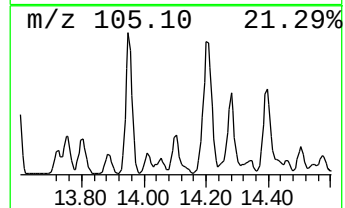
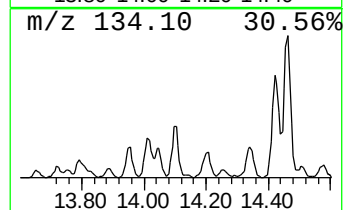
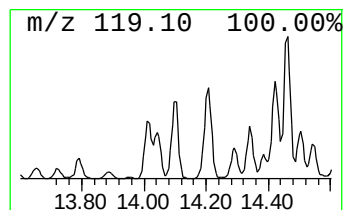
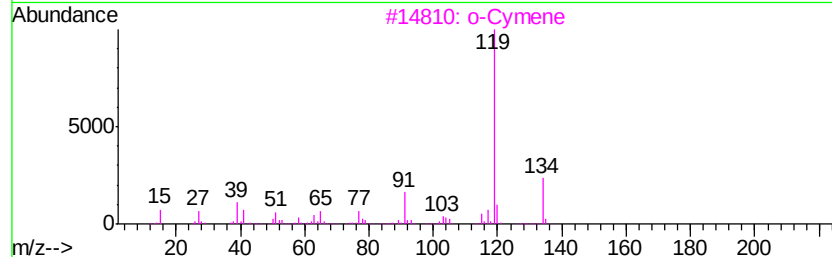
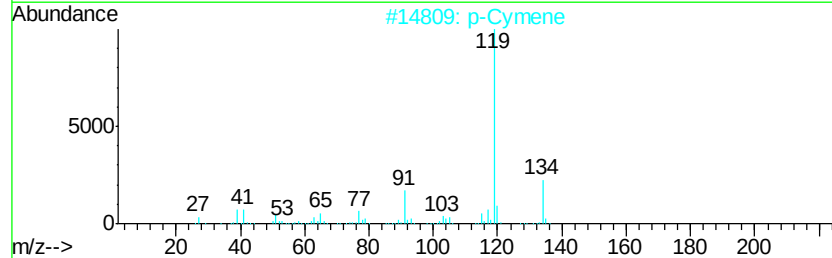
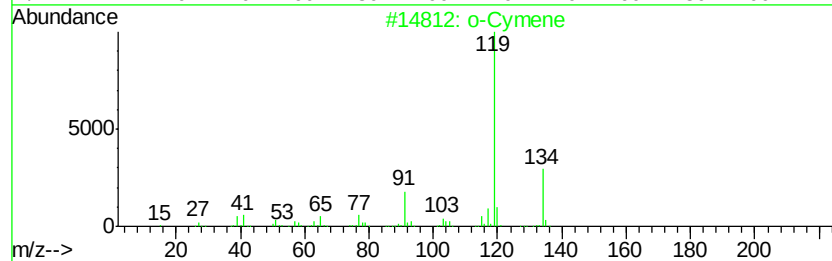
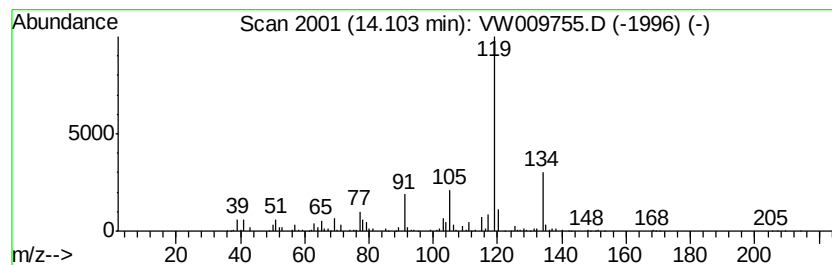
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Quant Title : VOC Analysis

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

Peak Number 22 o-Cymene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	12.78 ug/L	295697	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	94
2		p-Cymene	134	C10H14	000099-87-6	94
3		o-Cymene	134	C10H14	000527-84-4	94
4		o-Cymene	134	C10H14	000527-84-4	93
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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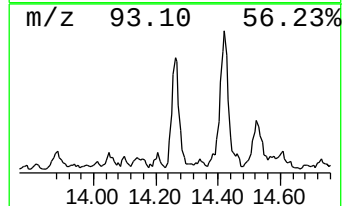
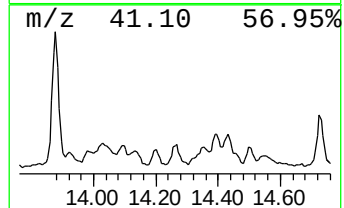
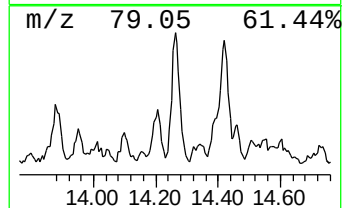
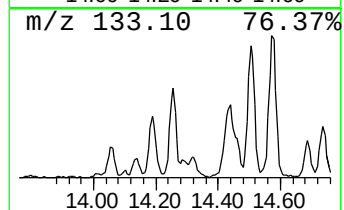
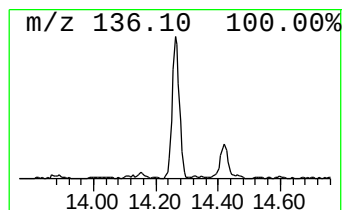
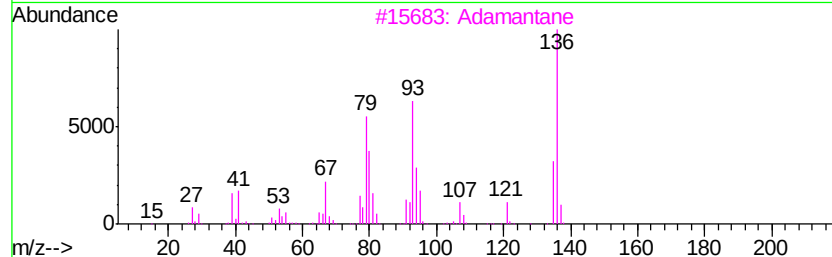
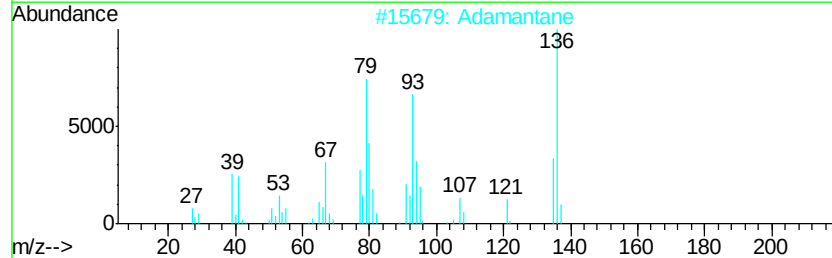
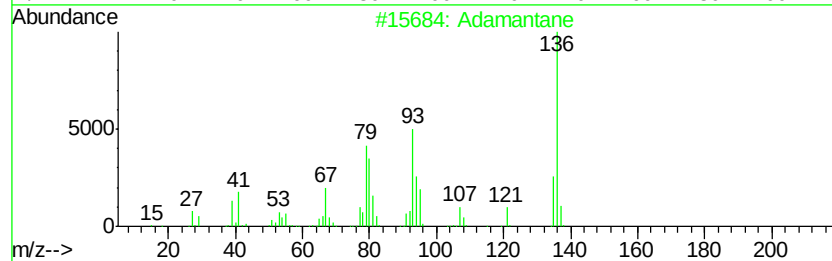
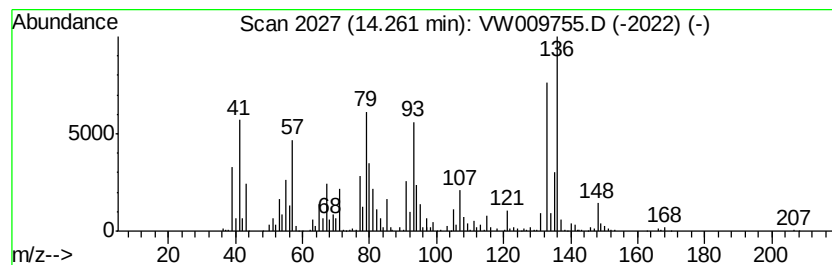
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Quant Title : VOC Analysis

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

Peak Number 24 Adamantane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	21.79 ug/L	504080	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Adamantane	136	C10H16	000281-23-2	83
2		Adamantane	136	C10H16	000281-23-2	46
3		Adamantane	136	C10H16	000281-23-2	27
4		3-Methylene-1,6-heptadiene	108	C8H12	016626-48-5	25
5		3-Cyclohexen-1-ol, 5-methylene-6...	150	C10H14O	054274-41-8	20



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
BF649RE

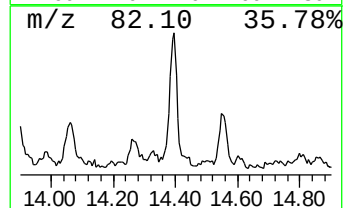
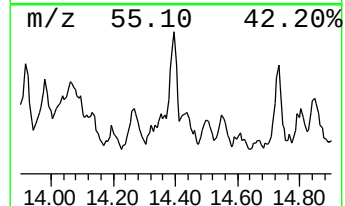
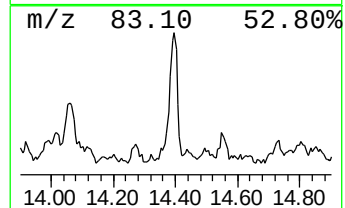
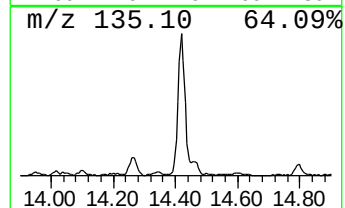
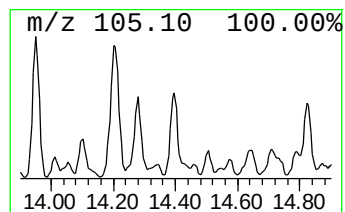
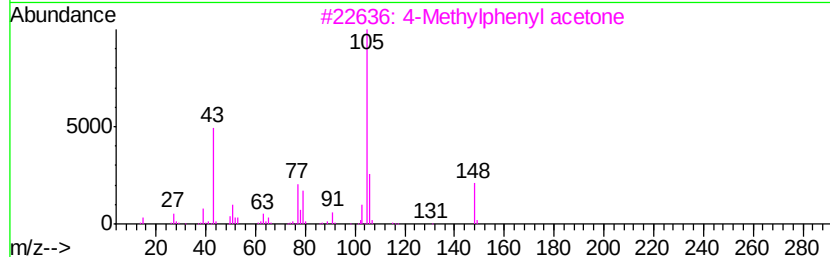
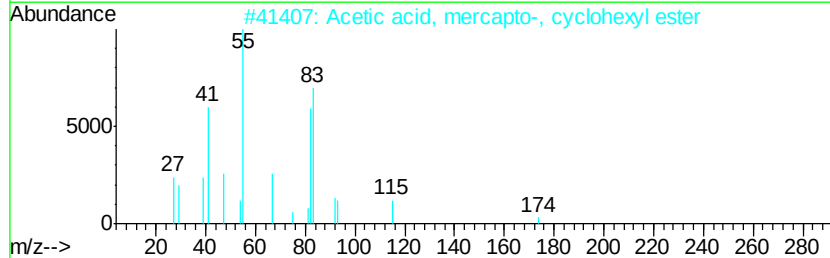
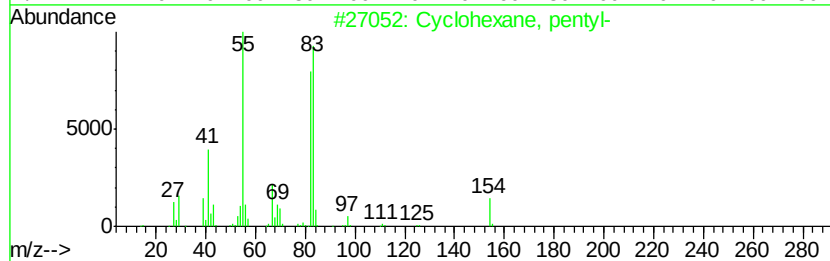
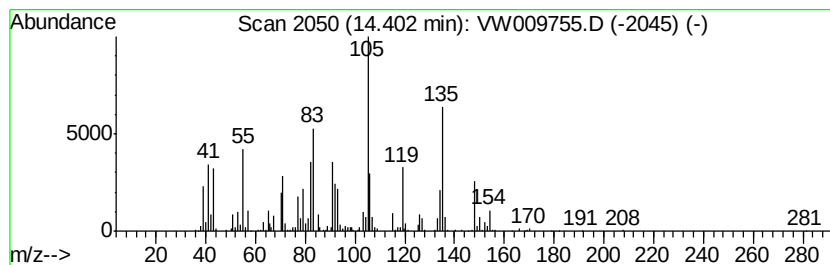
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Quant Title : VOC Analysis

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

Peak Number 26 (DEL) Alkane: Cyclic14.40 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	18.71 ug/L	432866	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	30
2		Acetic acid, mercapto-, cyclohex...	174	C8H14O2S	016849-98-2	27
3		4-Methylphenyl acetone	148	C10H12O	002096-86-8	25
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	25
5		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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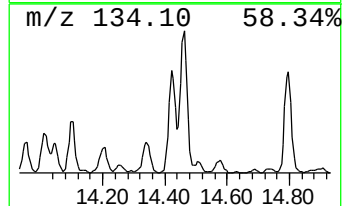
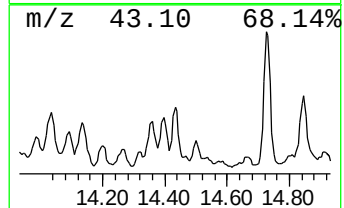
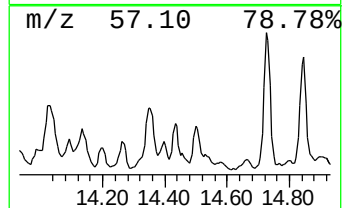
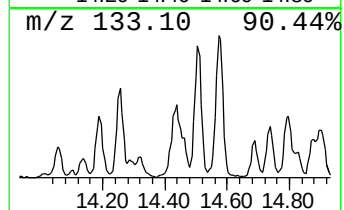
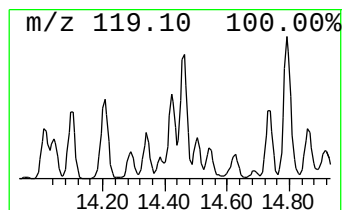
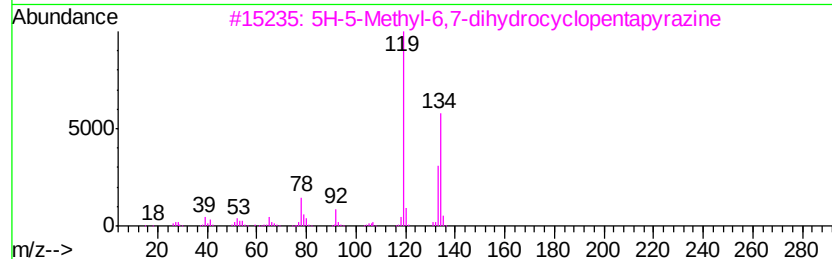
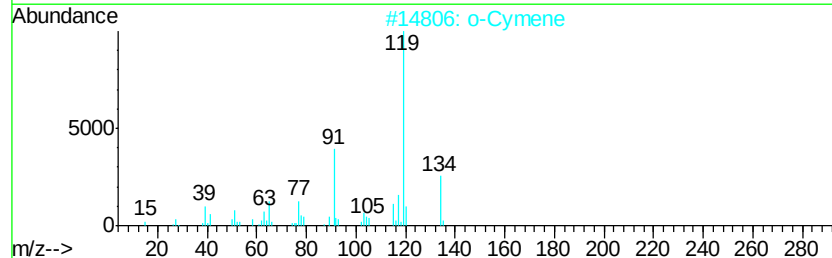
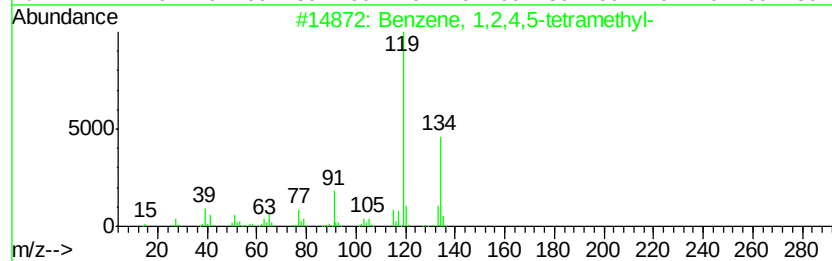
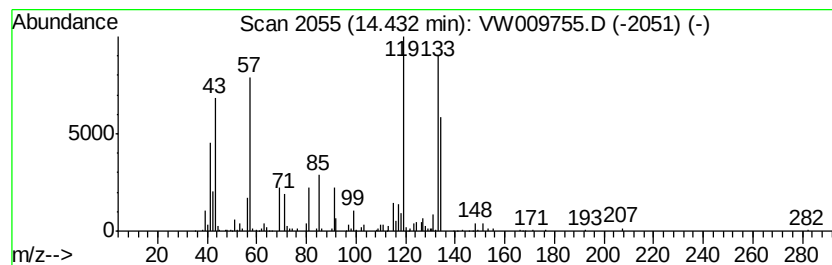
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Quant Title : VOC Analysis

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

Peak Number 27 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	25.32 ug/L	585756	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	62
2		o-Cymene	134	C10H14	000527-84-4	62
3		5H-5-Methyl-6,7-dihydrocyclopent...	134	C8H10N2	023747-48-0	62
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	58
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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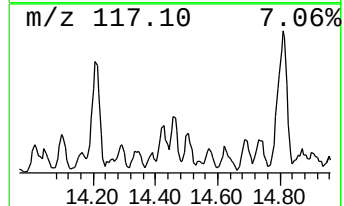
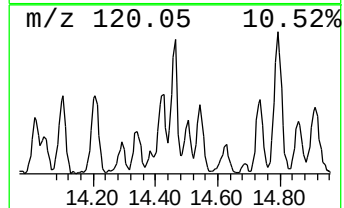
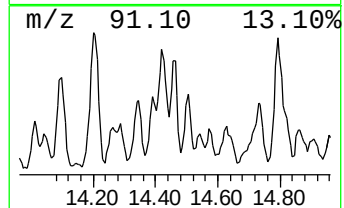
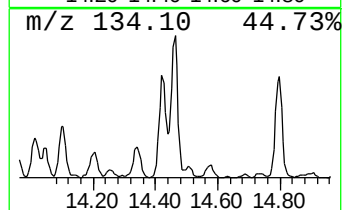
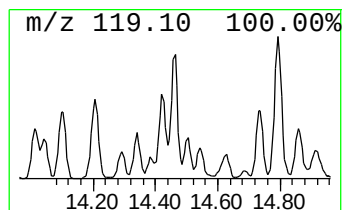
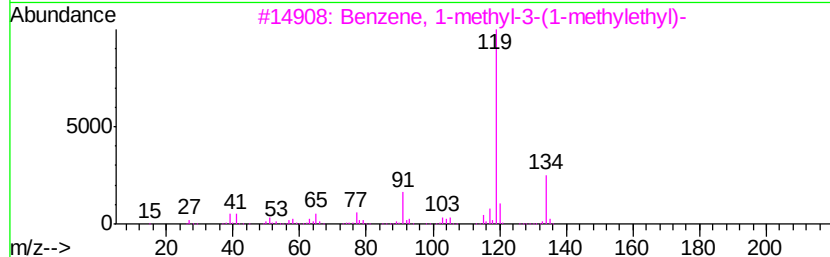
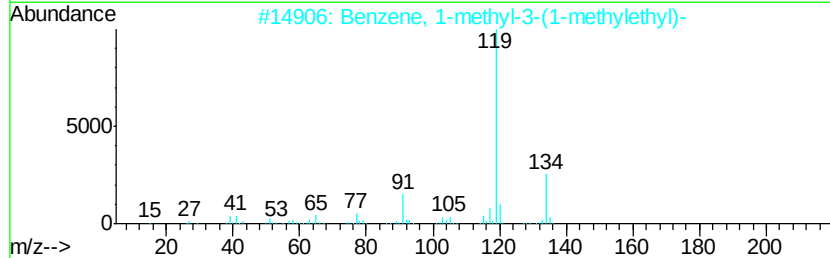
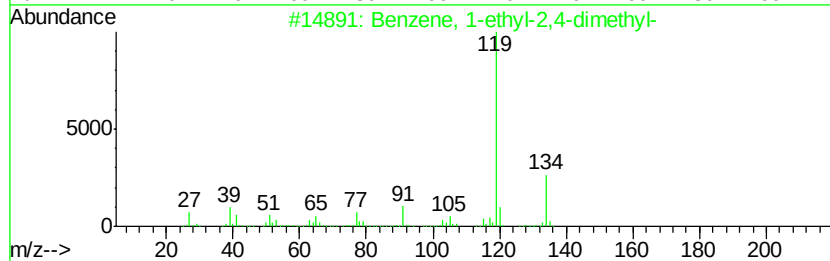
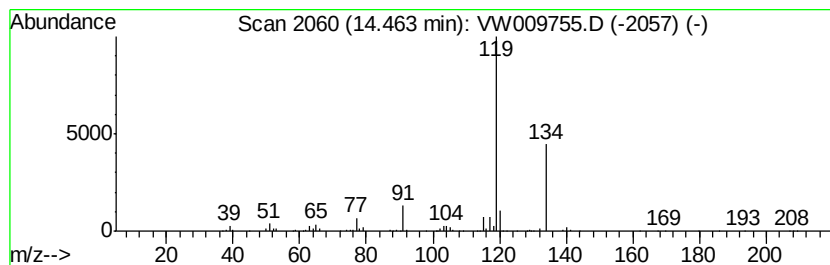
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Quant Title : VOC Analysis

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

Peak Number 28 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	16.73 ug/L	387172	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
3		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5		o-Cymene	134	C10H14	000527-84-4	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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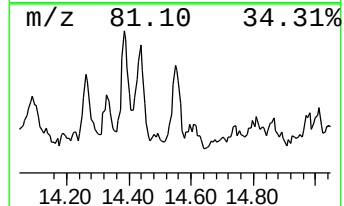
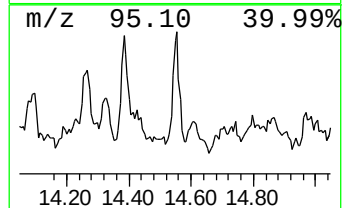
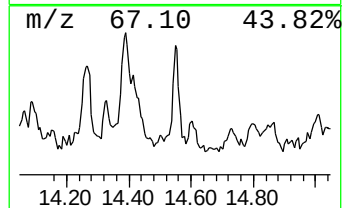
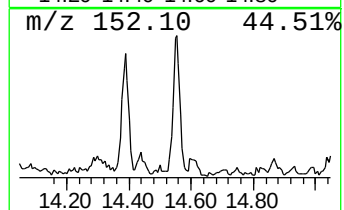
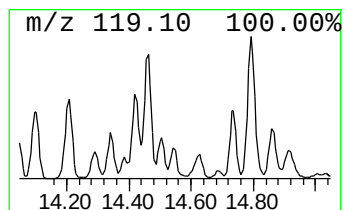
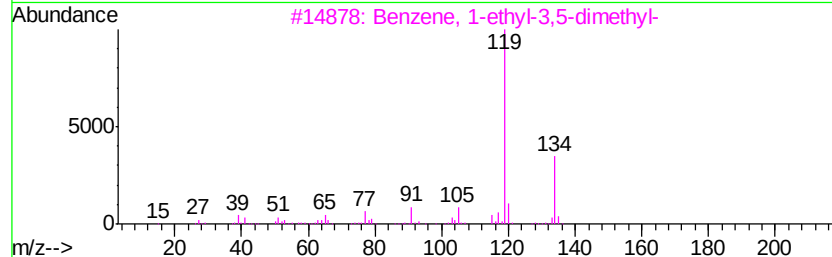
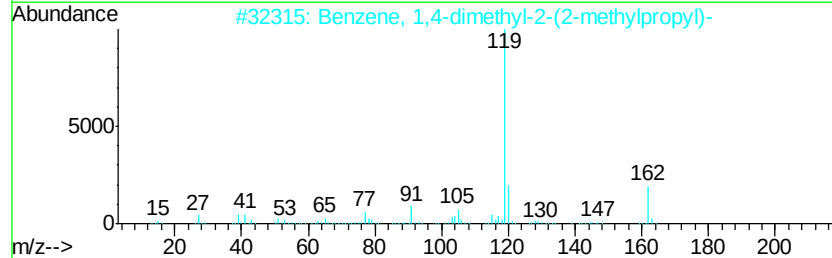
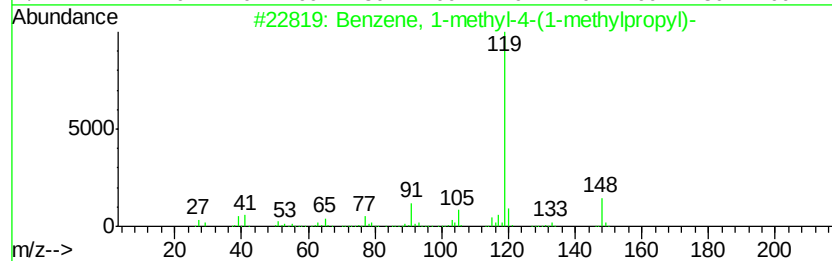
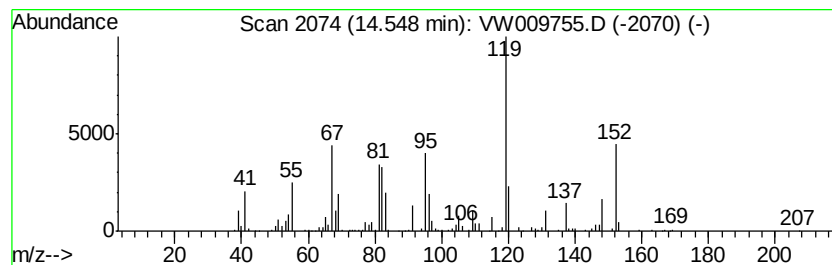
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Quant Title : VOC Analysis

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

Peak Number 30 unknown-03 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	3.99 ug/L	92216	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	18
2			Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	14
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	14
4			2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	12
5			Ether, 3-hydroxy-2-butyl 1-(p-to...	208	C13H20O2	1000149-41-9	12



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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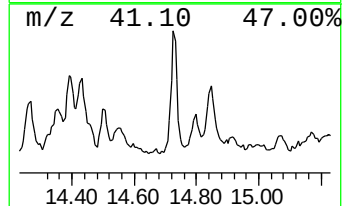
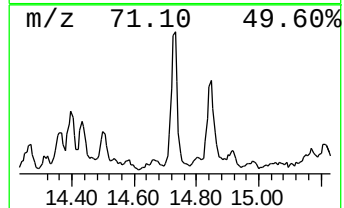
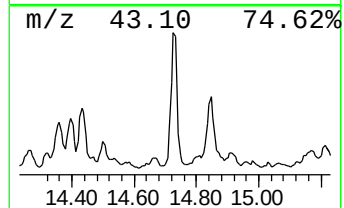
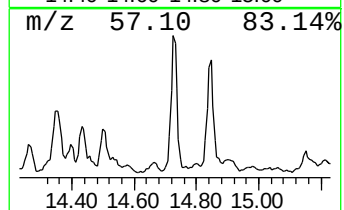
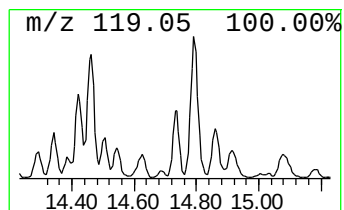
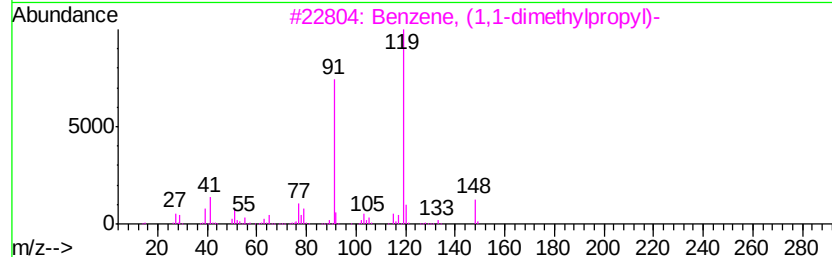
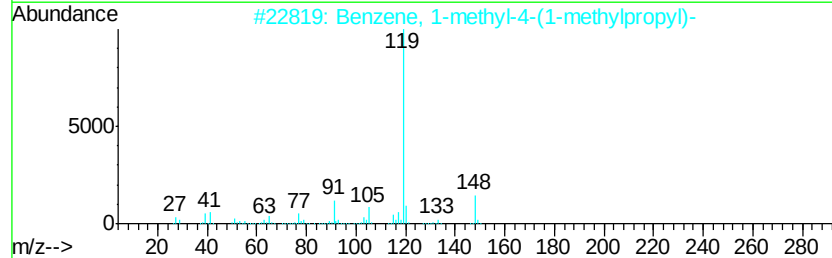
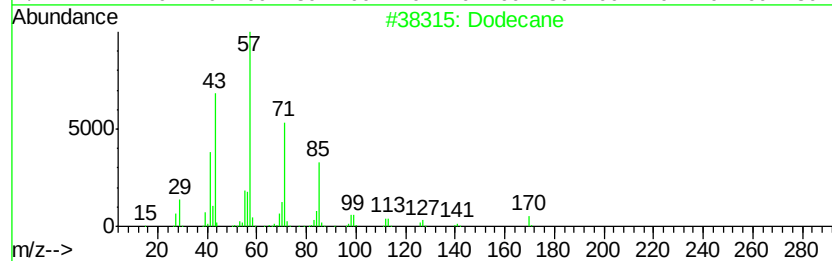
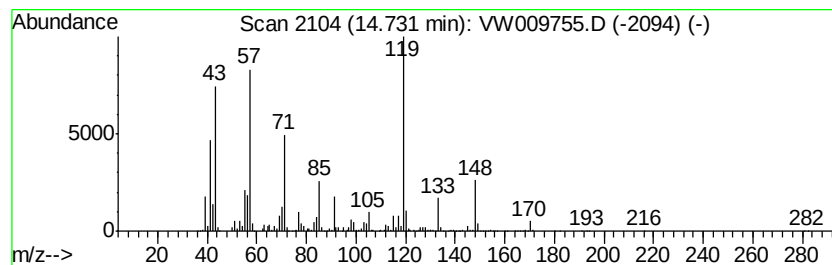
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	31.58 ug/L	730762	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	80
2		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	55
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	46
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	46
5		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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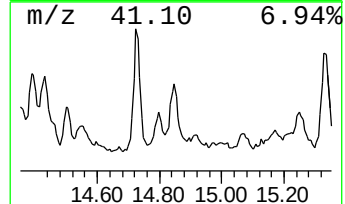
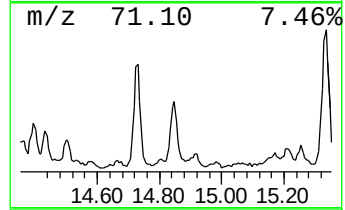
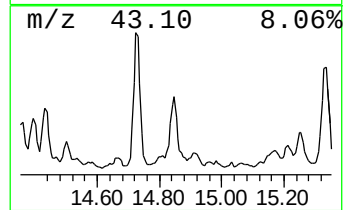
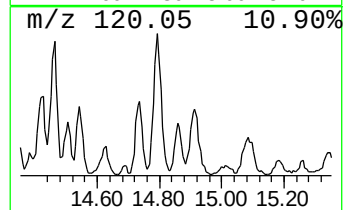
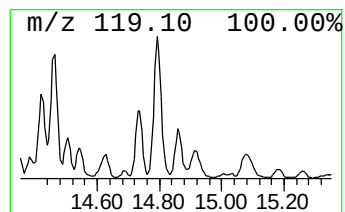
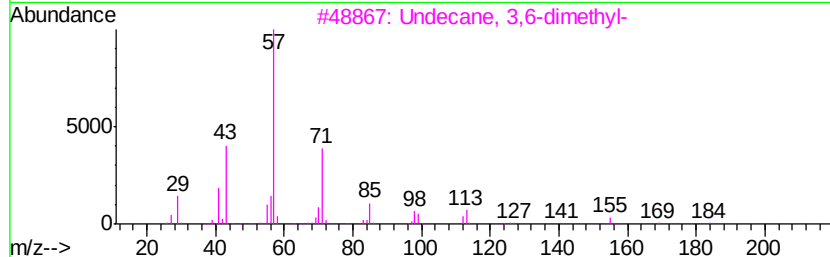
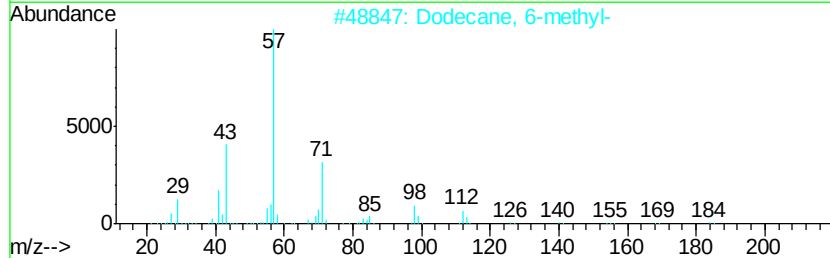
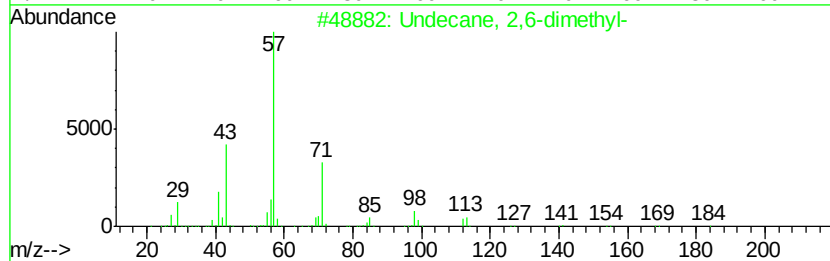
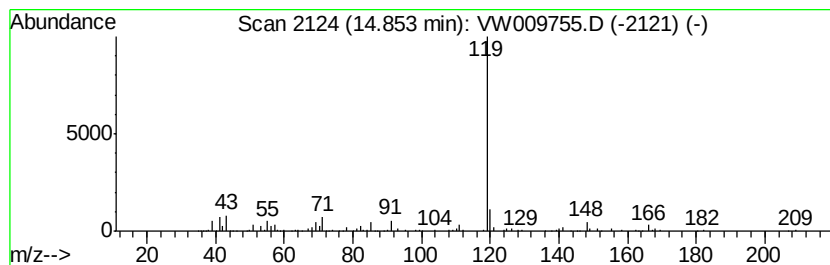
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Quant Title : VOC Analysis

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	12.38 ug/L	286493	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	38
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	38
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	35
4		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	30
5		Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF649RE

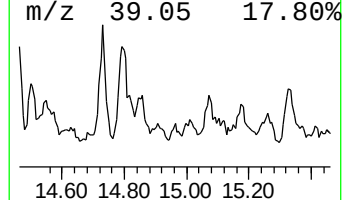
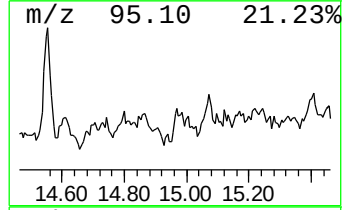
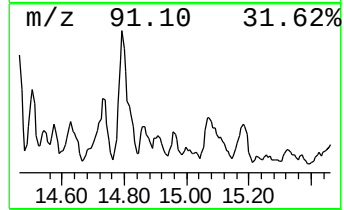
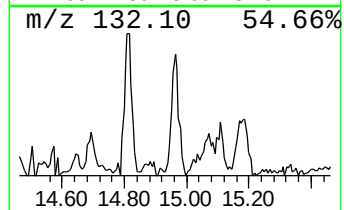
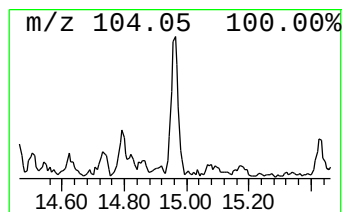
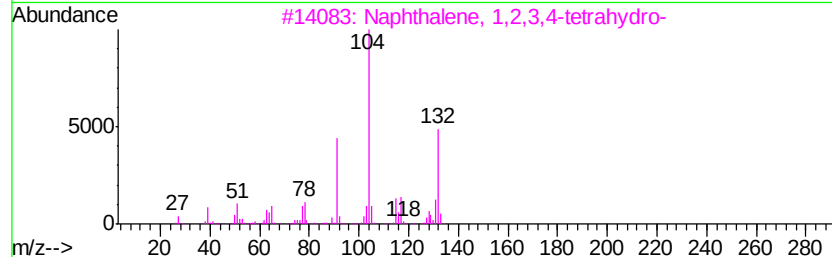
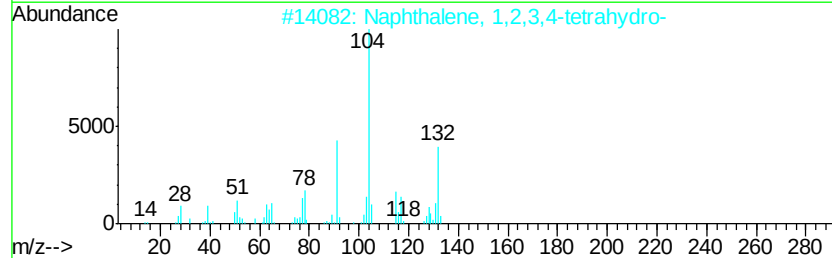
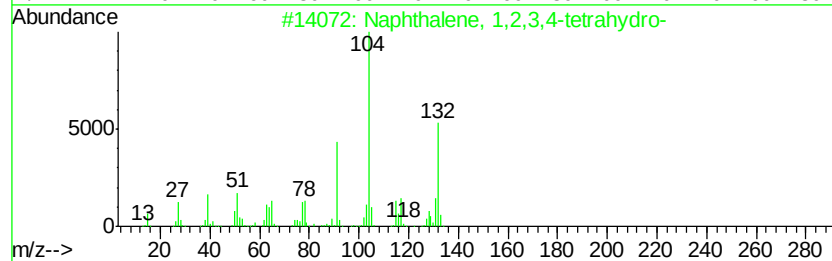
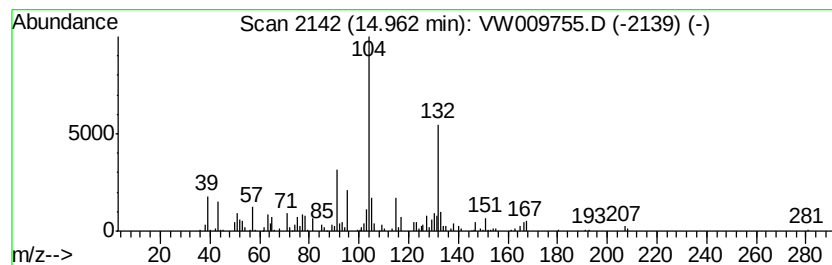
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Quant Title : VOC Analysis

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

Peak Number 34 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	2.85 ug/L	65860	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	76
2		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	76
3		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	68
4		Isoquinoline, 1,2,3,4-tetrahydro...	147	C10H13N	029726-60-1	50
5		Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF649RE

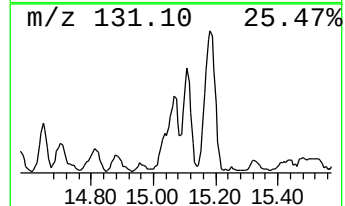
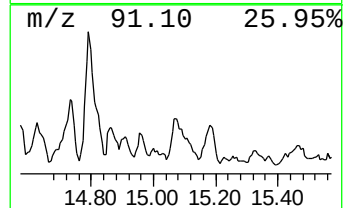
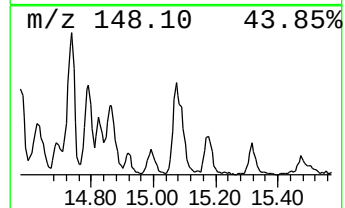
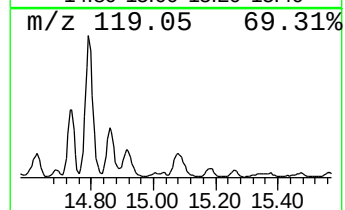
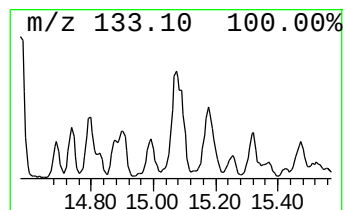
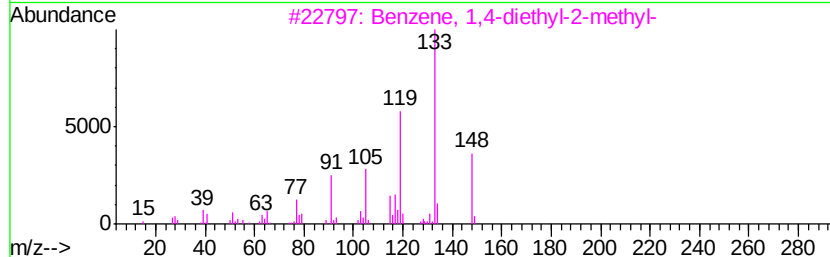
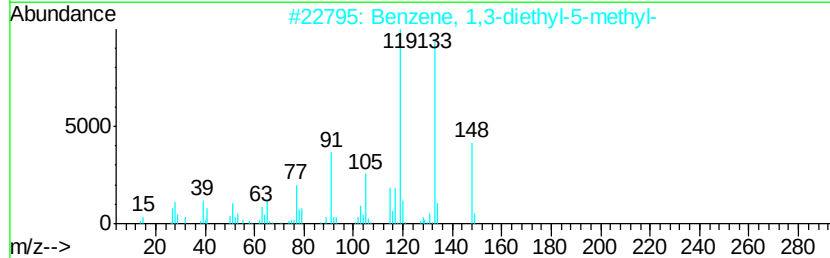
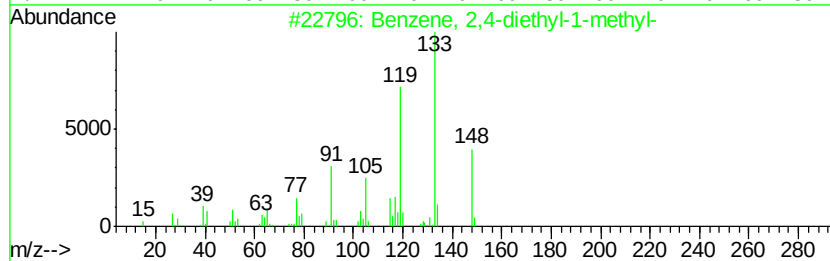
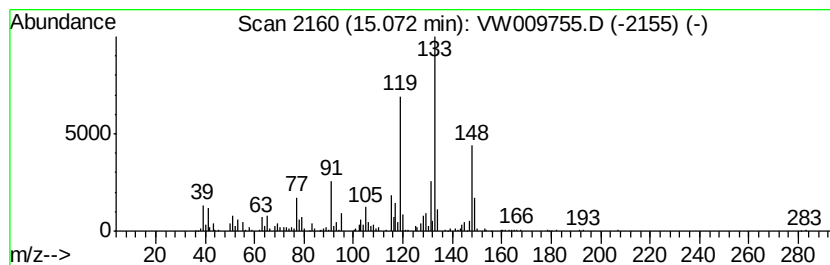
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Quant Title : VOC Analysis

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

Peak Number 35 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	17.12 ug/L	396204	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	81
2		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	81
3		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	81
4		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	74
5		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF649RE

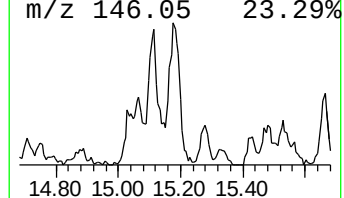
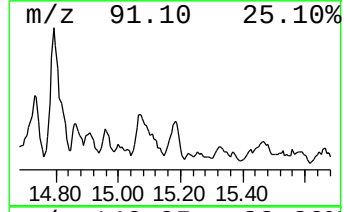
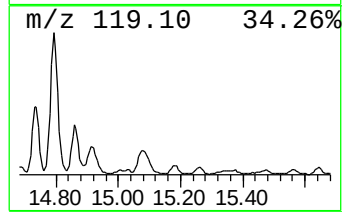
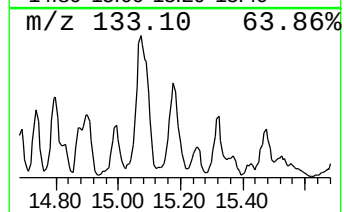
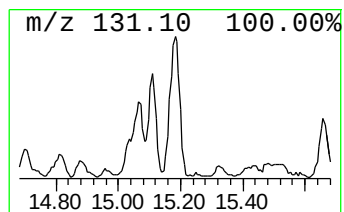
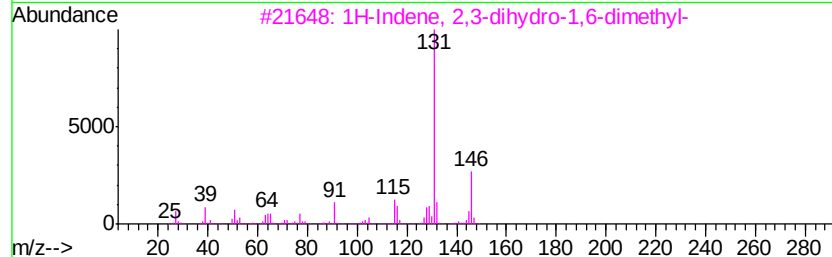
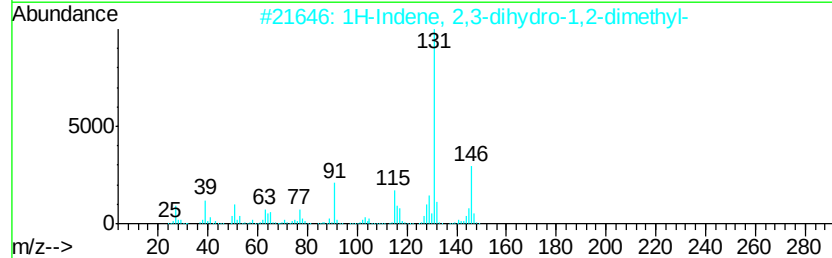
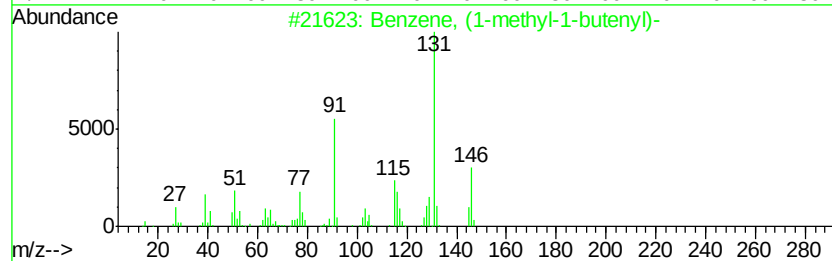
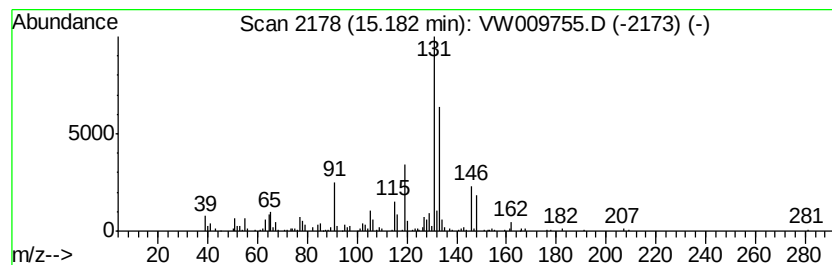
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Quant Title : VOC Analysis

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

Peak Number 36 Benzene, (1-methyl-1-butenyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	11.62 ug/L	268809	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87
2		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	55
3		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	55
4		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	55
5		Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF649RE

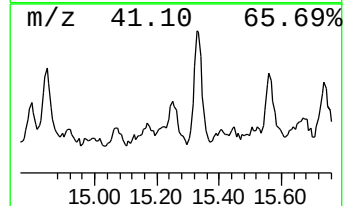
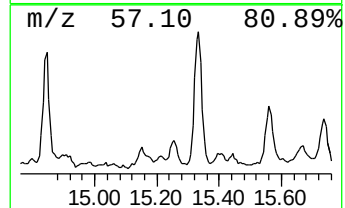
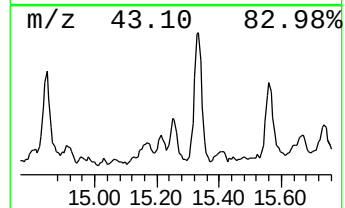
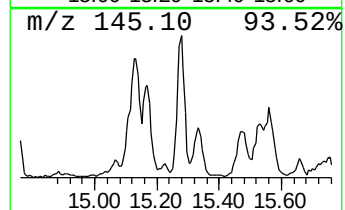
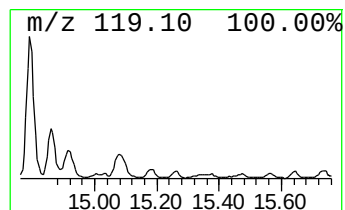
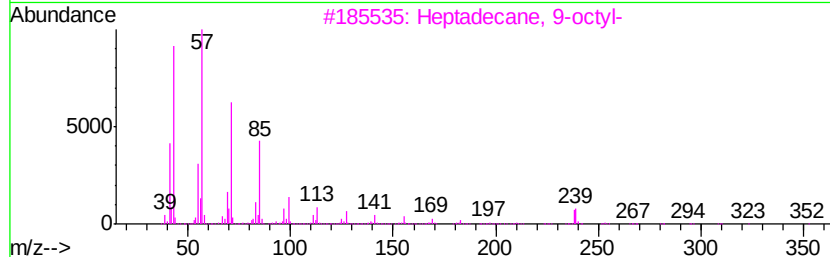
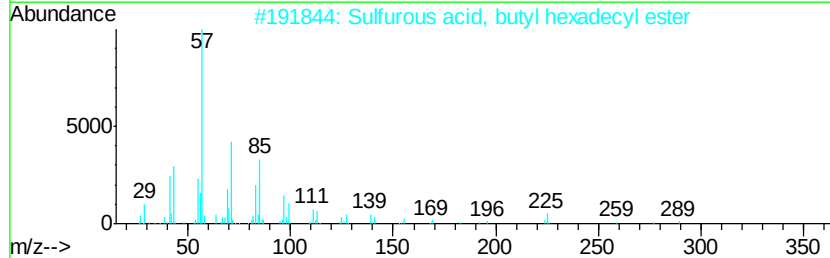
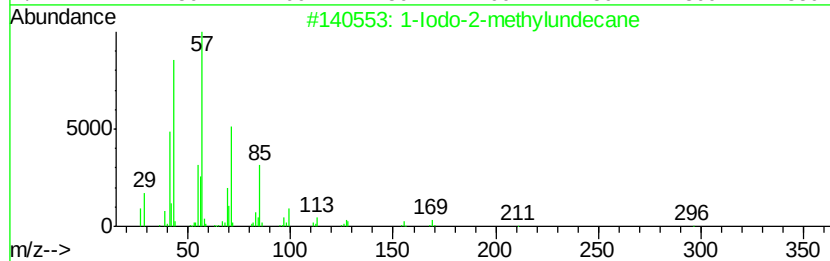
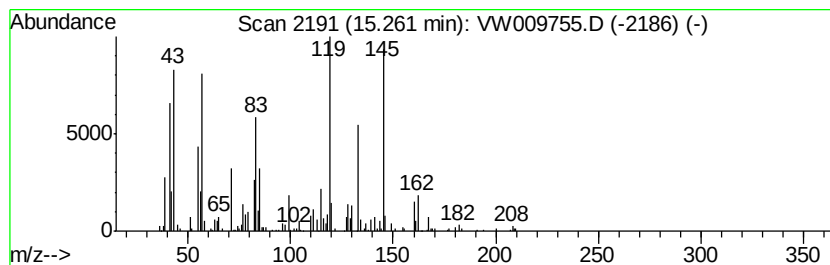
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Quant Title : VOC Analysis

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

Peak Number 37 unknown-04 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	9.55 ug/L	220956	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	22
2			Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	22
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	22
4			2-Amino-3a,4,5,6,7,7a-hexahydro-...	162	C10H14N2	1000185-29-8	22
5			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	14



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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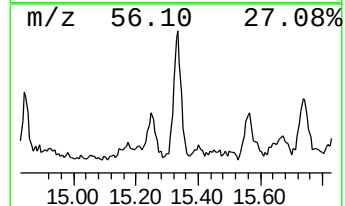
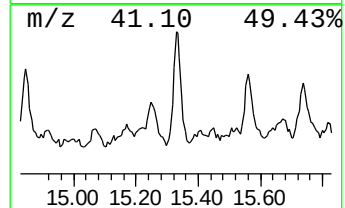
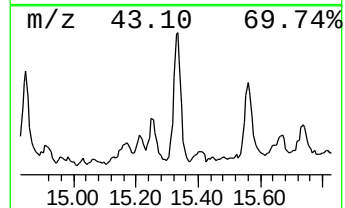
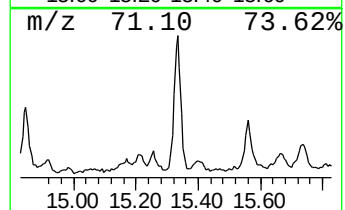
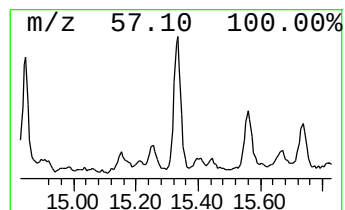
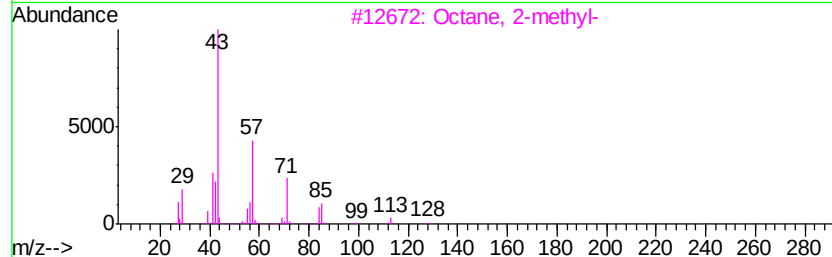
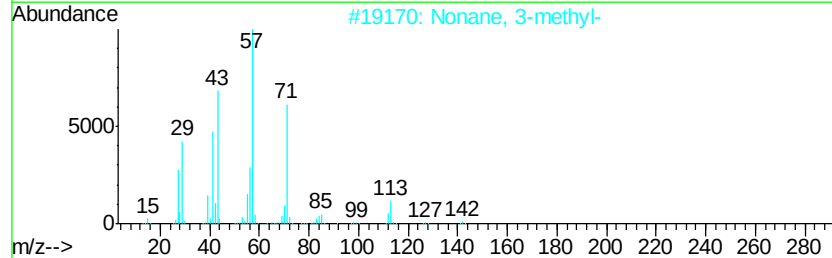
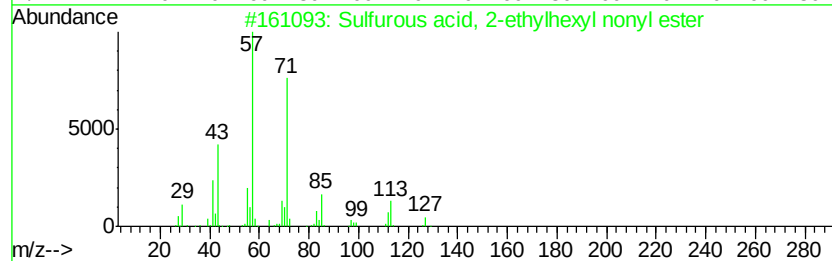
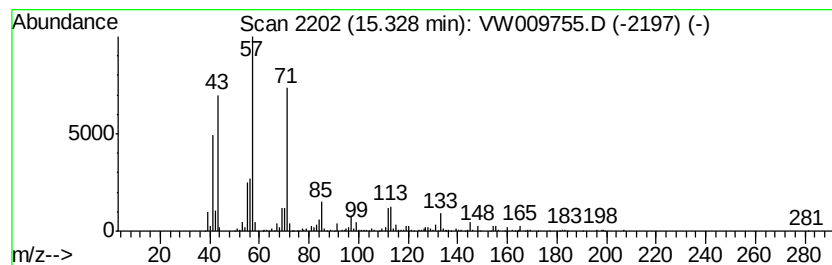
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Quant Title : VOC Analysis

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

Peak Number 38 Sulfurous acid, 2-ethylhexy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	23.21 ug/L	537076	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	64
3		Octane, 2-methyl-	128	C9H20	003221-61-2	64
4		Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	64
5		Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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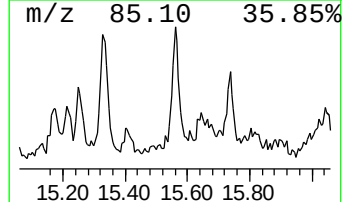
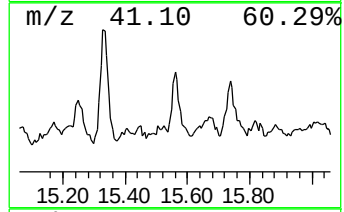
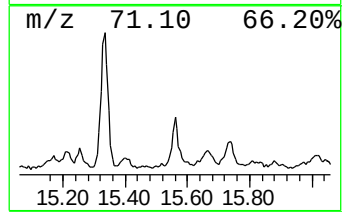
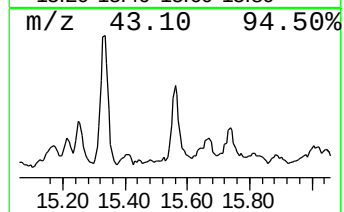
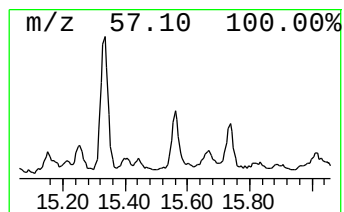
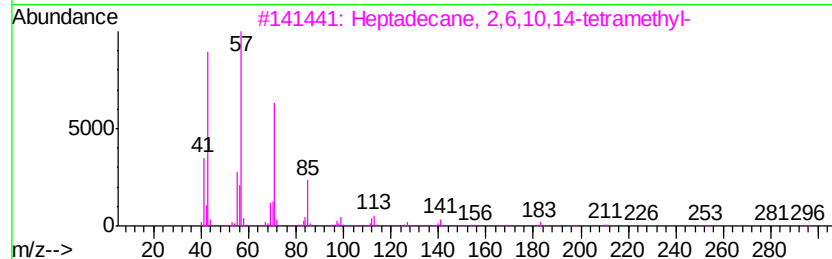
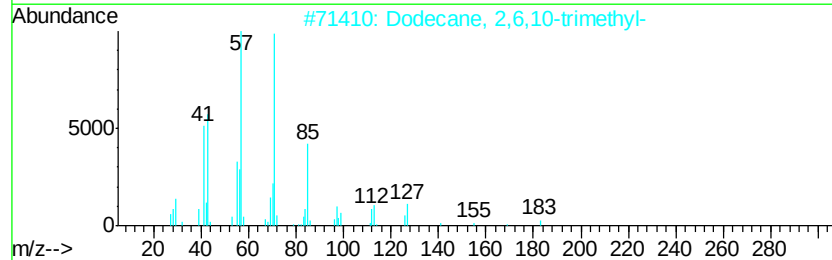
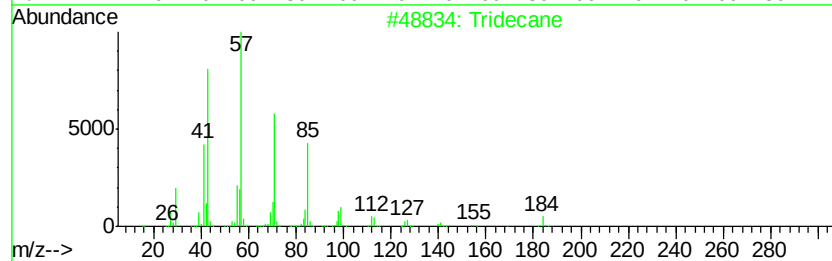
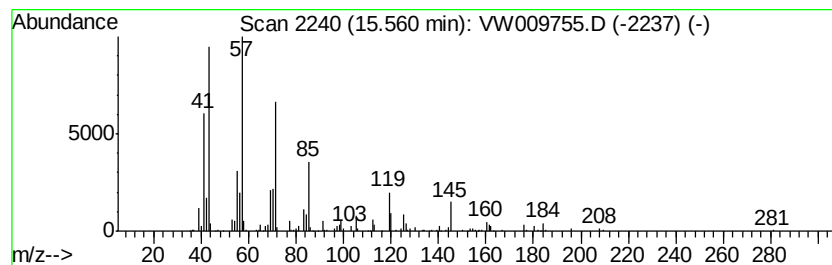
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Quant Title : VOC Analysis

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	13.77 ug/L	318674	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	58
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53
3			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	50
4			Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	47
5			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF649RE

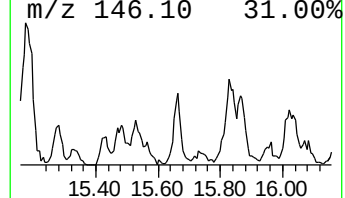
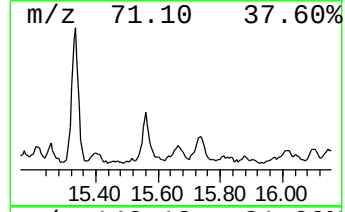
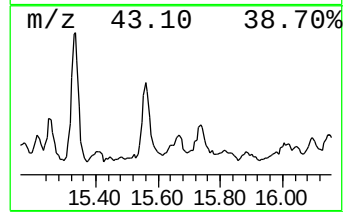
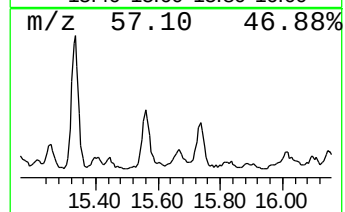
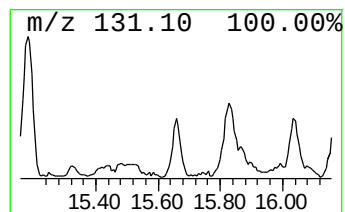
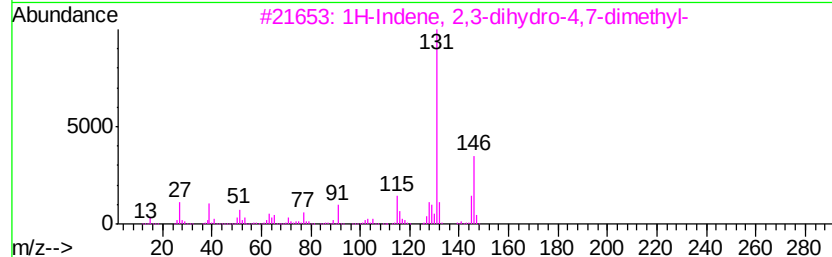
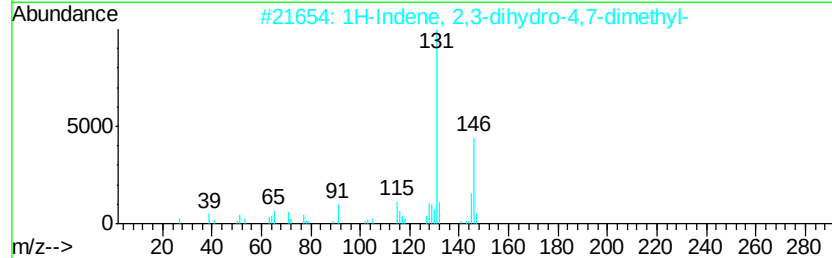
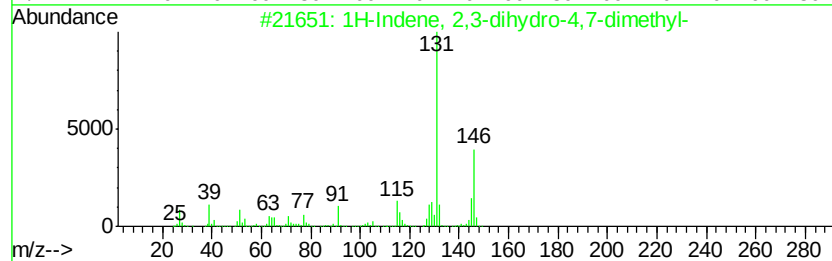
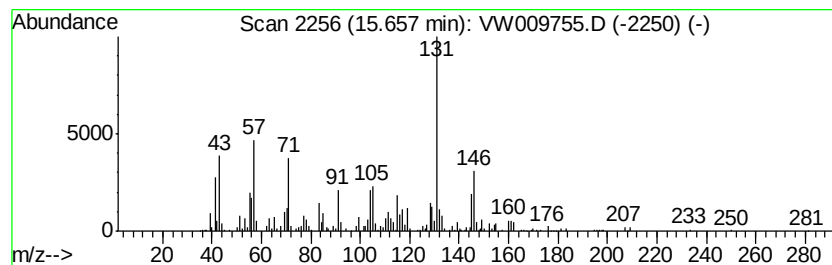
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Quant Title : VOC Analysis

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

Peak Number 40 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	10.25 ug/L	237235	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	86
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
4		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
5		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF649RE

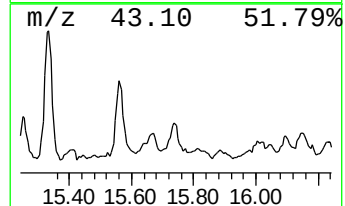
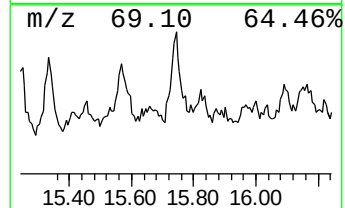
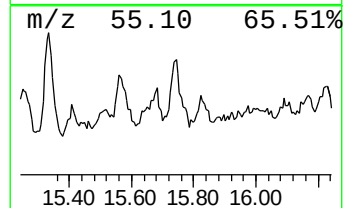
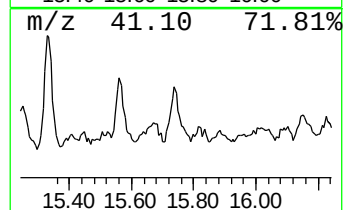
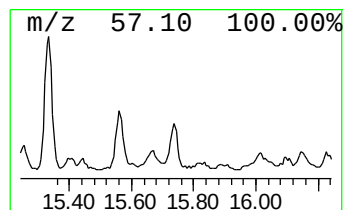
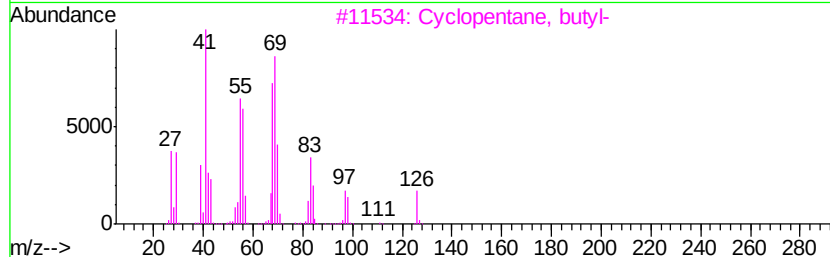
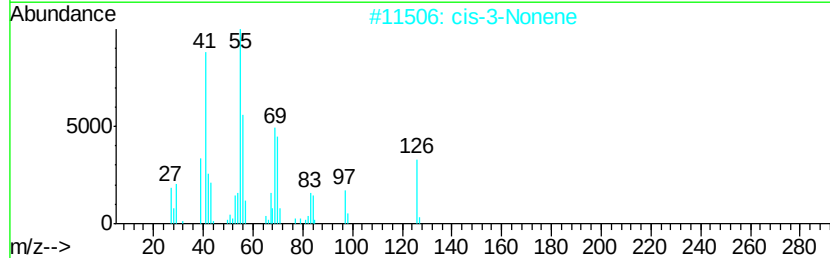
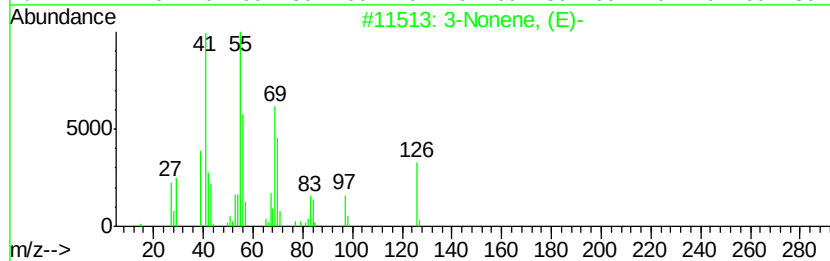
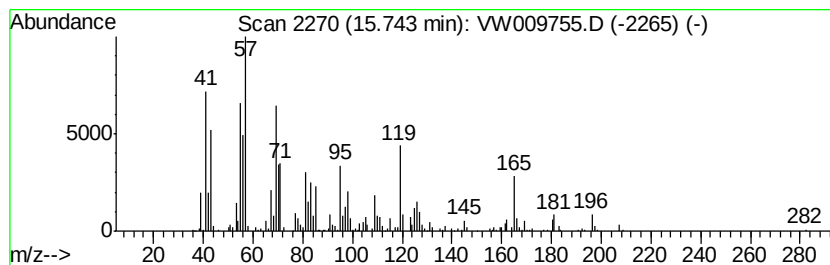
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Quant Title : VOC Analysis

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

Peak Number 41 unknown-05 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	11.24 ug/L	260044	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Nonene, (E)-	126	C9H18	020063-92-7	42
2	cis-3	Nonene	126	C9H18	020237-46-1	38
3	Cyclopentane, butyl-		126	C9H18	002040-95-1	38
4	3-Heptene, 2,6-dimethyl-		126	C9H18	002738-18-3	38
5	3-Tetradecene, (E)-		196	C14H28	041446-68-8	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF649RE

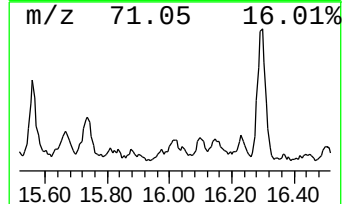
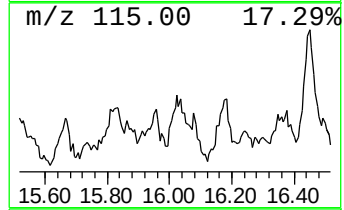
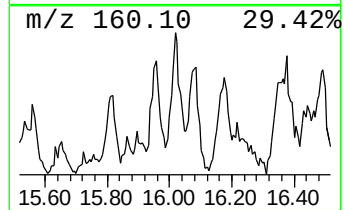
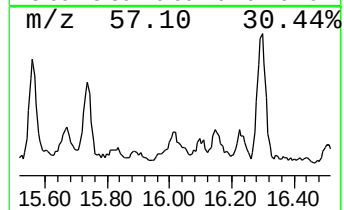
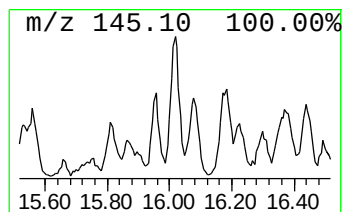
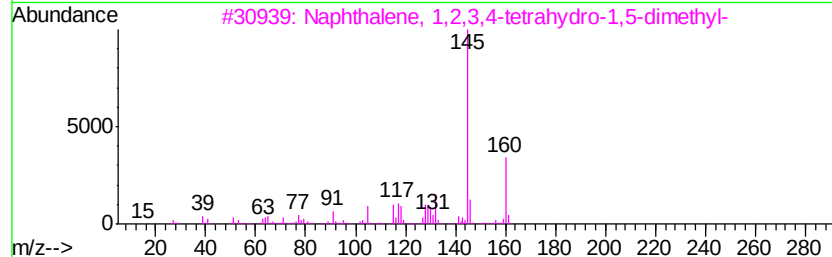
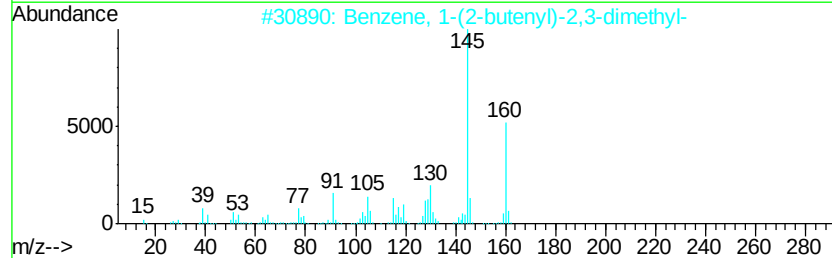
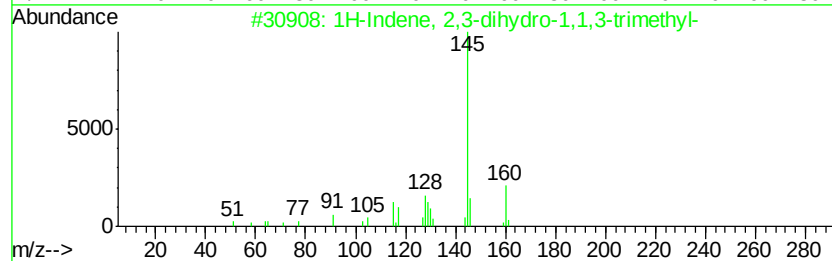
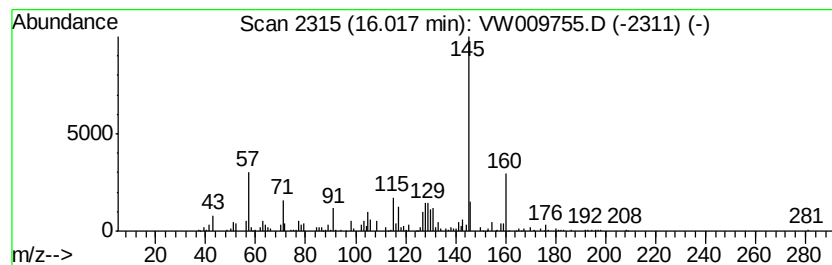
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Quant Title : VOC Analysis

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

Peak Number 42 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	5.84 ug/L	135147	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	94
2		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	90
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	90
4		Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	83
5		Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF649RE

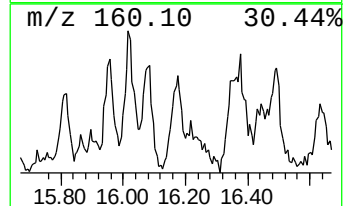
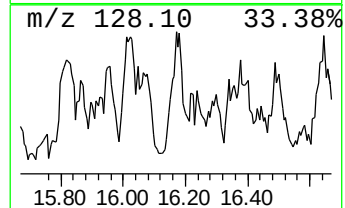
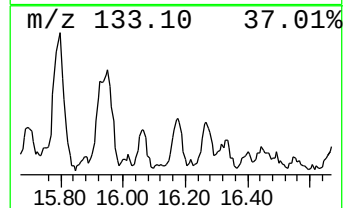
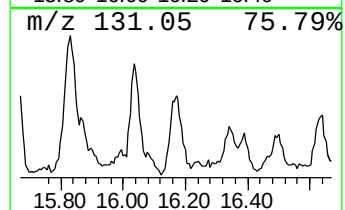
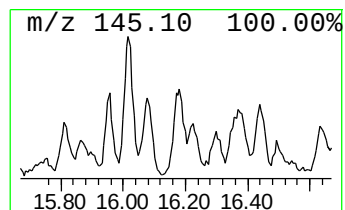
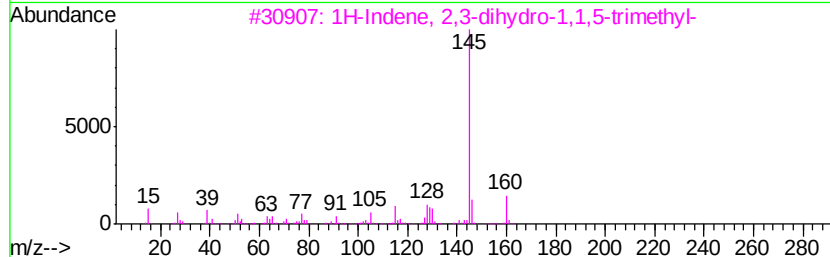
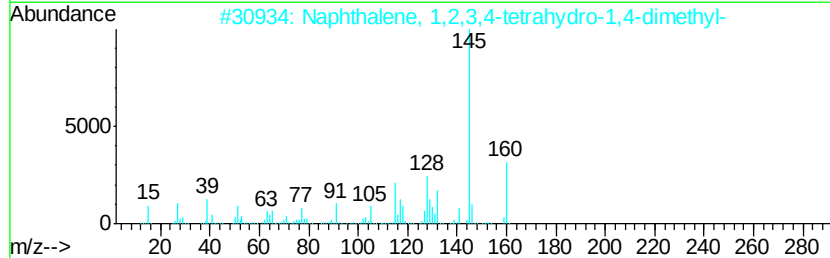
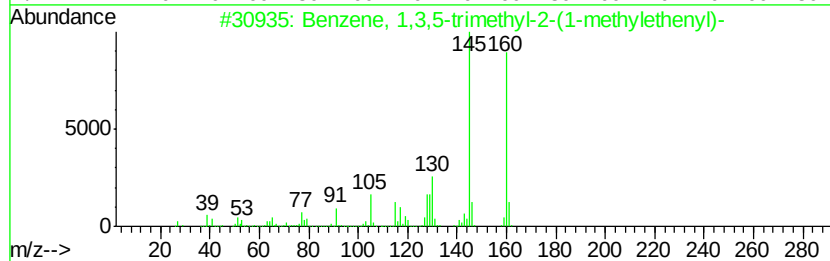
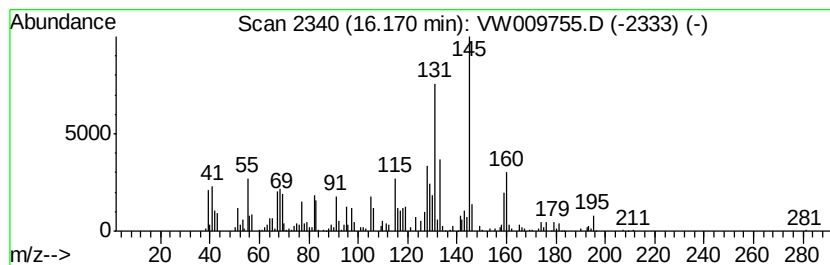
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Quant Title : VOC Analysis

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

Peak Number 43 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	10.56 ug/L	244233	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	55
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	50
3		1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	49
4		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	46
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF649RE

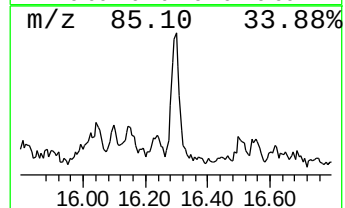
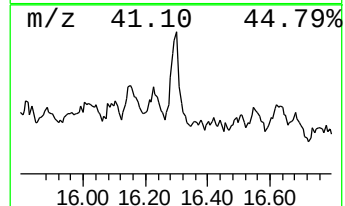
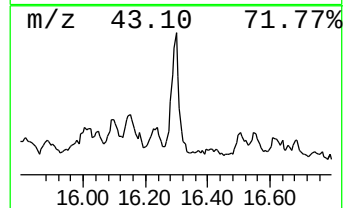
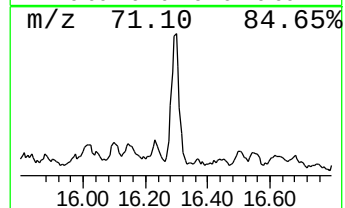
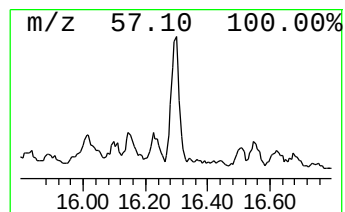
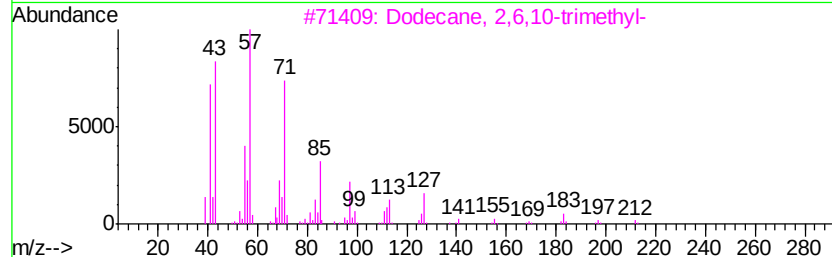
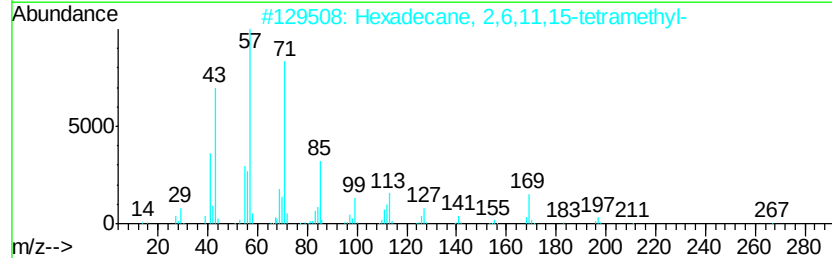
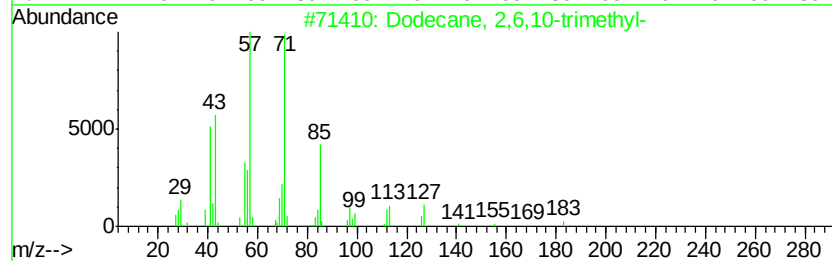
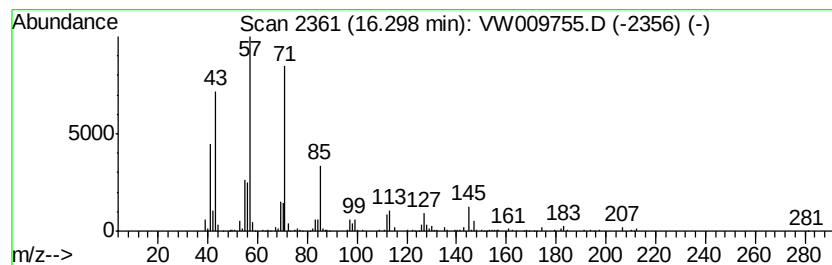
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Quant Title : VOC Analysis

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	11.36 ug/L	262835	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
2			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	80
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4			Decane, 5-propyl-	184	C13H28	017312-62-8	76
5			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	74



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
Sample : K2188-02RE
Misc : 3.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF649RE

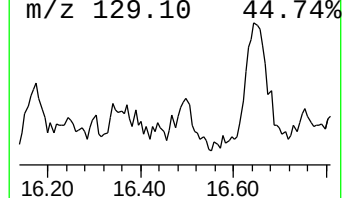
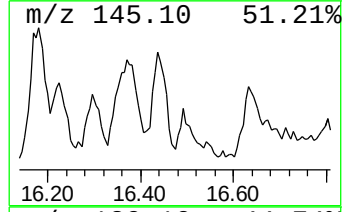
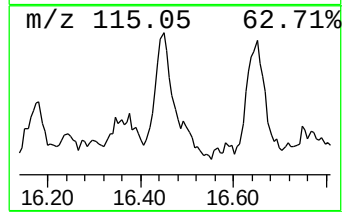
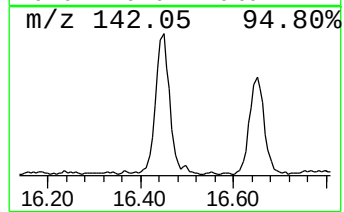
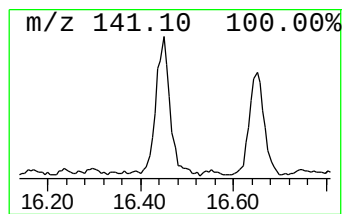
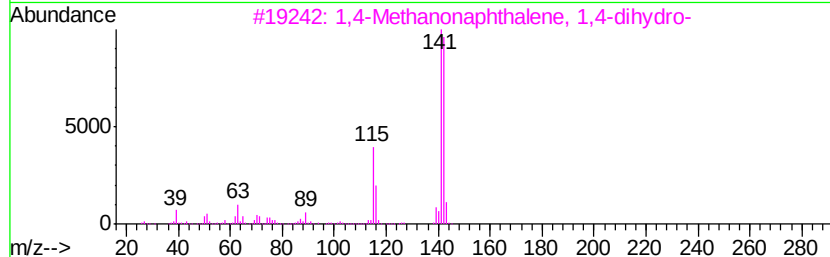
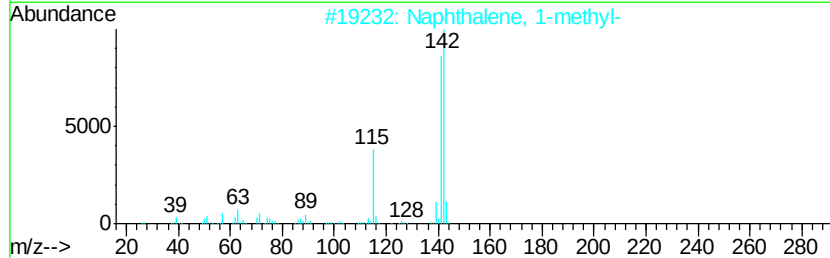
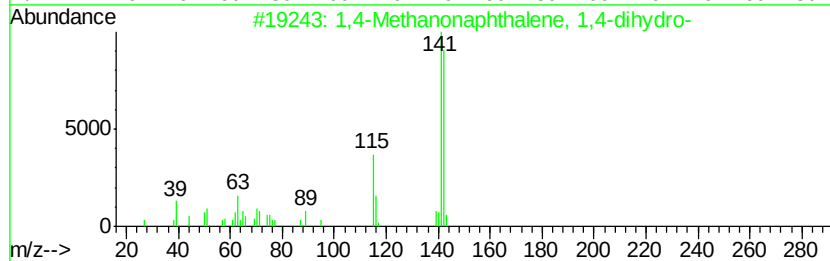
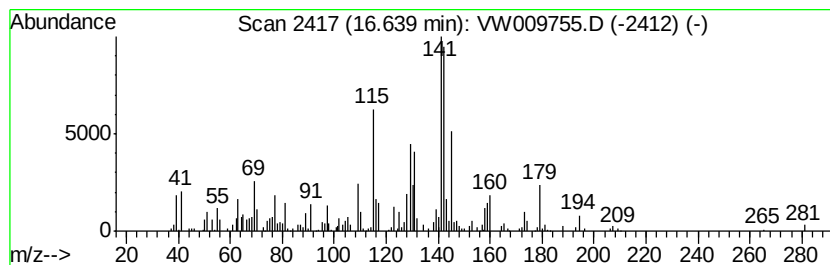
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 45 1,4-Methanonaphthalene, 1,4... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	18.55 ug/L	429233	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	83
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	50
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	46
4		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	43
5		Benzocycloheptatriene	142	C11H10	000264-09-5	43



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009755.D
 Acq On : 06 Apr 2019 04:19
 Operator : SY/VA
 Sample : K2188-02RE
 Misc : 3.51G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF649RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.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...	3.39	1.4	ug/L	64182	1	8.84	1135550	25.0
(DEL) Alkane: Str...	10.10	2.1	ug/L	93645	1	8.84	1135550	25.0
Octane, 2-methyl-	11.41	1.6	ug/L	69992	2	11.63	1070870	25.0
8-Hexadecyne	12.34	4.7	ug/L	200589	2	11.63	1070870	25.0
unknown-01	12.62	1.7	ug/L	39182	3	13.56	578424	25.0
(DEL) Alkane: Cyc...	12.78	8.8	ug/L	203295	3	13.56	578424	25.0
Furfuryl glycidyl...	12.87	5.2	ug/L	119942	3	13.56	578424	25.0
Oxalic acid, ally...	12.93	17.0	ug/L	394285	3	13.56	578424	25.0
(DEL) Alkane: Cyc...	12.99	2.1	ug/L	48675	3	13.56	578424	25.0
Thieno[2,3-d]-1,3...	13.08	5.5	ug/L	126869	3	13.56	578424	25.0
1-Decanol, 2-methyl-	13.13	1.3	ug/L	30761	3	13.56	578424	25.0
(DEL) Alkane: Str...	13.17	10.6	ug/L	244957	3	13.56	578424	25.0
Benzene, 1,2,3-tr...	13.26	3.0	ug/L	69751	3	13.56	578424	25.0
(DEL) Alkane: Str...	13.29	3.4	ug/L	79228	3	13.56	578424	25.0
(DEL) Alkane: Str...	13.34	2.0	ug/L	47165	3	13.56	578424	25.0
unknown-02	13.38	2.4	ug/L	54862	3	13.56	578424	25.0
(DEL) Alkane: Cyc...	13.69	3.2	ug/L	74051	3	13.56	578424	25.0
Benzene, 1,3-diet...	13.80	2.8	ug/L	65534	3	13.56	578424	25.0
Benzene, 1-methyl...	13.95	2.7	ug/L	63175	3	13.56	578424	25.0
p-Cymene	14.02	12.2	ug/L	283077	3	13.56	578424	25.0
o-Cymene	14.10	12.8	ug/L	295697	3	13.56	578424	25.0
Adamantane	14.26	21.8	ug/L	504080	3	13.56	578424	25.0
(DEL) Alkane: Cyc...	14.40	18.7	ug/L	432866	3	13.56	578424	25.0
Benzene, 1,2,4,5-...	14.43	25.3	ug/L	585756	3	13.56	578424	25.0
Benzene, 1-ethyl-...	14.46	16.7	ug/L	387172	3	13.56	578424	25.0
unknown-03	14.55	4.0	ug/L	92216	3	13.56	578424	25.0
(DEL) Alkane: Str...	14.73	31.6	ug/L	730762	3	13.56	578424	25.0
(DEL) Alkane: Str...	14.85	12.4	ug/L	286493	3	13.56	578424	25.0
Naphthalene, 1,2,...	14.96	2.9	ug/L	65860	3	13.56	578424	25.0
Benzene, 2,4-diet...	15.07	17.1	ug/L	396204	3	13.56	578424	25.0
Benzene, (1-methy...	15.18	11.6	ug/L	268809	3	13.56	578424	25.0
unknown-04	15.26	9.6	ug/L	220956	3	13.56	578424	25.0
Sulfurous acid, 2...	15.33	23.2	ug/L	537076	3	13.56	578424	25.0
(DEL) Alkane: Str...	15.56	13.8	ug/L	318674	3	13.56	578424	25.0
1H-Indene, 2,3-di...	15.66	10.3	ug/L	237235	3	13.56	578424	25.0
unknown-05	15.74	11.2	ug/L	260044	3	13.56	578424	25.0
1H-Indene, 2,3-di...	16.02	5.8	ug/L	135147	3	13.56	578424	25.0
Benzene, 1,3,5-tr...	16.17	10.6	ug/L	244233	3	13.56	578424	25.0
(DEL) Alkane: Str...	16.30	11.4	ug/L	262835	3	13.56	578424	25.0
1,4-Methanonaphth...	16.64	18.6	ug/L	429233	3	13.56	578424	25.0