

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080919\
 Data File : VW011769.D
 Acq On : 08 Aug 2019 12:31
 Operator : SY/VA
 Sample : K4215-08
 Misc : 5.67G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOB9

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\SOM2WLM073019S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.953	3	8	28	rVB2	445070	906858	0.28%	0.027%
2	2.172	36	44	62	rBV	223579	480877	0.15%	0.014%
3	2.355	62	74	85	rVV	14631654	37170322	11.38%	1.118%
4	2.446	85	89	103	rVV2	1604229	4213342	1.29%	0.127%
5	2.568	103	109	138	rVB	861283	1939378	0.59%	0.058%
6	3.026	175	184	207	rVB	855194	2275847	0.70%	0.068%
7	3.391	236	244	267	rVB3	1566359	4740213	1.45%	0.143%
8	3.592	267	277	294	rBV	781412	2337175	0.72%	0.070%
9	3.763	294	305	312	rBV	346815	1060883	0.32%	0.032%
10	3.849	312	319	336	rVV	790306	2627257	0.80%	0.079%
11	4.044	336	351	371	rVV2	973360	3920055	1.20%	0.118%
12	4.769	451	470	482	rBV5	328594	1491256	0.46%	0.045%
13	4.928	482	496	531	rBV2	3432978	16905365	5.17%	0.508%
14	5.434	565	579	610	rVB2	2694385	10894764	3.33%	0.328%
15	5.775	619	635	651	rBV4	474712	2222056	0.68%	0.067%
16	5.952	652	664	681	rVB	1022323	3951169	1.21%	0.119%
17	6.116	681	691	699	rBV	293064	978803	0.30%	0.029%
18	6.232	700	710	715	rBV2	343917	1174756	0.36%	0.035%
19	6.433	735	743	755	rVB	204923	666292	0.20%	0.020%
20	6.574	757	766	782	rVB2	320112	1300444	0.40%	0.039%
21	6.738	783	793	810	rBV	377573	1521055	0.47%	0.046%
22	7.000	825	836	850	rBV	345319	1532763	0.47%	0.046%
23	7.141	850	859	863	rBV2	63134385	133448004	40.85%	4.013%
24	7.647	933	942	948	rBV3	467161	1373710	0.42%	0.041%
25	7.714	948	953	963	rVB3	371955	1012869	0.31%	0.030%
26	7.860	967	977	982	rBV3	209920	612746	0.19%	0.018%
27	7.939	982	990	999	rBV4	769448	2758131	0.84%	0.083%
28	8.043	1000	1007	1019	rVB3	649369	2325539	0.71%	0.070%
29	8.165	1019	1027	1040	rBV	1228078	3272303	1.00%	0.098%
30	8.329	1040	1054	1065	rBV2	1434770	4075586	1.25%	0.123%
31	8.439	1066	1072	1078	rBV4	176065	465239	0.14%	0.014%
32	8.525	1080	1086	1091	rBV3	317580	696057	0.21%	0.021%
33	8.592	1091	1097	1106	rVB4	664874	1843858	0.56%	0.055%
34	8.701	1106	1115	1125	rBV	1877013	4594067	1.41%	0.138%

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 Title : VOC Analysis

35	8.799	1125	1131	1134	rBV	706263	1342563	0.41%	0.040%
36	8.842	1134	1138	1144	rVB2	680837	1363336	0.42%	0.041%
37	8.988	1155	1162	1167	rBV	5803185	11873780	3.63%	0.357%
38	9.098	1173	1180	1203	rVB	12470256	25317646	7.75%	0.761%
39	9.341	1203	1220	1226	rBV3	1445573	4522969	1.38%	0.136%
40	9.524	1240	1250	1256	rBV	252872	628531	0.19%	0.019%
41	9.616	1256	1265	1274	rBV4	428836	1145342	0.35%	0.034%
42	9.756	1281	1288	1302	rVB	2717389	5492203	1.68%	0.165%
43	9.908	1302	1313	1316	rBV3	1044652	2335414	0.71%	0.070%
44	9.969	1316	1323	1337	rVB2	5426953	17424413	5.33%	0.524%
45	10.104	1337	1345	1359	rVB	5283913	16455295	5.04%	0.495%
46	10.219	1359	1364	1375	rBV4	624218	1710015	0.52%	0.051%
47	10.329	1375	1382	1386	rBV	6707060	15748697	4.82%	0.474%
48	10.396	1386	1393	1399	rVB	30062596	62496328	19.13%	1.879%
49	10.457	1399	1403	1405	rBV	674525	1016464	0.31%	0.031%
50	10.518	1405	1413	1420	rBV	23310419	55732021	17.06%	1.676%
51	10.634	1427	1432	1433	rBV2	1372276	2013398	0.62%	0.061%
52	10.677	1434	1439	1448	rVB	5451650	13282264	4.07%	0.399%
53	10.774	1448	1455	1464	rBV4	2738129	9362320	2.87%	0.282%
54	10.859	1464	1469	1477	rVB2	3283092	7198541	2.20%	0.216%
55	10.951	1477	1484	1494	rBV	9469318	26488787	8.11%	0.797%
56	11.055	1494	1501	1507	rBV	4777722	14055719	4.30%	0.423%
57	11.116	1508	1511	1516	rVV3	3556898	8557071	2.62%	0.257%
58	11.189	1517	1523	1528	rVV	17747338	45123373	13.81%	1.357%
59	11.244	1528	1532	1543	rVV	17441466	51089064	15.64%	1.536%
60	11.353	1544	1550	1554	rVV2	9801202	26722499	8.18%	0.804%
61	11.439	1556	1564	1573	rVV4	28130493	105224809	32.21%	3.164%
62	11.536	1573	1580	1598	rVB	22209347	77343127	23.67%	2.326%
63	11.737	1607	1613	1617	rBV	15717164	33414733	10.23%	1.005%
64	11.853	1623	1632	1637	rBV5	94279846	300742843	92.06%	9.043%
65	12.024	1656	1660	1665	rBV3	4942164	10436029	3.19%	0.314%
66	12.097	1666	1672	1676	rBV2	16534692	35233564	10.78%	1.059%
67	12.176	1676	1685	1694	rBV4	92373393	326696987	100.00%	9.824%
68	12.292	1697	1704	1709	rVV4	48267756	131960007	40.39%	3.968%
69	12.402	1711	1722	1733	rVB10	71000476	325885135	99.75%	9.800%
70	12.493	1733	1737	1740	rBV3	13985540	24262088	7.43%	0.730%
71	12.682	1763	1768	1772	rBV2	31458052	50109651	15.34%	1.507%

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72	12.810	1780	1789	1795	rVB6	60918780	186207386	57.00%	5.599%
73	12.884	1795	1801	1805	rBV3	57346060	125547951	38.43%	3.775%
74	12.944	1805	1811	1814	rBV4	82579700	173791337	53.20%	5.226%
75	13.018	1819	1823	1828	rVB2	44316572	82324915	25.20%	2.476%
76	13.103	1829	1837	1841	rBV3	30865290	79286645	24.27%	2.384%
77	13.146	1841	1844	1846	rVV	24073198	37584002	11.50%	1.130%
78	13.182	1846	1850	1859	rVB4	53038380	109020047	33.37%	3.278%
79	13.268	1860	1864	1868	rBV	20495882	31746921	9.72%	0.955%
80	13.359	1875	1879	1882	rVB2	14594874	18938509	5.80%	0.569%
81	13.396	1882	1885	1887	rBV3	6155872	6909124	2.11%	0.208%
82	13.457	1888	1895	1899	rBV5	35027792	85977398	26.32%	2.585%
83	13.530	1904	1907	1909	rVV2	10553306	13542812	4.15%	0.407%
84	13.560	1909	1912	1915	rVV	17589616	20883820	6.39%	0.628%
85	13.603	1915	1919	1921	rVV2	11997176	18190741	5.57%	0.547%
86	13.627	1921	1923	1930	rVB	19294342	28978002	8.87%	0.871%
87	13.713	1930	1937	1941	rBV3	10549246	24052478	7.36%	0.723%
88	13.755	1941	1944	1949	rVB4	4291585	6082465	1.86%	0.183%
89	13.883	1959	1965	1970	rBV2	69148432	117532771	35.98%	3.534%
90	14.024	1985	1988	1998	rBV7	3119968	8176916	2.50%	0.246%
91	14.200	2012	2017	2024	rBV5	2888056	6910733	2.12%	0.208%
92	14.267	2024	2028	2034	rVV8	2178136	4902022	1.50%	0.147%
93	14.334	2035	2039	2042	rVV6	1756152	3964556	1.21%	0.119%
94	14.389	2043	2048	2052	rVV3	6469123	11347254	3.47%	0.341%
95	14.426	2052	2054	2062	rVB6	1985327	3452716	1.06%	0.104%
96	14.499	2062	2066	2070	rVB2	1461700	1983111	0.61%	0.060%
97	14.554	2070	2075	2080	rVB4	1797056	3090259	0.95%	0.093%
98	14.603	2080	2083	2087	rBV4	351181	551203	0.17%	0.017%
99	14.719	2094	2102	2109	rVB4	1024616	2403853	0.74%	0.072%
100	14.792	2109	2114	2122	rVB3	683845	1541945	0.47%	0.046%

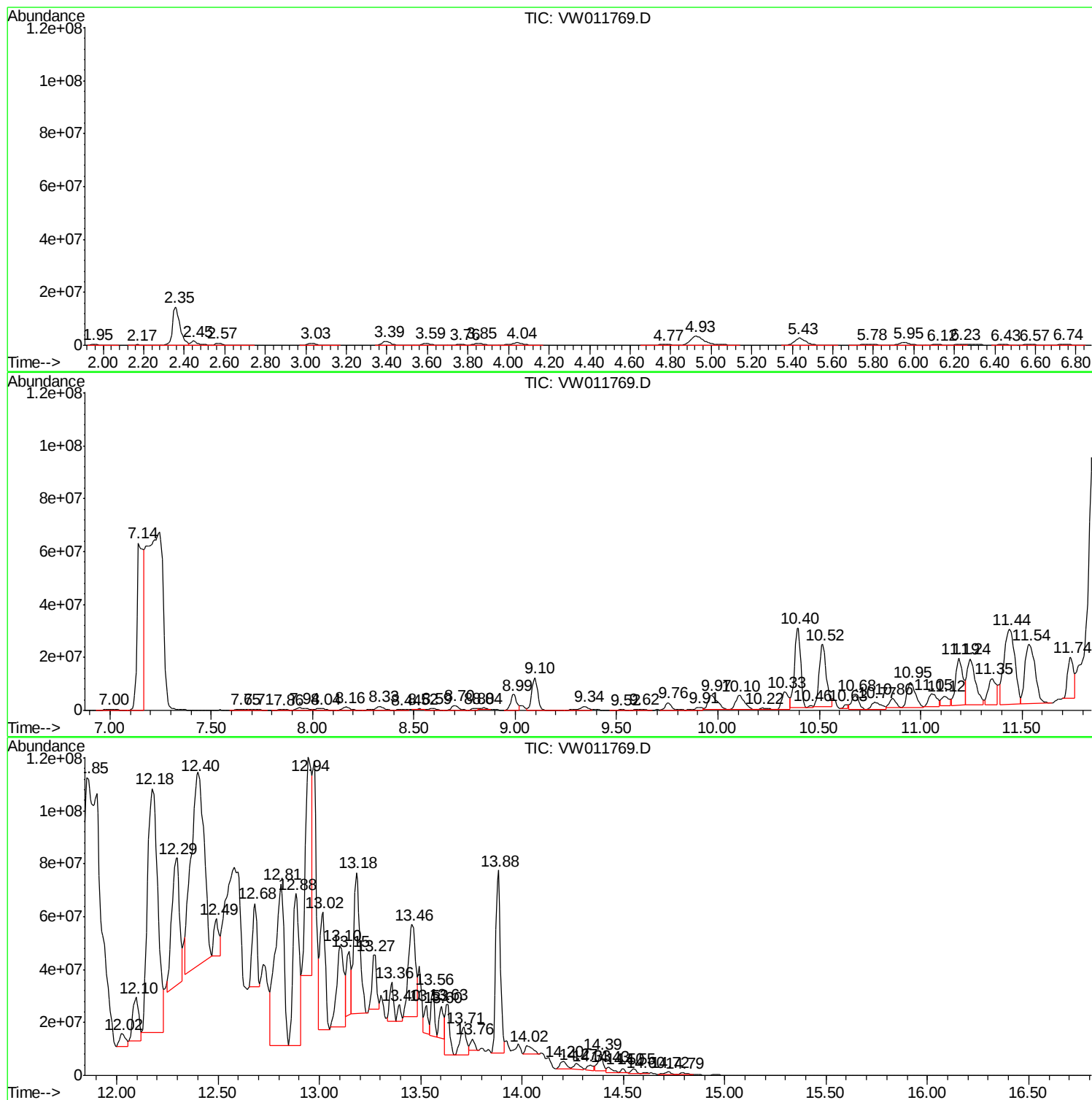
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Instrument :
MSVOA_W
ClientSampleId :
ETOB9

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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



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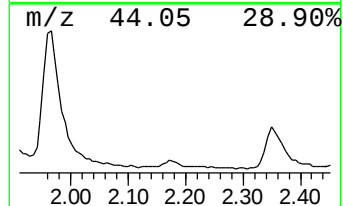
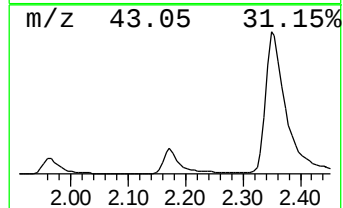
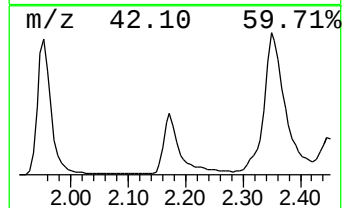
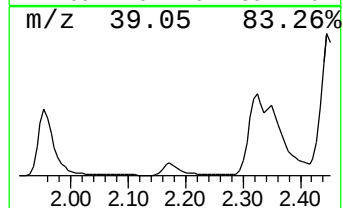
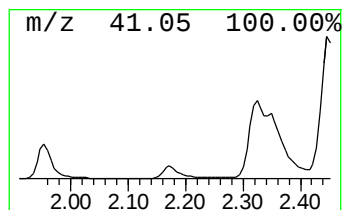
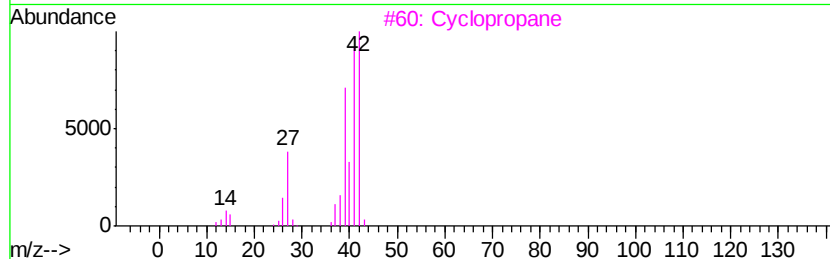
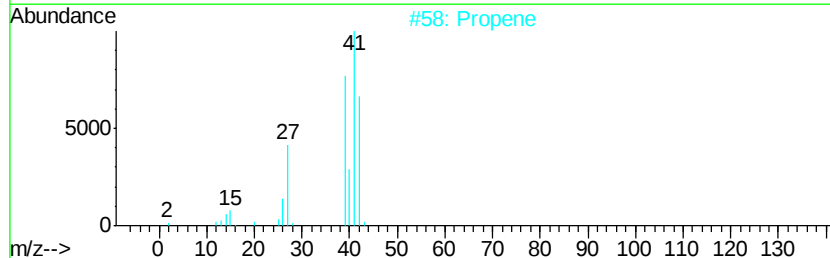
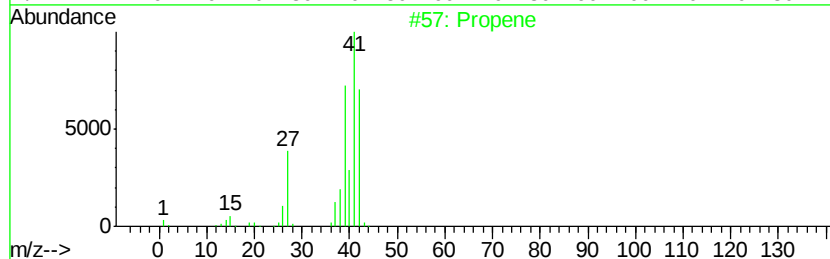
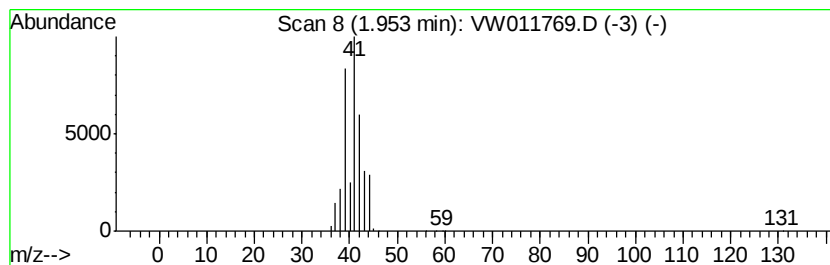
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Cyclic1.95 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.95	16.63 ug/L	906858	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propene	42	C3H6	000115-07-1	90
2		Propene	42	C3H6	000115-07-1	42
3		Cyclopropane	42	C3H6	000075-19-4	9
4		Cyclopropene	40	C3H4	002781-85-3	9
5		Cyclopropane	42	C3H6	000075-19-4	7



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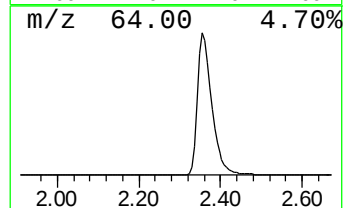
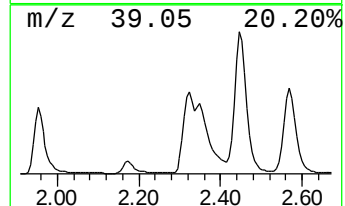
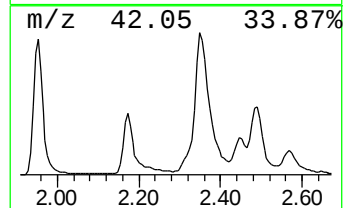
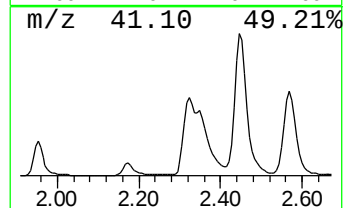
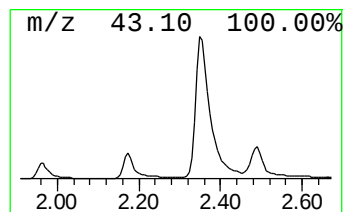
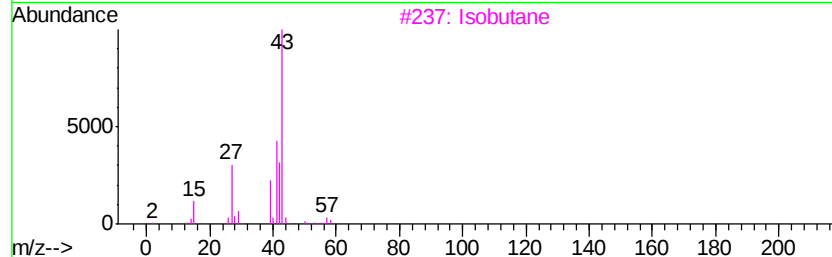
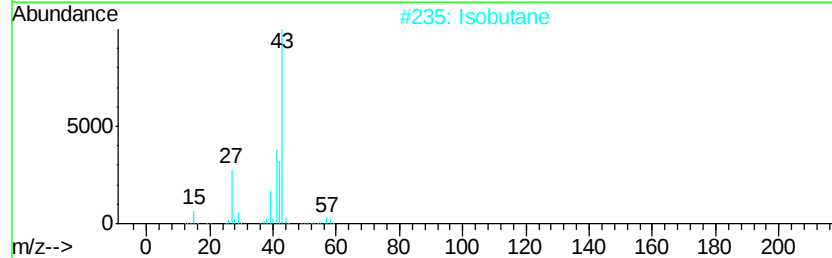
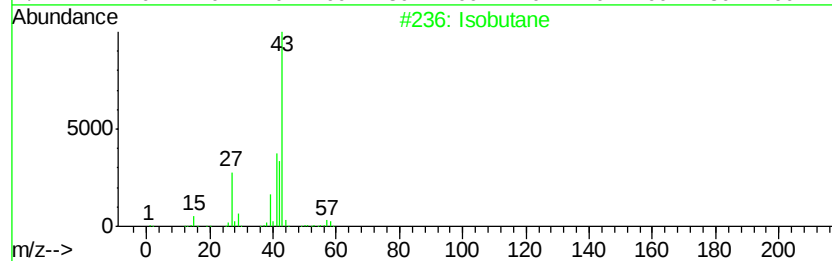
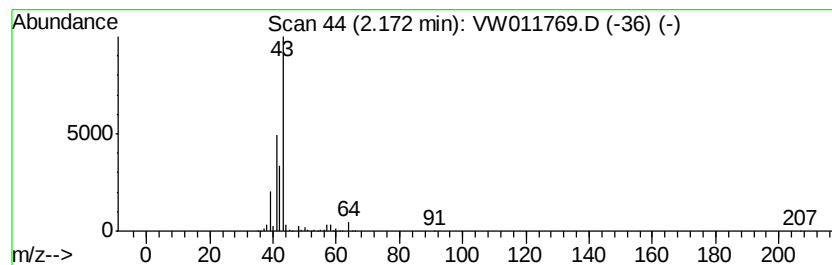
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Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	8.82 ug/L	480877	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutane	58	C4H10	000075-28-5	58
2		Isobutane	58	C4H10	000075-28-5	52
3		Isobutane	58	C4H10	000075-28-5	50
4		Isobutane	58	C4H10	000075-28-5	47
5		Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	40



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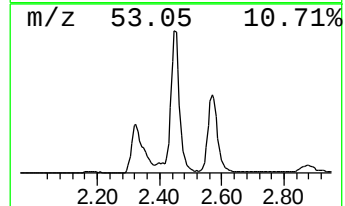
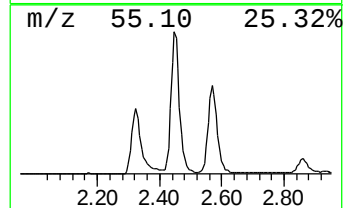
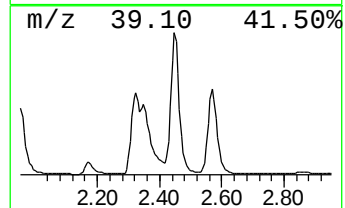
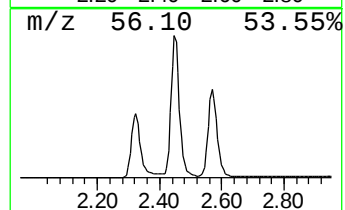
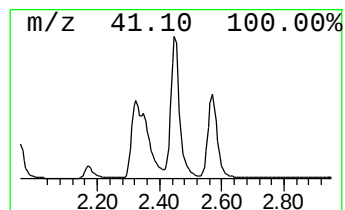
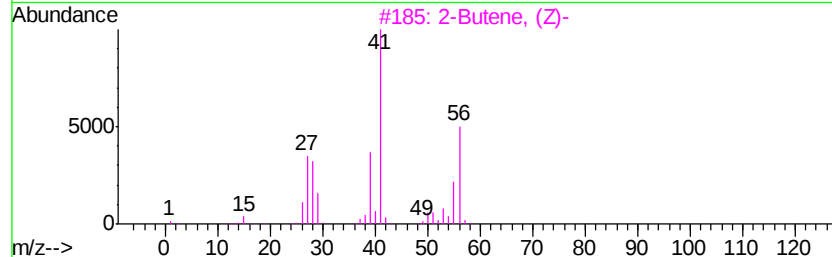
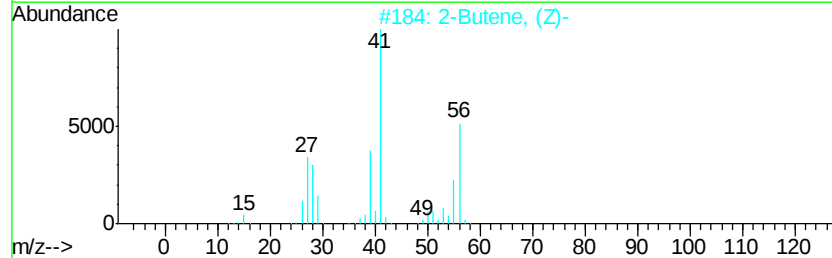
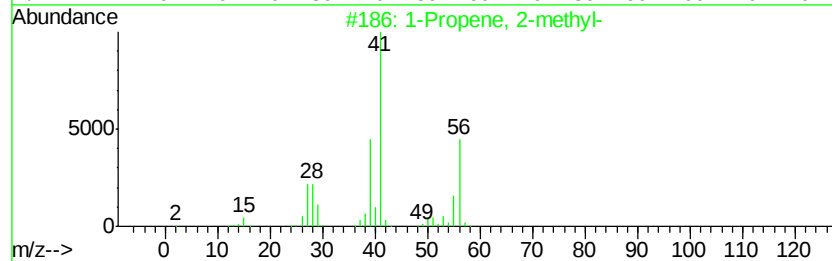
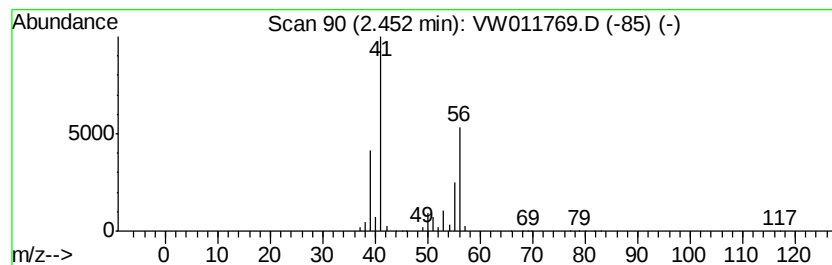
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic2.45 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	77.26 ug/L	4213340	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	87
2		2-Butene, (Z)-	56	C4H8	000590-18-1	83
3		2-Butene, (Z)-	56	C4H8	000590-18-1	80
4		1-Propene, 2-methyl-	56	C4H8	000115-11-7	80
5		2-Butene, (E)-	56	C4H8	000624-64-6	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

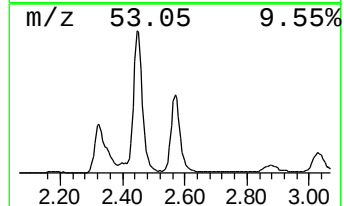
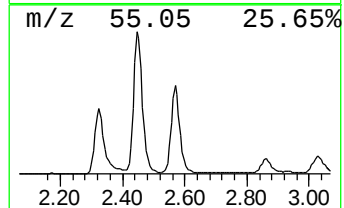
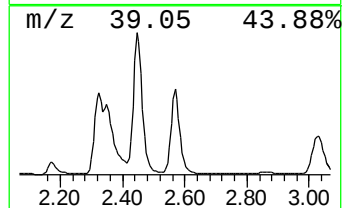
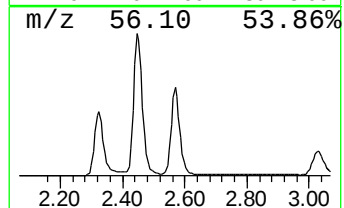
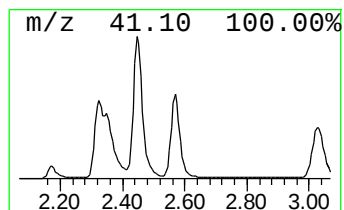
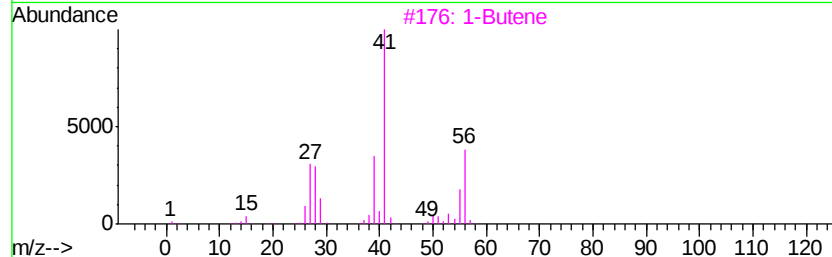
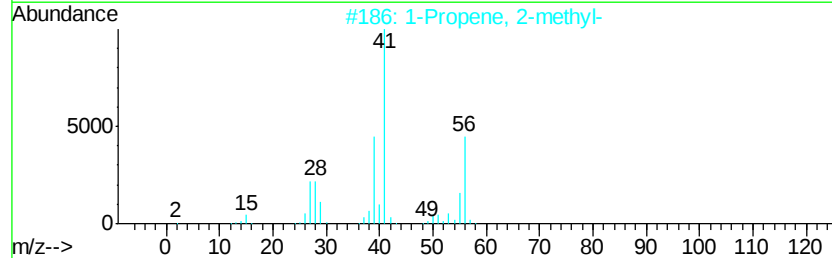
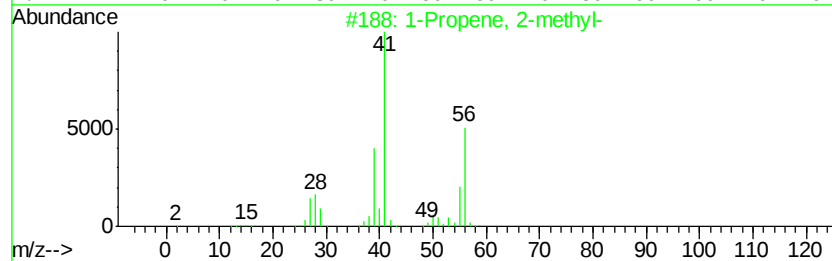
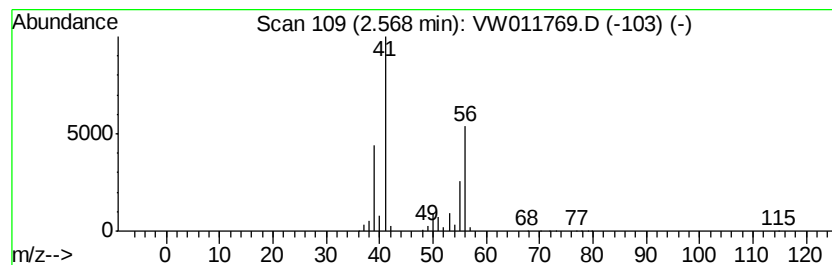
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Cyclic2.57 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.57	35.56 ug/L	1939380	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	83
2		1-Propene, 2-methyl-	56	C4H8	000115-11-7	83
3		1-Butene	56	C4H8	000106-98-9	80
4		1-Butene	56	C4H8	000106-98-9	80
5		1-Butene	56	C4H8	000106-98-9	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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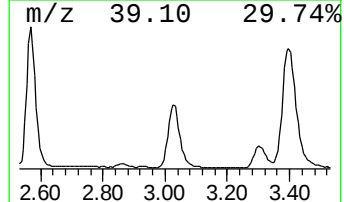
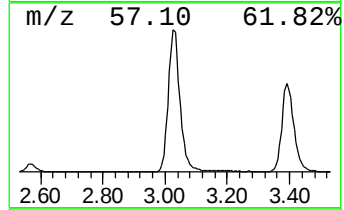
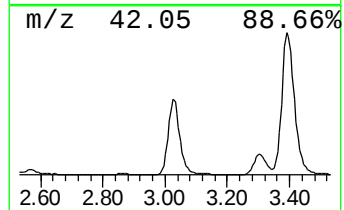
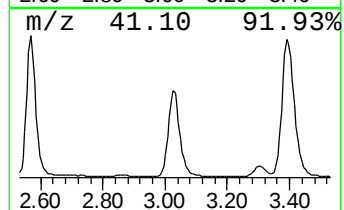
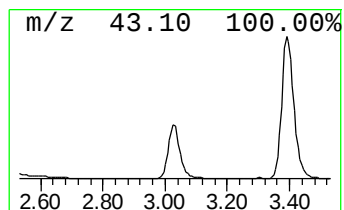
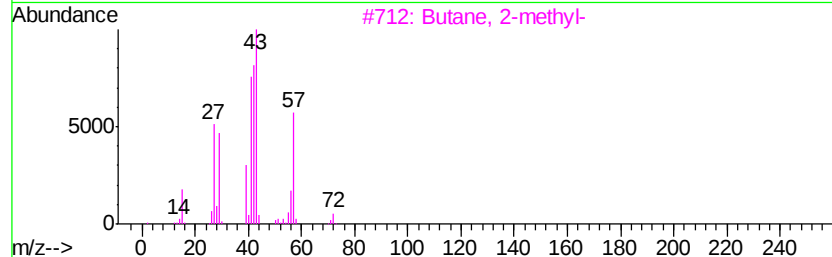
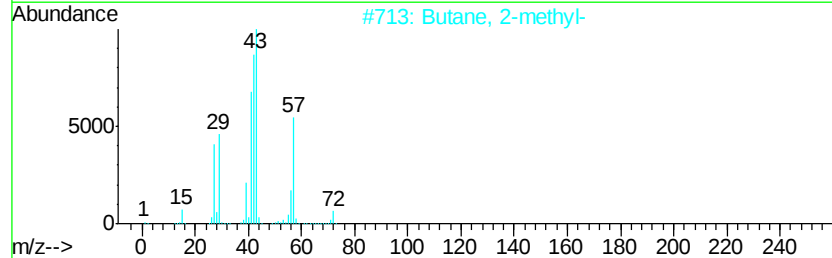
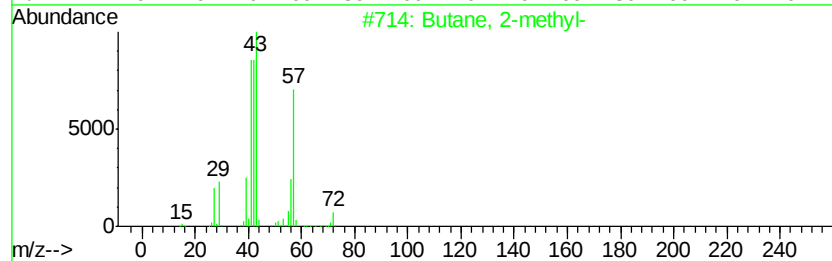
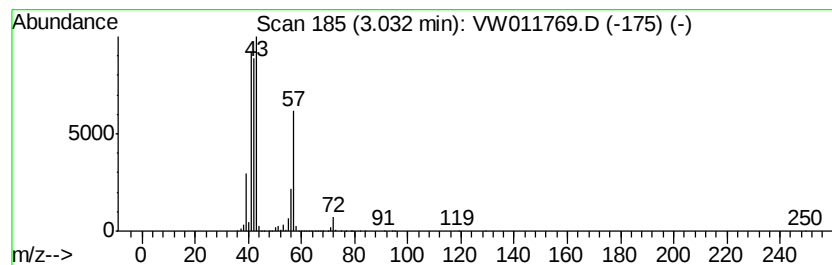
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	41.73 ug/L	2275850	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2		Butane, 2-methyl-	72	C5H12	000078-78-4	91
3		Butane, 2-methyl-	72	C5H12	000078-78-4	90
4		Pentane	72	C5H12	000109-66-0	36
5		3-Buten-1-ol	72	C4H8O	000627-27-0	28



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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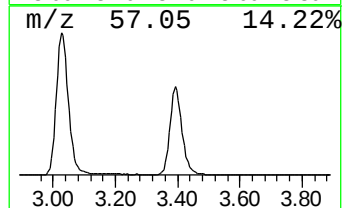
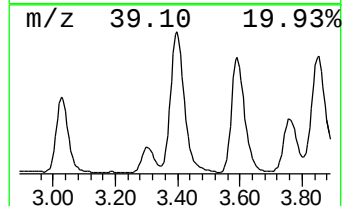
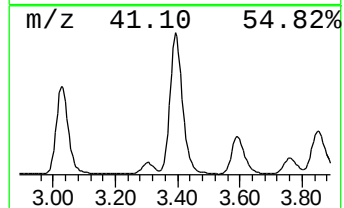
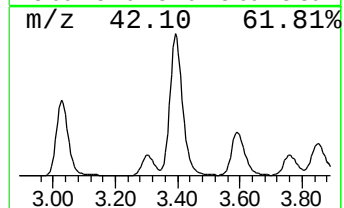
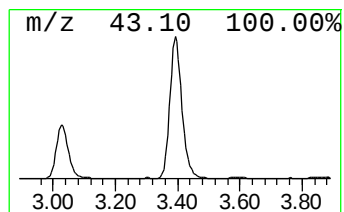
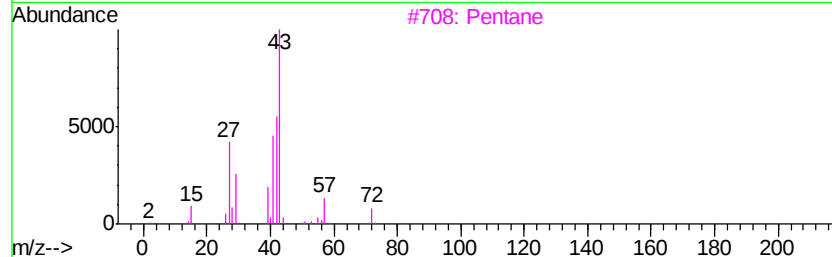
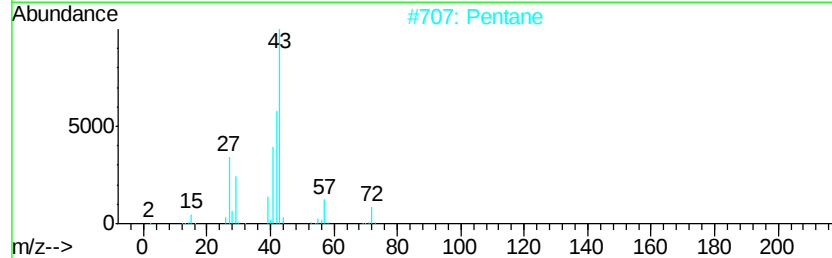
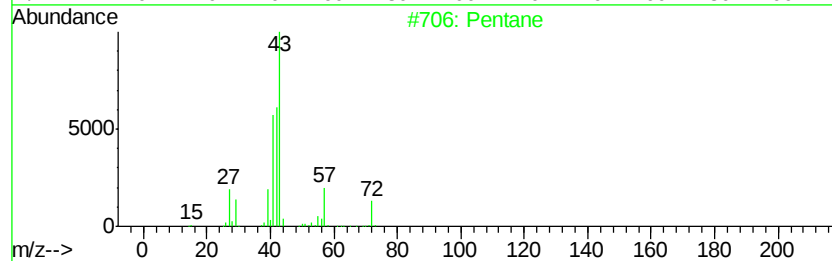
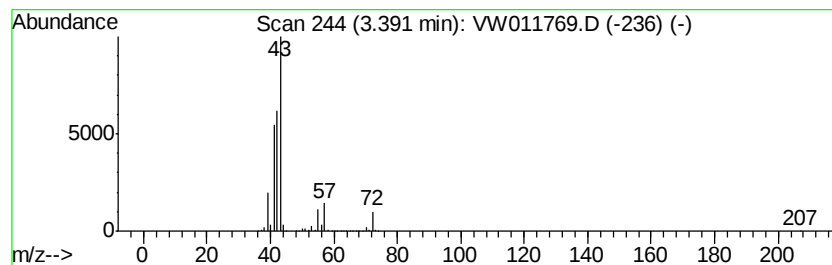
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	86.92 ug/L	4740210	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	91
2		Pentane	72	C5H12	000109-66-0	86
3		Pentane	72	C5H12	000109-66-0	86
4		Pentane	72	C5H12	000109-66-0	64
5		Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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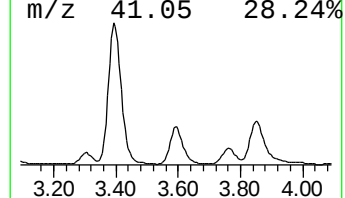
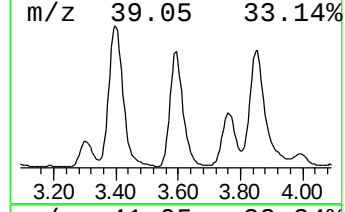
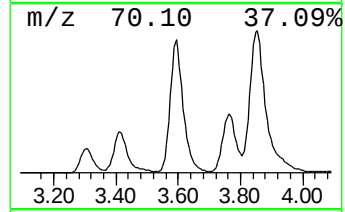
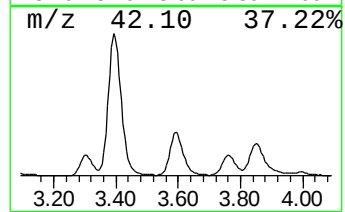
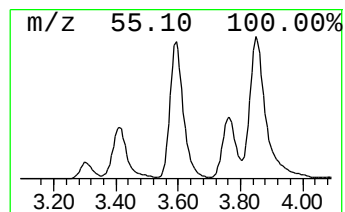
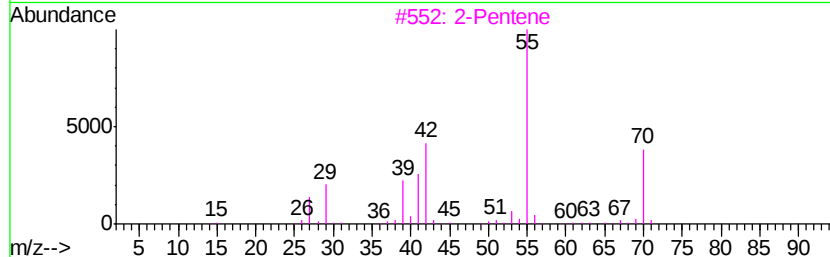
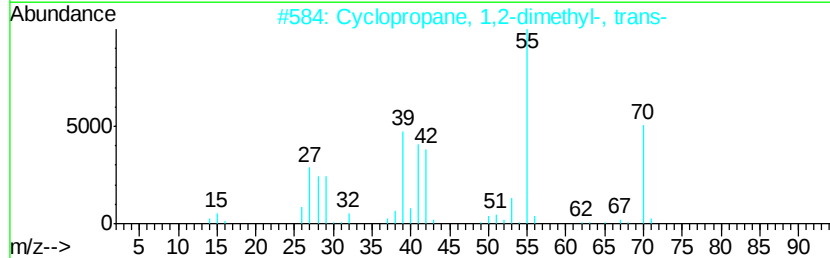
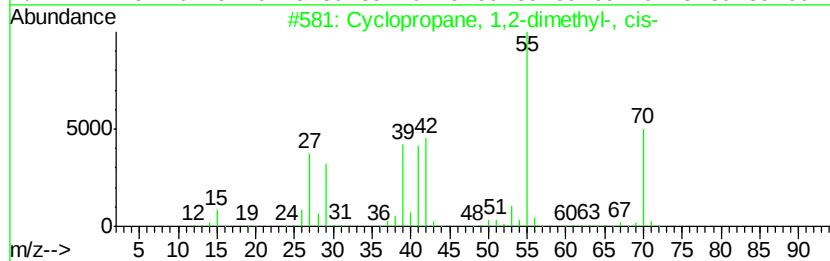
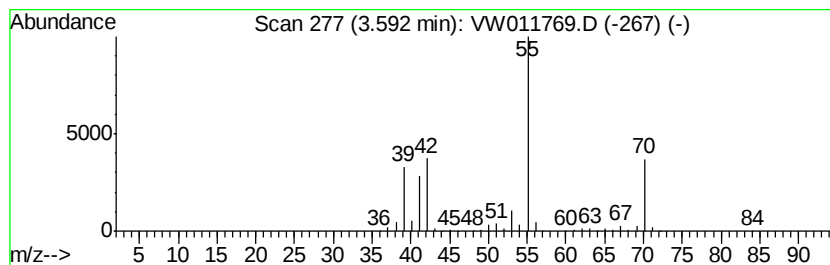
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Cyclic3.59 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.59	42.86 ug/L	2337180	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
2		Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	91
3		2-Pentene	70	C5H10	000109-68-2	91
4		2-Methyl-1-butene	70	C5H10	000563-46-2	91
5		2-Pentene, (Z)-	70	C5H10	000627-20-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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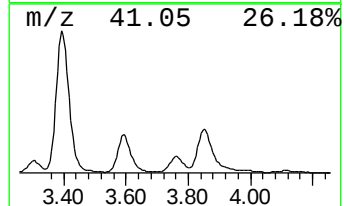
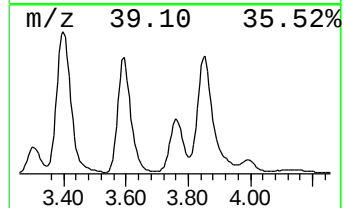
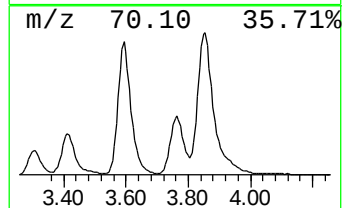
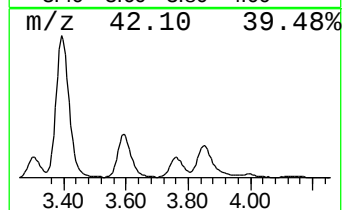
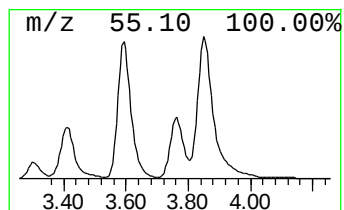
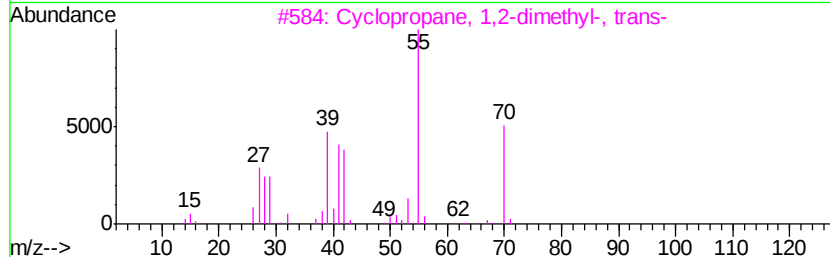
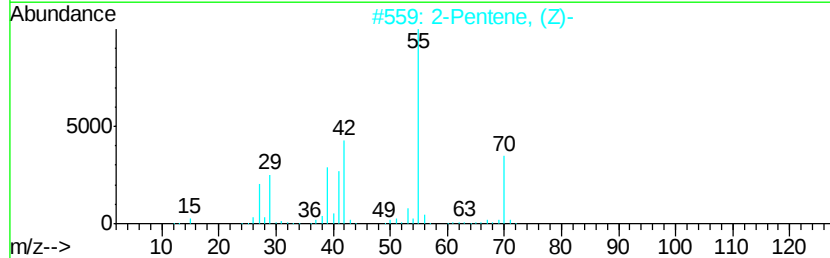
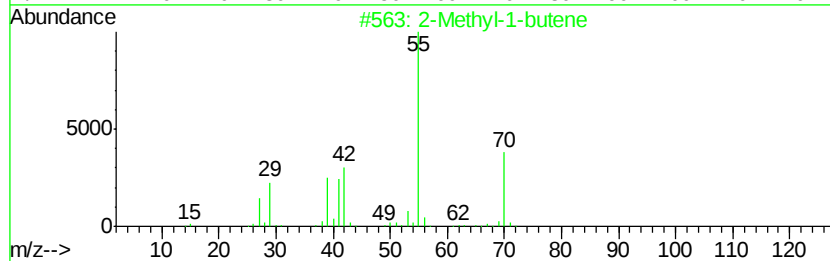
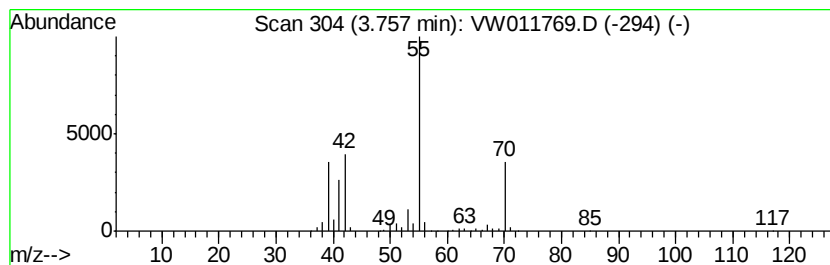
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Cyclic3.76 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	19.45 ug/L	1060880	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methyl-1-butene	70	C5H10	000563-46-2	91
2		2-Pentene, (Z)-	70	C5H10	000627-20-3	90
3		Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	90
4		2-Pentene	70	C5H10	000109-68-2	87
5		2-Pentene, (Z)-	70	C5H10	000627-20-3	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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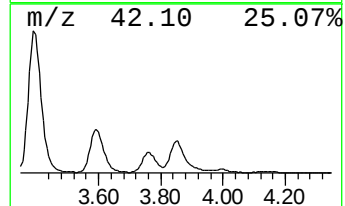
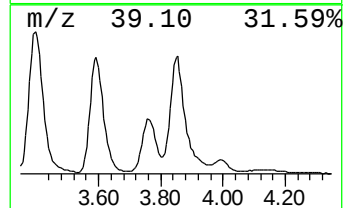
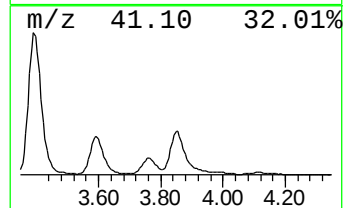
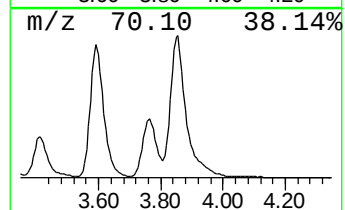
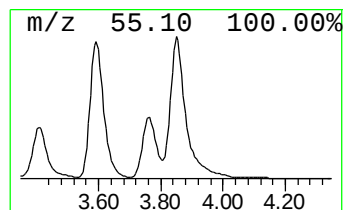
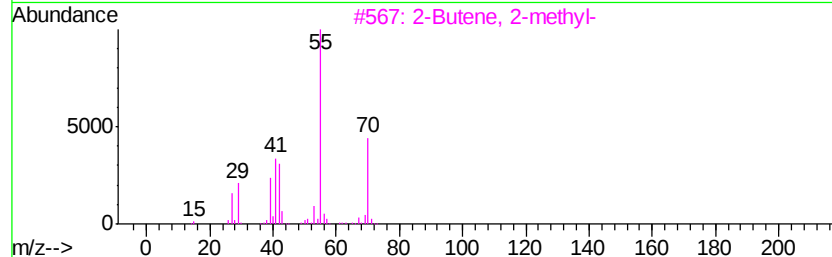
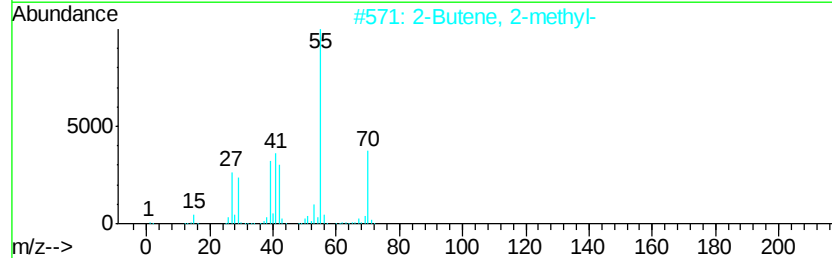
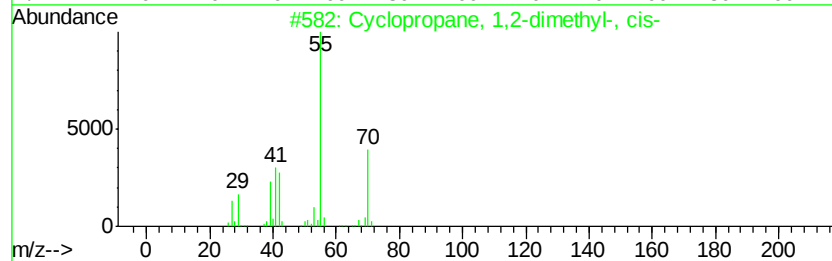
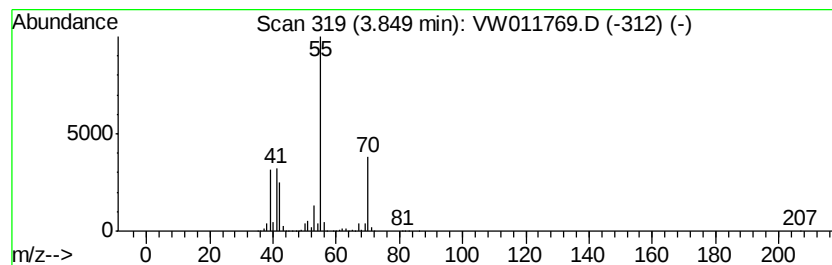
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Cyclic3.85 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.85	48.18 ug/L	2627260	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
2		2-Butene, 2-methyl-	70	C5H10	000513-35-9	91
3		2-Butene, 2-methyl-	70	C5H10	000513-35-9	90
4		2-Pentene, (E)-	70	C5H10	000646-04-8	87
5		2-Butene, 2-methyl-	70	C5H10	000513-35-9	86



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

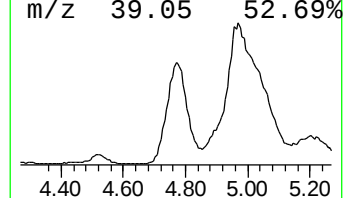
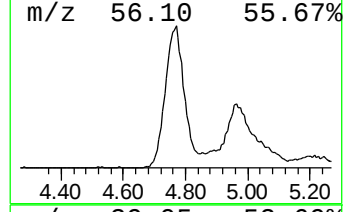
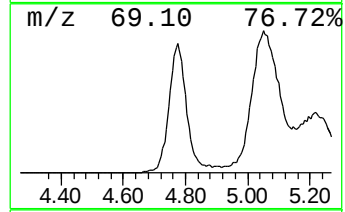
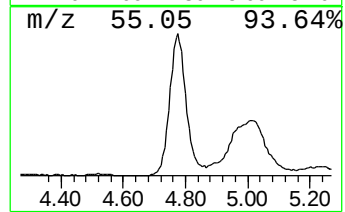
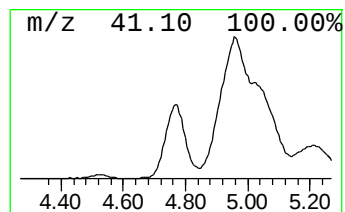
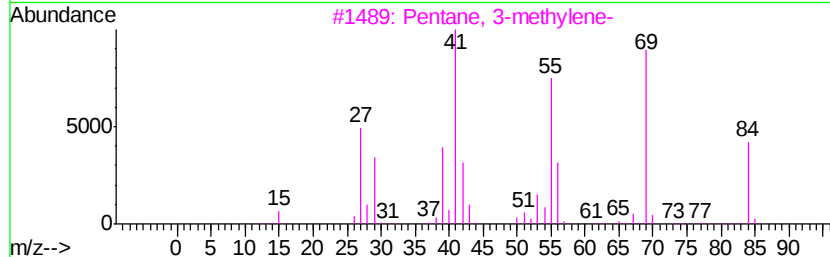
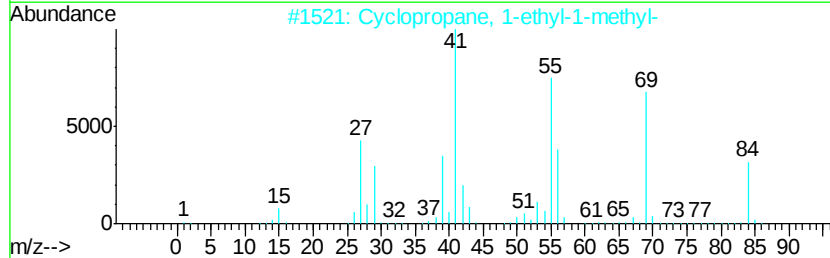
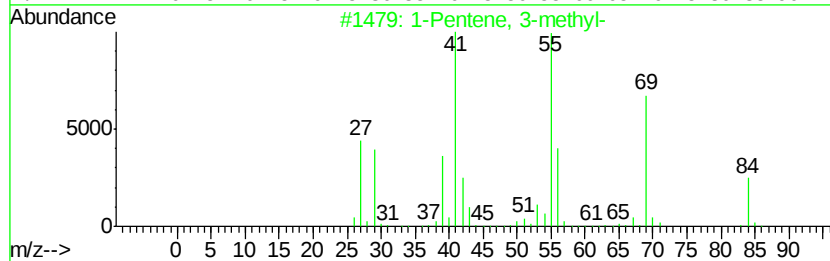
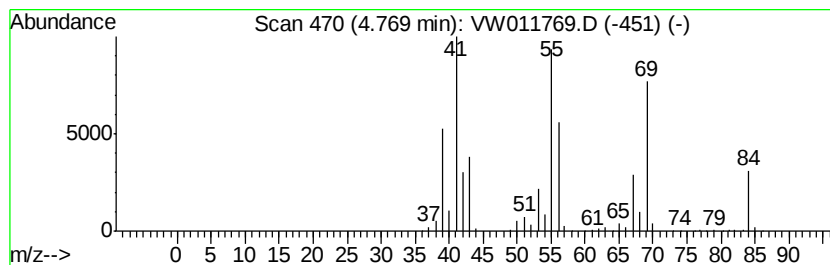
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Cyclic4.77 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	27.35 ug/L	1491260	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentene, 3-methyl-	84	C6H12	000760-20-3	76
2			Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	76
3			Pentane, 3-methylene-	84	C6H12	000760-21-4	52
4			1-Pentene, 3-methyl-	84	C6H12	000760-20-3	52
5			Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

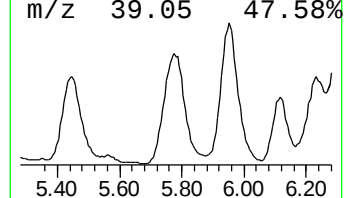
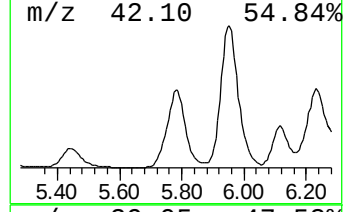
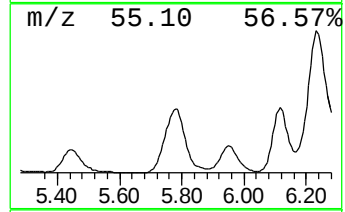
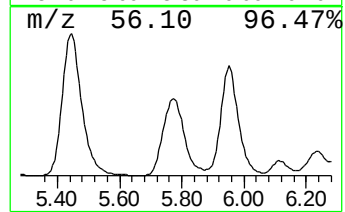
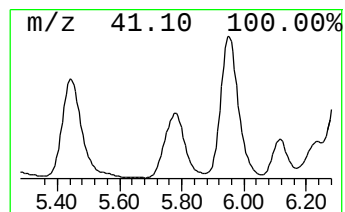
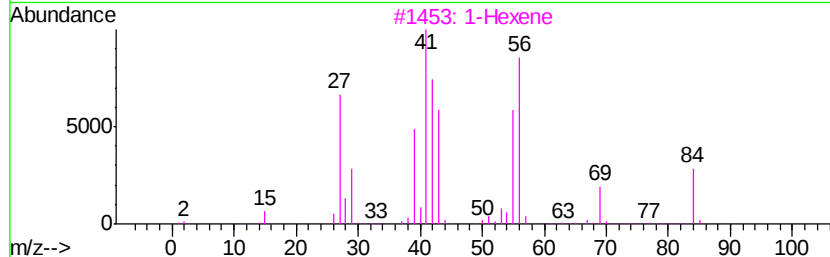
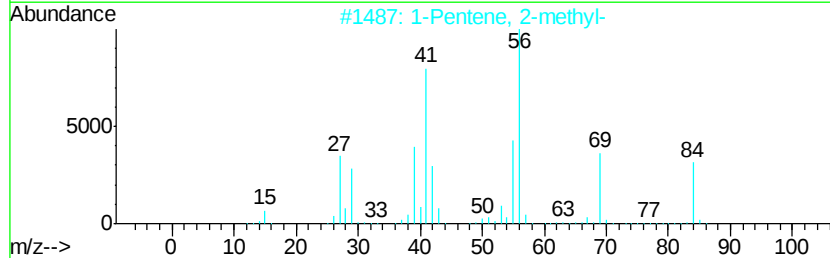
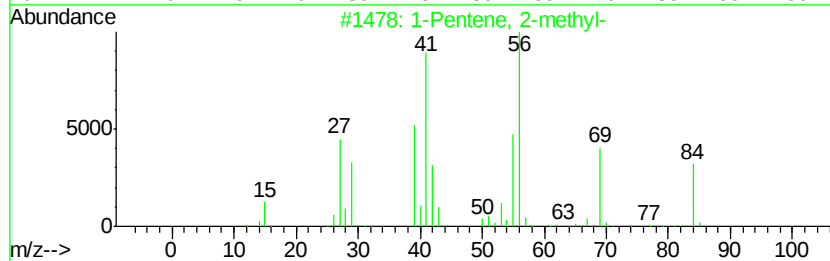
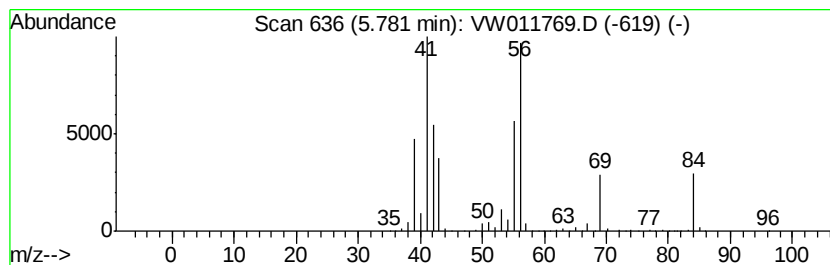
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Cyclic5.78 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.78	40.75 ug/L	2222060	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	90
2		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	87
3		1-Hexene	84	C6H12	000592-41-6	81
4		1-Hexene	84	C6H12	000592-41-6	64
5		Cyclopropane, propyl-	84	C6H12	002415-72-7	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

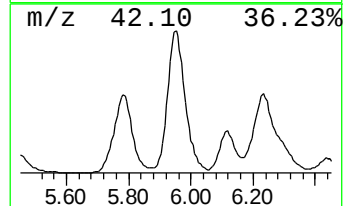
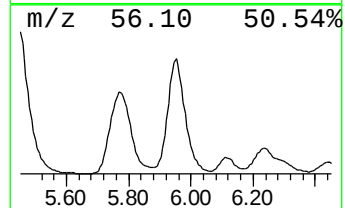
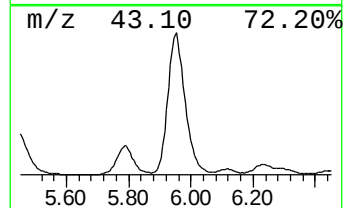
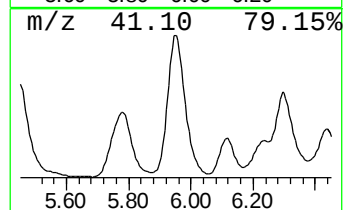
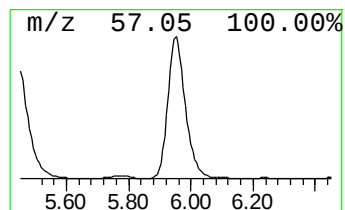
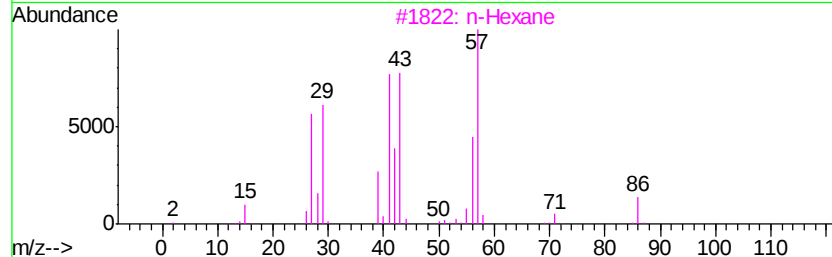
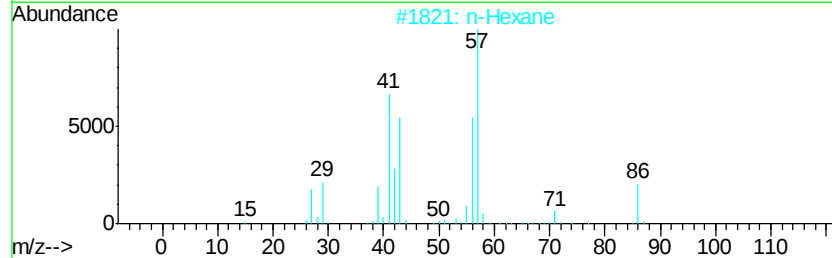
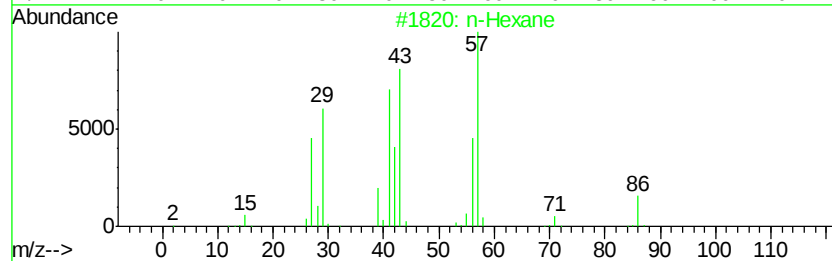
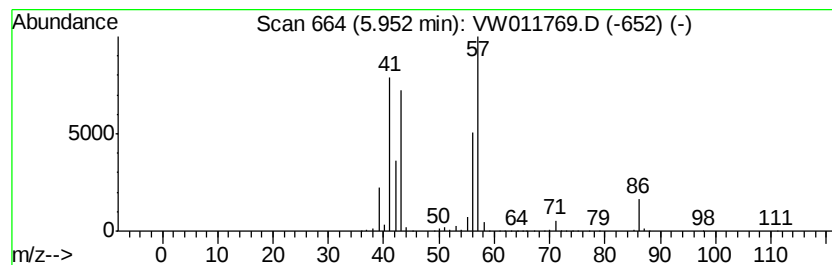
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	72.45 ug/L	3951170	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	91
2		n-Hexane	86	C6H14	000110-54-3	91
3		n-Hexane	86	C6H14	000110-54-3	91
4		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	40
5		Butanal, 2-methyl-	86	C5H10O	000096-17-3	38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
ETOB9

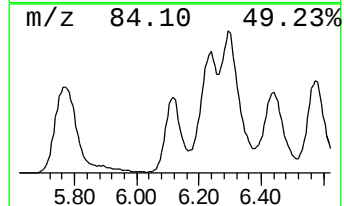
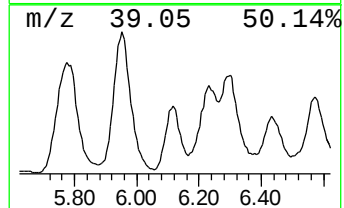
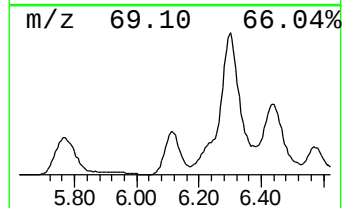
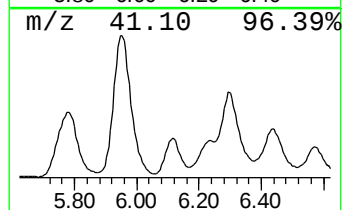
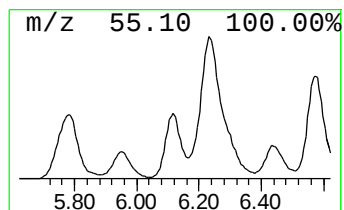
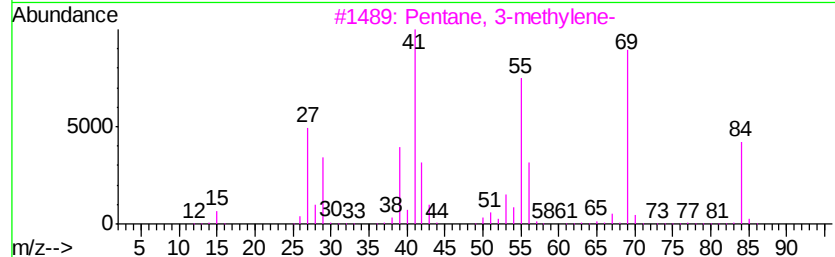
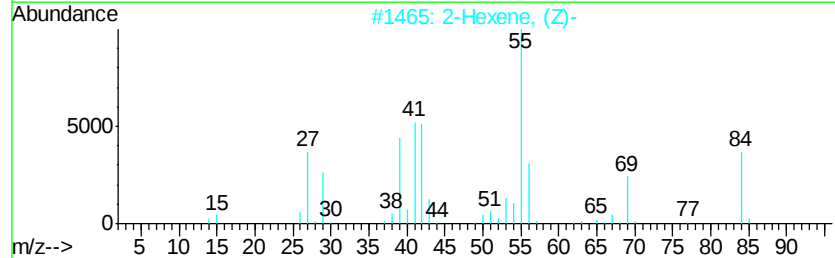
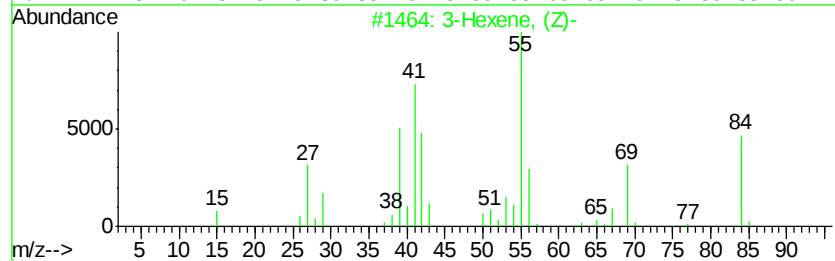
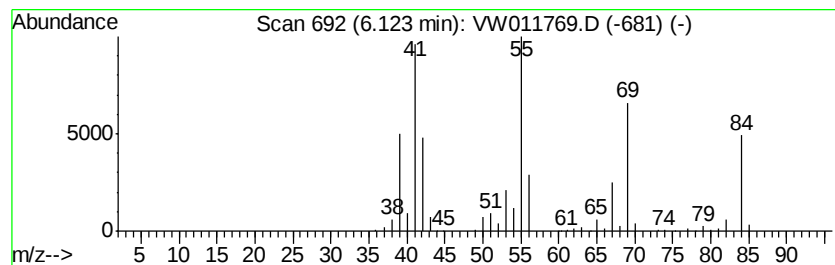
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Cyclic6.12 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	17.95 ug/L	978803	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Hexene, (Z)-	84	C6H12	007642-09-3	93
2		2-Hexene, (Z)-	84	C6H12	007688-21-3	87
3		Pentane, 3-methylene-	84	C6H12	000760-21-4	68
4		Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	64
5		2-Hexene	84	C6H12	000592-43-8	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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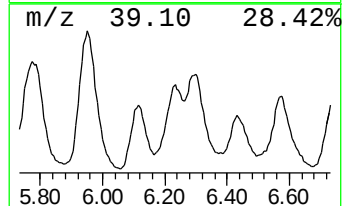
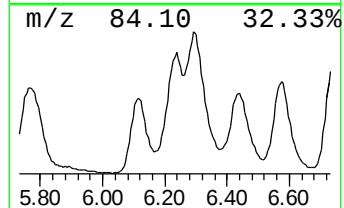
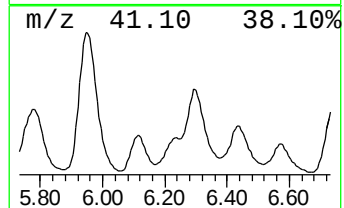
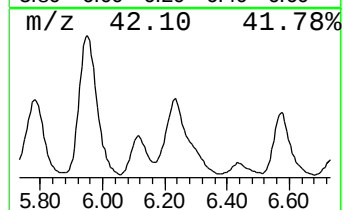
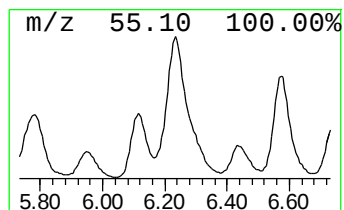
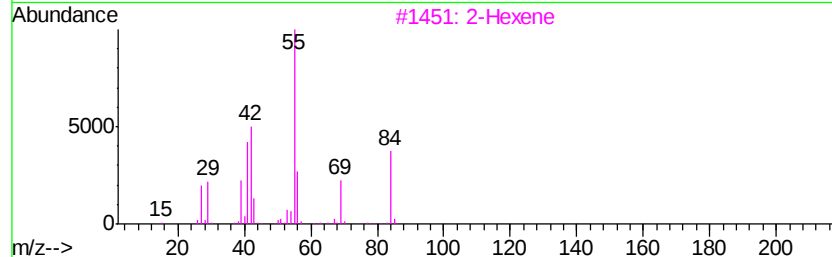
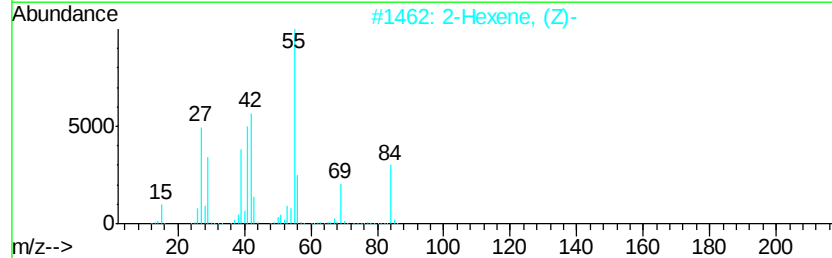
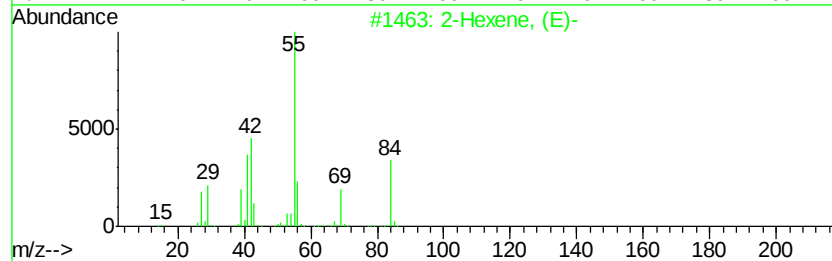
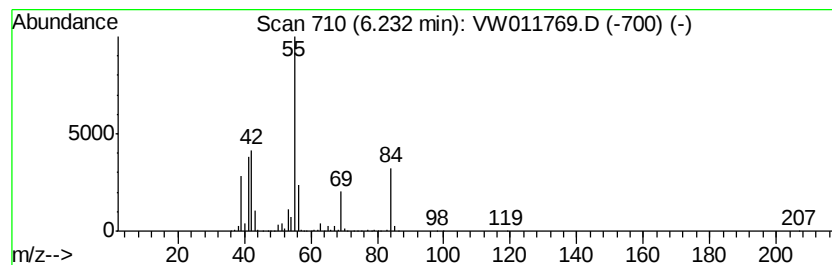
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Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Cyclic6.23 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	21.54 ug/L	1174760	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hexene, (E)-	84	C6H12	004050-45-7	91
2		2-Hexene, (Z)-	84	C6H12	007688-21-3	91
3		2-Hexene	84	C6H12	000592-43-8	91
4		2-Hexene, (E)-	84	C6H12	004050-45-7	91
5		2-Hexene, (Z)-	84	C6H12	007688-21-3	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

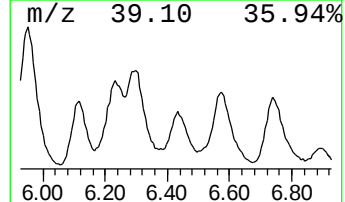
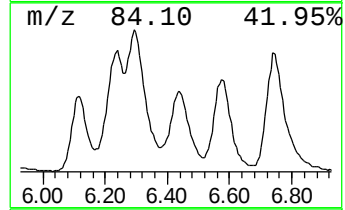
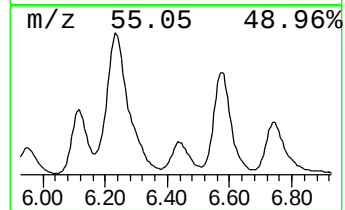
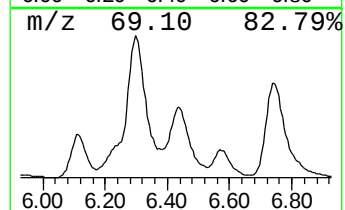
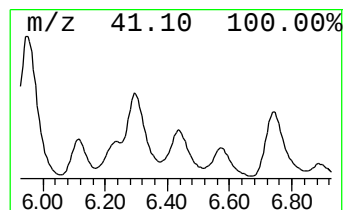
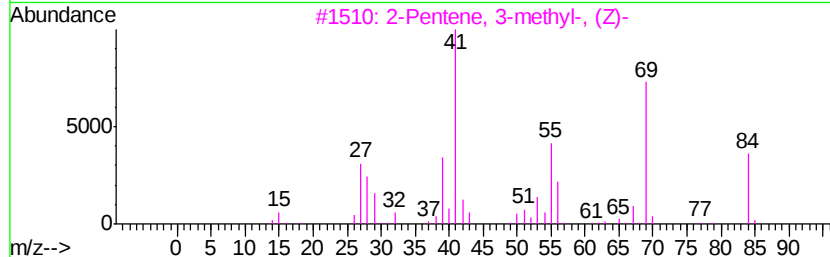
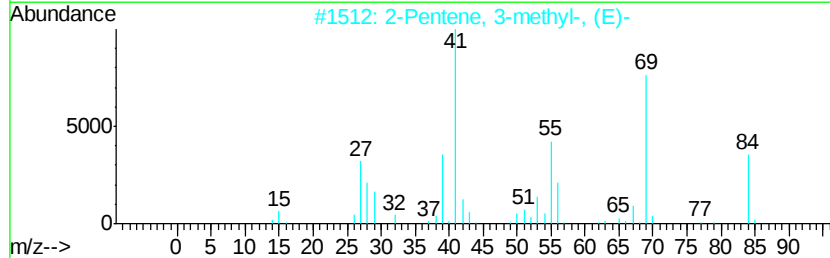
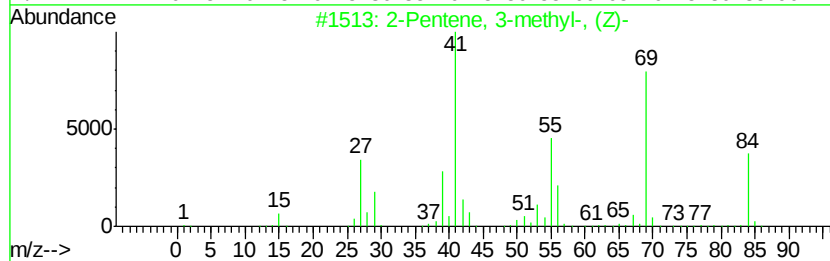
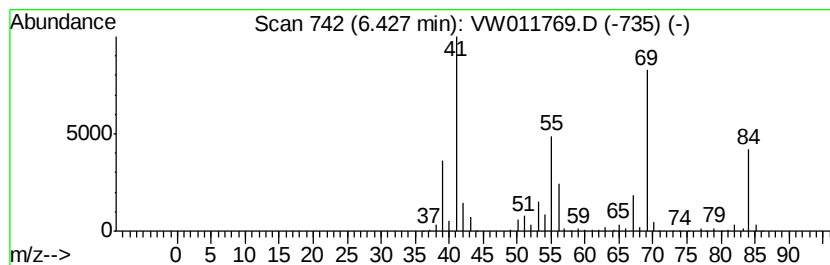
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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Cyclic6.43 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	12.22 ug/L	666292	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	93
2		2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	93
3		2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	91
4		2-Pentene, 3-methyl-	84	C6H12	000922-61-2	90
5		2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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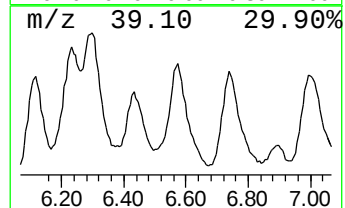
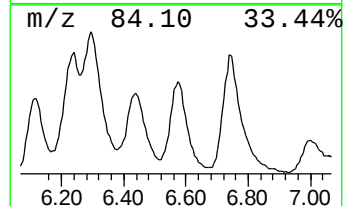
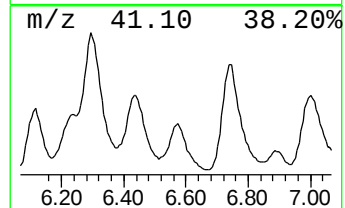
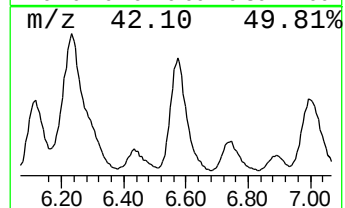
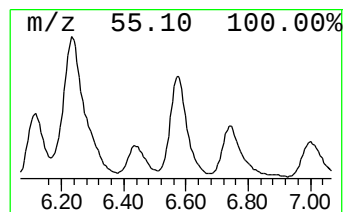
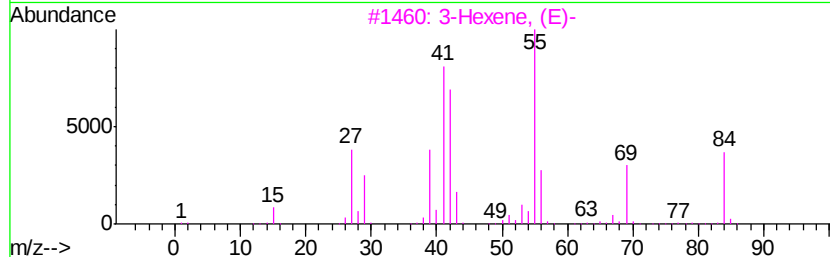
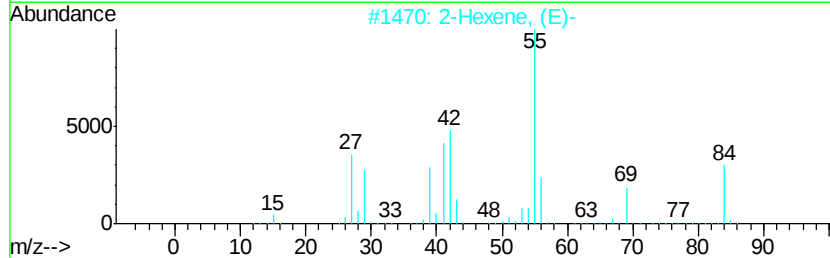
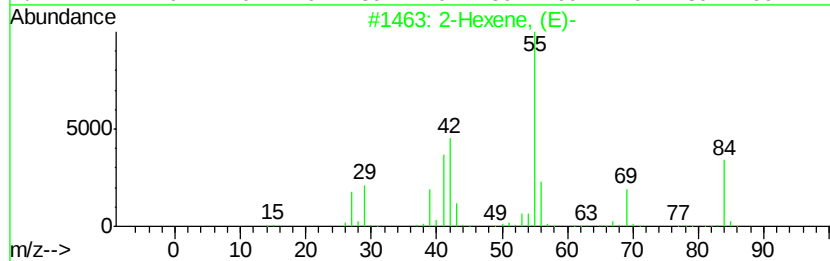
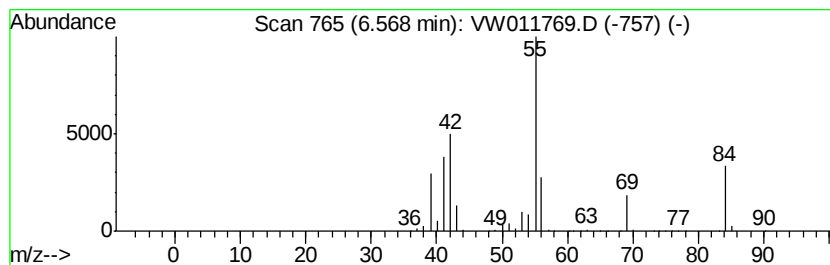
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Cyclic6.57 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	23.85 ug/L	1300440	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexene, (E)-	84	C6H12	004050-45-7	91
2			2-Hexene, (E)-	84	C6H12	004050-45-7	91
3			3-Hexene, (E)-	84	C6H12	013269-52-8	87
4			2-Hexene, (Z)-	84	C6H12	007688-21-3	87
5			3-Hexene, (Z)-	84	C6H12	007642-09-3	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

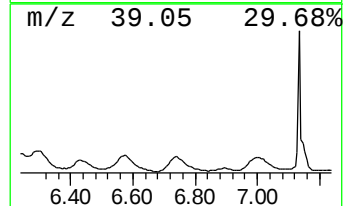
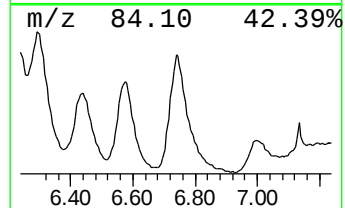
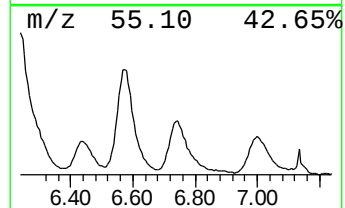
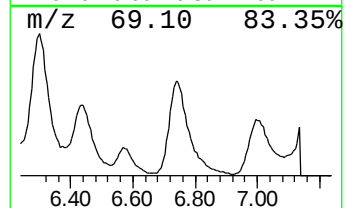
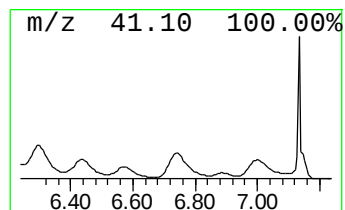
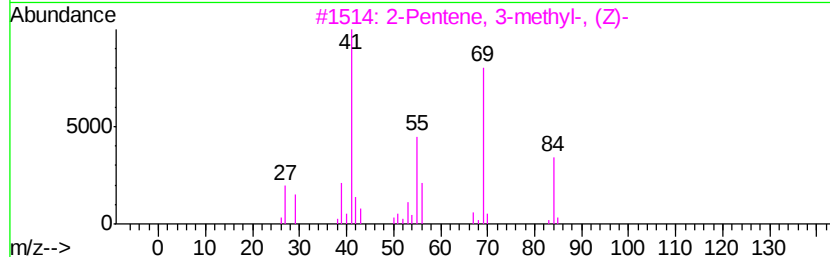
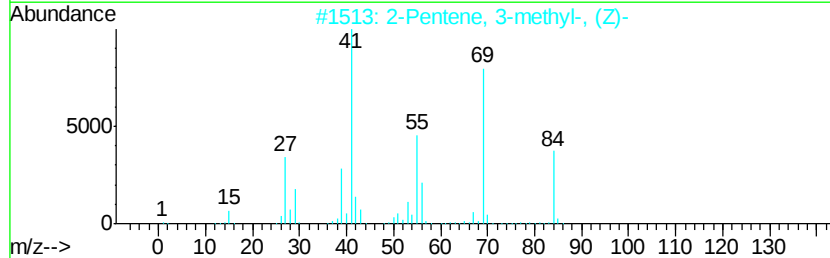
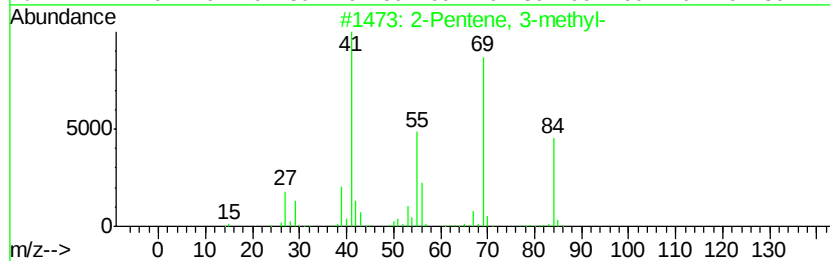
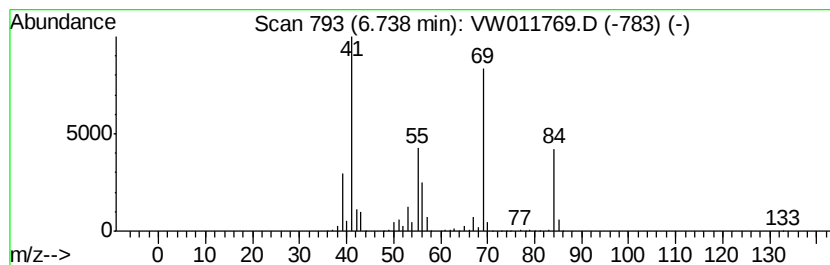
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Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Cyclic6.74 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	27.89 ug/L	1521060	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-			84	C6H12	000922-61-2	94
2	2-Pentene, 3-methyl-, (Z)-			84	C6H12	000922-62-3	94
3	2-Pentene, 3-methyl-, (Z)-			84	C6H12	000922-62-3	91
4	2-Pentene, 3-methyl-, (E)-			84	C6H12	000616-12-6	91
5	2-Pentene, 3-methyl-, (E)-			84	C6H12	000616-12-6	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

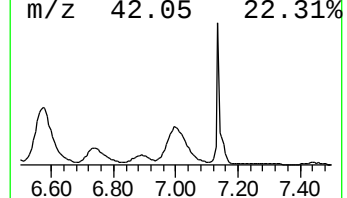
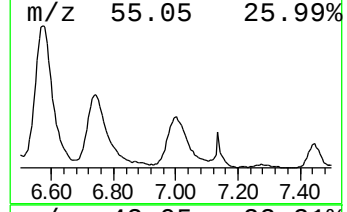
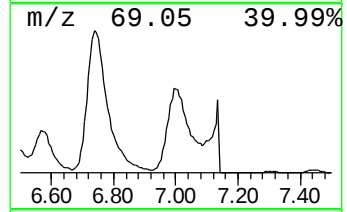
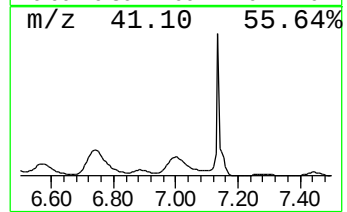
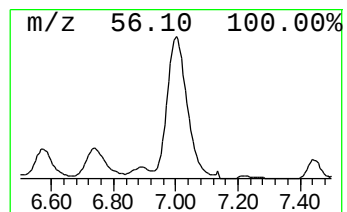
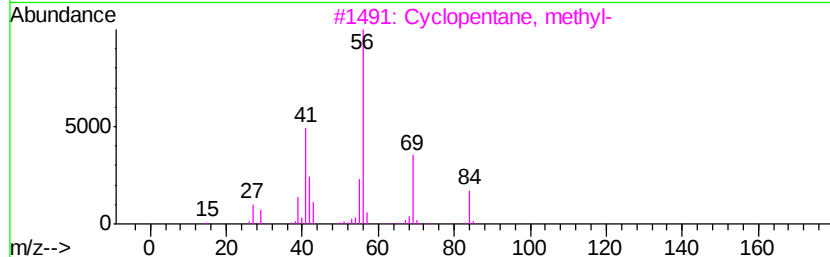
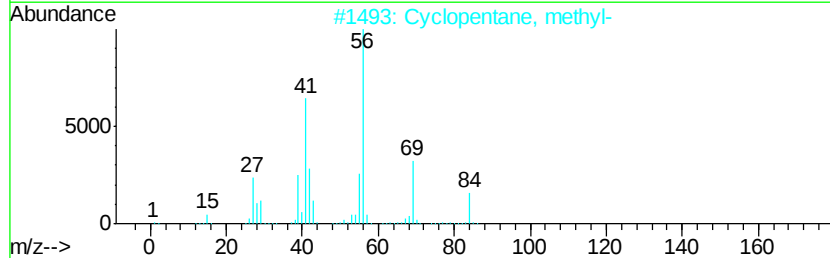
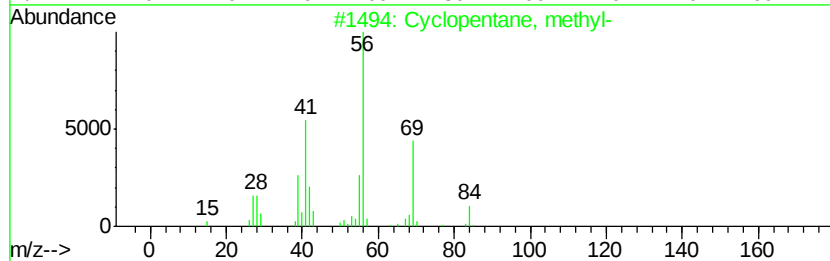
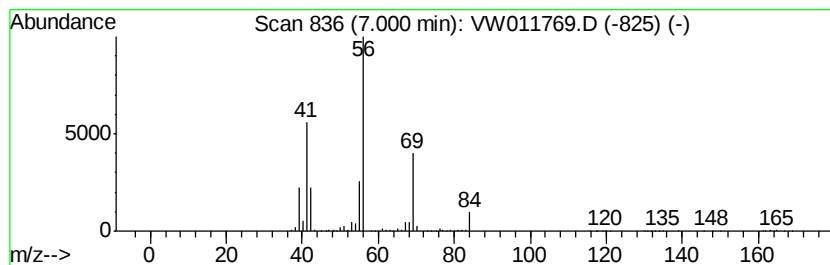
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Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Cyclic7.00 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	28.11 ug/L	1532760	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2			Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3			Cyclopentane, methyl-	84	C6H12	000096-37-7	78
4			1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
5			Cyclobutane, ethyl-	84	C6H12	004806-61-5	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

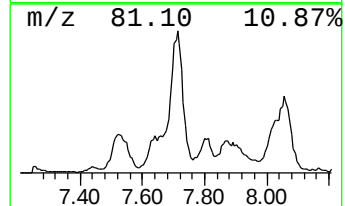
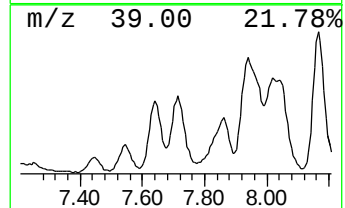
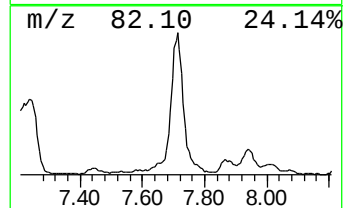
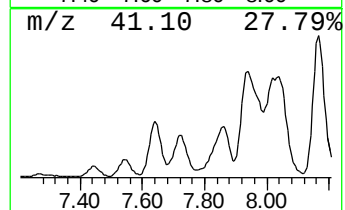
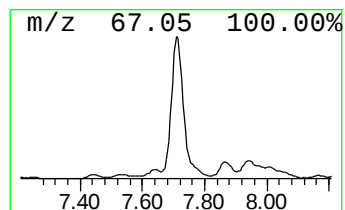
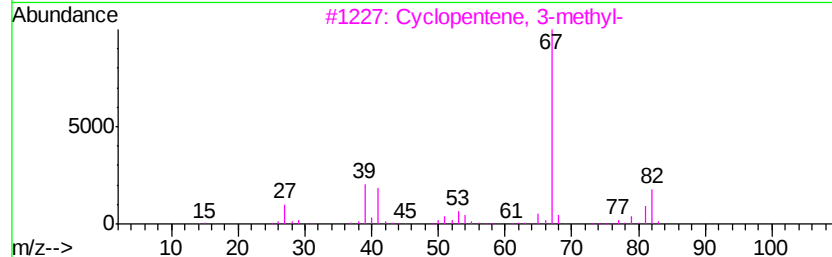
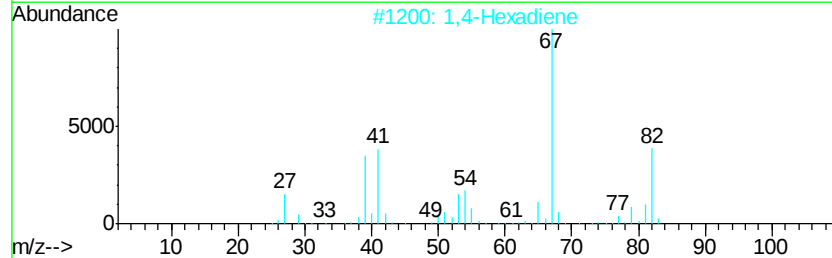
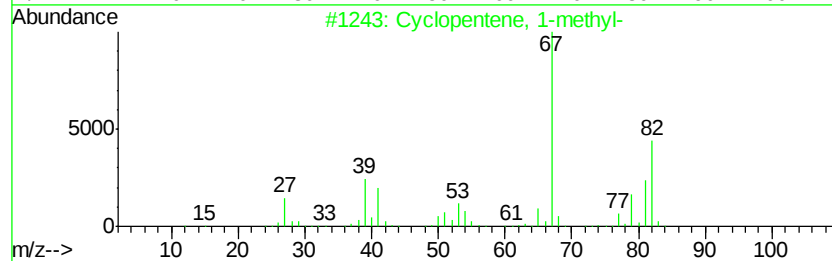
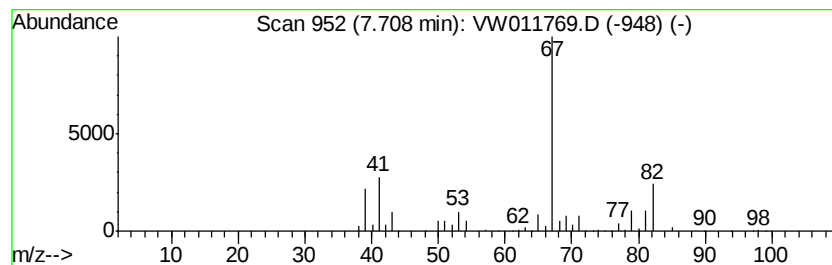
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Quant Title : VOC Analysis

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

Peak Number 19 Cyclopentene, 1-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	18.57 ug/L	1012870	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	87
2			1,4-Hexadiene	82	C6H10	000592-45-0	87
3			Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	87
4			Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	87
5			Cyclopropane, 1,1-dimethyl-2-met...	82	C6H10	004372-94-5	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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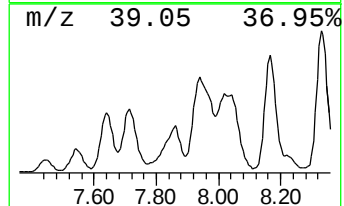
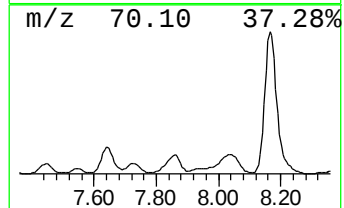
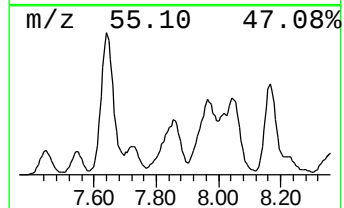
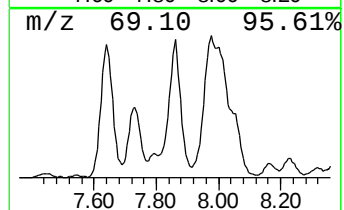
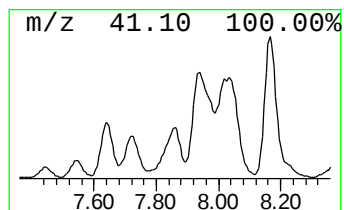
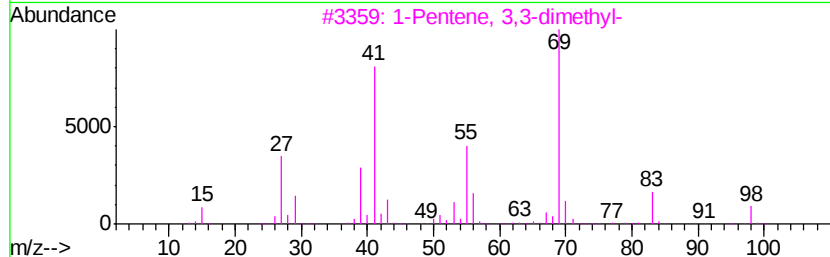
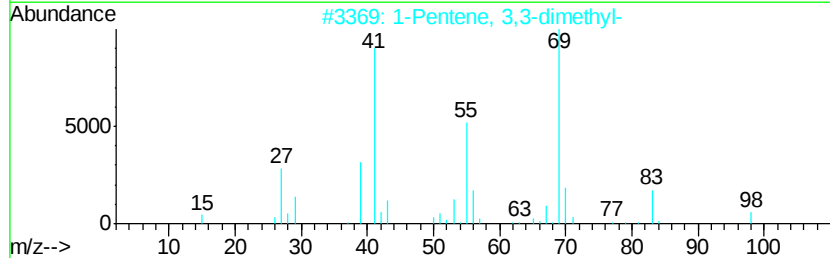
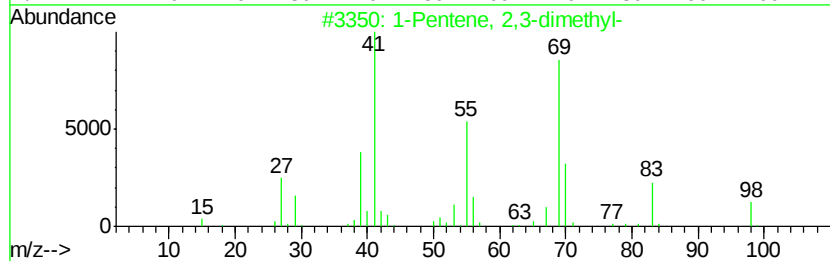
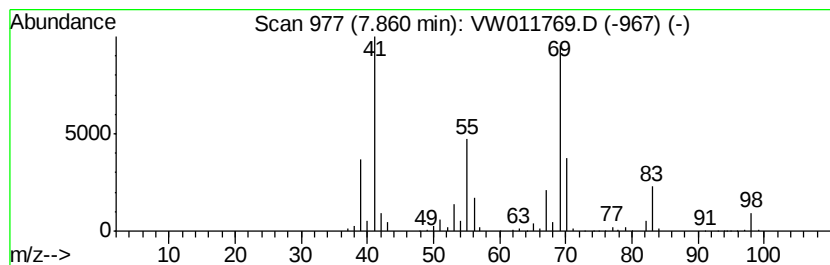
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Quant Title : VOC Analysis

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

Peak Number 20 (DEL) Alkane: Cyclic7.86 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	11.24 ug/L	612746	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	94
2			1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	87
3			1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	87
4			2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	80
5			3-Methyl-3-hexene	98	C7H14	003404-65-7	74



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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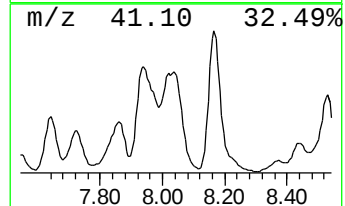
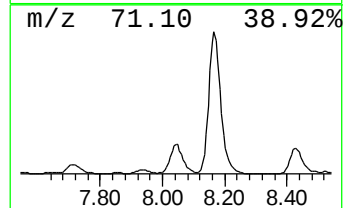
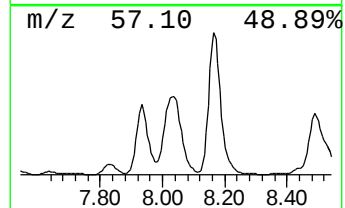
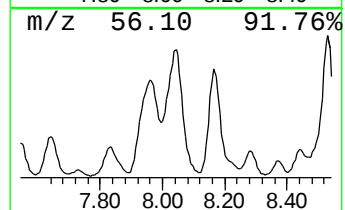
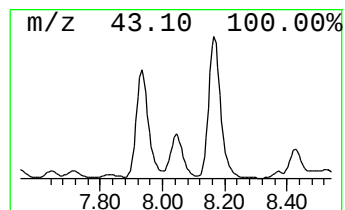
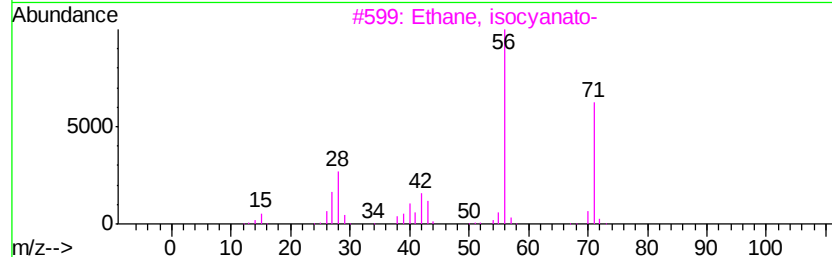
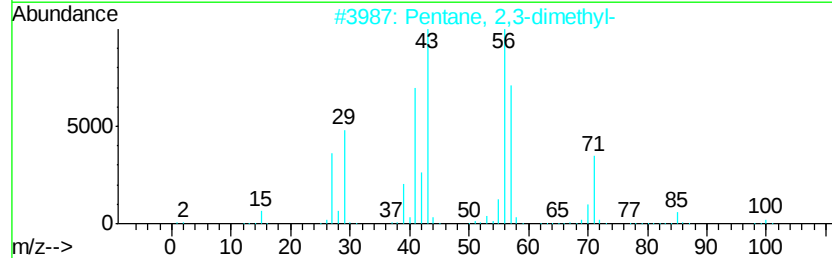
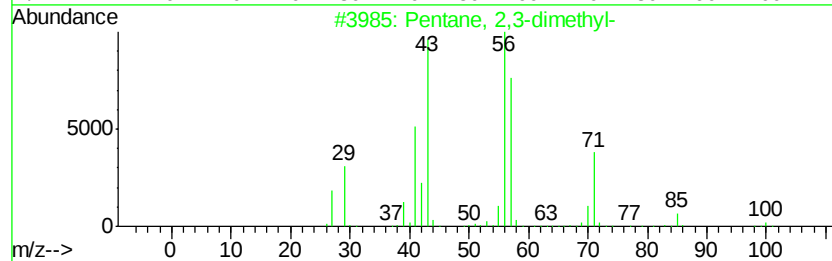
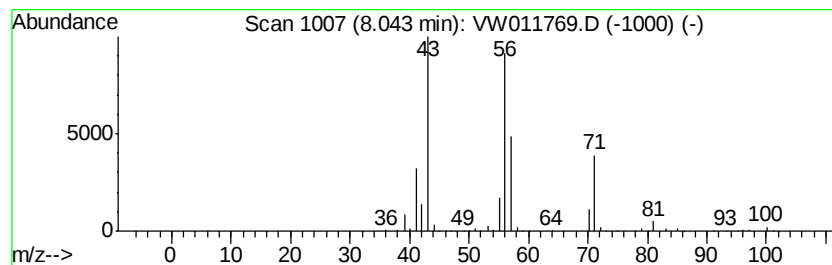
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Quant Title : VOC Analysis

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	42.64 ug/L	2325540	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
2		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
3		Ethane, isocvanato-	71	C3H5NO	000109-90-0	59
4		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	56
5		Heptane	100	C7H16	000142-82-5	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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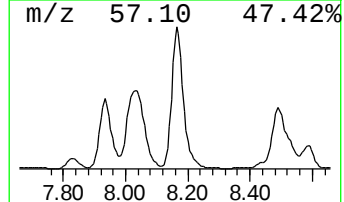
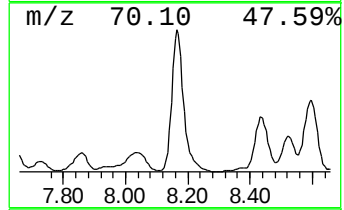
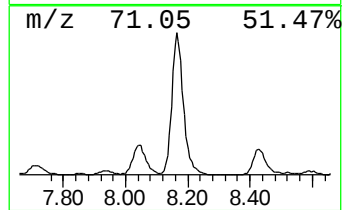
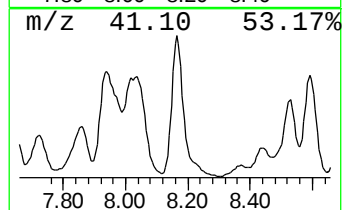
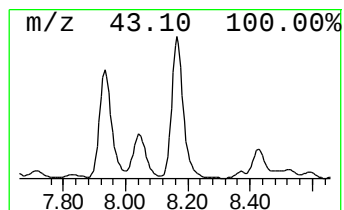
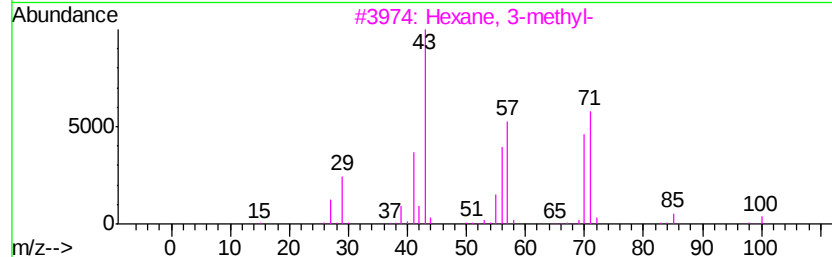
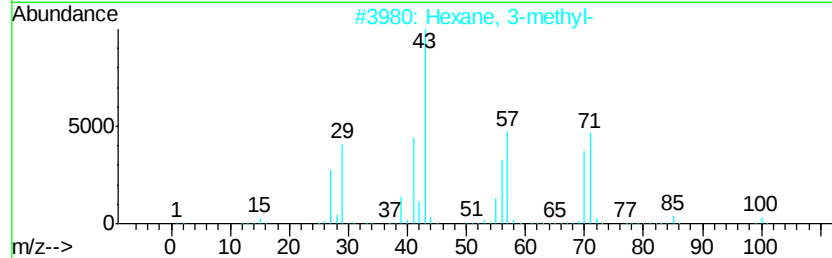
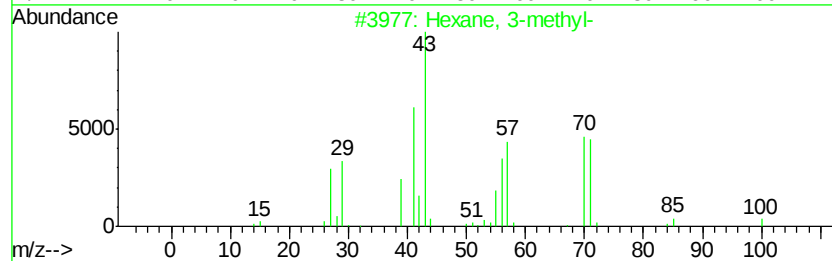
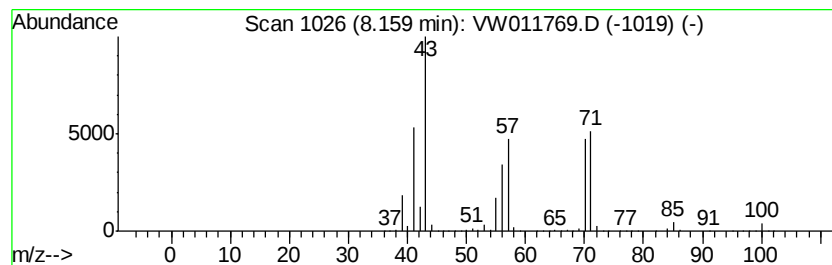
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Quant Title : VOC Analysis

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	60.01 ug/L	3272300	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3-methyl-	100	C7H16	000589-34-4	95
2		Hexane, 3-methyl-	100	C7H16	000589-34-4	94
3		Hexane, 3-methyl-	100	C7H16	000589-34-4	91
4		Heptane, 4-methyl-	114	C8H18	000589-53-7	72
5		Heptane	100	C7H16	000142-82-5	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

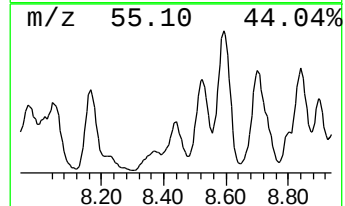
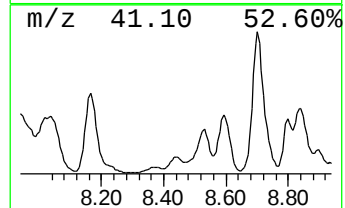
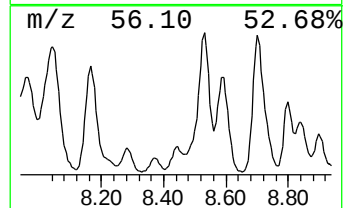
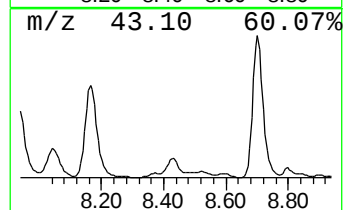
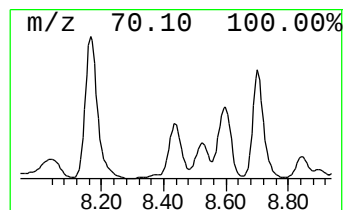
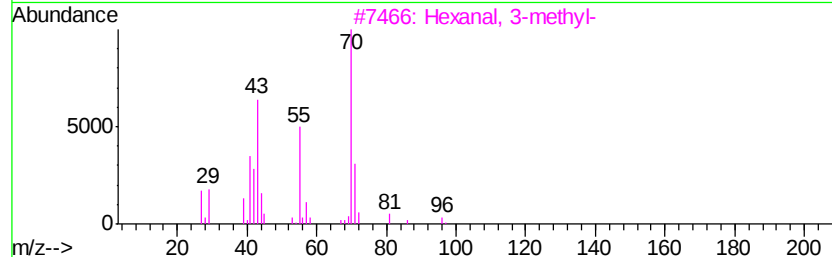
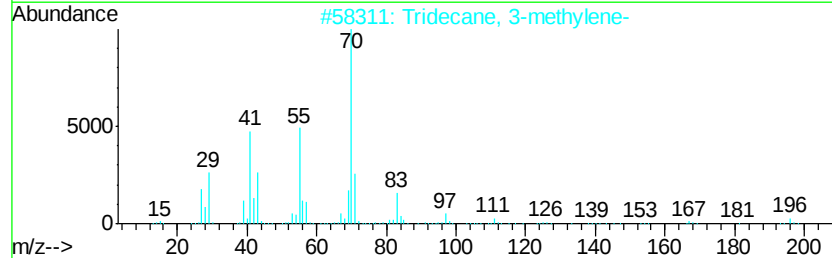
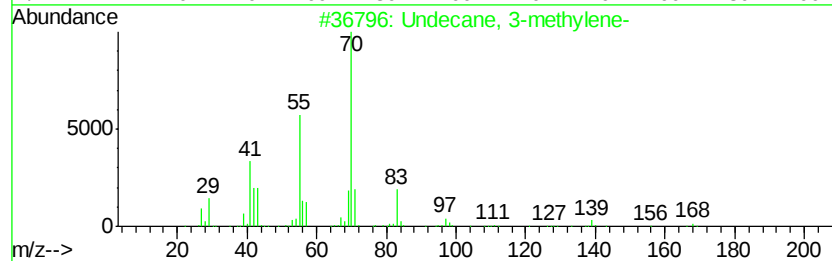
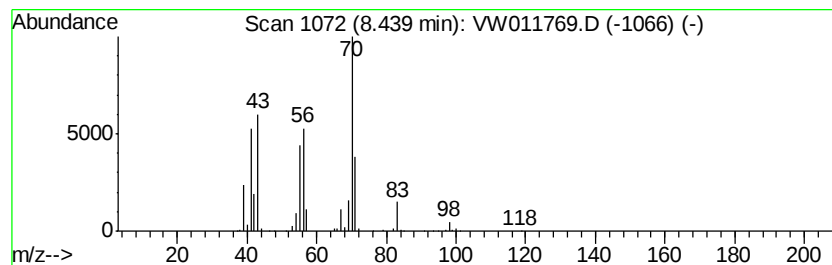
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Quant Title : VOC Analysis

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	8.53 ug/L	465239	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methylene-	168	C12H24	071138-64-2	50
2			Tridecane, 3-methylene-	196	C14H28	019780-34-8	42
3			Hexanal, 3-methyl-	114	C7H14O	019269-28-4	40
4			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	38
5			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	37



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

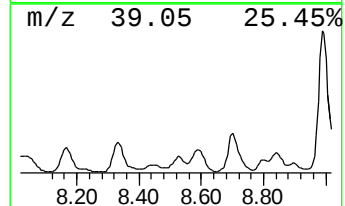
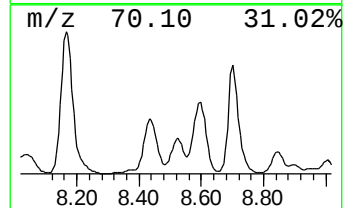
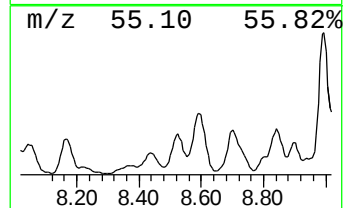
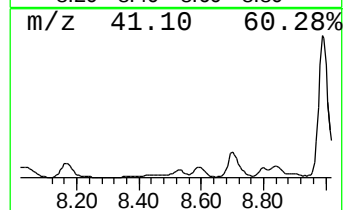
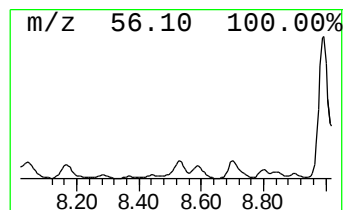
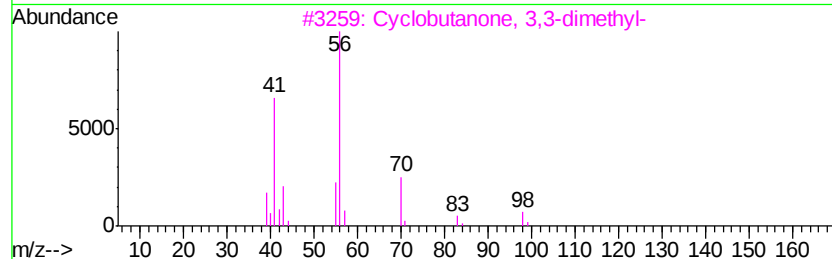
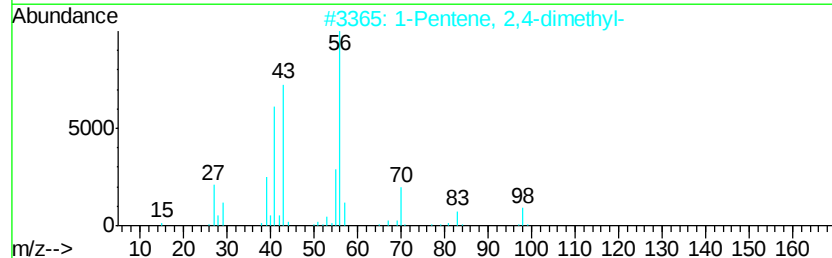
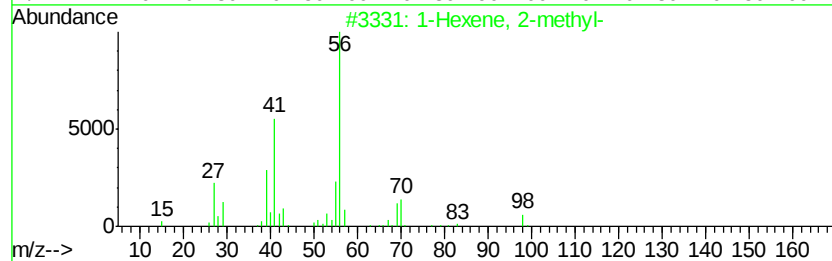
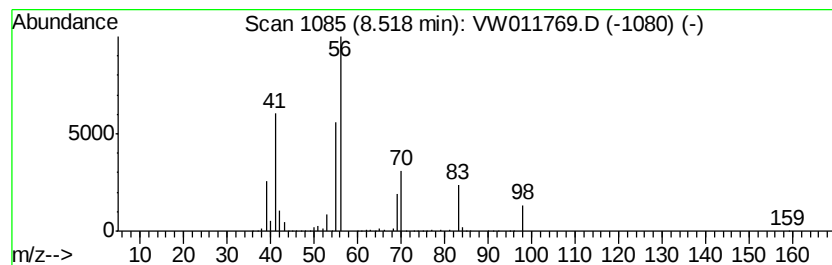
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ClientSampleId :
ETOB9

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Quant Title : VOC Analysis

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

Peak Number 24 (DEL) Alkane: Cyclic8.52 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.52	12.76 ug/L	696057	1,4-Difluorobenzene	8.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	78
2	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	72
3	Cyclobutanone, 3,3-dimethyl-	98	C6H10O	001192-33-2	64
4	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	64
5	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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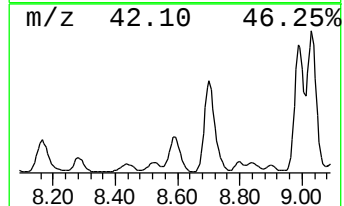
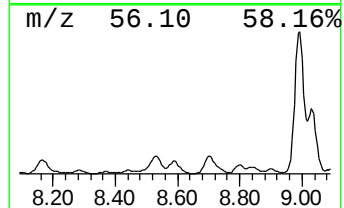
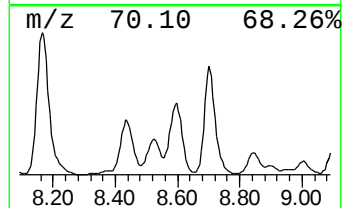
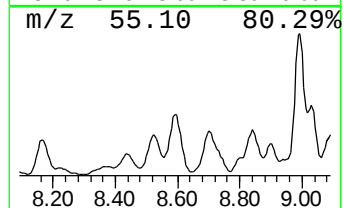
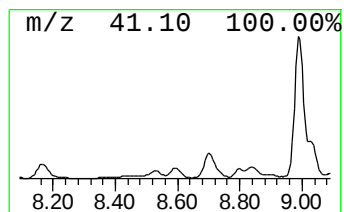
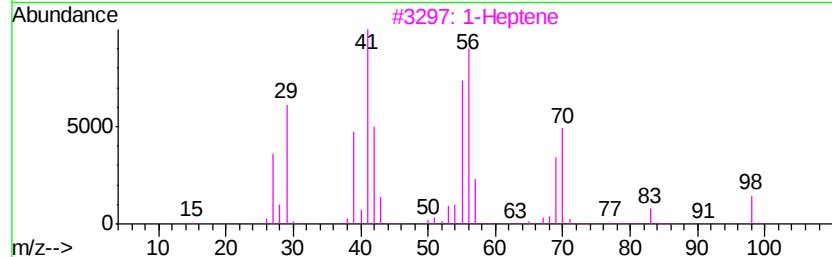
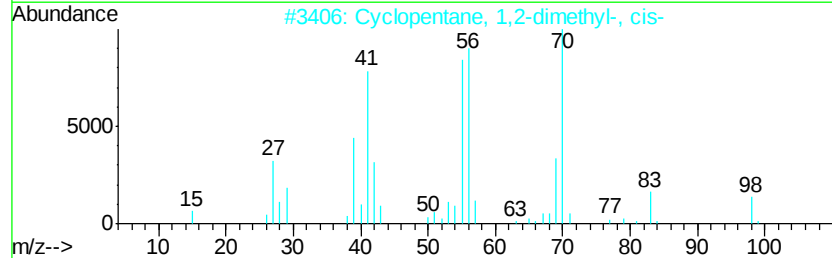
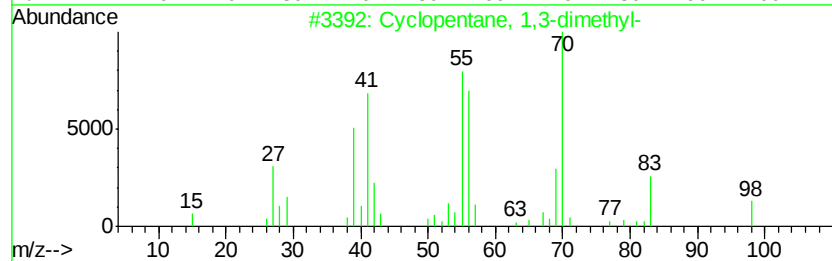
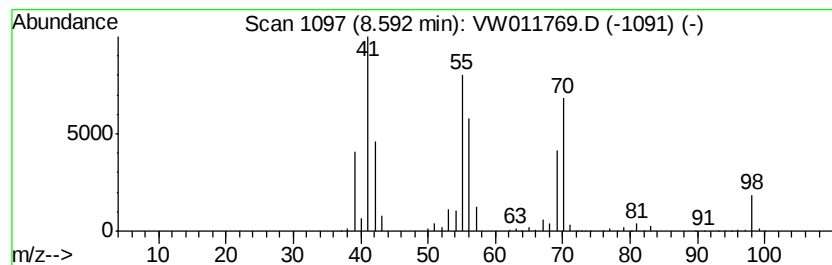
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Quant Title : VOC Analysis

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

Peak Number 25 (DEL) Alkane: Cyclic8.59 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	33.81 ug/L	1843860	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	81
2		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	72
3		1-Heptene	98	C7H14	000592-76-7	68
4		(Z)-2-Heptene	98	C7H14	006443-92-1	64
5		Isopropylcyclobutane	98	C7H14	000872-56-0	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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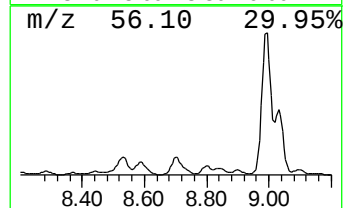
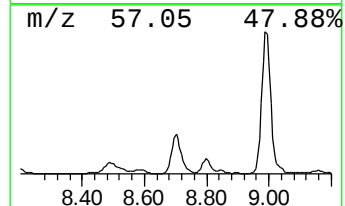
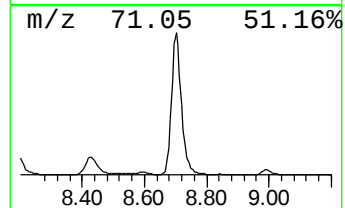
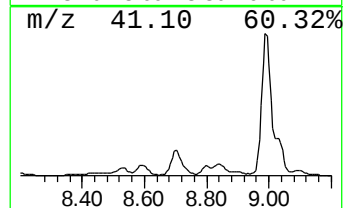
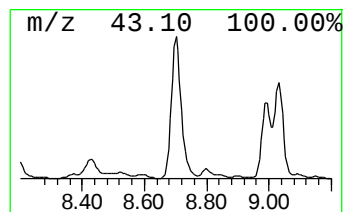
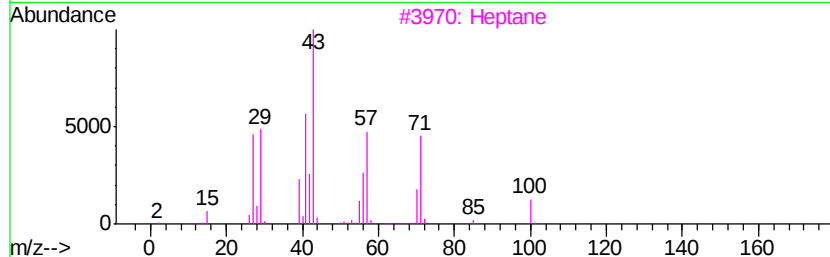
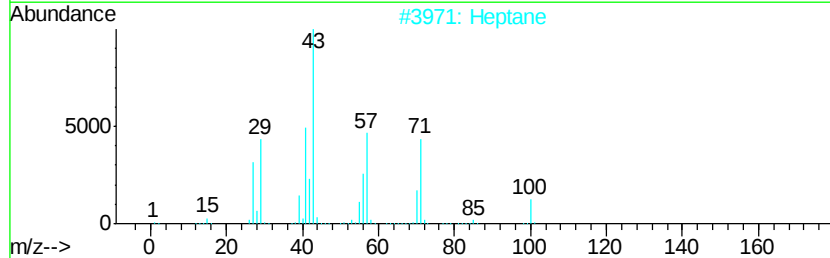
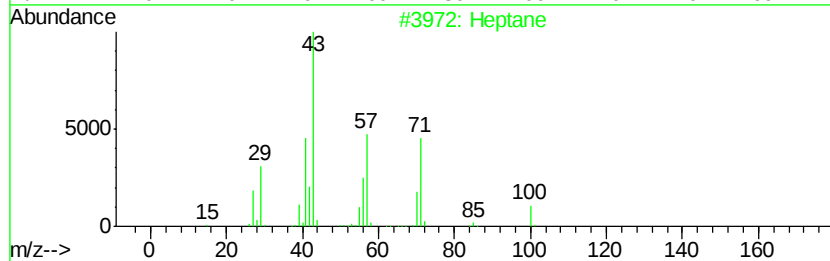
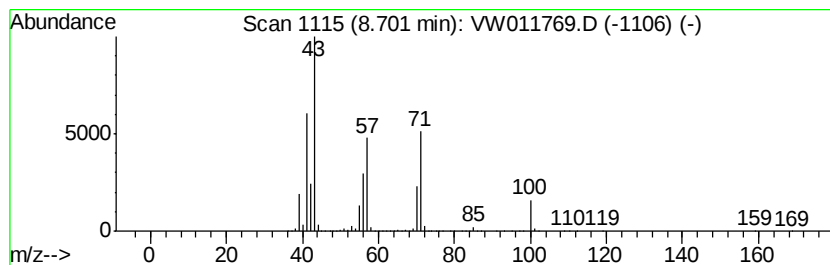
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Quant Title : VOC Analysis

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	84.24 ug/L	4594070	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	95
2		Heptane	100	C7H16	000142-82-5	94
3		Heptane	100	C7H16	000142-82-5	91
4		Heptane	100	C7H16	000142-82-5	87
5		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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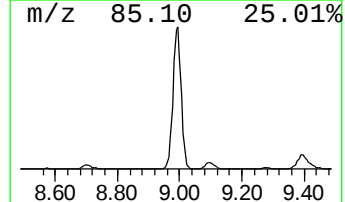
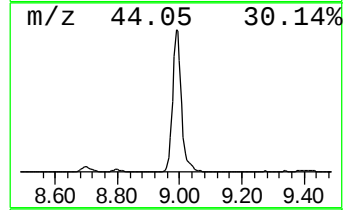
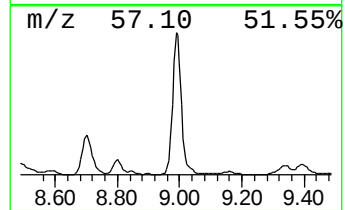
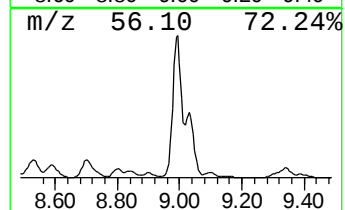
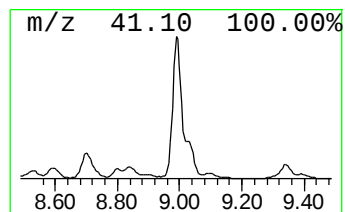
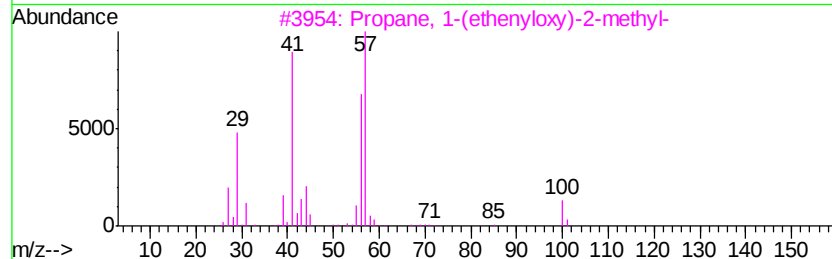
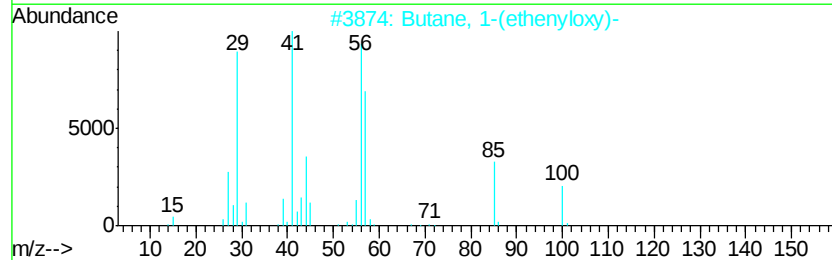
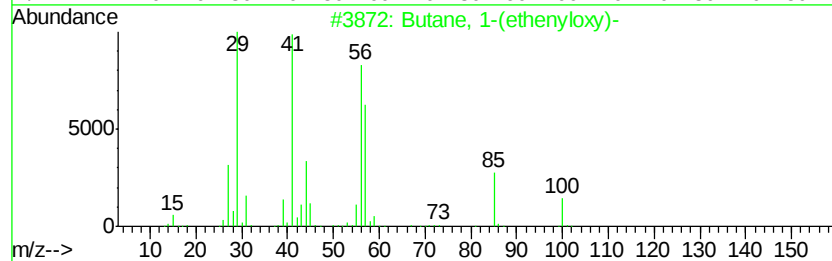
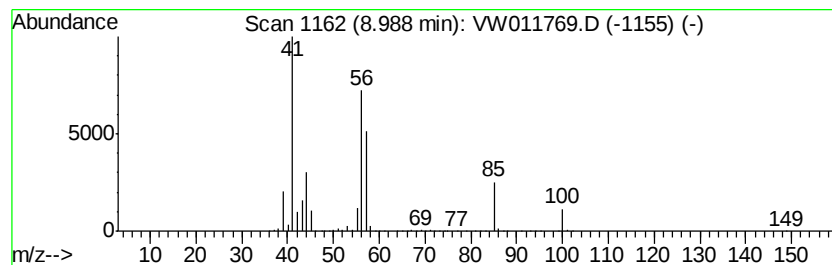
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Quant Title : VOC Analysis

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

Peak Number 27 Butane, 1-(ethenyloxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	217.73 ug/L	11873800	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 1-(ethenvloxy)-	100	C6H12O	000111-34-2	91
2		Butane, 1-(ethenvloxy)-	100	C6H12O	000111-34-2	72
3		Propane, 1-(ethenvloxy)-2-methyl-	100	C6H12O	000109-53-5	40
4		1,5-Pentanediol	104	C5H12O2	000111-29-5	33
5		1,5-Pentanediol	104	C5H12O2	000111-29-5	33



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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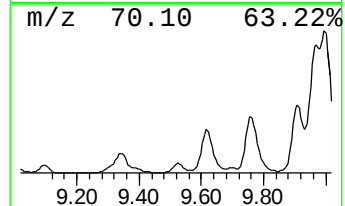
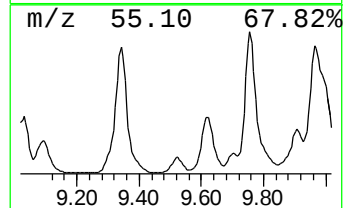
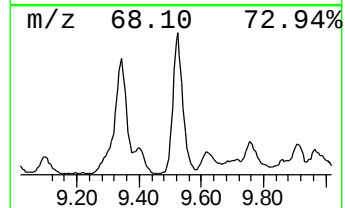
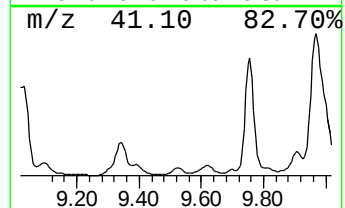
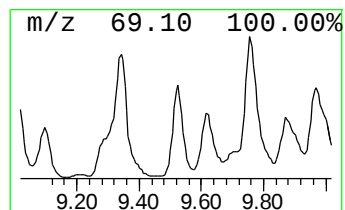
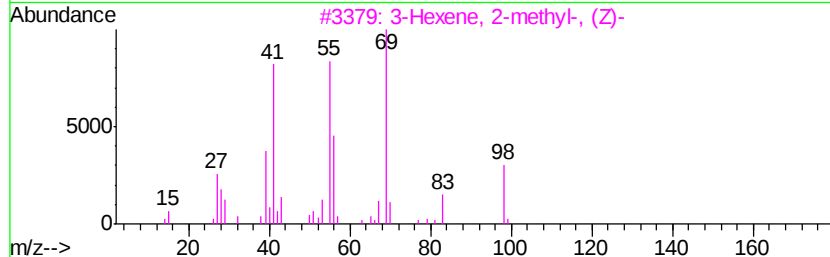
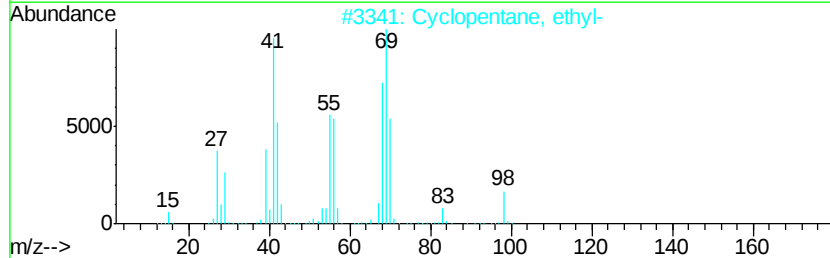
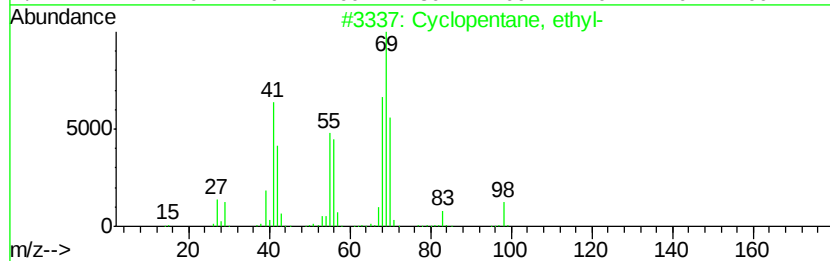
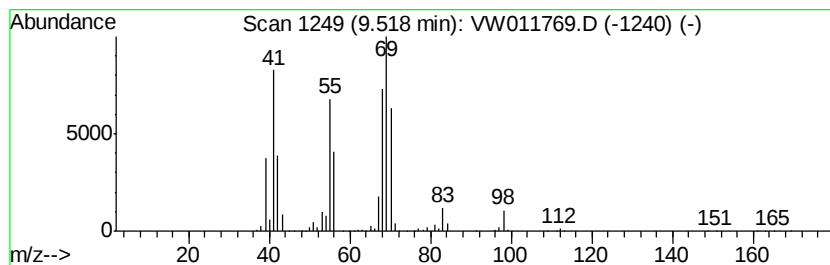
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Quant Title : VOC Analysis

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

Peak Number 28 (DEL) Alkane: Cyclic9.52 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	11.53 ug/L	628531	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, ethyl-	98	C7H14	001640-89-7	94
2		Cyclopentane, ethyl-	98	C7H14	001640-89-7	80
3		3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	38
4		3-Hexene, 2,5-dimethyl-	112	C8H16	015910-22-2	38
5		3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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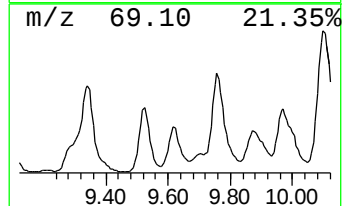
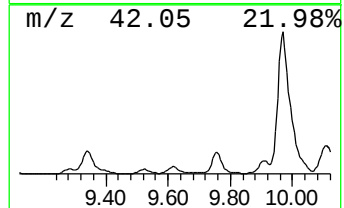
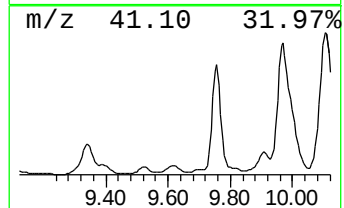
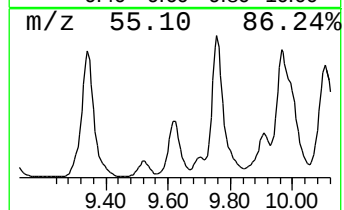
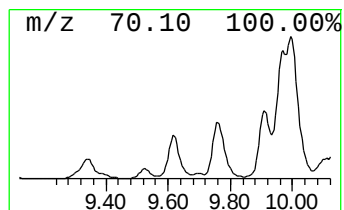
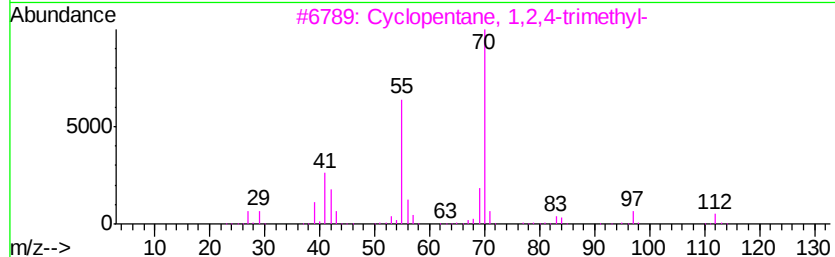
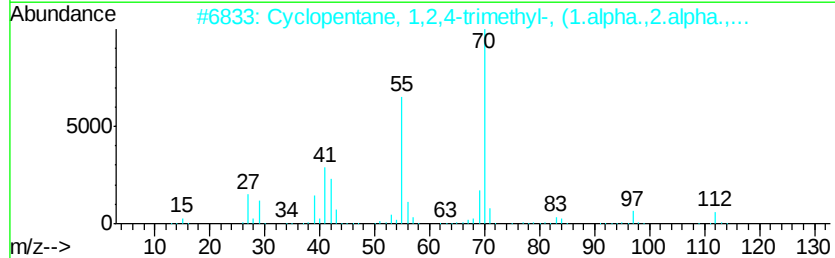
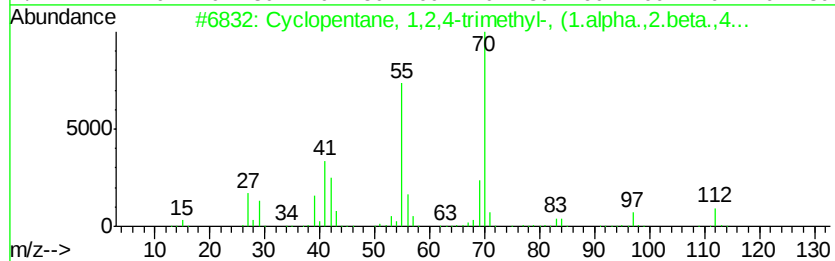
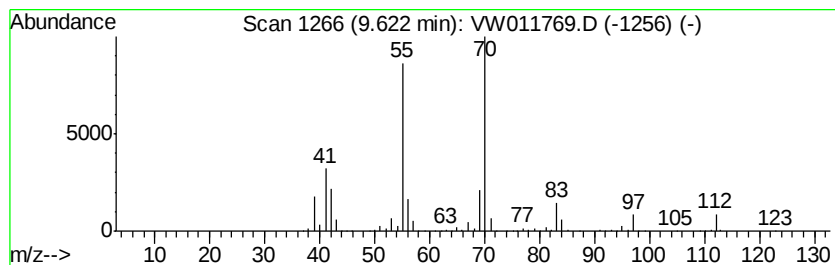
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Quant Title : VOC Analysis

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

Peak Number 29 (DEL) Alkane: Cyclic9.62 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	21.00 ug/L	1145340	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	90
2		Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	90
3		Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	90
4		Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	86
5		Heptane, 3-methylene-	112	C8H16	001632-16-2	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
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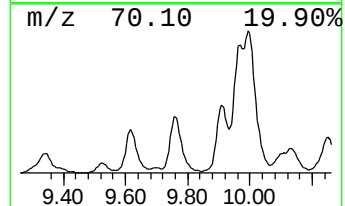
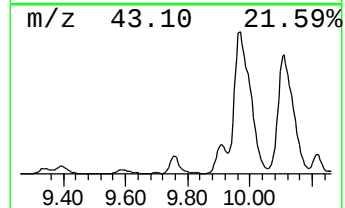
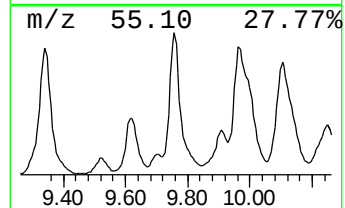
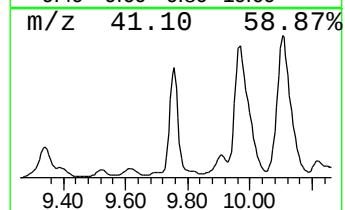
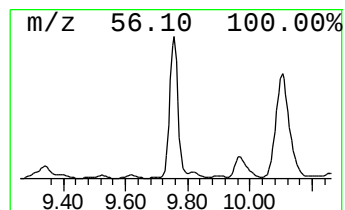
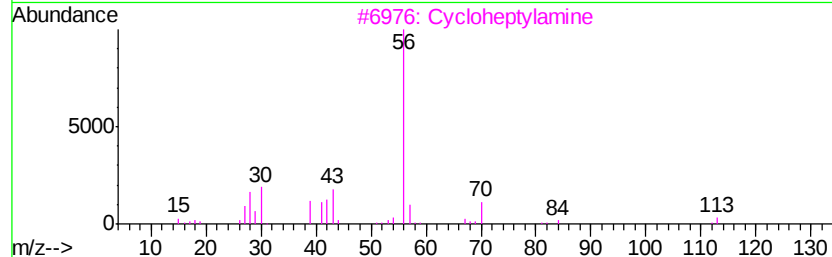
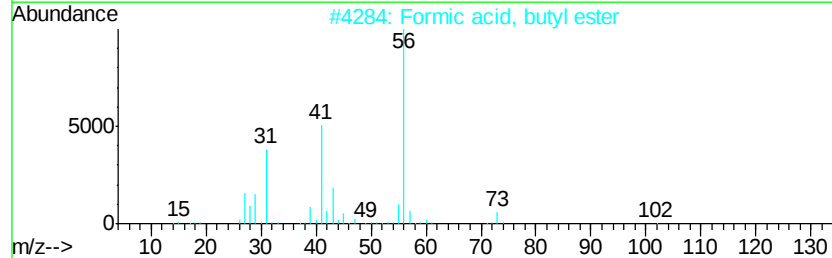
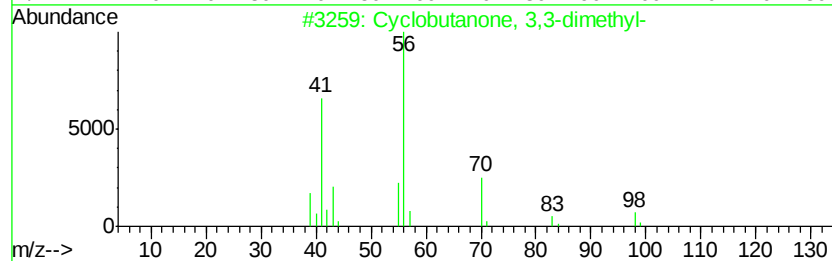
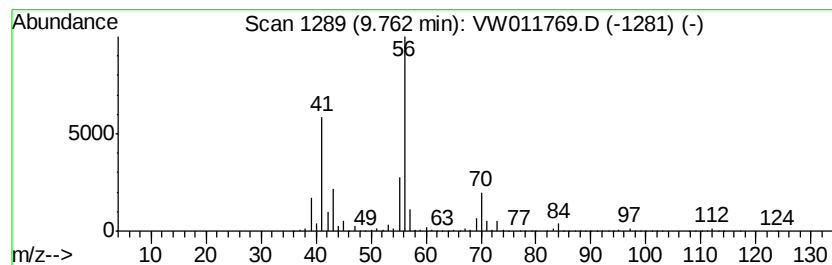
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Quant Title : VOC Analysis

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

Peak Number 30 Cyclobutanone, 3,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	100.71 ug/L	5492200	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclobutanone, 3,3-dimethyl-	98	C6H10O	001192-33-2	64
2		Formic acid, butyl ester	102	C5H10O2	000592-84-7	59
3		Cycloheptylamine	113	C7H15N	005452-35-7	56
4		Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	53
5		2,4-Dimethyl-5-hexanolide	142	C8H14O2	1000360-40-9	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

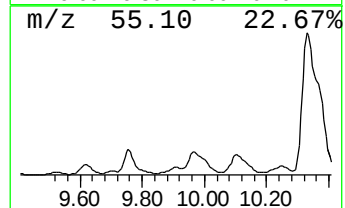
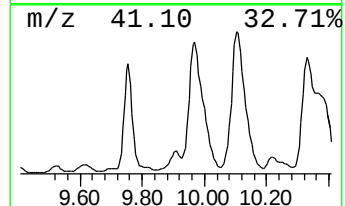
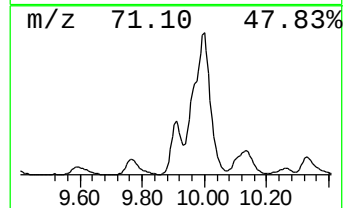
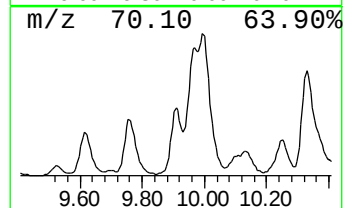
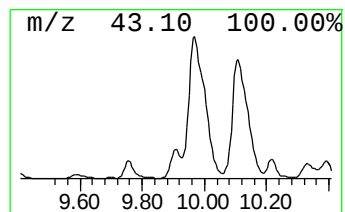
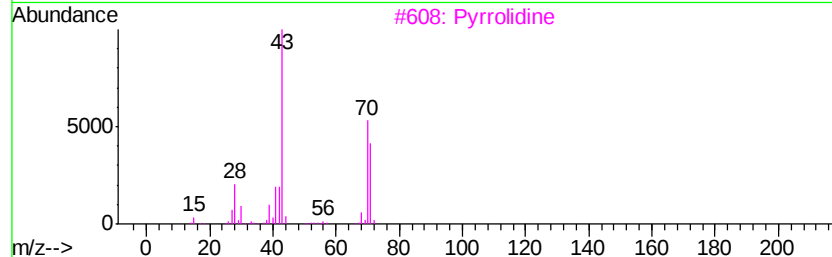
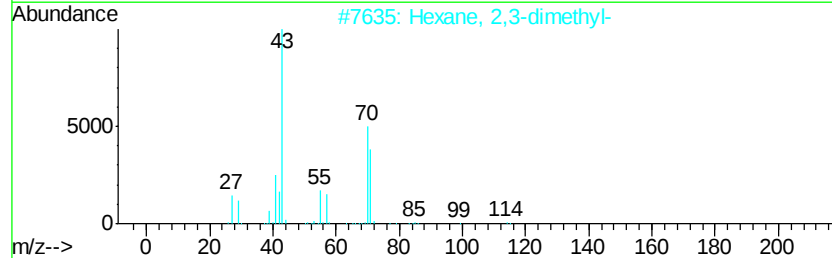
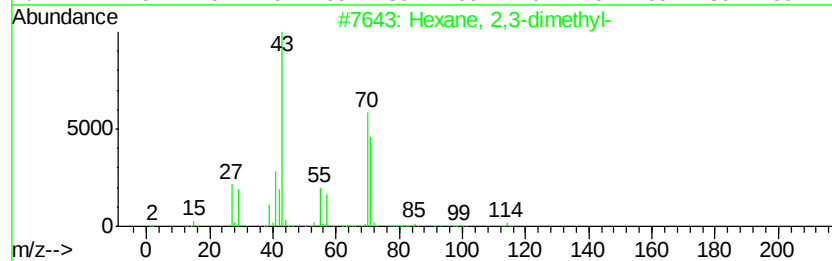
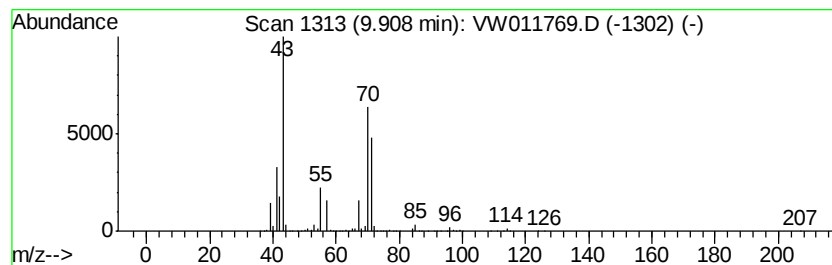
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Quant Title : VOC Analysis

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	42.83 ug/L	2335410	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	87
2		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	72
3		Pyrrolidine	71	C4H9N	000123-75-1	64
4		Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	58
5		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

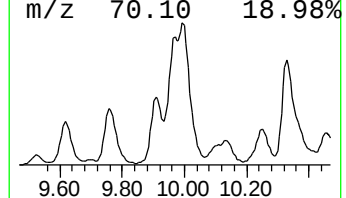
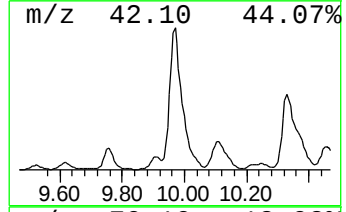
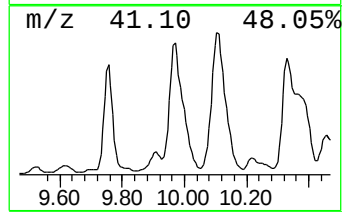
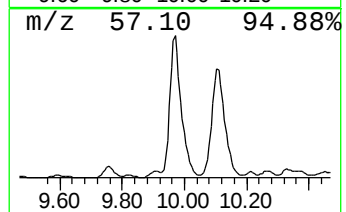
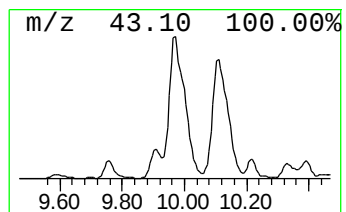
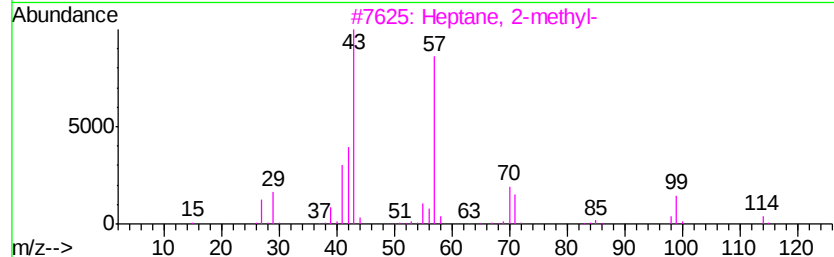
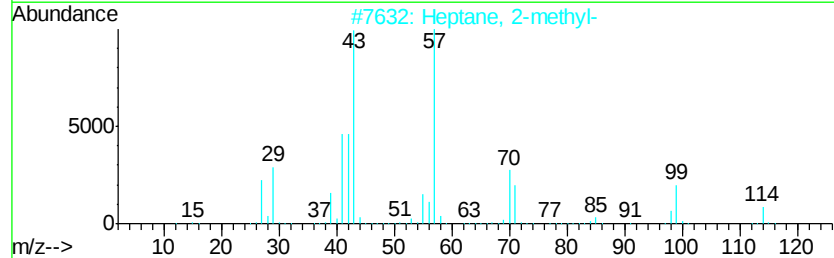
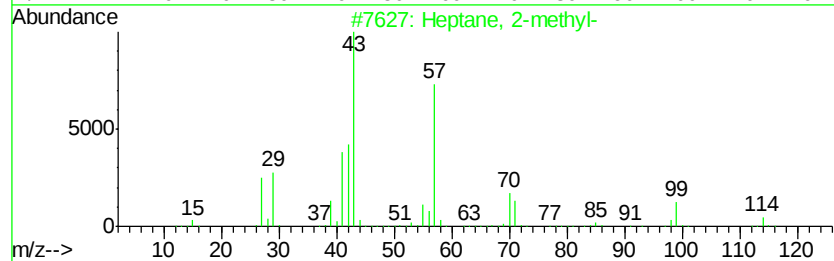
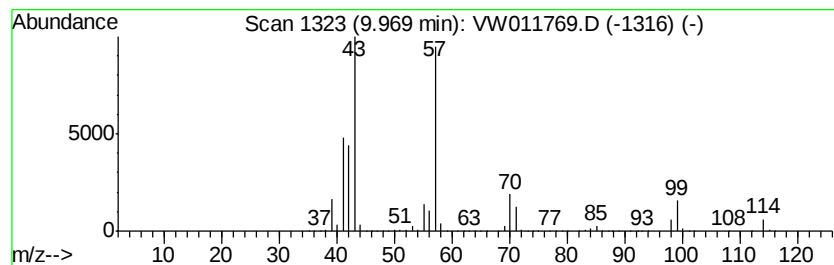
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Quant Title : VOC Analysis

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	319.52 ug/L	17424400	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2-methyl-	114	C8H18	000592-27-8	95
2		Heptane, 2-methyl-	114	C8H18	000592-27-8	93
3		Heptane, 2-methyl-	114	C8H18	000592-27-8	91
4		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	87
5		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

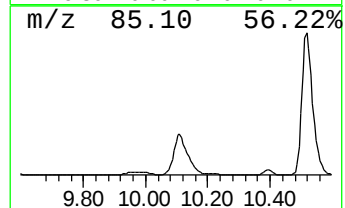
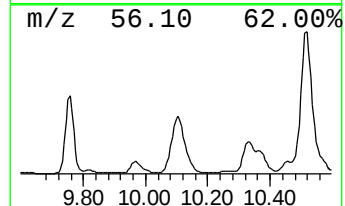
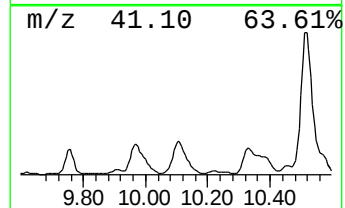
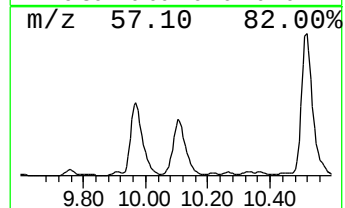
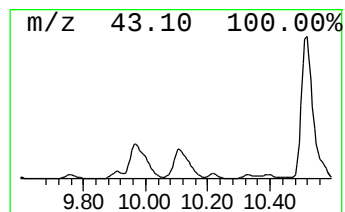
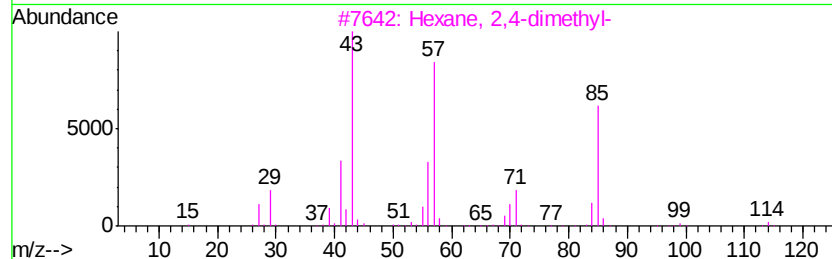
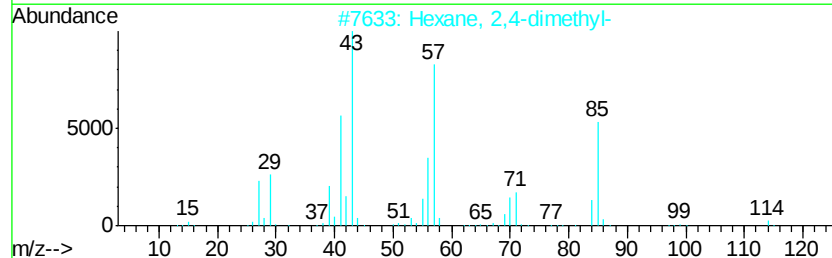
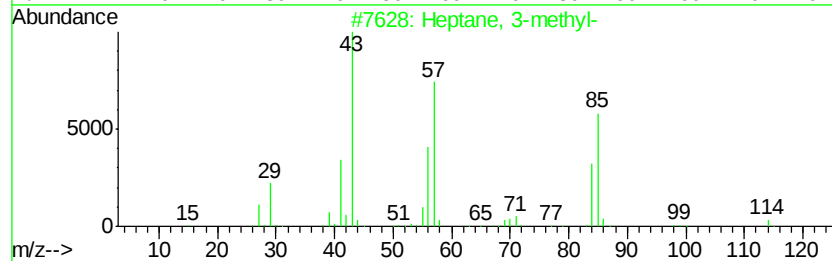
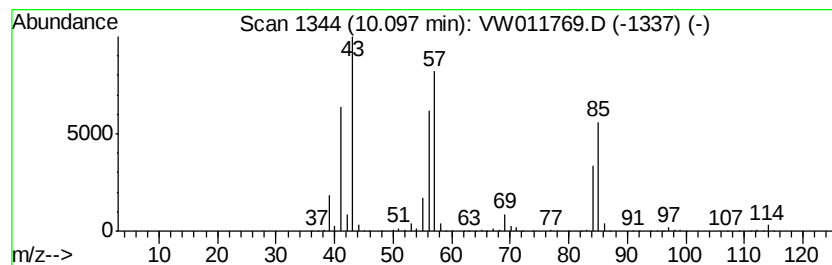
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Quant Title : VOC Analysis

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	301.75 ug/L	16455300	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
3		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
4		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59
5		Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

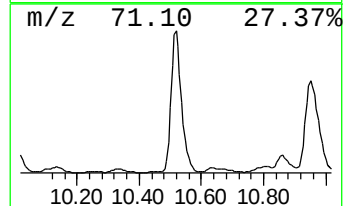
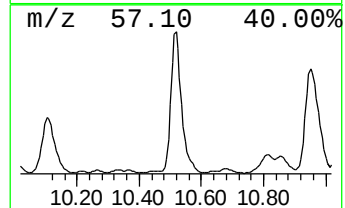
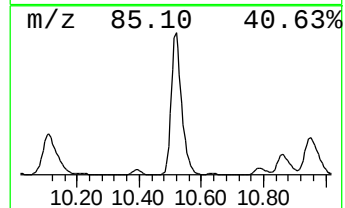
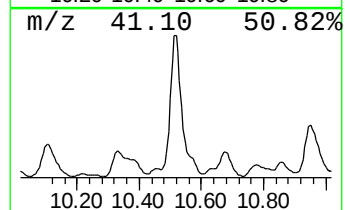
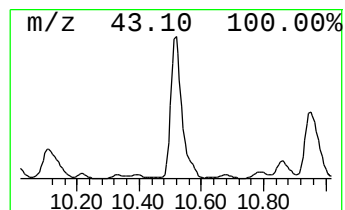
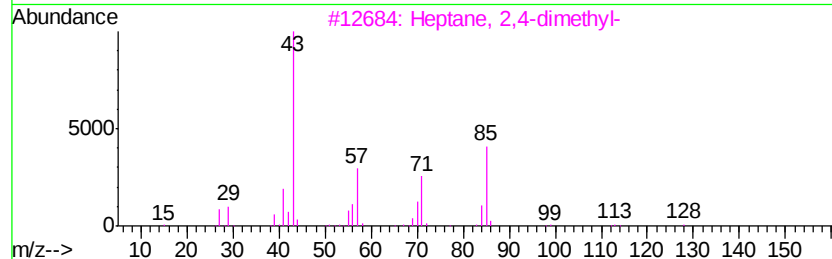
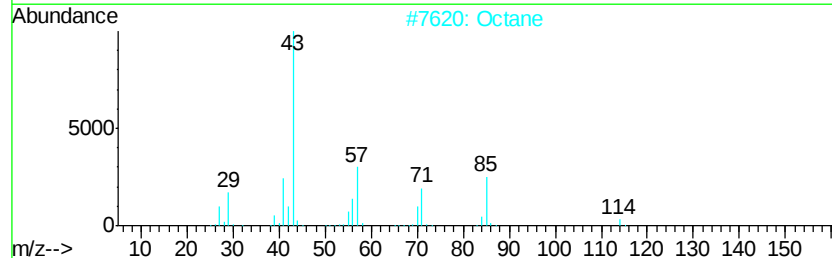
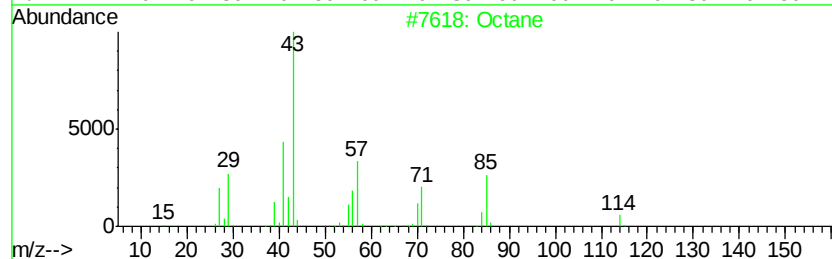
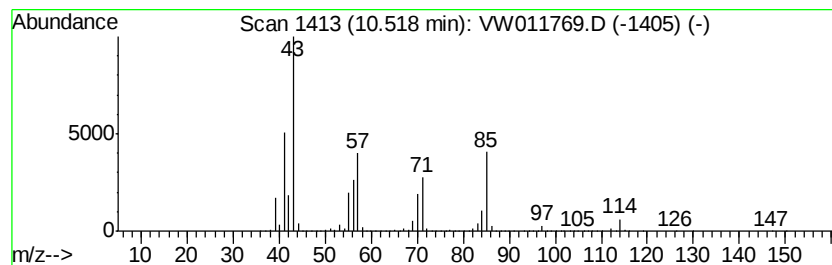
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Quant Title : VOC Analysis

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	18.01 ug/L	55732000	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane	114	C8H18	000111-65-9	91
2		Octane	114	C8H18	000111-65-9	83
3		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
4		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
5		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

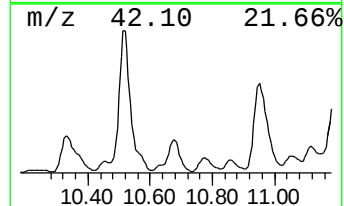
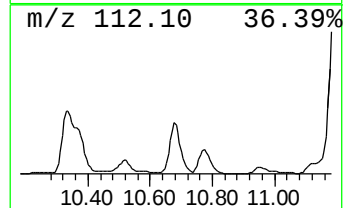
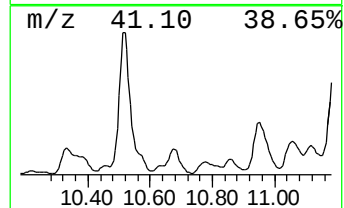
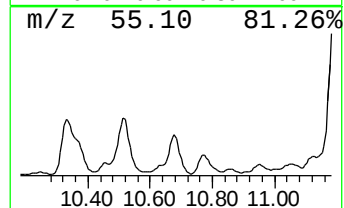
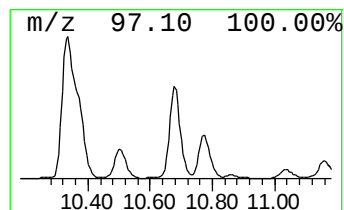
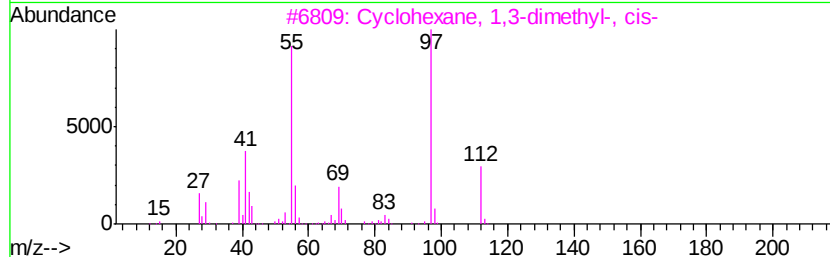
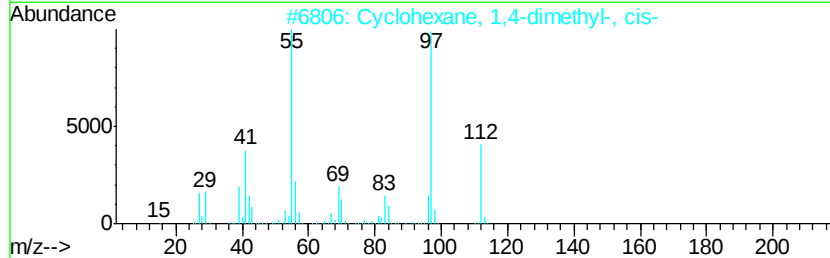
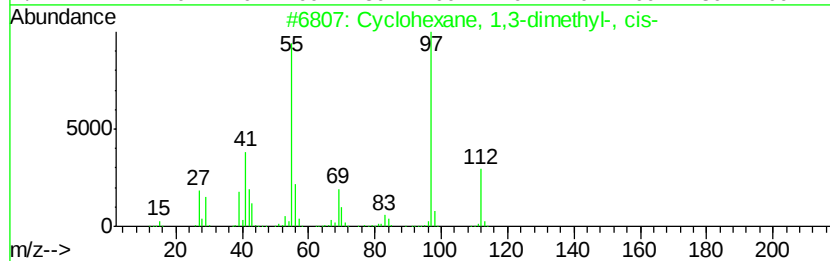
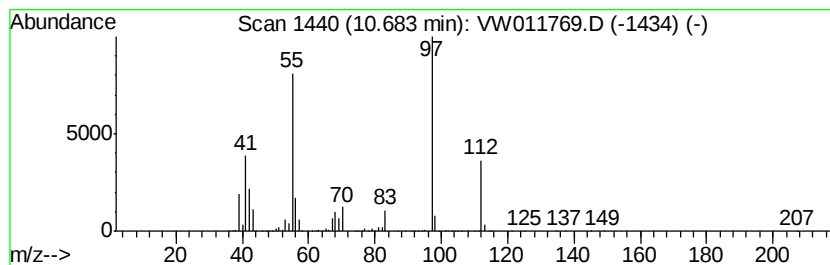
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Quant Title : VOC Analysis

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

Peak Number 35 (DEL) Alkane: Cyclic10.68 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	4.29 ug/L	13282300	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	87
2		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	87
3		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	87
4		2-Pyrazoline, 1,3,4-trimethyl-	112	C6H12N2	014044-41-8	83
5		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
ETOB9

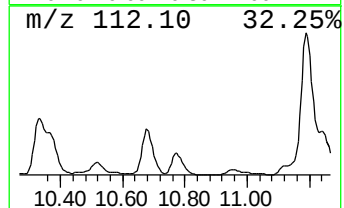
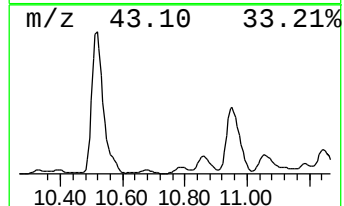
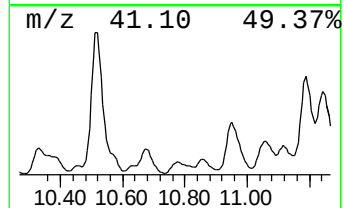
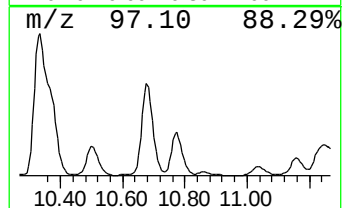
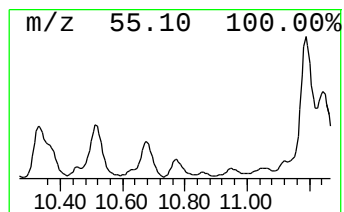
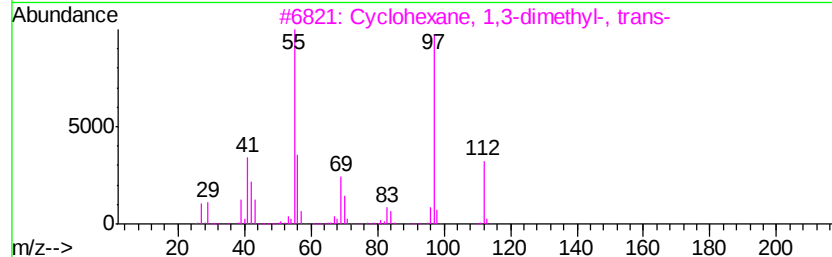
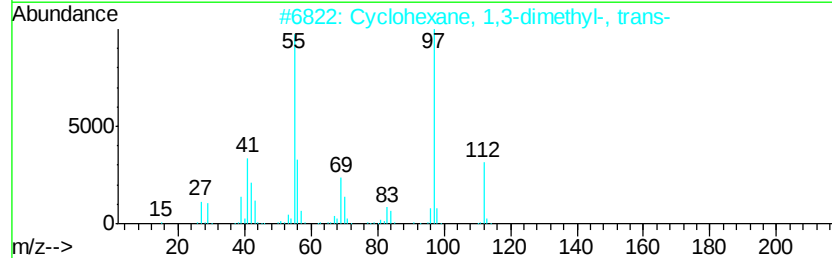
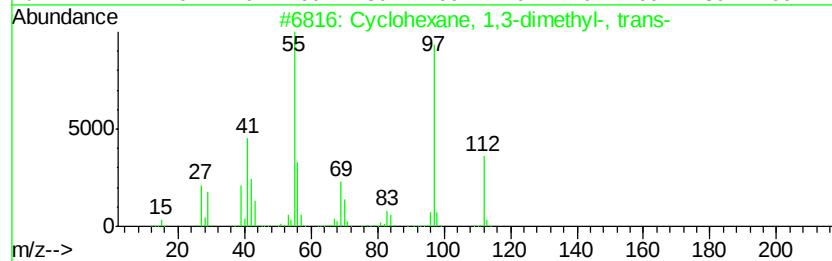
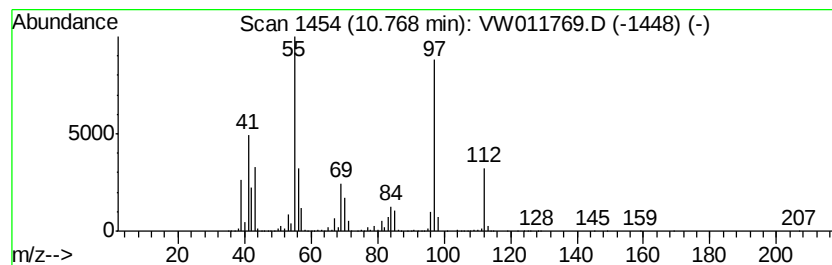
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Quant Title : VOC Analysis

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

Peak Number 36 (DEL) Alkane: Cyclic10.77 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	3.03 ug/L	9362320	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93
2		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93
3		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93
4		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	90
5		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

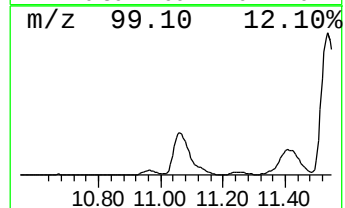
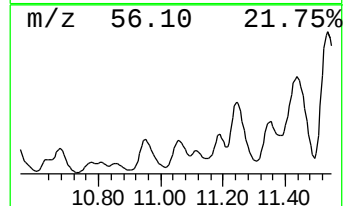
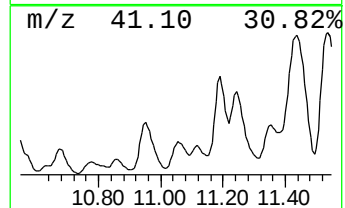
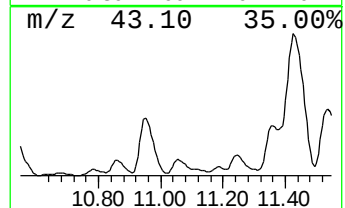
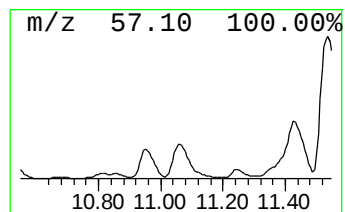
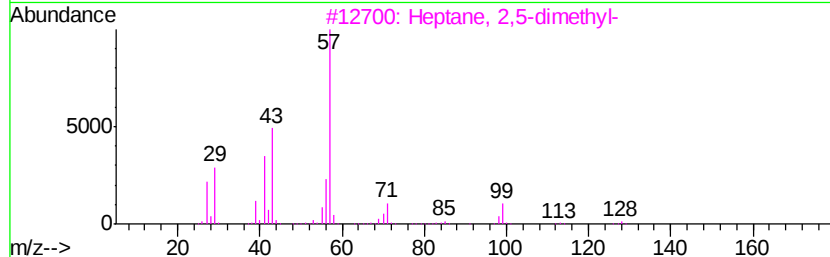
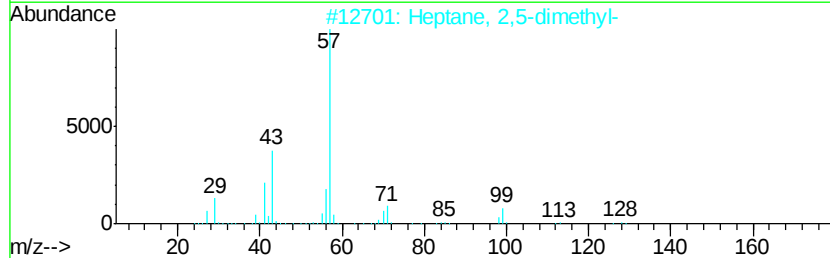
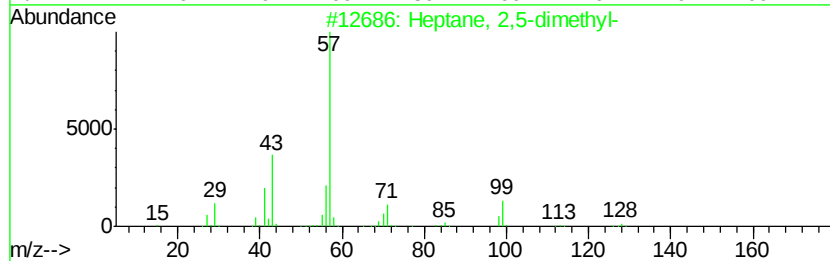
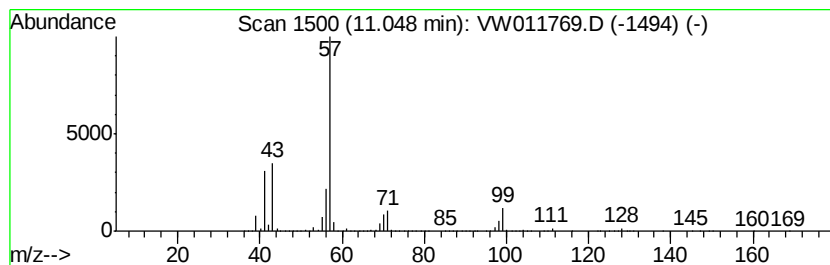
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Quant Title : VOC Analysis

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	4.54 ug/L	14055700	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
2			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
3			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
4			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	81
5			Octane, 3-methyl-	128	C9H20	002216-33-3	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

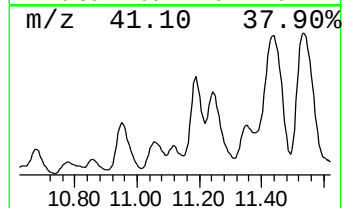
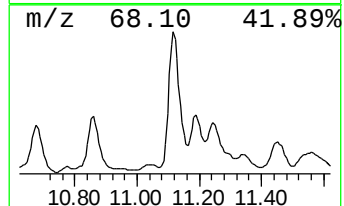
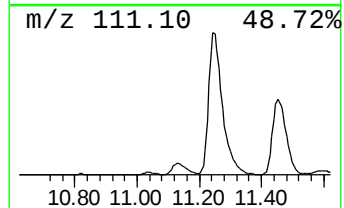
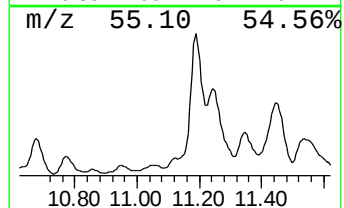
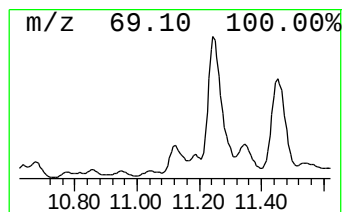
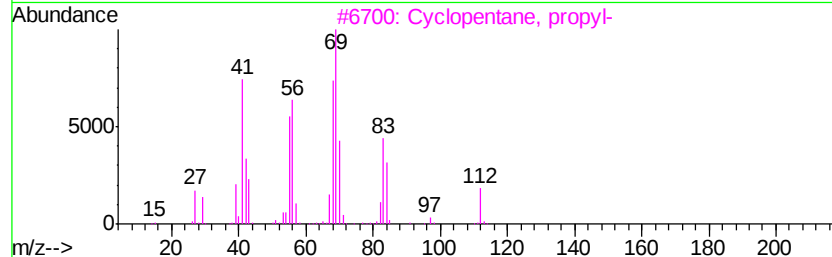
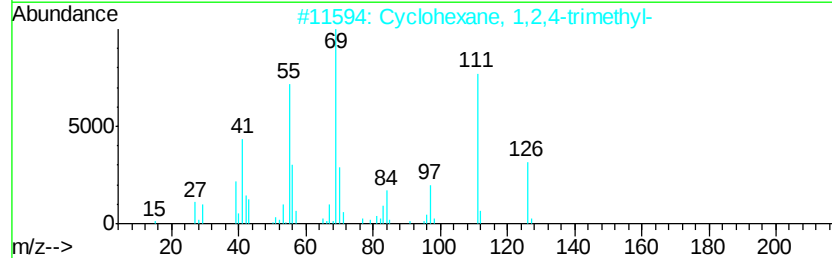
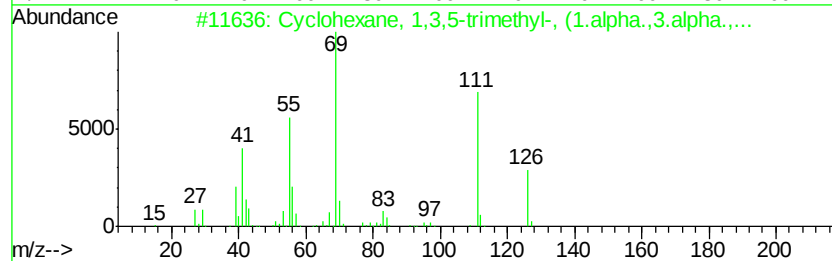
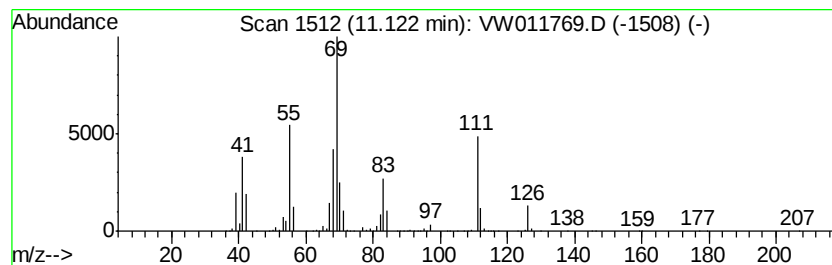
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Quant Title : VOC Analysis

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

Peak Number 38 (DEL) Alkane: Cyclic11.12 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	2.77 ug/L	8557070	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	50
2		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	47
3		Cyclopentane, propyl-	112	C8H16	002040-96-2	43
4		2-Hexene, 2,5-dimethyl-	112	C8H16	003404-78-2	38
5		2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

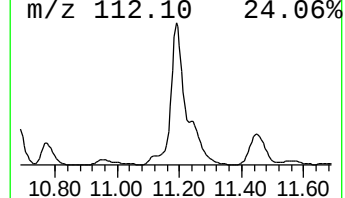
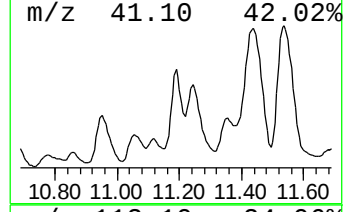
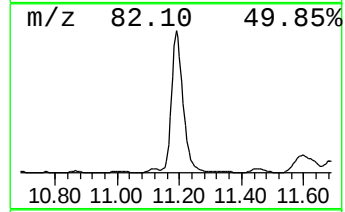
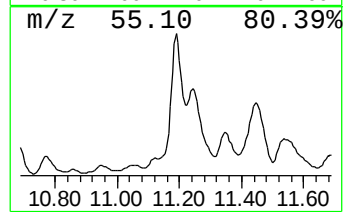
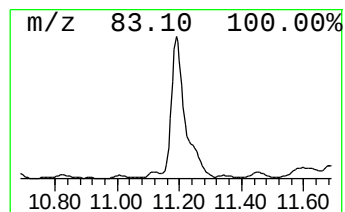
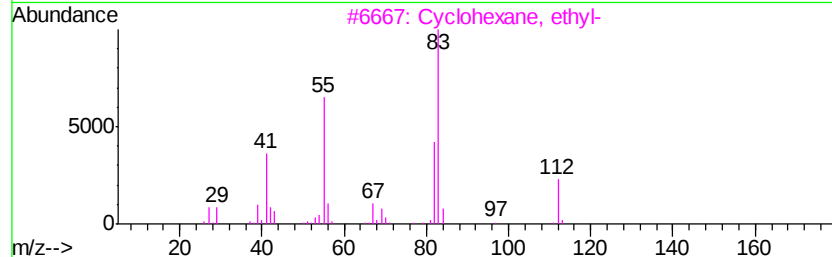
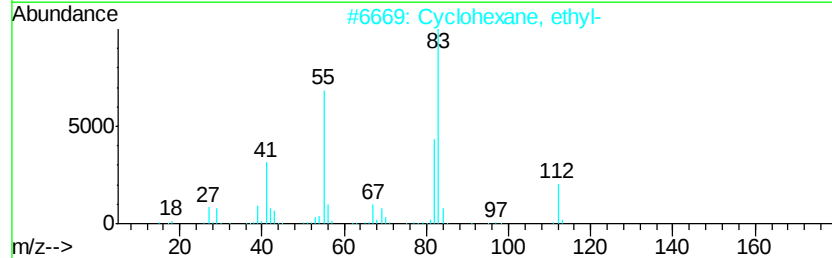
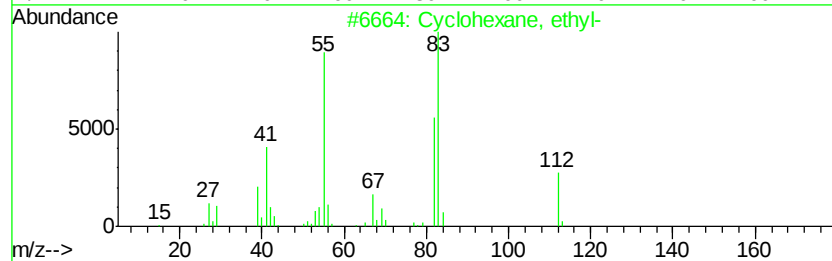
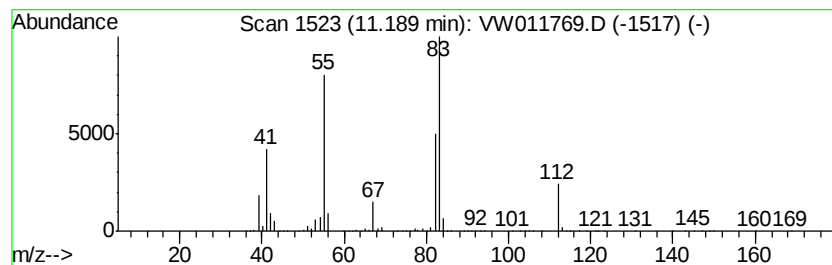
Instrument :
MSVOA_W
ClientSampleId :
ETOB9

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

Peak Number 39 (DEL) Alkane: Cyclic11.19 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.19	14.59 ug/L	45123400	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclohexane, ethyl-	112	C8H16	001678-91-7	94
2	Cvclohexane, ethyl-	112	C8H16	001678-91-7	91
3	Cvclohexane, ethyl-	112	C8H16	001678-91-7	91
4	Cvclohexane, ethyl-	112	C8H16	001678-91-7	91
5	Cvclohexane, ethyl-	112	C8H16	001678-91-7	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

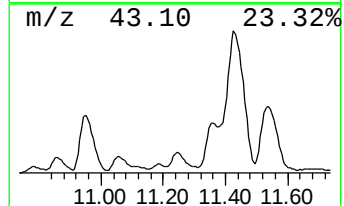
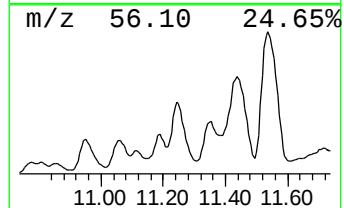
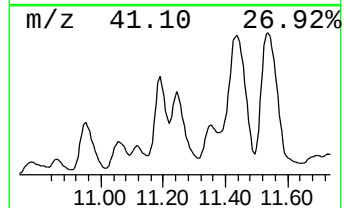
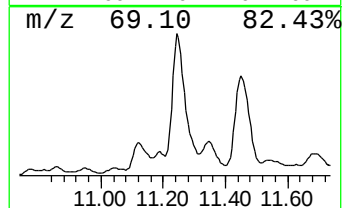
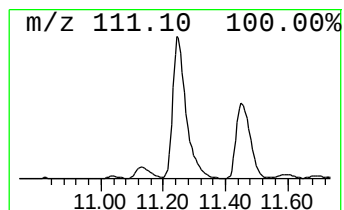
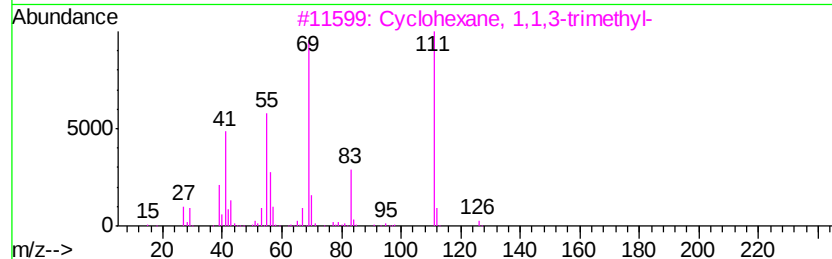
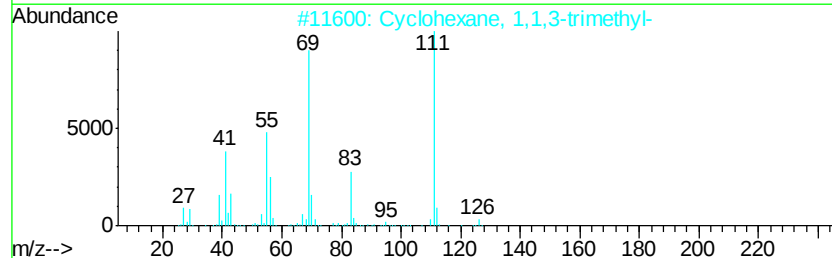
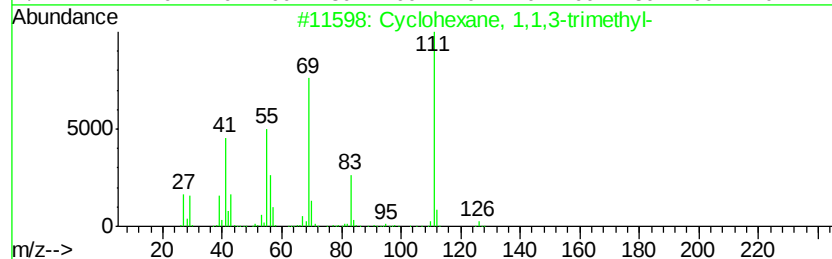
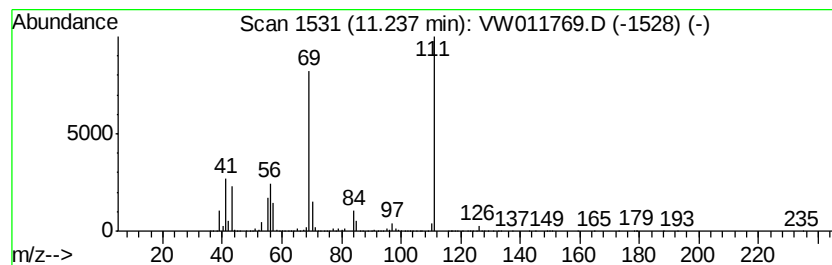
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Quant Title : VOC Analysis

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

Peak Number 40 (DEL) Alkane: Cyclic11.24 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	16.51 ug/L	51089100	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
2		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	86
3		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	86
4		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	86
5		Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	72



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

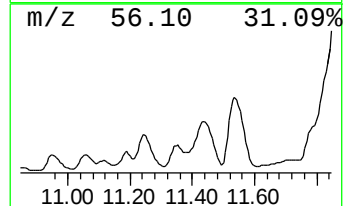
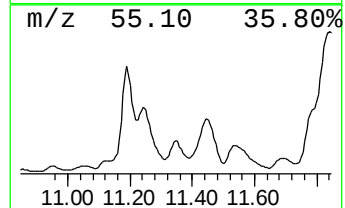
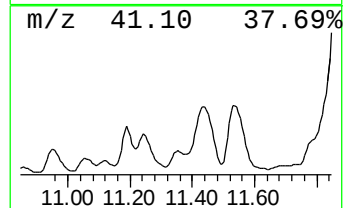
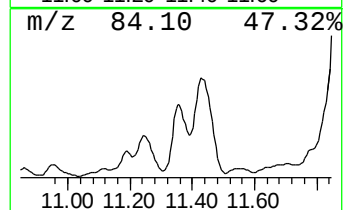
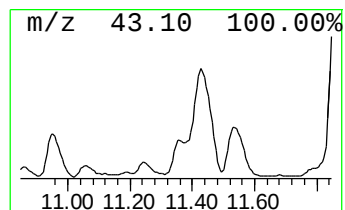
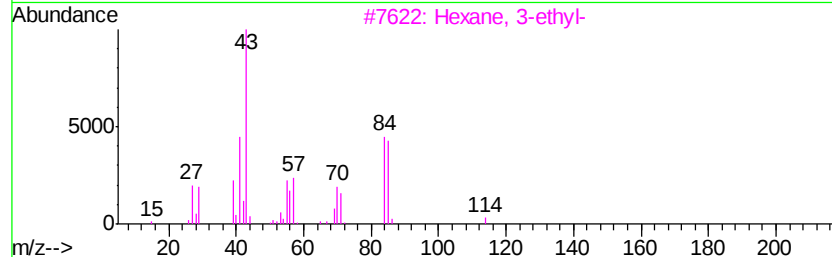
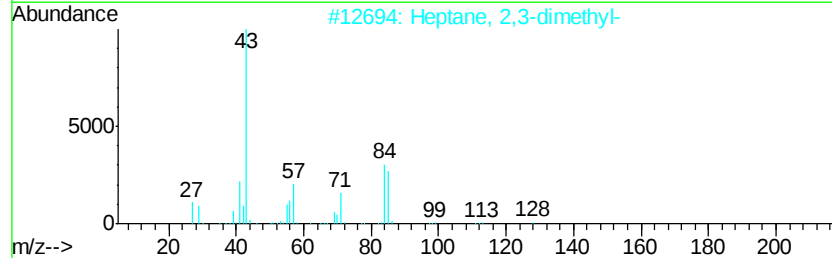
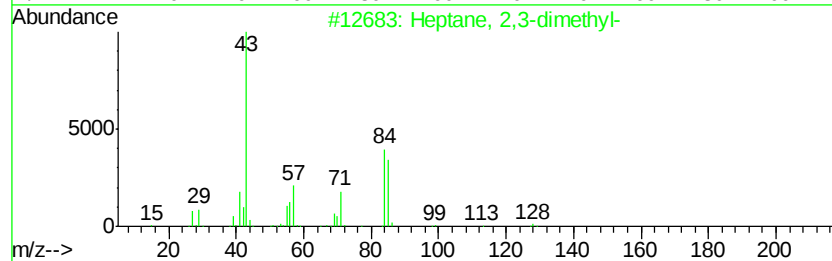
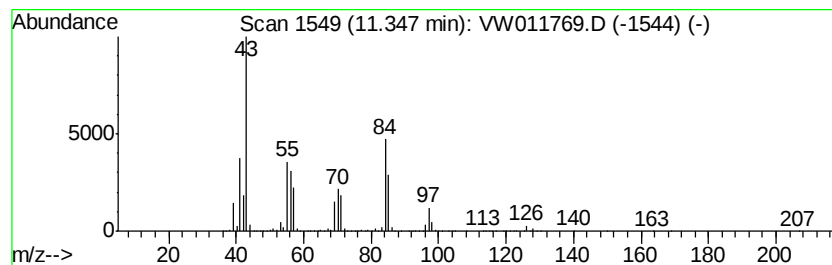
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Quant Title : VOC Analysis

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	8.64 ug/L	26722500	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	74
2		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	72
3		Hexane, 3-ethyl-	114	C8H18	000619-99-8	64
4		Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	64
5		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

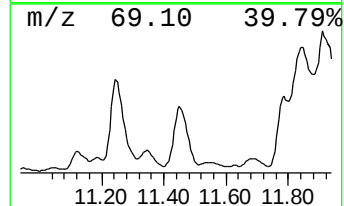
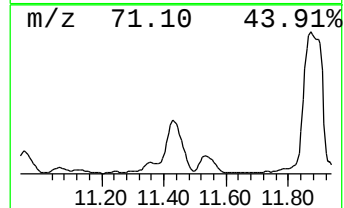
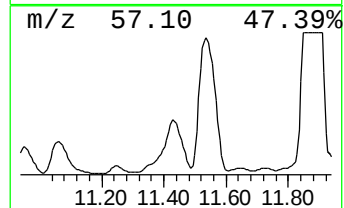
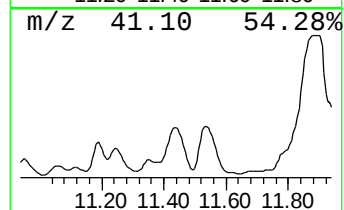
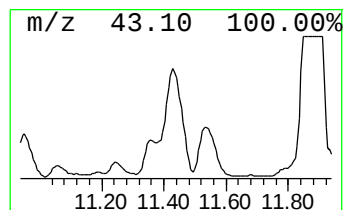
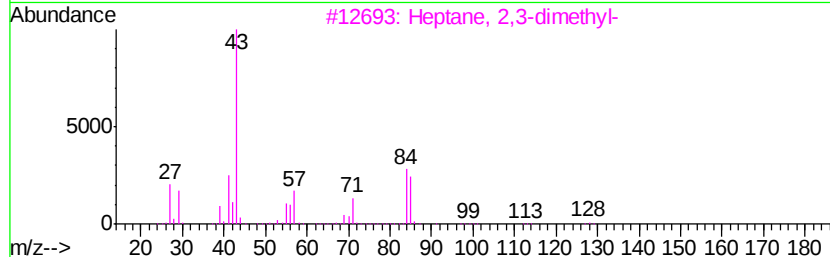
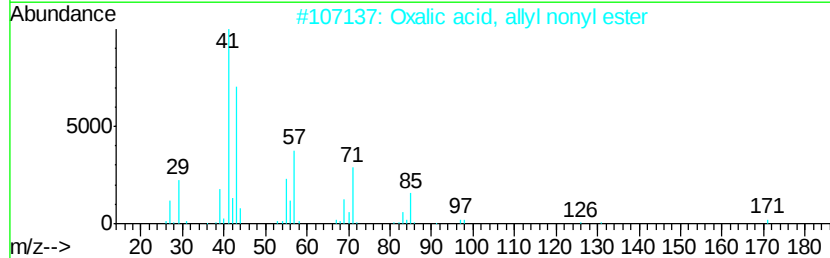
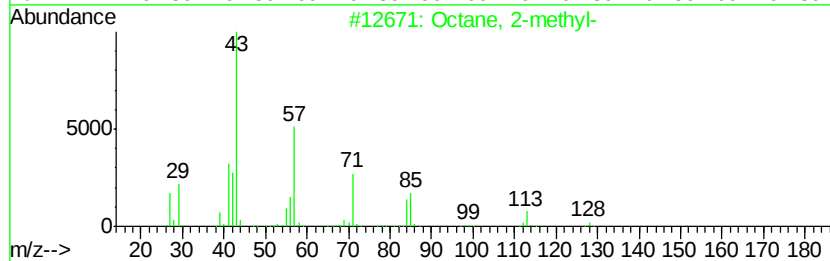
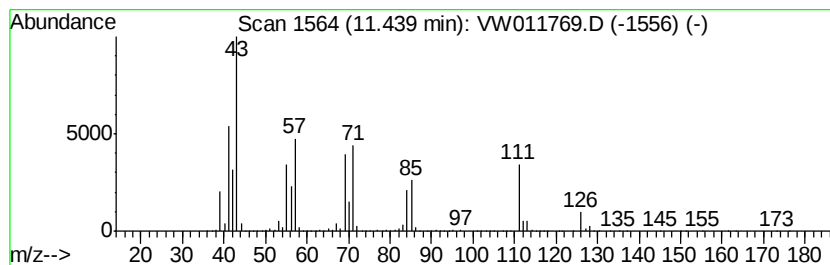
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Quant Title : VOC Analysis

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

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	34.01 ug/L	105225000	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2-methyl-	128	C9H20	003221-61-2	58
2		Oxalic acid, allyl nonyl ester	256	C14H24O4	1000309-23-7	43
3		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	43
4		1-Undecene, 4-methyl-	168	C12H24	074630-39-0	43
5		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

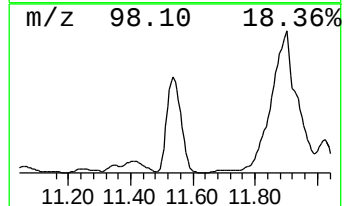
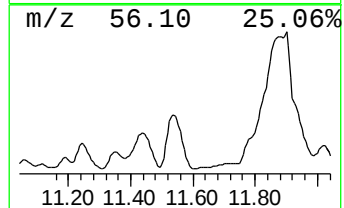
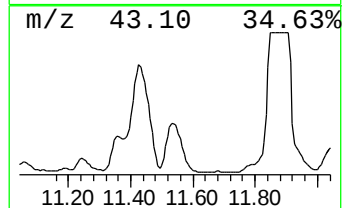
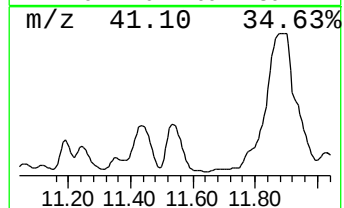
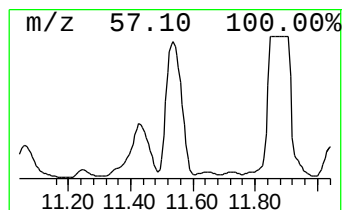
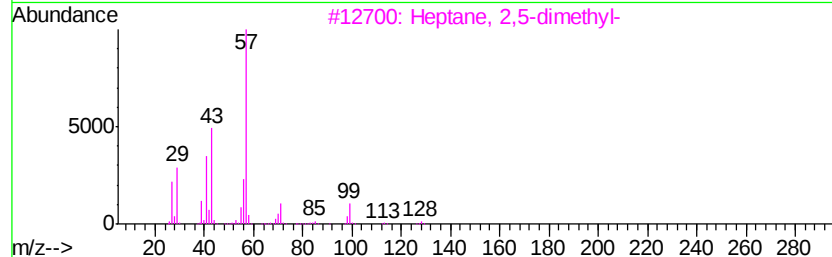
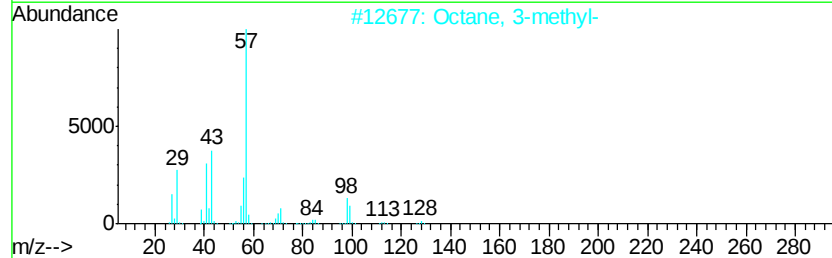
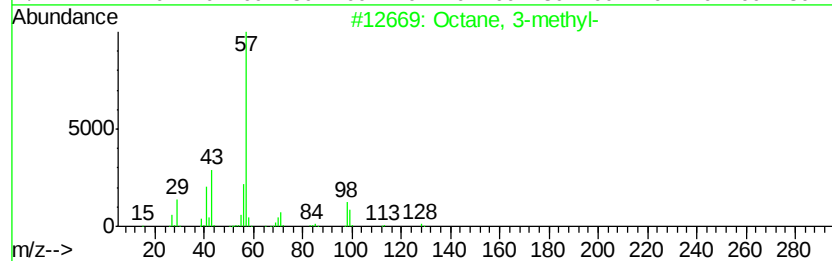
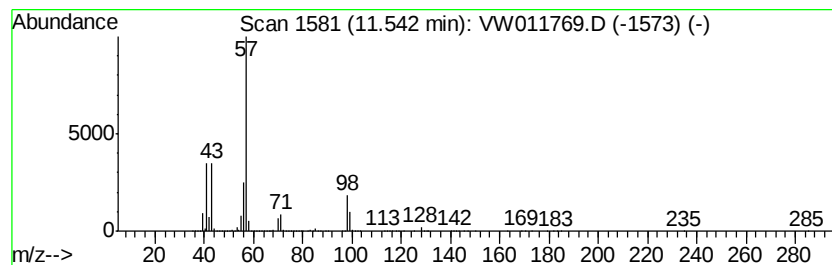
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Quant Title : VOC Analysis

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

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	25.00 ug/L	77343100	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3-methyl-	128	C9H20	002216-33-3	91
2		Octane, 3-methyl-	128	C9H20	002216-33-3	91
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	80
4		Undecane, 6-methyl-	170	C12H26	017302-33-9	64
5		Octane, 3-methyl-	128	C9H20	002216-33-3	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

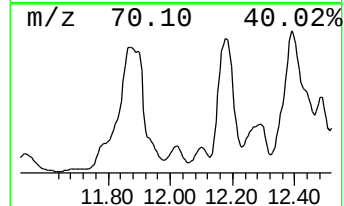
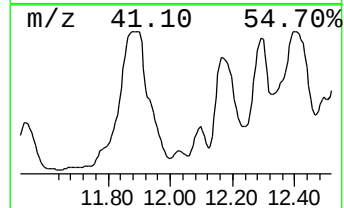
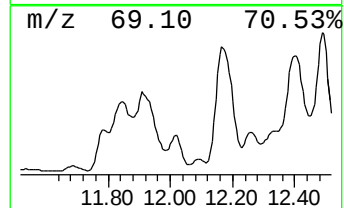
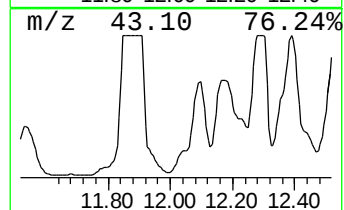
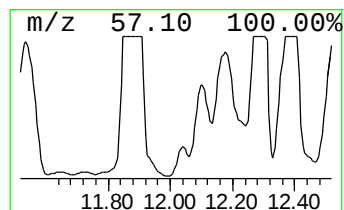
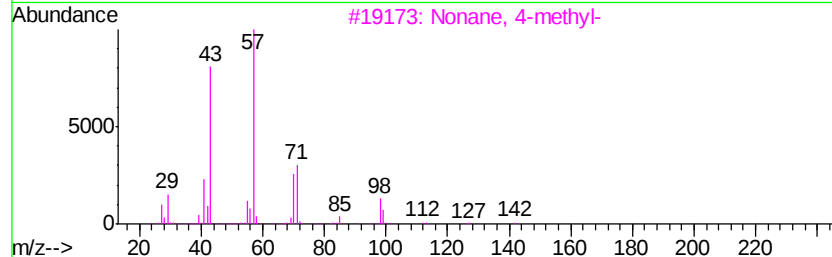
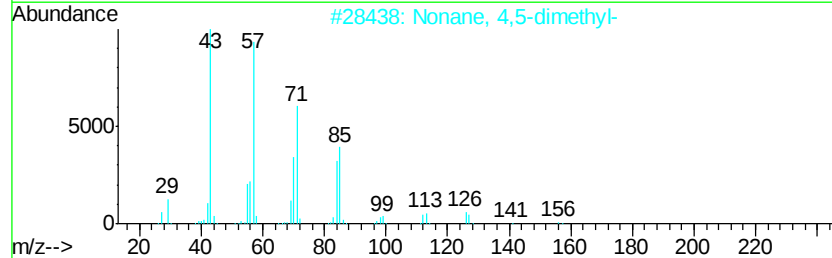
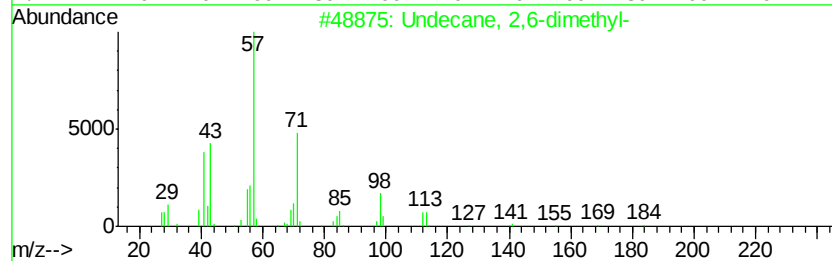
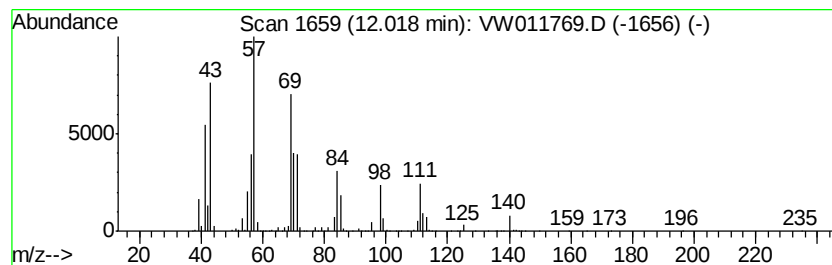
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Quant Title : VOC Analysis

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	3.37 ug/L	10436000	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
2			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	50
3			Nonane, 4-methyl-	142	C10H22	017301-94-9	49
4			Nonane, 2-methyl-	142	C10H22	000871-83-0	49
5			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

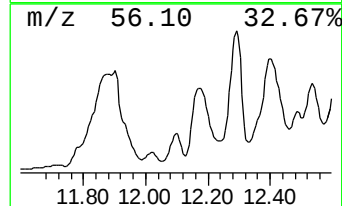
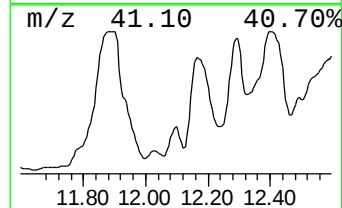
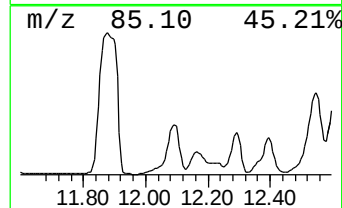
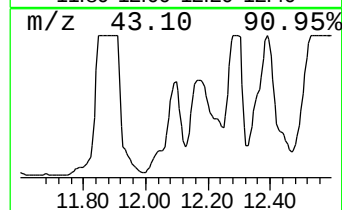
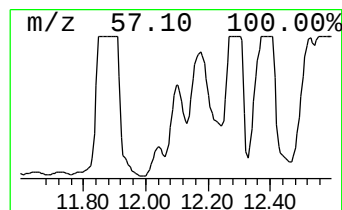
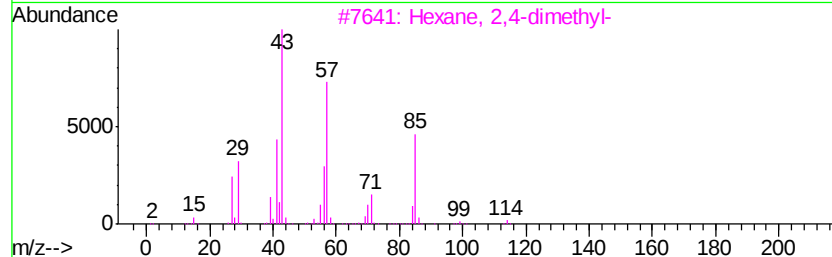
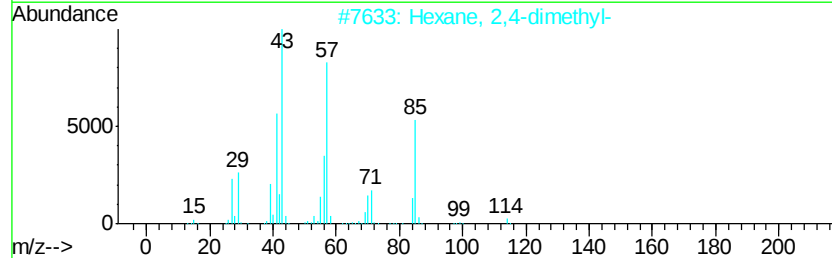
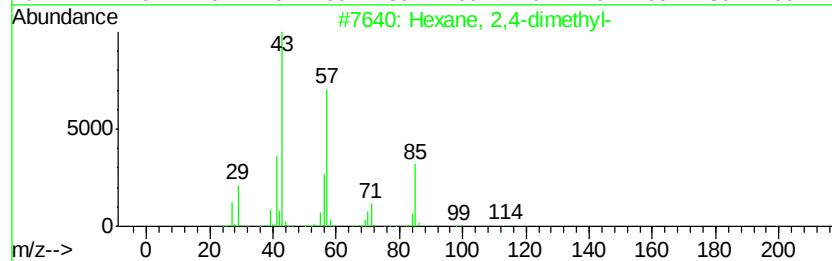
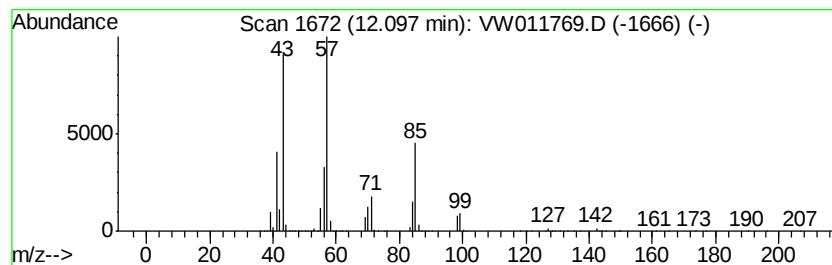
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Quant Title : VOC Analysis

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

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	11.39 ug/L	35233600	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	86
2		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	78
3		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	78
4		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
5		4,4-Dimethyl octane	142	C10H22	015869-95-1	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

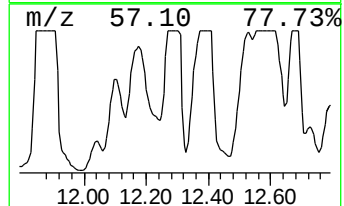
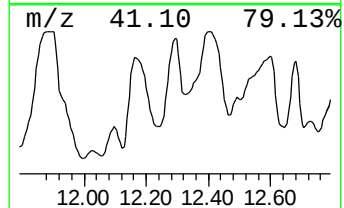
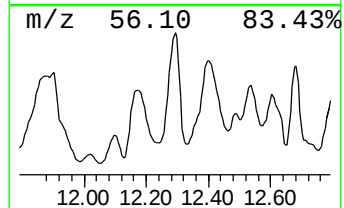
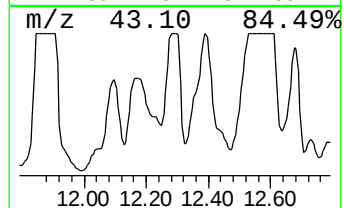
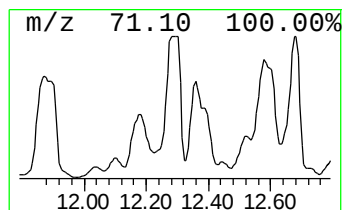
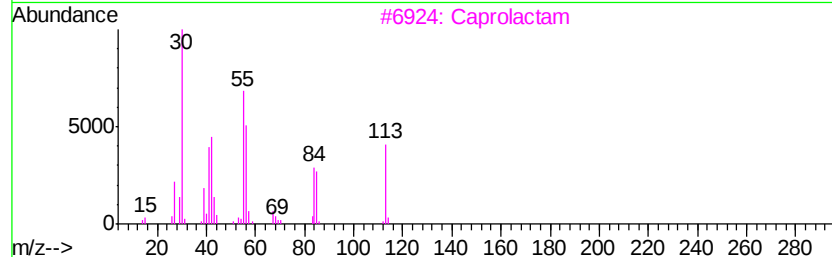
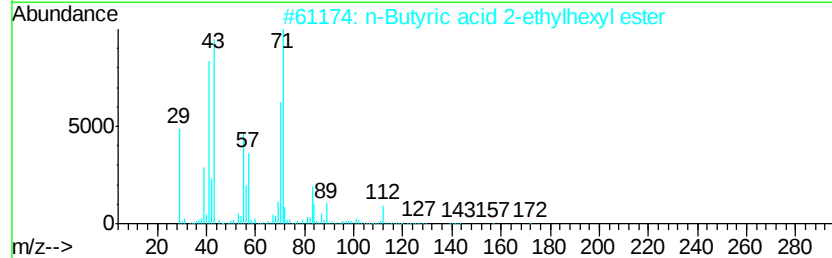
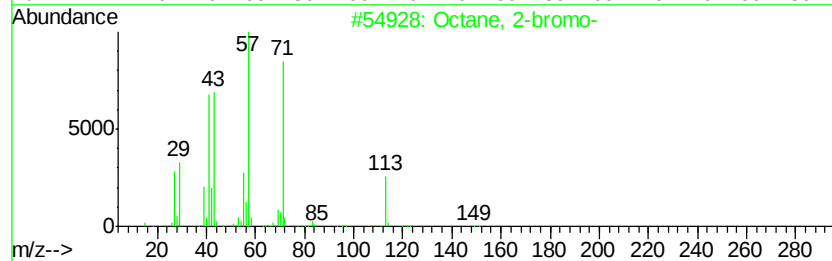
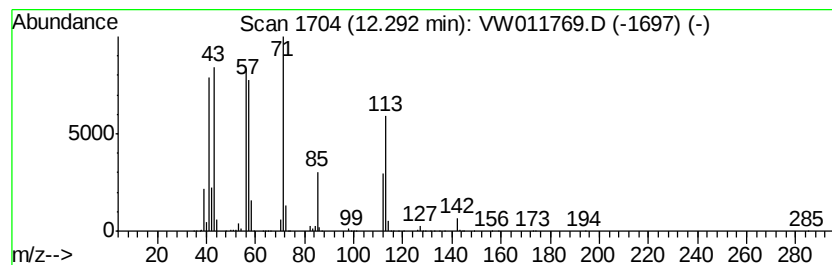
Instrument :
MSVOA_W
ClientSampleId :
ETOB9

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

Peak Number 46 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.29	42.65 ug/L	131960000	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2-bromo-	192	C8H17Br	000557-35-7	43
2		n-Butyric acid 2-ethylhexyl ester	200	C12H24O2	025415-84-3	35
3		Caprolactam	113	C6H11NO	000105-60-2	32
4		4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	27
5		1-Butanol, 2-methyl-	88	C5H12O	000137-32-6	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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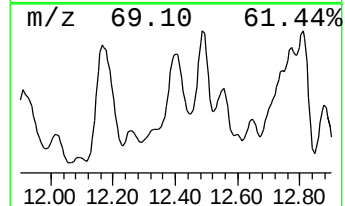
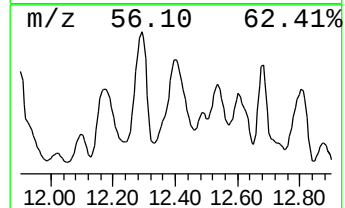
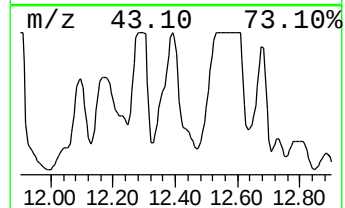
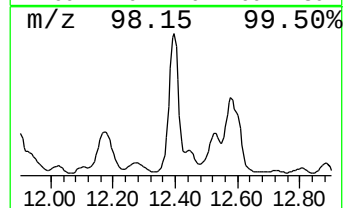
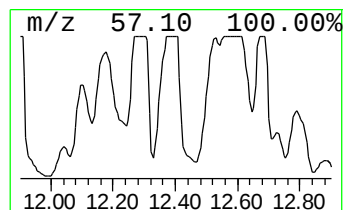
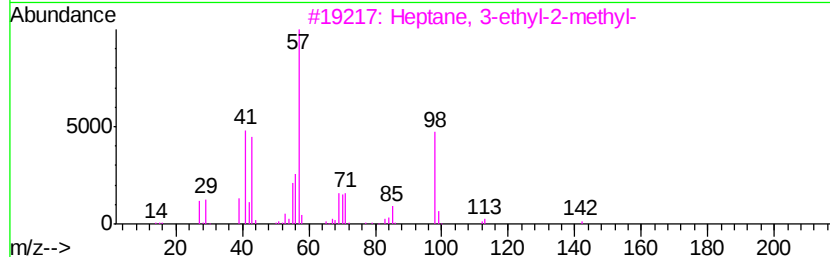
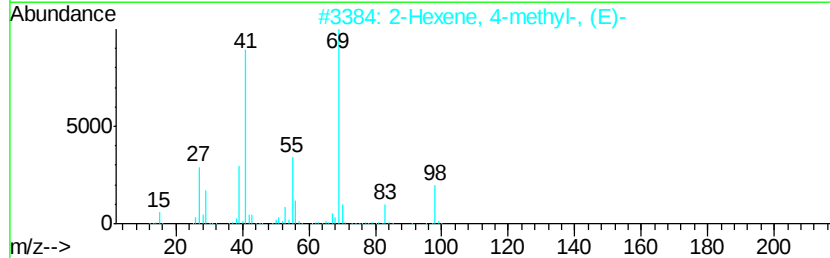
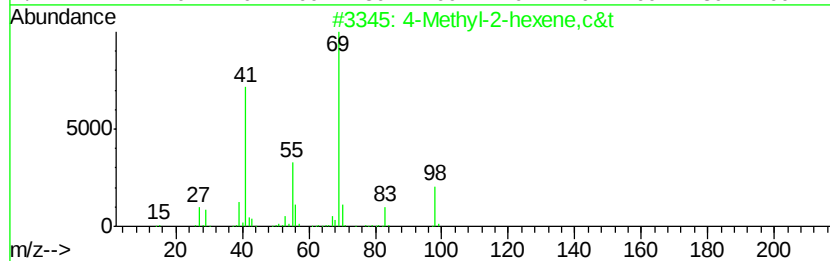
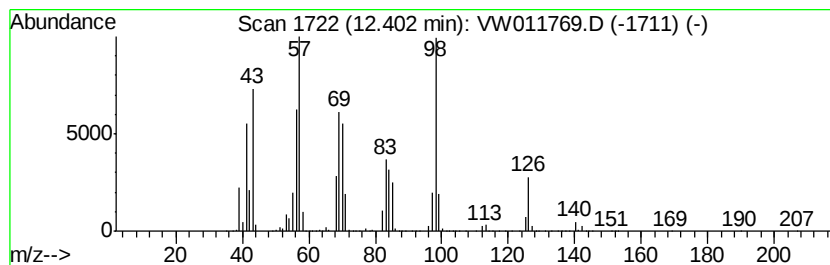
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Quant Title : VOC Analysis

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

Peak Number 47 (DEL) Alkane: Cyclic12.40 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	105.34 ug/L	325885000	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Methyl-2-hexene,c&t	98	C7H14	003404-55-5	50
2		2-Hexene, 4-methyl-, (E)-	98	C7H14	003683-22-5	50
3		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	47
4		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	47
5		Cyclohexanone, 2-ethyl-	126	C8H14O	004423-94-3	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

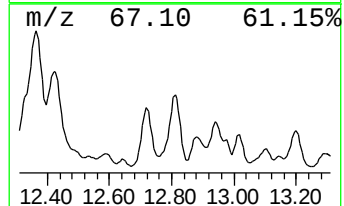
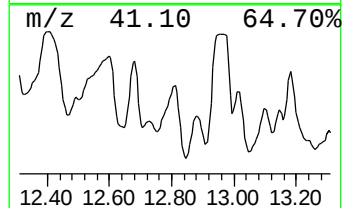
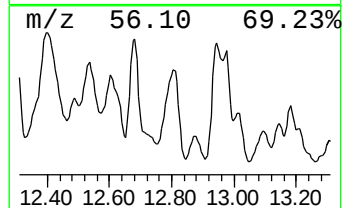
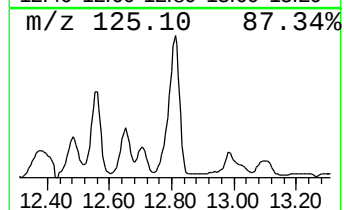
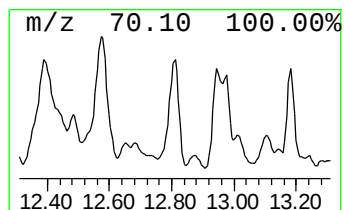
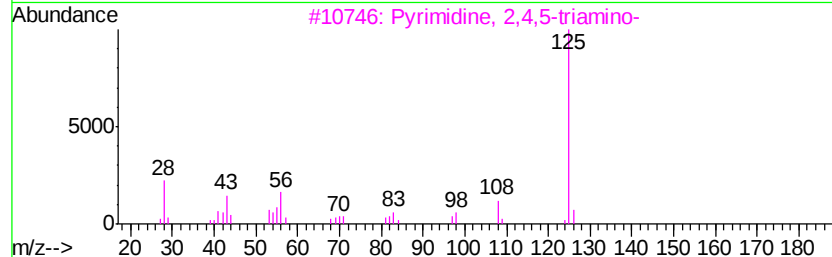
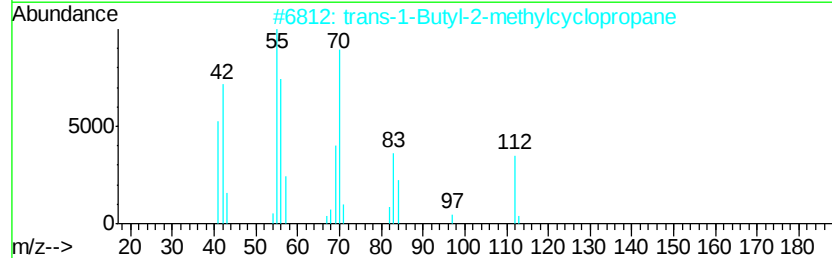
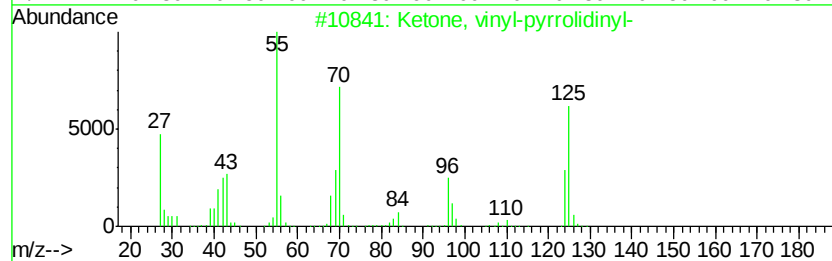
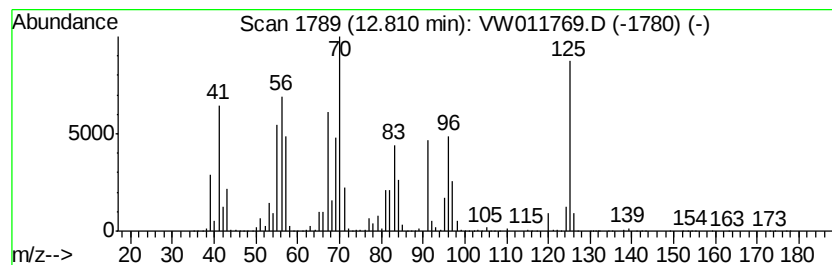
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Quant Title : VOC Analysis

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

Peak Number 48 Ketone, vinyl-pyrrolidinyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	222.91 ug/L	186207000	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ketone, vinyl-pyrrolidinyl-	125	C7H11NO	042104-70-1	50
2		trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	38
3		Pyrimidine, 2,4,5-triamino-	125	C4H7N5	003546-50-7	35
4		2-Amino-5-methyl-4-oxo-3,4-dihyd...	125	C5H7N3O	015981-91-6	27
5		1,3,5-Trimethyl-1H-pyrazol-4-amine	125	C6H11N3	028466-21-9	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

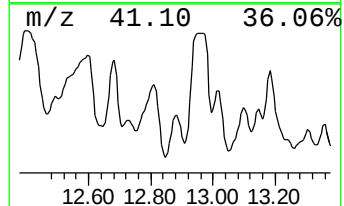
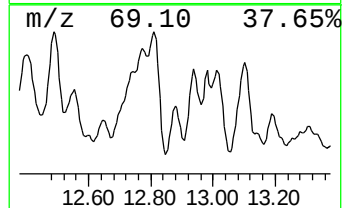
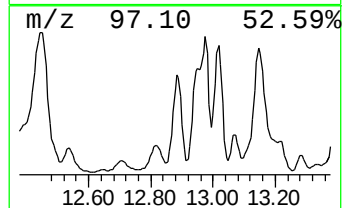
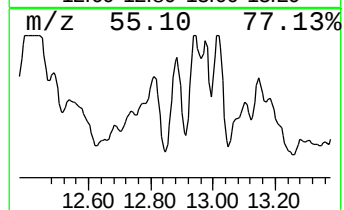
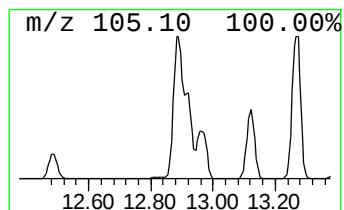
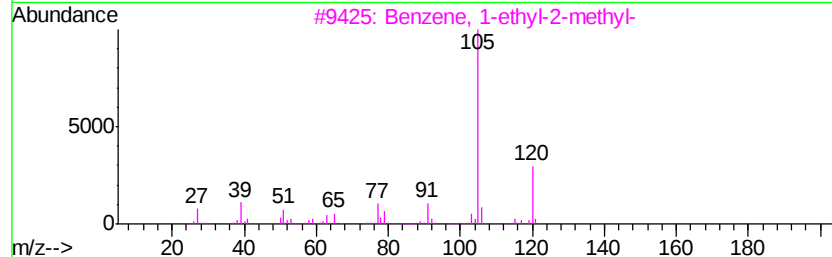
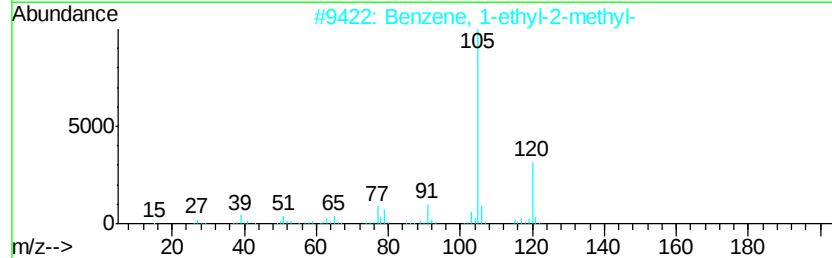
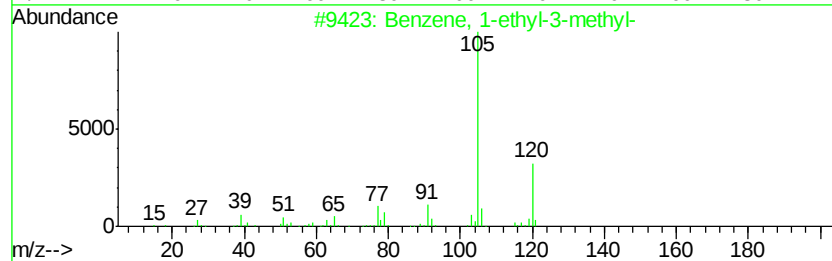
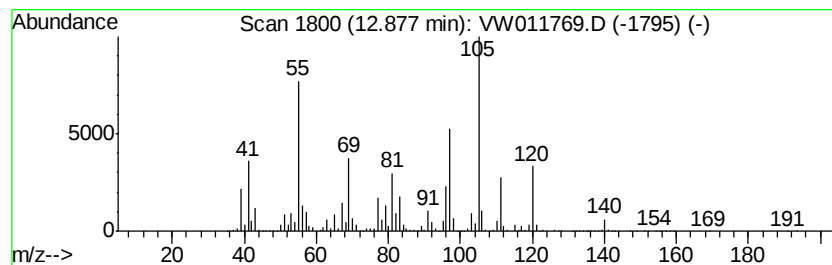
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Quant Title : VOC Analysis

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

Peak Number 49 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	150.29 ug/L	125548000	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	46
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	46
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	46
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	46
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

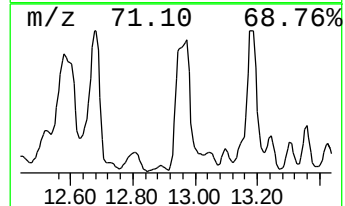
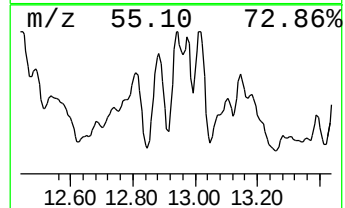
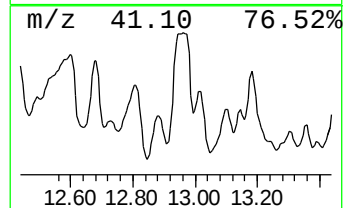
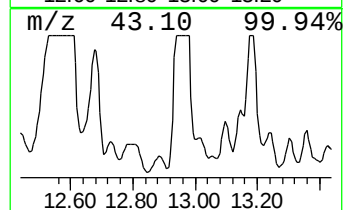
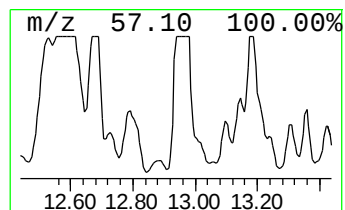
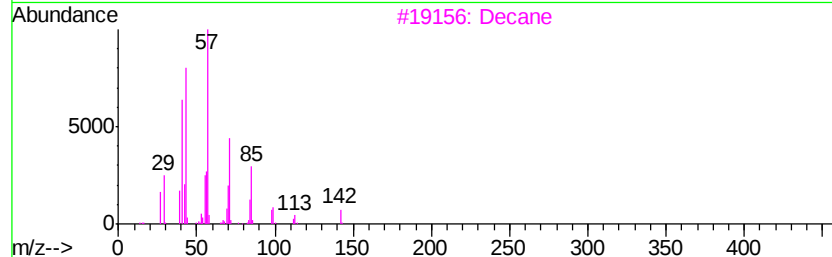
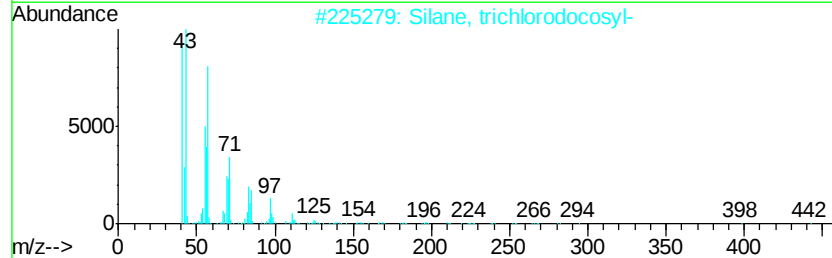
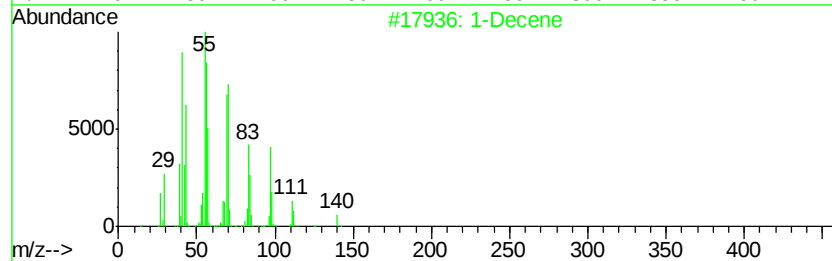
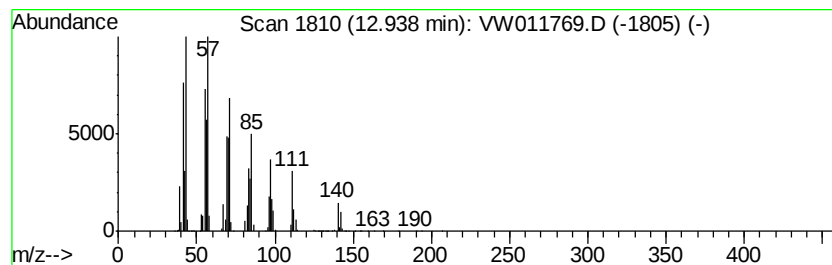
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Quant Title : VOC Analysis

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

Peak Number 50 (DEL) Alkane: Cyclic12.94 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	208.05 ug/L	173791000	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decene	140	C10H20	000872-05-9	89
2		Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	87
3		Decane	142	C10H22	000124-18-5	70
4		Decane	142	C10H22	000124-18-5	58
5		Decane	142	C10H22	000124-18-5	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

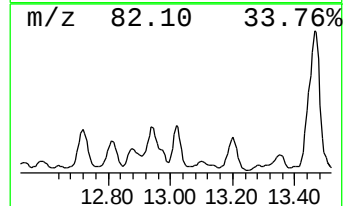
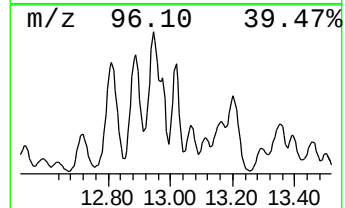
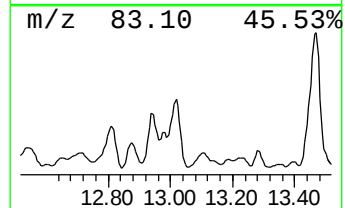
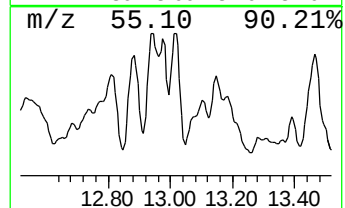
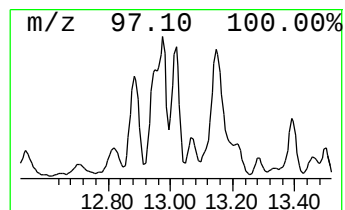
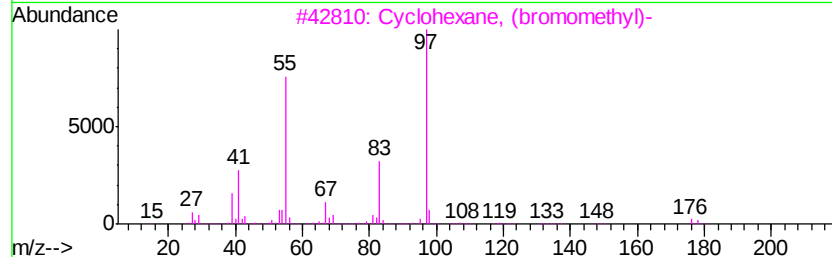
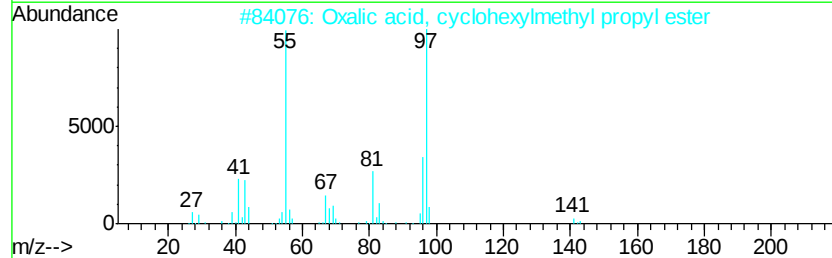
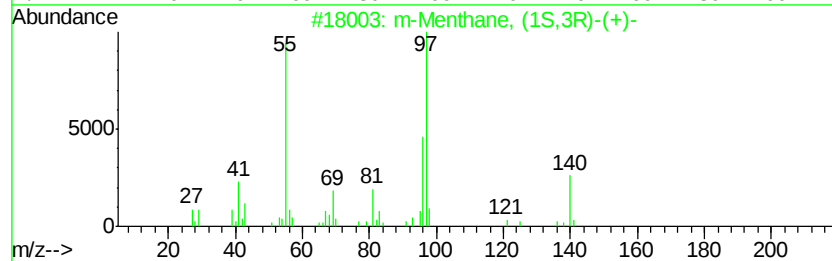
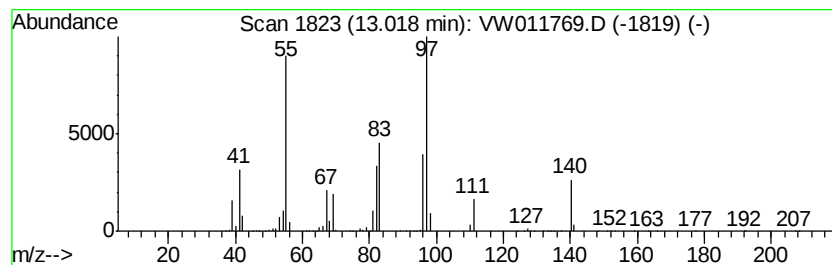
Instrument :
MSVOA_W
ClientSampleId :
ETOB9

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Quant Title : VOC Analysis

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

Peak Number 51 (DEL) Alkane: Cyclic13.02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.02	98.55 ug/L	82324900	1,4-Dichlorobenzene-d4	13.55		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Menthane, (1S,3R)-(+)-		140	C10H20	013837-66-6	52
2	Oxalic acid, cyclohexylmethyl pr...		228	C12H20O4	1000309-68-1	50
3	Cvclohexane, (bromomethyl)-		176	C7H13Br	002550-36-9	47
4	Oxalic acid, di(cvclohexylmethyl...		282	C16H26O4	1000309-68-5	47
5	cis-2-Oxabicyclo[4.4.0]decane		140	C9H16O	060416-19-5	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

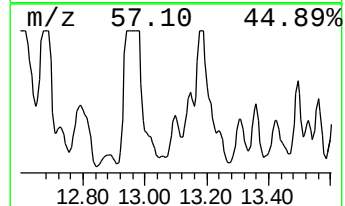
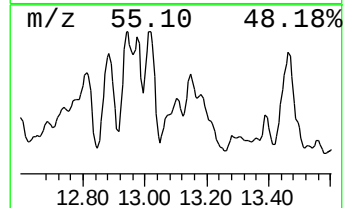
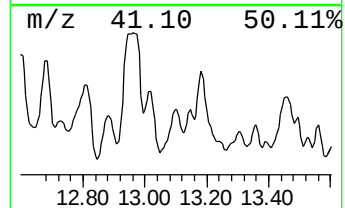
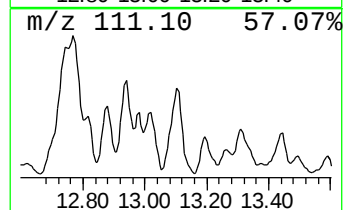
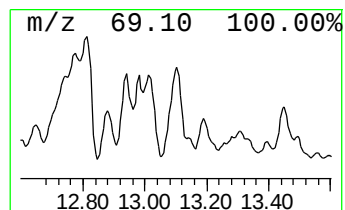
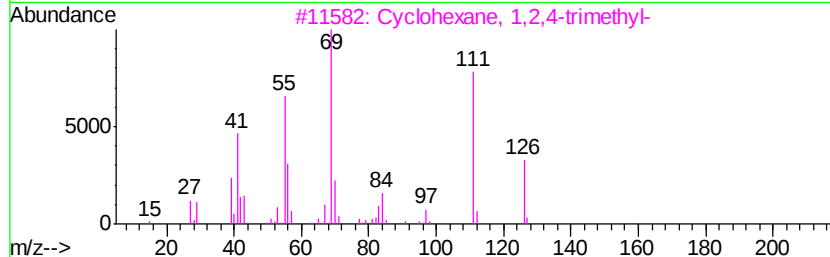
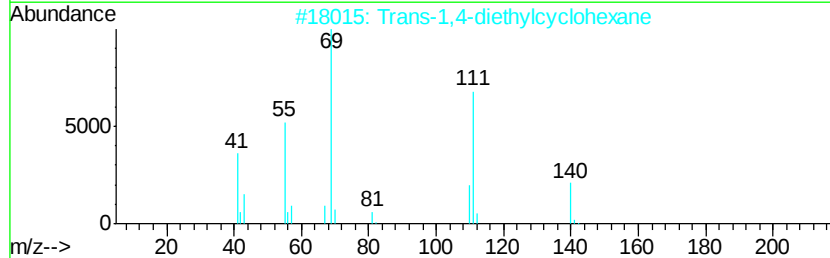
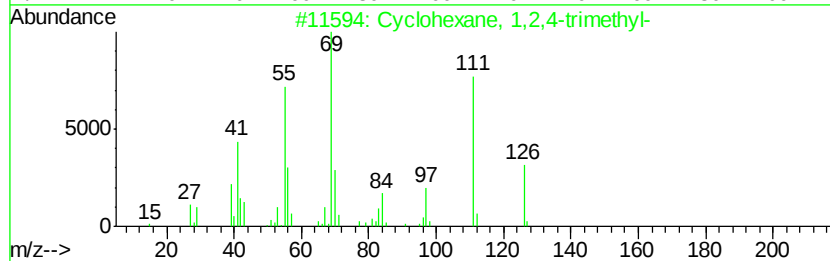
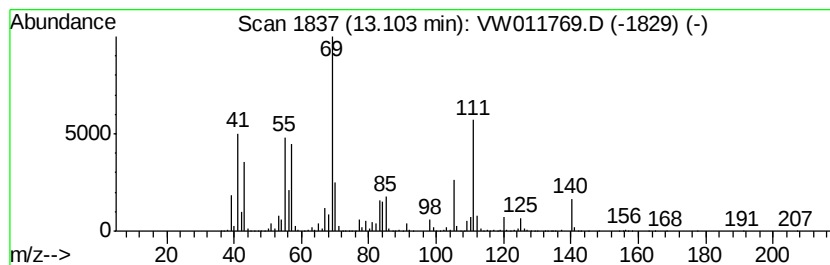
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Quant Title : VOC Analysis

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

Peak Number 52 (DEL) Alkane: Cyclic13.10 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	94.91 ug/L	79286600	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	64
2		Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	53
3		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	53
4		Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	53
5		Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

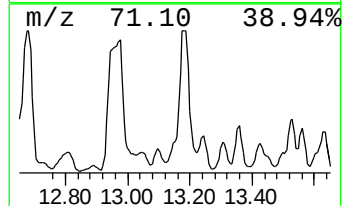
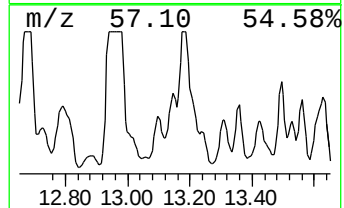
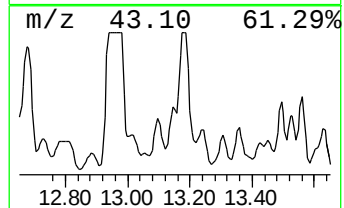
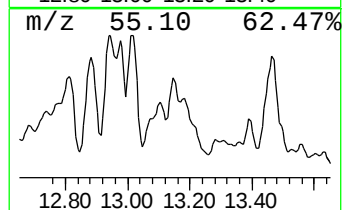
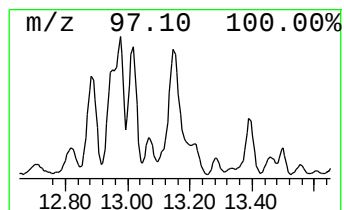
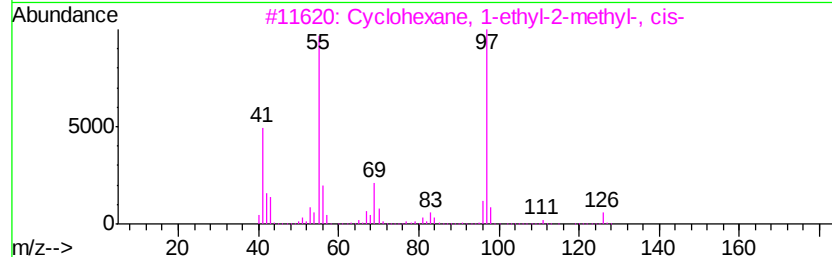
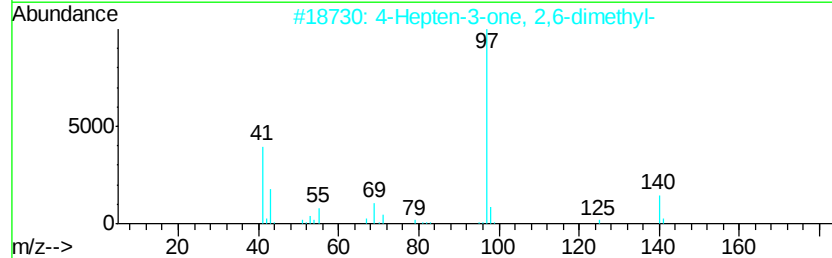
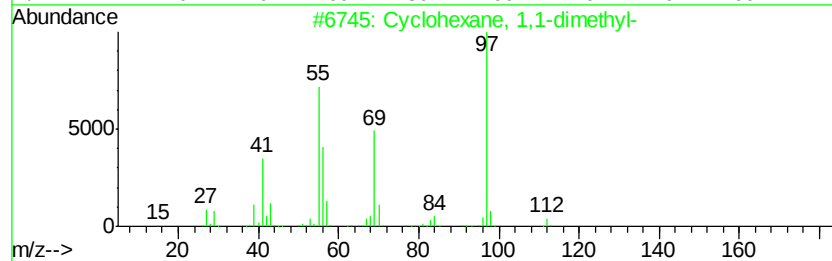
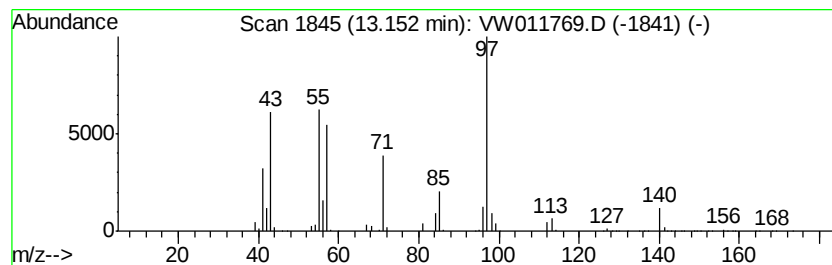
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Quant Title : VOC Analysis

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

Peak Number 53 (DEL) Alkane: Cyclic13.15 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	44.99 ug/L	37584000	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	46
2		4-Hepten-3-one, 2,6-dimethyl-	140	C9H16O	056259-14-4	43
3		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	43
4		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	30
5		Decane	142	C10H22	000124-18-5	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

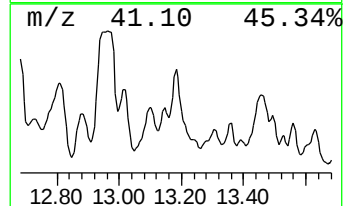
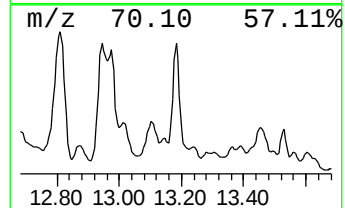
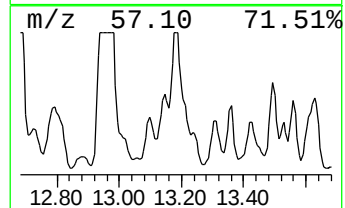
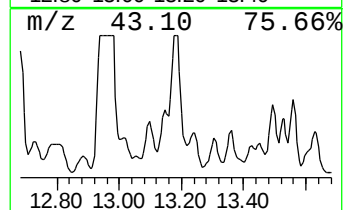
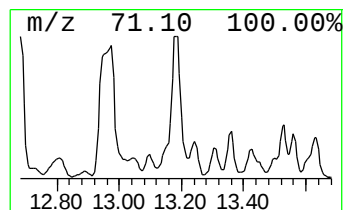
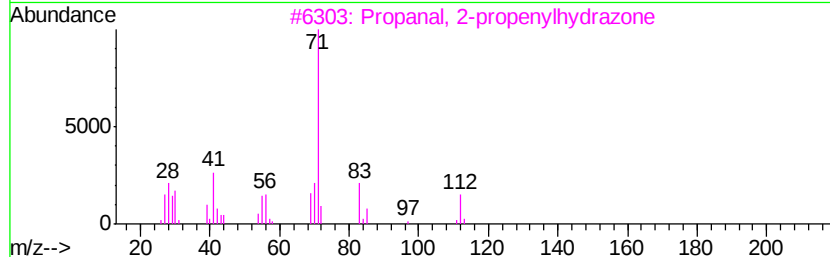
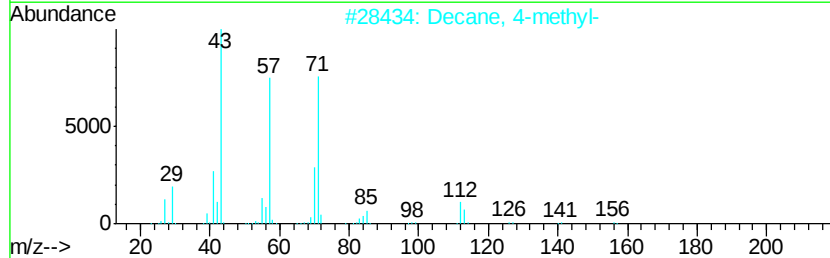
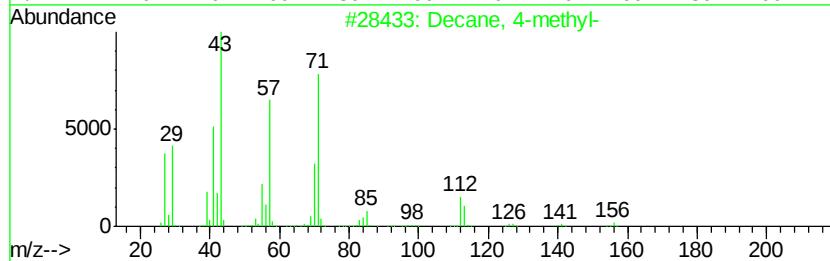
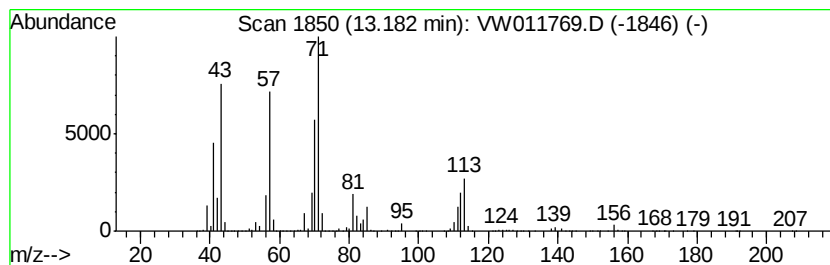
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Quant Title : VOC Analysis

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

Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	130.51 ug/L	109020000	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	68
2		Decane, 4-methyl-	156	C11H24	002847-72-5	59
3		Propanal, 2-propenylhydrazine	112	C6H12N2	019031-78-8	58
4		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	53
5		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	53



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

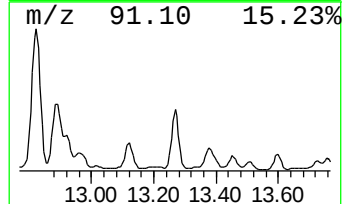
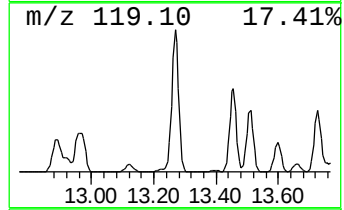
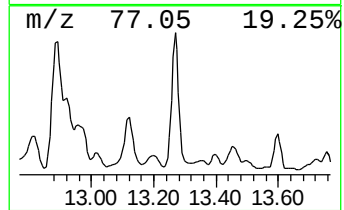
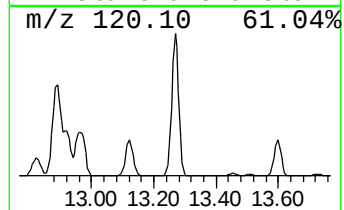
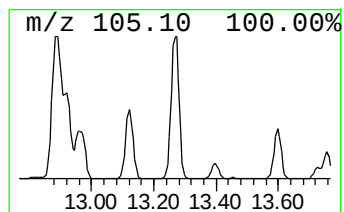
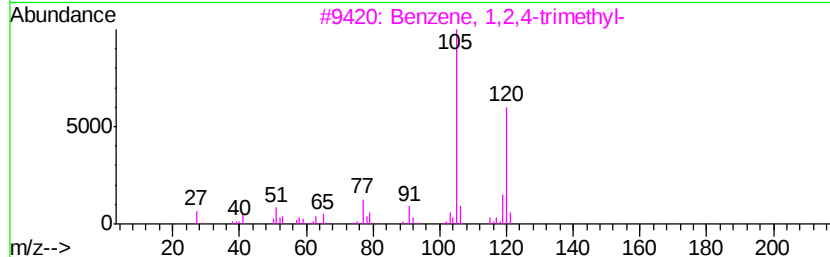
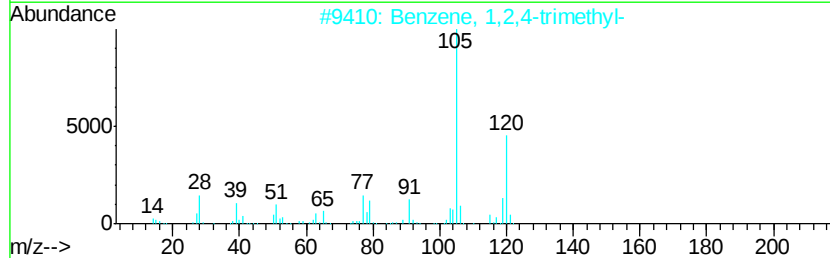
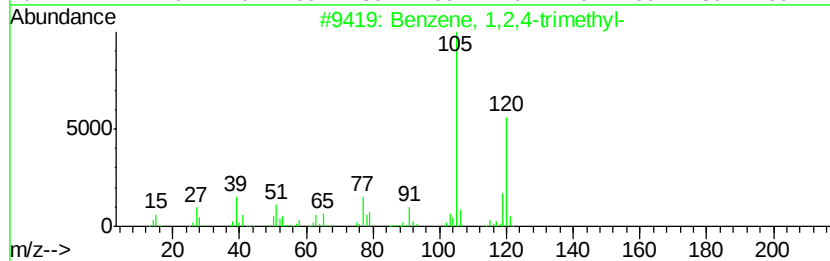
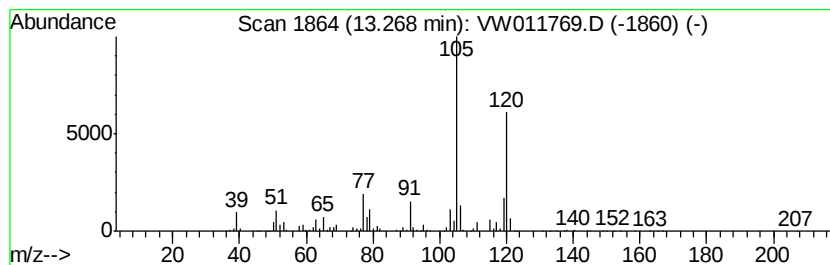
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Quant Title : VOC Analysis

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

Peak Number 55 Benzene, 1,2,4-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	38.00 ug/L	31746900	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4		Mesitylene	120	C9H12	000108-67-8	93
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

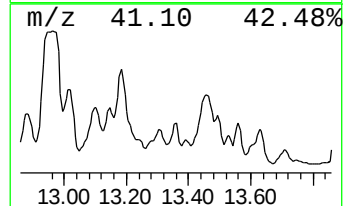
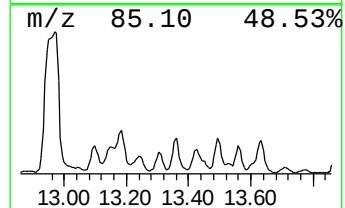
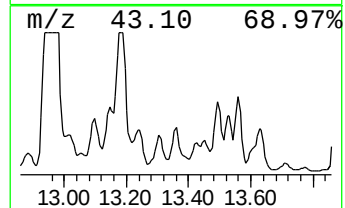
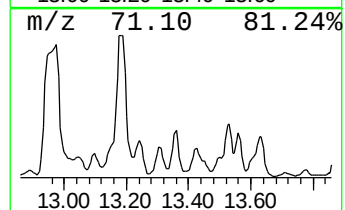
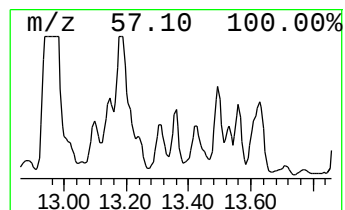
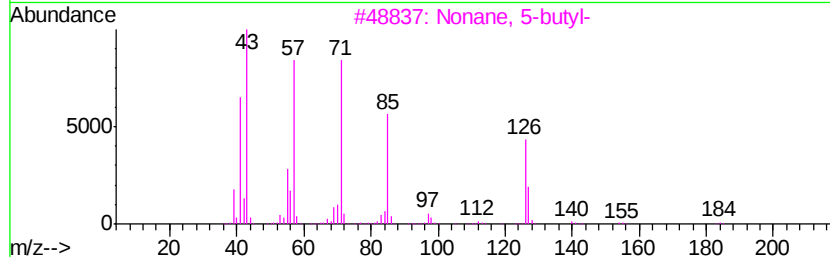
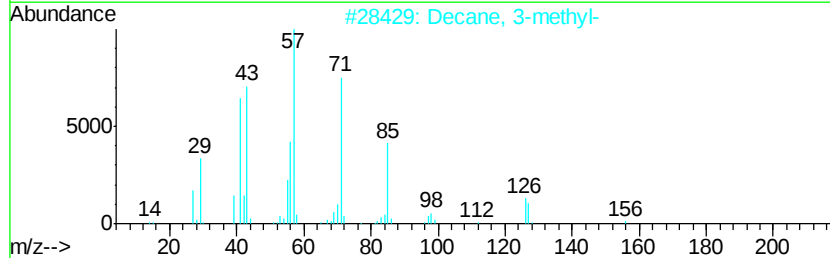
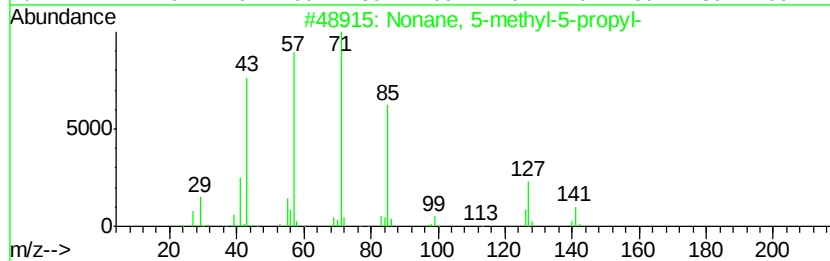
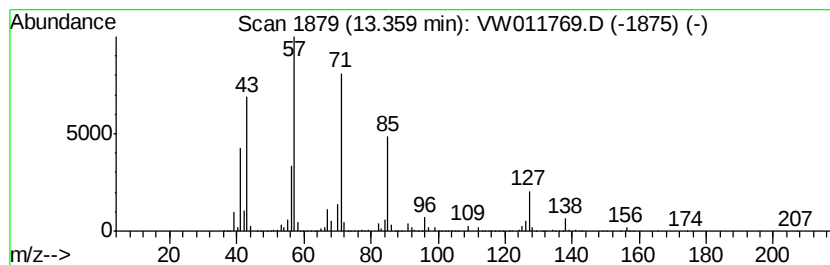
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Quant Title : VOC Analysis

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

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	22.67 ug/L	18938500	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	64
2		Decane, 3-methyl-	156	C11H24	013151-34-3	64
3		Nonane, 5-butyl-	184	C13H28	017312-63-9	59
4		10-Methylnonadecane	282	C20H42	056862-62-5	59
5		Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

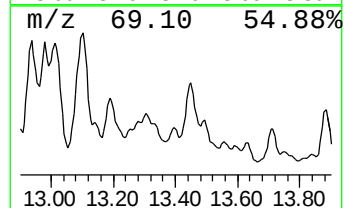
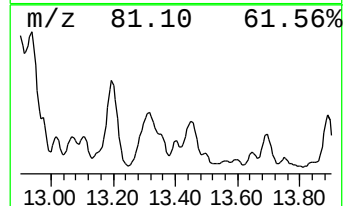
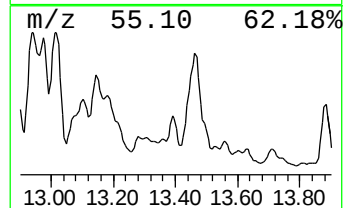
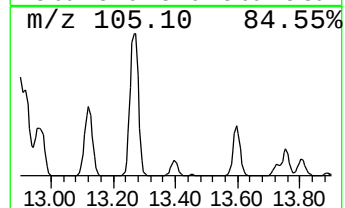
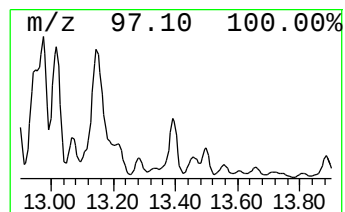
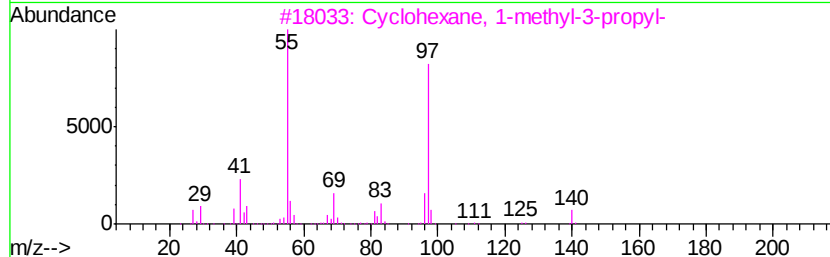
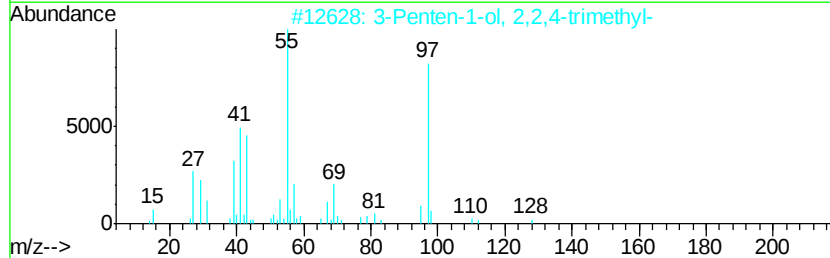
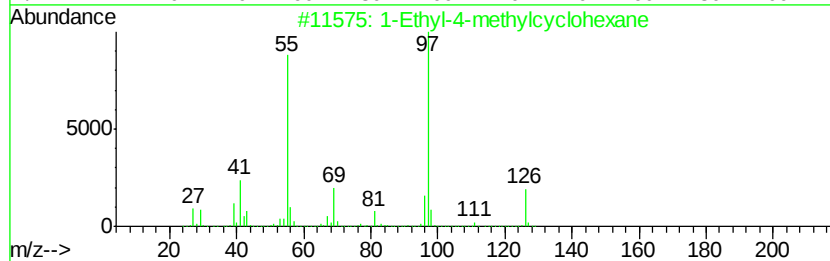
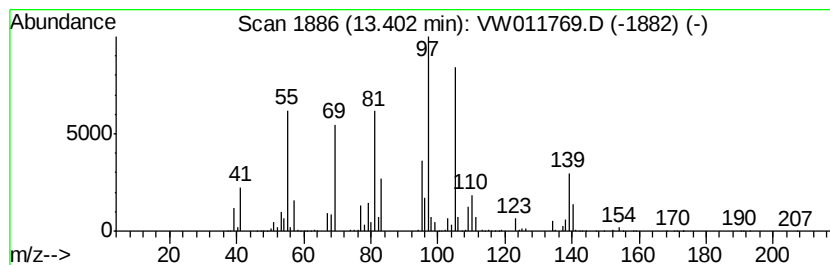
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Quant Title : VOC Analysis

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

Peak Number 57 (DEL) Alkane: Cyclic13.40 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	8.27 ug/L	6909120	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	53
2		3-Penten-1-ol, 2,2,4-trimethyl-	128	C8H16O	005842-53-5	53
3		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	53
4		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	50
5		Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

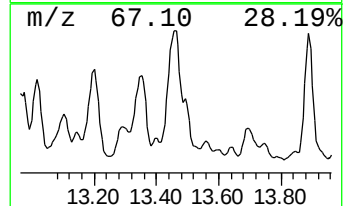
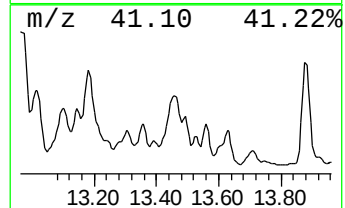
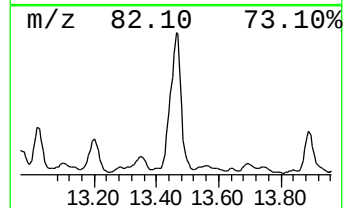
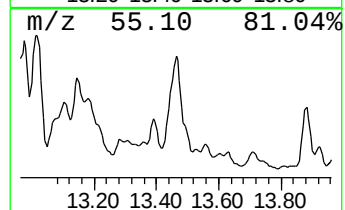
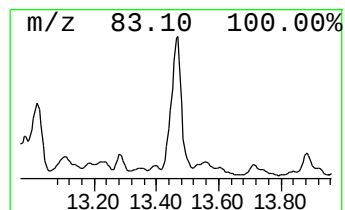
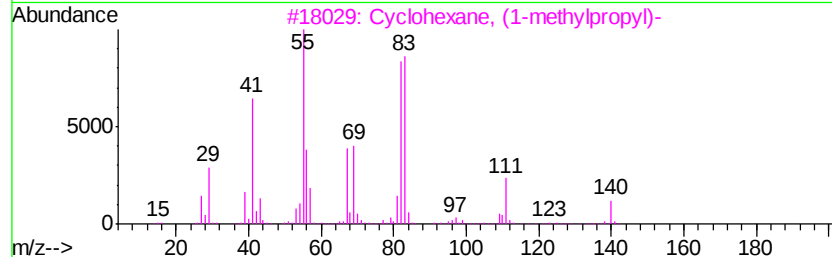
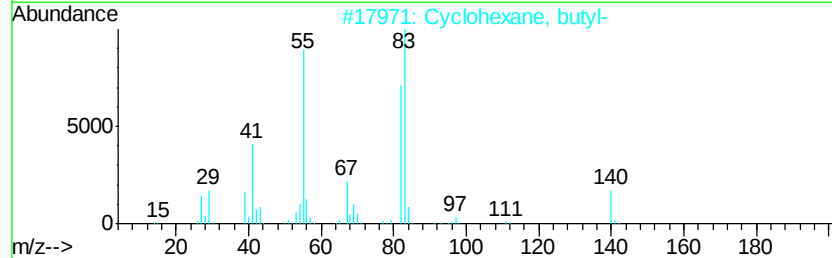
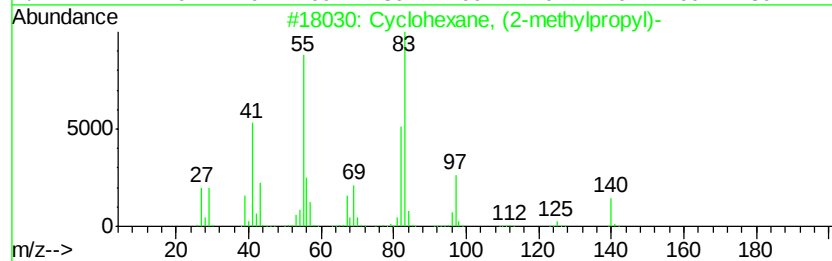
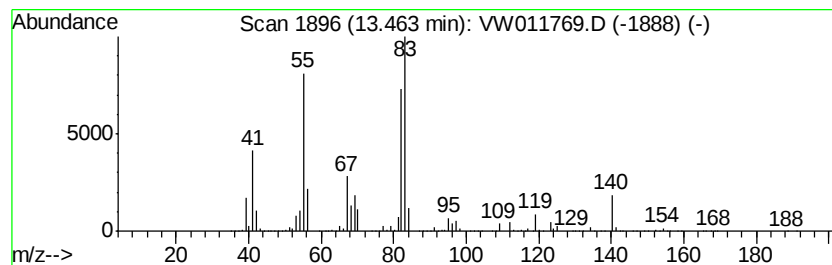
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Quant Title : VOC Analysis

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

Peak Number 58 (DEL) Alkane: Cyclic13.46 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	102.92 ug/L	85977400	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	72
3		Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	70
4		Cyclohexane, undecyl-	238	C17H34	054105-66-7	64
5		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

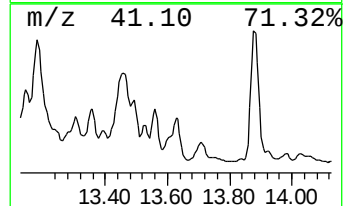
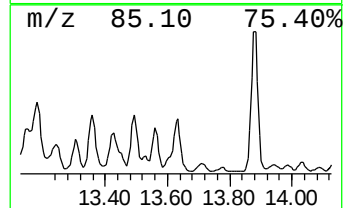
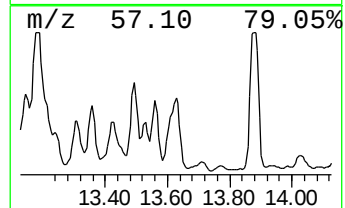
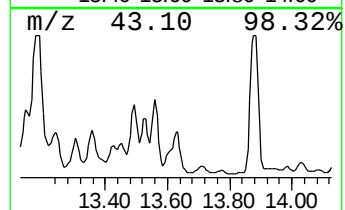
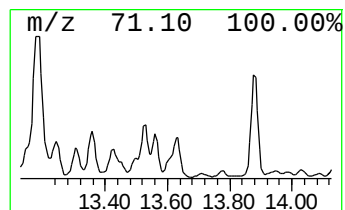
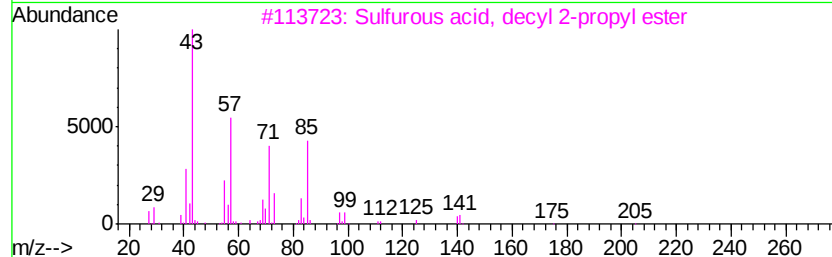
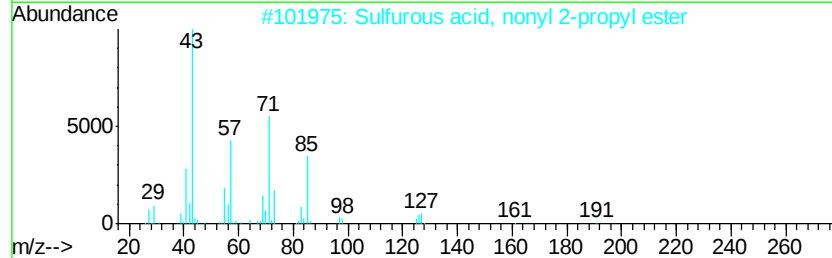
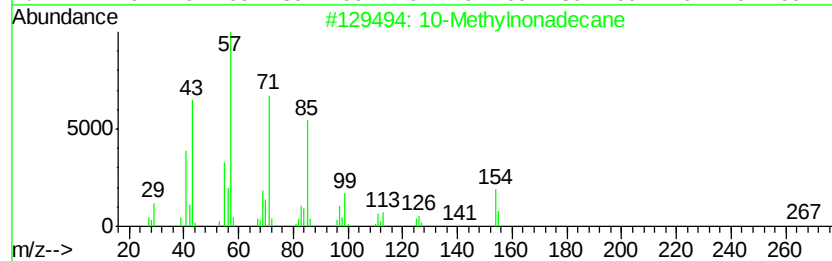
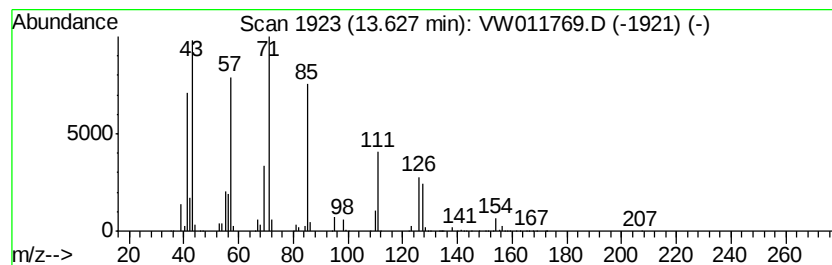
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Quant Title : VOC Analysis

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

Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	34.69 ug/L	28978000	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Methylnonadecane	282	C20H42	056862-62-5	53
2		Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	53
3		Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	50
4		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	47
5		3-Octen-2-ol, 2-methyl-, (Z)-	142	C9H18O	018521-07-8	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

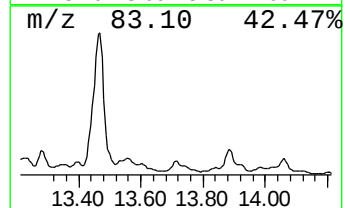
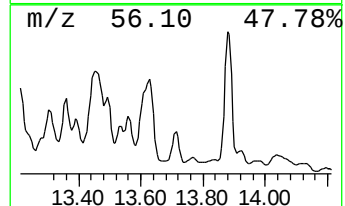
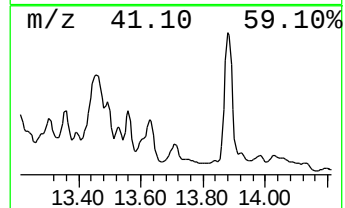
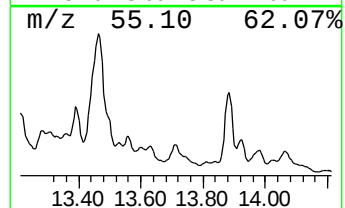
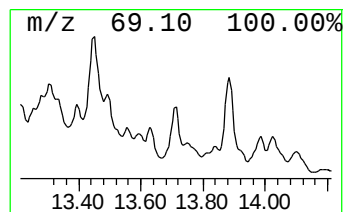
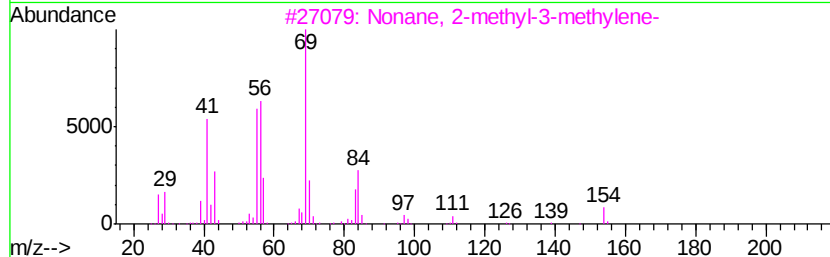
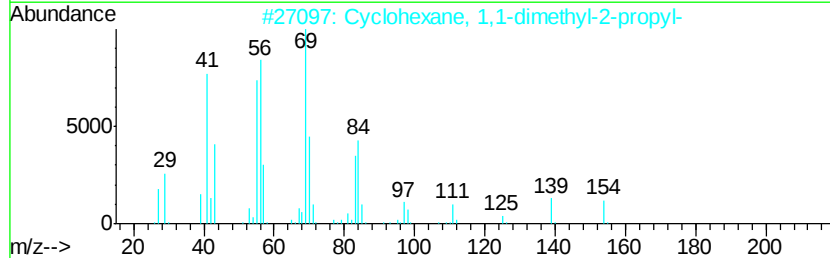
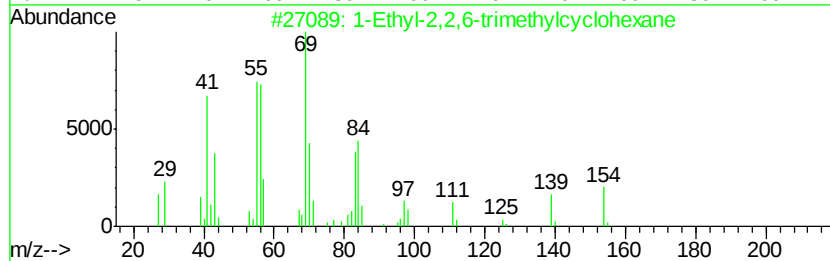
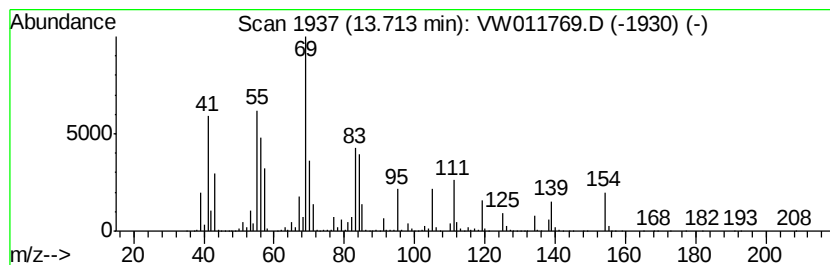
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Quant Title : VOC Analysis

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

Peak Number 60 (DEL) Alkane: Cyclic13.71 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	28.79 ug/L	24052500	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	87
2		Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	87
3		Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	53
4		2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	43
5		2-Cyclohexen-1-ol, 2-methyl-5-(1...	154	C10H18O	000536-30-1	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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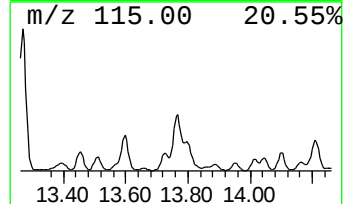
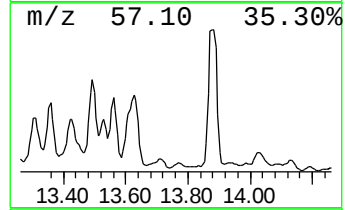
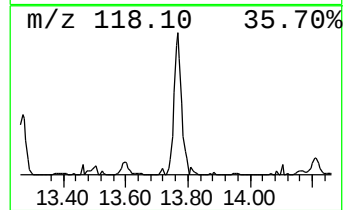
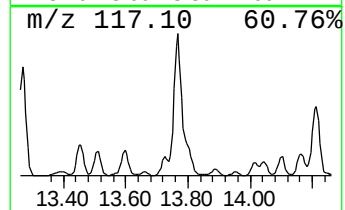
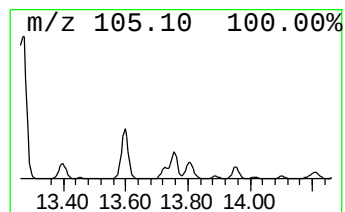
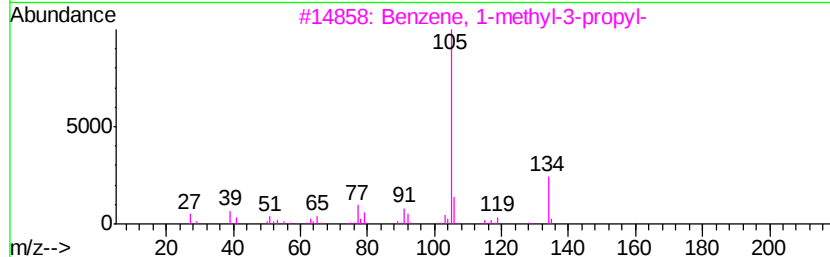
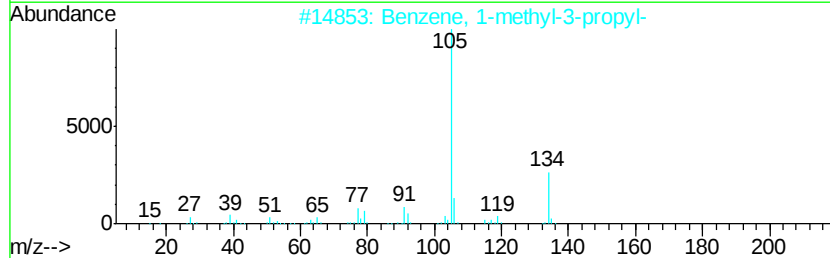
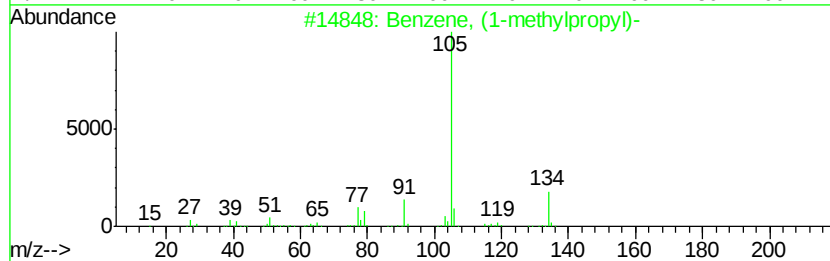
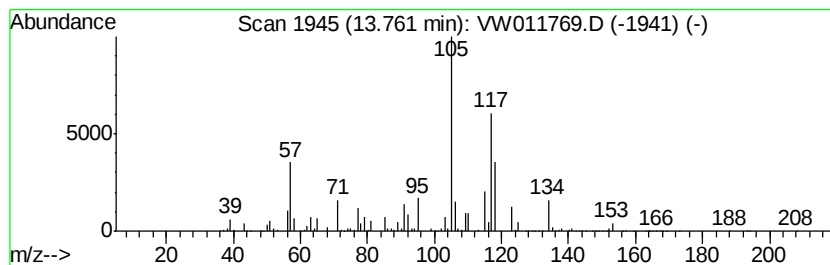
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Quant Title : VOC Analysis

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

Peak Number 61 unknown-03 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	7.28 ug/L	6082470	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	42
2		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	42
3		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	42
4		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	38
5		2-Indanol	134	C9H10O	004254-29-9	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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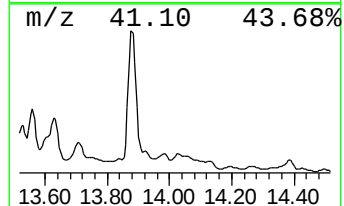
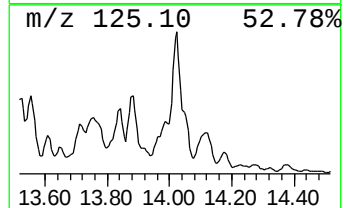
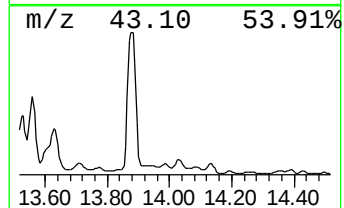
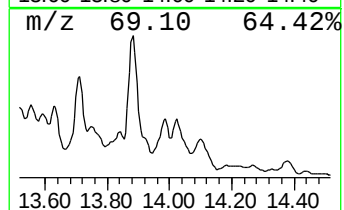
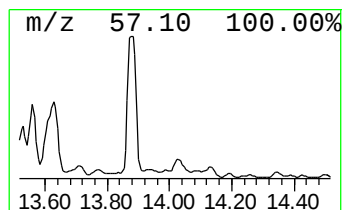
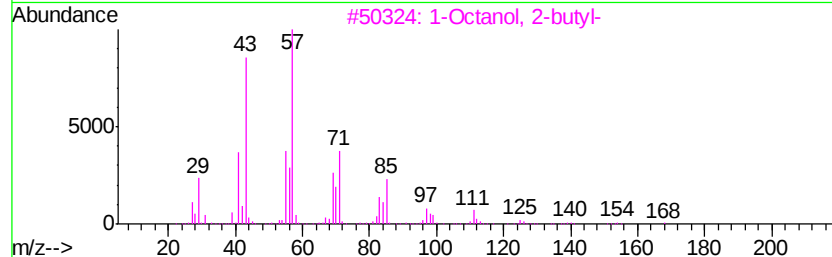
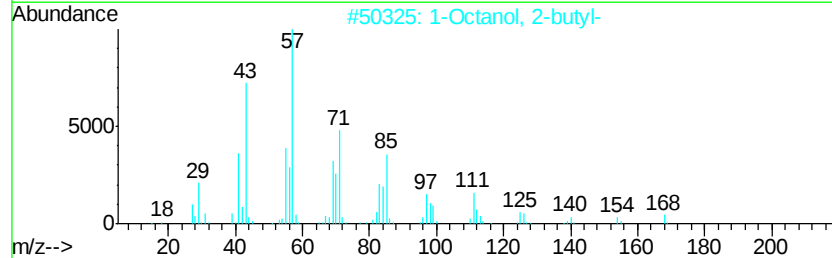
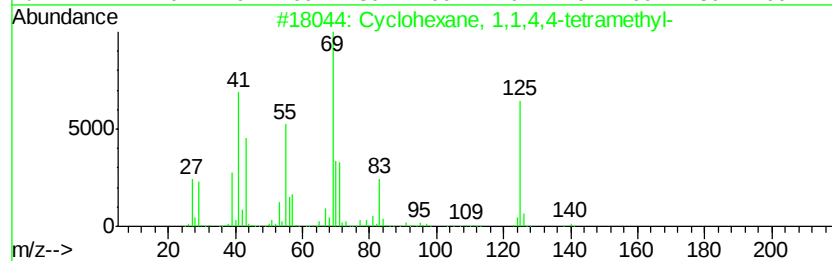
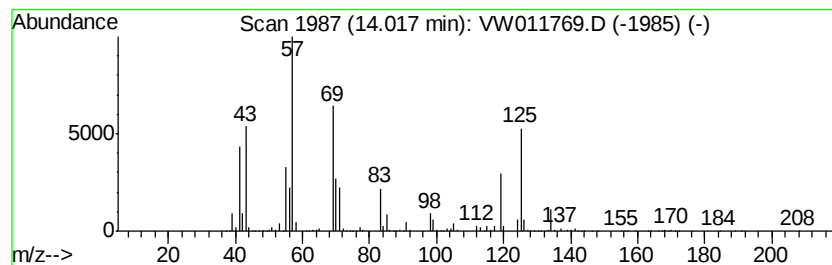
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Quant Title : VOC Analysis

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

Peak Number 62 (DEL) Alkane: Cyclic14.02 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	9.79 ug/L	8176920	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	58
2		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	53
3		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	52
4		Octane	114	C8H18	000111-65-9	43
5		Undecane	156	C11H24	001120-21-4	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

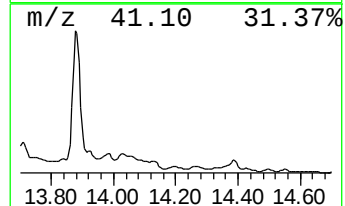
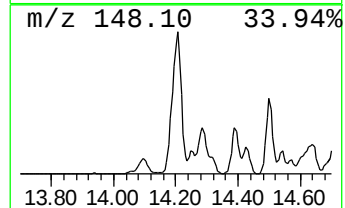
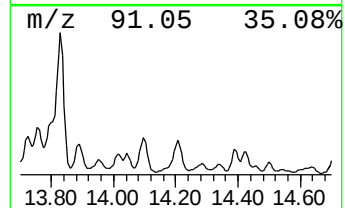
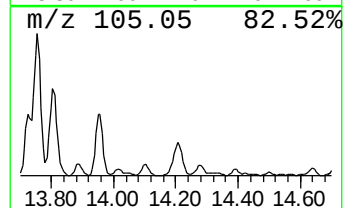
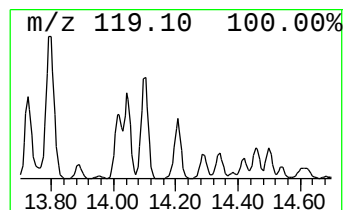
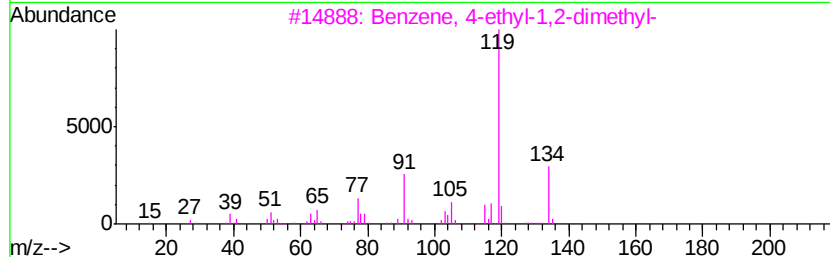
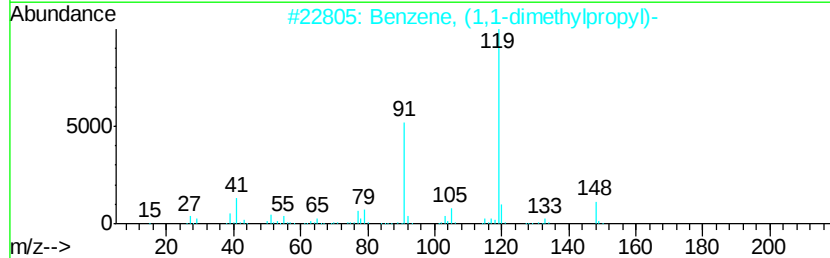
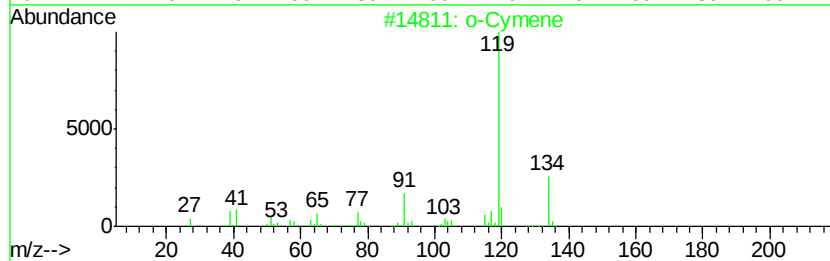
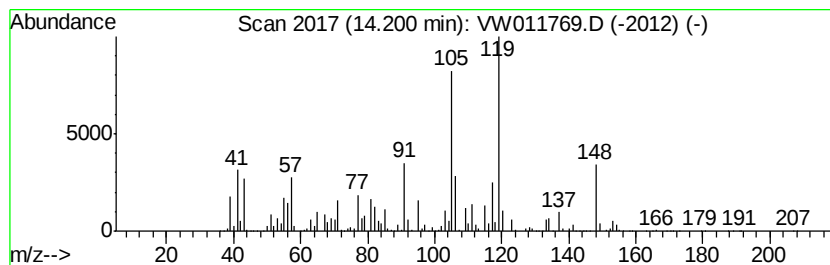
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Quant Title : VOC Analysis

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

Peak Number 63 o-Cymene Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	8.27 ug/L	6910730	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	50
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	46
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	46
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	45
5		4'-Methylpropiophenone	148	C10H12O	005337-93-9	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

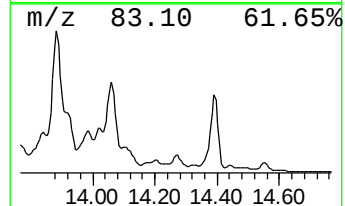
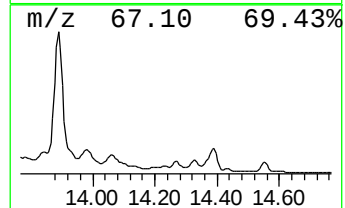
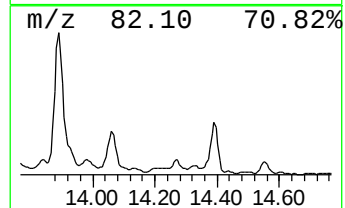
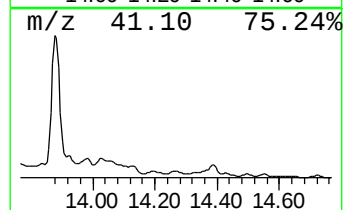
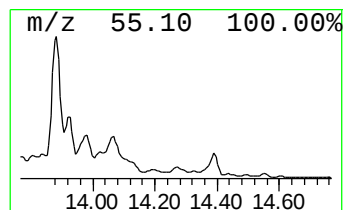
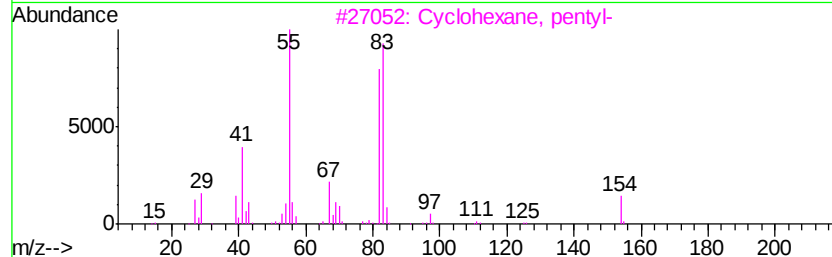
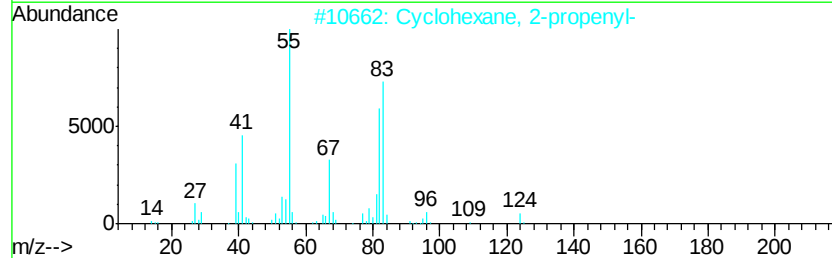
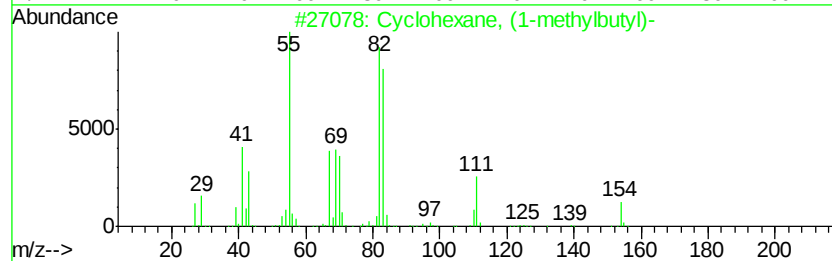
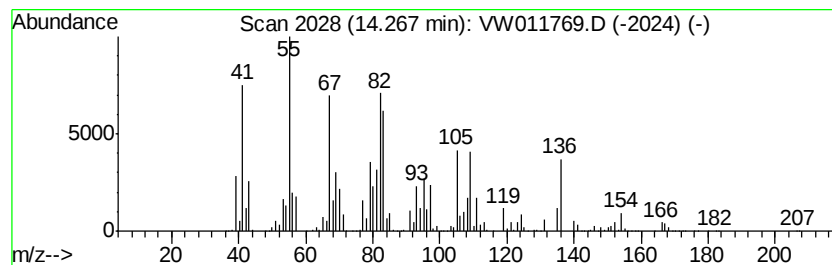
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Quant Title : VOC Analysis

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

Peak Number 64 (DEL) Alkane: Cyclic14.27 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	5.87 ug/L	4902020	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	42
2			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	30
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	30
4			Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	020348-74-7	30
5			Cyclohexanol, 2-methyl-3-(1-meth...	154	C10H18O	054244-81-4	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

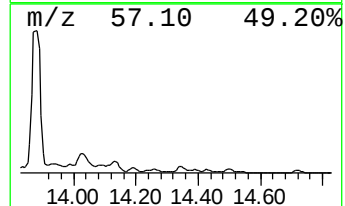
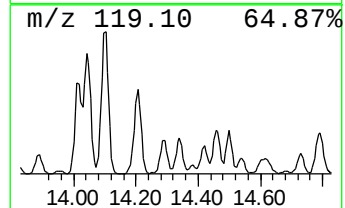
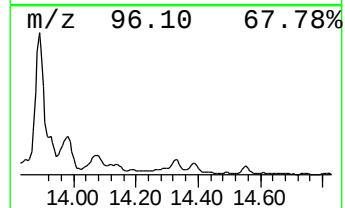
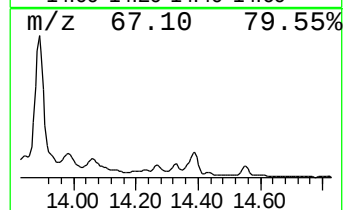
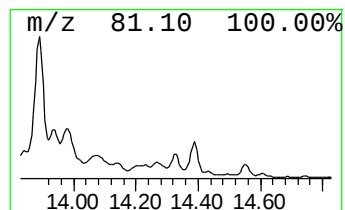
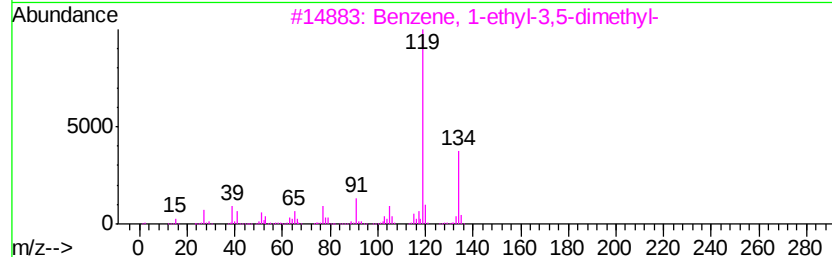
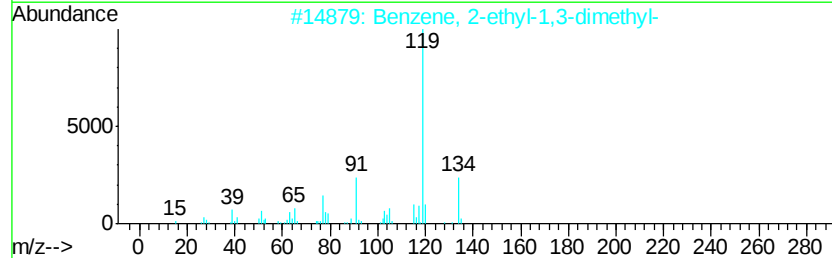
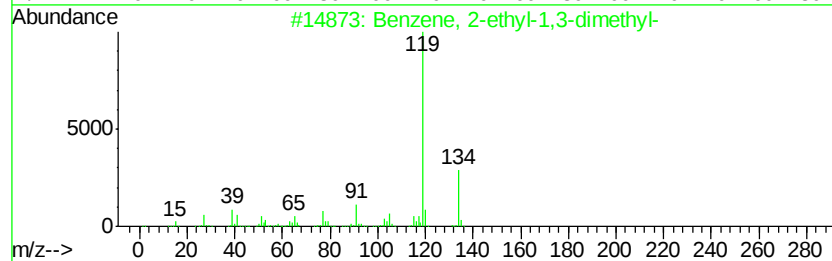
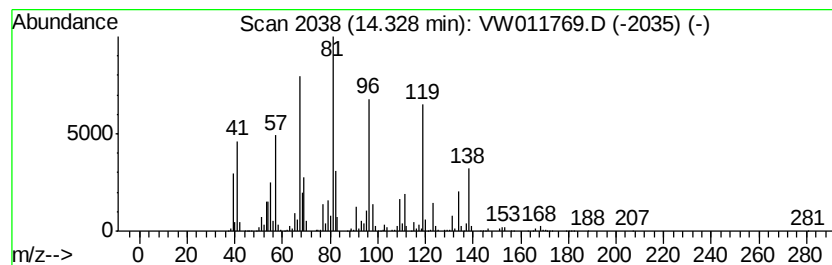
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Quant Title : VOC Analysis

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

Peak Number 65 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	4.75 ug/L	3964560	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	46
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	46
5		Benzene, tert-butyl-	134	C10H14	000098-06-6	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

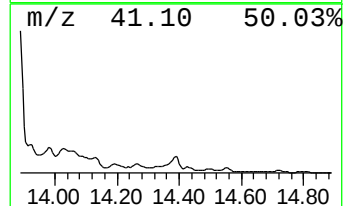
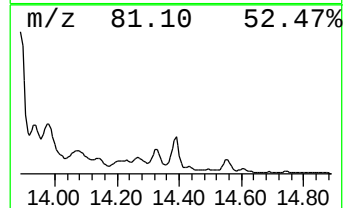
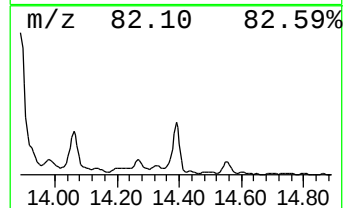
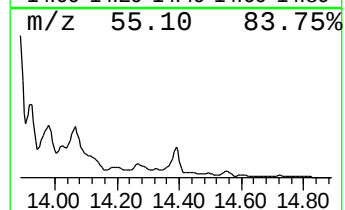
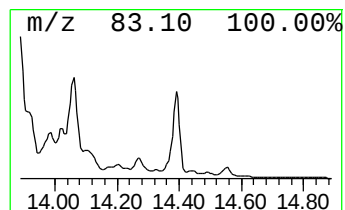
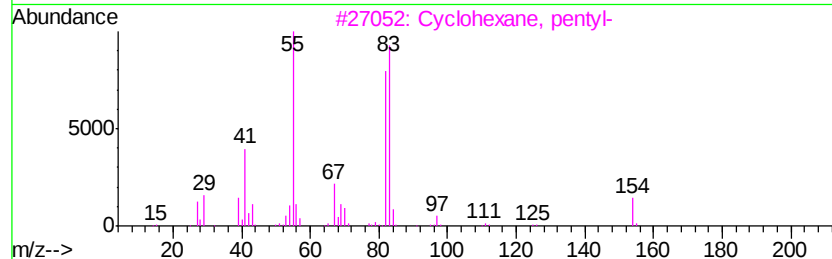
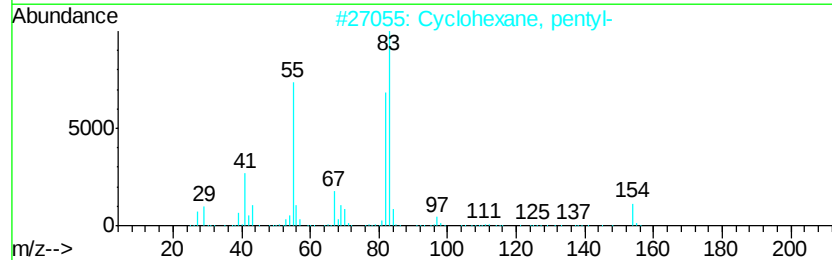
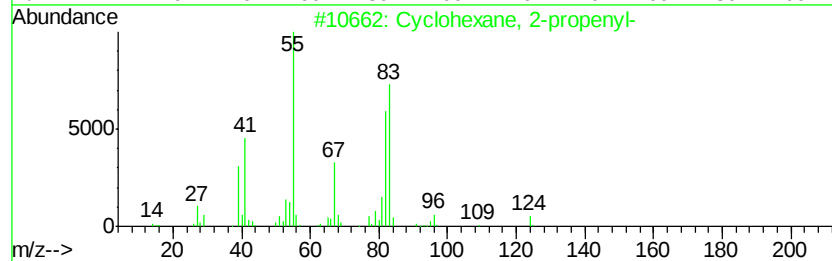
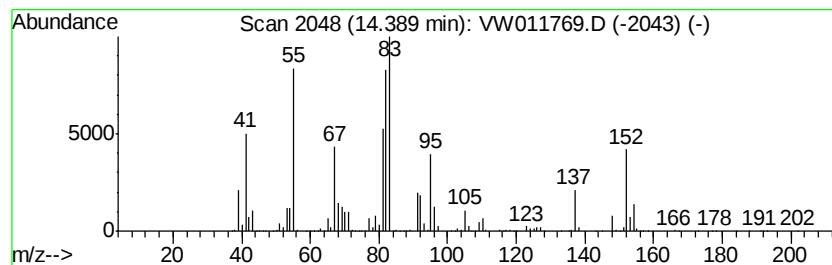
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Quant Title : VOC Analysis

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

Peak Number 66 Cyclohexane, 2-propenyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	13.58 ug/L	11347300	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	50
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
5		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

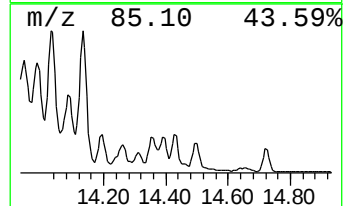
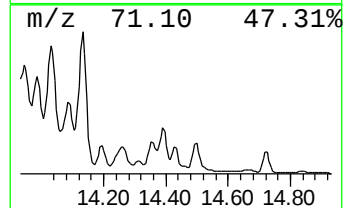
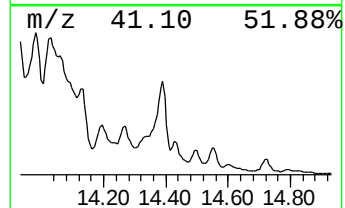
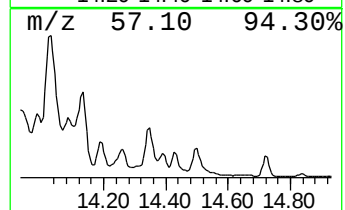
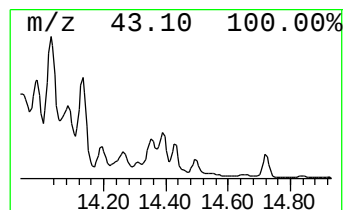
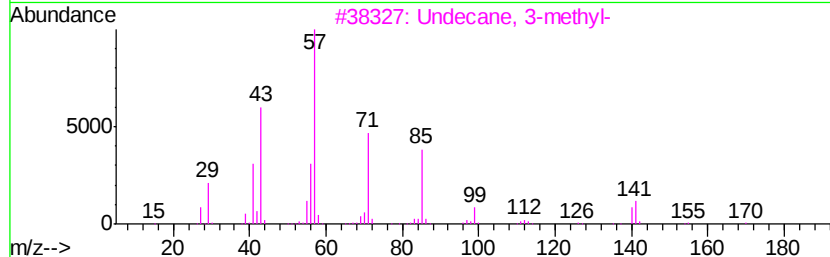
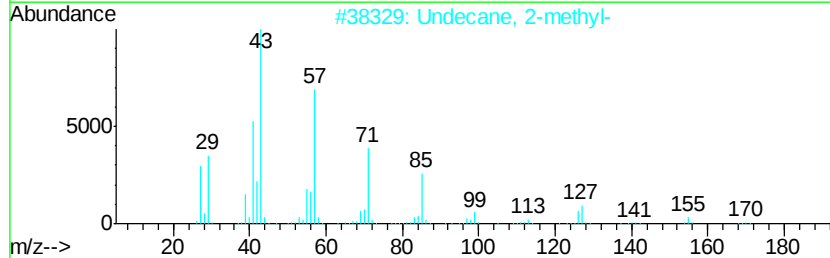
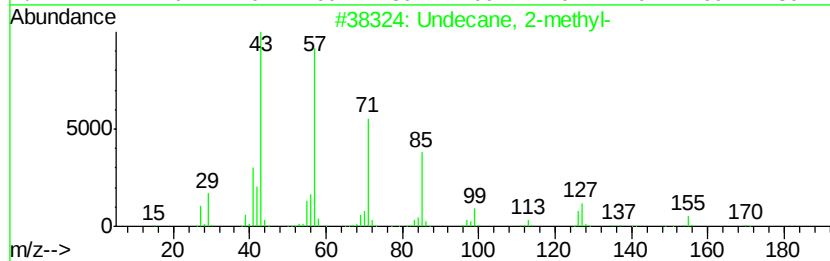
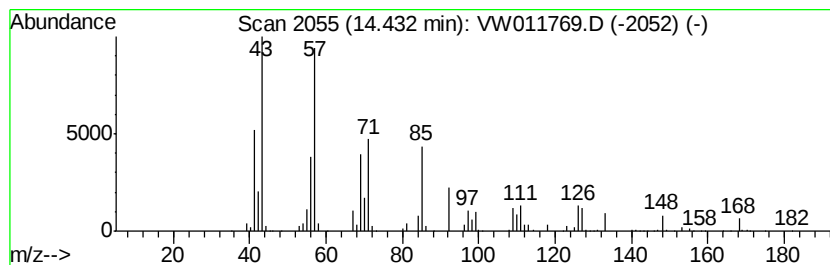
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Quant Title : VOC Analysis

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

Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	4.13 ug/L	3452720	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-			170	C12H26	007045-71-8	50
2	Undecane, 2-methyl-			170	C12H26	007045-71-8	47
3	Undecane, 3-methyl-			170	C12H26	001002-43-3	43
4	Decane, 2,4,6-trimethyl-			184	C13H28	062108-27-4	43
5	Undecane, 2-methyl-			170	C12H26	007045-71-8	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

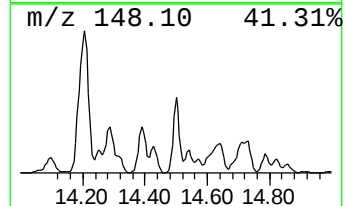
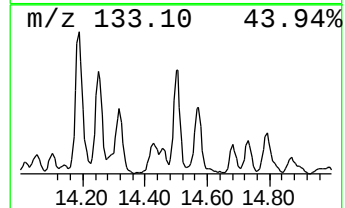
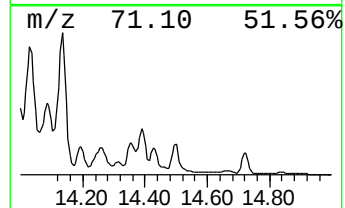
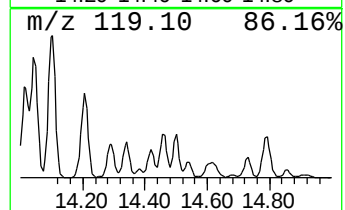
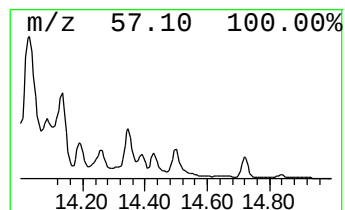
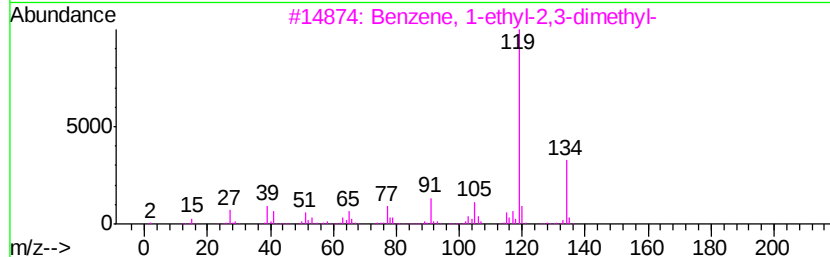
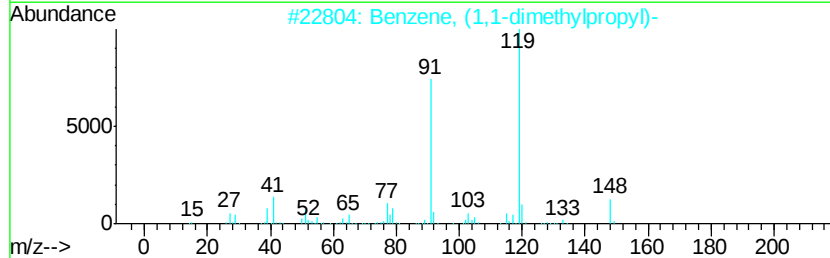
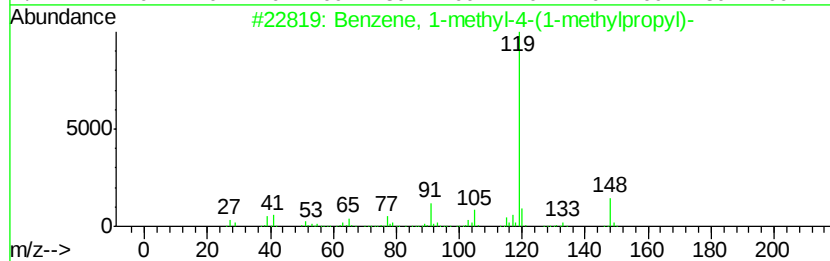
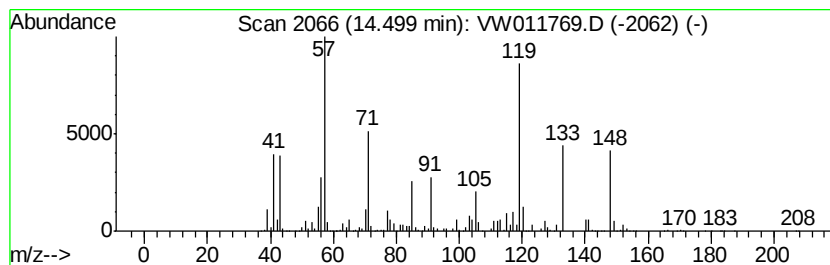
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Quant Title : VOC Analysis

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

Peak Number 68 unknown-04 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	2.37 ug/L	1983110	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	46
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	35
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	27
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	22
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

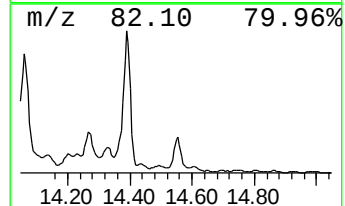
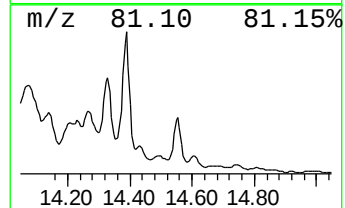
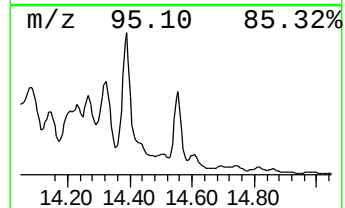
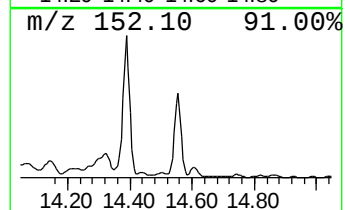
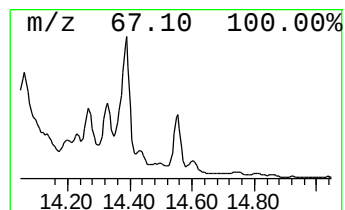
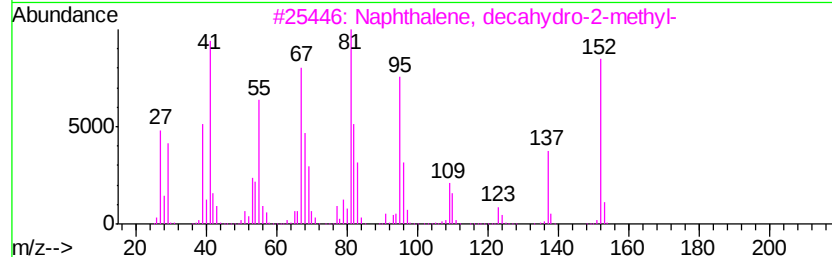
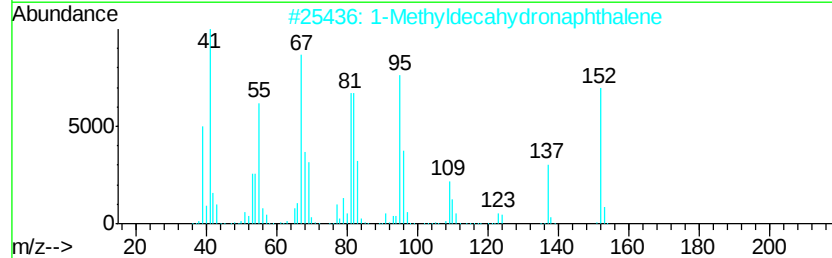
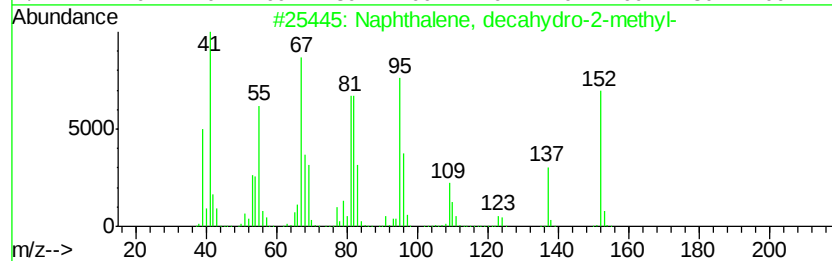
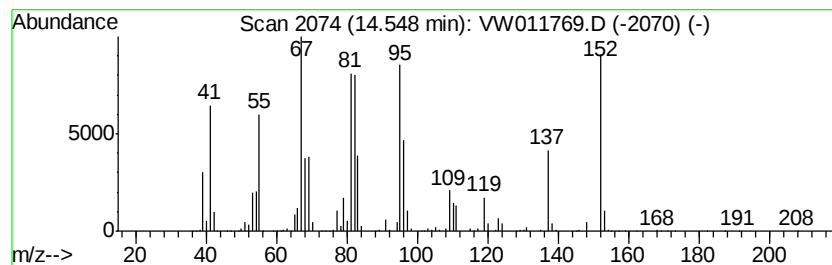
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Quant Title : VOC Analysis

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

Peak Number 69 Naphthalene, decahydro-2-me... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	3.70 ug/L	3090260	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
4			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	72
5			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011769.D
Acq On : 08 Aug 2019 12:31
Operator : SY/VA
Sample : K4215-08
Misc : 5.67G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB9

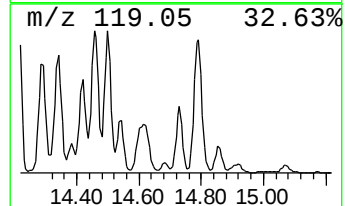
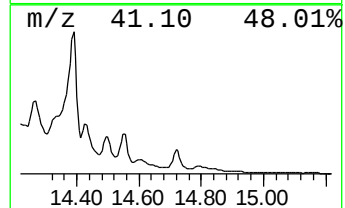
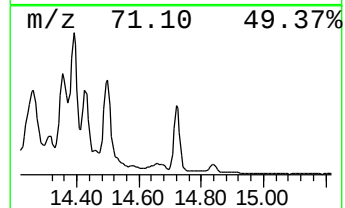
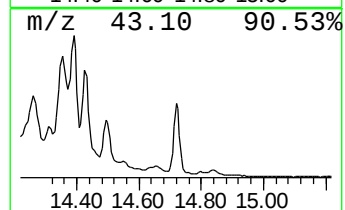
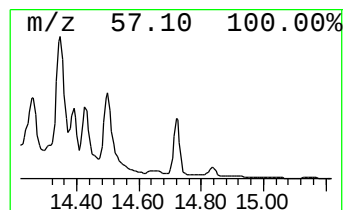
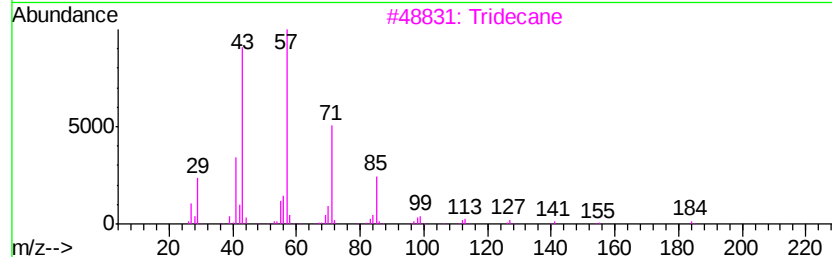
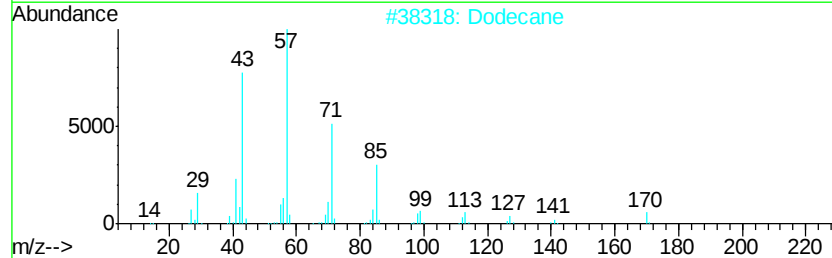
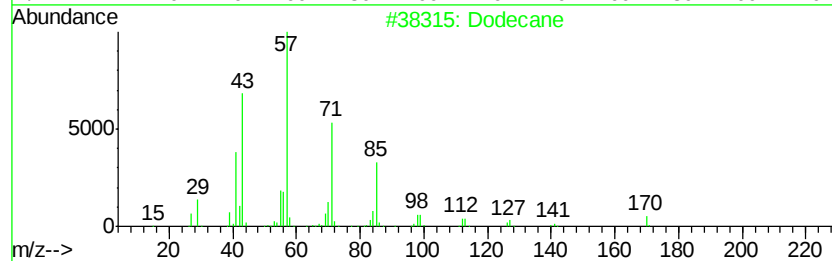
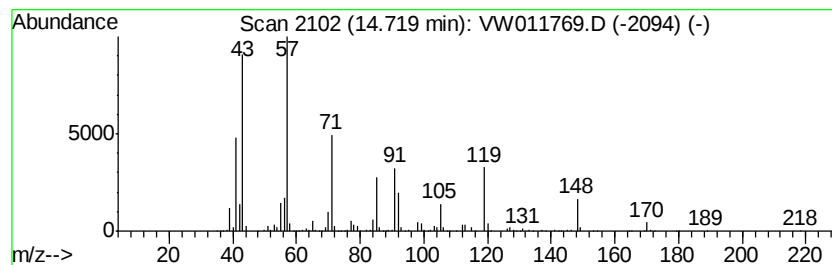
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Quant Title : VOC Analysis

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

Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	2.88 ug/L	2403850	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	91
2		Dodecane	170	C12H26	000112-40-3	70
3		Tridecane	184	C13H28	000629-50-5	46
4		Undecane	156	C11H24	001120-21-4	46
5		Undecane	156	C11H24	001120-21-4	46



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
 Data File : VW011769.D
 Acq On : 08 Aug 2019 12:31
 Operator : SY/VA
 Sample : K4215-08
 Misc : 5.67G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOB9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis

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

						--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc	
(DEL) Alkane: Cyc...	1.95	16.6	ug/L	906858	1	8.85	1363340	25.0	
(DEL) Alkane: Str...	2.17	8.8	ug/L	480877	1	8.85	1363340	25.0	
(DEL) Alkane: Cyc...	2.45	77.3	ug/L	4213340	1	8.85	1363340	25.0	
(DEL) Alkane: Cyc...	2.57	35.6	ug/L	1939380	1	8.85	1363340	25.0	
(DEL) Alkane: Str...	3.03	41.7	ug/L	2275850	1	8.85	1363340	25.0	
(DEL) Alkane: Str...	3.39	86.9	ug/L	4740210	1	8.85	1363340	25.0	
(DEL) Alkane: Cyc...	3.59	42.9	ug/L	2337180	1	8.85	1363340	25.0	
(DEL) Alkane: Cyc...	3.76	19.4	ug/L	1060880	1	8.85	1363340	25.0	
(DEL) Alkane: Cyc...	3.85	48.2	ug/L	2627260	1	8.85	1363340	25.0	
(DEL) Alkane: Cyc...	4.77	27.4	ug/L	1491260	1	8.85	1363340	25.0	
(DEL) Alkane: Cyc...	5.78	40.8	ug/L	2222060	1	8.85	1363340	25.0	
(DEL) Alkane: Str...	5.95	72.5	ug/L	3951170	1	8.85	1363340	25.0	
(DEL) Alkane: Cyc...	6.12	17.9	ug/L	978803	1	8.85	1363340	25.0	
(DEL) Alkane: Cyc...	6.23	21.5	ug/L	1174760	1	8.85	1363340	25.0	
(DEL) Alkane: Cyc...	6.43	12.2	ug/L	666292	1	8.85	1363340	25.0	
(DEL) Alkane: Cyc...	6.57	23.9	ug/L	1300440	1	8.85	1363340	25.0	
(DEL) Alkane: Cyc...	6.74	27.9	ug/L	1521060	1	8.85	1363340	25.0	
(DEL) Alkane: Cyc...	7.00	28.1	ug/L	1532760	1	8.85	1363340	25.0	
Cyclopentene, 1-m...	7.71	18.6	ug/L	1012870	1	8.85	1363340	25.0	
(DEL) Alkane: Cyc...	7.86	11.2	ug/L	612746	1	8.85	1363340	25.0	
(DEL) Alkane: Str...	8.04	42.6	ug/L	2325540	1	8.85	1363340	25.0	
(DEL) Alkane: Str...	8.16	60.0	ug/L	3272300	1	8.85	1363340	25.0	
(DEL) Alkane: Str...	8.44	8.5	ug/L	465239	1	8.85	1363340	25.0	
(DEL) Alkane: Cyc...	8.52	12.8	ug/L	696057	1	8.85	1363340	25.0	
(DEL) Alkane: Cyc...	8.59	33.8	ug/L	1843860	1	8.85	1363340	25.0	
(DEL) Alkane: Str...	8.70	84.2	ug/L	4594070	1	8.85	1363340	25.0	
Butane, 1-(etheny...	8.99	217.7	ug/L	11873800	1	8.85	1363340	25.0	
(DEL) Alkane: Cyc...	9.52	11.5	ug/L	628531	1	8.85	1363340	25.0	
(DEL) Alkane: Cyc...	9.62	21.0	ug/L	1145340	1	8.85	1363340	25.0	
Cyclobutanone, 3,...	9.76	100.7	ug/L	5492200	1	8.85	1363340	25.0	
(DEL) Alkane: Str...	9.91	42.8	ug/L	2335410	1	8.85	1363340	25.0	
(DEL) Alkane: Str...	9.97	319.5	ug/L	17424400	1	8.85	1363340	25.0	
(DEL) Alkane: Str...	10.10	301.8	ug/L	16455300	1	8.85	1363340	25.0	
(DEL) Alkane: Str...	10.52	18.0	ug/L	55732000	2	11.63	77343100	25.0	
(DEL) Alkane: Cyc...	10.68	4.3	ug/L	13282300	2	11.63	77343100	25.0	
(DEL) Alkane: Cyc...	10.77	3.0	ug/L	9362320	2	11.63	77343100	25.0	
(DEL) Alkane: Str...	11.05	4.5	ug/L	14055700	2	11.63	77343100	25.0	
(DEL) Alkane: Cyc...	11.12	2.8	ug/L	8557070	2	11.63	77343100	25.0	
(DEL) Alkane: Cyc...	11.19	14.6	ug/L	45123400	2	11.63	77343100	25.0	
(DEL) Alkane: Cyc...	11.24	16.5	ug/L	51089100	2	11.63	77343100	25.0	
(DEL) Alkane: Str...	11.35	8.6	ug/L	26722500	2	11.63	77343100	25.0	
(DEL) Alkane: Str...	11.44	34.0	ug/L	105225000	2	11.63	77343100	25.0	
(DEL) Alkane: Str...	11.54	25.0	ug/L	77343100	2	11.63	77343100	25.0	
(DEL) Alkane: Str...	12.02	3.4	ug/L	10436000	2	11.63	77343100	25.0	
(DEL) Alkane: Str...	12.10	11.4	ug/L	35233600	2	11.63	77343100	25.0	
unknown-01	12.29	42.6	ug/L	131960000	2	11.63	77343100	25.0	
(DEL) Alkane: Cyc...	12.40	105.3	ug/L	325885000	2	11.63	77343100	25.0	
Ketone, vinyl-pyr...	12.81	222.9	ug/L	186207000	3	13.55	20883800	25.0	
unknown-02	12.88	150.3	ug/L	125548000	3	13.55	20883800	25.0	

(DEL) Alkane: Cyc...	12.94	208.1	ug/L	173791000	3	13.55	20883800	25.0
(DEL) Alkane: Cyc...	13.02	98.5	ug/L	82324900	3	13.55	20883800	25.0
(DEL) Alkane: Cyc...	13.10	94.9	ug/L	79286600	3	13.55	20883800	25.0
(DEL) Alkane: Cyc...	13.15	45.0	ug/L	37584000	3	13.55	20883800	25.0
(DEL) Alkane: Str...	13.18	130.5	ug/L	109020000	3	13.55	20883800	25.0
Benzene, 1,2,4-tr...	13.27	38.0	ug/L	31746900	3	13.55	20883800	25.0
(DEL) Alkane: Str...	13.36	22.7	ug/L	18938500	3	13.55	20883800	25.0
(DEL) Alkane: Cyc...	13.40	8.3	ug/L	6909120	3	13.55	20883800	25.0
(DEL) Alkane: Cyc...	13.46	102.9	ug/L	85977400	3	13.55	20883800	25.0
(DEL) Alkane: Str...	13.63	34.7	ug/L	28978000	3	13.55	20883800	25.0
(DEL) Alkane: Cyc...	13.71	28.8	ug/L	24052500	3	13.55	20883800	25.0
unknown-03	13.76	7.3	ug/L	6082470	3	13.55	20883800	25.0
(DEL) Alkane: Cyc...	14.02	9.8	ug/L	8176920	3	13.55	20883800	25.0
o-Cymene	14.20	8.3	ug/L	6910730	3	13.55	20883800	25.0
(DEL) Alkane: Cyc...	14.27	5.9	ug/L	4902020	3	13.55	20883800	25.0
Benzene, 2-ethyl-...	14.33	4.8	ug/L	3964560	3	13.55	20883800	25.0
Cyclohexane, 2-pr...	14.39	13.6	ug/L	11347300	3	13.55	20883800	25.0
(DEL) Alkane: Str...	14.43	4.1	ug/L	3452720	3	13.55	20883800	25.0
unknown-04	14.50	2.4	ug/L	1983110	3	13.55	20883800	25.0
Naphthalene, deca...	14.55	3.7	ug/L	3090260	3	13.55	20883800	25.0
(DEL) Alkane: Str...	14.72	2.9	ug/L	2403850	3	13.55	20883800	25.0

Instrument :
MSVOA_W
ClientSampleId :
ETOB9