

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080118\
 Data File : VW004380.D
 Acq On : 01 Aug 2018 16:38
 Operator : SY/AP
 Sample : J4209-04
 Misc : 6.33G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AB9

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\SOM2WLM073118S.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	1.746	16	26	29	rBV	9197	20414	0.02%	0.006%
2	1.813	29	37	54	rVV	650547	1539808	1.26%	0.483%
3	1.953	56	60	65	rVB3	11484	18926	0.02%	0.006%
4	2.361	121	127	140	rVB2	35236	98933	0.08%	0.031%
5	2.892	206	214	230	rVV3	30707	92696	0.08%	0.029%
6	3.379	288	294	302	rVV3	6469	19015	0.02%	0.006%
7	4.013	386	398	410	rBV	77815	272719	0.22%	0.085%
8	4.135	410	418	436	rVB	34796	111095	0.09%	0.035%
9	4.910	535	545	547	rBV5	7879	19143	0.02%	0.006%
10	7.092	893	903	911	rBV2	27877	90259	0.07%	0.028%
11	7.653	983	995	1010	rBV	98359	268683	0.22%	0.084%
12	7.927	1031	1040	1051	rBV2	36475	97924	0.08%	0.031%
13	8.031	1051	1057	1068	rVB2	14300	36479	0.03%	0.011%
14	8.159	1068	1078	1085	rBV2	64504	147254	0.12%	0.046%
15	8.281	1085	1098	1111	rVB2	187611	603097	0.49%	0.189%
16	8.409	1111	1119	1130	rBV2	41966	124369	0.10%	0.039%
17	8.507	1130	1135	1141	rVV3	12755	27073	0.02%	0.008%
18	8.580	1141	1147	1156	rVB4	21200	50752	0.04%	0.016%
19	8.696	1158	1166	1179	rVB2	91894	182607	0.15%	0.057%
20	8.848	1182	1191	1210	rVB	179015	369645	0.30%	0.116%
21	9.086	1220	1230	1237	rBV6	22288	55267	0.05%	0.017%
22	9.281	1253	1262	1266	rBV	117191	245037	0.20%	0.077%
23	9.336	1266	1271	1277	rVV	117496	255709	0.21%	0.080%
24	9.384	1277	1279	1287	rVB2	14271	23463	0.02%	0.007%
25	9.756	1331	1340	1347	rVB7	7708	16882	0.01%	0.005%
26	9.958	1368	1373	1377	rVV	18100	34986	0.03%	0.011%
27	10.037	1381	1386	1392	rVV	43528	81768	0.07%	0.026%
28	10.098	1392	1396	1400	rVV3	15016	32026	0.03%	0.010%
29	10.128	1400	1401	1408	rVB3	12266	17781	0.01%	0.006%
30	10.208	1408	1414	1421	rBV3	15463	31134	0.03%	0.010%
31	10.329	1426	1434	1439	rBV	191301	343396	0.28%	0.108%
32	10.390	1439	1444	1456	rVB	269548	480708	0.39%	0.151%
33	10.506	1456	1463	1470	rVB3	20642	38325	0.03%	0.012%
34	10.579	1470	1475	1486	rVB	30530	55049	0.04%	0.017%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
 Title : VOC Analysis

35	10.768	1498	1506	1513	rVB9	8129	22917	0.02%	0.007%
36	10.860	1514	1521	1527	rVB4	29447	54238	0.04%	0.017%
37	10.933	1527	1533	1541	rBV2	73393	151763	0.12%	0.048%
38	11.024	1541	1548	1551	rBV4	11256	27368	0.02%	0.009%
39	11.104	1558	1561	1566	rVB4	11969	16552	0.01%	0.005%
40	11.183	1569	1574	1578	rVB	29083	44352	0.04%	0.014%
41	11.232	1578	1582	1586	rVB3	11141	17119	0.01%	0.005%
42	11.293	1586	1592	1597	rBV3	13799	26359	0.02%	0.008%
43	11.341	1597	1600	1604	rVB	13154	16464	0.01%	0.005%
44	11.415	1604	1612	1623	rVB4	35413	110723	0.09%	0.035%
45	11.518	1623	1629	1639	rBV	47755	96821	0.08%	0.030%
46	11.658	1639	1652	1658	rBV2	320115	762125	0.62%	0.239%
47	11.738	1658	1665	1674	rVB	1858824	2984248	2.44%	0.935%
48	11.841	1674	1682	1693	rBV	6266790	11961661	9.78%	3.749%
49	12.012	1700	1710	1714	rBV3	19303	55089	0.05%	0.017%
50	12.067	1714	1719	1724	rVB3	36454	66888	0.05%	0.021%
51	12.171	1724	1736	1743	rBV	7612157	12298518	10.05%	3.854%
52	12.256	1743	1750	1755	rVB	110287	219099	0.18%	0.069%
53	12.335	1755	1763	1765	rBV4	76826	173456	0.14%	0.054%
54	12.372	1765	1769	1776	rVB3	102841	201439	0.16%	0.063%
55	12.482	1780	1787	1789	rBV3	84233	185444	0.15%	0.058%
56	12.549	1795	1798	1800	rVB	42057	38689	0.03%	0.012%
57	12.573	1800	1802	1807	rVB	128276	158771	0.13%	0.050%
58	12.628	1807	1811	1813	rBV4	40334	56930	0.05%	0.018%
59	12.658	1813	1816	1819	rVB	114414	128371	0.10%	0.040%
60	12.707	1819	1824	1829	rVB4	72742	118422	0.10%	0.037%
61	12.756	1829	1832	1833	rBV2	39735	44822	0.04%	0.014%
62	12.786	1834	1837	1844	rVB5	134984	261825	0.21%	0.082%
63	12.902	1844	1856	1858	rBV4	267233	660915	0.54%	0.207%
64	12.939	1858	1862	1868	rVB3	755494	1218129	1.00%	0.382%
65	13.000	1868	1872	1878	rVB4	177843	313990	0.26%	0.098%
66	13.091	1882	1887	1890	rBV2	219419	388055	0.32%	0.122%
67	13.140	1891	1895	1898	rBV2	149834	219260	0.18%	0.069%
68	13.177	1898	1901	1907	rVB	282382	362243	0.30%	0.114%
69	13.237	1908	1911	1918	rVB3	165118	316260	0.26%	0.099%
70	13.305	1918	1922	1926	rBV	265250	390036	0.32%	0.122%
71	13.353	1926	1930	1934	rBV	116173	175123	0.14%	0.055%

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 ClientSampleId :
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Integration Parameters: LSCINT.P

Integrator: RTE
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 Sampling : 1
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72	13.426	1938	1942	1944	rBV	123599	197075	0.16%	0.062%
73	13.457	1944	1947	1949	rBV3	179651	218578	0.18%	0.068%
74	13.512	1949	1956	1962	rBV	37611411	64419531	52.66%	20.188%
75	13.591	1962	1969	1975	rBV	35998858	59042462	48.26%	18.503%
76	13.689	1981	1985	1988	rBV	183436	266105	0.22%	0.083%
77	13.731	1988	1992	1995	rVV3	177917	233870	0.19%	0.073%
78	13.804	2000	2004	2009	rBV2	274652	468126	0.38%	0.147%
79	13.884	2009	2017	2028	rBV2	62572686	122331466	100.00%	38.337%
80	13.993	2032	2035	2038	rBV4	95297	136162	0.11%	0.043%
81	14.048	2038	2044	2049	rVV6	163383	349287	0.29%	0.109%
82	14.103	2049	2053	2057	rVB2	216848	306166	0.25%	0.096%
83	14.207	2065	2070	2075	rBV4	282250	444363	0.36%	0.139%
84	14.268	2075	2080	2087	rBV5	293566	595499	0.49%	0.187%
85	14.353	2087	2094	2096	rBV6	150010	381363	0.31%	0.120%
86	14.396	2097	2101	2105	rBV2	553954	981645	0.80%	0.308%
87	14.512	2116	2120	2122	rBV3	293528	453251	0.37%	0.142%
88	14.603	2130	2135	2138	rBV3	283335	502904	0.41%	0.158%
89	14.640	2138	2141	2149	rVB2	511305	816185	0.67%	0.256%
90	14.737	2153	2157	2163	rVB2	390002	673783	0.55%	0.211%
91	14.804	2164	2168	2173	rBV2	285618	641643	0.52%	0.201%
92	14.877	2173	2180	2183	rBV3	856326	1858616	1.52%	0.582%
93	14.908	2183	2185	2191	rVB	733877	1044786	0.85%	0.327%
94	14.981	2192	2197	2200	rBV2	368651	703749	0.58%	0.221%
95	15.018	2200	2203	2204	rBV2	231738	255150	0.21%	0.080%
96	15.146	2217	2224	2235	rBV	8512294	14961570	12.23%	4.689%
97	15.347	2252	2257	2258	rBV3	323559	492866	0.40%	0.154%
98	15.566	2288	2293	2301	rVB	2586490	4834856	3.95%	1.515%
99	16.645	2466	2470	2485	rVB5	348284	1009389	0.83%	0.316%
100	16.773	2487	2491	2493	rBV3	137875	230040	0.19%	0.072%

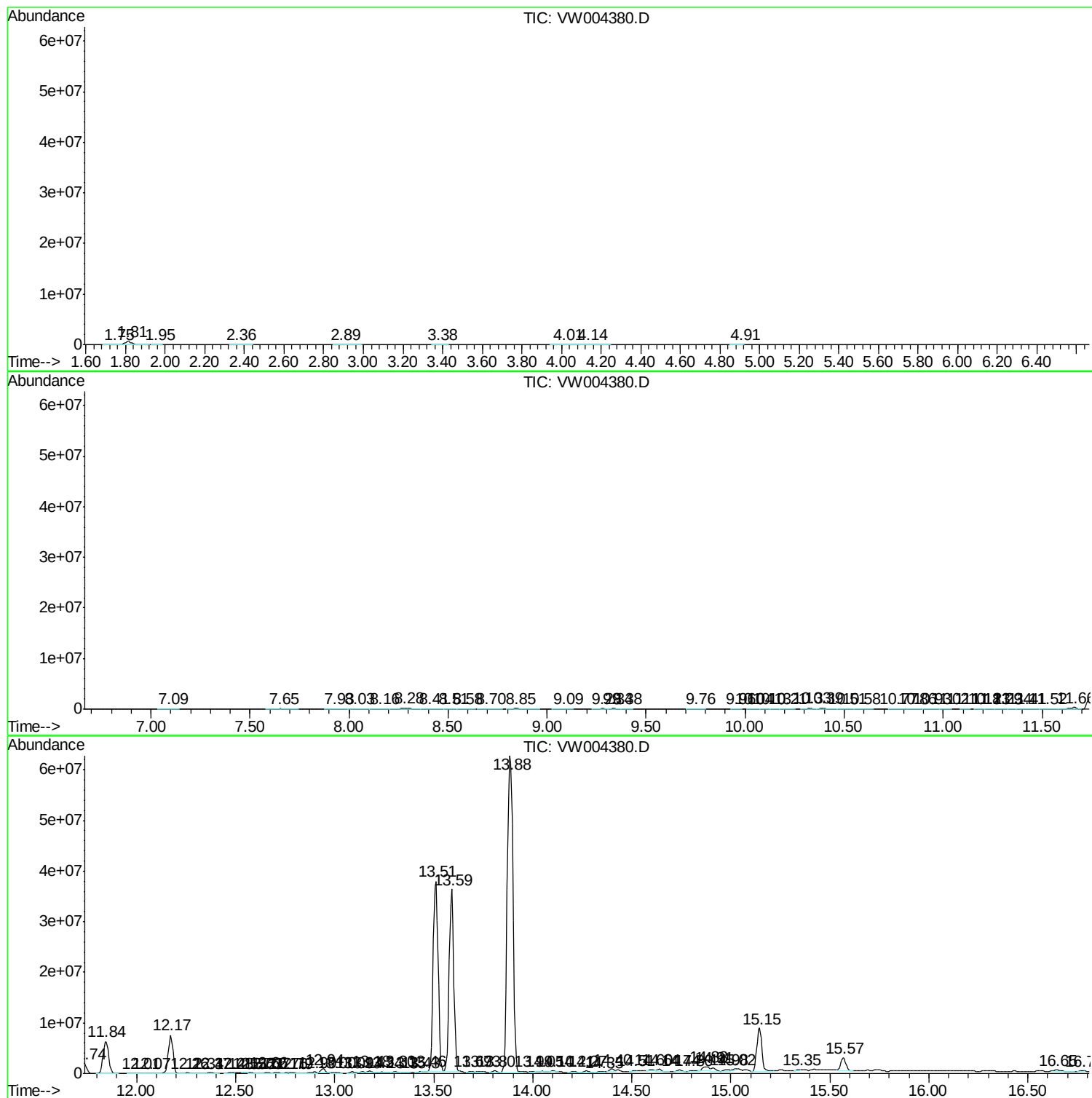
Sum of corrected areas: 319097392

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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
Quant Title : VOC Analysis

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



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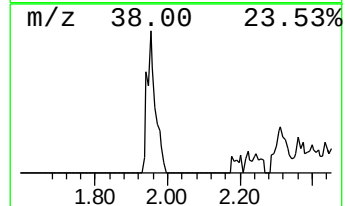
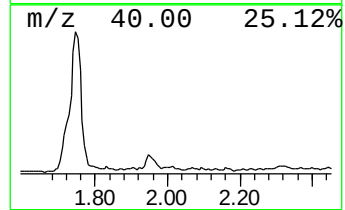
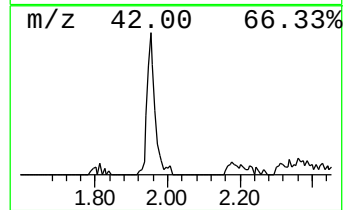
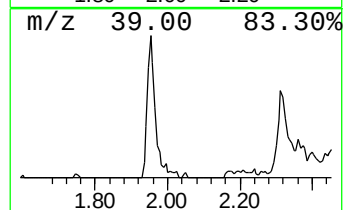
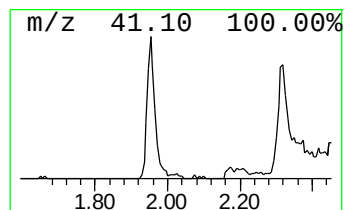
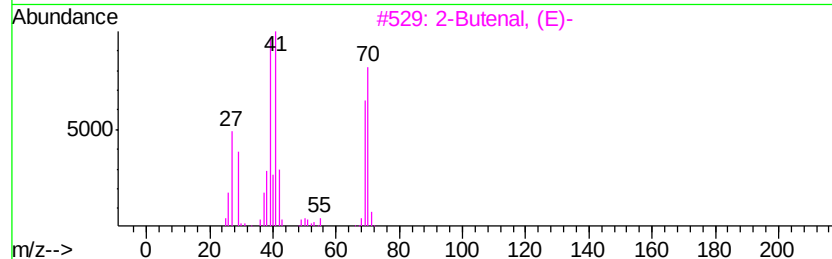
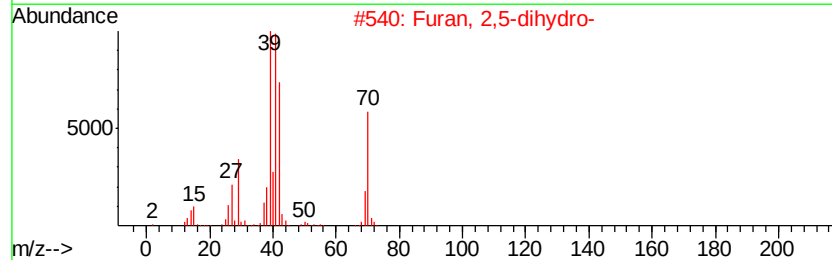
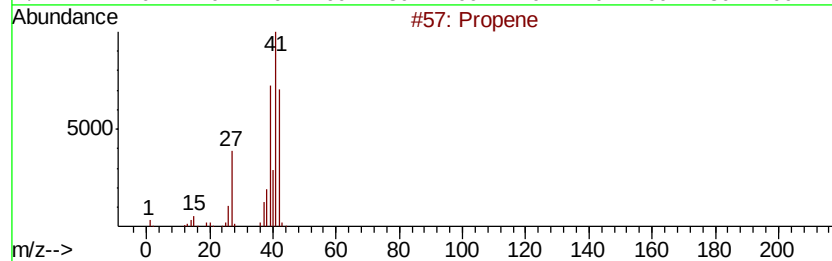
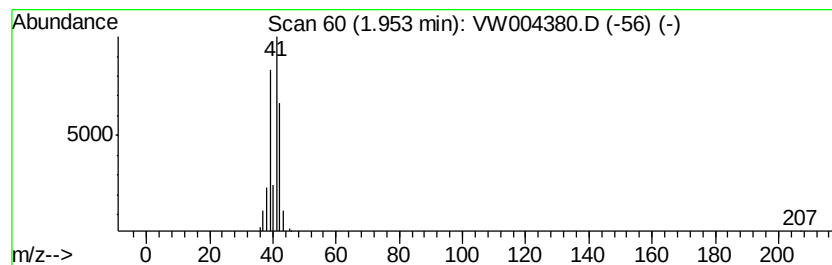
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Cyclic1.95 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.95	1.28 ug/L	18926	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propene	42	C3H6	000115-07-1	90
2		Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	83
3		2-Butenal, (E)-	70	C4H6O	000123-73-9	83
4		3-Butenoic acid	86	C4H6O2	000625-38-7	83
5		Bis(3-methylbutyl) fluorene-2,7-...	466	C23H30O6S2	253664-95-8	83



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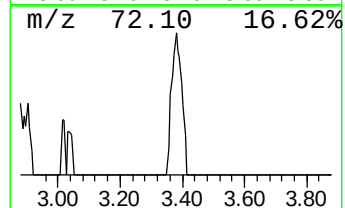
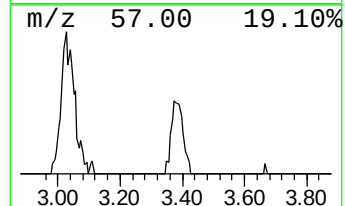
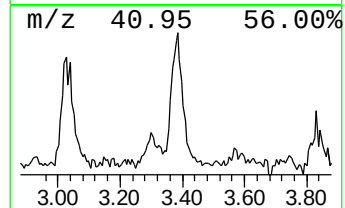
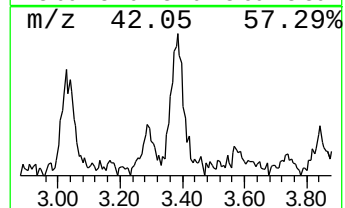
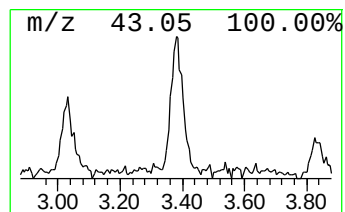
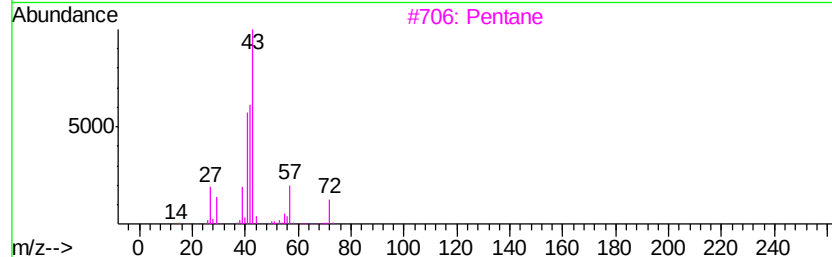
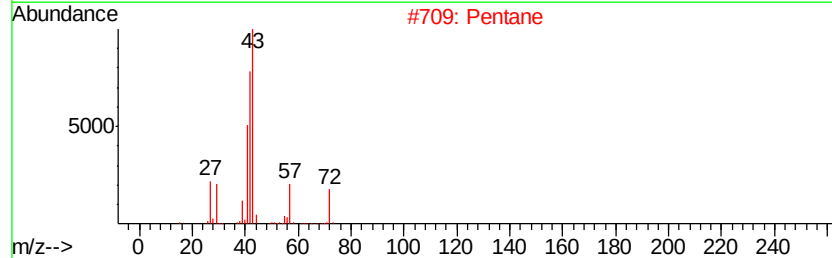
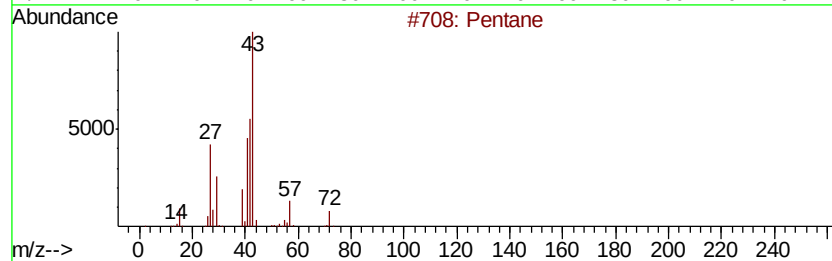
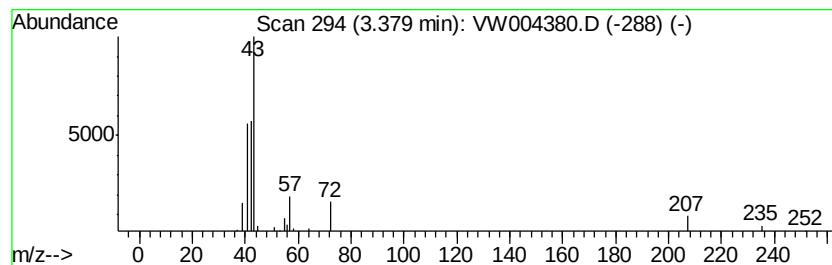
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.38	1.29 ug/L	19015	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	72
2		Pentane	72	C5H12	000109-66-0	64
3		Pentane	72	C5H12	000109-66-0	64
4		Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	43
5		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	36



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Instrument :
MSVOA_W
ClientSampled :
C0AB9

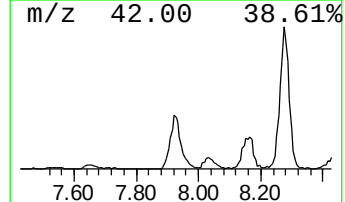
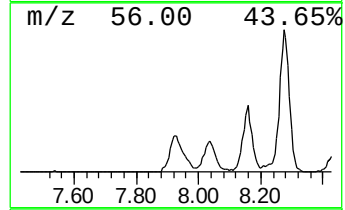
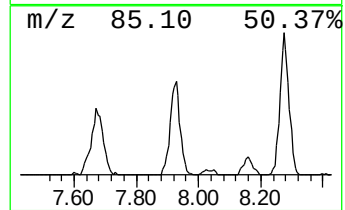
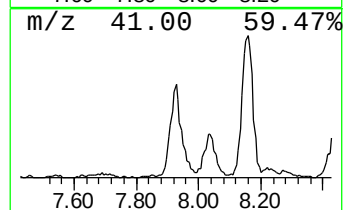
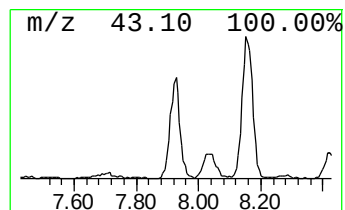
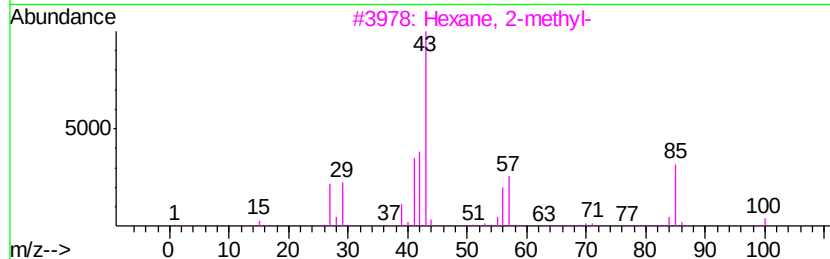
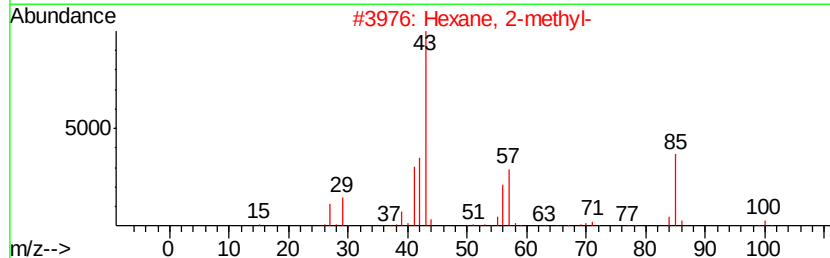
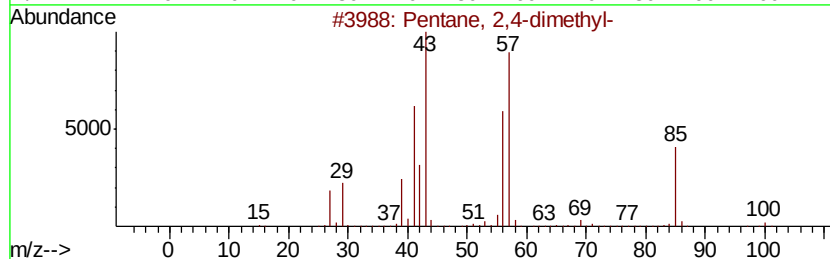
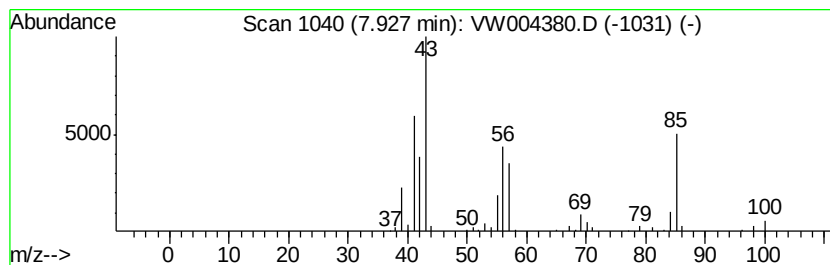
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	6.62 ug/L	97924	1,4-Difluorobenzene	8.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	86
2		Hexane, 2-methyl-	100	C7H16	000591-76-4	72
3		Hexane, 2-methyl-	100	C7H16	000591-76-4	64
4		Hexane, 2-methyl-	100	C7H16	000591-76-4	53
5		Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080118\
Data File : VW004380.D
Acq On : 01 Aug 2018 16:38
Operator : SY/AP
Sample : J4209-04
Misc : 6.33G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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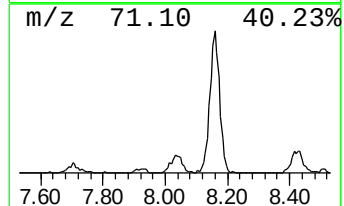
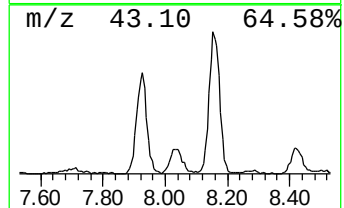
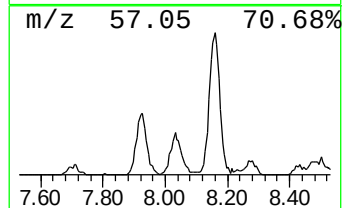
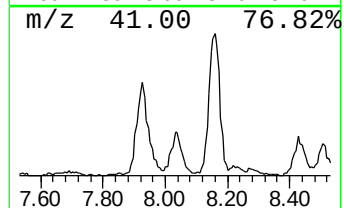
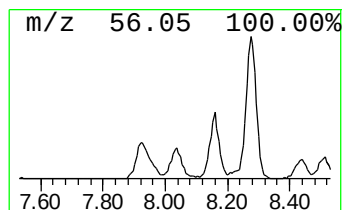
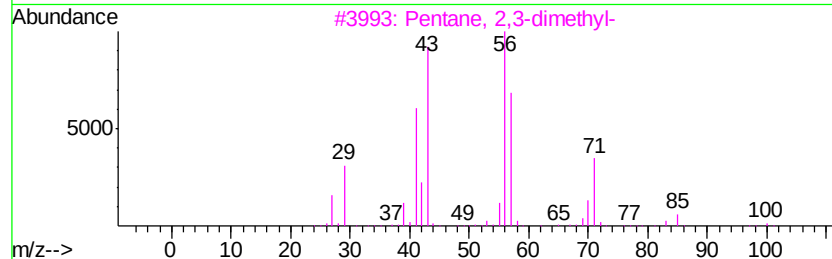
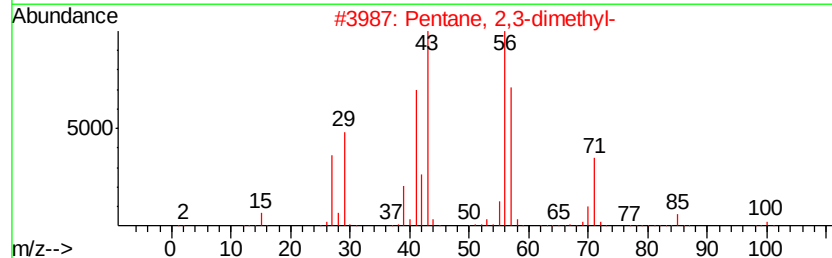
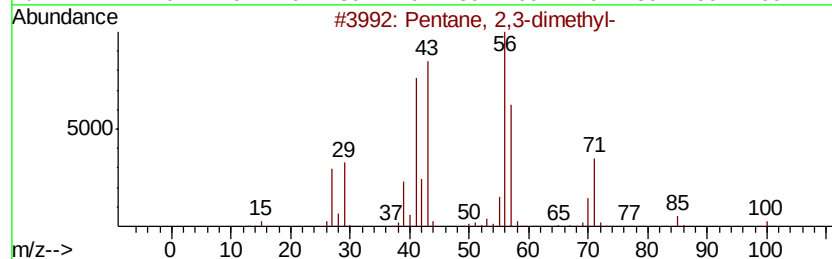
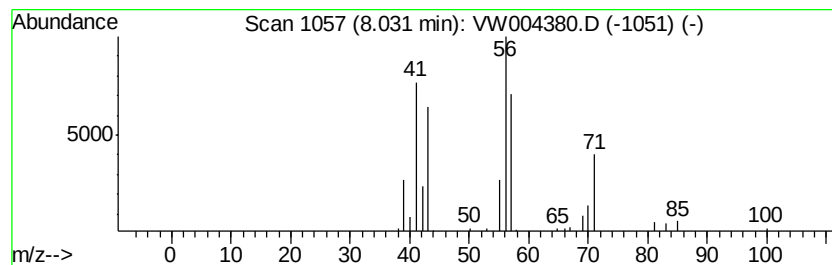
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	2.47 ug/L	36479	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	50
3		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	49
4		1-Hexene, 4-methyl-	98	C7H14	003769-23-1	40
5		Nonane, 5-methylene-	140	C10H20	006795-79-5	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080118\
Data File : VW004380.D
Acq On : 01 Aug 2018 16:38
Operator : SY/AP
Sample : J4209-04
Misc : 6.33G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
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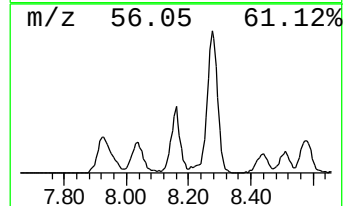
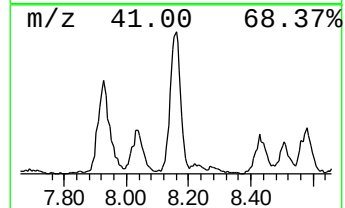
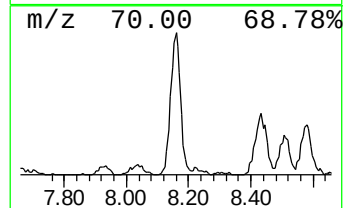
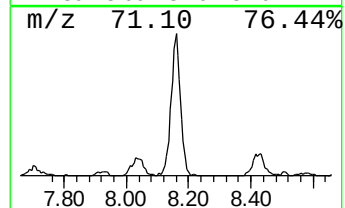
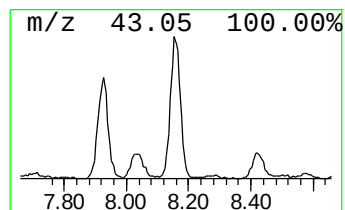
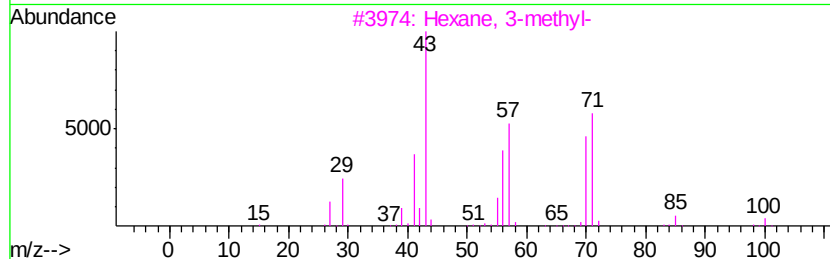
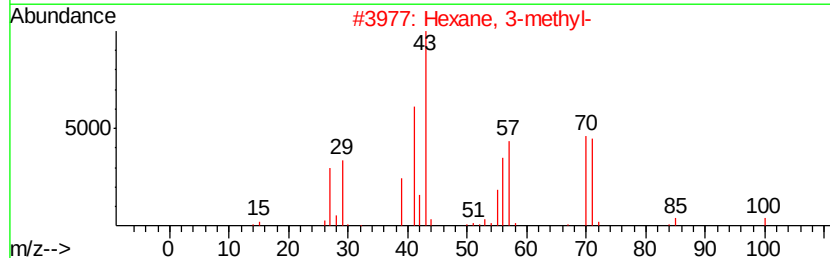
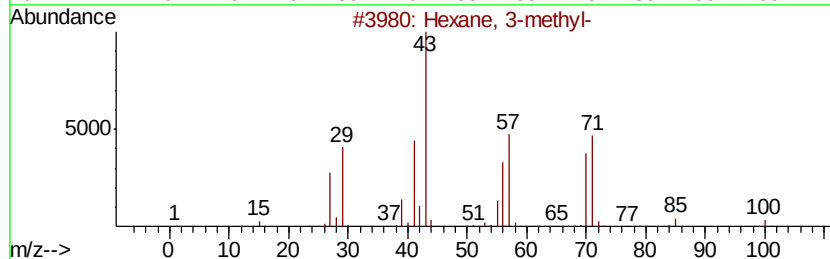
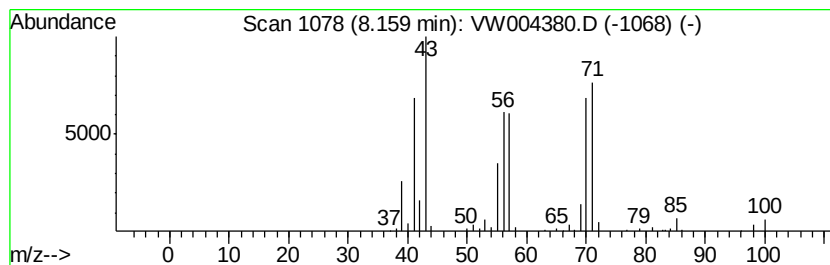
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	9.96 ug/L	147254	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
2		Hexane, 3-methyl-	100	C7H16	000589-34-4	83
3		Hexane, 3-methyl-	100	C7H16	000589-34-4	80
4		Heptane, 4-methyl-	114	C8H18	000589-53-7	59
5		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080118\
Data File : VW004380.D
Acq On : 01 Aug 2018 16:38
Operator : SY/AP
Sample : J4209-04
Misc : 6.33G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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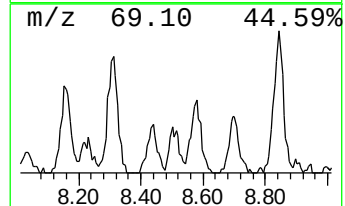
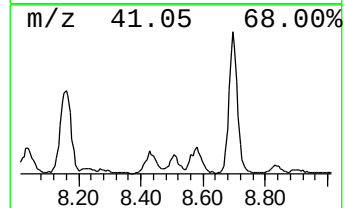
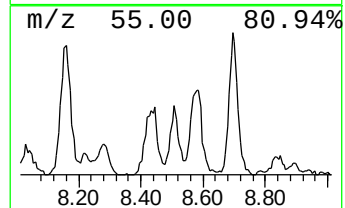
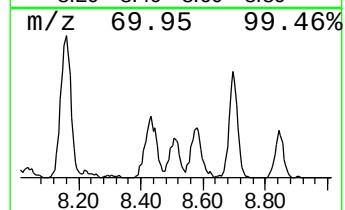
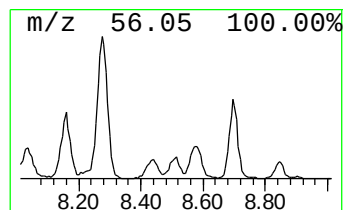
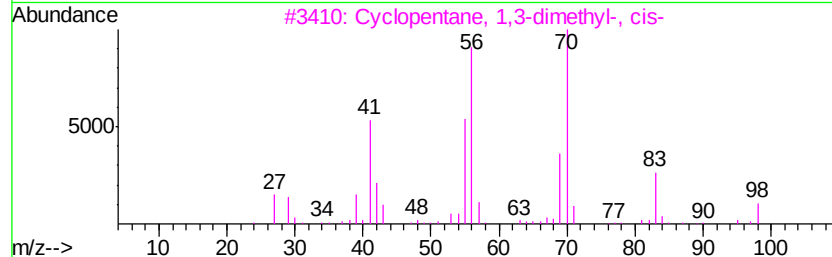
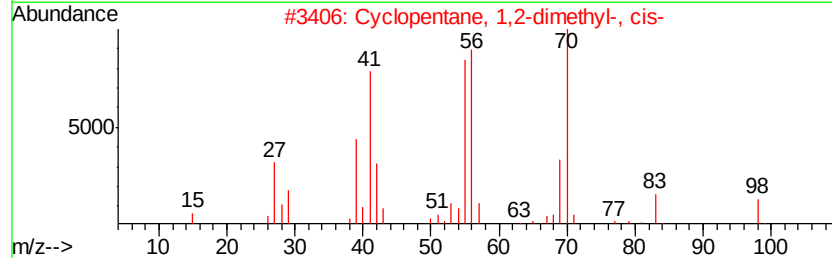
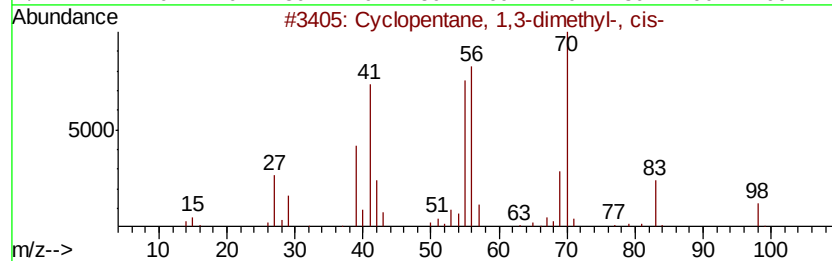
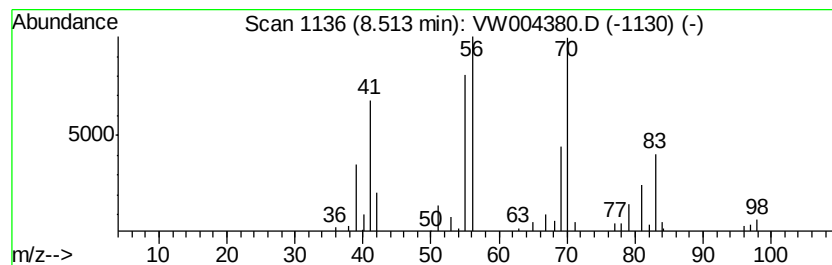
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Cyclic8.51 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	1.83 ug/L	27073	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	86
2		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	83
3		Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	64
4		Furan, 3-butyltetrahydro-2-methy...	142	C9H18O	036712-20-6	64
5		Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	62



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080118\
Data File : VW004380.D
Acq On : 01 Aug 2018 16:38
Operator : SY/AP
Sample : J4209-04
Misc : 6.33G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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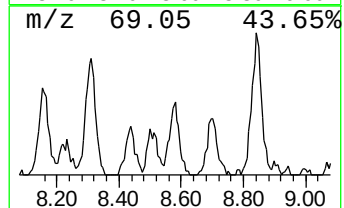
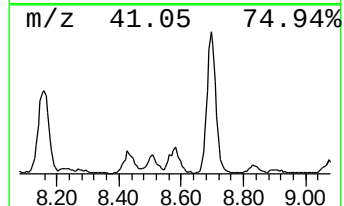
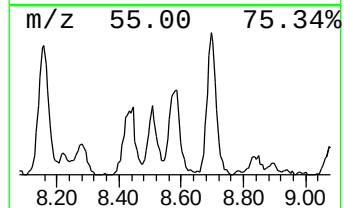
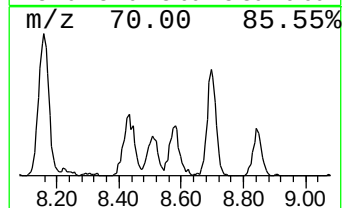
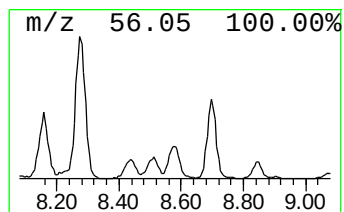
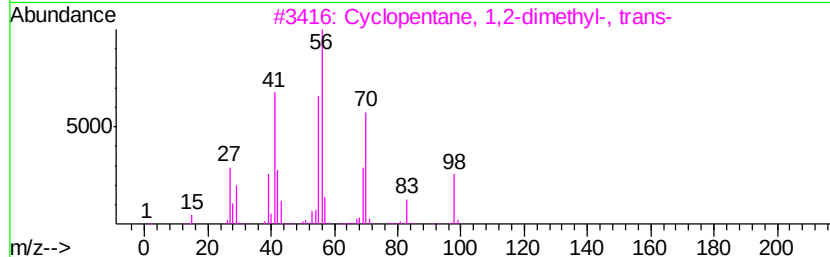
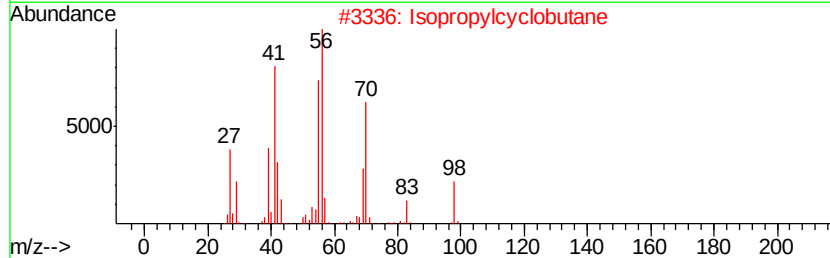
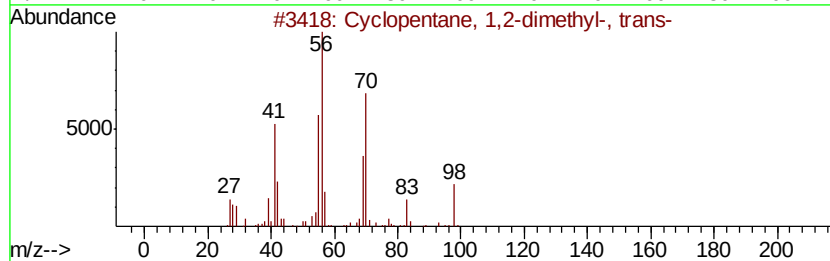
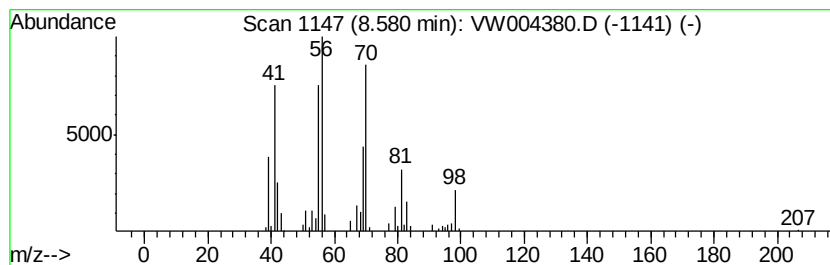
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Cyclic8.58 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	3.43 ug/L	50752	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	81
2		Isopropylcyclobutane	98	C7H14	000872-56-0	81
3		Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	81
4		1-Heptene	98	C7H14	000592-76-7	80
5		Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	74



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080118\
Data File : VW004380.D
Acq On : 01 Aug 2018 16:38
Operator : SY/AP
Sample : J4209-04
Misc : 6.33G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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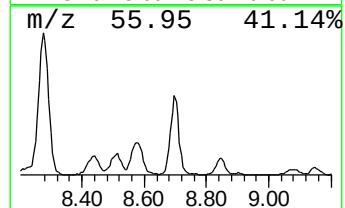
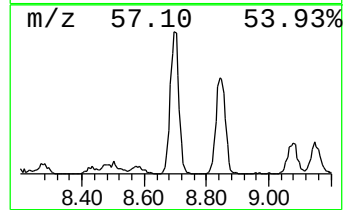
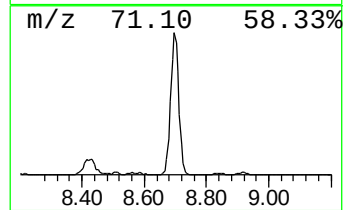
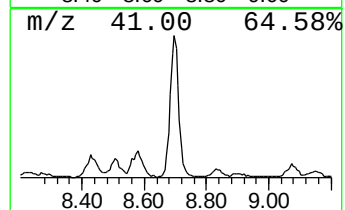
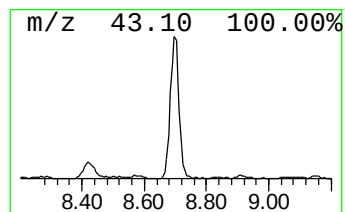
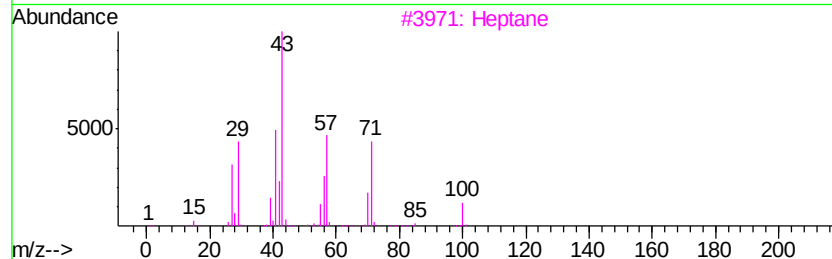
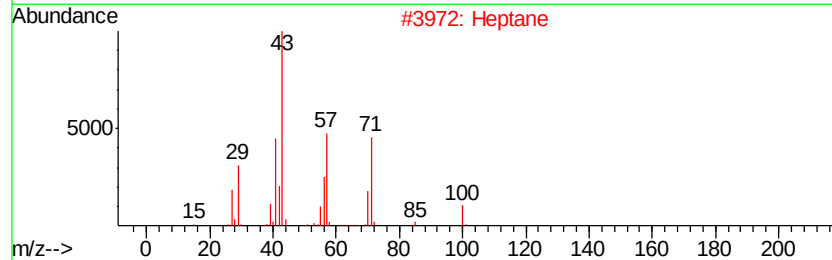
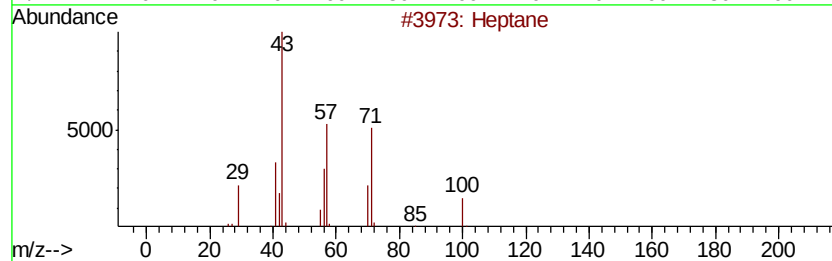
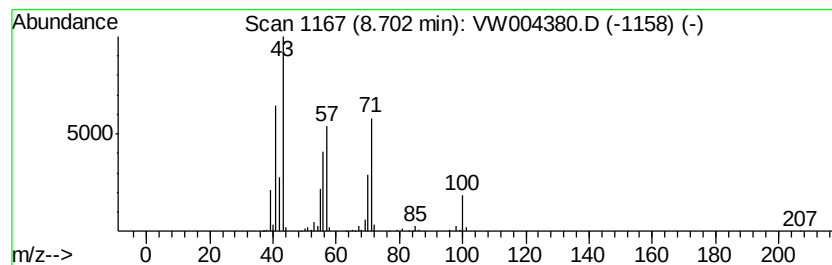
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	12.35 ug/L	182607	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	86
2		Heptane	100	C7H16	000142-82-5	72
3		Heptane	100	C7H16	000142-82-5	72
4		Heptane	100	C7H16	000142-82-5	72
5		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	43



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080118\
Data File : VW004380.D
Acq On : 01 Aug 2018 16:38
Operator : SY/AP
Sample : J4209-04
Misc : 6.33G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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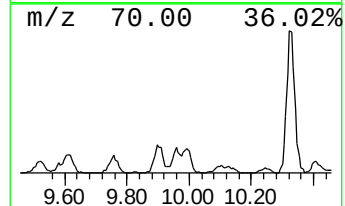
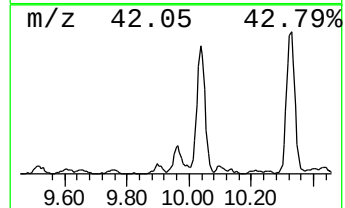
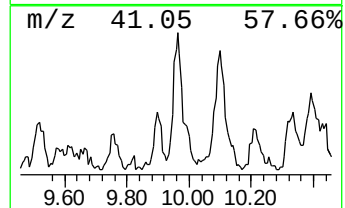
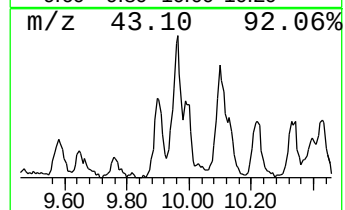
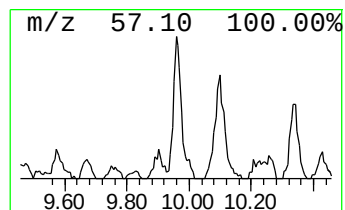
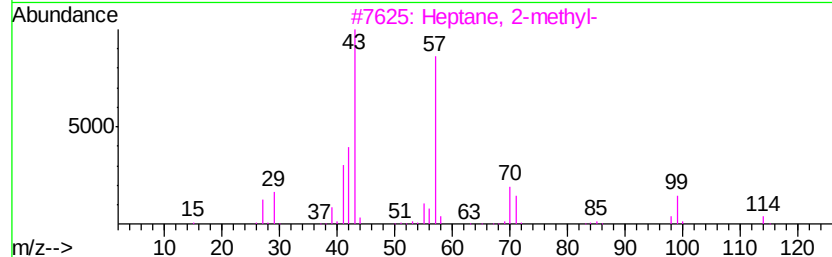
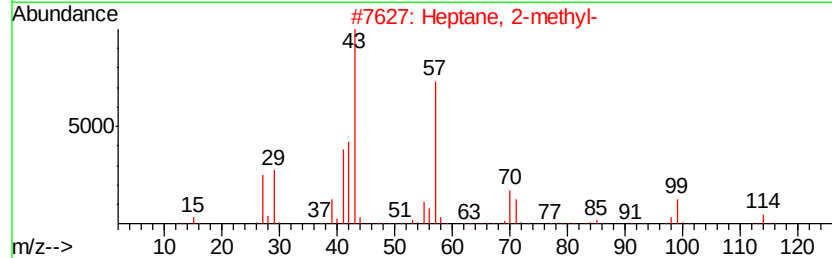
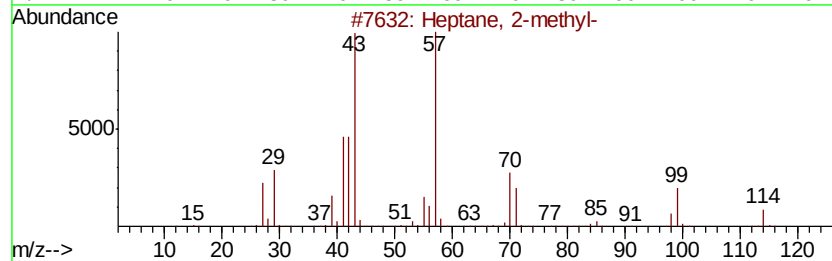
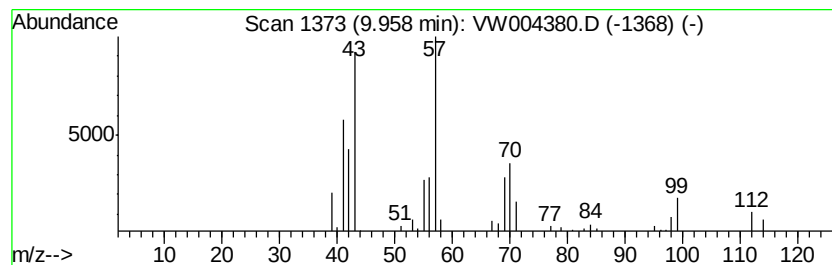
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	2.37 ug/L	34986	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2-methyl-	114	C8H18	000592-27-8	68
2		Heptane, 2-methyl-	114	C8H18	000592-27-8	64
3		Heptane, 2-methyl-	114	C8H18	000592-27-8	52
4		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	50
5		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080118\
Data File : VW004380.D
Acq On : 01 Aug 2018 16:38
Operator : SY/AP
Sample : J4209-04
Misc : 6.33G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

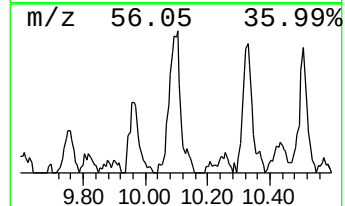
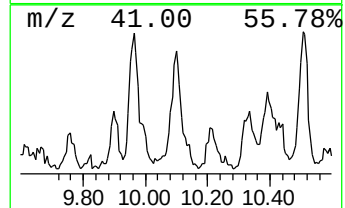
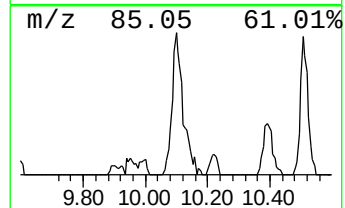
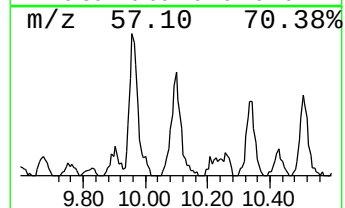
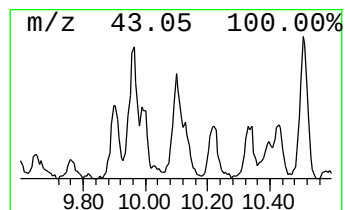
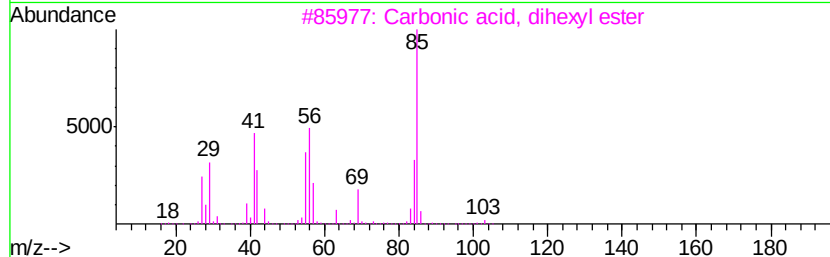
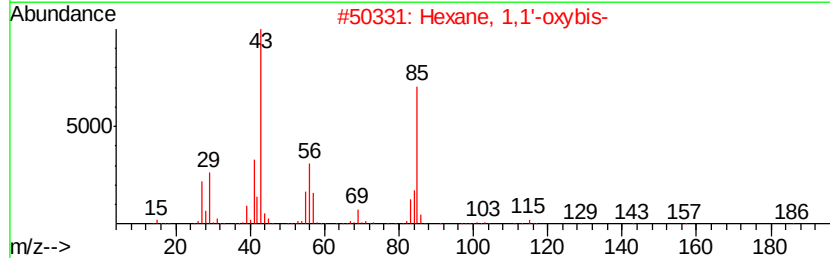
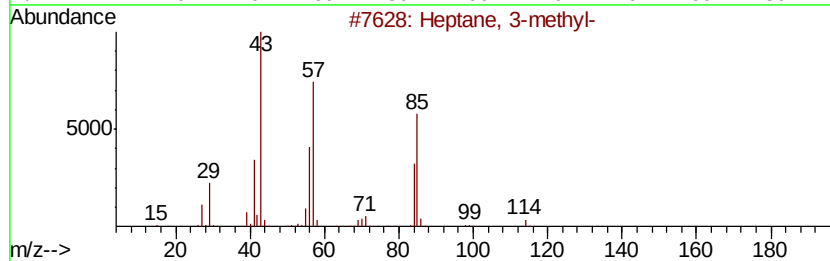
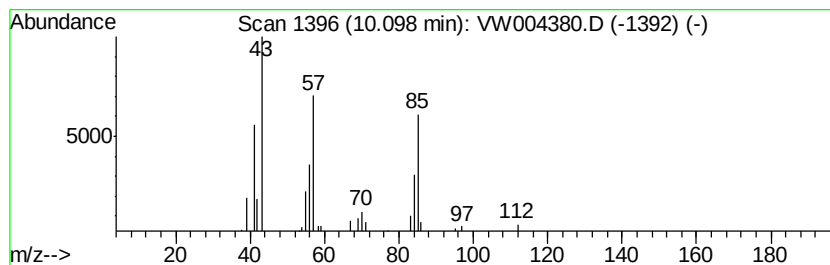
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.10	2.17 ug/L	32026	1,4-Difluorobenzene	8.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	53
2	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	53
3	Carbonic acid, dihexyl ester	230	C13H26O3	007523-15-1	53
4	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	53
5	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080118\
Data File : VW004380.D
Acq On : 01 Aug 2018 16:38
Operator : SY/AP
Sample : J4209-04
Misc : 6.33G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampled :
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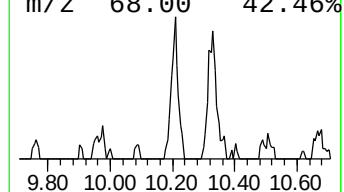
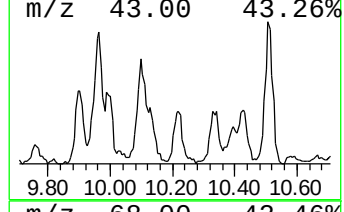
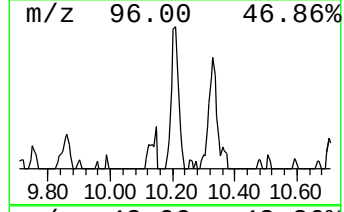
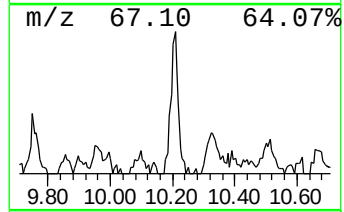
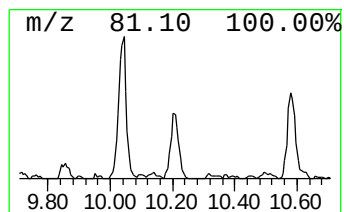
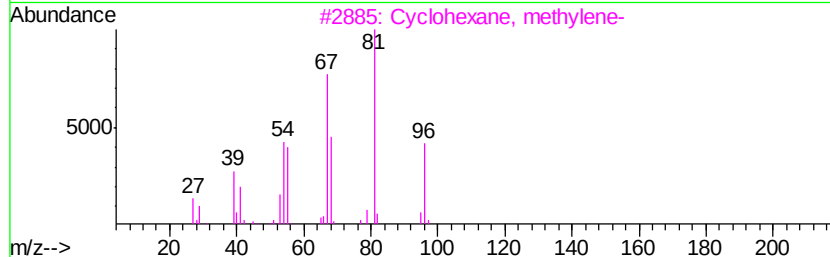
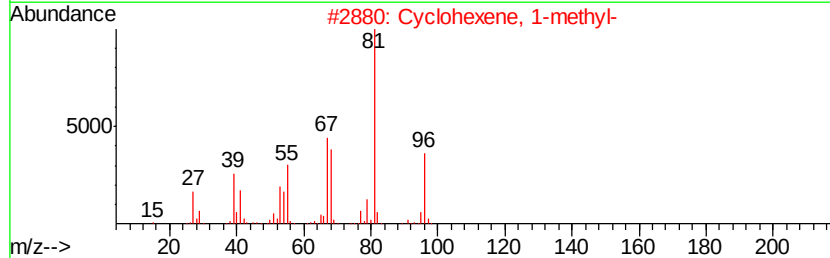
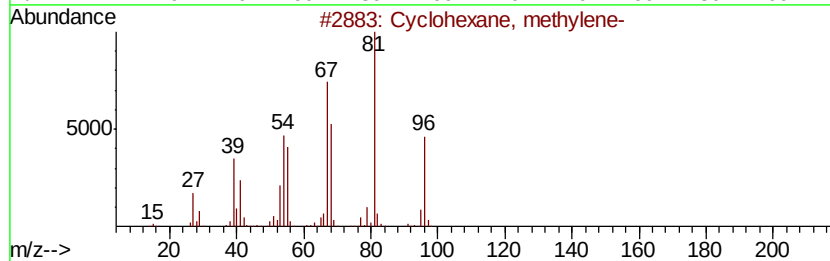
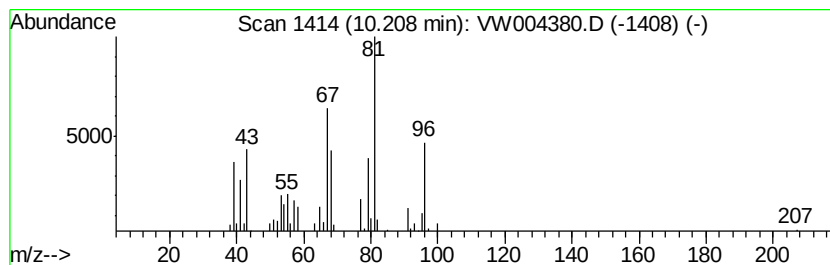
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Quant Title : VOC Analysis

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

Peak Number 14 Cyclohexane, methylene- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	2.11 ug/L	31134	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, methylene-	96	C7H12	001192-37-6	87
2		Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	87
3		Cyclohexane, methylene-	96	C7H12	001192-37-6	74
4		Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	64
5		Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080118\
Data File : VW004380.D
Acq On : 01 Aug 2018 16:38
Operator : SY/AP
Sample : J4209-04
Misc : 6.33G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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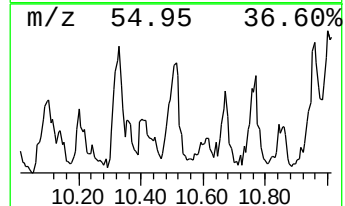
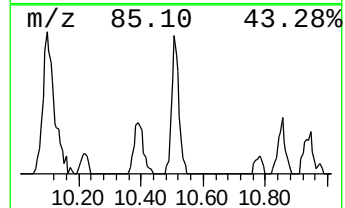
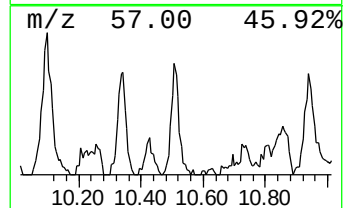
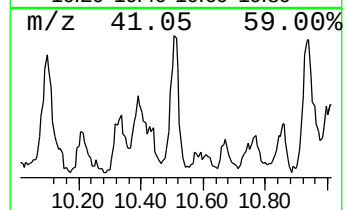
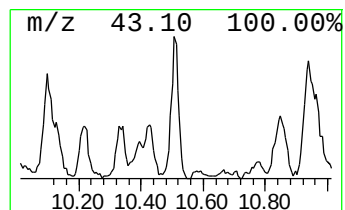
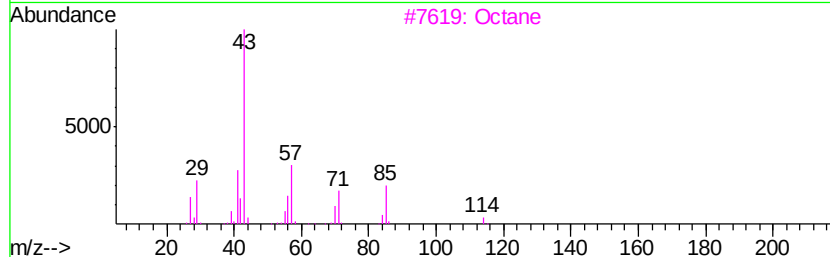
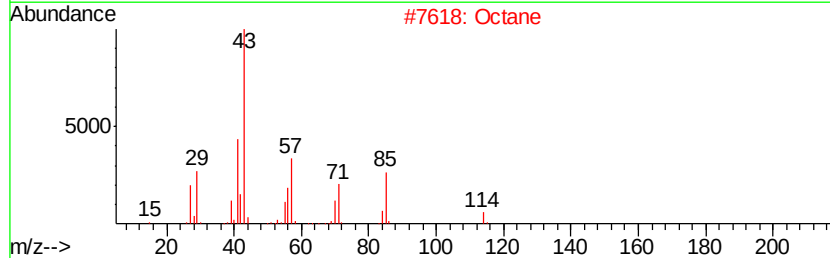
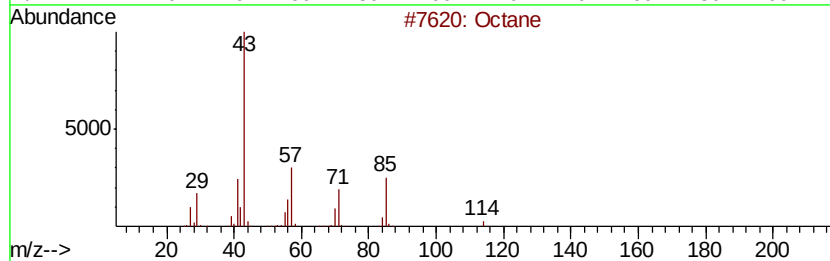
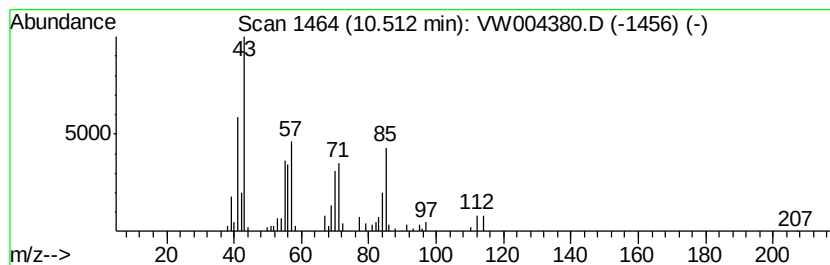
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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	1.26 ug/L	38325	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane	114	C8H18	000111-65-9	64
2		Octane	114	C8H18	000111-65-9	58
3		Octane	114	C8H18	000111-65-9	58
4		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	47
5		Hexane, 3-ethyl-	114	C8H18	000619-99-8	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080118\
Data File : VW004380.D
Acq On : 01 Aug 2018 16:38
Operator : SY/AP
Sample : J4209-04
Misc : 6.33G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

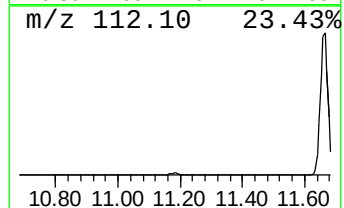
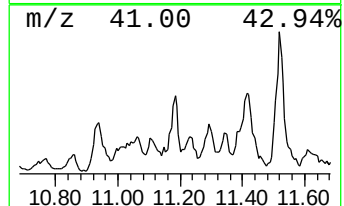
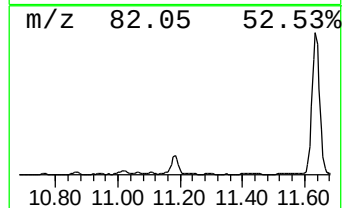
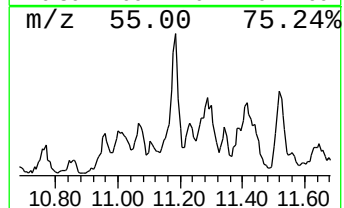
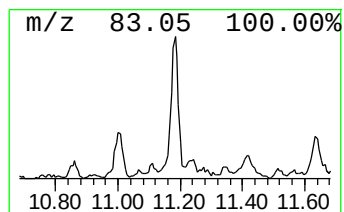
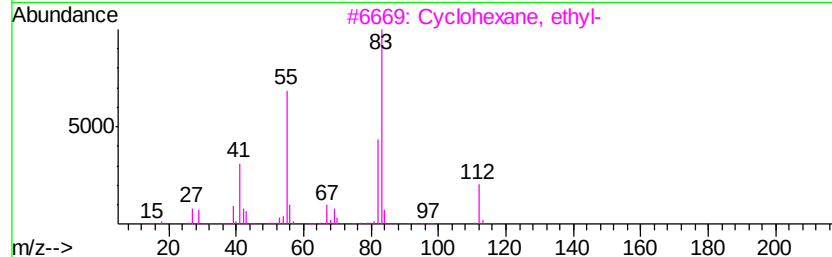
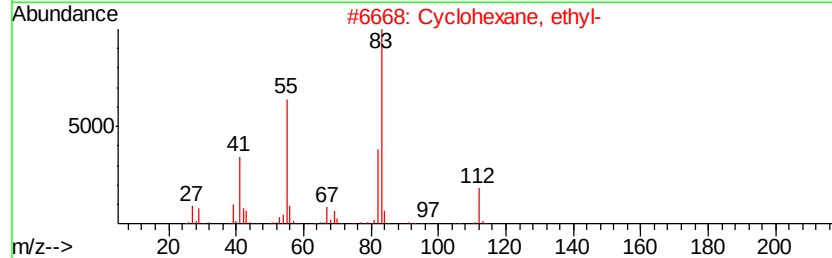
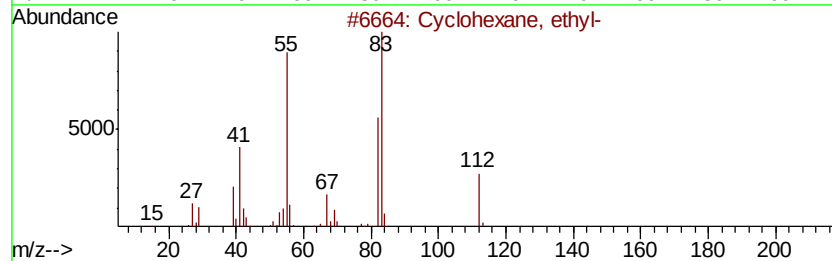
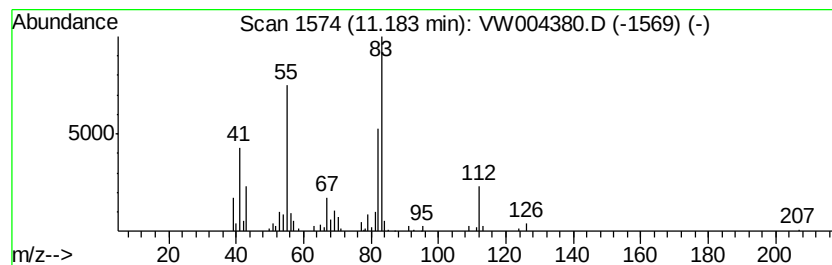
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Cyclic11.18 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.18	1.45 ug/L	44352	Chlorobenzene-d5		11.63
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	81
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080118\
 Data File : VW004380.D
 Acq On : 01 Aug 2018 16:38
 Operator : SY/AP
 Sample : J4209-04
 Misc : 6.33G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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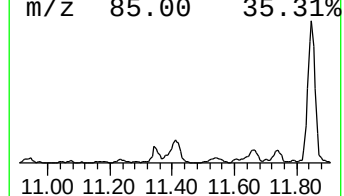
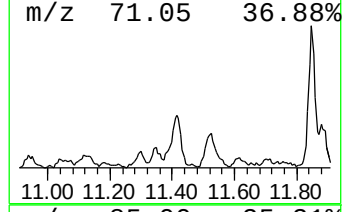
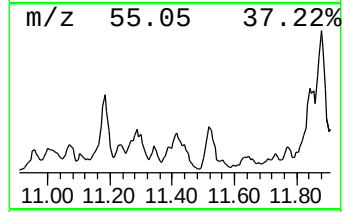
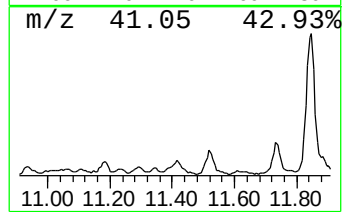
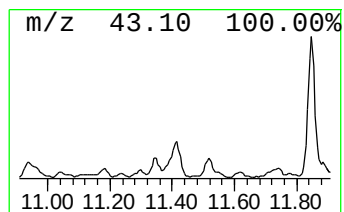
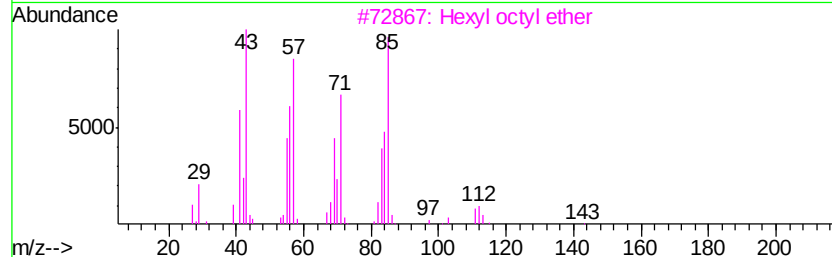
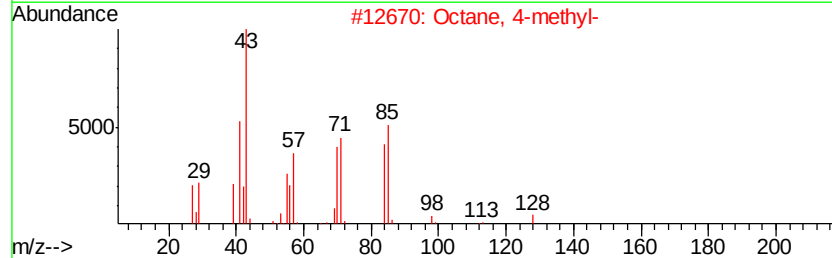
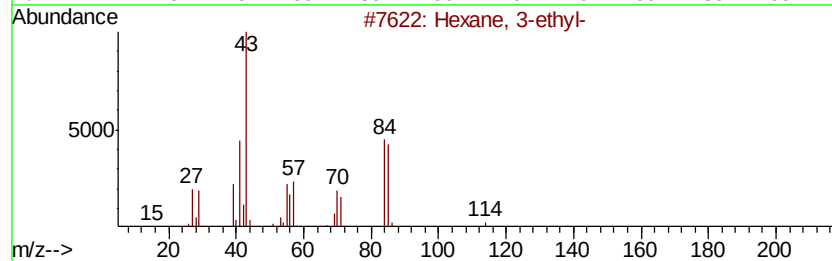
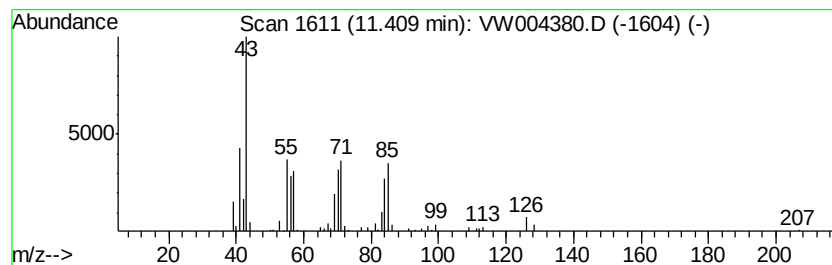
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 Quant Title : VOC Analysis

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

 Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	3.63 ug/L	110723	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	58
2		Octane, 4-methyl-	128	C9H20	002216-34-4	53
3		Hexyl octyl ether	214	C14H30O	017071-54-4	50
4		Octane, 2-methyl-	128	C9H20	003221-61-2	50
5		Acetic acid, 2-propylpentyl ester	172	C10H20O2	1000368-74-9	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080118\
Data File : VW004380.D
Acq On : 01 Aug 2018 16:38
Operator : SY/AP
Sample : J4209-04
Misc : 6.33G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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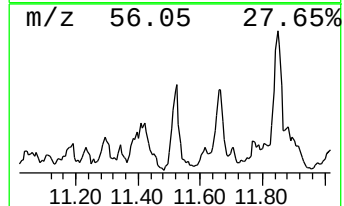
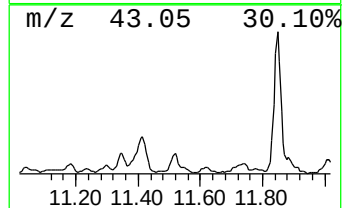
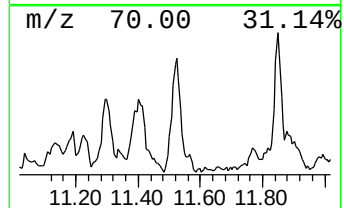
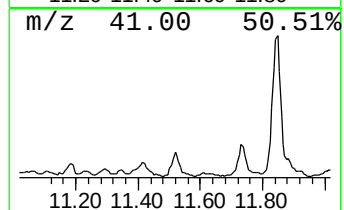
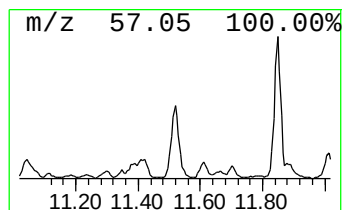
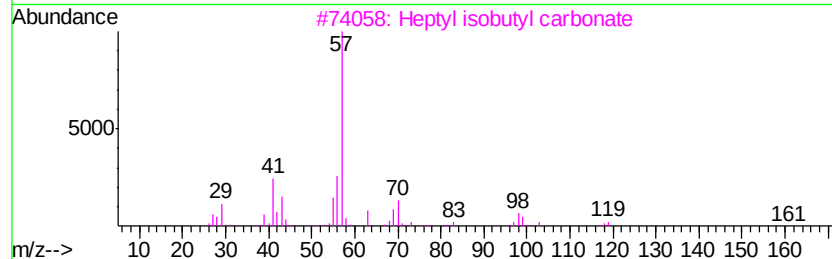
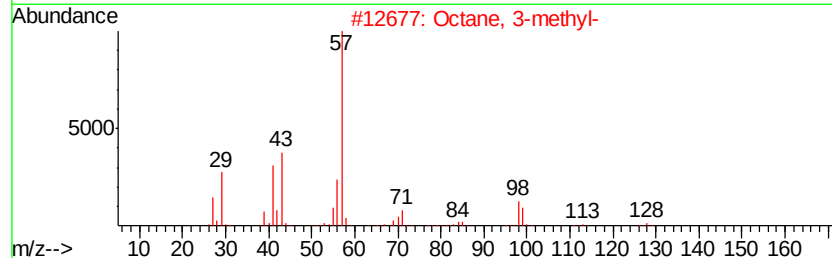
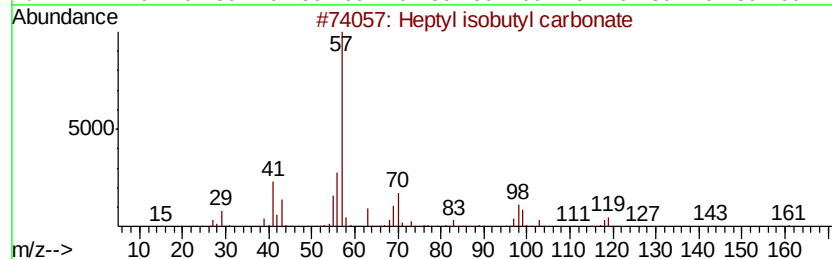
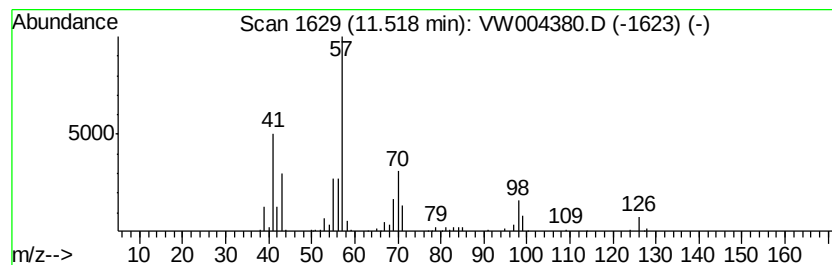
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Quant Title : VOC Analysis

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

Peak Number 18 Heptyl isobutyl carbonate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	3.18 ug/L	96821	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	59
2			Octane, 3-methyl-	128	C9H20	002216-33-3	58
3			Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	53
4			3-Undecene, 6-methyl-, (E)-	168	C12H24	074630-52-7	53
5			Octane, 3-methyl-	128	C9H20	002216-33-3	52



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080118\
Data File : VW004380.D
Acq On : 01 Aug 2018 16:38
Operator : SY/AP
Sample : J4209-04
Misc : 6.33G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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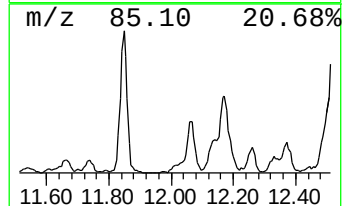
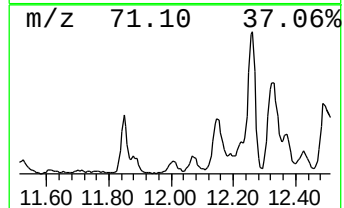
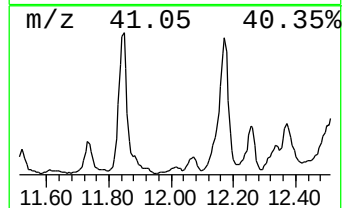
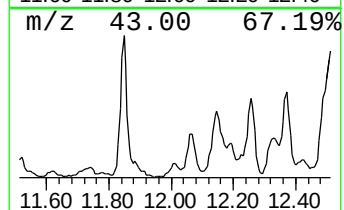
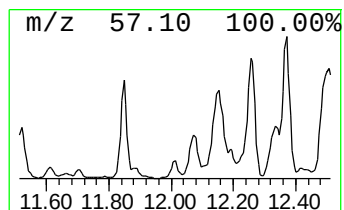
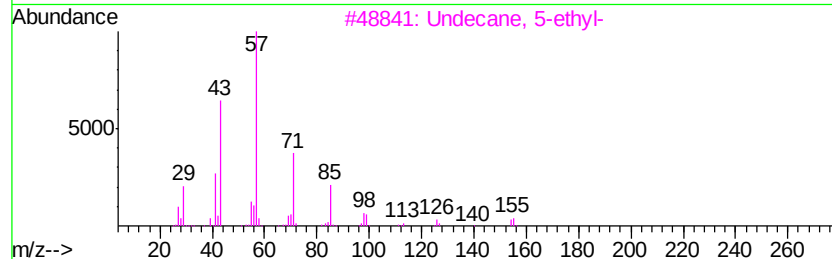
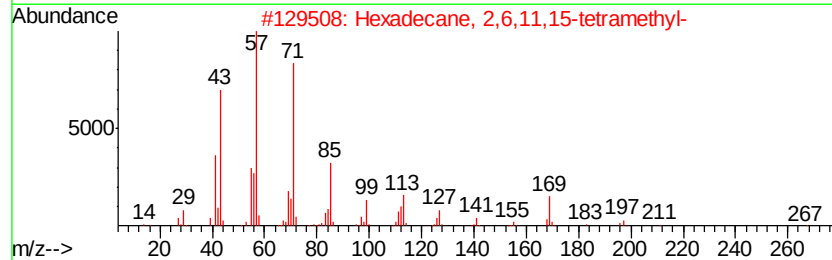
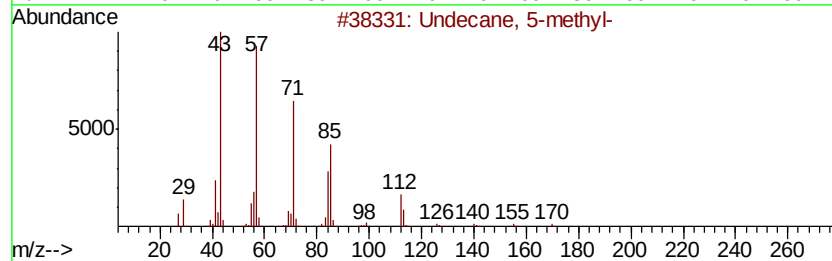
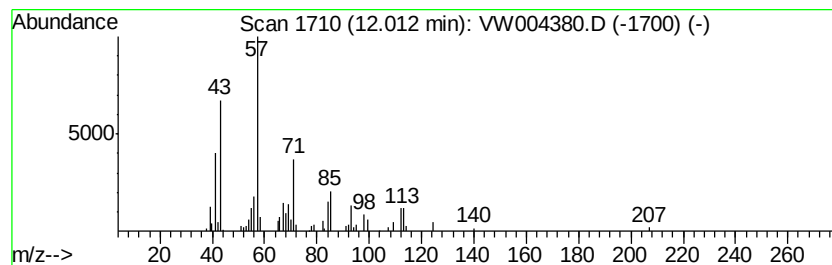
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	1.81 ug/L	55089	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 5-methyl-	170	C12H26	001632-70-8	53
2			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	53
3			Undecane, 5-ethyl-	184	C13H28	017453-94-0	50
4			Tetracosane	338	C24H50	000646-31-1	50
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080118\
Data File : VW004380.D
Acq On : 01 Aug 2018 16:38
Operator : SY/AP
Sample : J4209-04
Misc : 6.33G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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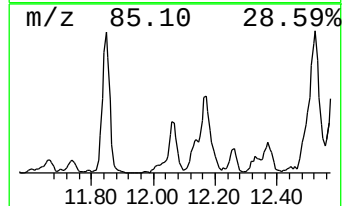
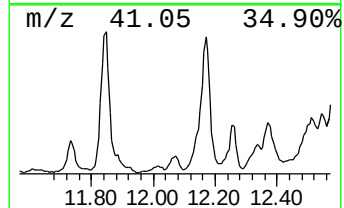
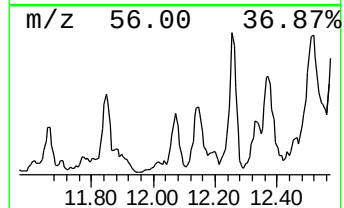
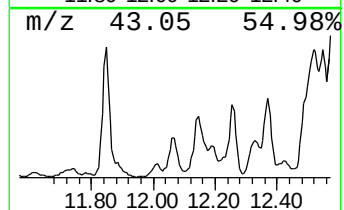
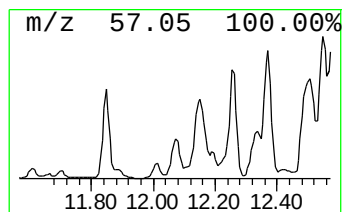
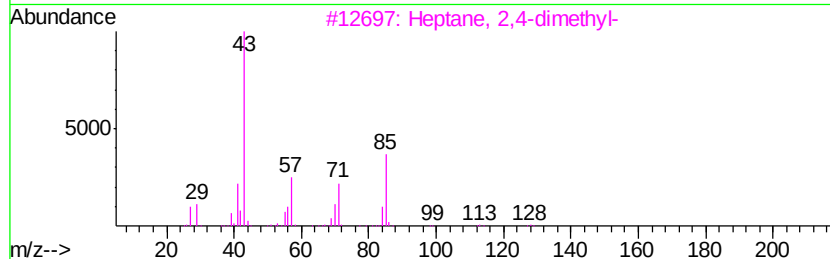
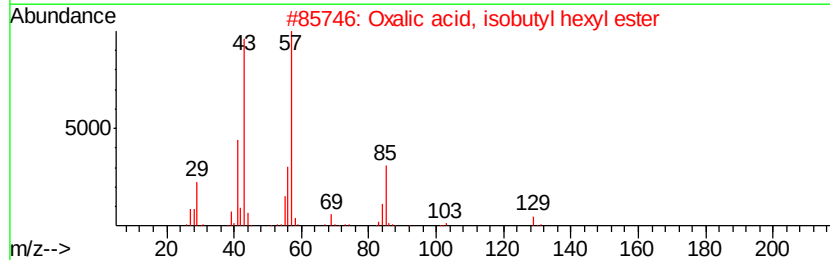
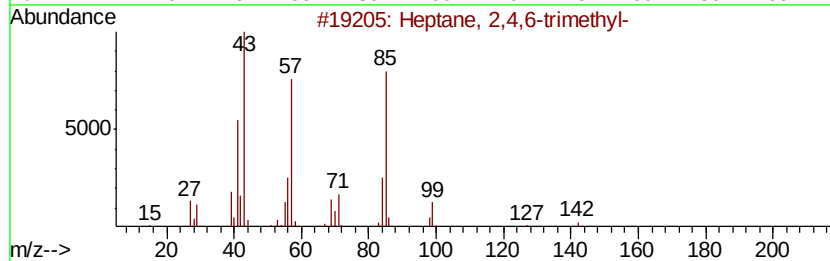
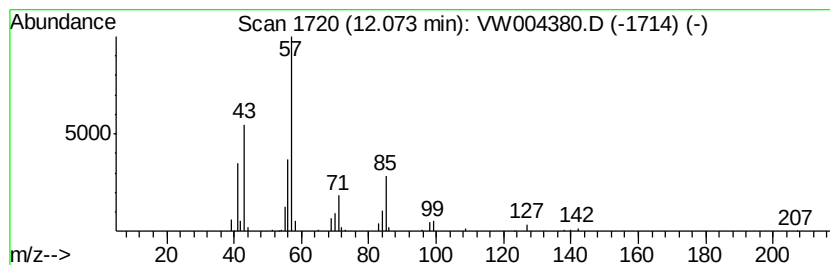
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Quant Title : VOC Analysis

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	2.19 ug/L	66888	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	64
2		Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	59
3		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
4		Heptane, 4-ethyl-	128	C9H20	002216-32-2	59
5		Undecane, 4,4-dimethyl-	184	C13H28	017312-68-4	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080118\
Data File : VW004380.D
Acq On : 01 Aug 2018 16:38
Operator : SY/AP
Sample : J4209-04
Misc : 6.33G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AB9

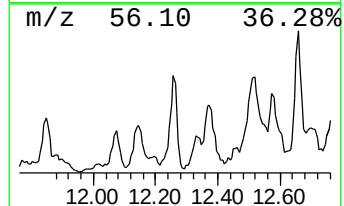
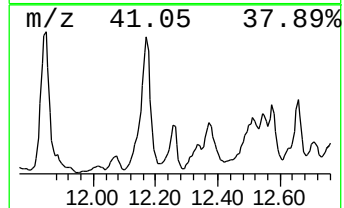
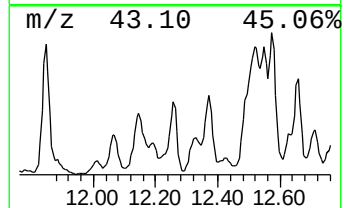
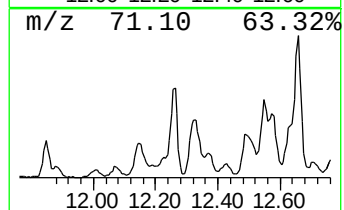
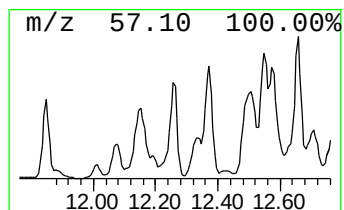
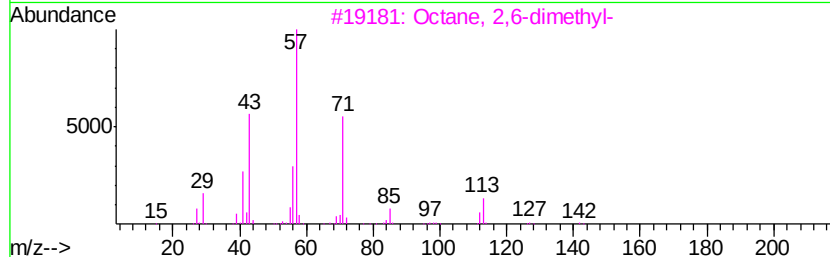
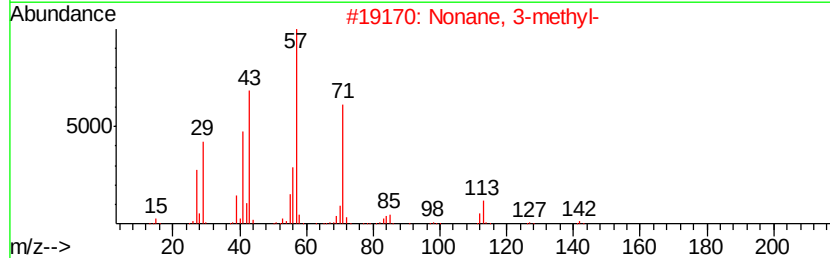
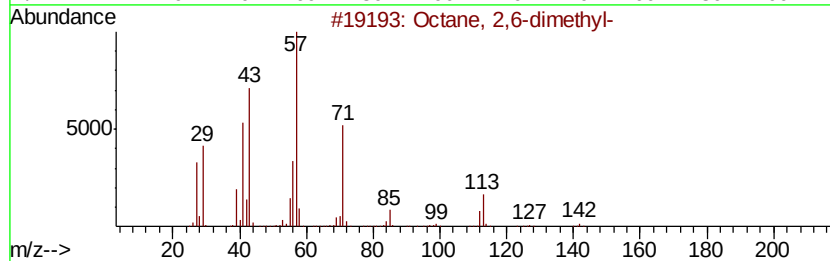
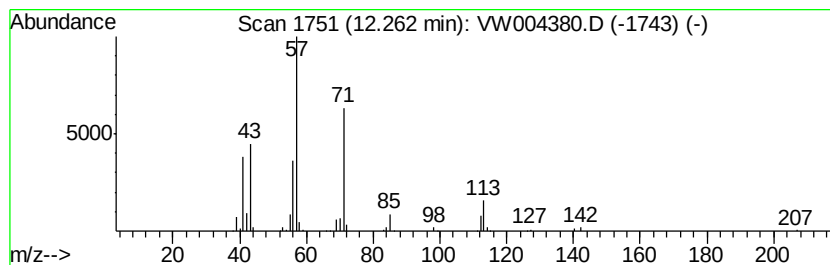
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Quant Title : VOC Analysis

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	7.19 ug/L	219099	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	90
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080118\
Data File : VW004380.D
Acq On : 01 Aug 2018 16:38
Operator : SY/AP
Sample : J4209-04
Misc : 6.33G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AB9

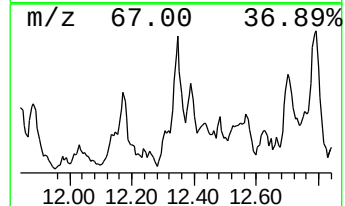
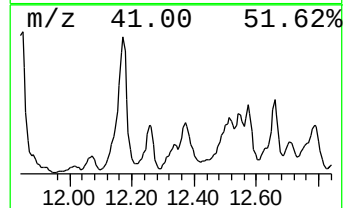
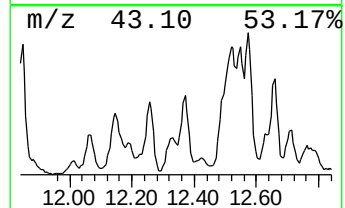
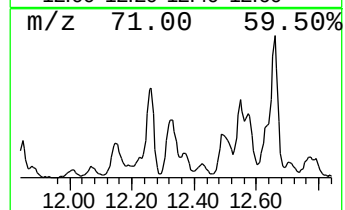
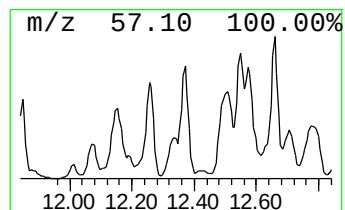
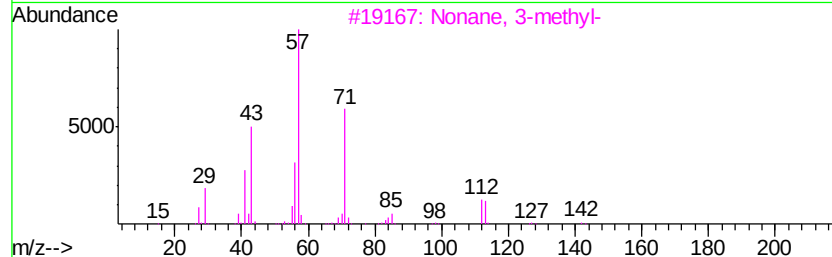
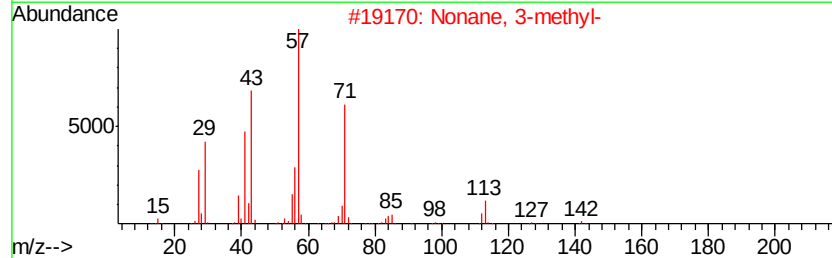
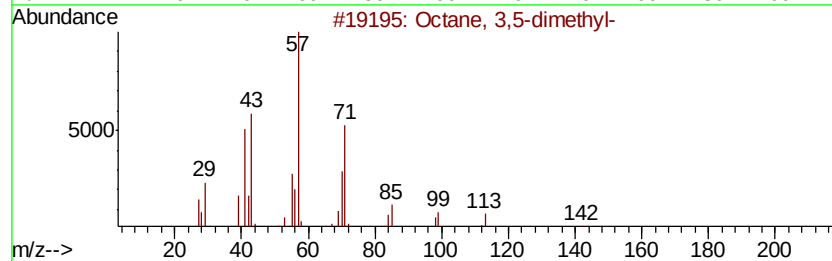
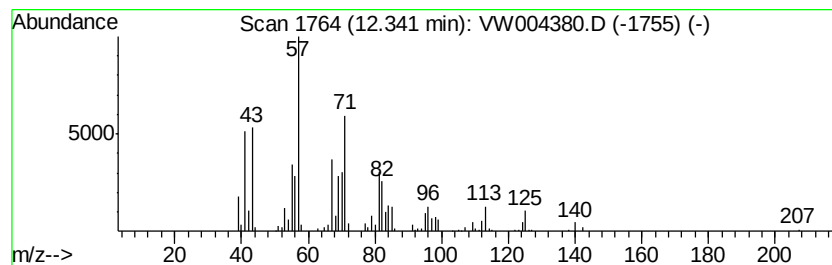
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Quant Title : VOC Analysis

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	5.69 ug/L	173456	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	60
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	49
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	49
5		Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	47



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080118\
Data File : VW004380.D
Acq On : 01 Aug 2018 16:38
Operator : SY/AP
Sample : J4209-04
Misc : 6.33G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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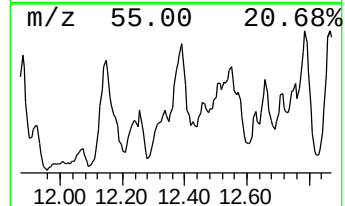
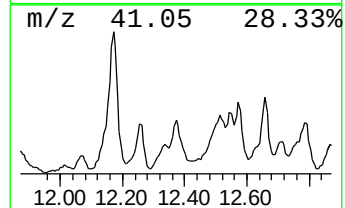
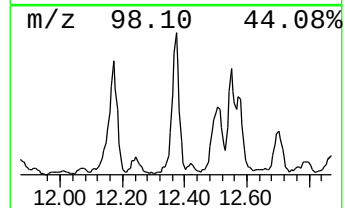
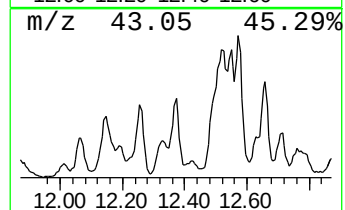
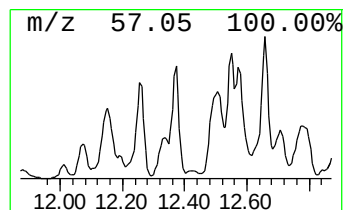
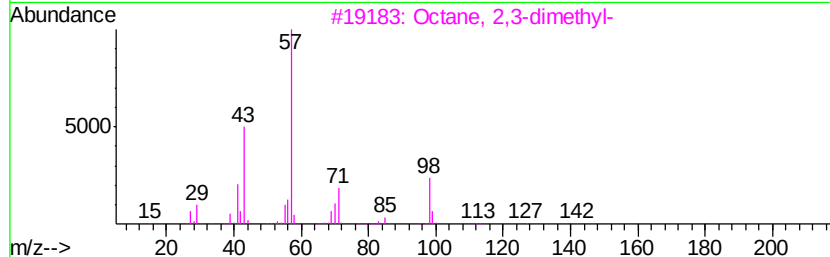
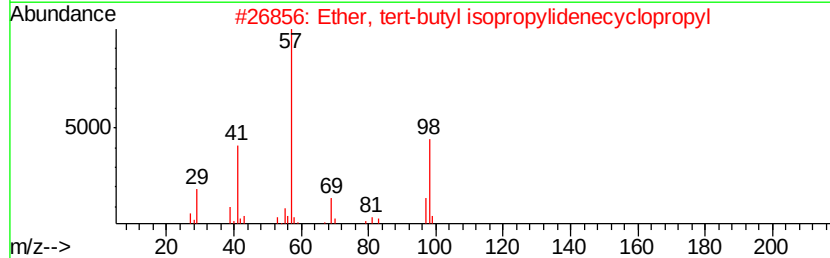
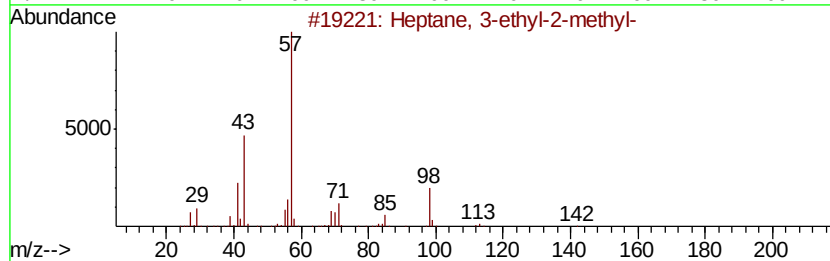
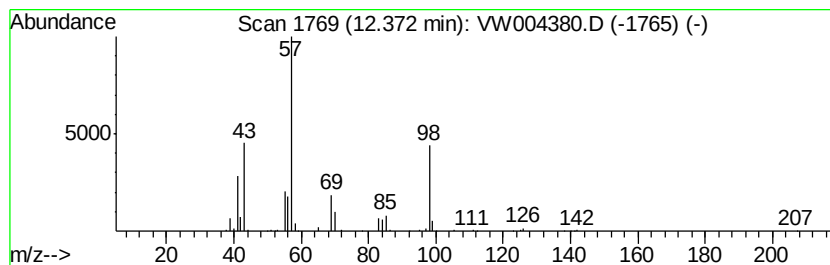
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Quant Title : VOC Analysis

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	6.61 ug/L	201439	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
2		Ether, tert-butyl isopropylidene...	154	C10H18O	024524-56-9	59
3		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50
4		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	50
5		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080118\
Data File : VW004380.D
Acq On : 01 Aug 2018 16:38
Operator : SY/AP
Sample : J4209-04
Misc : 6.33G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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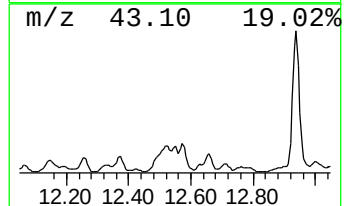
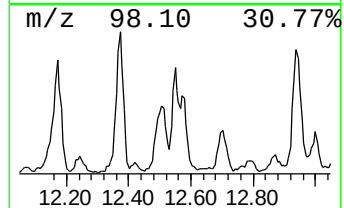
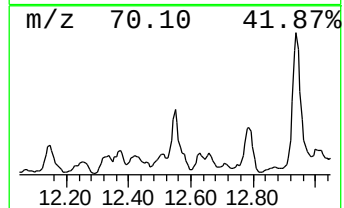
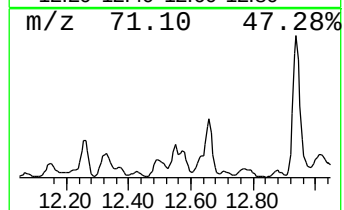
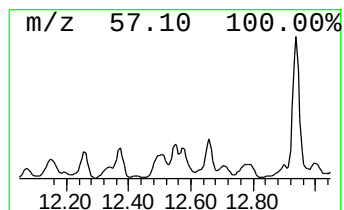
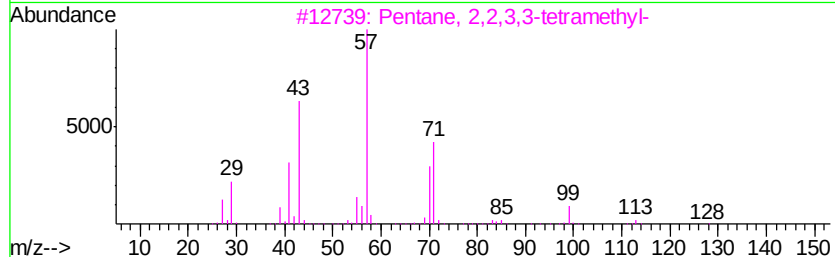
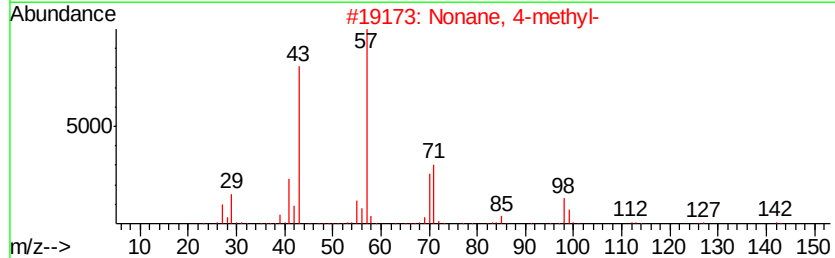
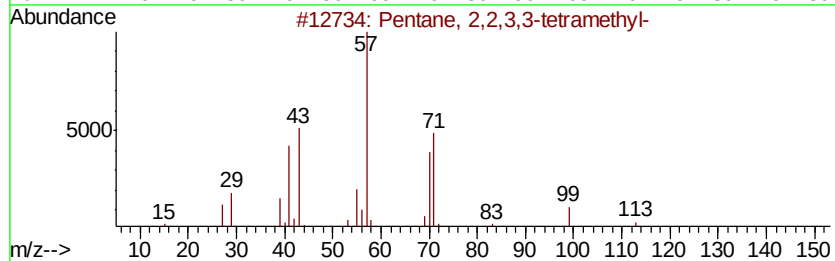
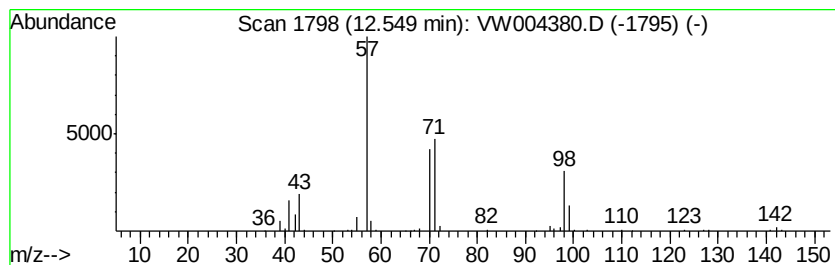
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	1.27 ug/L	38689	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
2			Nonane, 4-methyl-	142	C10H22	017301-94-9	64
3			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
4			Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	56
5			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080118\
Data File : VW004380.D
Acq On : 01 Aug 2018 16:38
Operator : SY/AP
Sample : J4209-04
Misc : 6.33G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

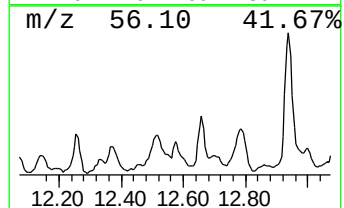
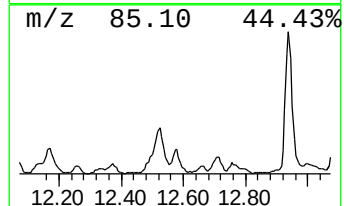
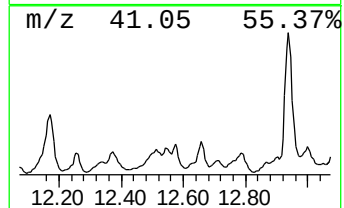
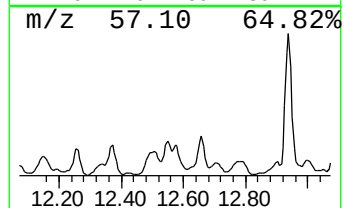
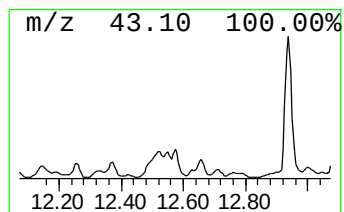
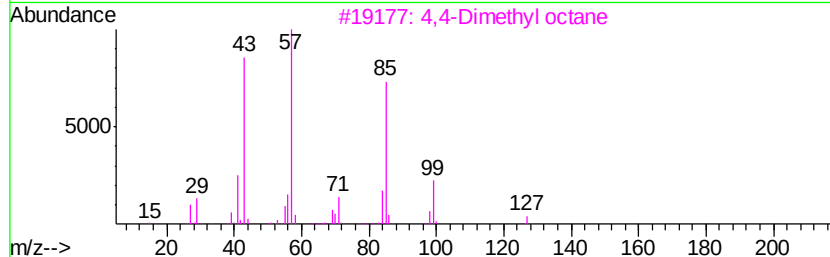
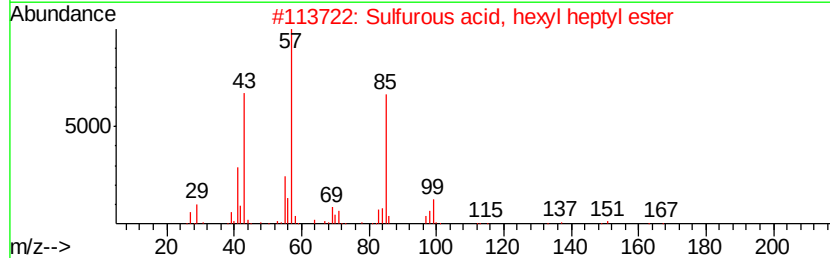
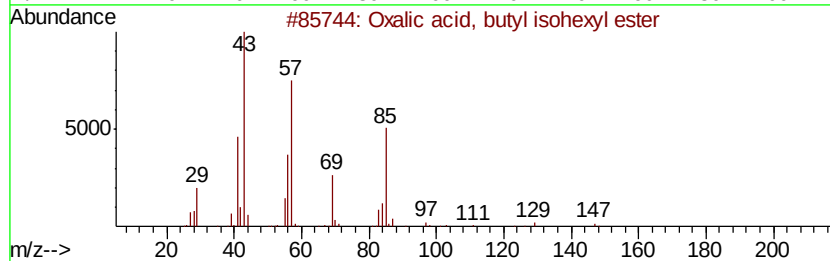
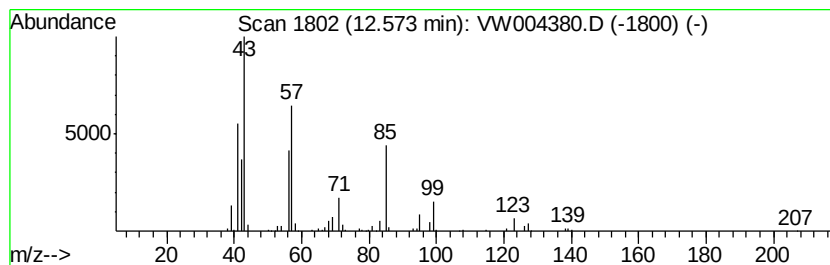
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
Quant Title : VOC Analysis

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

Peak Number 25 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.57	5.21 ug/L	158771	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	40
2	Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	38
3	4,4-Dimethyl octane	142	C10H22	015869-95-1	38
4	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	38
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080118\
 Data File : VW004380.D
 Acq On : 01 Aug 2018 16:38
 Operator : SY/AP
 Sample : J4209-04
 Misc : 6.33G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AB9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.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	1.3	ug/L	18926	1	8.85	369645	25.0
(DEL) Alkane: Str...	3.38	1.3	ug/L	19015	1	8.85	369645	25.0
(DEL) Alkane: Str...	7.93	6.6	ug/L	97924	1	8.85	369645	25.0
(DEL) Alkane: Str...	8.03	2.5	ug/L	36479	1	8.85	369645	25.0
(DEL) Alkane: Str...	8.16	10.0	ug/L	147254	1	8.85	369645	25.0
(DEL) Alkane: Cyc...	8.51	1.8	ug/L	27073	1	8.85	369645	25.0
(DEL) Alkane: Cyc...	8.58	3.4	ug/L	50752	1	8.85	369645	25.0
(DEL) Alkane: Str...	8.70	12.4	ug/L	182607	1	8.85	369645	25.0
(DEL) Alkane: Str...	9.96	2.4	ug/L	34986	1	8.85	369645	25.0
(DEL) Alkane: Str...	10.10	2.2	ug/L	32026	1	8.85	369645	25.0
Cyclohexane, meth...	10.21	2.1	ug/L	31134	1	8.85	369645	25.0
(DEL) Alkane: Str...	10.51	1.3	ug/L	38325	2	11.63	762125	25.0
(DEL) Alkane: Cyc...	11.18	1.5	ug/L	44352	2	11.63	762125	25.0
(DEL) Alkane: Str...	11.41	3.6	ug/L	110723	2	11.63	762125	25.0
Heptyl isobutyl c...	11.52	3.2	ug/L	96821	2	11.63	762125	25.0
(DEL) Alkane: Str...	12.01	1.8	ug/L	55089	2	11.63	762125	25.0
(DEL) Alkane: Str...	12.07	2.2	ug/L	66888	2	11.63	762125	25.0
(DEL) Alkane: Str...	12.26	7.2	ug/L	219099	2	11.63	762125	25.0
(DEL) Alkane: Str...	12.34	5.7	ug/L	173456	2	11.63	762125	25.0
(DEL) Alkane: Str...	12.37	6.6	ug/L	201439	2	11.63	762125	25.0
(DEL) Alkane: Str...	12.55	1.3	ug/L	38689	2	11.63	762125	25.0
unknown-01	12.57	5.2	ug/L	158771	2	11.63	762125	25.0