

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081418\
 Data File : VW004656.D
 Acq On : 13 Aug 2018 19:18
 Operator : SY/AP
 Sample : J4450-07
 Misc : 4.93G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAB06

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\SOM2WLM080218S.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	1.813	14	37	84	rBV	18038393	64330485	100.00%	65.973%
2	2.361	120	127	144	rVB	159332	388559	0.60%	0.398%
3	2.495	144	149	160	rBV2	25901	75223	0.12%	0.077%
4	2.892	207	214	227	rBV	121579	330053	0.51%	0.338%
5	3.715	345	349	360	rVB3	10598	29070	0.05%	0.030%
6	4.013	386	398	411	rBV	280772	944983	1.47%	0.969%
7	4.135	411	418	436	rVB	96601	293823	0.46%	0.301%
8	4.373	449	457	471	rBV	11381	39290	0.06%	0.040%
9	4.916	534	546	561	rBV5	17488	76694	0.12%	0.079%
10	5.794	677	690	703	rBV	35788	123250	0.19%	0.126%
11	5.940	706	714	724	rVB4	10556	31376	0.05%	0.032%
12	6.879	857	868	877	rBV7	11539	45407	0.07%	0.047%
13	6.989	879	886	893	rVB4	8303	22942	0.04%	0.024%
14	7.086	893	902	911	rBV	111681	326045	0.51%	0.334%
15	7.653	982	995	1012	rVB	478386	1167177	1.81%	1.197%
16	7.927	1033	1040	1050	rBV4	34889	110329	0.17%	0.113%
17	8.037	1050	1058	1071	rVB2	56426	142872	0.22%	0.147%
18	8.159	1071	1078	1085	rBV	56794	123066	0.19%	0.126%
19	8.281	1088	1098	1115	rVB2	940524	2781364	4.32%	2.852%
20	8.488	1115	1132	1142	rBV	226569	731073	1.14%	0.750%
21	8.702	1158	1167	1181	rVB3	44695	114178	0.18%	0.117%
22	8.848	1181	1191	1202	rBV	1035103	2044955	3.18%	2.097%
23	9.074	1222	1228	1233	rBV7	10296	23860	0.04%	0.024%
24	9.281	1253	1262	1268	rBV	655336	1393560	2.17%	1.429%
25	9.336	1268	1271	1276	rVV2	168911	315125	0.49%	0.323%
26	9.391	1276	1280	1288	rVB	97236	182214	0.28%	0.187%
27	9.470	1288	1293	1297	rBV2	10718	22492	0.03%	0.023%
28	9.519	1297	1301	1307	rVB3	27358	50617	0.08%	0.052%
29	9.616	1307	1317	1322	rBV4	36016	84806	0.13%	0.087%
30	9.762	1333	1341	1352	rBV	262298	529374	0.82%	0.543%
31	9.903	1352	1364	1369	rBV	235272	526492	0.82%	0.540%
32	9.964	1369	1374	1377	rVV	59043	103507	0.16%	0.106%
33	9.994	1377	1379	1381	rVV	31922	35004	0.05%	0.036%
34	10.037	1381	1386	1391	rVV	294751	491025	0.76%	0.504%

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35	10.104	1391	1397	1409	rVB2	133121	350584	0.54%	0.360%
36	10.220	1409	1416	1417	rBV2	35329	61682	0.10%	0.063%
37	10.250	1417	1421	1427	rVB2	117863	209687	0.33%	0.215%
38	10.329	1427	1434	1442	rBV	1395960	2568115	3.99%	2.634%
39	10.451	1449	1454	1457	rBV3	21714	34223	0.05%	0.035%
40	10.512	1457	1464	1469	rVB6	107122	235391	0.37%	0.241%
41	10.579	1469	1475	1481	rBV	223924	399963	0.62%	0.410%
42	10.671	1485	1490	1494	rVV	59055	97319	0.15%	0.100%
43	10.707	1494	1496	1499	rVV	23271	35518	0.06%	0.036%
44	10.768	1499	1506	1514	rVB6	63118	167805	0.26%	0.172%
45	10.854	1514	1520	1525	rVB2	37223	73739	0.11%	0.076%
46	10.933	1525	1533	1541	rBV2	574759	1064513	1.65%	1.092%
47	11.024	1541	1548	1558	rVV2	67829	208484	0.32%	0.214%
48	11.110	1558	1562	1565	rVV3	27907	43248	0.07%	0.044%
49	11.152	1565	1569	1570	rVV4	23837	36066	0.06%	0.037%
50	11.183	1570	1574	1578	rVV	72598	121802	0.19%	0.125%
51	11.238	1578	1583	1588	rVV	96978	178177	0.28%	0.183%
52	11.287	1588	1591	1595	rVB4	22479	32686	0.05%	0.034%
53	11.348	1595	1601	1605	rBV4	62841	119793	0.19%	0.123%
54	11.415	1607	1612	1624	rVB5	70025	223832	0.35%	0.230%
55	11.518	1624	1629	1635	rBV	69829	117067	0.18%	0.120%
56	11.634	1640	1648	1656	rBV	1501574	2524916	3.92%	2.589%
57	11.738	1656	1665	1673	rVB	164575	305890	0.48%	0.314%
58	11.847	1673	1683	1687	rBV2	173194	394868	0.61%	0.405%
59	12.073	1710	1720	1725	rBV10	15003	41510	0.06%	0.043%
60	12.146	1725	1732	1742	rBV3	49147	137888	0.21%	0.141%
61	12.256	1744	1750	1754	rVB4	29489	59372	0.09%	0.061%
62	12.347	1754	1765	1768	rBV4	51111	133520	0.21%	0.137%
63	12.469	1781	1785	1789	rBV2	27051	43051	0.07%	0.044%
64	12.616	1803	1809	1814	rVB2	54805	107846	0.17%	0.111%
65	12.695	1814	1822	1829	rVB	681713	1137887	1.77%	1.167%
66	12.811	1833	1841	1846	rVB	79496	160070	0.25%	0.164%
67	12.872	1846	1851	1855	rBV	143739	235982	0.37%	0.242%
68	12.945	1859	1863	1870	rVB2	113975	208550	0.32%	0.214%
69	13.109	1883	1890	1897	rBV	107835	186735	0.29%	0.192%
70	13.176	1897	1901	1909	rVV8	13994	27362	0.04%	0.028%
71	13.256	1909	1914	1927	rVB	141824	262112	0.41%	0.269%

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72	13.390	1927	1936	1941	rBV2	19051	51784	0.08%	0.053%
73	13.451	1941	1946	1950	rVV3	24530	43648	0.07%	0.045%
74	13.567	1958	1965	1975	rVV2	1452372	2657813	4.13%	2.726%
75	13.652	1977	1979	1984	rVB3	18109	26065	0.04%	0.027%
76	13.725	1986	1991	1993	rVV	49865	73859	0.11%	0.076%
77	13.762	1993	1997	2001	rVV2	186452	336407	0.52%	0.345%
78	13.798	2001	2003	2007	rVV3	86343	138281	0.21%	0.142%
79	13.859	2007	2013	2024	rVV	1294969	2144808	3.33%	2.200%
80	13.957	2024	2029	2034	rVB	41913	61866	0.10%	0.063%
81	14.018	2034	2039	2042	rBV	35013	57088	0.09%	0.059%
82	14.048	2042	2044	2048	rVV	23289	33375	0.05%	0.034%
83	14.103	2048	2053	2059	rVB	133083	213938	0.33%	0.219%
84	14.164	2059	2063	2067	rBV	27063	43406	0.07%	0.045%
85	14.213	2067	2071	2077	rVB2	108514	177183	0.28%	0.182%
86	14.341	2087	2092	2097	rBV2	34091	61363	0.10%	0.063%
87	14.426	2097	2106	2109	rVV	65176	115892	0.18%	0.119%
88	14.469	2109	2113	2116	rVV	52545	78563	0.12%	0.081%
89	14.512	2116	2120	2123	rVV	28189	42962	0.07%	0.044%
90	14.548	2123	2126	2133	rVB5	21019	35600	0.06%	0.037%
91	14.652	2139	2143	2146	rVV	19733	27760	0.04%	0.028%
92	14.701	2146	2151	2155	rVV2	56694	100844	0.16%	0.103%
93	14.737	2155	2157	2162	rVB3	23637	32854	0.05%	0.034%
94	14.816	2162	2170	2175	rBV2	105568	237856	0.37%	0.244%
95	14.865	2175	2178	2186	rVB3	15895	28909	0.04%	0.030%
96	15.079	2203	2213	2216	rBV3	32389	76351	0.12%	0.078%
97	15.194	2225	2232	2238	rVB3	37909	84056	0.13%	0.086%
98	15.377	2251	2262	2268	rBV2	47747	91719	0.14%	0.094%
99	16.456	2433	2439	2448	rVV2	16928	35392	0.06%	0.036%
100	16.658	2467	2472	2481	rVB4	10222	23012	0.04%	0.024%

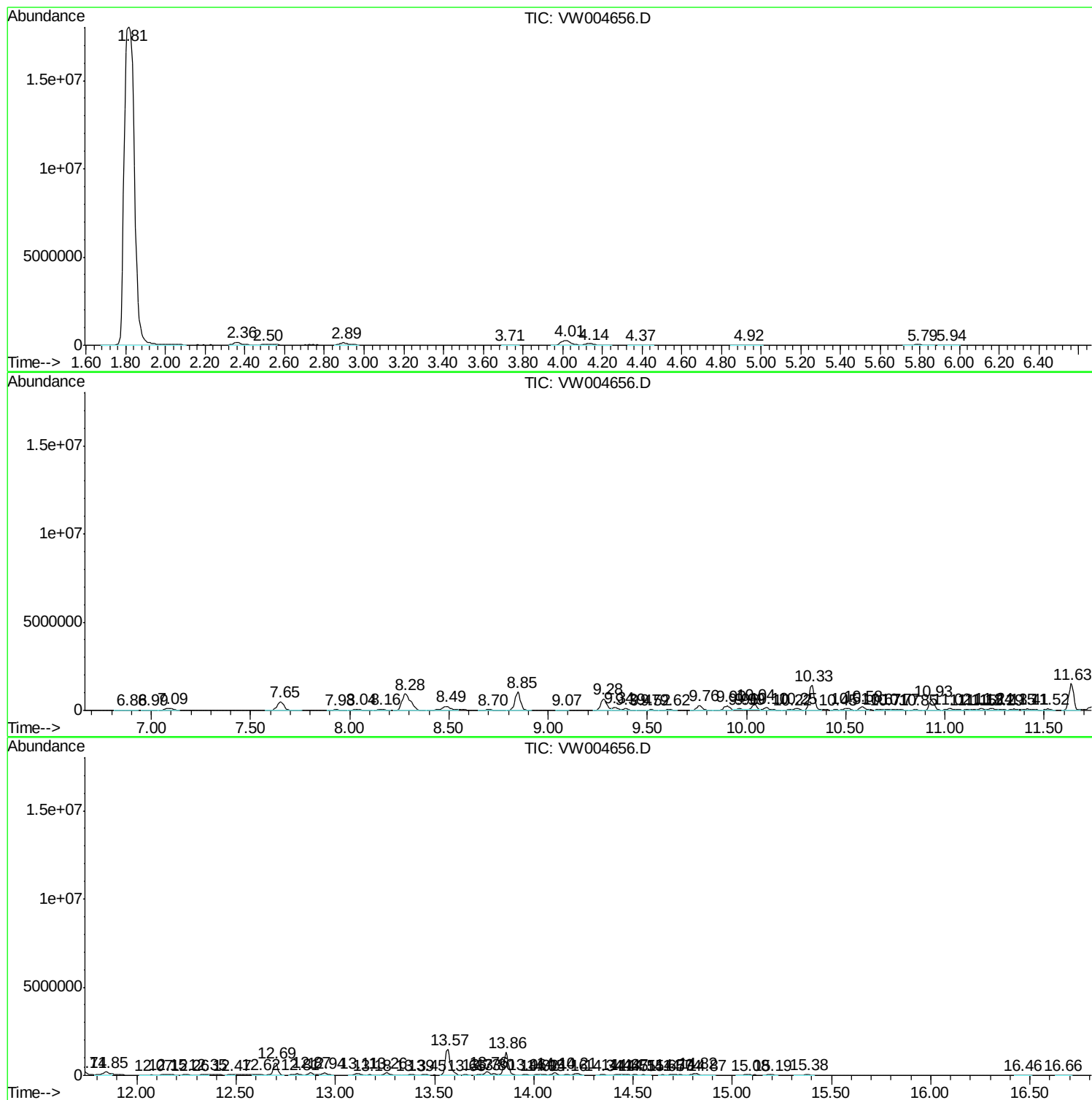
Sum of corrected areas: 97510197

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis

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



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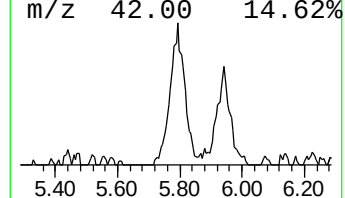
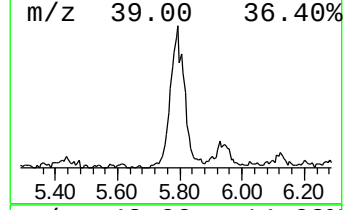
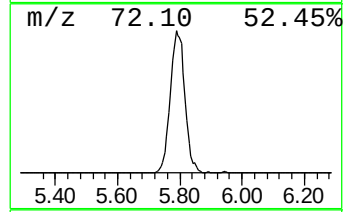
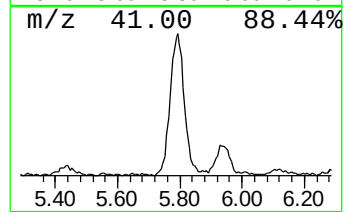
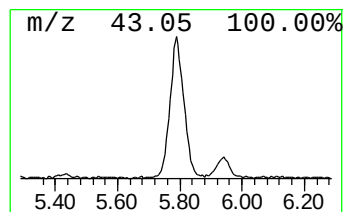
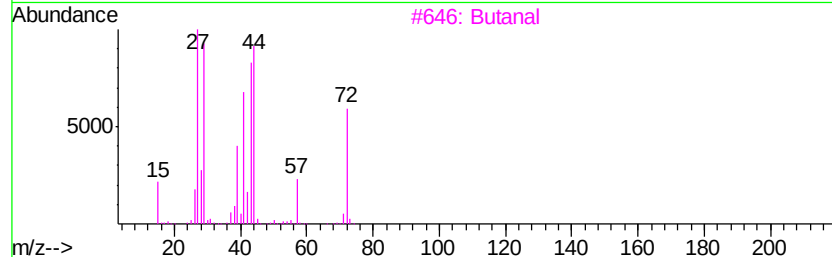
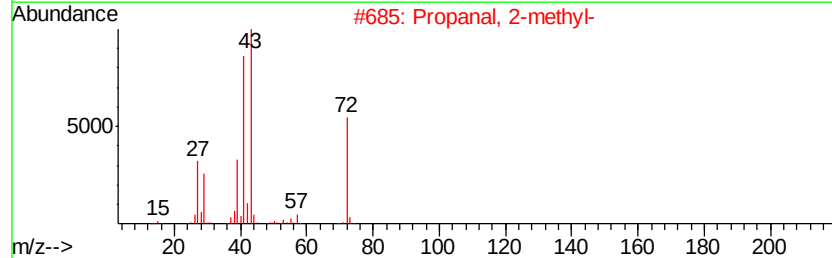
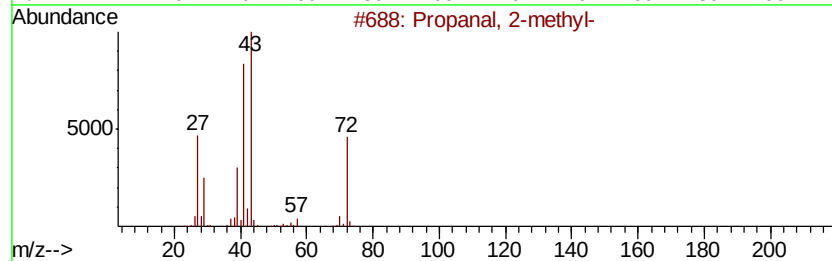
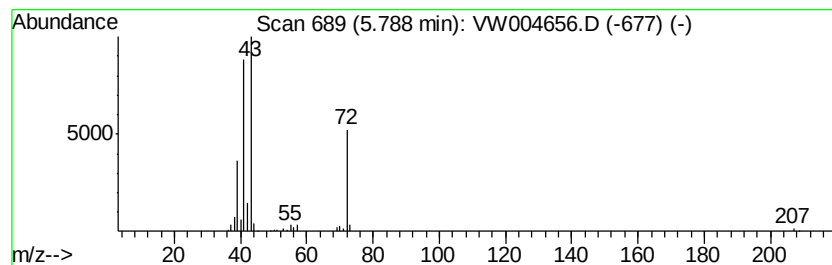
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis

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

Peak Number 2 Propanal, 2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	1.51 ug/L	123250	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanal, 2-methyl-	72	C4H8O	000078-84-2	90
2		Propanal, 2-methyl-	72	C4H8O	000078-84-2	86
3		Butanal	72	C4H8O	000123-72-8	56
4		Propanal, 2-methyl-	72	C4H8O	000078-84-2	47
5		Propane, 1-nitro-	89	C3H7NO2	000108-03-2	40



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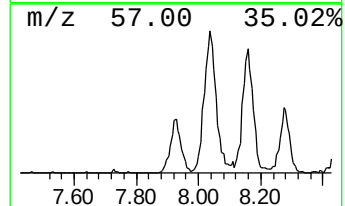
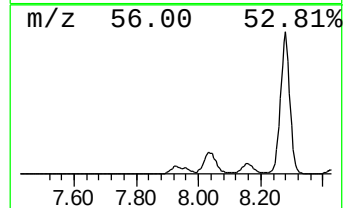
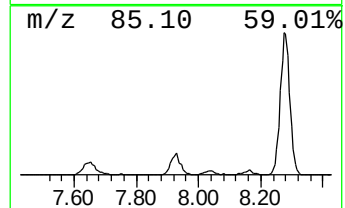
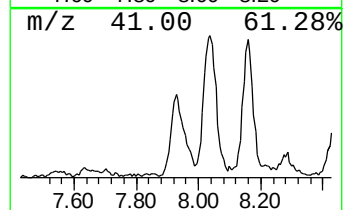
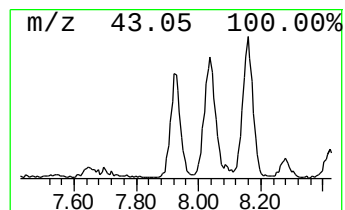
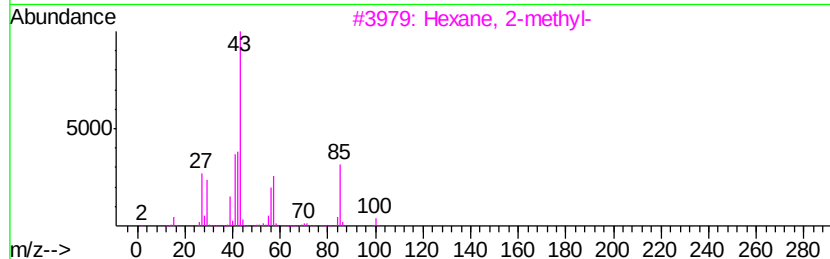
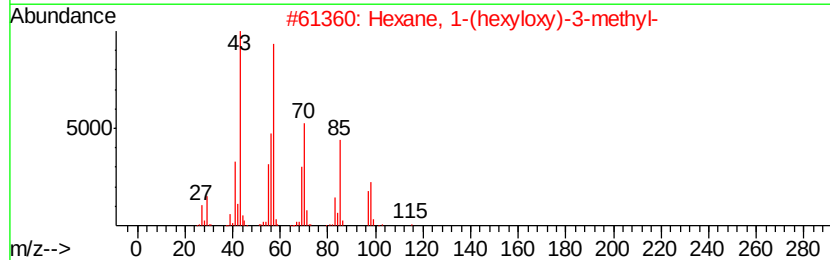
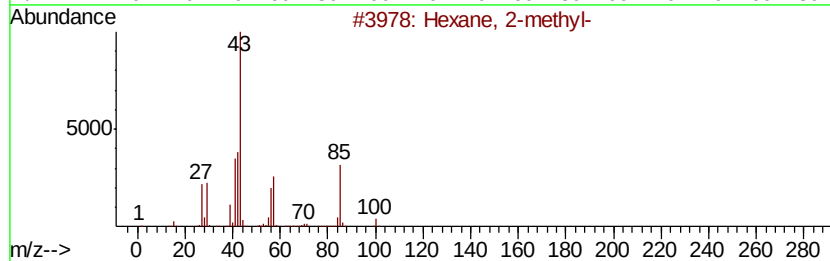
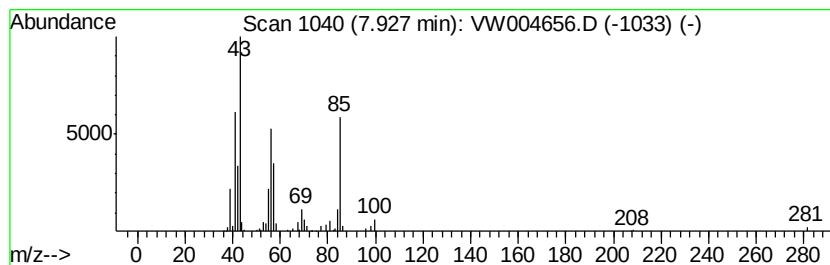
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	1.35 ug/L	110329	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2-methyl-	100	C7H16	000591-76-4	59
2		Hexane, 1-(hexyloxy)-3-methyl-	200	C13H28O	074421-18-4	59
3		Hexane, 2-methyl-	100	C7H16	000591-76-4	59
4		1-Pentene, 4-methyl-	84	C6H12	000691-37-2	58
5		1-Pentene, 4-methyl-	84	C6H12	000691-37-2	52



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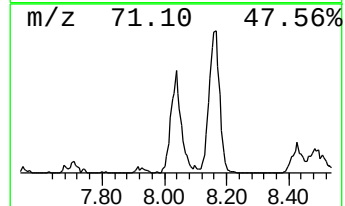
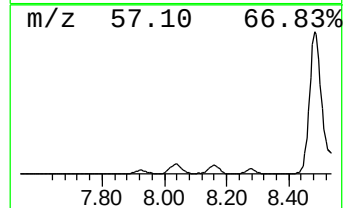
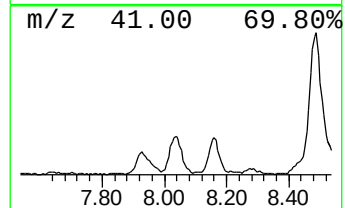
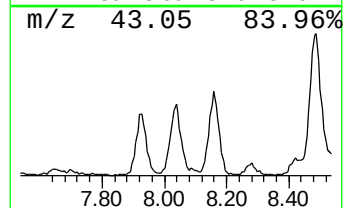
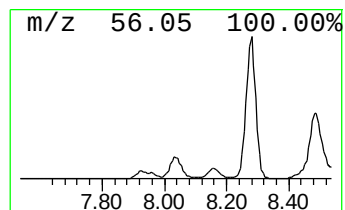
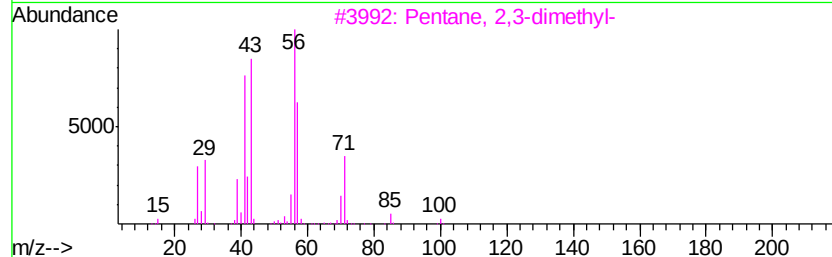
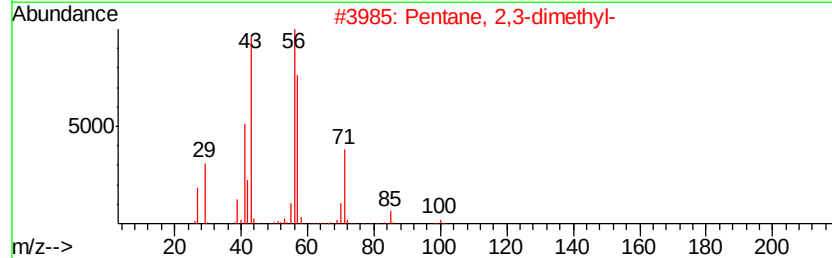
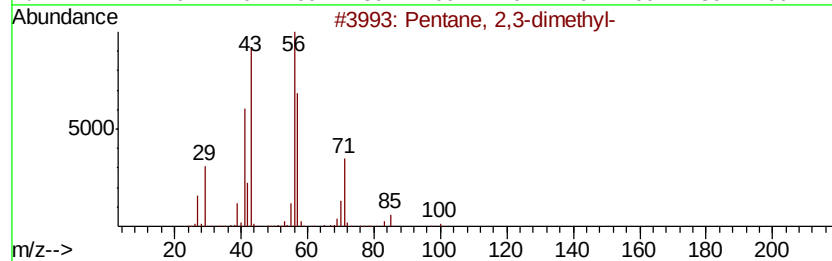
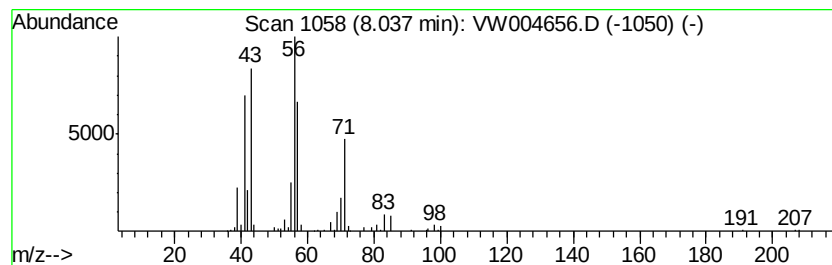
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	1.75 ug/L	142872	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
2		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
3		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	81
4		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	74
5		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081418\
Data File : VW004656.D
Acq On : 13 Aug 2018 19:18
Operator : SY/AP
Sample : J4450-07
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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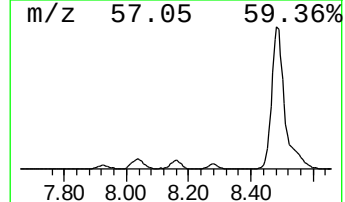
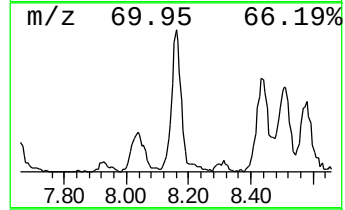
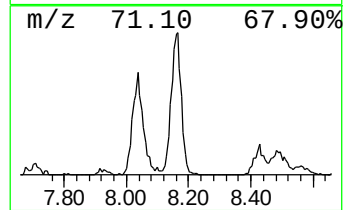
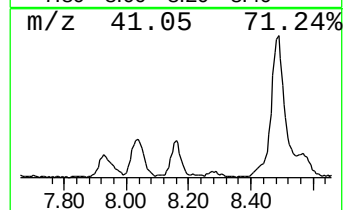
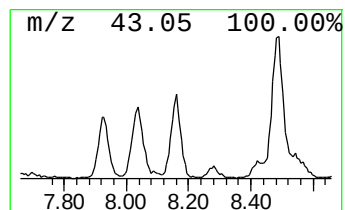
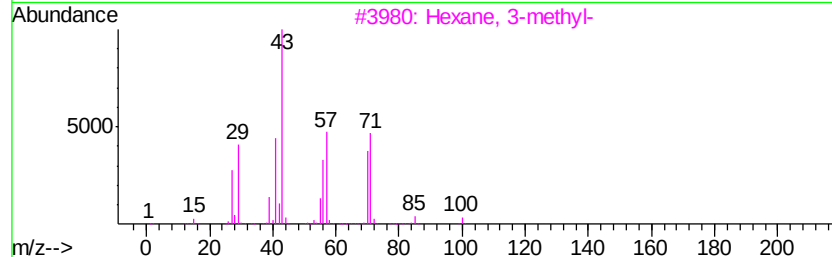
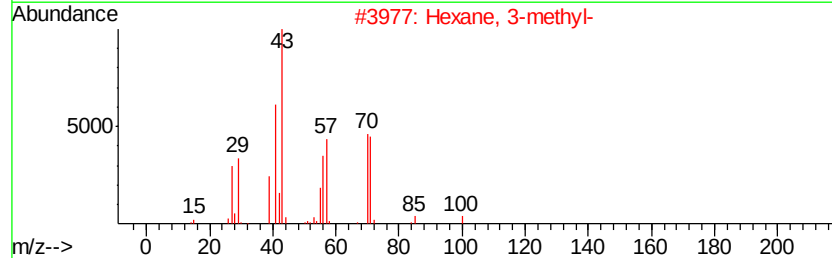
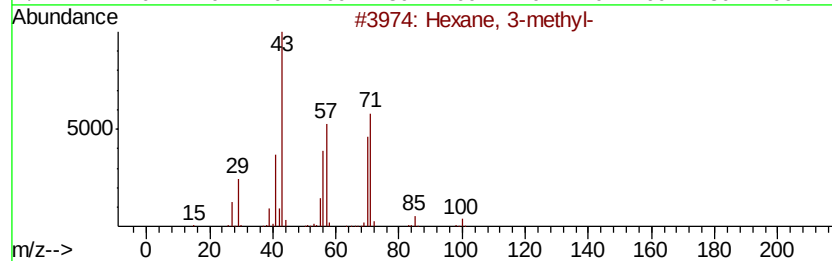
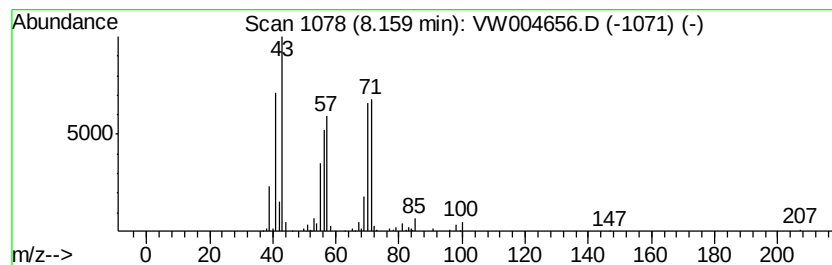
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	1.50 ug/L	123066	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3-methyl-	100	C7H16	000589-34-4	90
2		Hexane, 3-methyl-	100	C7H16	000589-34-4	90
3		Hexane, 3-methyl-	100	C7H16	000589-34-4	81
4		Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	59
5		Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081418\
Data File : VW004656.D
Acq On : 13 Aug 2018 19:18
Operator : SY/AP
Sample : J4450-07
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAB06

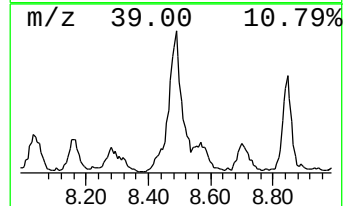
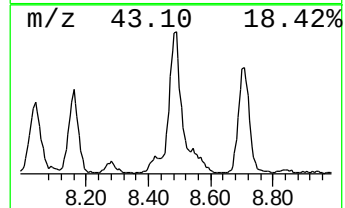
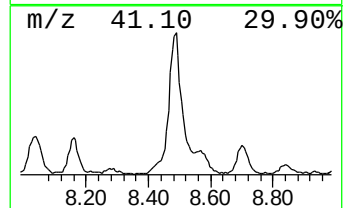
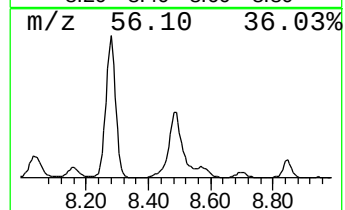
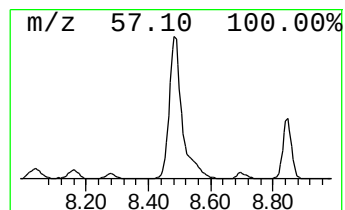
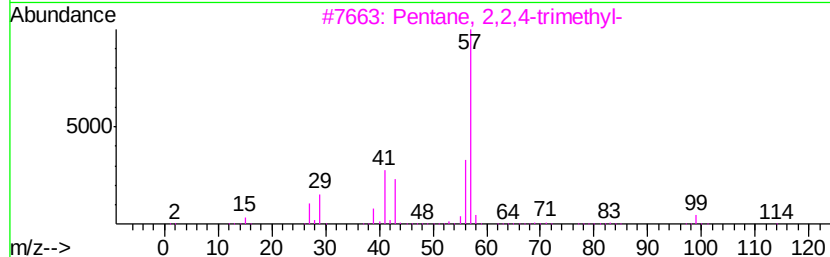
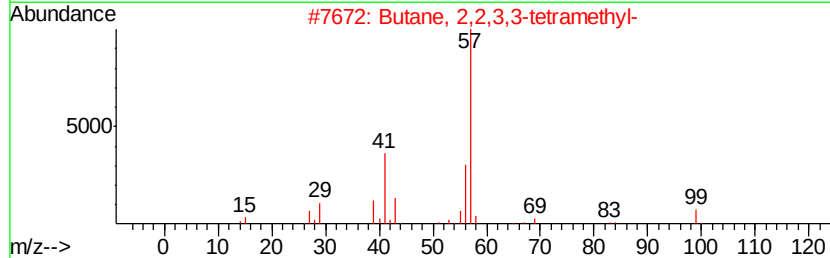
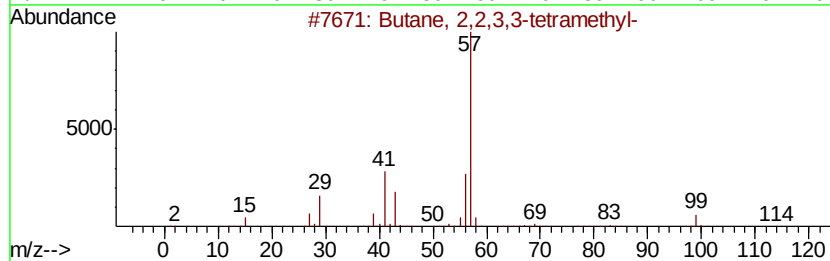
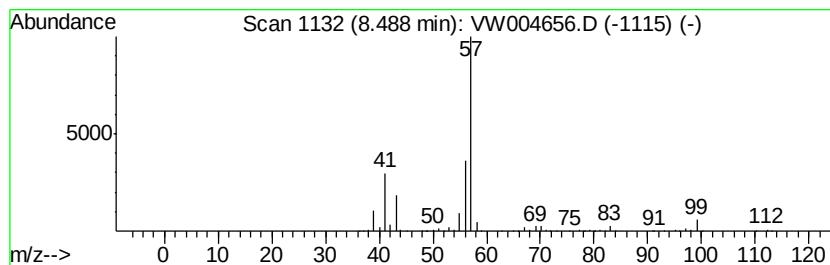
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	8.94 ug/L	731073	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
2		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
3		Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
4		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
5		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081418\
Data File : VW004656.D
Acq On : 13 Aug 2018 19:18
Operator : SY/AP
Sample : J4450-07
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
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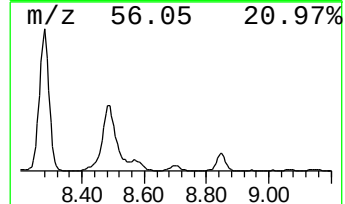
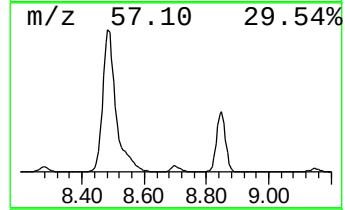
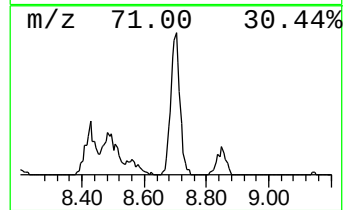
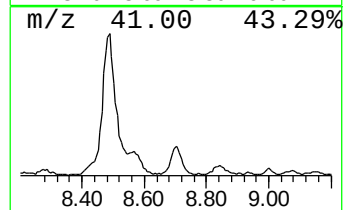
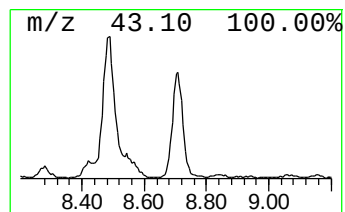
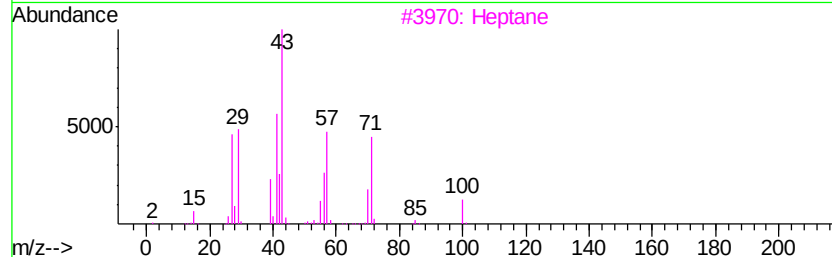
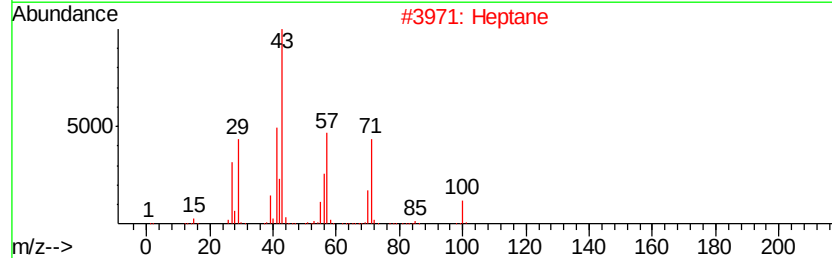
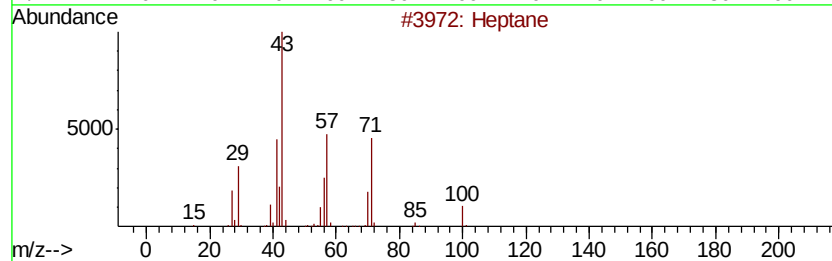
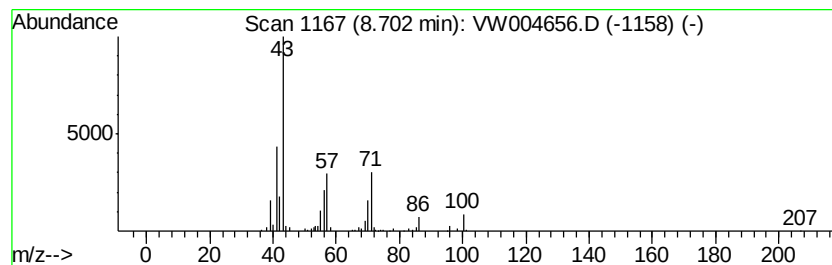
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	1.40 ug/L	114178	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	81
2		Heptane	100	C7H16	000142-82-5	81
3		Heptane	100	C7H16	000142-82-5	74
4		Heptane	100	C7H16	000142-82-5	64
5		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081418\
Data File : VW004656.D
Acq On : 13 Aug 2018 19:18
Operator : SY/AP
Sample : J4450-07
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

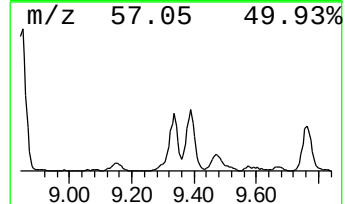
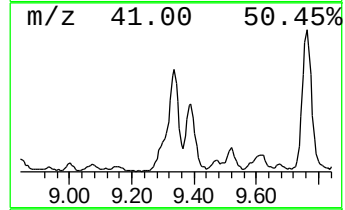
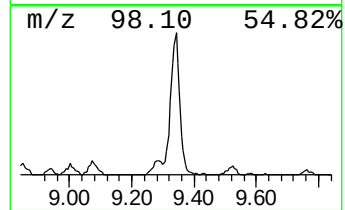
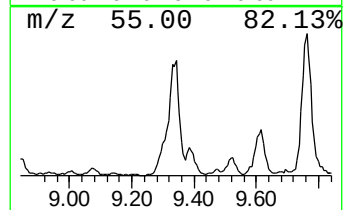
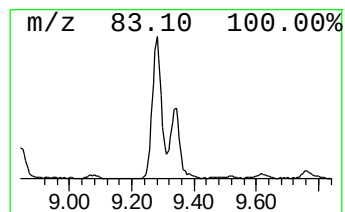
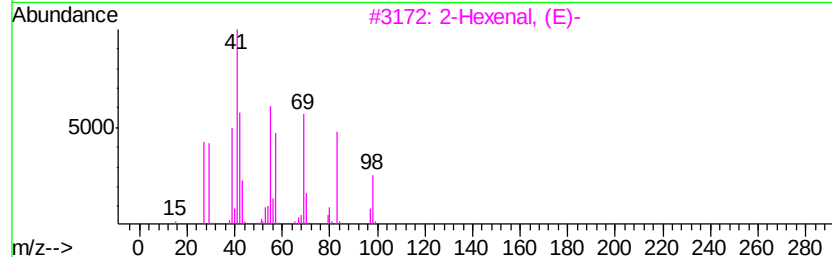
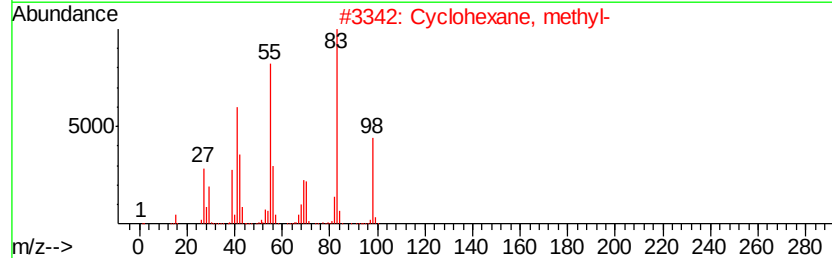
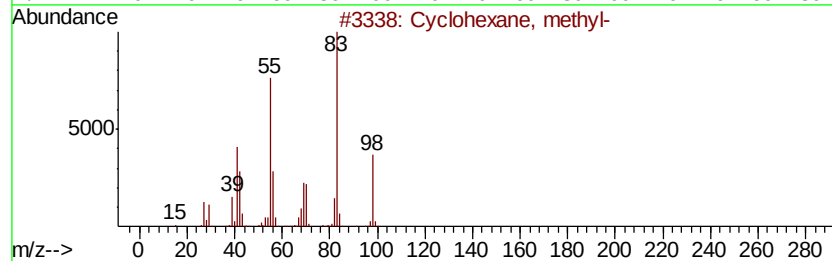
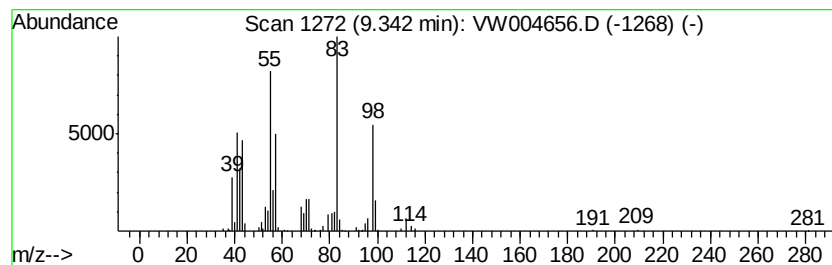
Instrument :
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Cyclic9.34 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.34	3.85 ug/L	315125	1,4-Difluorobenzene	8.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	72
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	72
3	2-Hexenal, (E)-	98	C6H10O	006728-26-3	64
4	1H-Pyrazole, 4,5-dihydro-4,5-dim...	98	C5H10N2	028019-94-5	50
5	1H-Pyrazole, 3-ethyl-4,5-dihydro-	98	C5H10N2	005920-29-6	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081418\
Data File : VW004656.D
Acq On : 13 Aug 2018 19:18
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Sample : J4450-07
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ALS Vial : 1 Sample Multiplier: 1

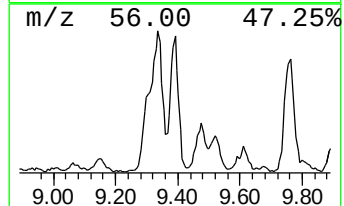
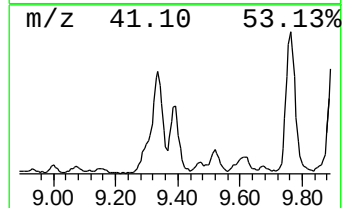
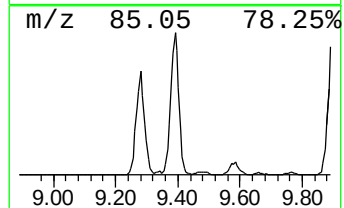
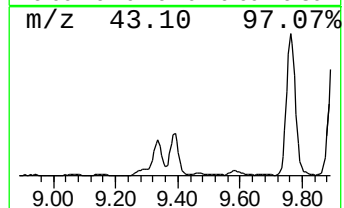
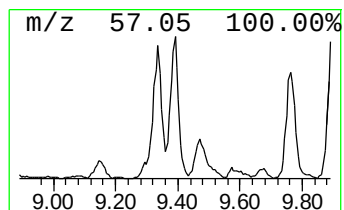
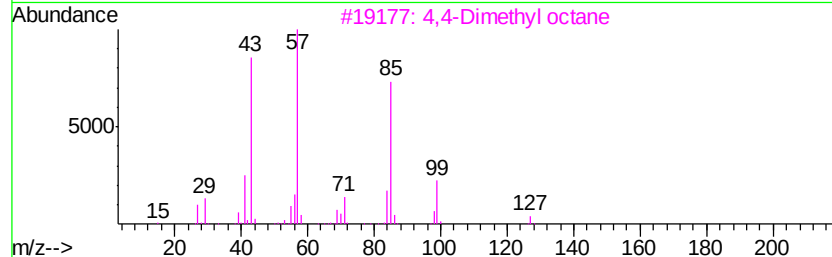
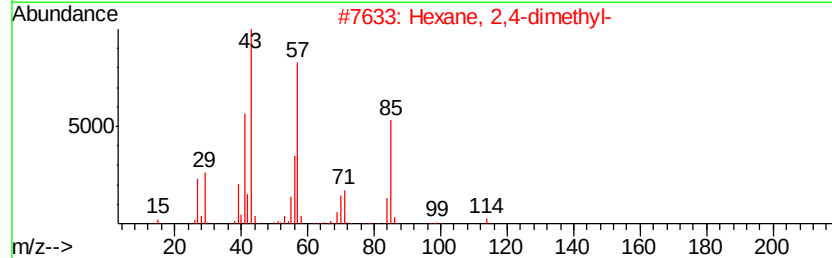
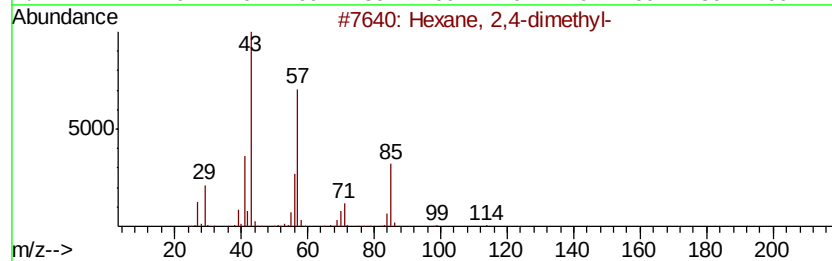
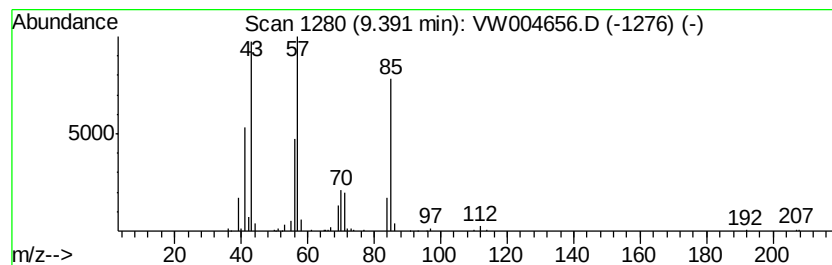
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	2.23 ug/L	182214	1,4-Difluorobenzene	8.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexane, 2,4-dimethyl-	114 C8H18	000589-43-5	64
2	Hexane, 2,4-dimethyl-	114 C8H18	000589-43-5	64
3	4,4-Dimethyl octane	142 C10H22	015869-95-1	64
4	Hexane, 1,1'-oxybis-	186 C12H26O	000112-58-3	59
5	Heptane, 4,4-dimethyl-	128 C9H20	001068-19-5	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081418\
Data File : VW004656.D
Acq On : 13 Aug 2018 19:18
Operator : SY/AP
Sample : J4450-07
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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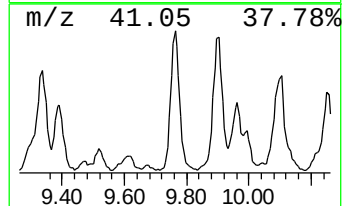
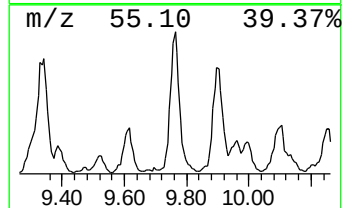
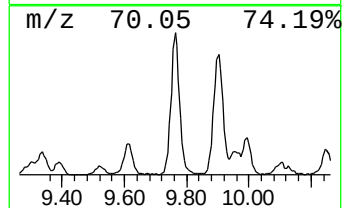
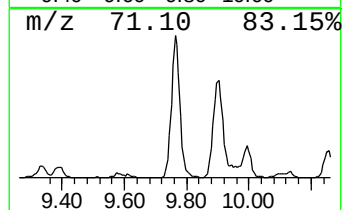
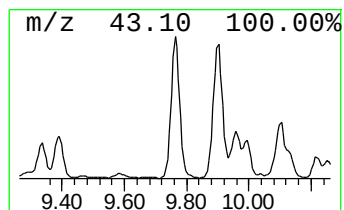
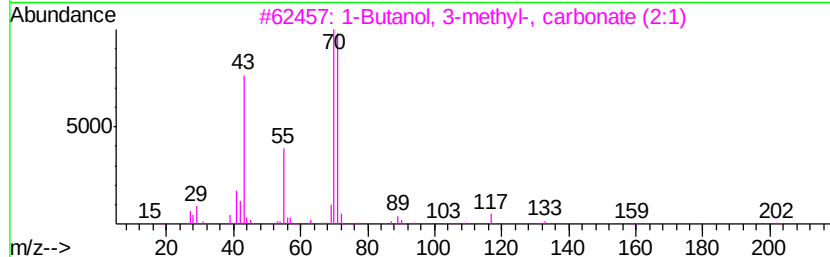
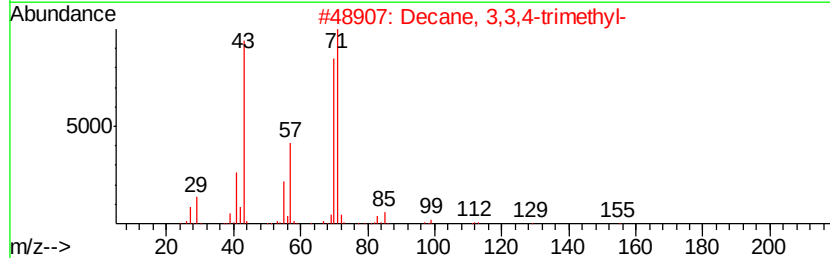
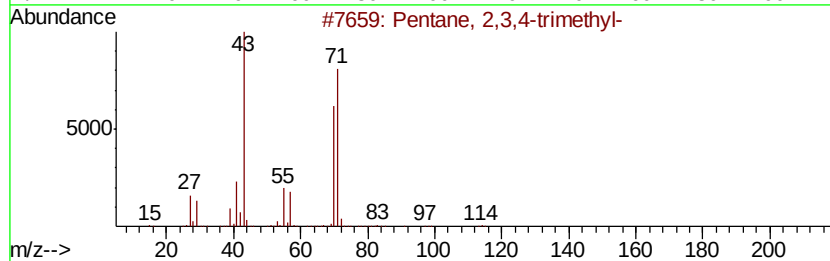
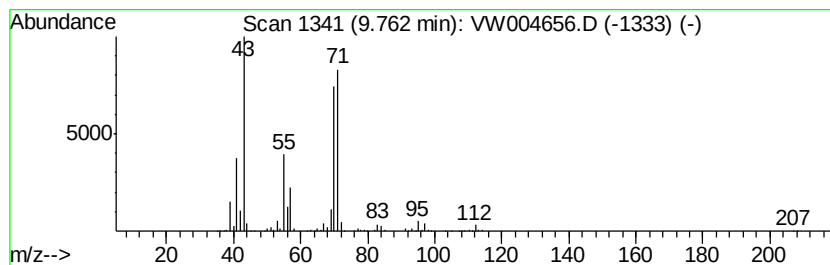
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	6.47 ug/L	529374	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	80
2		Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	72
3		1-Butanol, 3-methyl-, carbonate ...	202	C11H22O3	002050-95-5	72
4		Heptane, 4-methyl-	114	C8H18	000589-53-7	72
5		3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081418\
Data File : VW004656.D
Acq On : 13 Aug 2018 19:18
Operator : SY/AP
Sample : J4450-07
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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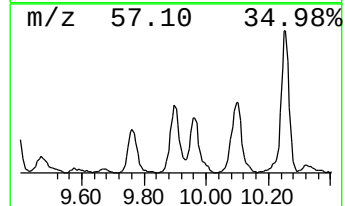
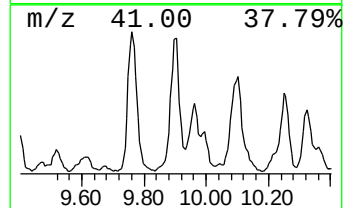
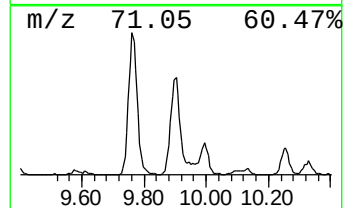
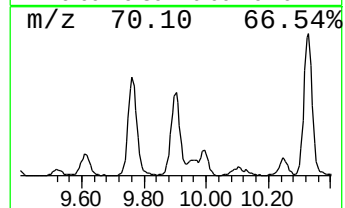
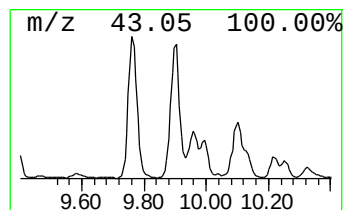
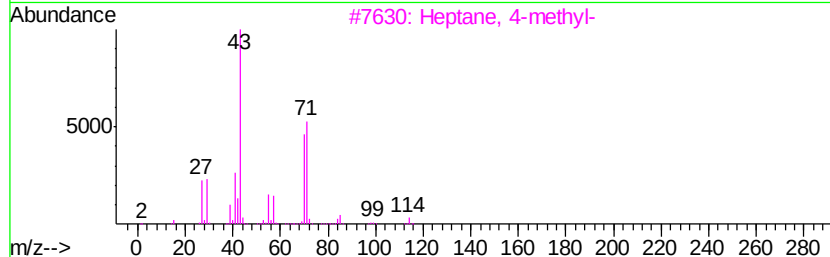
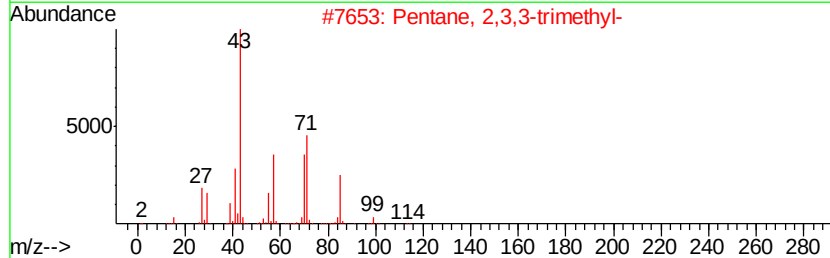
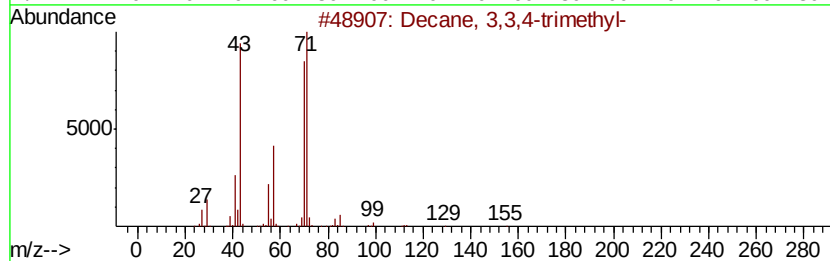
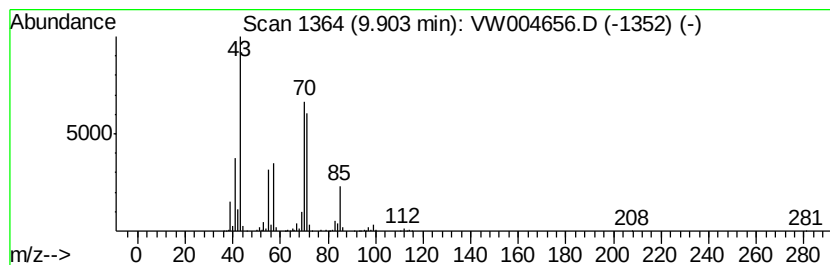
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	6.44 ug/L	526492	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	59
2		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	59
3		Heptane, 4-methyl-	114	C8H18	000589-53-7	59
4		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	59
5		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081418\
Data File : VW004656.D
Acq On : 13 Aug 2018 19:18
Operator : SY/AP
Sample : J4450-07
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAB06

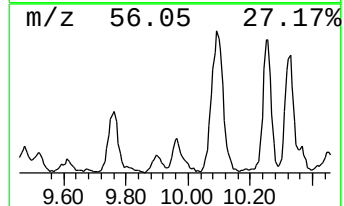
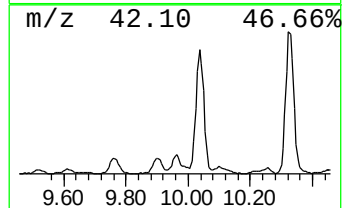
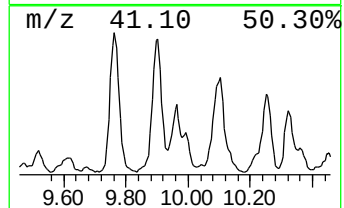
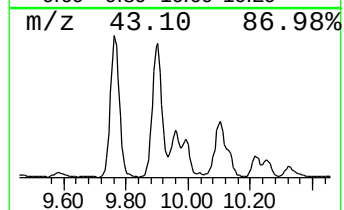
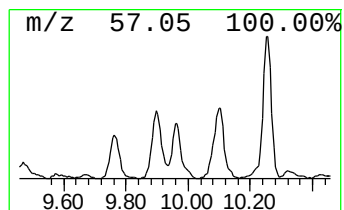
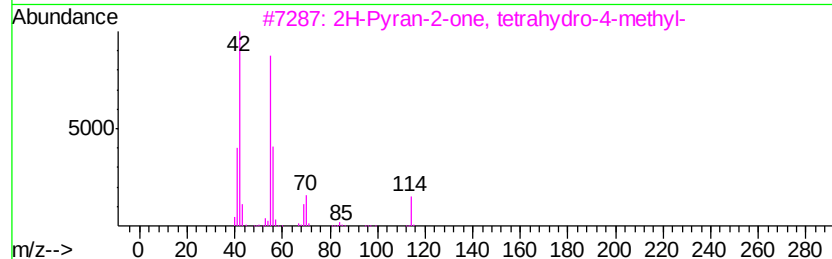
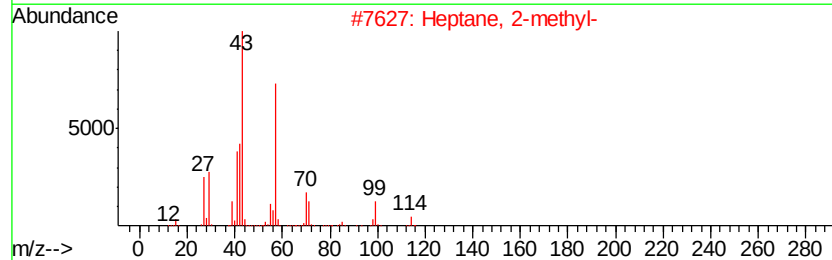
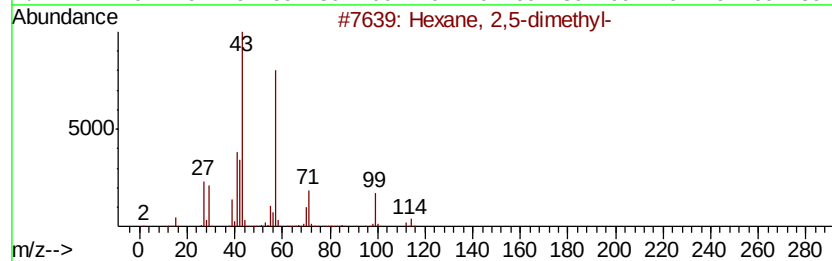
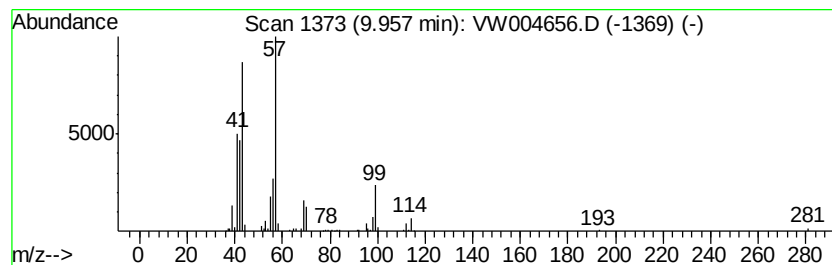
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	1.27 ug/L	103507	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	64
2			Heptane, 2-methyl-	114	C8H18	000592-27-8	59
3			2H-Pyran-2-one, tetrahydro-4-met...	114	C6H10O2	001121-84-2	47
4			Heptane, 2-methyl-	114	C8H18	000592-27-8	47
5			Heptane, 2-methyl-	114	C8H18	000592-27-8	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081418\
Data File : VW004656.D
Acq On : 13 Aug 2018 19:18
Operator : SY/AP
Sample : J4450-07
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAB06

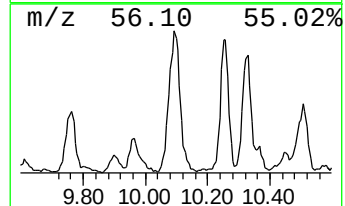
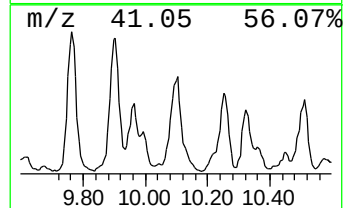
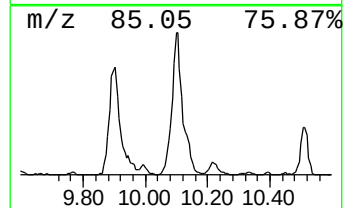
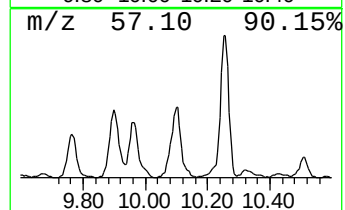
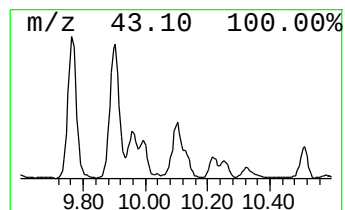
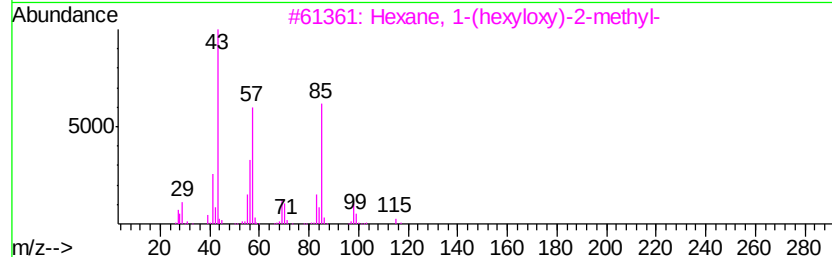
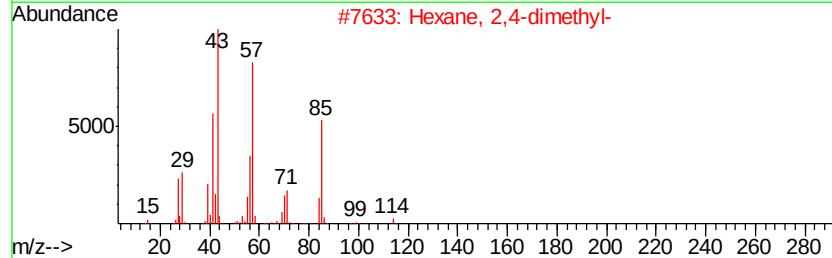
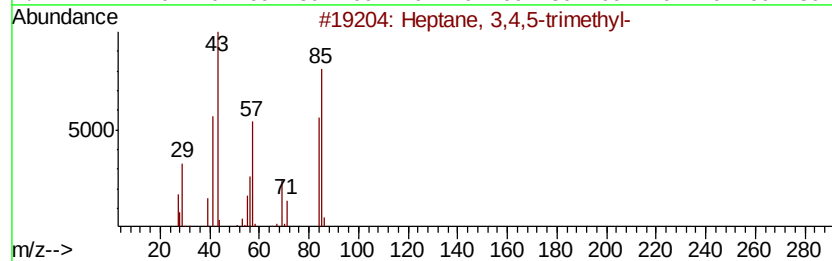
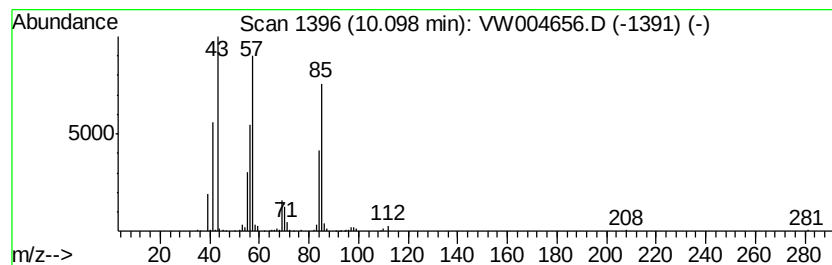
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Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	4.29 ug/L	350584	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	72
2		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
3		Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	59
4		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
5		Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081418\
Data File : VW004656.D
Acq On : 13 Aug 2018 19:18
Operator : SY/AP
Sample : J4450-07
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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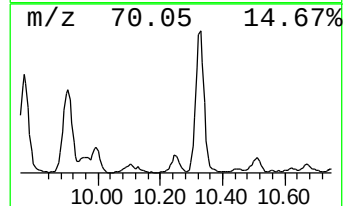
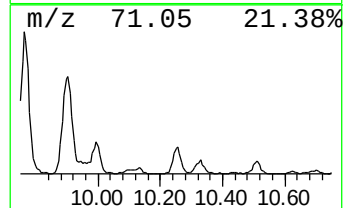
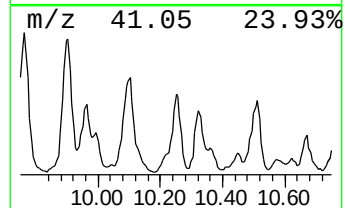
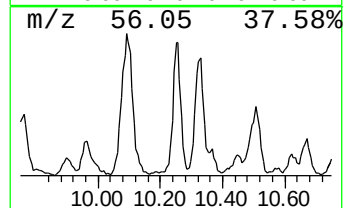
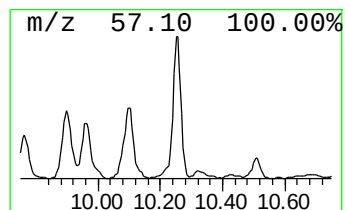
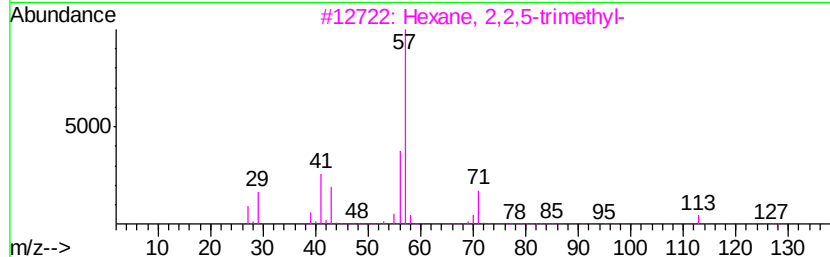
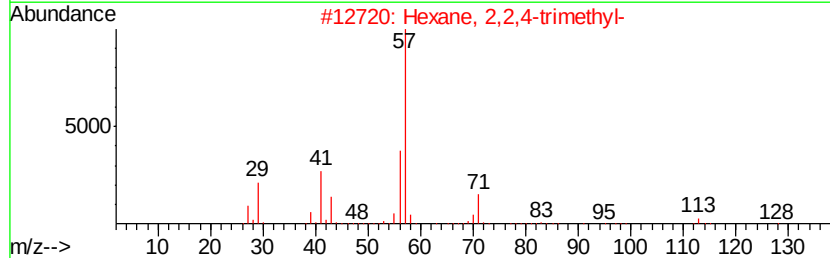
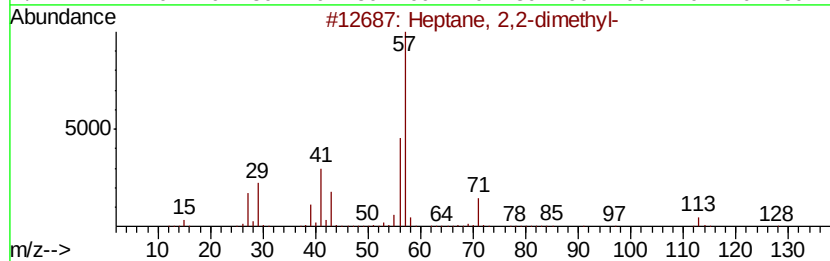
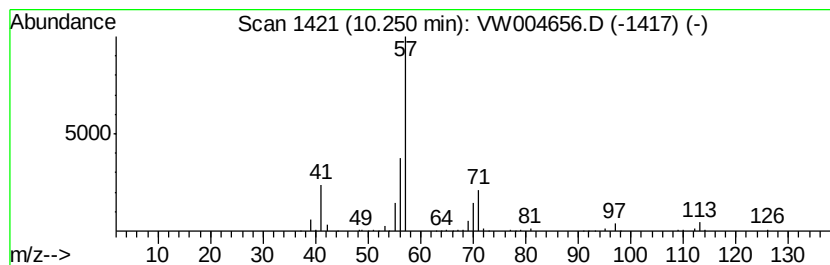
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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	2.08 ug/L	209687	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	59
2			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
3			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	50
4			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	38
5			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081418\
Data File : VW004656.D
Acq On : 13 Aug 2018 19:18
Operator : SY/AP
Sample : J4450-07
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

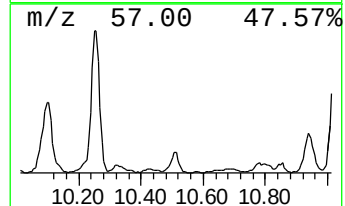
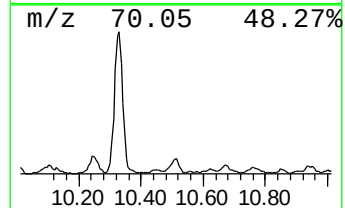
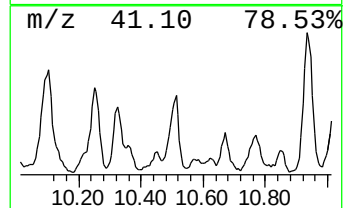
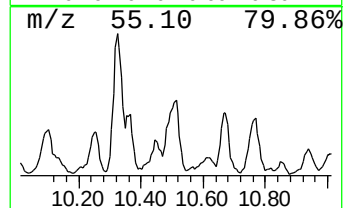
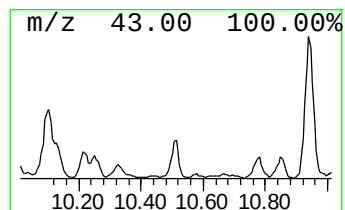
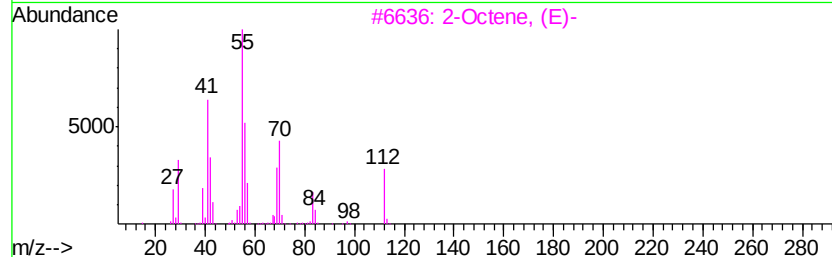
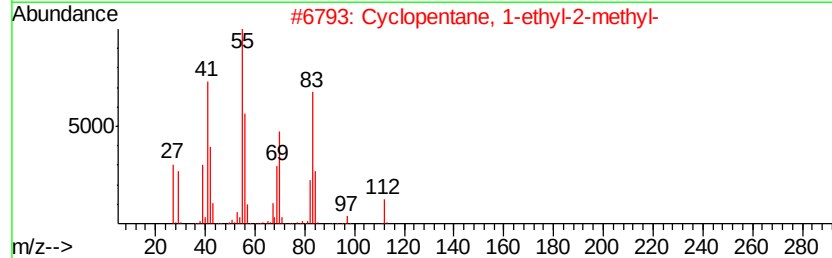
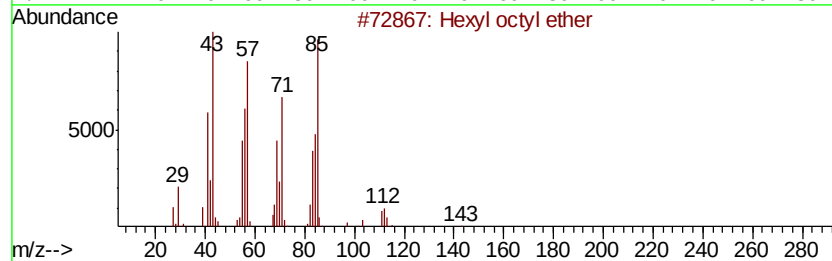
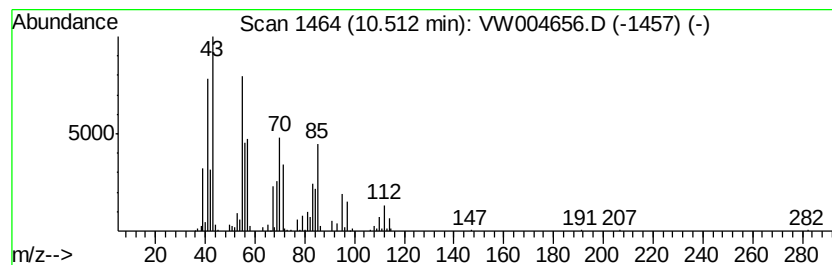
Instrument :
MSVOA_W
ClientSampleId :
GAB06

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis

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

Peak Number 16 Hexyl octyl ether Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.51	2.33 ug/L	235391	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexyl octyl ether	214	C14H30O	017071-54-4	50
2		Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	43
3		2-Octene, (E)-	112	C8H16	013389-42-9	43
4		Octane, 2-chloro-	148	C8H17Cl	000628-61-5	43
5		trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081418\
Data File : VW004656.D
Acq On : 13 Aug 2018 19:18
Operator : SY/AP
Sample : J4450-07
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAB06

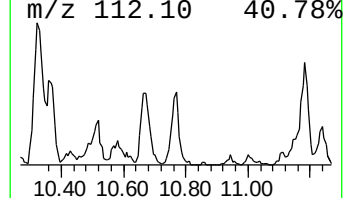
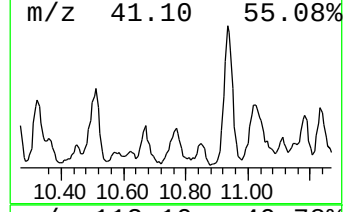
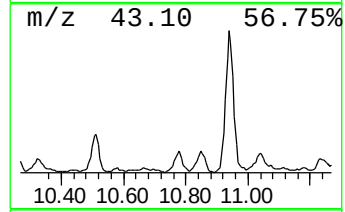
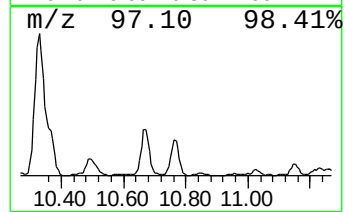
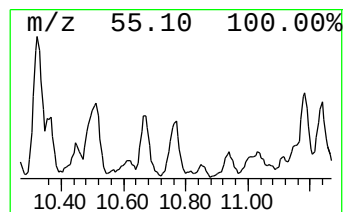
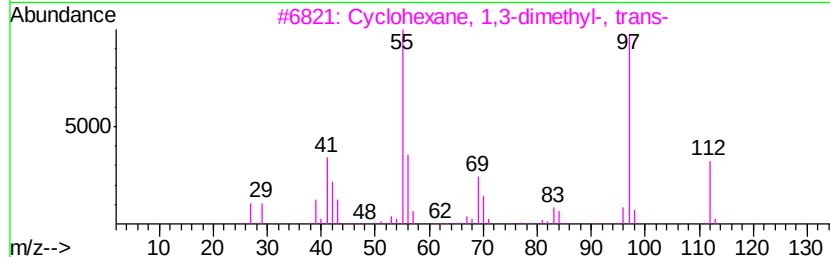
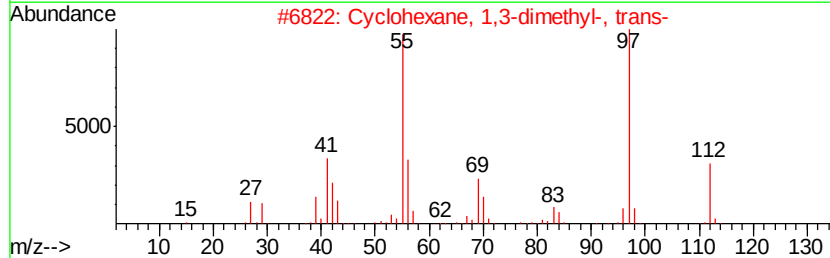
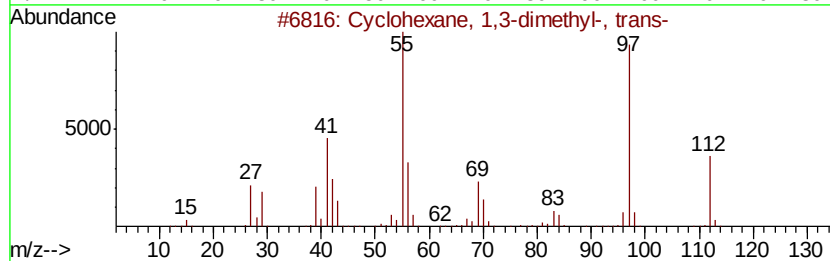
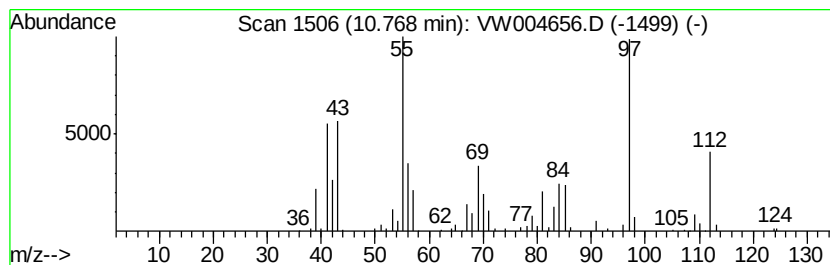
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Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Cyclic10.77 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	1.66 ug/L	167805	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	81
2			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	81
3			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	81
4			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	64
5			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081418\
Data File : VW004656.D
Acq On : 13 Aug 2018 19:18
Operator : SY/AP
Sample : J4450-07
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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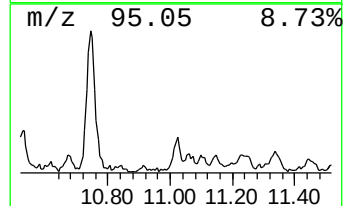
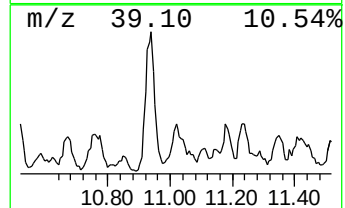
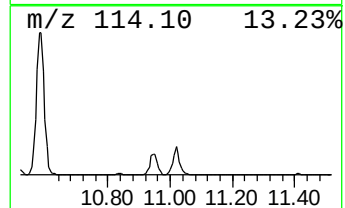
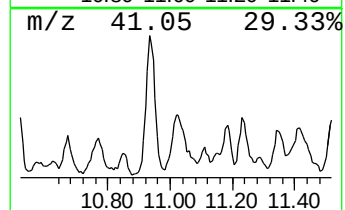
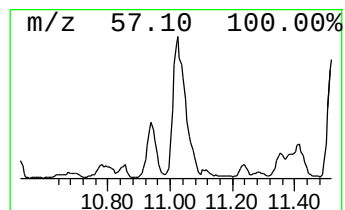
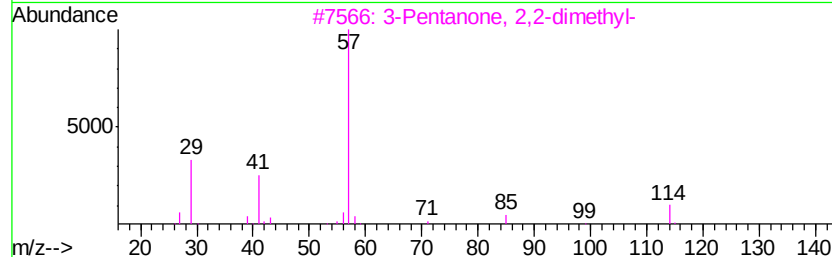
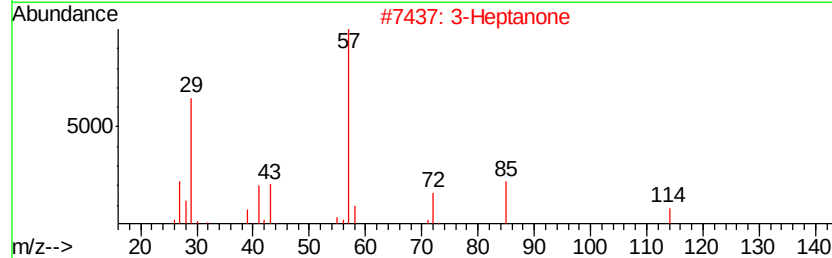
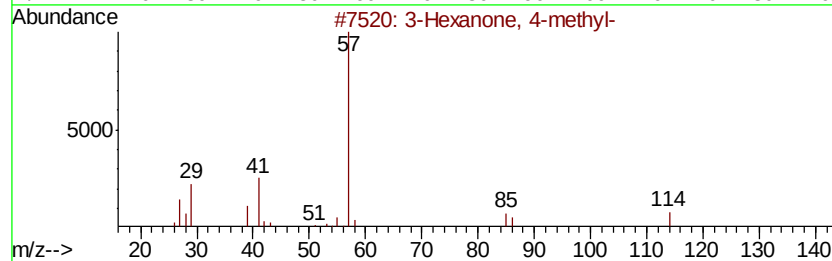
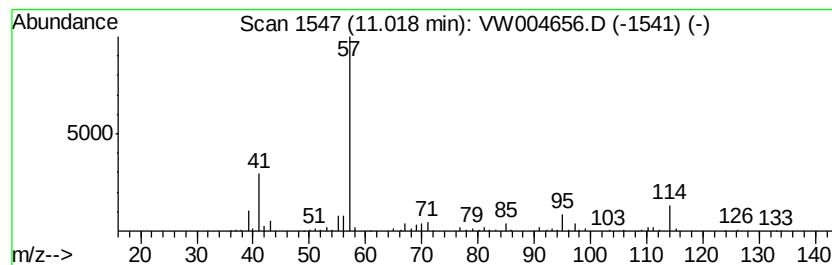
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Quant Title : VOC Analysis

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

Peak Number 18 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	2.06 ug/L	208484	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Hexanone, 4-methyl-	114	C7H14O	017042-16-9	35
2			3-Heptanone	114	C7H14O	000106-35-4	35
3			3-Pentanone, 2,2-dimethyl-	114	C7H14O	000564-04-5	35
4			3-Pentanone, 2,2-dimethyl-	114	C7H14O	000564-04-5	27
5			2-Methyl-1-undecanol	186	C12H26O	010522-26-6	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081418\
Data File : VW004656.D
Acq On : 13 Aug 2018 19:18
Operator : SY/AP
Sample : J4450-07
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

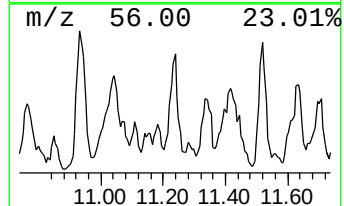
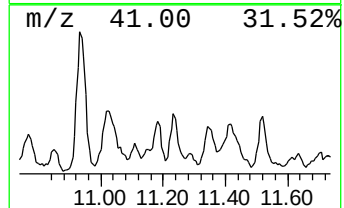
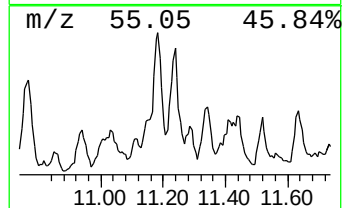
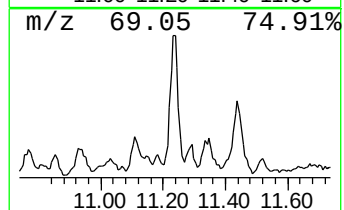
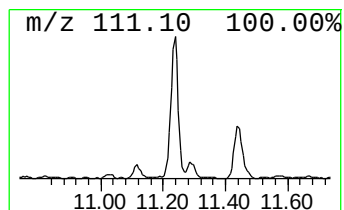
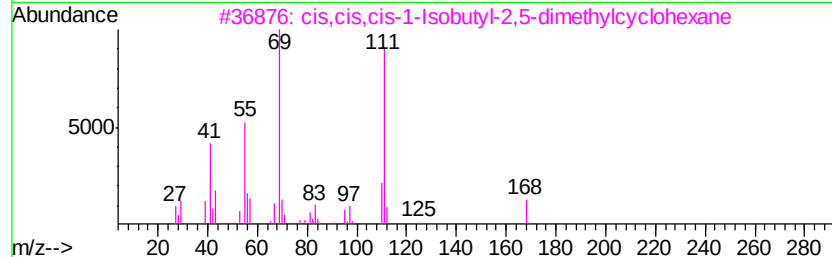
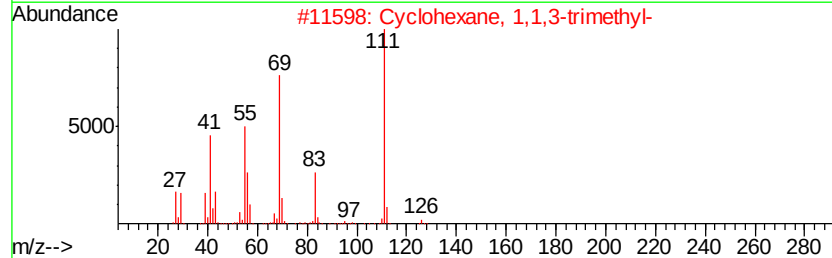
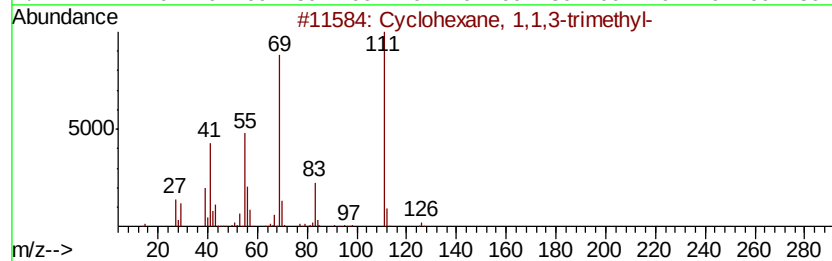
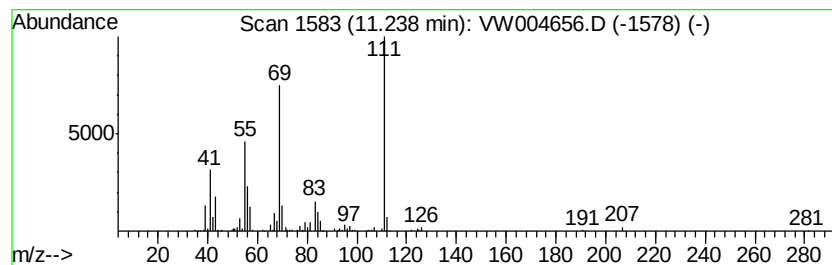
Instrument :
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ClientSampleId :
GAB06

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis

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

Peak Number 19 (DEL) Alkane: Cyclic11.24 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.24	1.76 ug/L	178177	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	86
3	cis,cis,cis-1-Isobutyl-2,5-dimet...	168	C12H24	1000113-60-0	78
4	6-Methyl-hept-2-yn-4-ol	126	C8H14O	060018-69-1	72
5	1,3-Dimethyl-(3,7-dimethyloctyl)...	252	C18H36	1000113-02-4	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081418\
Data File : VW004656.D
Acq On : 13 Aug 2018 19:18
Operator : SY/AP
Sample : J4450-07
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

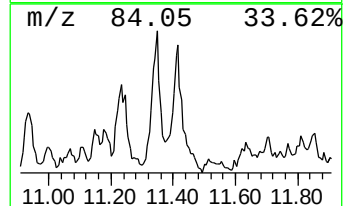
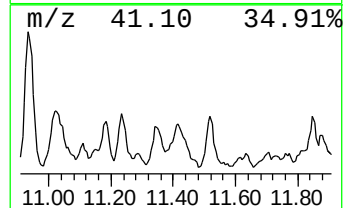
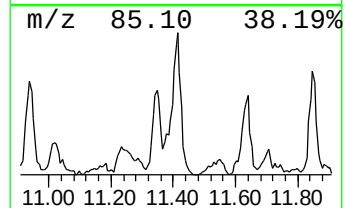
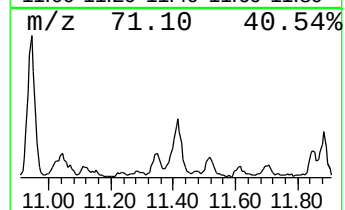
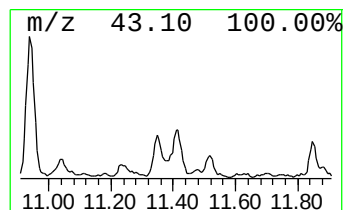
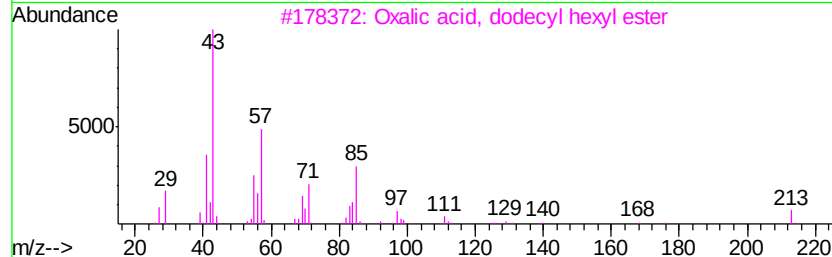
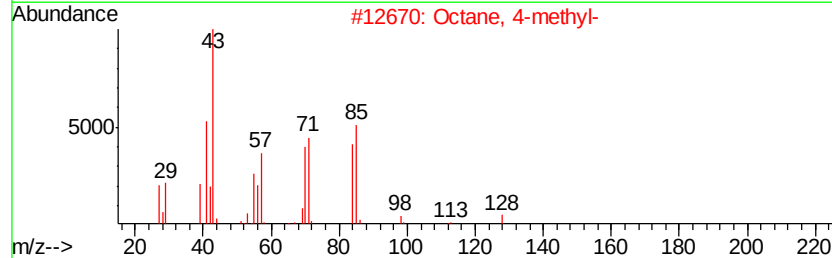
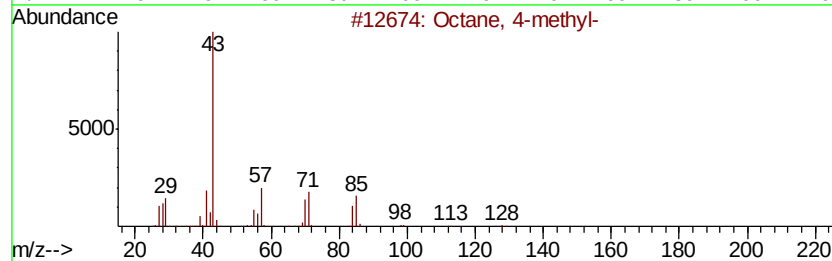
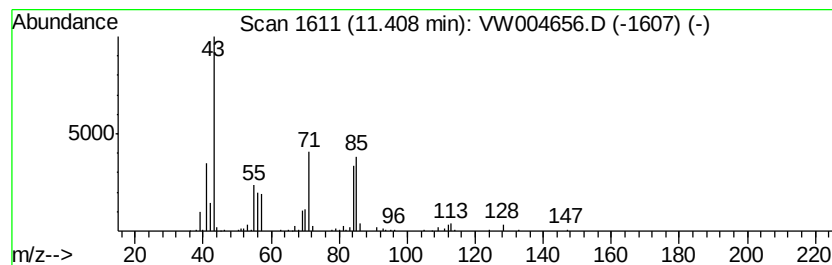
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis

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.		
11.41	2.22 ug/L	223832	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 4-methyl-	128	C9H20	002216-34-4	80
2		Octane, 4-methyl-	128	C9H20	002216-34-4	64
3		Oxalic acid, dodecyl hexyl ester	342	C20H38O4	1000309-24-6	53
4		Oxalic acid, hexadecyl hexyl ester	398	C24H46O4	1000309-25-0	50
5		Sulfurous acid, 2-propyl tridecyl...	306	C16H34O3S	1000309-12-4	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081418\
Data File : VW004656.D
Acq On : 13 Aug 2018 19:18
Operator : SY/AP
Sample : J4450-07
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

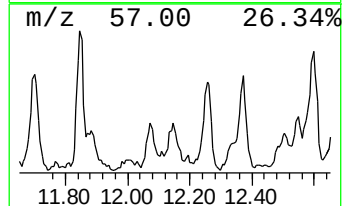
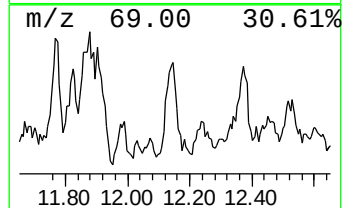
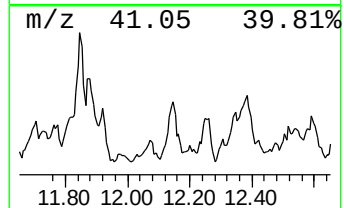
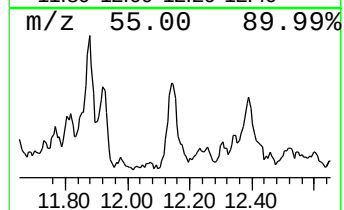
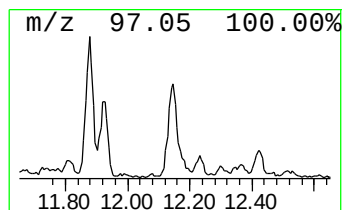
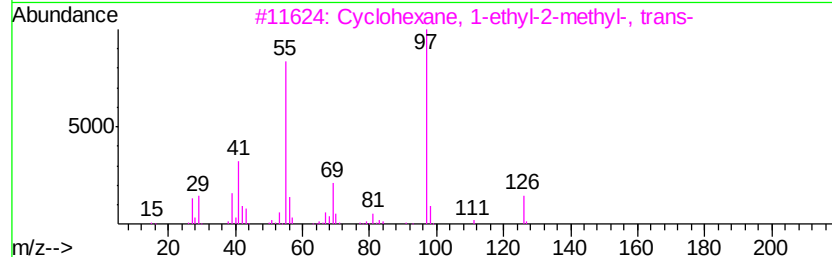
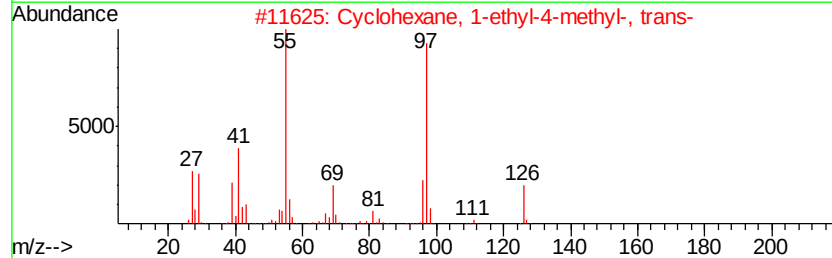
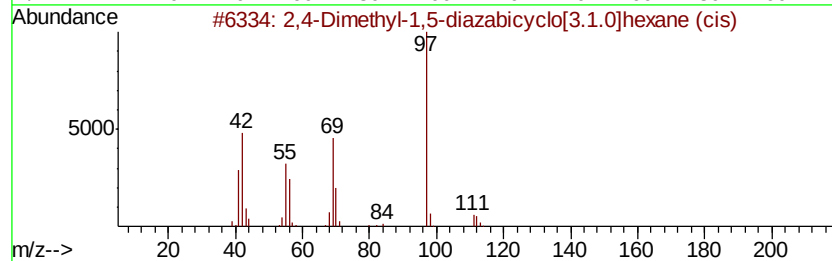
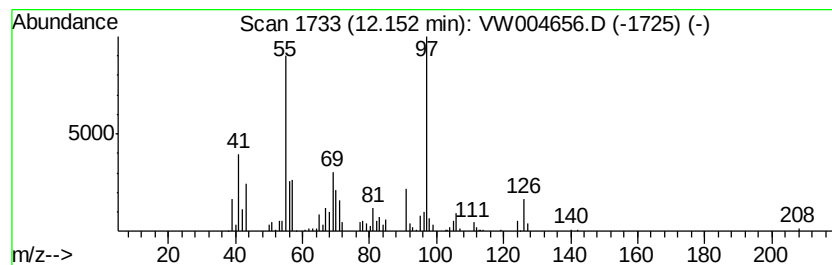
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis

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

Peak Number 22 2,4-Dimethyl-1,5-diazabicyc... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.15	1.37 ug/L	137888	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethyl-1,5-diazabicyclo[3.1.0]hexane (cis)	112	C6H12N2	100463-01-2	64	
2	Cyclohexane, 1-ethyl-4-methyl-, trans-	126	C9H18	006236-88-0	64	
3	Cyclohexane, 1-ethyl-2-methyl-, trans-	126	C9H18	004923-78-8	64	
4	Cyclohexane, 1-ethyl-4-methyl-, trans-	126	C9H18	004926-78-7	64	
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	58	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081418\
Data File : VW004656.D
Acq On : 13 Aug 2018 19:18
Operator : SY/AP
Sample : J4450-07
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

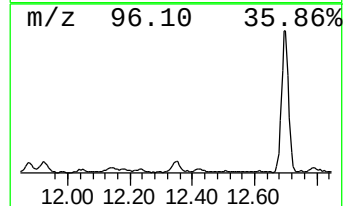
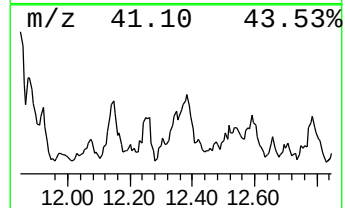
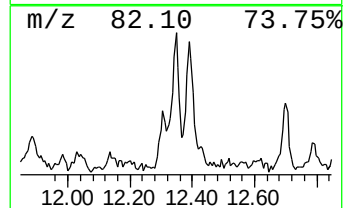
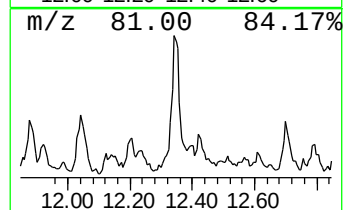
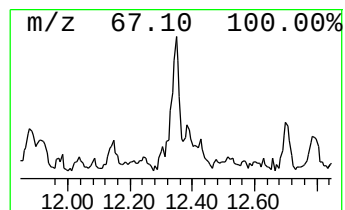
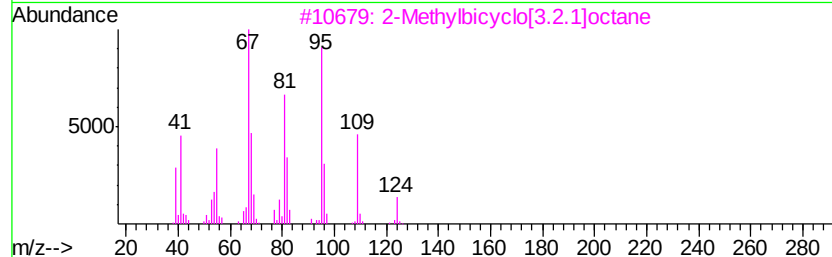
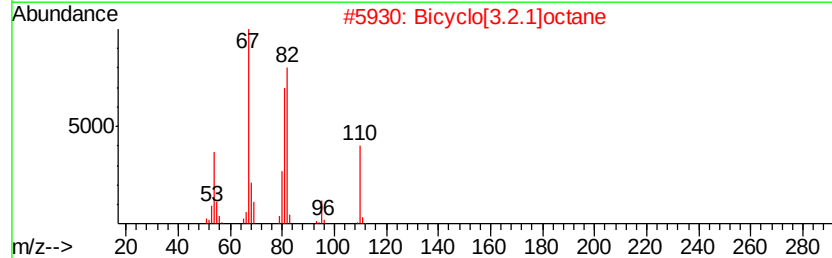
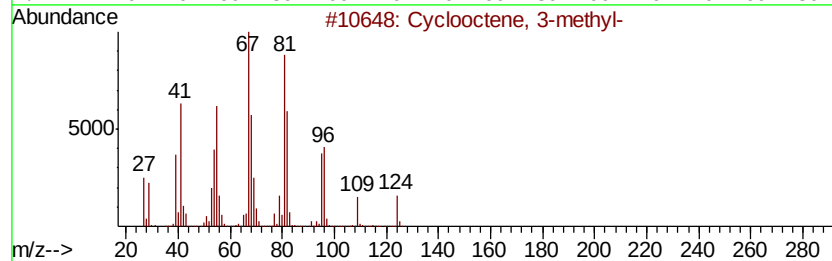
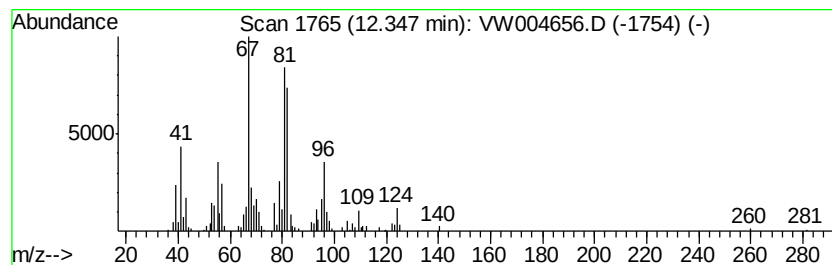
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis

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

Peak Number 23 Cyclooctene, 3-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.35	1.32 ug/L	133520	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	78
2		Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	64
3		2-Methylbicyclo[3.2.1]octane	124	C9H16	1000215-28-0	58
4		Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	53
5		Cyclohexene, 1-nonyl-	208	C15H28	015232-88-9	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081418\
Data File : VW004656.D
Acq On : 13 Aug 2018 19:18
Operator : SY/AP
Sample : J4450-07
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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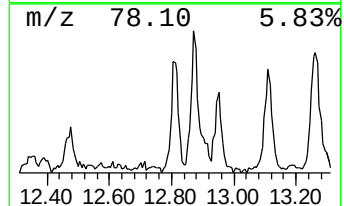
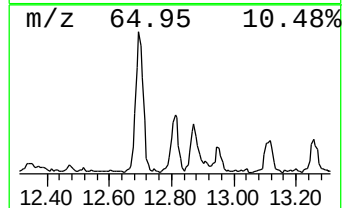
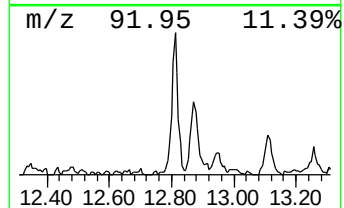
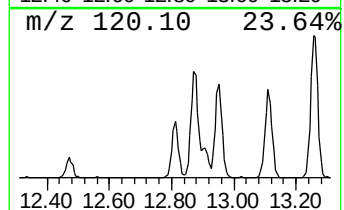
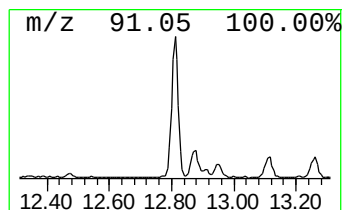
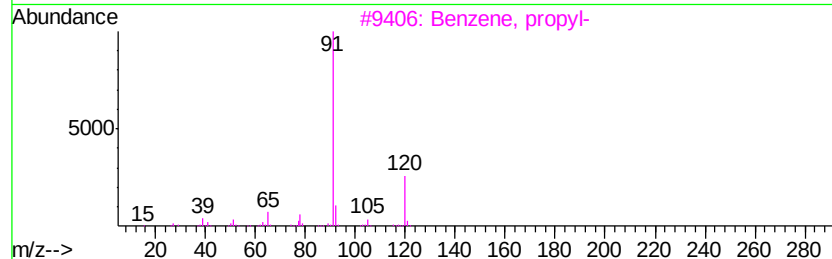
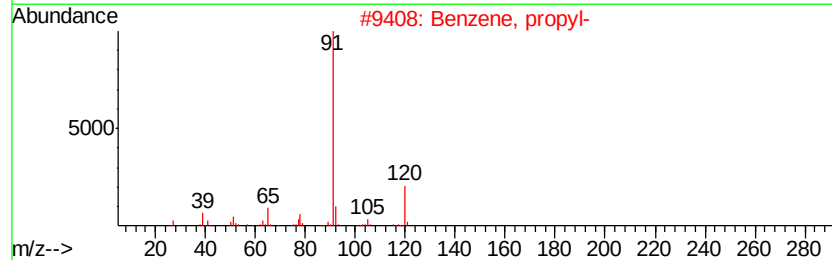
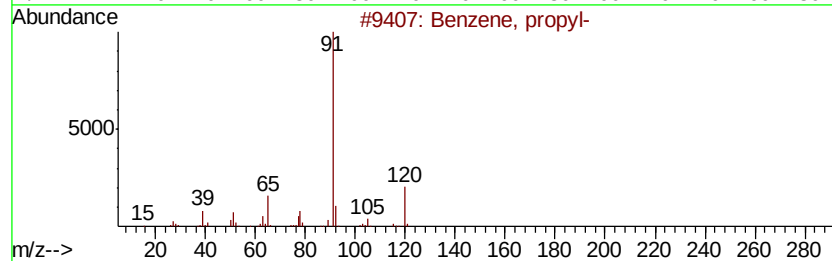
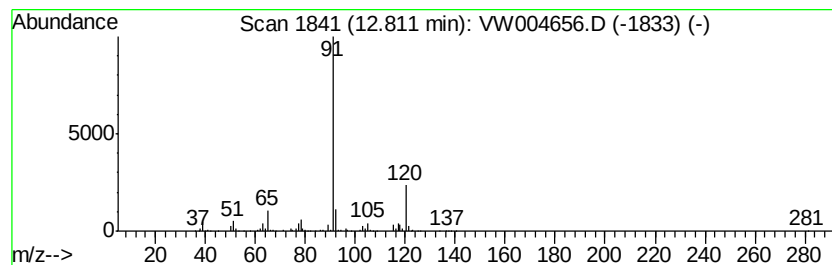
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Quant Title : VOC Analysis

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

Peak Number 24 Benzene, propyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	1.51 ug/L	160070	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	87
2			Benzene, propyl-	120	C9H12	000103-65-1	87
3			Benzene, propyl-	120	C9H12	000103-65-1	83
4			Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5			n-Butylbenzylamine	163	C11H17N	002403-22-7	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081418\
Data File : VW004656.D
Acq On : 13 Aug 2018 19:18
Operator : SY/AP
Sample : J4450-07
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAB06

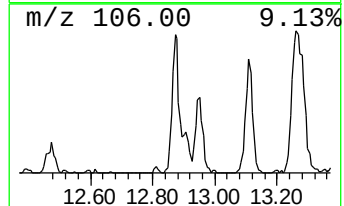
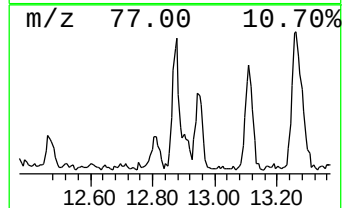
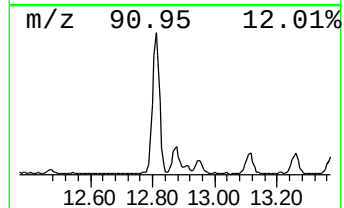
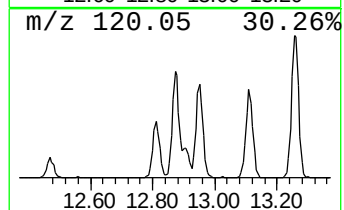
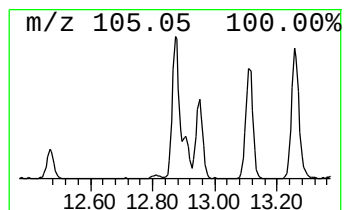
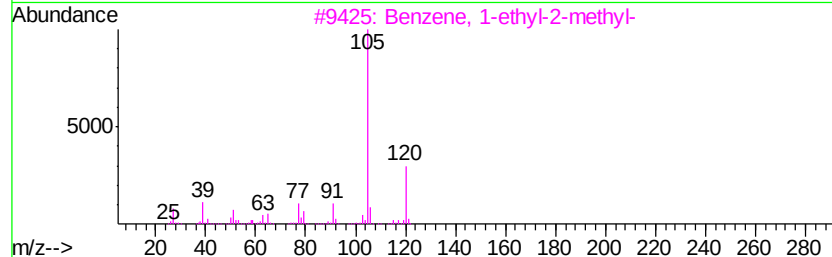
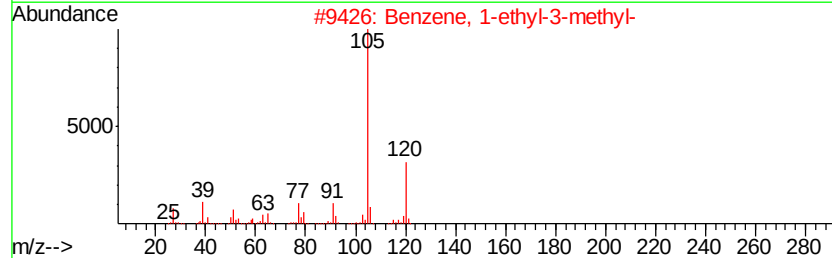
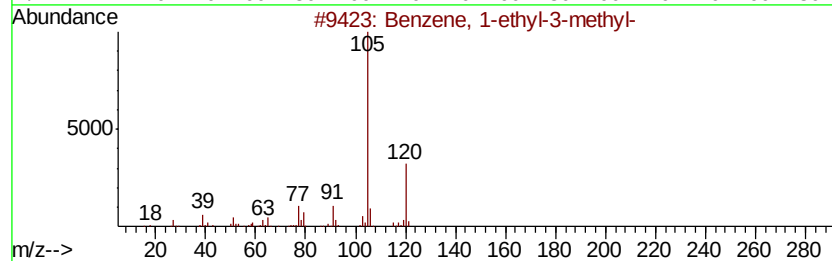
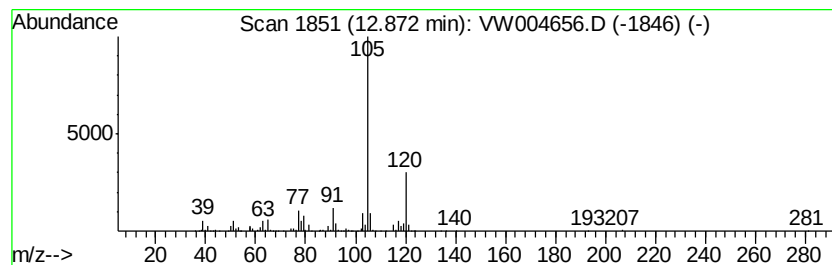
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Quant Title : VOC Analysis

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

Peak Number 25 Benzene, 1-ethyl-3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	2.22 ug/L	235982	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081418\
Data File : VW004656.D
Acq On : 13 Aug 2018 19:18
Operator : SY/AP
Sample : J4450-07
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAB06

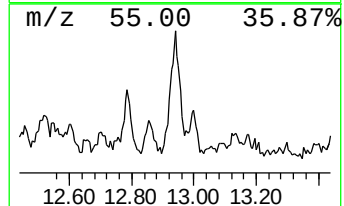
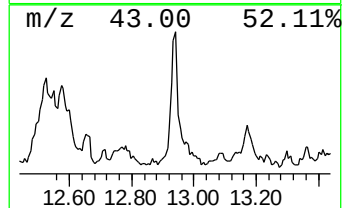
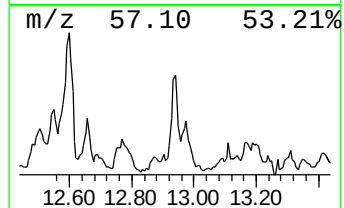
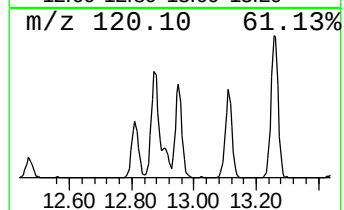
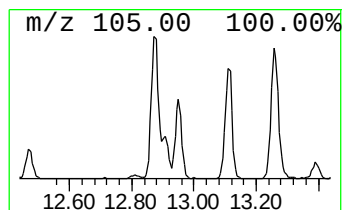
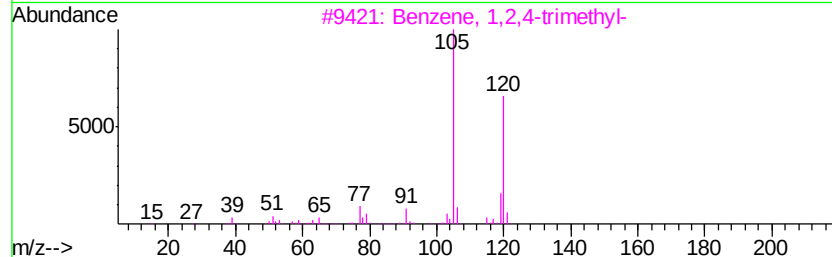
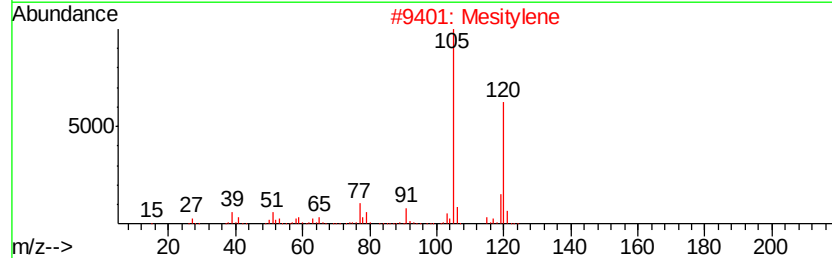
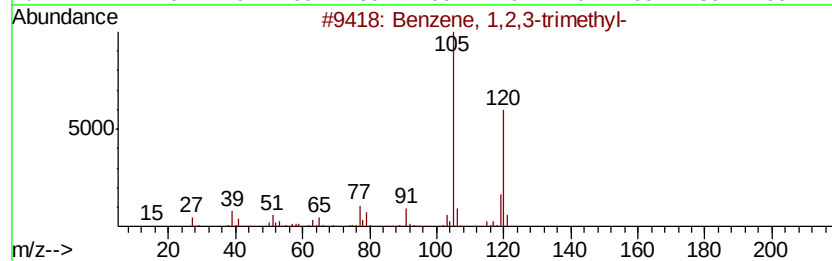
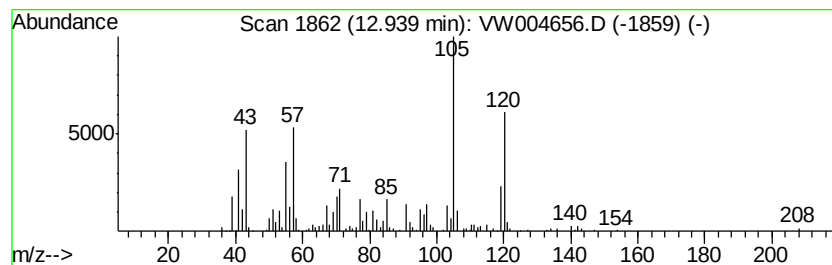
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Quant Title : VOC Analysis

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

Peak Number 26 Benzene, 1,2,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	1.96 ug/L	208550	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2		Mesitylene	120	C9H12	000108-67-8	81
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	81
4		Mesitylene	120	C9H12	000108-67-8	76
5		Mesitylene	120	C9H12	000108-67-8	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081418\
Data File : VW004656.D
Acq On : 13 Aug 2018 19:18
Operator : SY/AP
Sample : J4450-07
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAB06

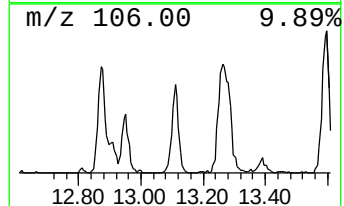
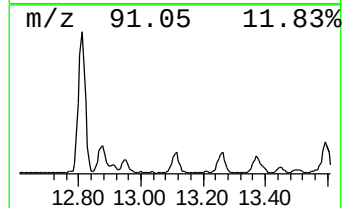
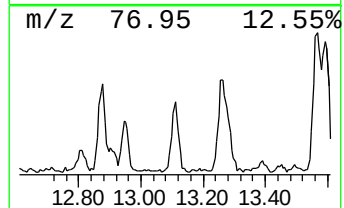
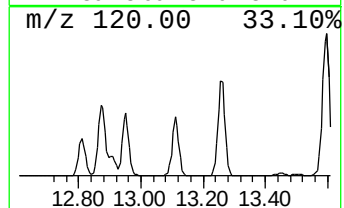
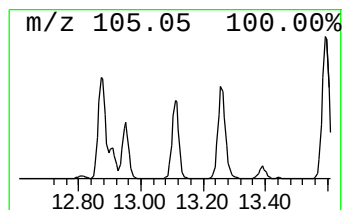
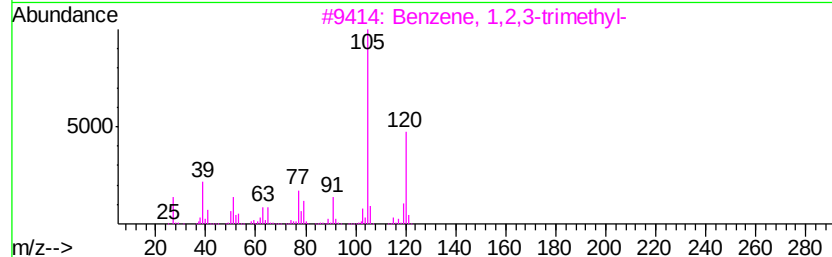
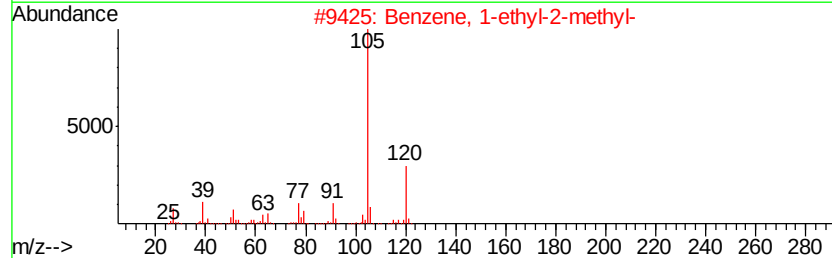
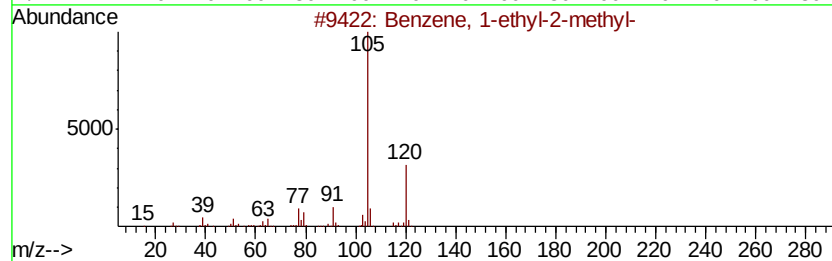
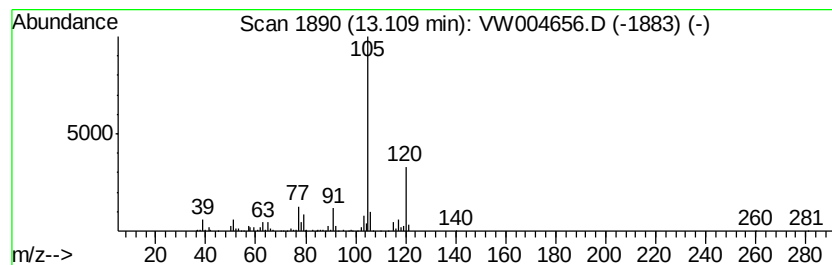
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Quant Title : VOC Analysis

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

Peak Number 27 Benzene, 1-ethyl-2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	1.76 ug/L	186735	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081418\
Data File : VW004656.D
Acq On : 13 Aug 2018 19:18
Operator : SY/AP
Sample : J4450-07
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAB06

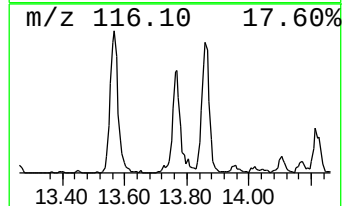
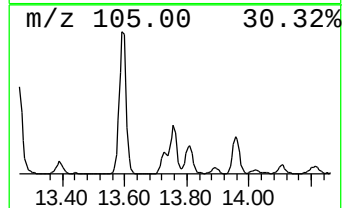
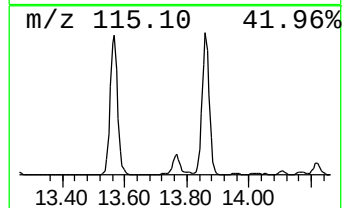
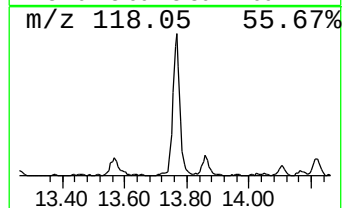
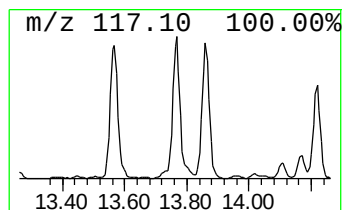
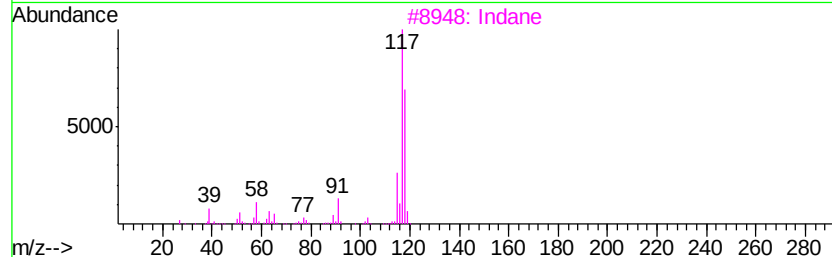
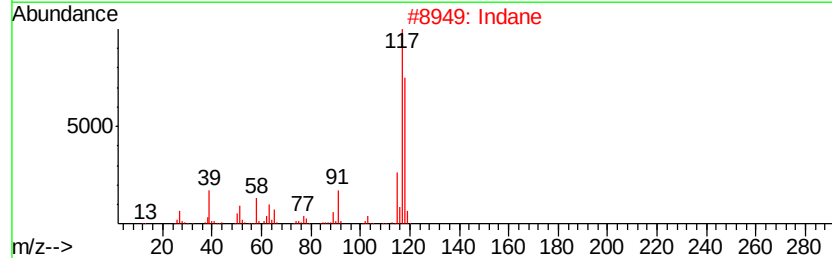
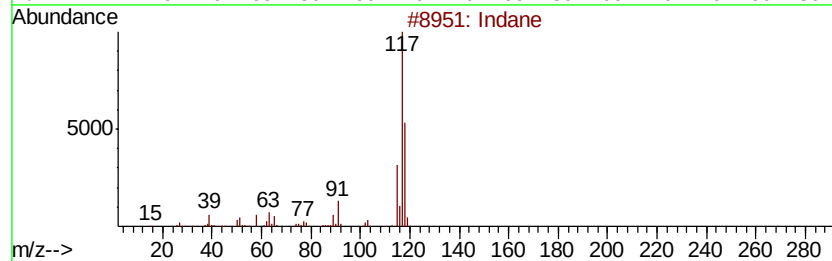
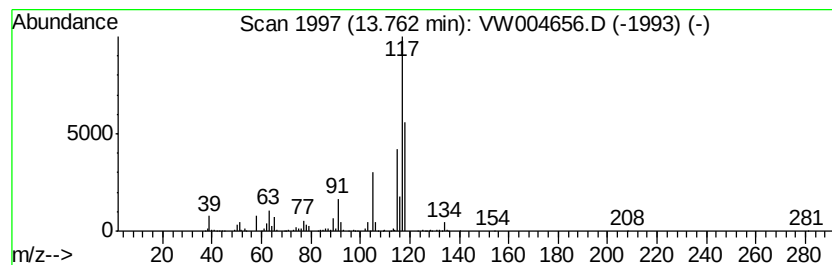
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Quant Title : VOC Analysis

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

Peak Number 29 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	3.16 ug/L	336407	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	64
2		Indane	118	C9H10	000496-11-7	64
3		Indane	118	C9H10	000496-11-7	53
4		Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	50
5		Benzene, cyclopropyl-	118	C9H10	000873-49-4	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081418\
Data File : VW004656.D
Acq On : 13 Aug 2018 19:18
Operator : SY/AP
Sample : J4450-07
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAB06

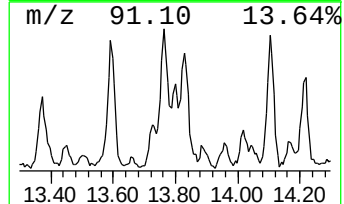
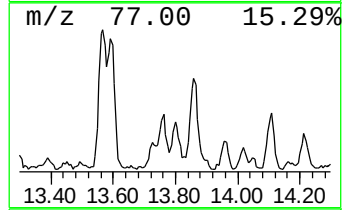
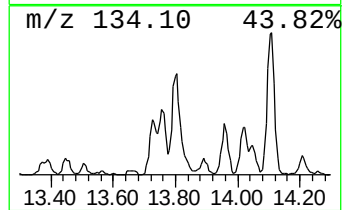
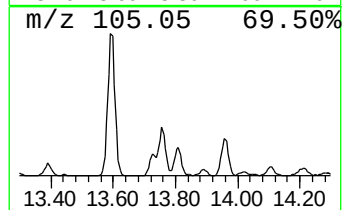
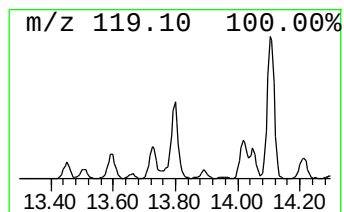
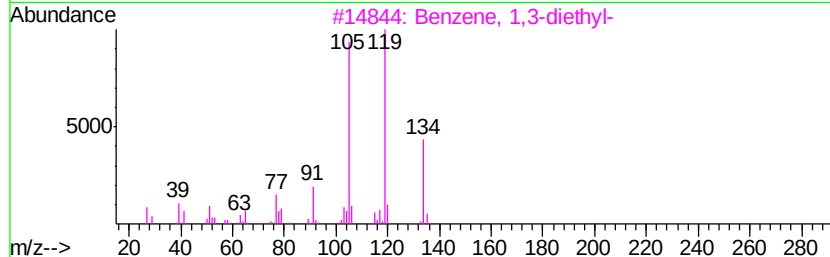
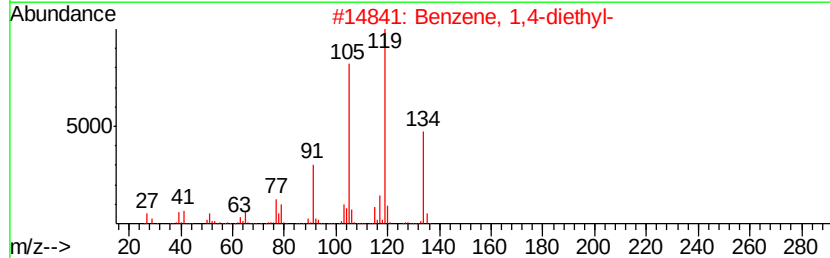
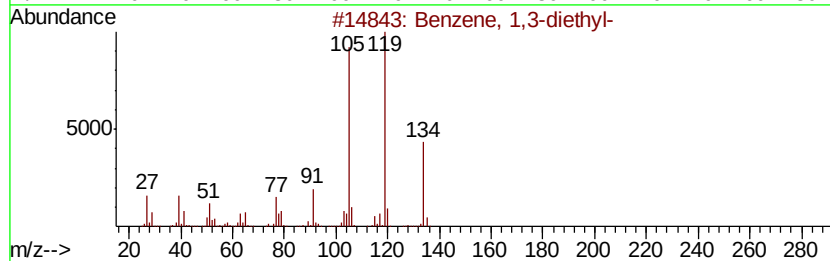
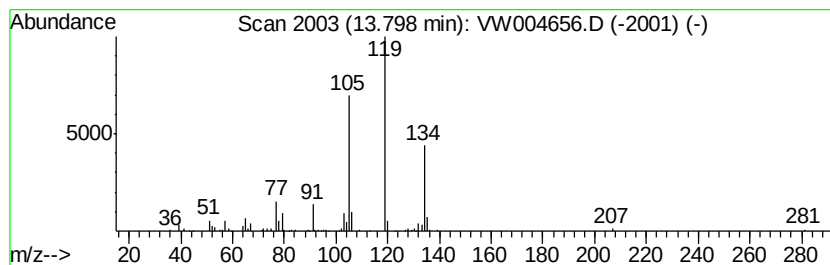
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Quant Title : VOC Analysis

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

Peak Number 30 Benzene, 1,3-diethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	1.30 ug/L	138281	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	86
4		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	86
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081418\
Data File : VW004656.D
Acq On : 13 Aug 2018 19:18
Operator : SY/AP
Sample : J4450-07
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAB06

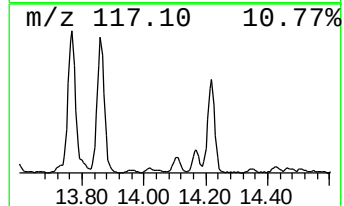
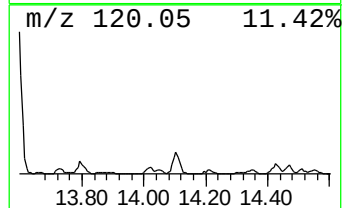
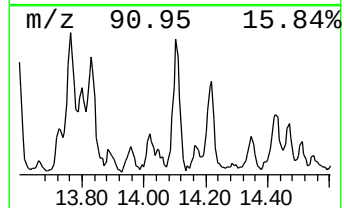
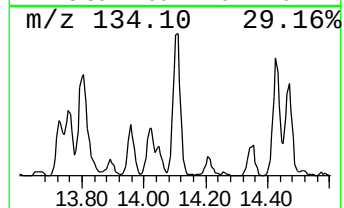
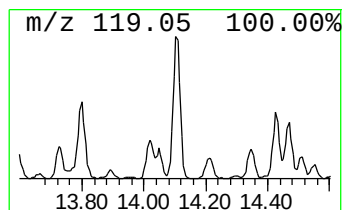
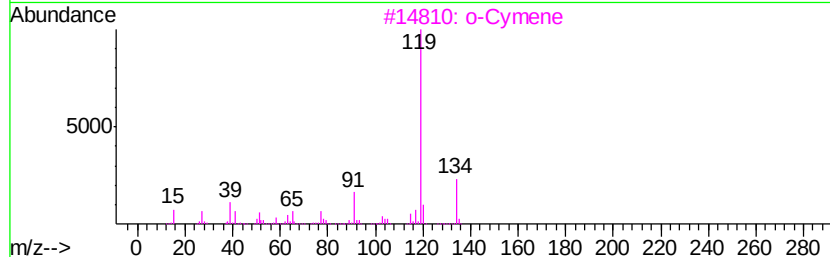
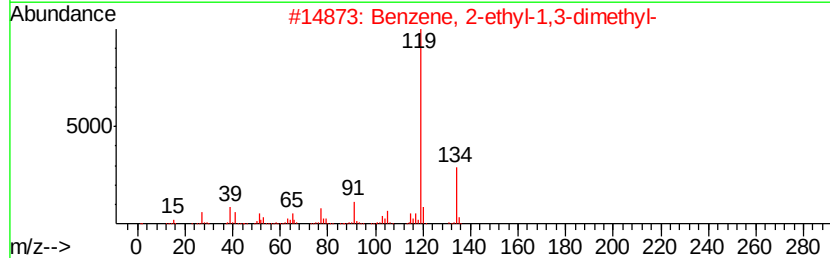
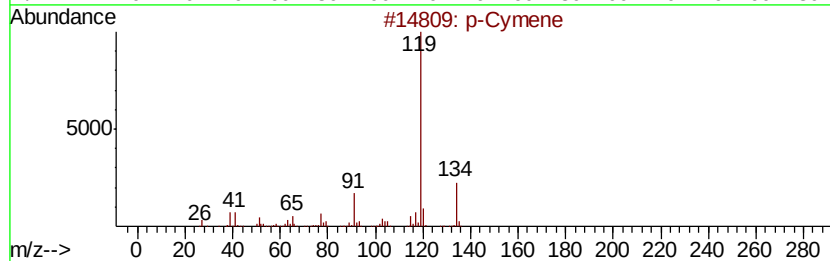
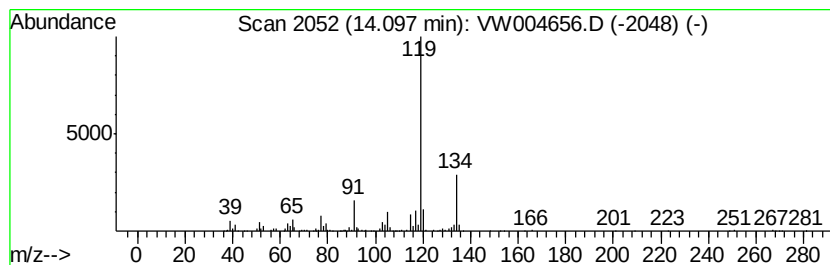
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Quant Title : VOC Analysis

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

Peak Number 31 p-Cymene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	2.01 ug/L	213938	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	95
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
3		o-Cymene	134	C10H14	000527-84-4	94
4		o-Cymene	134	C10H14	000527-84-4	94
5		o-Cymene	134	C10H14	000527-84-4	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081418\
Data File : VW004656.D
Acq On : 13 Aug 2018 19:18
Operator : SY/AP
Sample : J4450-07
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAB06

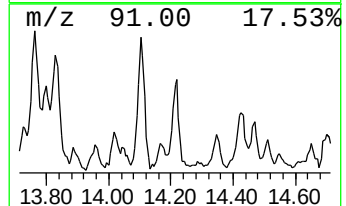
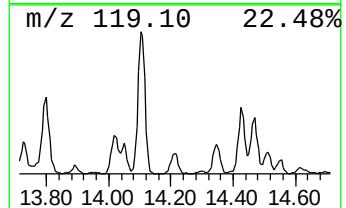
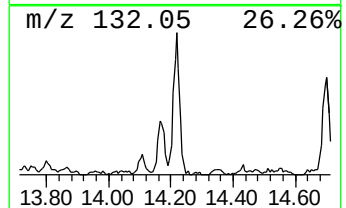
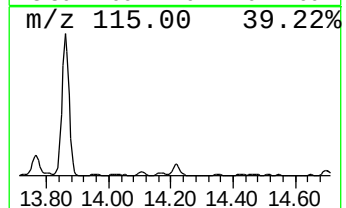
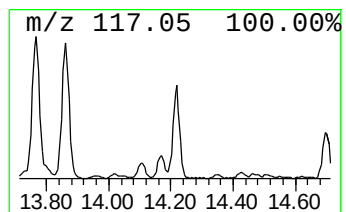
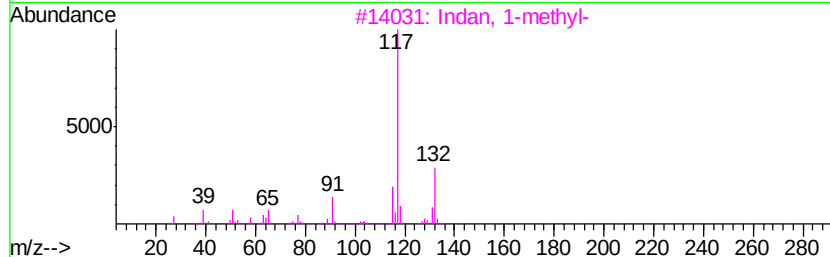
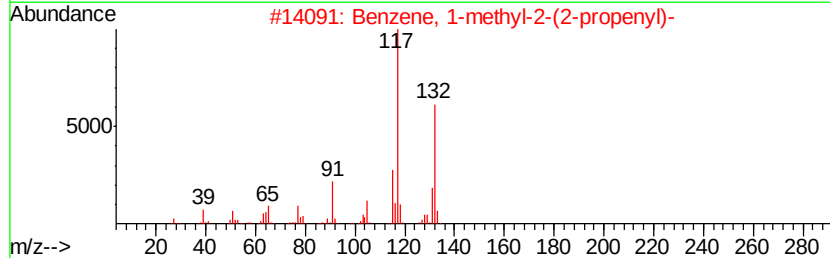
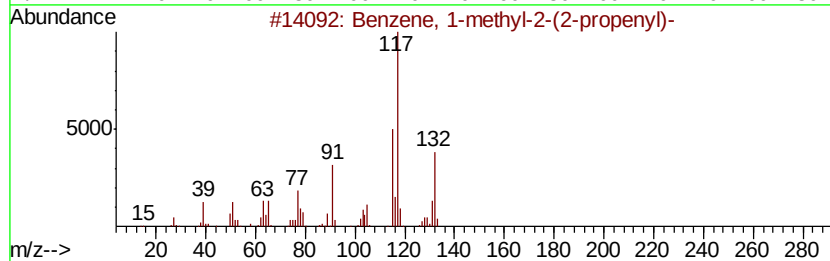
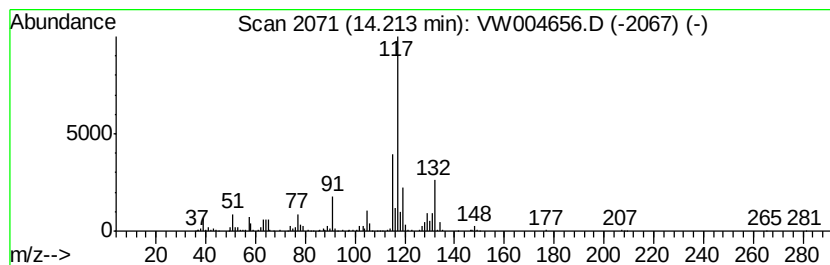
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Quant Title : VOC Analysis

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

Peak Number 32 Benzene, 1-methyl-2-(2-prop... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	1.67 ug/L	177183	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80
2			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80
3			Indan, 1-methyl-	132	C10H12	000767-58-8	70
4			Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	64
5			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081418\
Data File : VW004656.D
Acq On : 13 Aug 2018 19:18
Operator : SY/AP
Sample : J4450-07
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAB06

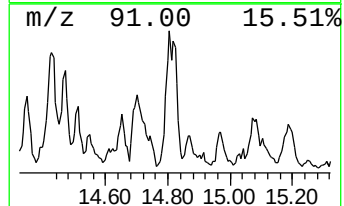
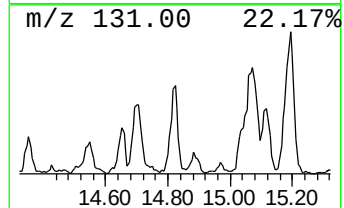
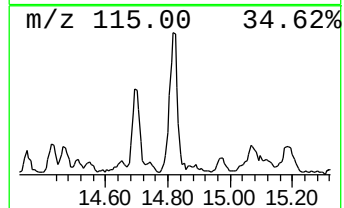
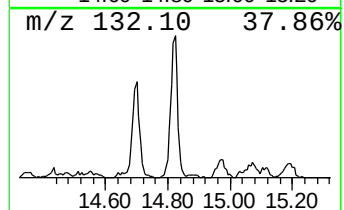
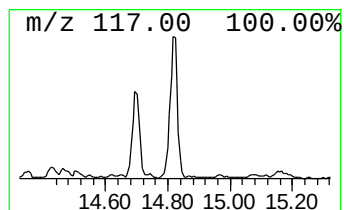
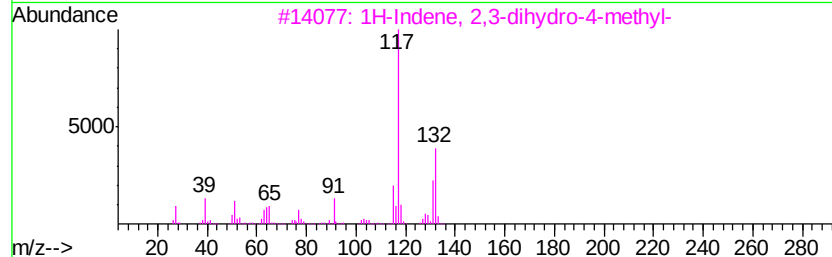
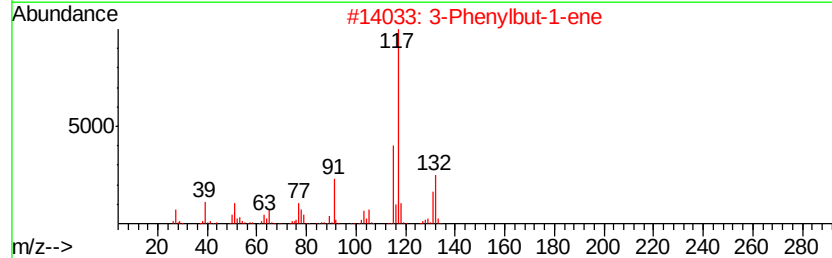
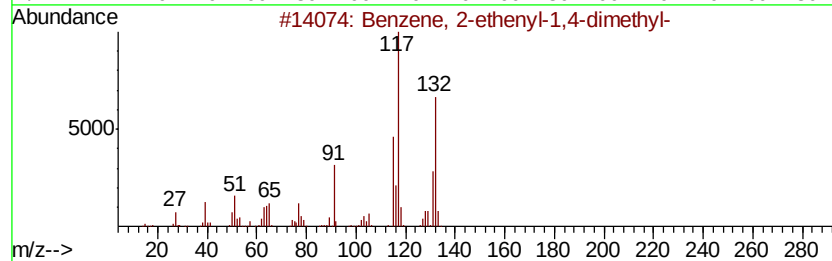
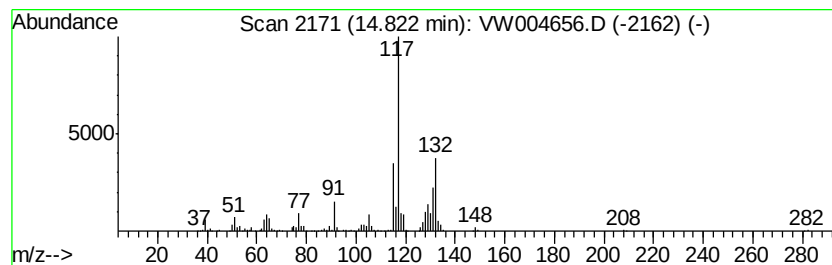
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis

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

Peak Number 33 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	2.24 ug/L	237856	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	68
4		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	62
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	60



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081418\
 Data File : VW004656.D
 Acq On : 13 Aug 2018 19:18
 Operator : SY/AP
 Sample : J4450-07
 Misc : 4.93G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAB06

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propanal, 2-methyl-	5.79	1.5	ug/L	123250	1	8.85	2044960	25.0
(DEL) Alkane: Str...	7.93	1.4	ug/L	110329	1	8.85	2044960	25.0
(DEL) Alkane: Str...	8.04	1.8	ug/L	142872	1	8.85	2044960	25.0
(DEL) Alkane: Str...	8.16	1.5	ug/L	123066	1	8.85	2044960	25.0
(DEL) Alkane: Str...	8.49	8.9	ug/L	731073	1	8.85	2044960	25.0
(DEL) Alkane: Str...	8.70	1.4	ug/L	114178	1	8.85	2044960	25.0
(DEL) Alkane: Cyc...	9.34	3.9	ug/L	315125	1	8.85	2044960	25.0
(DEL) Alkane: Str...	9.39	2.2	ug/L	182214	1	8.85	2044960	25.0
(DEL) Alkane: Str...	9.76	6.5	ug/L	529374	1	8.85	2044960	25.0
(DEL) Alkane: Str...	9.90	6.4	ug/L	526492	1	8.85	2044960	25.0
(DEL) Alkane: Str...	9.96	1.3	ug/L	103507	1	8.85	2044960	25.0
(DEL) Alkane: Str...	10.10	4.3	ug/L	350584	1	8.85	2044960	25.0
(DEL) Alkane: Str...	10.25	2.1	ug/L	209687	2	11.63	2524920	25.0
Hexyl octyl ether	10.51	2.3	ug/L	235391	2	11.63	2524920	25.0
(DEL) Alkane: Cyc...	10.77	1.7	ug/L	167805	2	11.63	2524920	25.0
unknown-01	11.02	2.1	ug/L	208484	2	11.63	2524920	25.0
(DEL) Alkane: Cyc...	11.24	1.8	ug/L	178177	2	11.63	2524920	25.0
(DEL) Alkane: Str...	11.41	2.2	ug/L	223832	2	11.63	2524920	25.0
2,4-Dimethyl-1,5-...	12.15	1.4	ug/L	137888	2	11.63	2524920	25.0
Cyclooctene, 3-me...	12.35	1.3	ug/L	133520	2	11.63	2524920	25.0
Benzene, propyl-	12.81	1.5	ug/L	160070	3	13.57	2657810	25.0
Benzene, 1-ethyl-...	12.87	2.2	ug/L	235982	3	13.57	2657810	25.0
Benzene, 1,2,3-tr...	12.94	2.0	ug/L	208550	3	13.57	2657810	25.0
Benzene, 1-ethyl-...	13.11	1.8	ug/L	186735	3	13.57	2657810	25.0
Indane	13.76	3.2	ug/L	336407	3	13.57	2657810	25.0
Benzene, 1,3-diet...	13.80	1.3	ug/L	138281	3	13.57	2657810	25.0
p-Cymene	14.10	2.0	ug/L	213938	3	13.57	2657810	25.0
Benzene, 1-methyl...	14.21	1.7	ug/L	177183	3	13.57	2657810	25.0
Benzene, 2-etheny...	14.82	2.2	ug/L	237856	3	13.57	2657810	25.0