

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120318\
 Data File : VW007159.D
 Acq On : 03 Dec 2018 11:40
 Operator : SY/AP
 Sample : J6077-05
 Misc : 4.55G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9Y38

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\SOM2WLM113018S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.178	38	45	60	rVB	150850	211037	4.44%	0.247%
2	2.355	63	74	84	rVV2	459104	1113867	23.43%	1.302%
3	3.032	175	185	197	rBV	304341	650995	13.70%	0.761%
4	3.306	218	230	237	rBV	209797	459279	9.66%	0.537%
5	3.391	237	244	260	rVB	927687	2271040	47.78%	2.655%
6	3.592	267	277	290	rVB	129863	296414	6.24%	0.347%
7	3.855	312	320	333	rVB	149675	383042	8.06%	0.448%
8	4.781	455	472	484	rBV5	120455	503993	10.60%	0.589%
9	4.970	484	503	519	rBV2	362732	1608044	33.83%	1.880%
10	5.446	558	581	597	rBV	210504	718112	15.11%	0.839%
11	5.793	619	638	650	rBV	308684	1055900	22.21%	1.234%
12	5.946	650	663	680	rVB	956089	2887024	60.74%	3.375%
13	6.232	699	710	715	rBV	94340	279072	5.87%	0.326%
14	6.293	715	720	732	rVB	109887	316296	6.65%	0.370%
15	6.988	823	834	843	rVV	441400	1287430	27.09%	1.505%
16	7.647	932	942	945	rBV2	92481	248441	5.23%	0.290%
17	7.702	945	951	959	rVB	275066	658032	13.84%	0.769%
18	7.933	980	989	999	rBV4	404144	1449287	30.49%	1.694%
19	8.025	999	1004	1016	rVB5	140055	479878	10.10%	0.561%
20	8.159	1016	1026	1033	rBV	442972	1015943	21.37%	1.188%
21	8.329	1041	1054	1063	rVB	1559543	3828765	80.55%	4.476%
22	8.439	1063	1072	1079	rBV4	292671	795819	16.74%	0.930%
23	8.512	1079	1084	1089	rVV	219787	483069	10.16%	0.565%
24	8.586	1089	1096	1105	rVB2	761076	1748915	36.80%	2.044%
25	8.701	1105	1115	1129	rVB	1788615	3625467	76.28%	4.238%
26	8.842	1129	1138	1143	rBV3	428456	1001544	21.07%	1.171%
27	8.896	1143	1147	1159	rVB2	244257	490648	10.32%	0.574%
28	9.116	1170	1183	1200	rVB3	119008	422454	8.89%	0.494%
29	9.335	1200	1219	1226	rBV2	1042384	2844028	59.83%	3.325%
30	9.518	1237	1249	1256	rBV	292474	570168	12.00%	0.667%
31	9.610	1256	1264	1270	rVB	167823	332230	6.99%	0.388%
32	9.756	1283	1288	1298	rVB2	237288	471292	9.92%	0.551%
33	9.854	1298	1304	1308	rBV	326960	600344	12.63%	0.702%
34	9.908	1308	1313	1316	rVV3	187169	356545	7.50%	0.417%

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35	9.963	1316	1322	1331	rVV2	734221	1509765	31.76%	1.765%
36	10.097	1338	1344	1354	rVB2	350539	819598	17.24%	0.958%
37	10.207	1354	1362	1367	rBV	323197	607018	12.77%	0.710%
38	10.323	1373	1381	1385	rBV3	689391	1326482	27.91%	1.551%
39	10.390	1385	1392	1396	rVV	841546	1906257	40.11%	2.228%
40	10.433	1396	1399	1405	rVV3	570540	989935	20.83%	1.157%
41	10.512	1405	1412	1418	rVV	2046253	3745415	78.80%	4.378%
42	10.573	1418	1422	1426	rVV2	151378	239709	5.04%	0.280%
43	10.628	1426	1431	1434	rVV3	144823	246219	5.18%	0.288%
44	10.671	1434	1438	1445	rVB	265347	452765	9.53%	0.529%
45	10.750	1445	1451	1461	rBV3	323710	889184	18.71%	1.039%
46	10.847	1462	1467	1472	rVB2	94039	193958	4.08%	0.227%
47	10.939	1472	1482	1488	rBV3	284349	595119	12.52%	0.696%
48	11.024	1488	1496	1498	rBV3	135745	320955	6.75%	0.375%
49	11.061	1498	1502	1505	rVV4	141722	224033	4.71%	0.262%
50	11.103	1505	1509	1512	rVV3	188858	290034	6.10%	0.339%
51	11.140	1512	1515	1518	rVV2	151483	253402	5.33%	0.296%
52	11.183	1518	1522	1526	rVV	322407	481148	10.12%	0.562%
53	11.231	1526	1530	1535	rVV2	316581	558014	11.74%	0.652%
54	11.286	1535	1539	1543	rVB3	139121	227453	4.79%	0.266%
55	11.341	1543	1548	1552	rVB2	192747	316791	6.66%	0.370%
56	11.414	1552	1560	1572	rVB5	346775	1057009	22.24%	1.236%
57	11.518	1572	1577	1581	rBV	469948	736864	15.50%	0.861%
58	11.634	1591	1596	1601	rBV2	386699	677528	14.25%	0.792%
59	11.731	1607	1612	1617	rBV	622970	1043012	21.94%	1.219%
60	11.792	1617	1622	1625	rVV2	591539	1082761	22.78%	1.266%
61	11.847	1625	1631	1640	rVV2	2462433	4753124	100.00%	5.556%
62	11.926	1640	1644	1648	rVB2	201675	341292	7.18%	0.399%
63	12.170	1673	1684	1691	rBV2	708289	1659870	34.92%	1.940%
64	12.256	1692	1698	1702	rVB	295033	489128	10.29%	0.572%
65	12.341	1702	1712	1714	rBV6	245831	535887	11.27%	0.626%
66	12.378	1714	1718	1723	rVB4	273604	574544	12.09%	0.672%
67	12.542	1736	1745	1748	rVV6	206228	494850	10.41%	0.578%
68	12.652	1760	1763	1767	rVV	211552	304612	6.41%	0.356%
69	12.701	1767	1771	1776	rVB2	135819	209197	4.40%	0.245%
70	12.804	1781	1788	1792	rBV2	193098	454367	9.56%	0.531%
71	12.871	1793	1799	1801	rBV	690456	1136776	23.92%	1.329%

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72	12.938	1806	1810	1816	rVV2	1839543	3065674	64.50%	3.584%
73	12.999	1816	1820	1825	rVB	166582	250011	5.26%	0.292%
74	13.109	1829	1838	1845	rBV	319324	895206	18.83%	1.046%
75	13.170	1845	1848	1855	rVB2	228282	360778	7.59%	0.422%
76	13.255	1856	1862	1867	rBV	853532	1341777	28.23%	1.569%
77	13.444	1889	1893	1898	rVV3	353027	722486	15.20%	0.845%
78	13.493	1898	1901	1904	rVV2	208347	346739	7.29%	0.405%
79	13.524	1904	1906	1909	rVV3	166023	229313	4.82%	0.268%
80	13.560	1909	1912	1915	rVV	386296	625307	13.16%	0.731%
81	13.591	1915	1917	1921	rVV	383588	494802	10.41%	0.578%
82	13.755	1940	1944	1948	rVV2	355547	590949	12.43%	0.691%
83	13.798	1948	1951	1955	rVV2	262633	408151	8.59%	0.477%
84	13.847	1955	1959	1961	rVV3	364820	605942	12.75%	0.708%
85	13.877	1961	1964	1970	rVB	1303130	1937313	40.76%	2.265%
86	14.048	1989	1992	1997	rVB	222731	309421	6.51%	0.362%
87	14.103	1997	2001	2005	rBV	249892	350057	7.36%	0.409%
88	14.213	2013	2019	2024	rBV2	347897	559972	11.78%	0.655%
89	14.353	2035	2042	2045	rBV4	160929	360260	7.58%	0.421%
90	14.463	2058	2060	2064	rVB	177976	212811	4.48%	0.249%
91	14.505	2064	2067	2071	rVB2	180705	224287	4.72%	0.262%
92	14.548	2071	2074	2082	rVB4	107765	198648	4.18%	0.232%
93	14.700	2094	2099	2101	rBV2	296987	490154	10.31%	0.573%
94	14.731	2101	2104	2109	rVB2	677836	959431	20.19%	1.122%
95	14.804	2109	2116	2122	rBV2	462507	1116481	23.49%	1.305%
96	15.072	2151	2160	2164	rBV3	203408	420725	8.85%	0.492%
97	15.188	2172	2179	2186	rVB2	196059	416418	8.76%	0.487%
98	15.377	2206	2210	2215	rVB	137582	235704	4.96%	0.276%
99	15.566	2237	2241	2250	rVB	165426	305884	6.44%	0.358%
100	16.450	2380	2386	2392	rVV	138968	299737	6.31%	0.350%

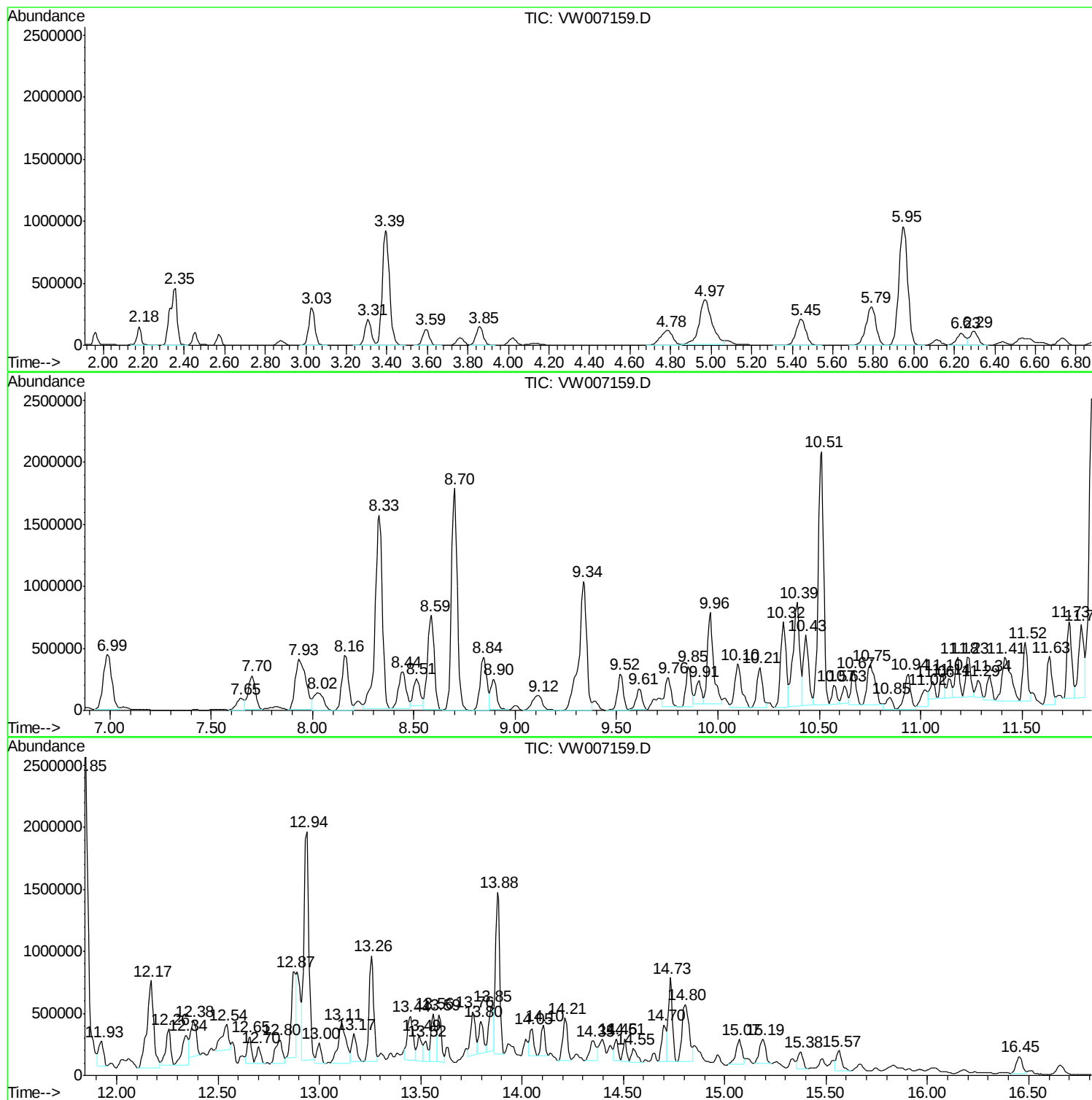
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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



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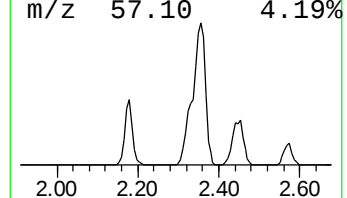
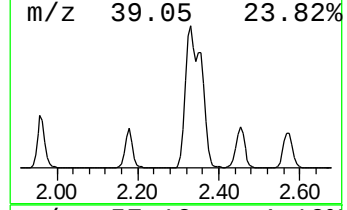
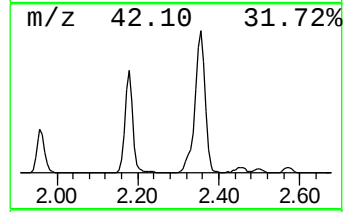
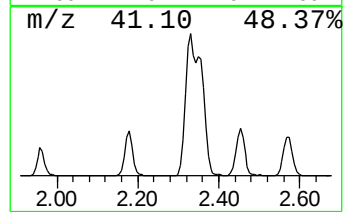
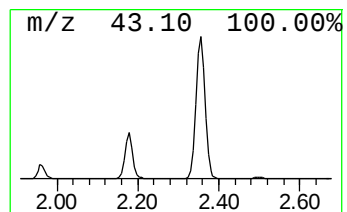
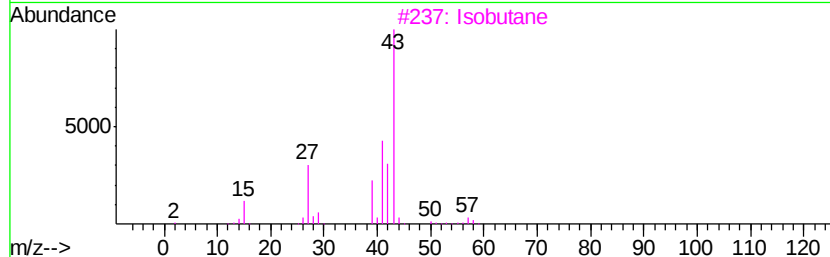
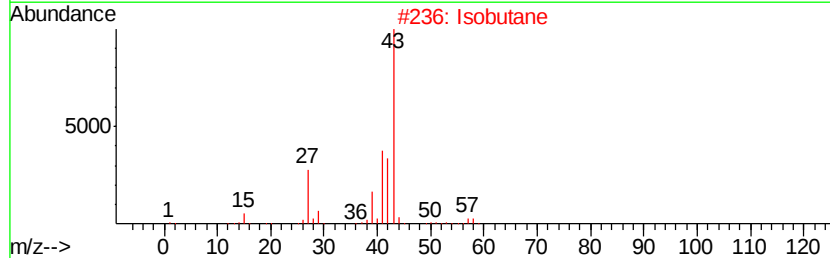
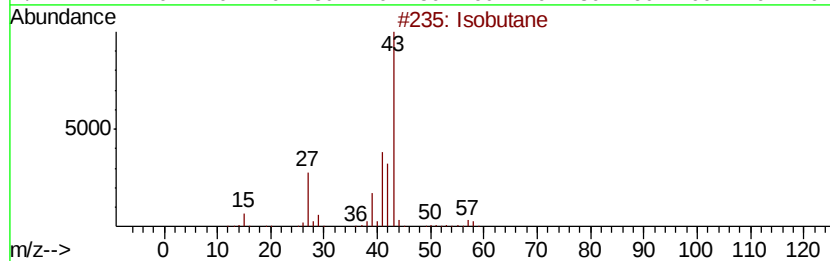
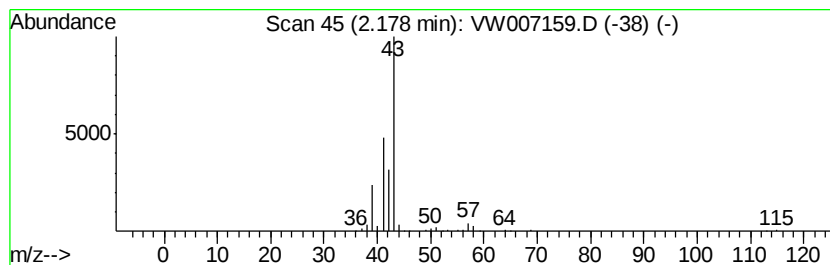
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	5.27 ug/L	211037	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutane	58	C4H10	000075-28-5	72
2		Isobutane	58	C4H10	000075-28-5	64
3		Isobutane	58	C4H10	000075-28-5	64
4		Isobutane	58	C4H10	000075-28-5	53
5		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9



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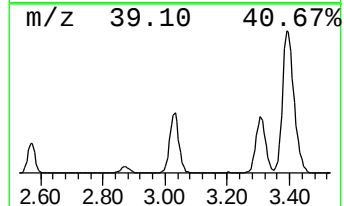
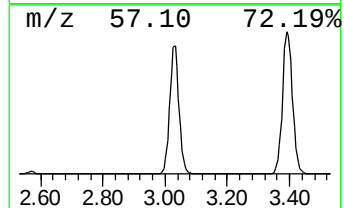
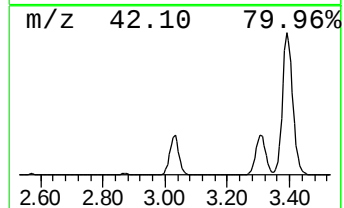
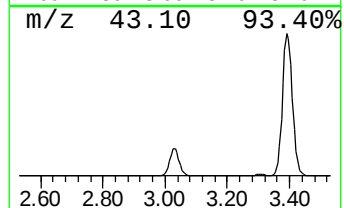
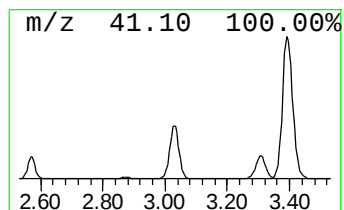
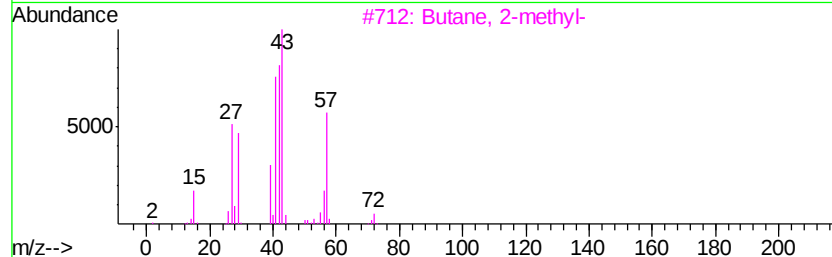
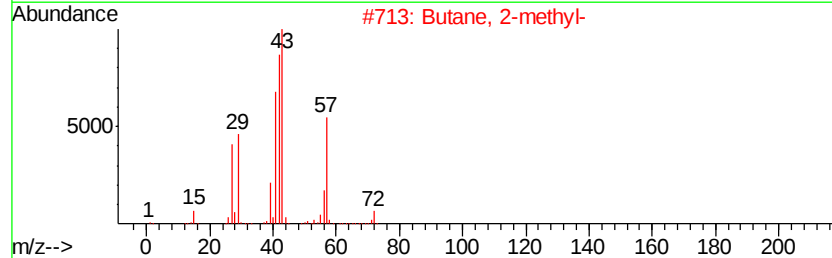
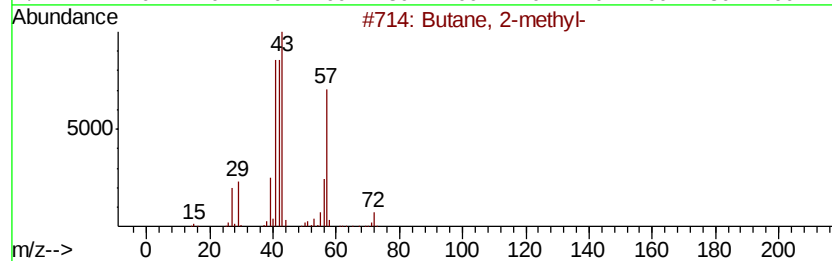
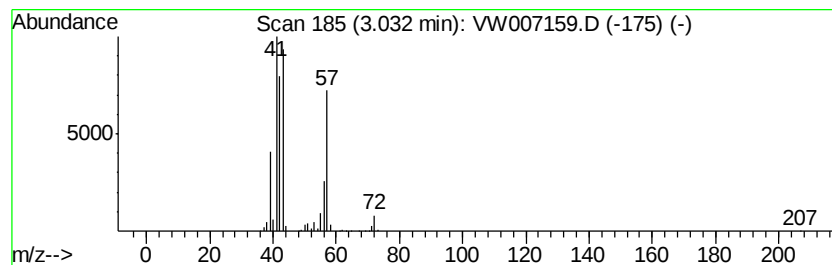
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	16.25 ug/L	650995	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	76
2		Butane, 2-methyl-	72	C5H12	000078-78-4	58
3		Butane, 2-methyl-	72	C5H12	000078-78-4	58
4		3-Buten-1-ol	72	C4H8O	000627-27-0	38
5		3-Buten-1-ol	72	C4H8O	000627-27-0	33



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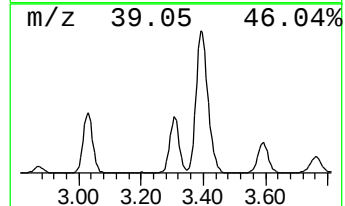
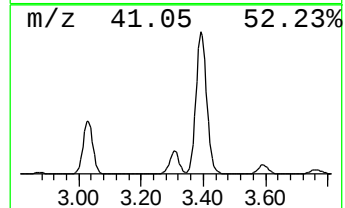
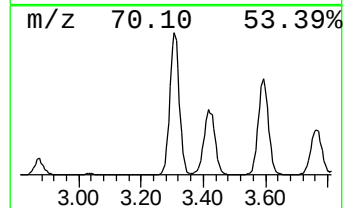
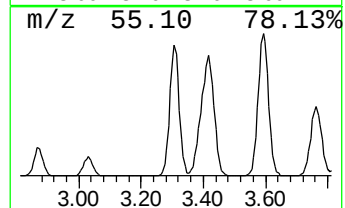
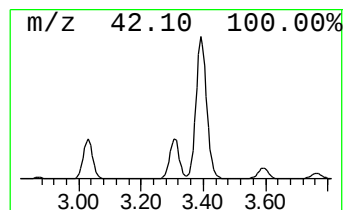
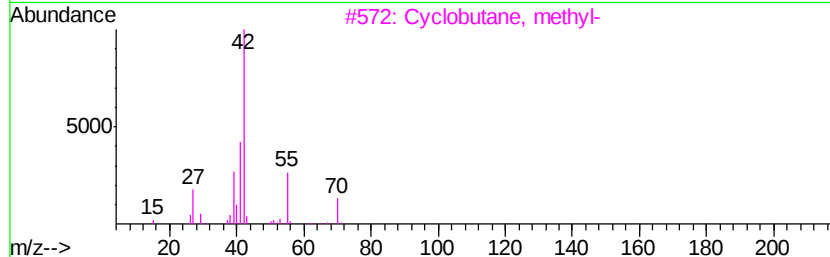
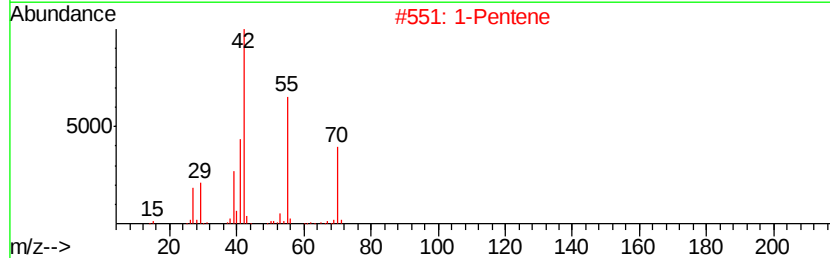
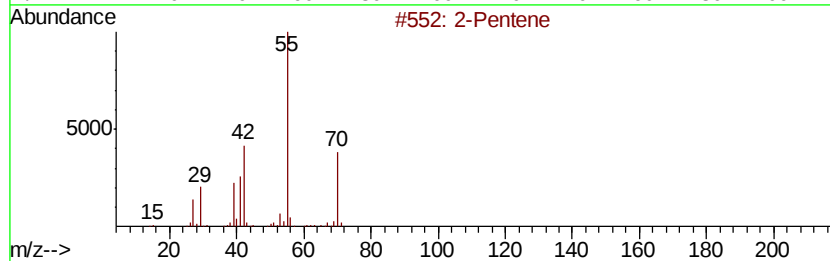
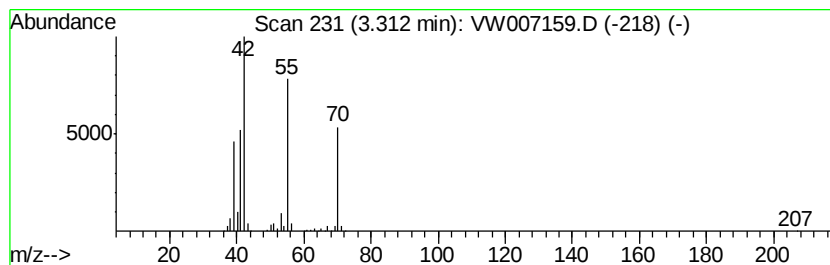
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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic3.31 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.31	11.46 ug/L	459279	1,4-Difluorobenzene	8.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene	70	C5H10	000109-68-2	74
2	1-Pentene	70	C5H10	000109-67-1	68
3	Cyclobutane, methyl-	70	C5H10	000598-61-8	64
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	62
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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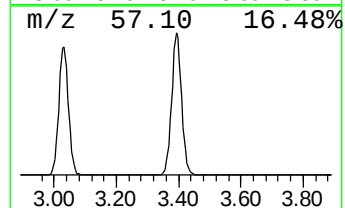
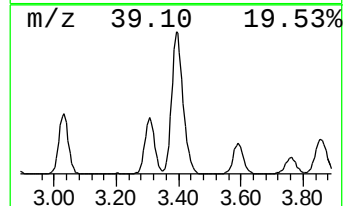
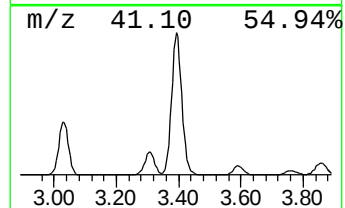
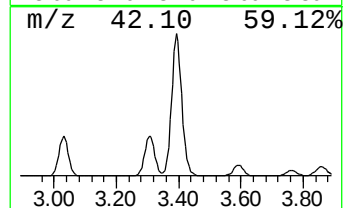
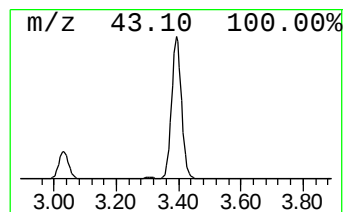
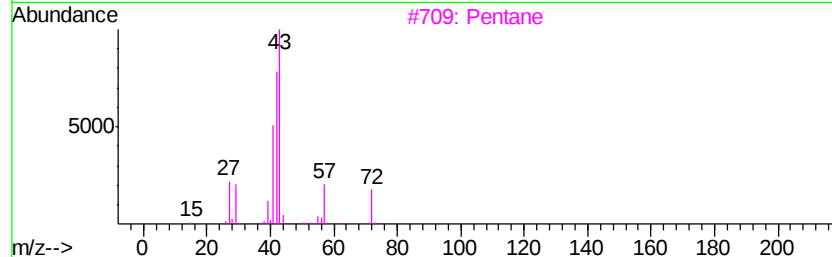
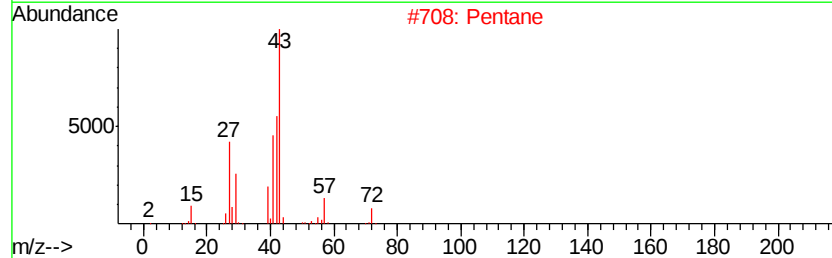
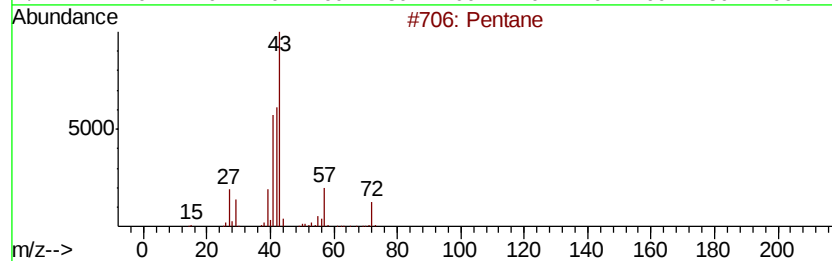
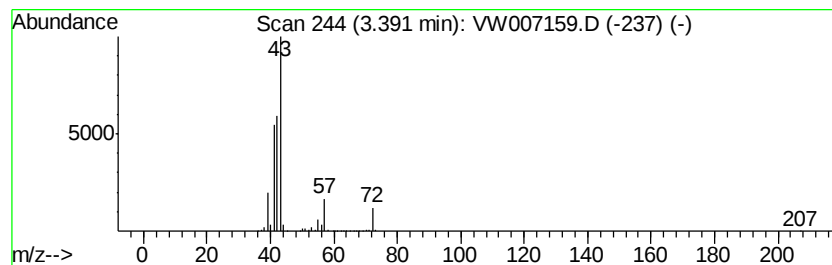
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	56.69 ug/L	2271040	1,4-Difluorobenzene	8.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane		72	C5H12	000109-66-0	91
2	Pentane		72	C5H12	000109-66-0	90
3	Pentane		72	C5H12	000109-66-0	86
4	Pentane		72	C5H12	000109-66-0	86
5	Oxirane, ethyl-		72	C4H8O	000106-88-7	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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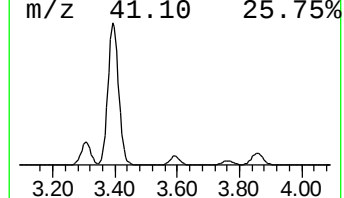
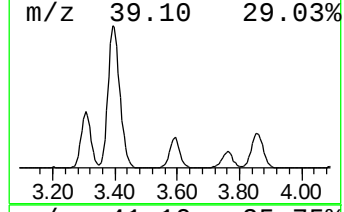
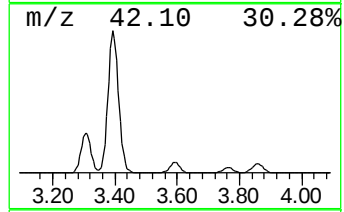
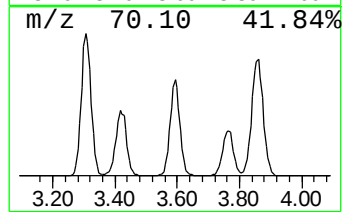
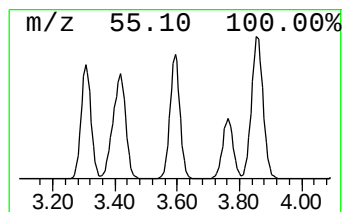
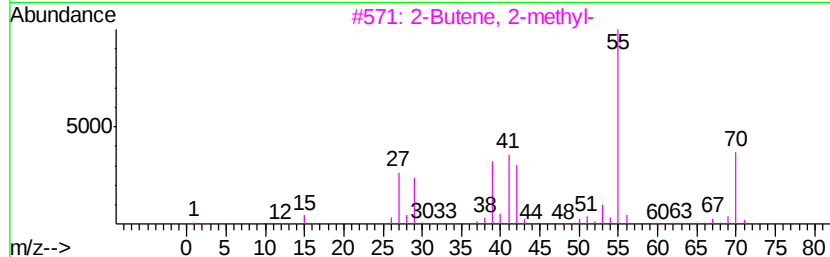
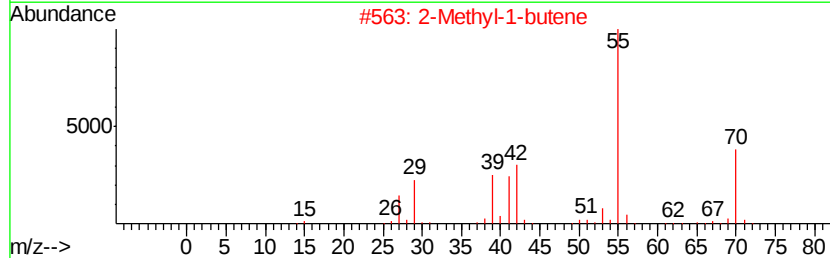
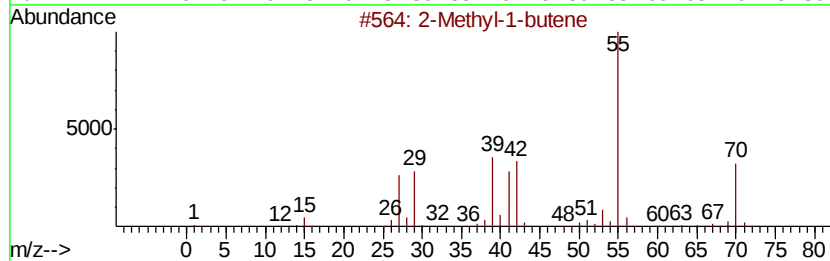
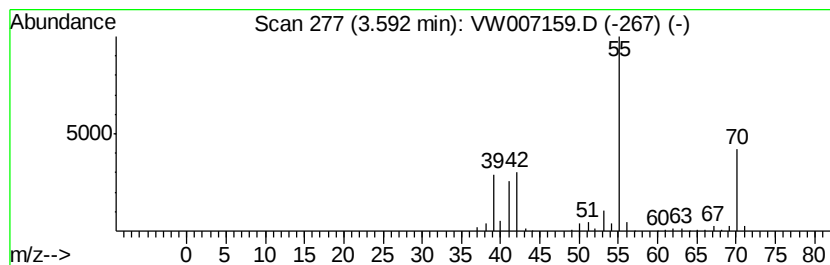
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Cyclic3.59 Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.59	7.40 ug/L	296414	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methyl-1-butene	70	C5H10	000563-46-2	90
2		2-Methyl-1-butene	70	C5H10	000563-46-2	90
3		2-Butene, 2-methyl-	70	C5H10	000513-35-9	87
4		Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	87
5		2-Pentene, (E)-	70	C5H10	000646-04-8	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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ClientSampleId :
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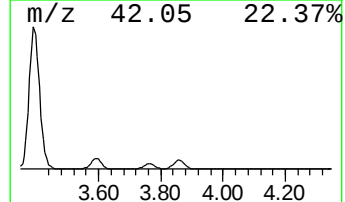
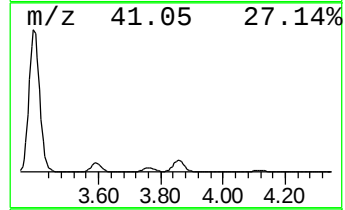
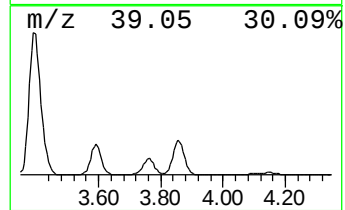
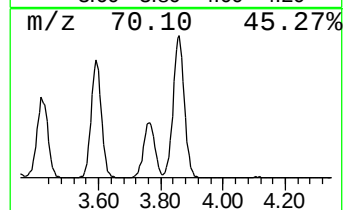
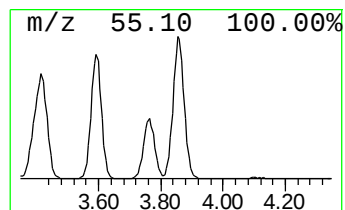
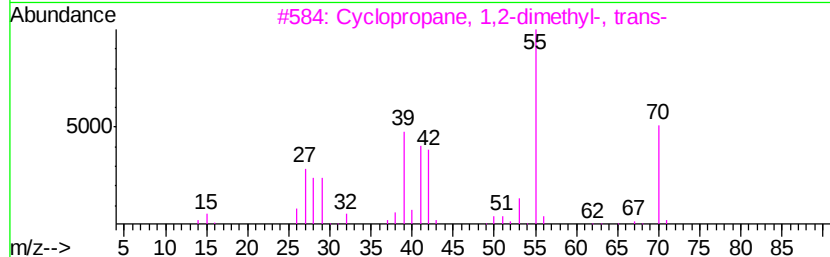
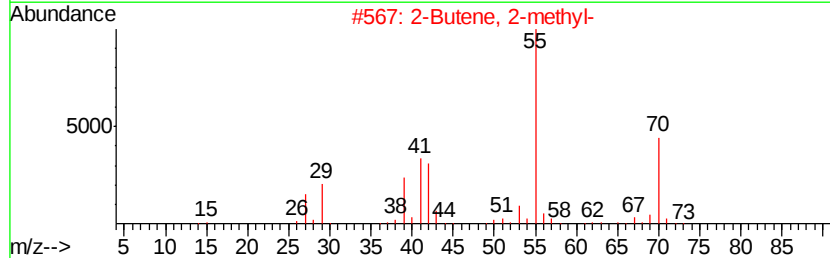
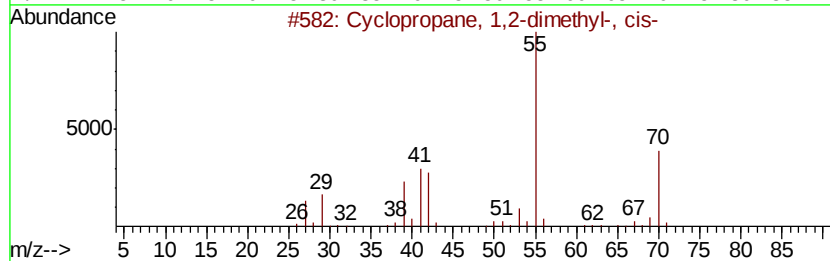
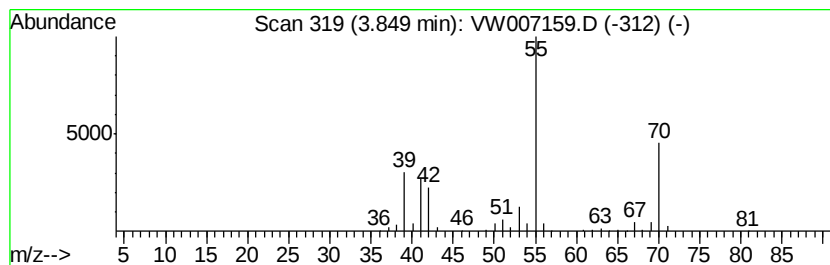
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Cyclic3.85 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.85	9.56 ug/L	383042	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
2			2-Butene, 2-methyl-	70	C5H10	000513-35-9	90
3			Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	83
4			Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80
5			Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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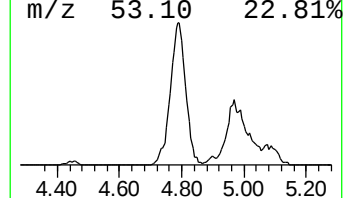
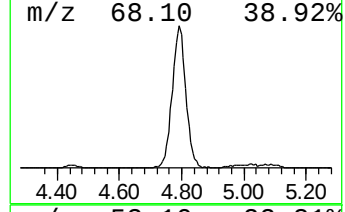
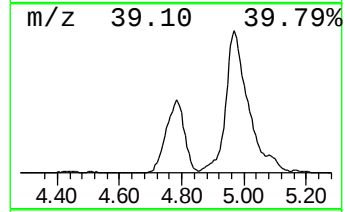
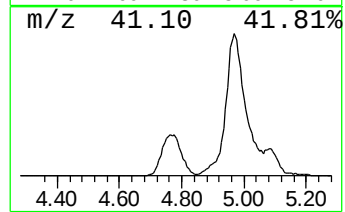
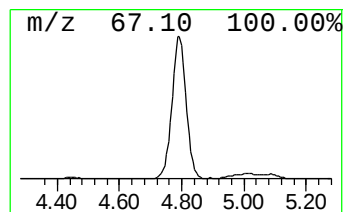
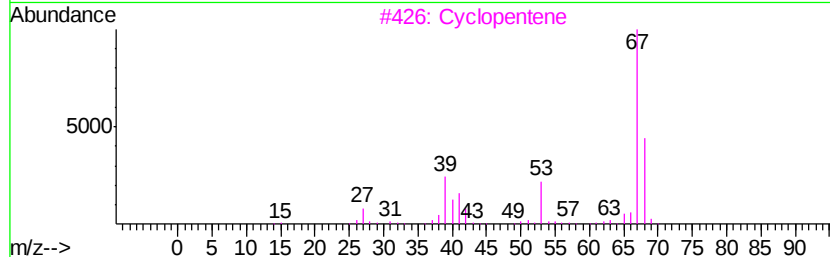
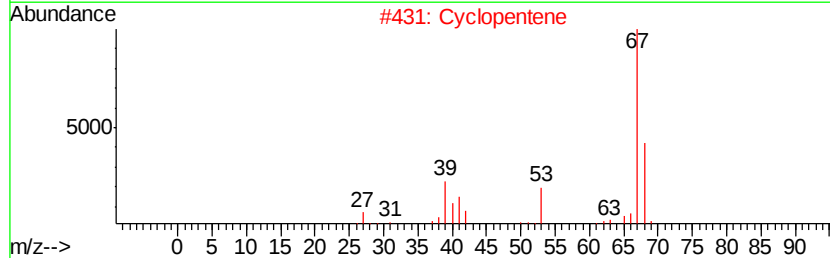
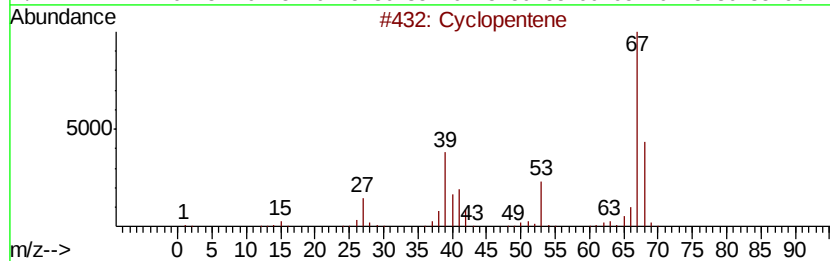
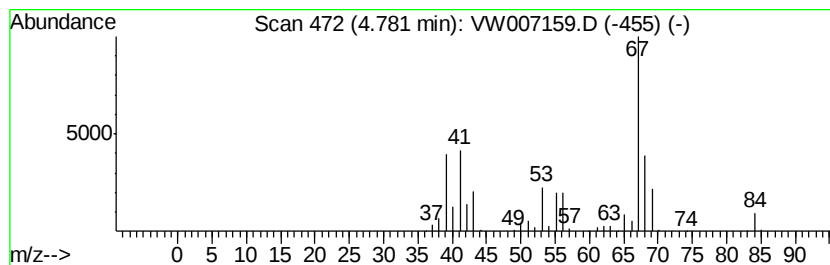
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Quant Title : VOC Analysis

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

Peak Number 7 Cyclopentene Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	12.58 ug/L	503993	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentene	68	C5H8	000142-29-0	83
2		Cyclopentene	68	C5H8	000142-29-0	70
3		Cyclopentene	68	C5H8	000142-29-0	70
4		Cyclopentene	68	C5H8	000142-29-0	70
5		2,3-Diazabicyclo[2.2.1]-hept-2-ene	96	C5H8N2	002721-32-6	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
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Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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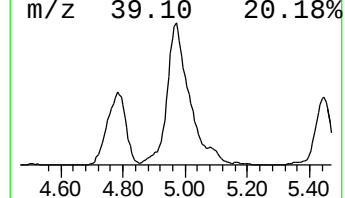
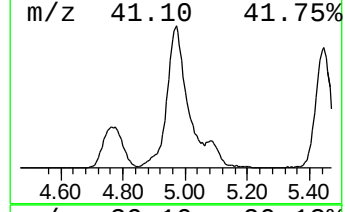
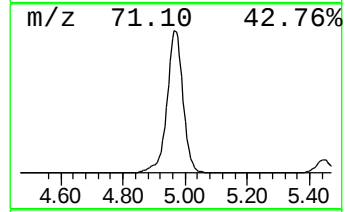
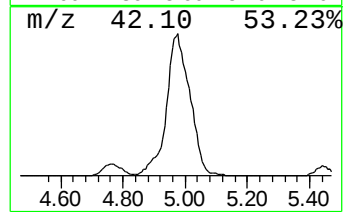
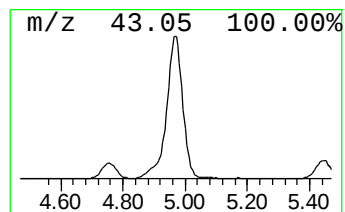
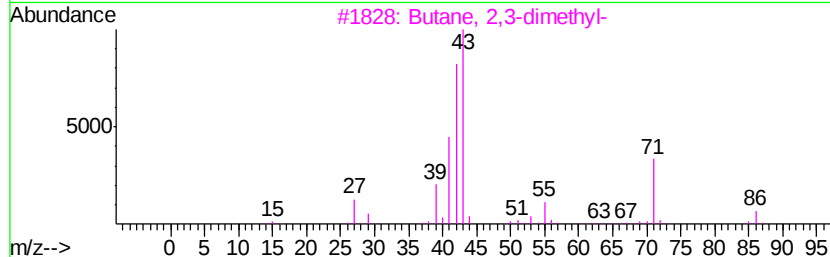
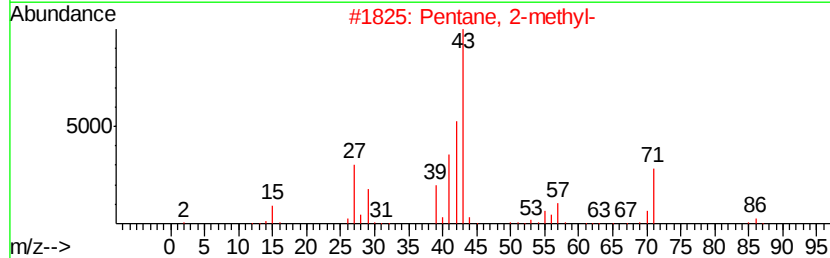
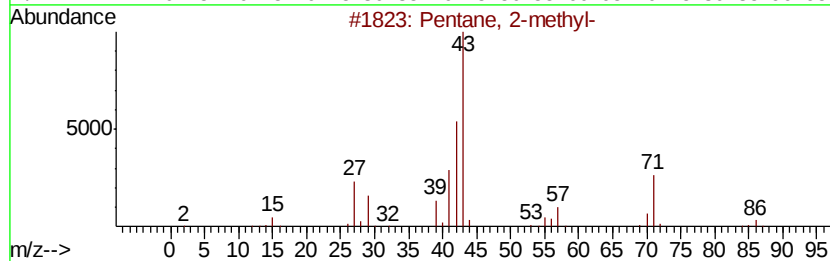
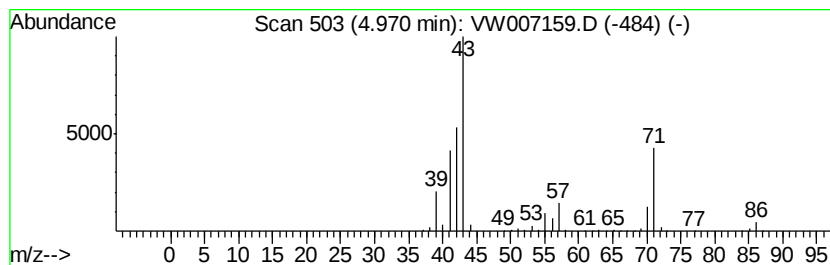
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	40.14 ug/L	1608040	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2		Pentane, 2-methyl-	86	C6H14	000107-83-5	91
3		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	52
4		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	49
5		Pentane	72	C5H12	000109-66-0	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
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Operator : SY/AP
Sample : J6077-05
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ALS Vial : 1 Sample Multiplier: 1

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ClientSampleId :
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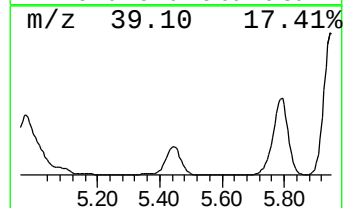
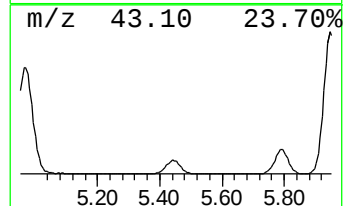
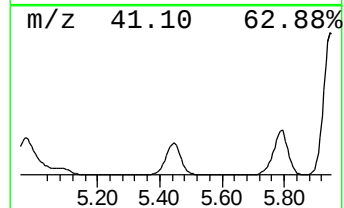
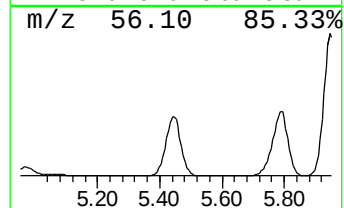
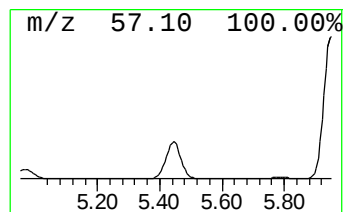
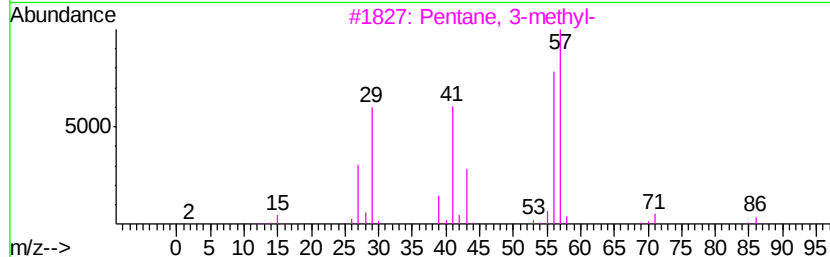
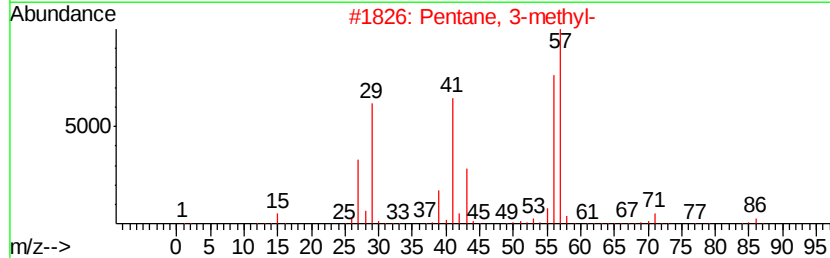
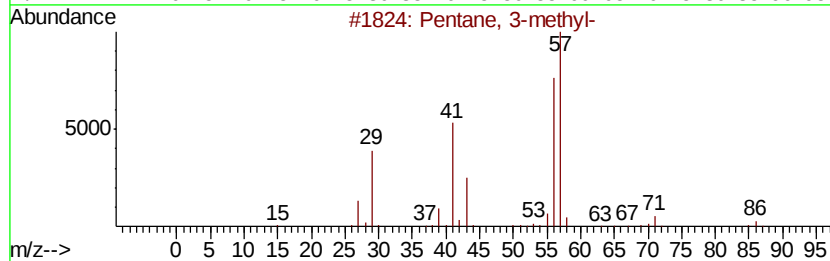
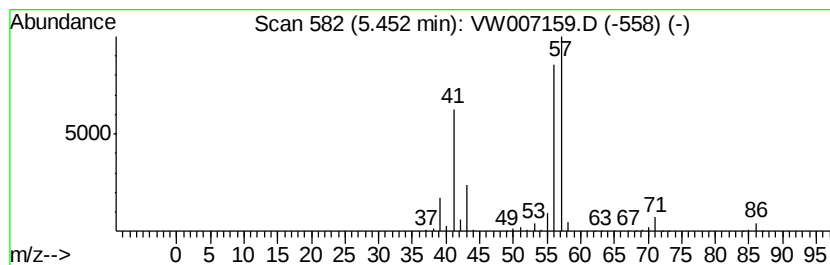
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	17.93 ug/L	718112	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2		Pentane, 3-methyl-	86	C6H14	000096-14-0	91
3		Pentane, 3-methyl-	86	C6H14	000096-14-0	91
4		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
5		3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
 Data File : VW007159.D
 Acq On : 03 Dec 2018 11:40
 Operator : SY/AP
 Sample : J6077-05
 Misc : 4.55G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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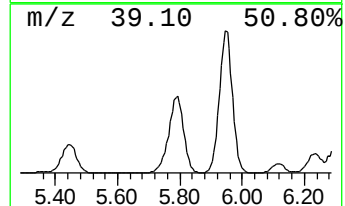
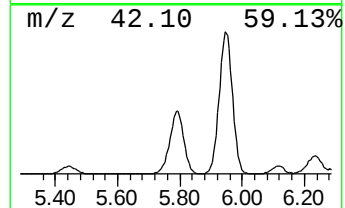
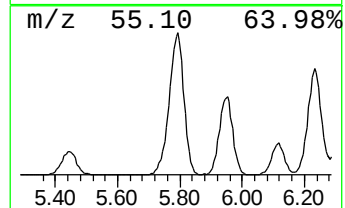
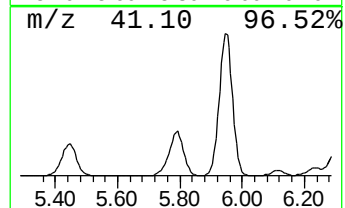
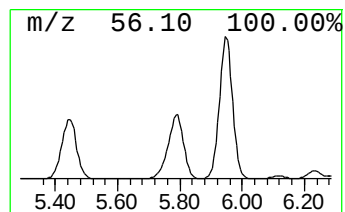
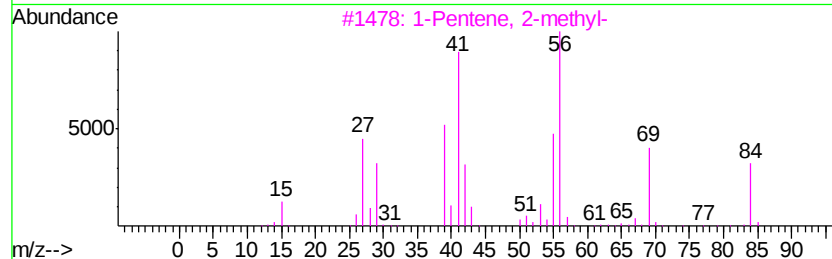
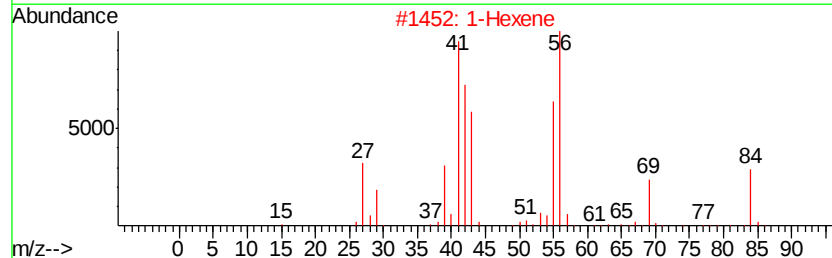
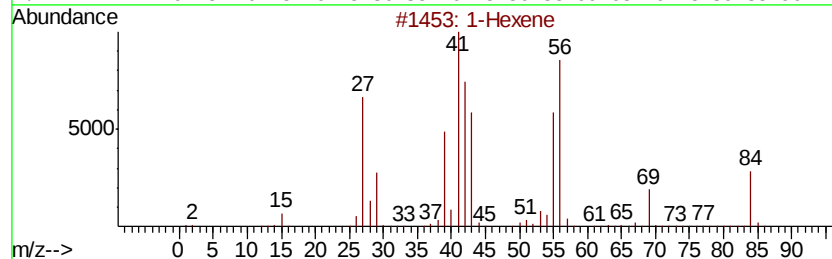
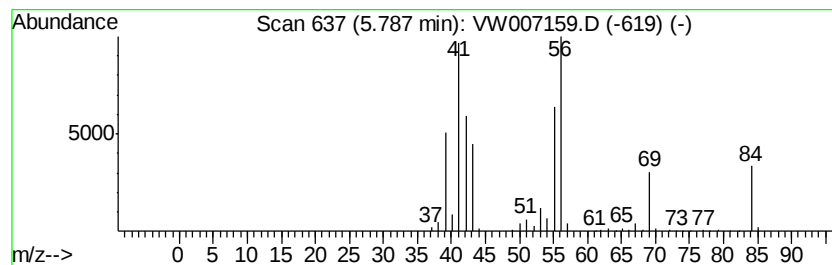
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 Quant Title : VOC Analysis

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

 Peak Number 10 (DEL) Alkane: Cyclic5.79 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	26.36 ug/L	1055900	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexene	84	C6H12	000592-41-6	95
2		1-Hexene	84	C6H12	000592-41-6	81
3		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
4		1-Hexene, 5-methyl-	98	C7H14	003524-73-0	59
5		3-Hexene, (E)-	84	C6H12	013269-52-8	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y38

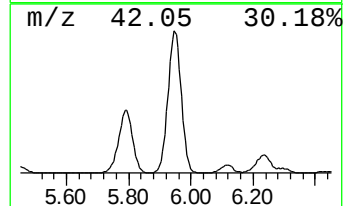
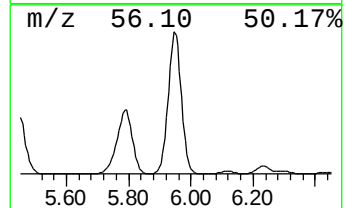
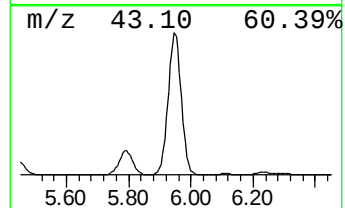
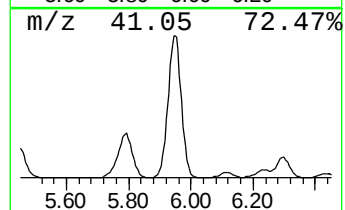
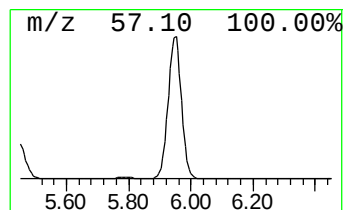
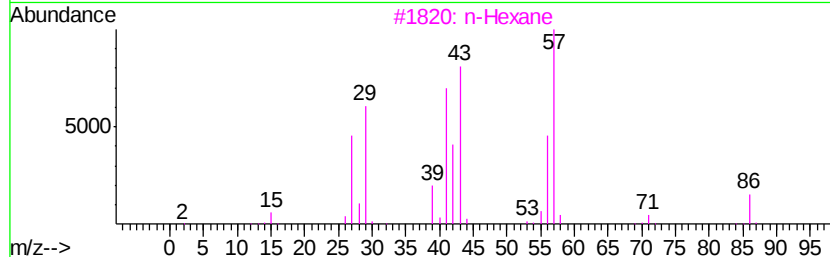
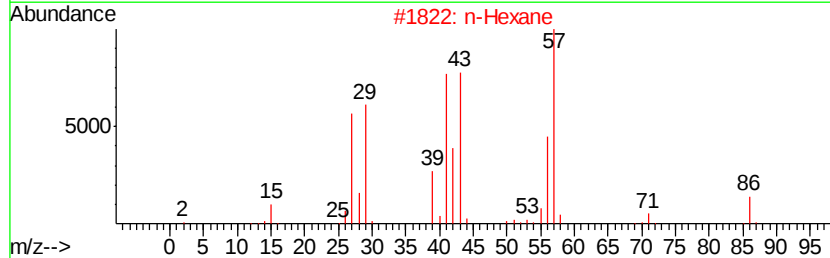
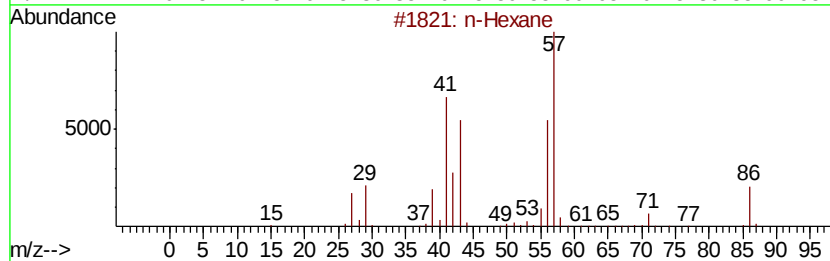
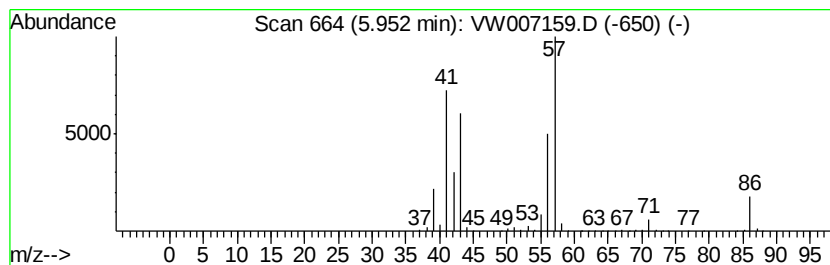
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Quant Title : VOC Analysis

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.
5.95	72.06 ug/L	2887020	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	94
2		n-Hexane	86	C6H14	000110-54-3	64
3		n-Hexane	86	C6H14	000110-54-3	59
4		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50
5		Pentane, 3-methyl-	86	C6H14	000096-14-0	40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y38

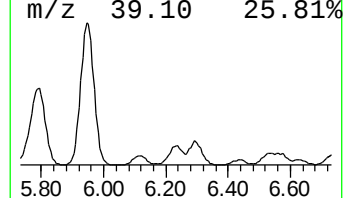
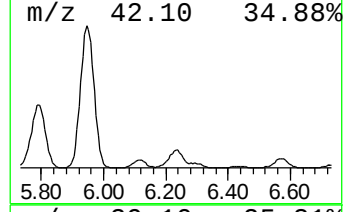
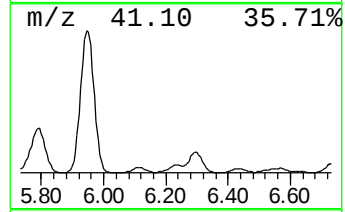
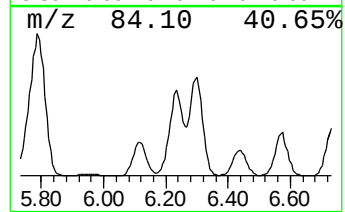
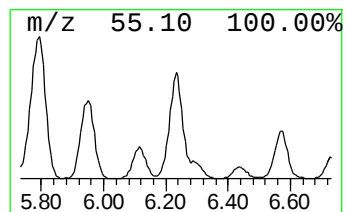
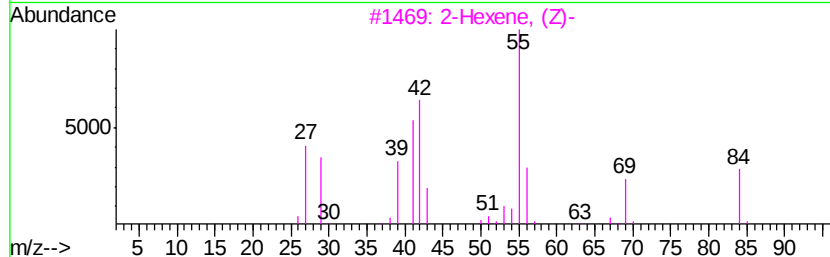
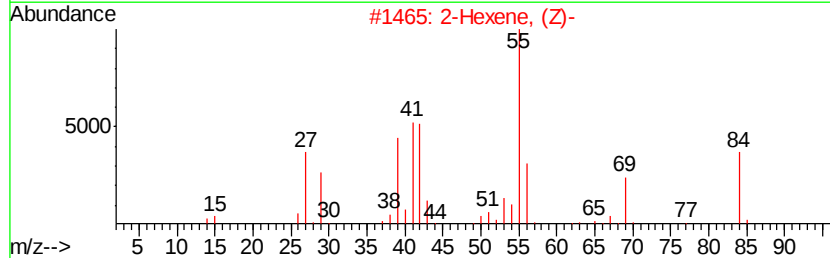
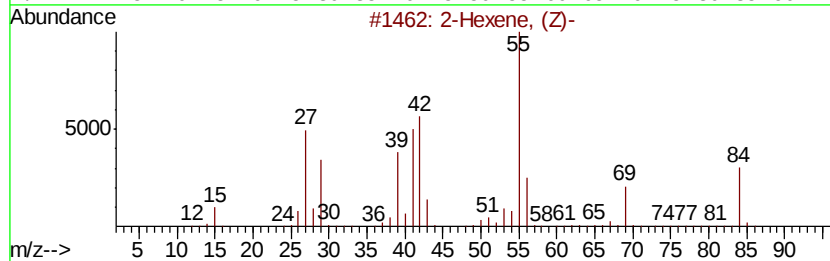
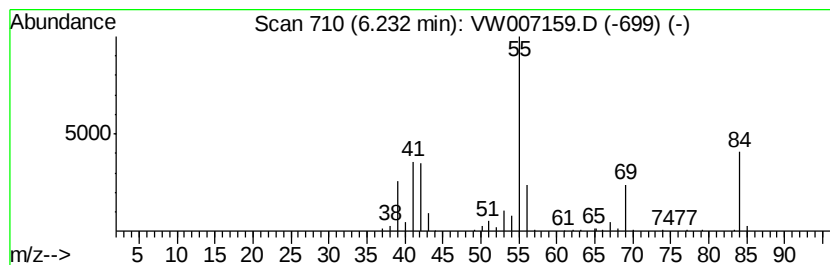
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Cyclic6.23 Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	6.97 ug/L	279072	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hexene, (Z)-	84	C6H12	007688-21-3	91
2		2-Hexene, (Z)-	84	C6H12	007688-21-3	91
3		2-Hexene, (Z)-	84	C6H12	007688-21-3	91
4		3-Hexene, (Z)-	84	C6H12	007642-09-3	91
5		2-Hexene	84	C6H12	000592-43-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

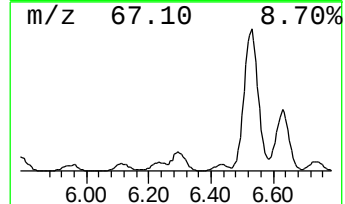
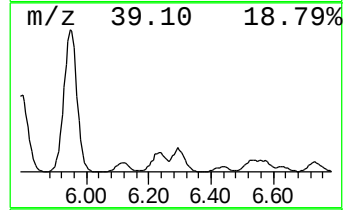
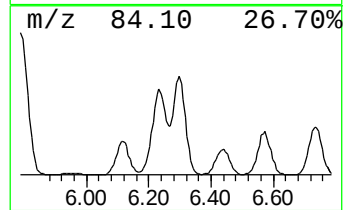
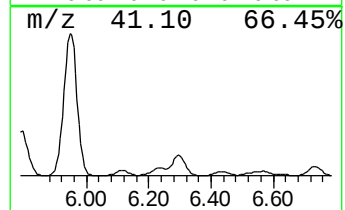
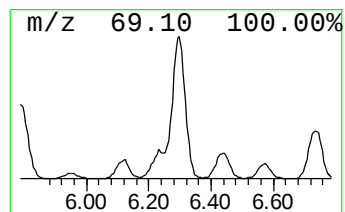
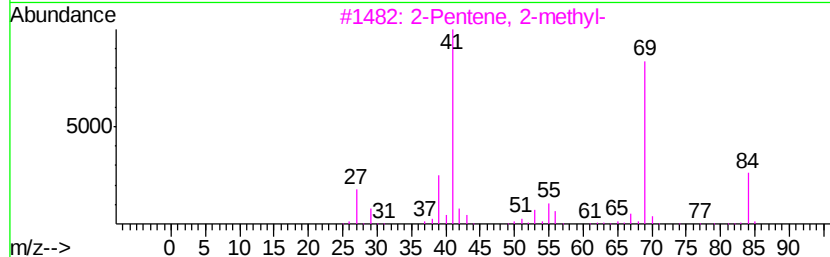
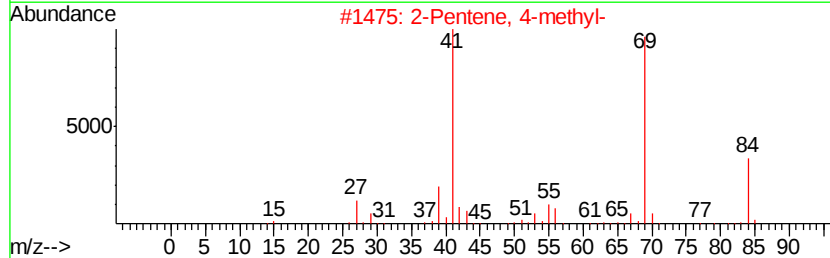
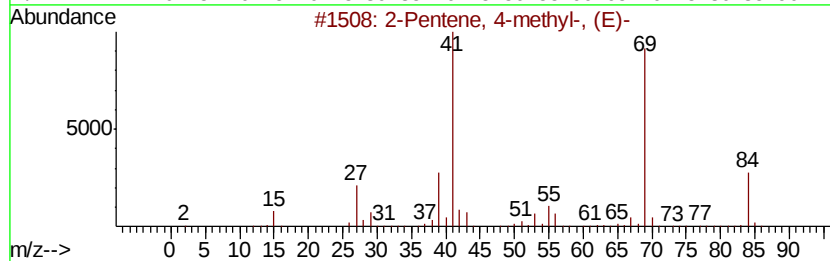
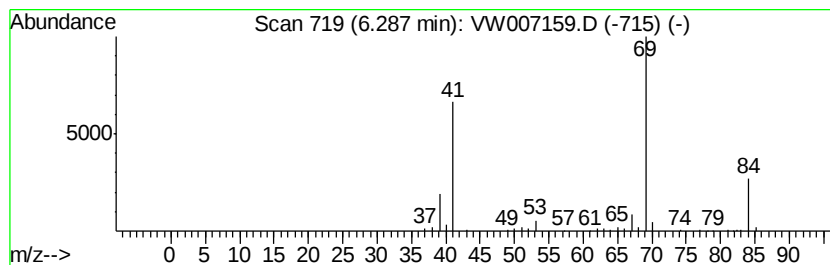
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Cyclic6.29 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	7.90 ug/L	316296	1,4-Difluorobenzene	8.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Pentene, 4-methyl-, (E)-	84 C6H12	000674-76-0	90
2	2-Pentene, 4-methyl-	84 C6H12	004461-48-7	90
3	2-Pentene, 2-methyl-	84 C6H12	000625-27-4	90
4	2-Pentene, 2-methyl-	84 C6H12	000625-27-4	90
5	1-Butene, 2,3-dimethyl-	84 C6H12	000563-78-0	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

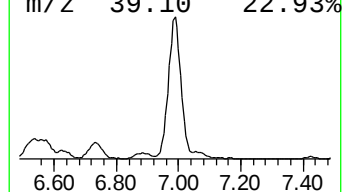
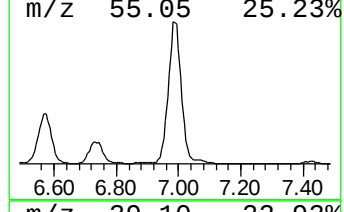
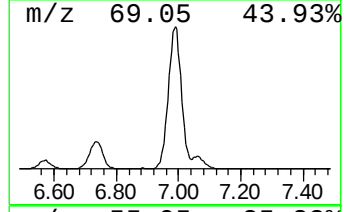
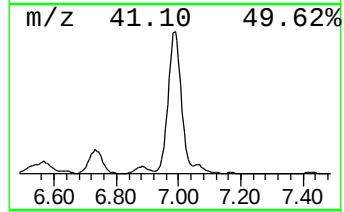
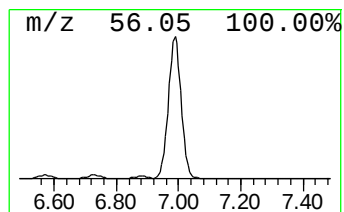
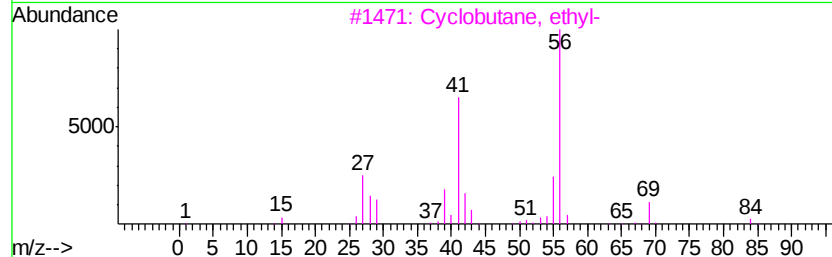
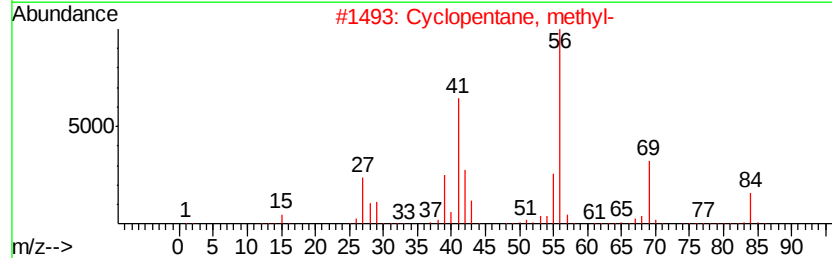
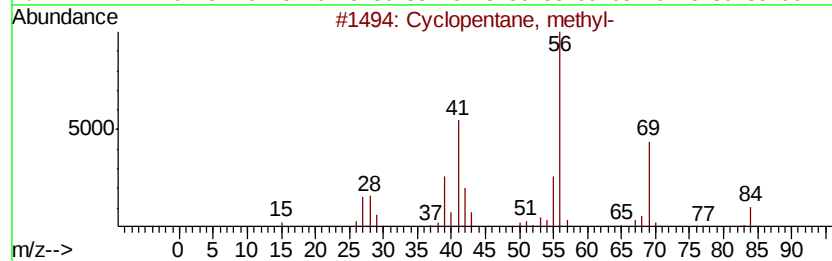
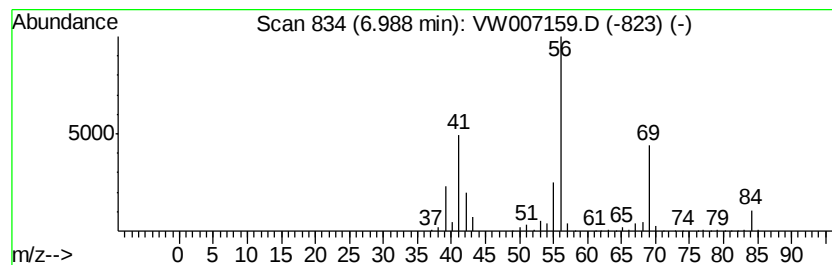
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Cyclic6.99 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	32.14 ug/L	1287430	1,4-Difluorobenzene	8.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentane, methyl-	84 C6H12	000096-37-7 94
2		Cyclopentane, methyl-	84 C6H12	000096-37-7 91
3		Cyclobutane, ethyl-	84 C6H12	004806-61-5 64
4		Cyclobutane, ethyl-	84 C6H12	004806-61-5 59
5		Cyclohexane	84 C6H12	000110-82-7 56



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

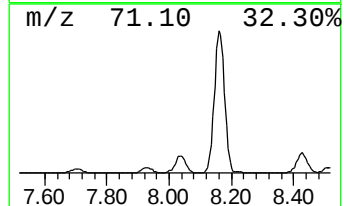
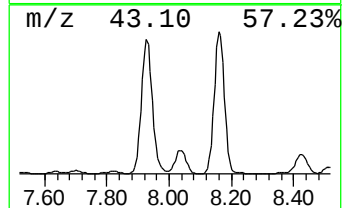
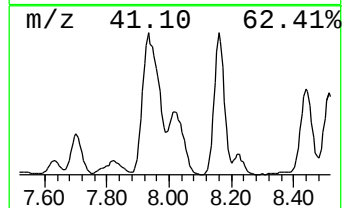
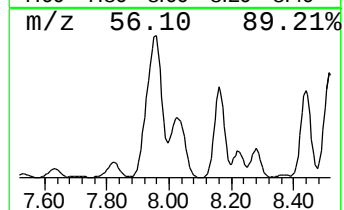
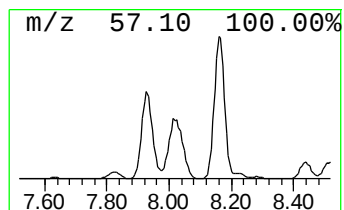
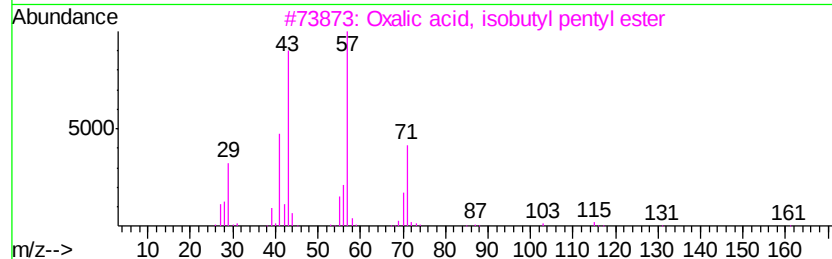
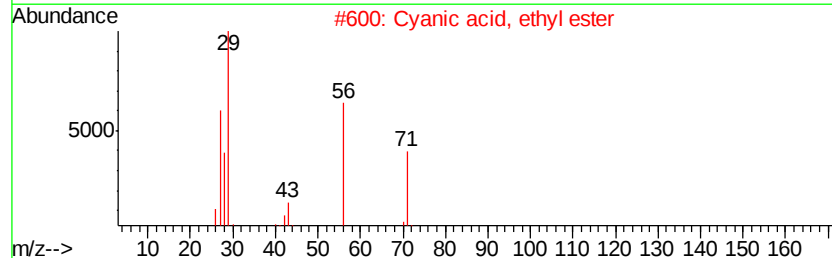
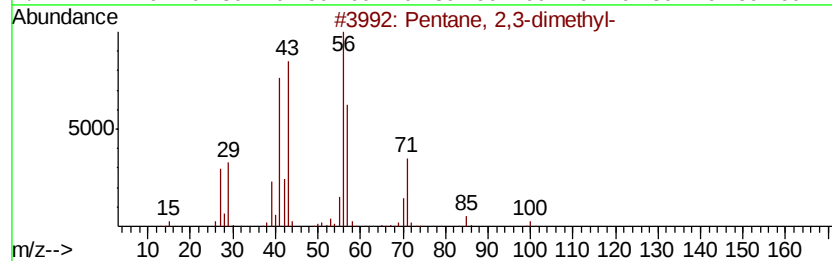
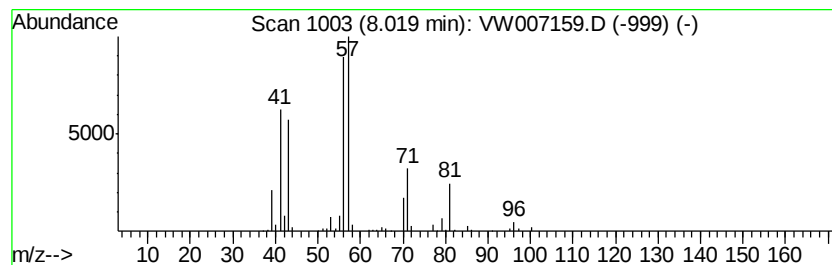
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.02	11.98 ug/L	479878	1,4-Difluorobenzene	8.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
2	Cyanic acid, ethyl ester	71	C3H5NO	000627-48-5	52
3	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	50
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	50
5	Ethane, isocyanato-	71	C3H5NO	000109-90-0	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
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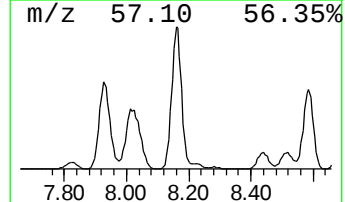
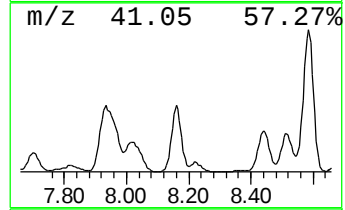
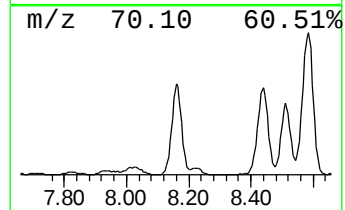
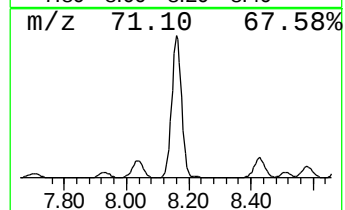
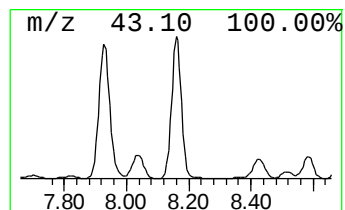
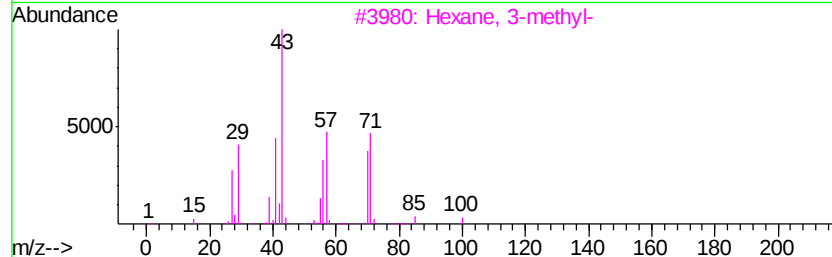
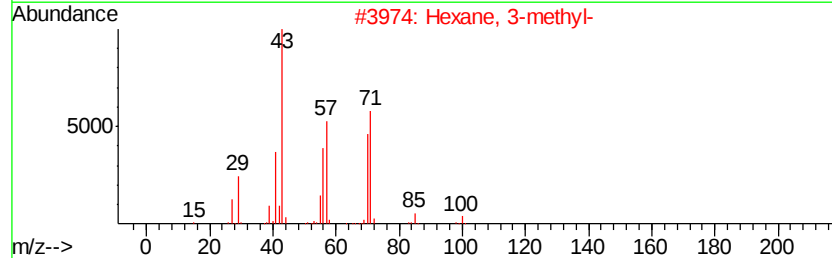
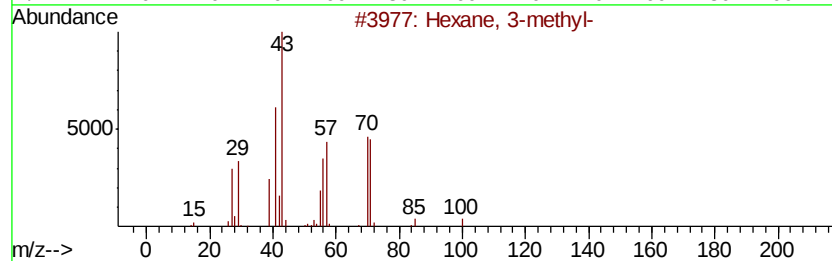
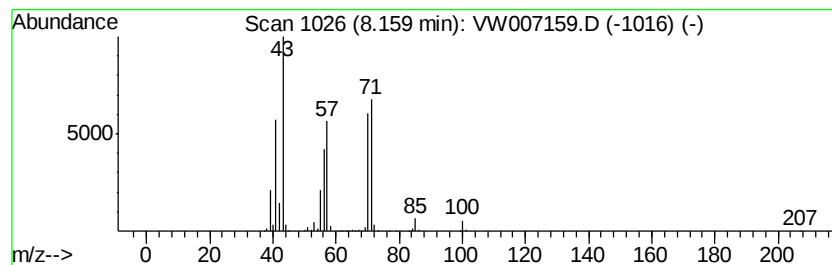
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	25.36 ug/L	1015940	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2		Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3		Hexane, 3-methyl-	100	C7H16	000589-34-4	87
4		Heptane	100	C7H16	000142-82-5	80
5		Heptane	100	C7H16	000142-82-5	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y38

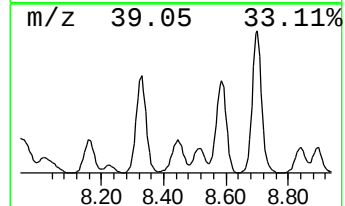
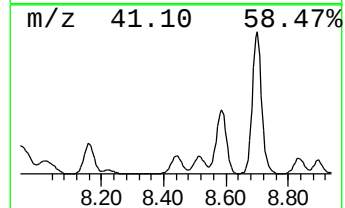
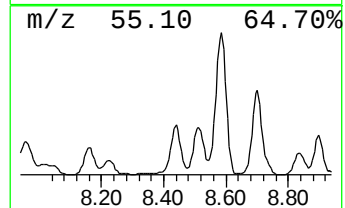
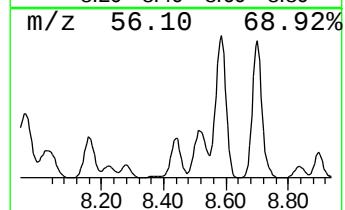
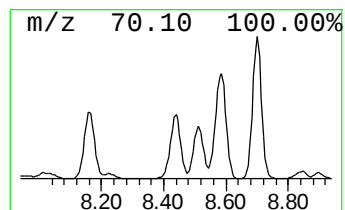
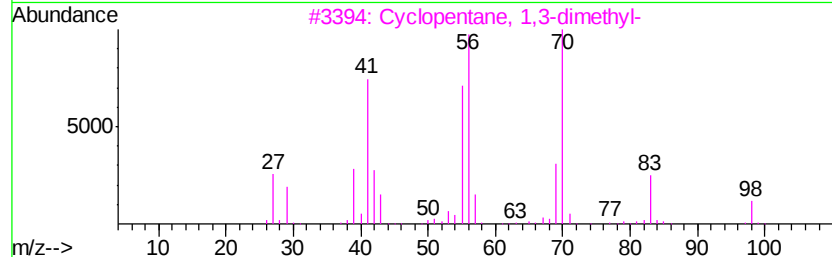
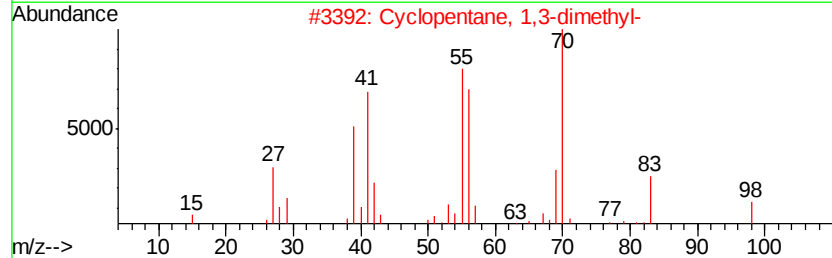
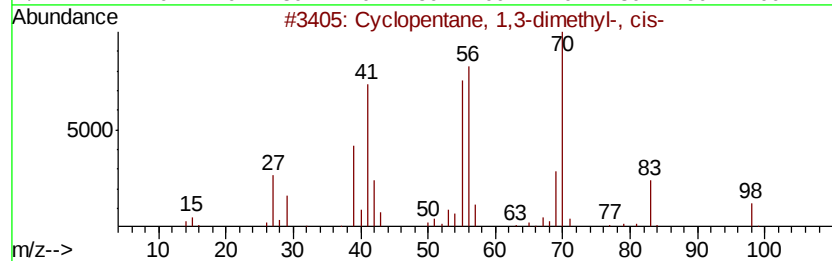
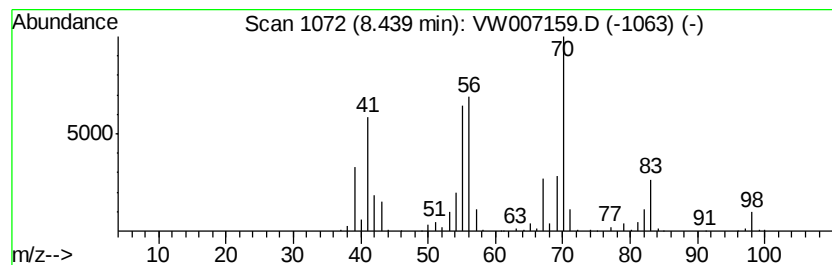
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Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Cyclic8.44 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	19.86 ug/L	795819	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	94
2		Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	81
3		Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	70
4		Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	64
5		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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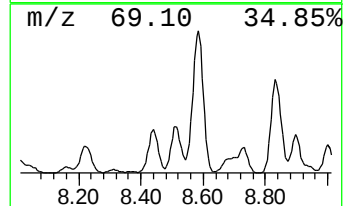
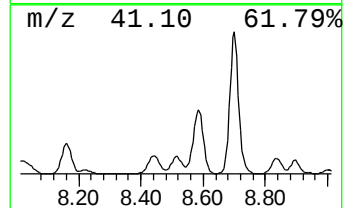
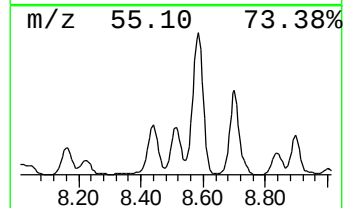
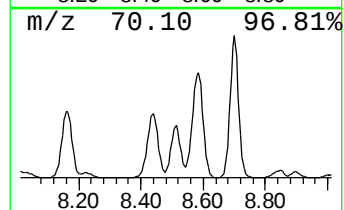
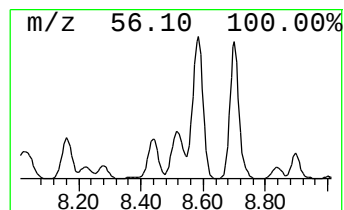
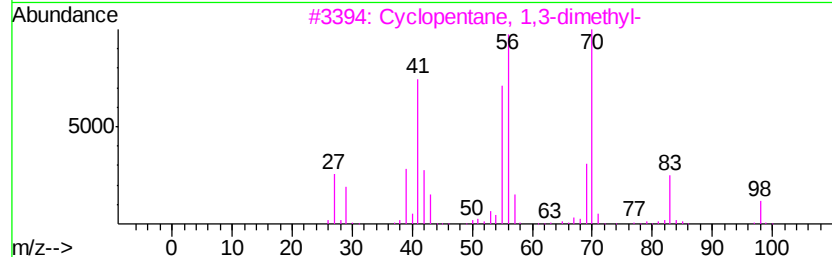
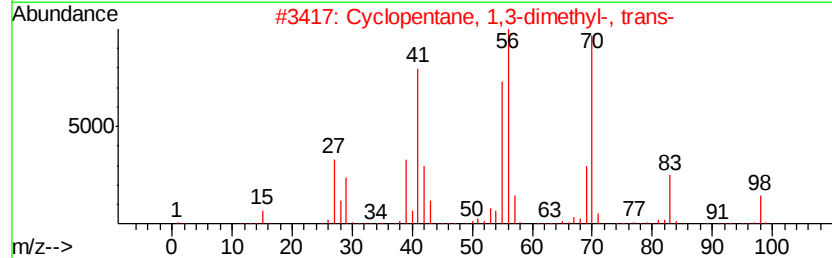
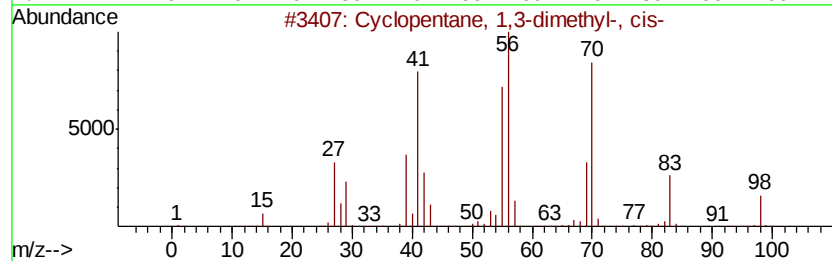
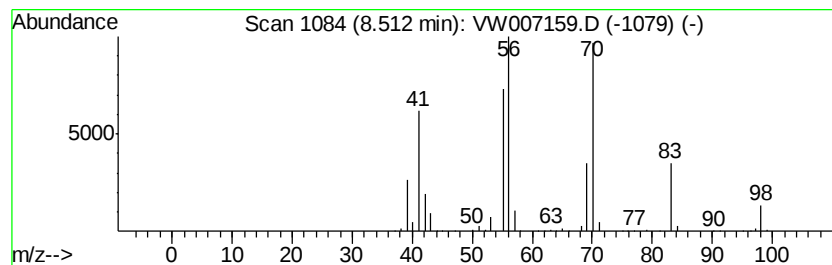
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Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Cyclic8.51 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	12.06 ug/L	483069	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	91
2		Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	91
3		Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
4		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	90
5		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

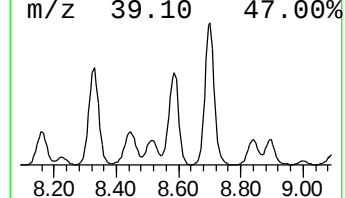
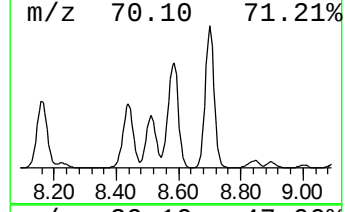
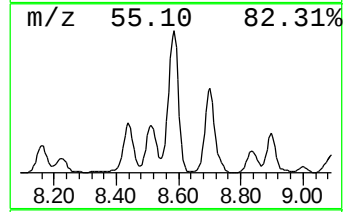
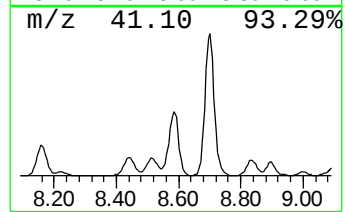
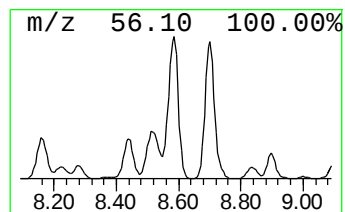
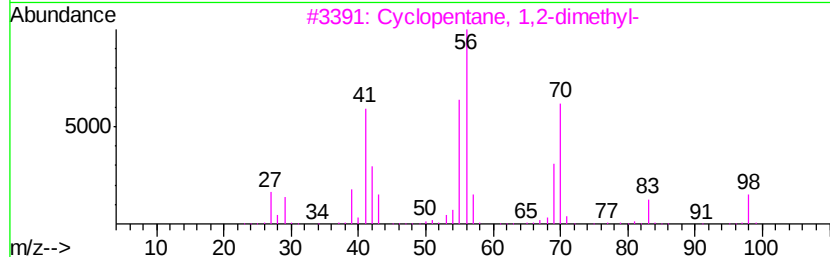
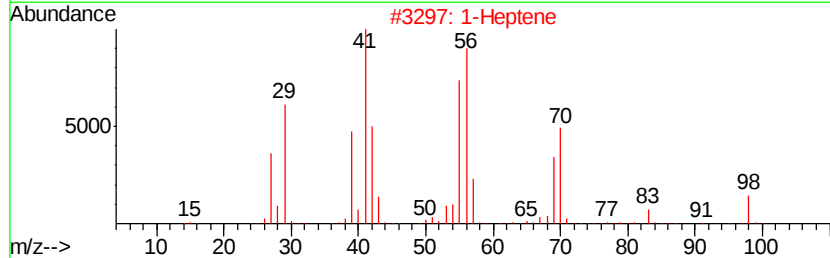
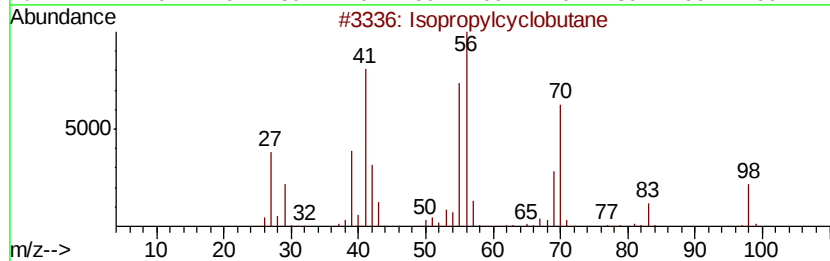
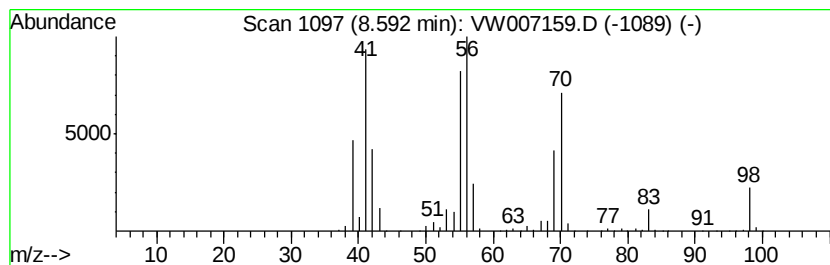
Instrument :
MSVOA_W
ClientSampleId :
F9Y38

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

Peak Number 19 (DEL) Alkane: Cyclic8.59 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.59	43.66 ug/L	1748920	1,4-Difluorobenzene	8.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	95
2	1-Heptene	98	C7H14	000592-76-7	95
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	81
4	1-Heptene	98	C7H14	000592-76-7	80
5	1-Heptene	98	C7H14	000592-76-7	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y38

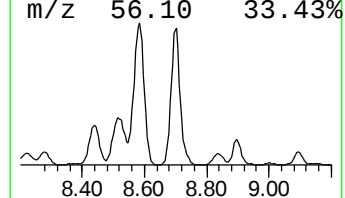
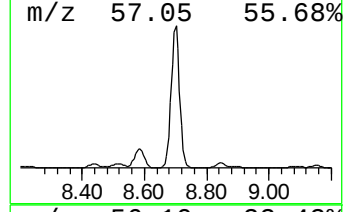
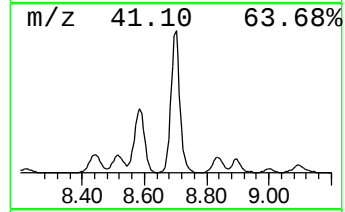
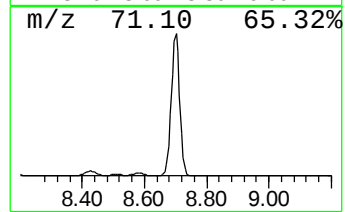
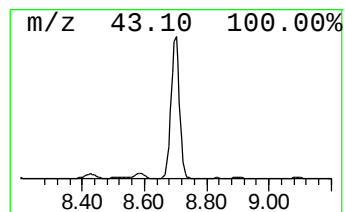
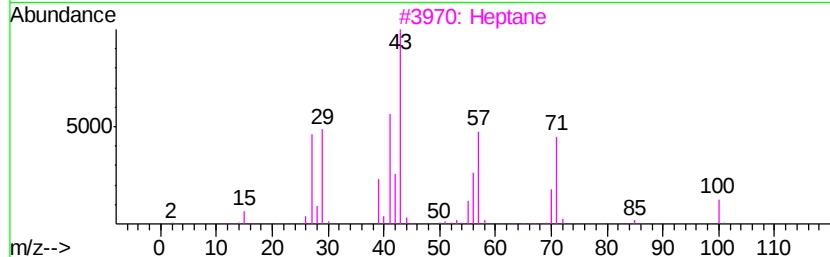
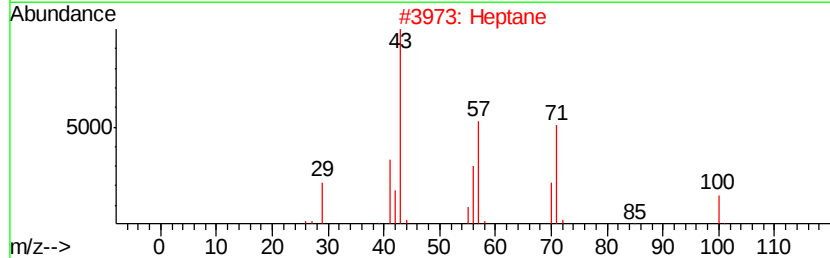
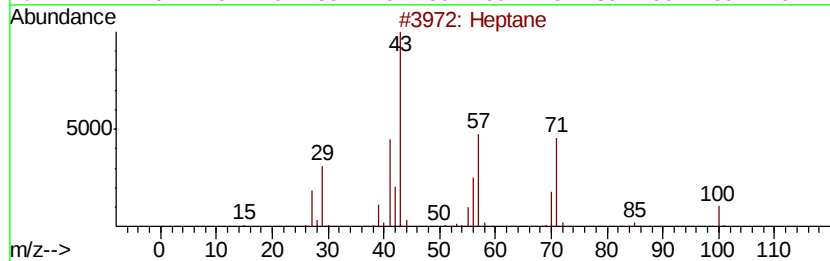
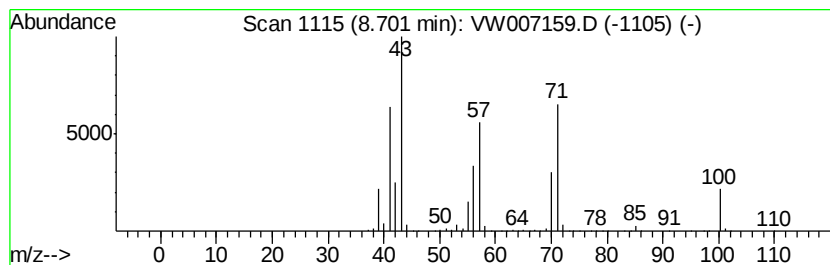
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Quant Title : VOC Analysis

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	90.50 ug/L	3625470	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane	100	C7H16	000142-82-5	91
2			Heptane	100	C7H16	000142-82-5	91
3			Heptane	100	C7H16	000142-82-5	78
4			Heptane	100	C7H16	000142-82-5	62
5			Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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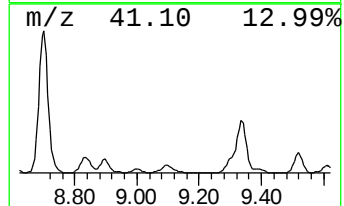
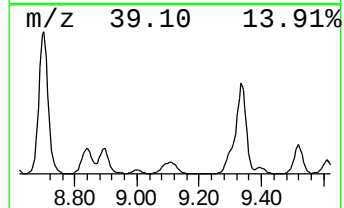
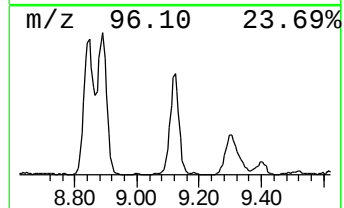
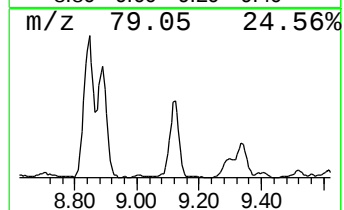
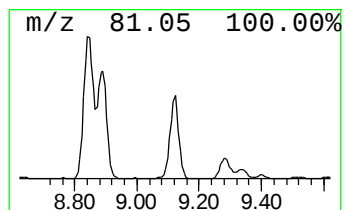
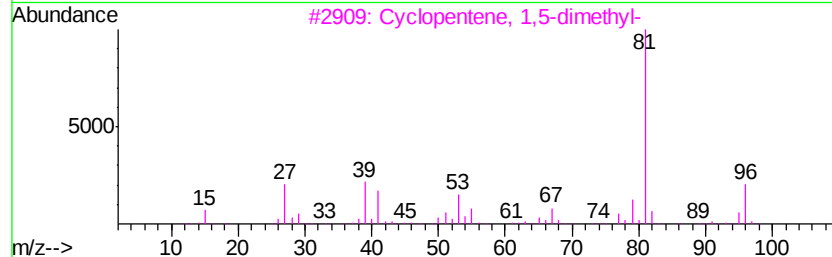
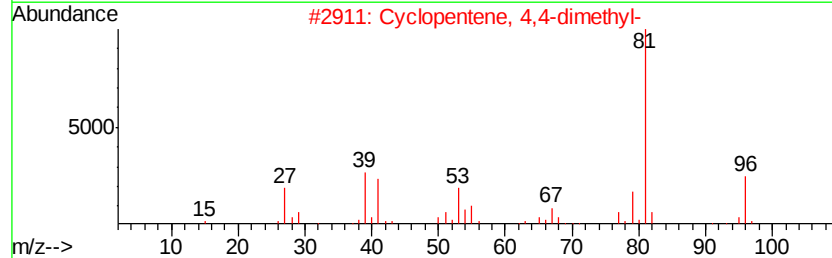
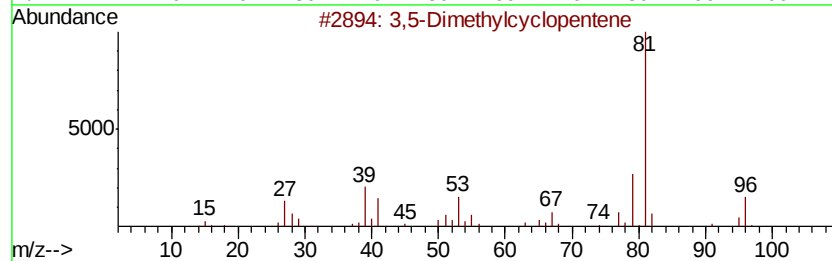
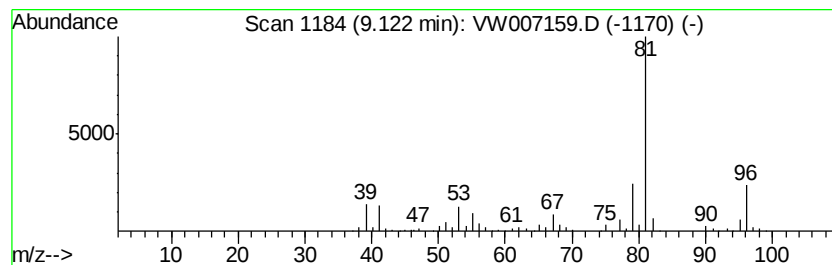
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Quant Title : VOC Analysis

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

Peak Number 21 3,5-Dimethylcyclopentene Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	10.55 ug/L	422454	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	83
2		Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	81
3		Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	81
4		Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	72
5		Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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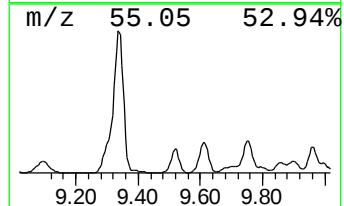
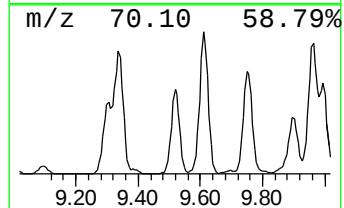
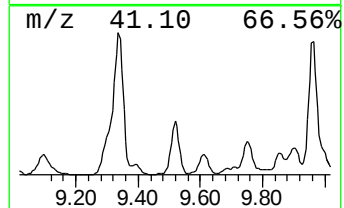
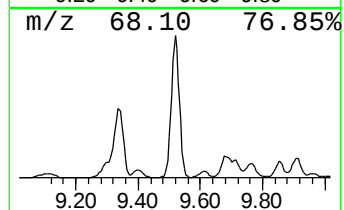
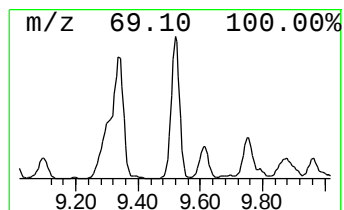
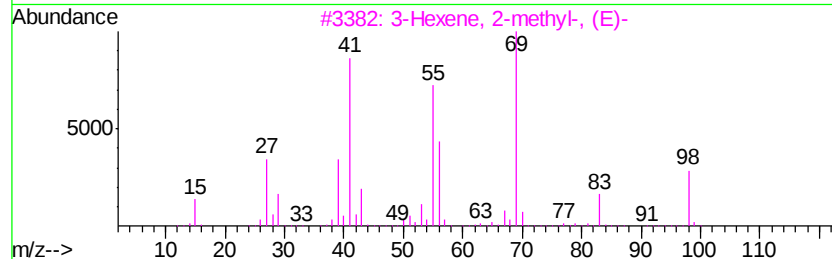
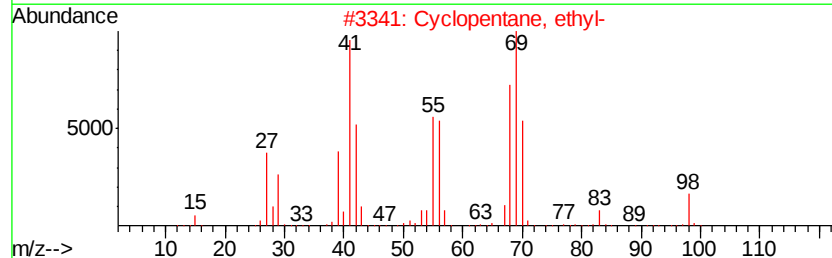
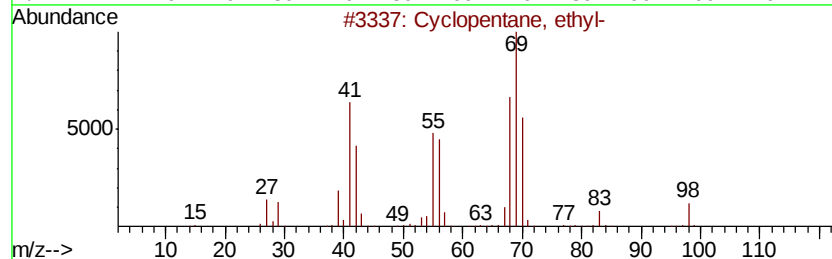
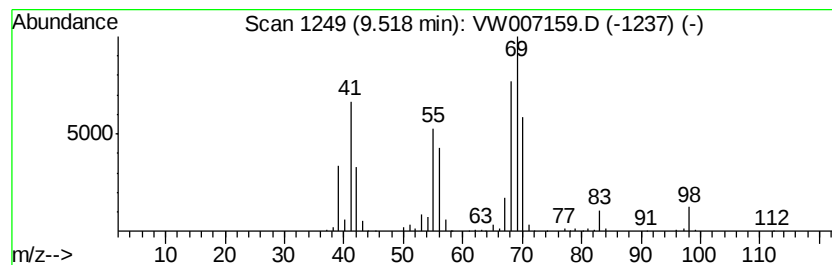
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Quant Title : VOC Analysis

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

Peak Number 22 (DEL) Alkane: Cyclic9.52 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	14.23 ug/L	570168	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, ethyl-	98	C7H14	001640-89-7	97
2		Cyclopentane, ethyl-	98	C7H14	001640-89-7	96
3		3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	45
4		1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	43
5		3-Hexene, 3-methyl-, (E)-	98	C7H14	003899-36-3	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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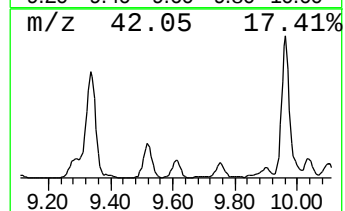
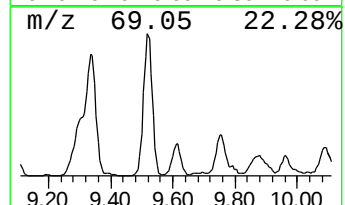
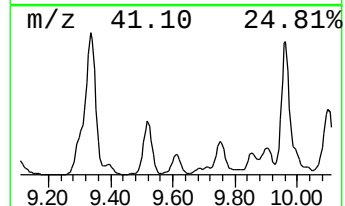
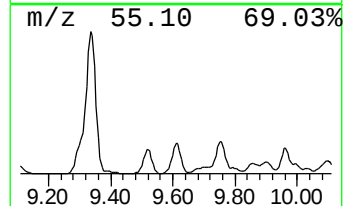
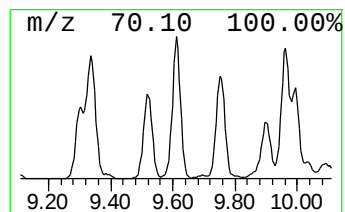
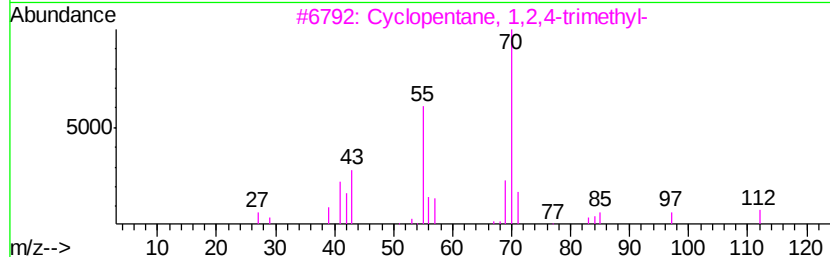
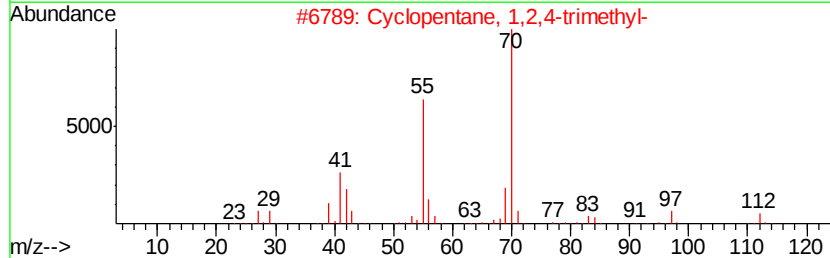
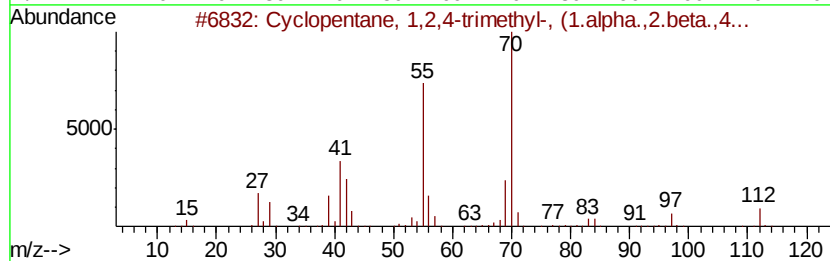
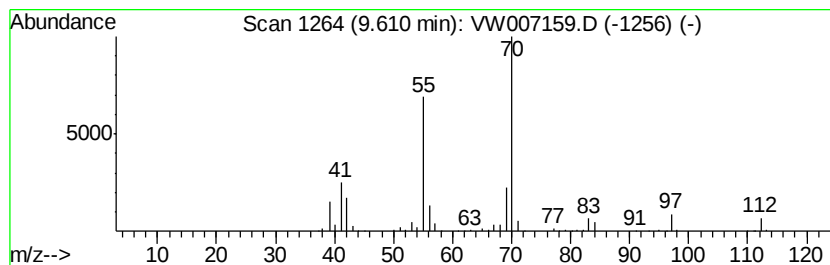
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Quant Title : VOC Analysis

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

Peak Number 23 (DEL) Alkane: Cyclic9.61 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	8.29 ug/L	332230	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	91
2			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
3			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
4			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	87
5			Heptane, 3-methylene-	112	C8H16	001632-16-2	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y38

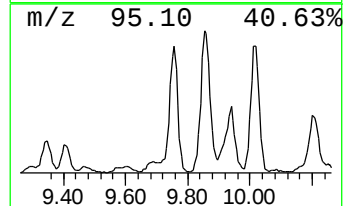
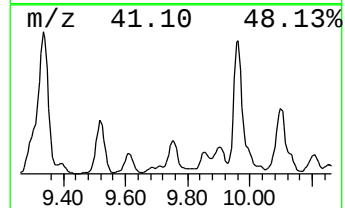
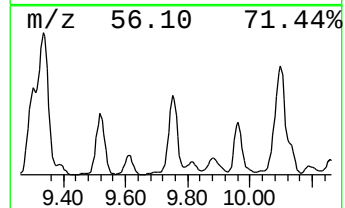
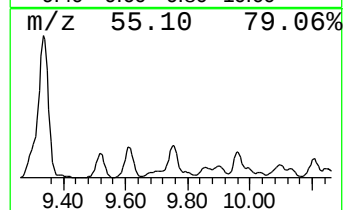
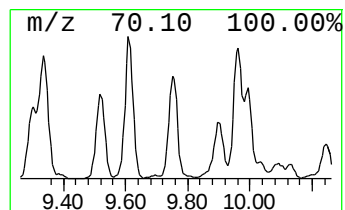
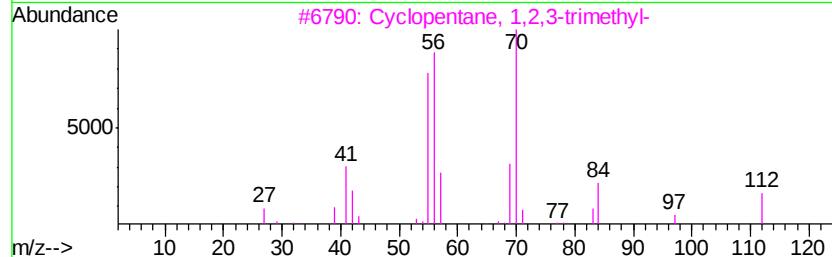
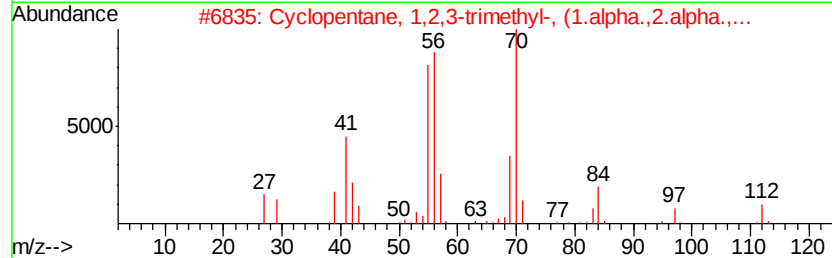
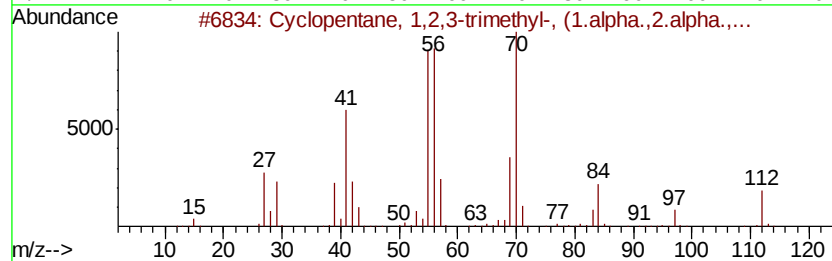
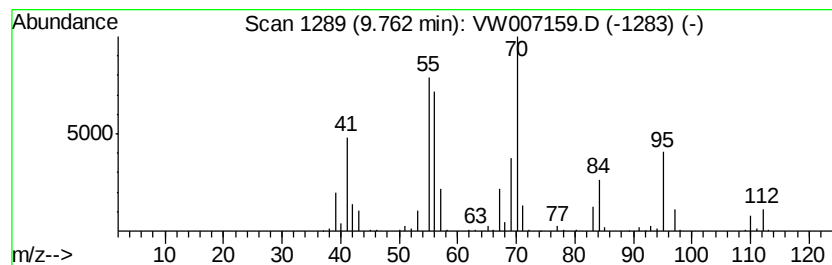
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Quant Title : VOC Analysis

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

Peak Number 24 (DEL) Alkane: Cyclic9.76 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	11.76 ug/L	471292	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	94
2		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	93
3		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002815-57-8	87
4		1-Heptene, 3-methyl-, ...	112	C8H16	004810-09-7	76
5		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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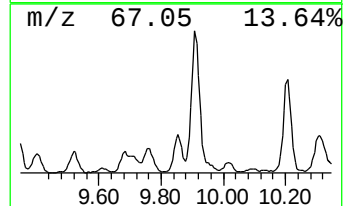
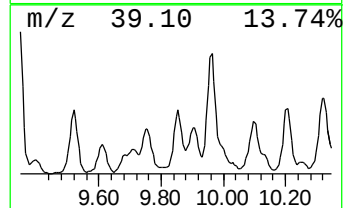
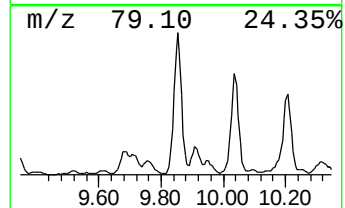
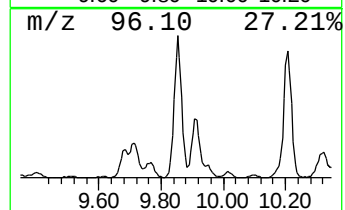
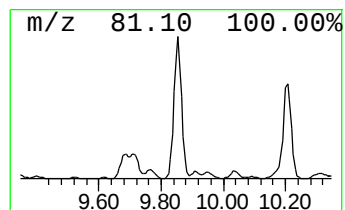
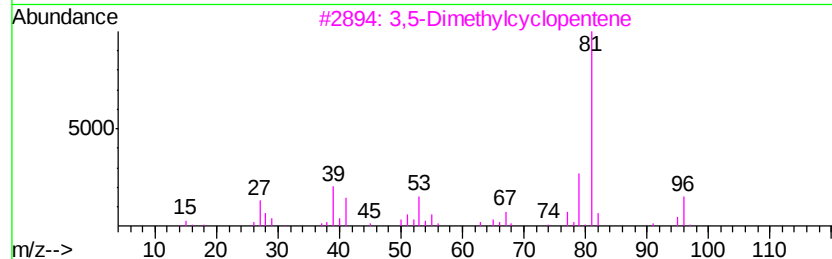
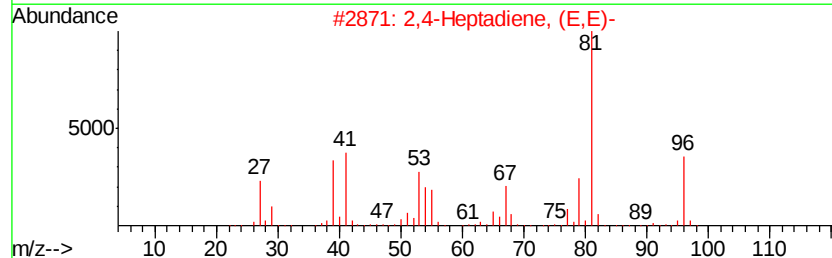
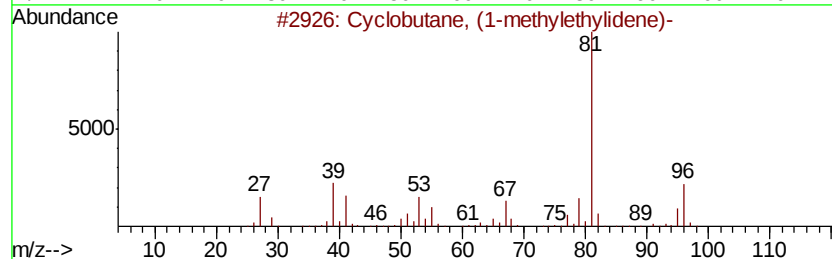
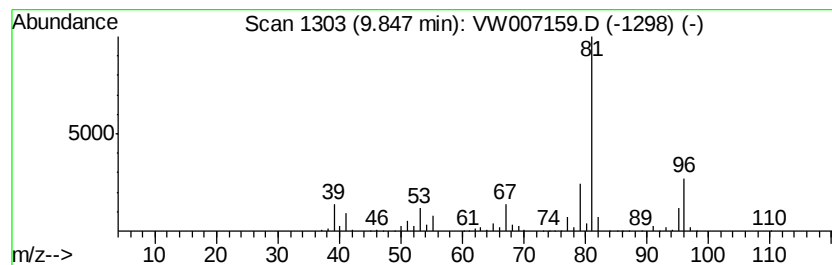
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Quant Title : VOC Analysis

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

Peak Number 25 Cyclobutane, (1-methylethyl... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	14.99 ug/L	600344	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	91
2		2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	83
3		3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	83
4		Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	78
5		1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y38

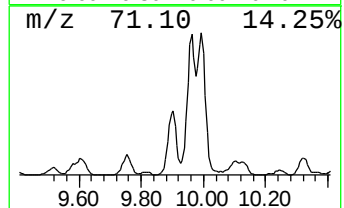
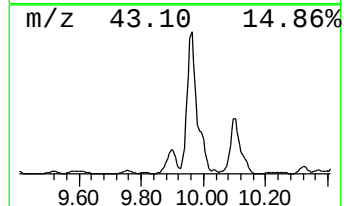
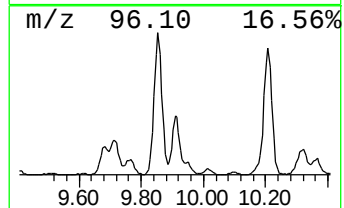
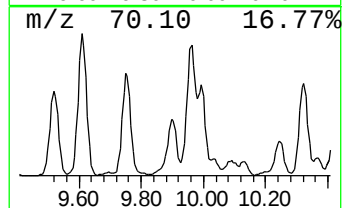
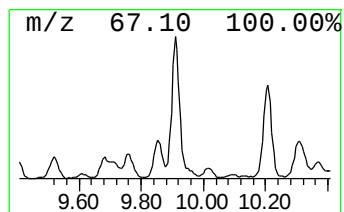
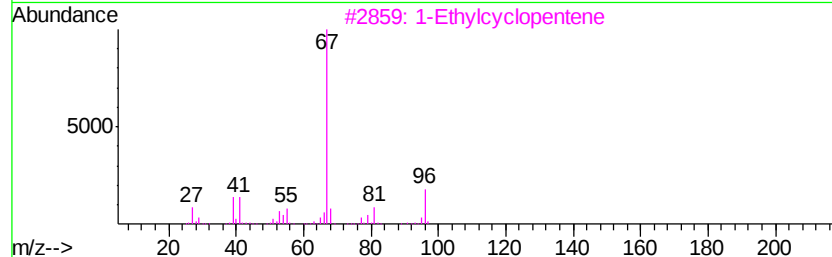
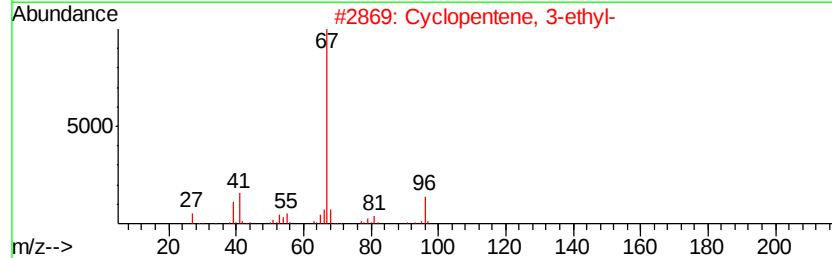
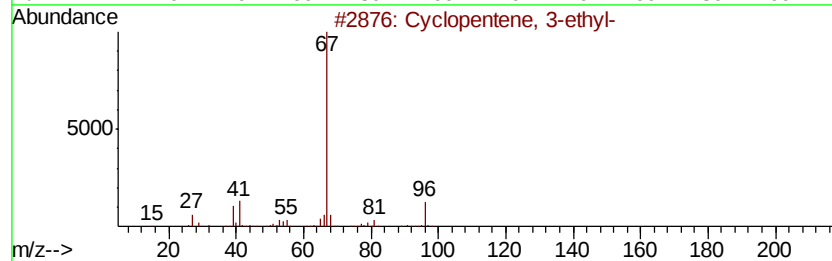
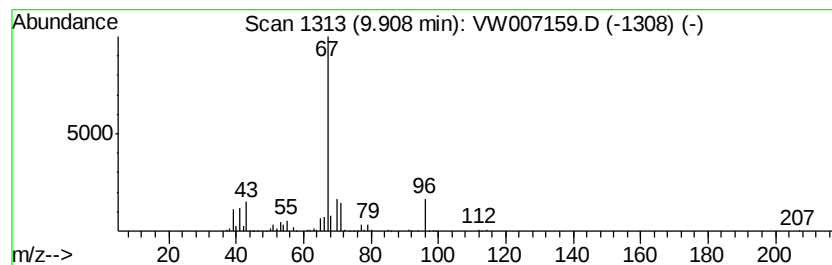
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Quant Title : VOC Analysis

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

Peak Number 26 Cyclopentene, 3-ethyl- Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	8.90 ug/L	356545	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentene, 3-ethyl-	96	C7H12	000694-35-9	74
2		Cyclopentene, 3-ethyl-	96	C7H12	000694-35-9	72
3		1-Ethylcyclopentene	96	C7H12	002146-38-5	64
4		Cyclopentane, ethylidene-	96	C7H12	002146-37-4	58
5		3-(2-Propenyl)cyclopentene	108	C8H12	014564-97-7	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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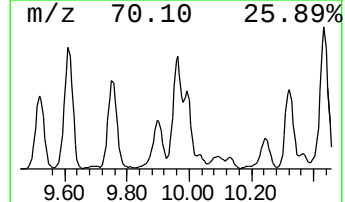
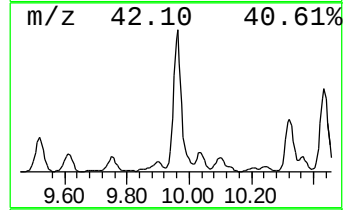
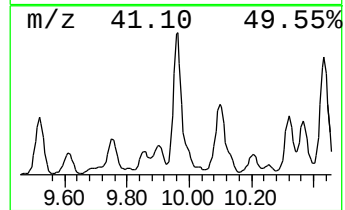
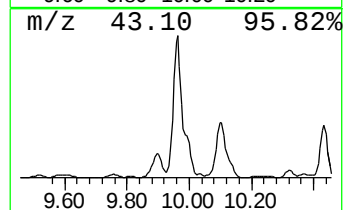
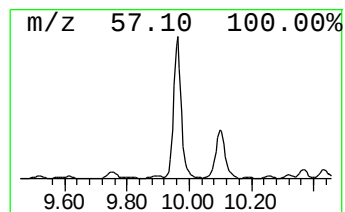
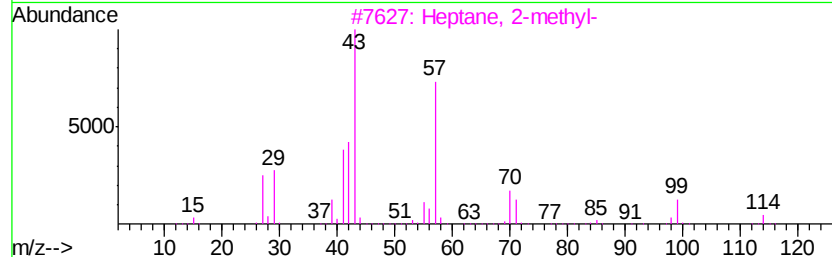
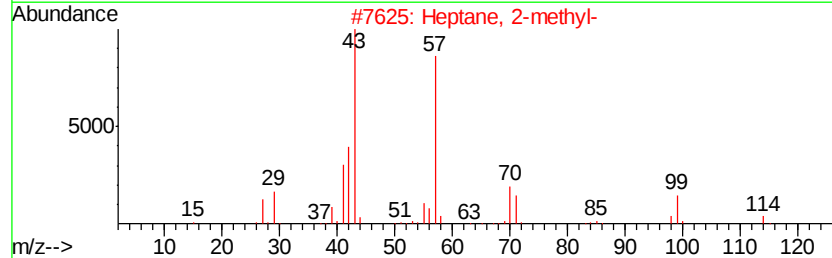
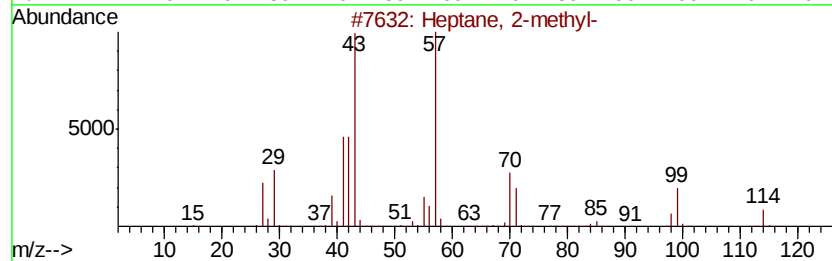
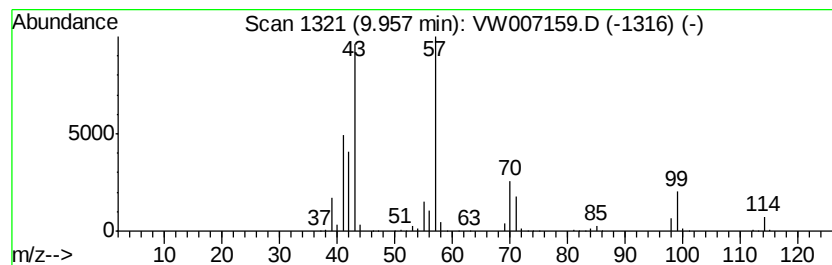
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Quant Title : VOC Analysis

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	37.69 ug/L	1509770	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2-methyl-	114	C8H18	000592-27-8	97
2		Heptane, 2-methyl-	114	C8H18	000592-27-8	94
3		Heptane, 2-methyl-	114	C8H18	000592-27-8	94
4		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	58
5		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

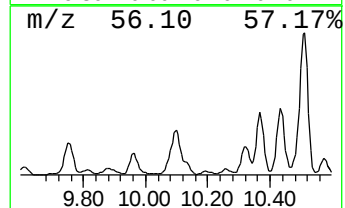
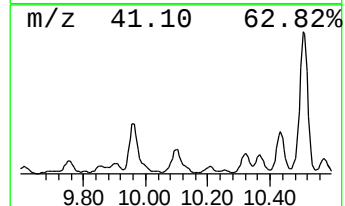
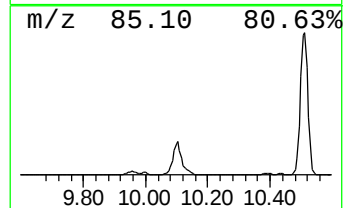
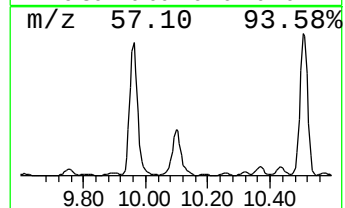
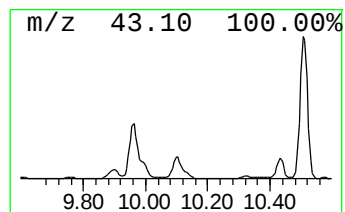
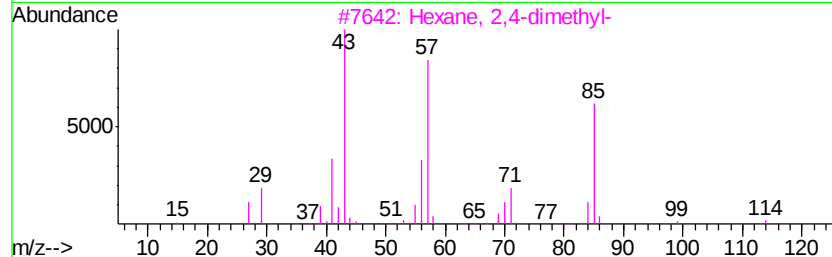
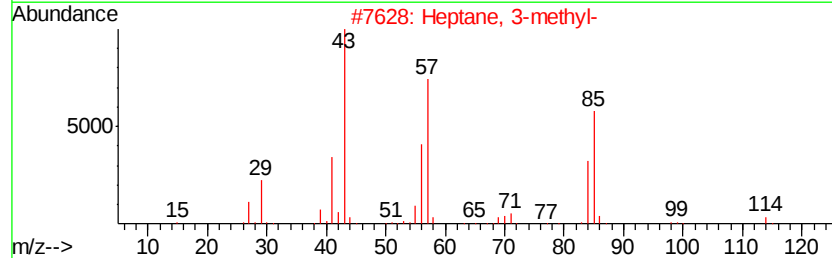
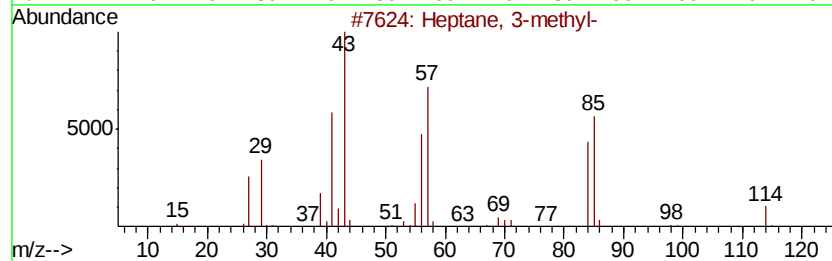
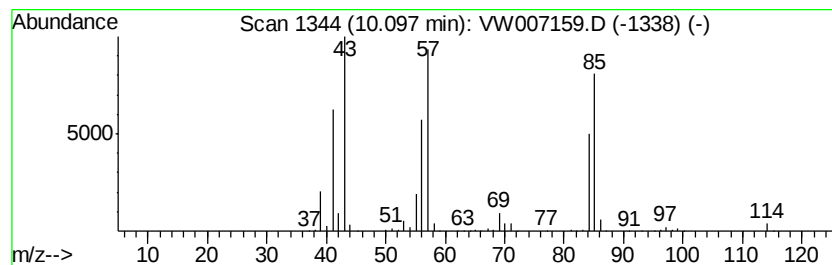
Instrument :
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ClientSampled :
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Quant Title : VOC Analysis

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

Peak Number 28 (DEL) Alkane: Cyclic10.10 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	20.46 ug/L	819598	1,4-Difluorobenzene	8.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heptane, 3-methyl-	114 C8H18	000589-81-1 91
2		Heptane, 3-methyl-	114 C8H18	000589-81-1 91
3		Hexane, 2,4-dimethyl-	114 C8H18	000589-43-5 64
4		Heptane, 3,4,5-trimethyl-	142 C10H22	020278-89-1 64
5		Hexane, 1-(hexyloxy)-2-methyl-	200 C13H28O	074421-17-3 64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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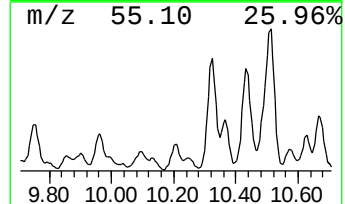
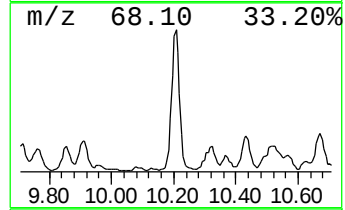
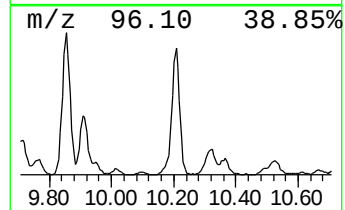
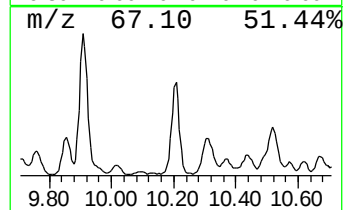
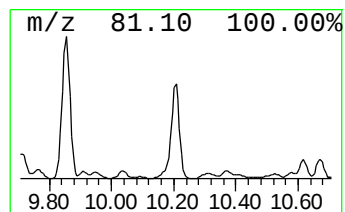
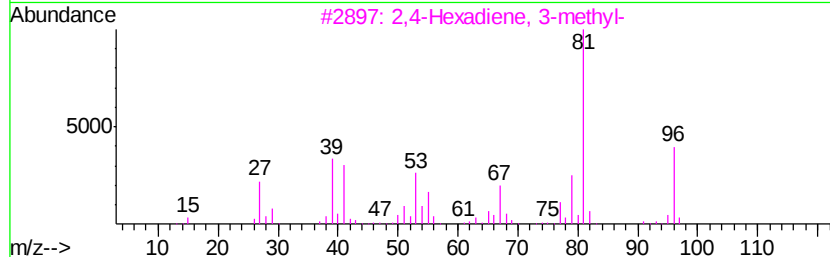
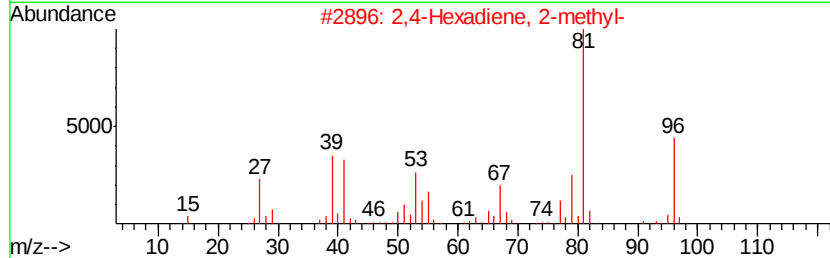
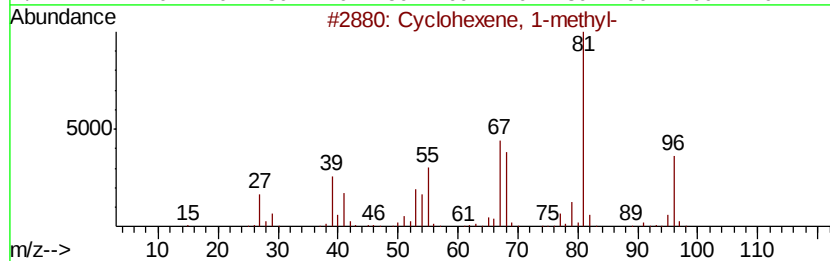
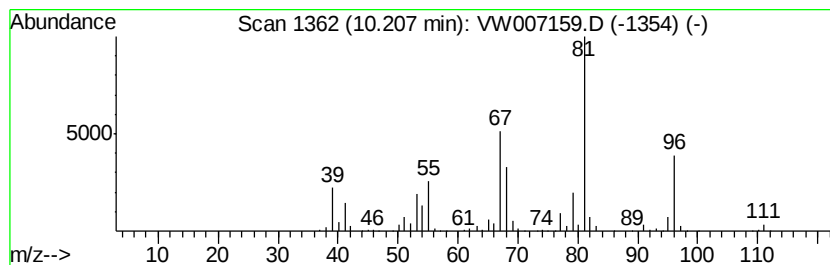
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Quant Title : VOC Analysis

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

Peak Number 29 Cyclohexene, 1-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	15.15 ug/L	607018	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	94
2			2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	93
3			2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	93
4			Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	91
5			Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y38

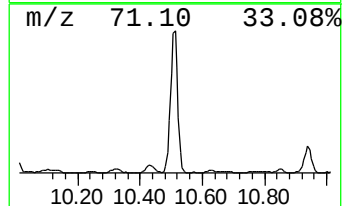
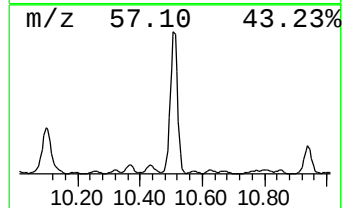
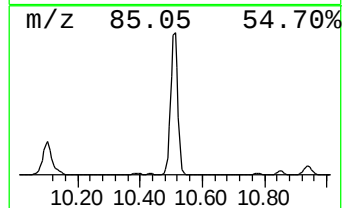
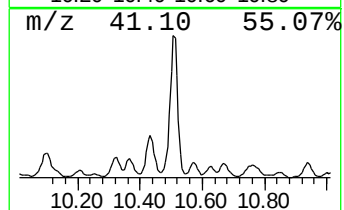
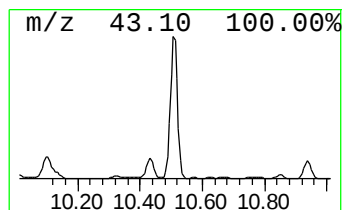
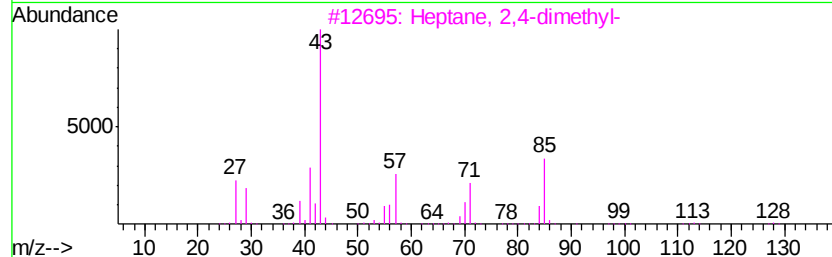
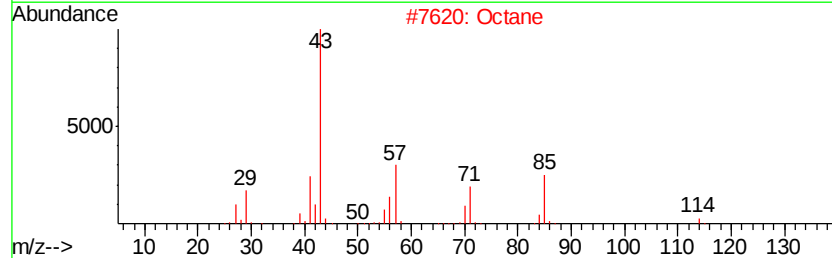
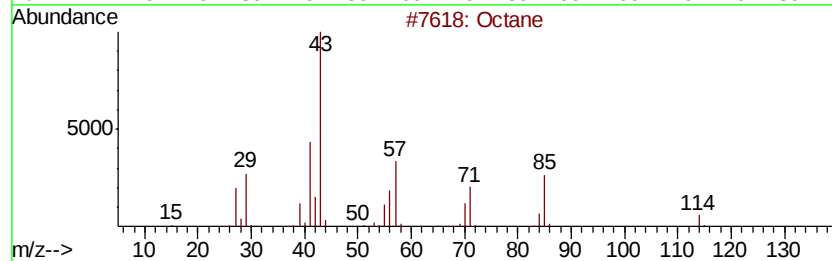
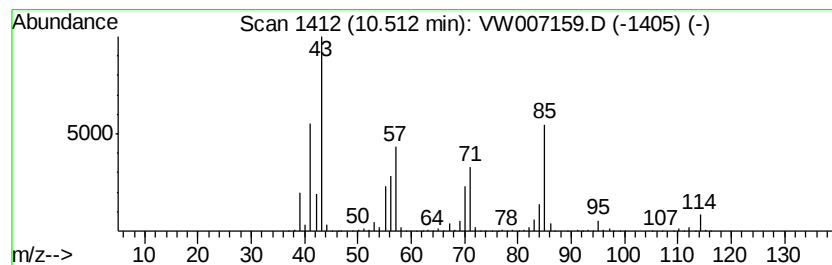
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Quant Title : VOC Analysis

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	138.20 ug/L	3745420	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane	114	C8H18	000111-65-9	87
2		Octane	114	C8H18	000111-65-9	87
3		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
4		Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	64
5		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

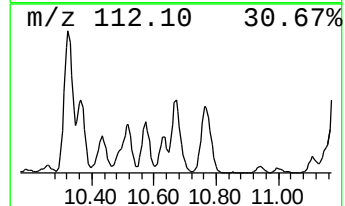
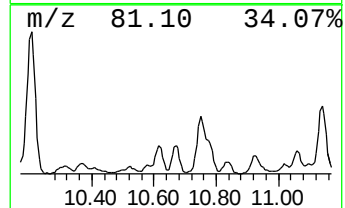
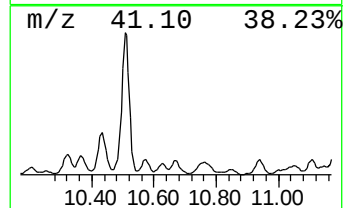
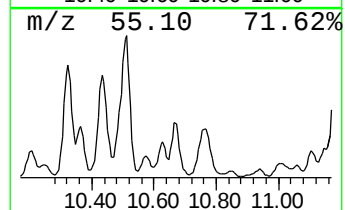
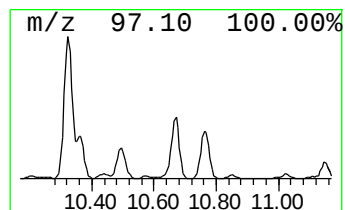
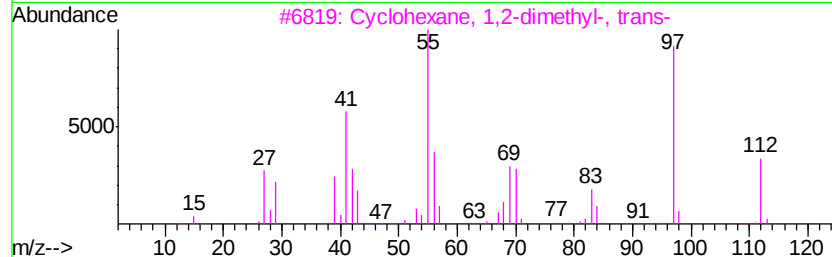
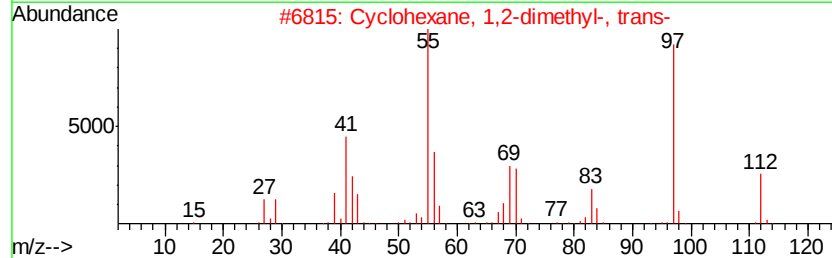
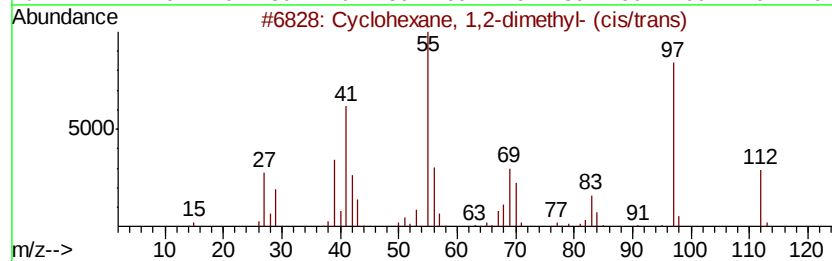
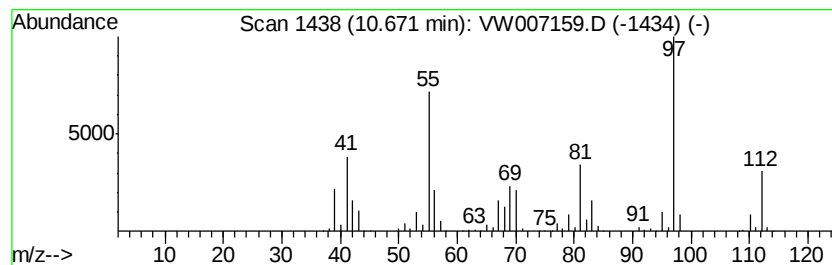
Instrument :
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ClientSampleId :
F9Y38

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

Peak Number 31 (DEL) Alkane: Cyclic10.67 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.67	16.71 ug/L	452765	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90
2		Cvclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87
3		Cvclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87
4		Cvclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	83
5		Cvclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

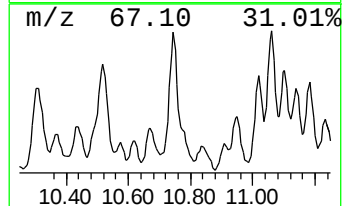
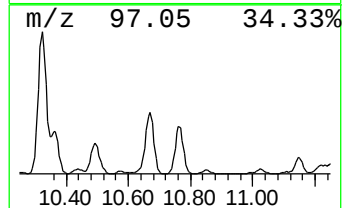
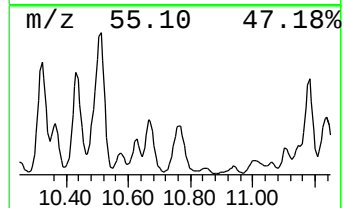
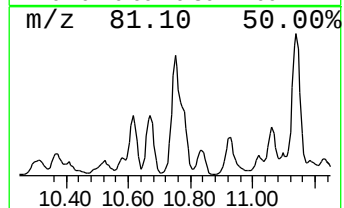
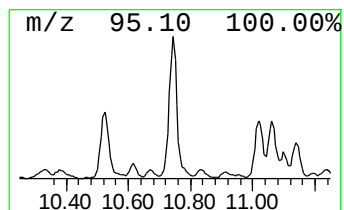
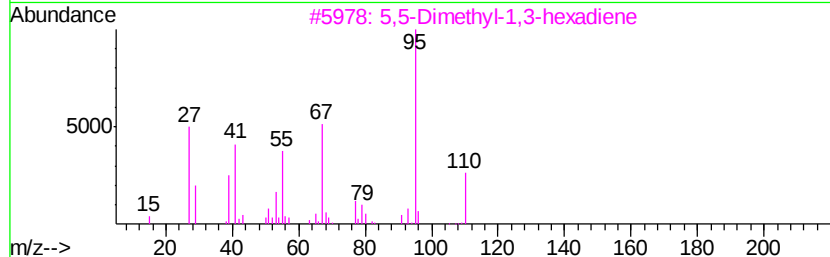
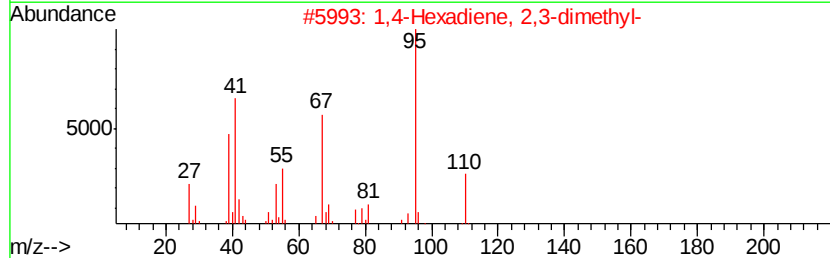
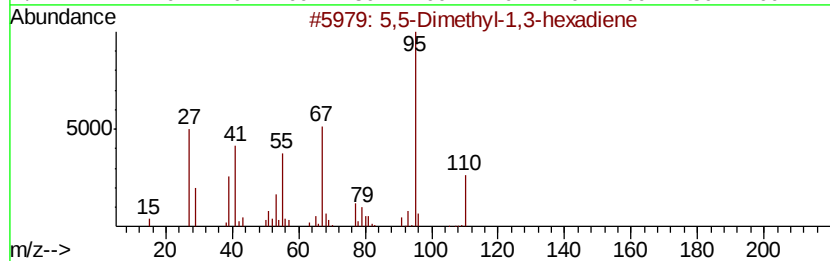
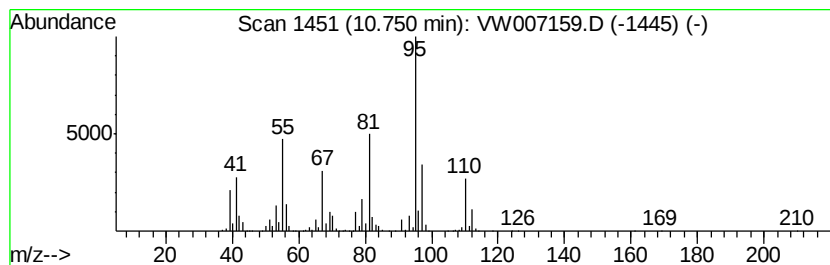
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

Peak Number 32 5,5-Dimethyl-1,3-hexadiene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.75	32.81 ug/L	889184	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	74	
2	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	68	
3	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	68	
4	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	68	
5	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	64	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y38

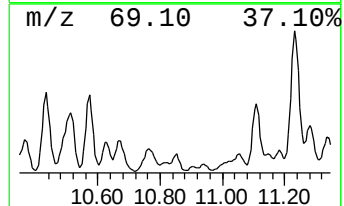
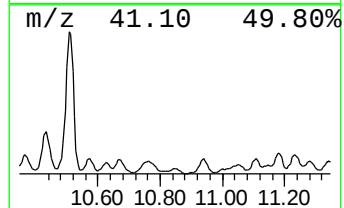
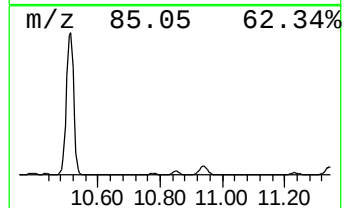
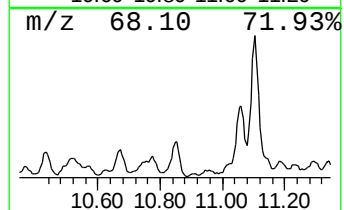
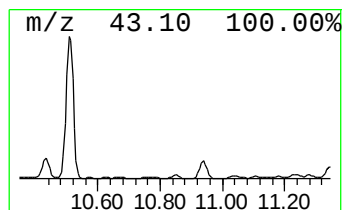
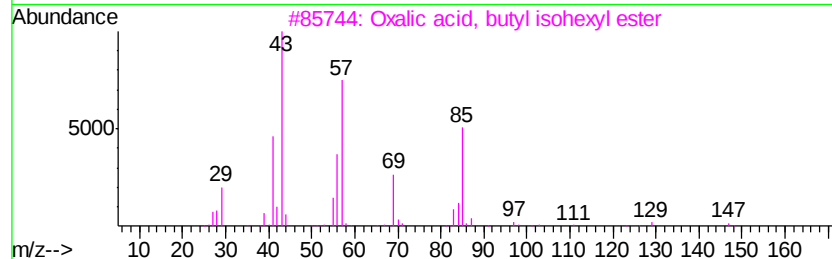
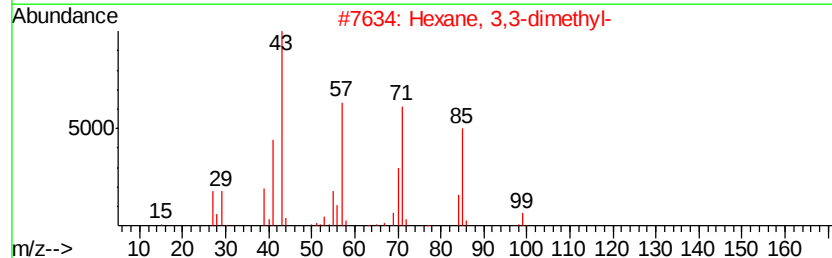
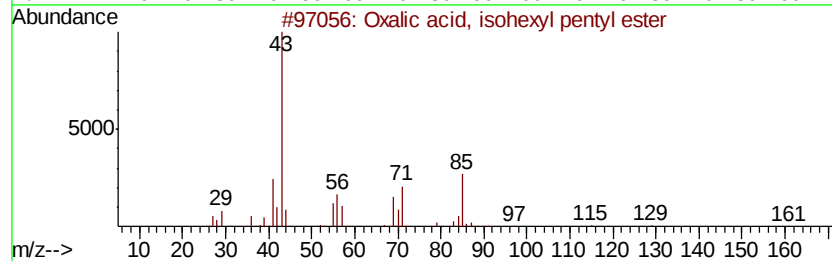
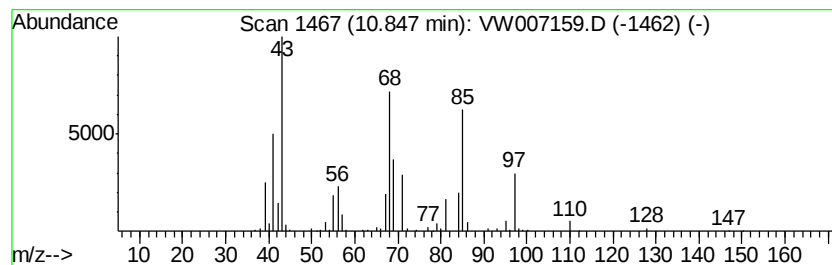
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Quant Title : VOC Analysis

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

Peak Number 33 unknown-01 Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	7.16 ug/L	193958	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	35
2			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	35
3			Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	35
4			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	35
5			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y38

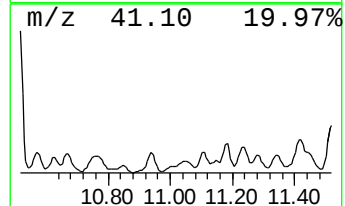
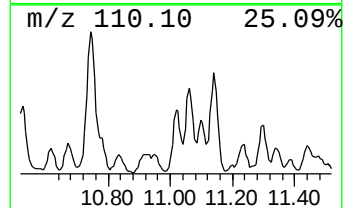
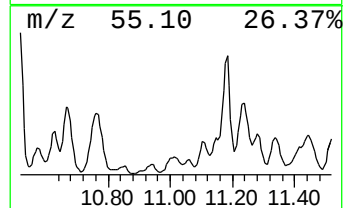
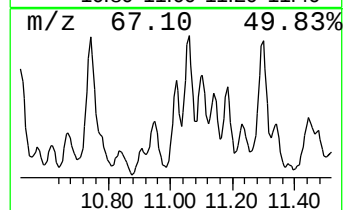
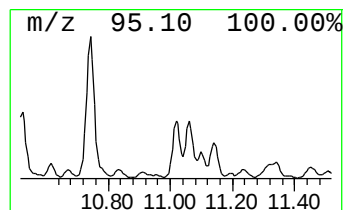
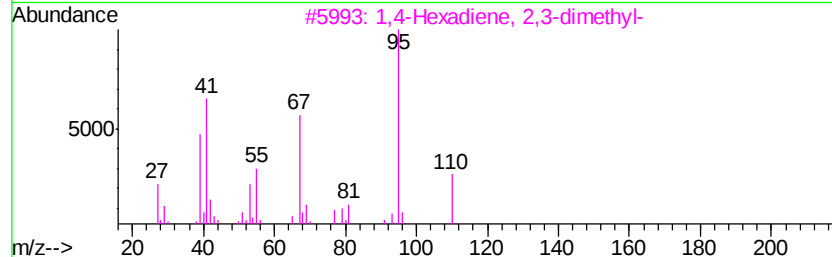
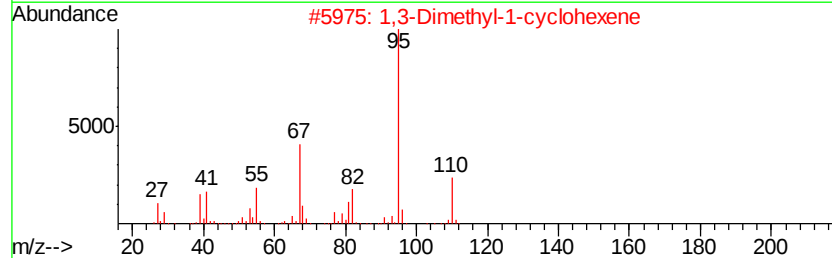
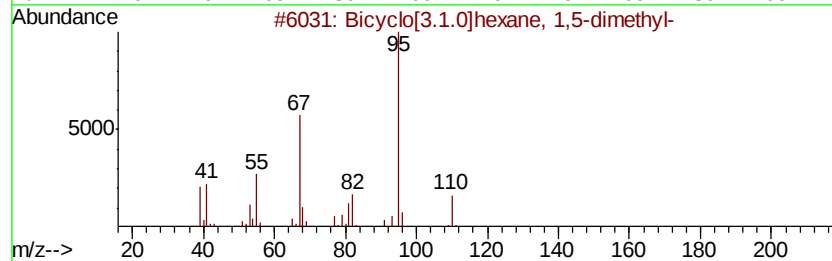
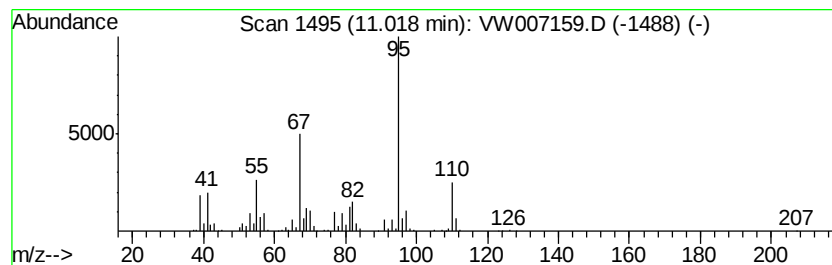
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Quant Title : VOC Analysis

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

Peak Number 34 Bicyclo[3.1.0]hexane, 1,5-d... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	11.84 ug/L	320955	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	87
2		1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	87
3		1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	76
4		Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	74
5		Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

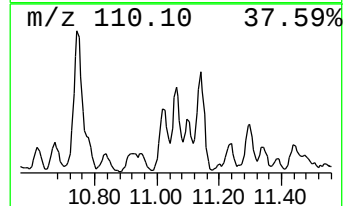
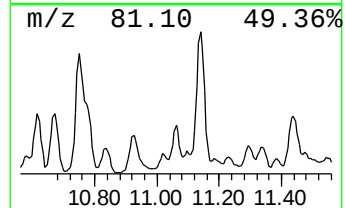
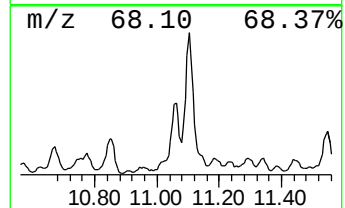
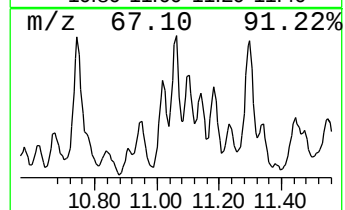
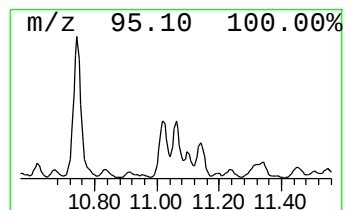
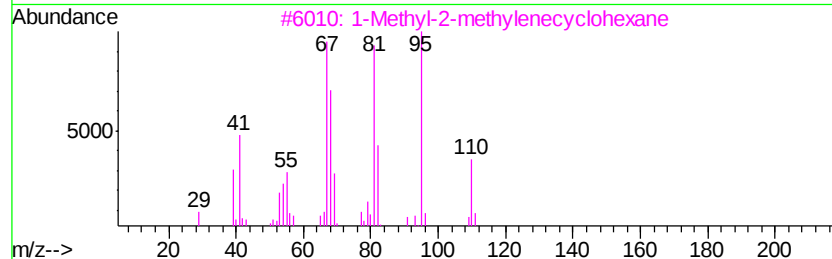
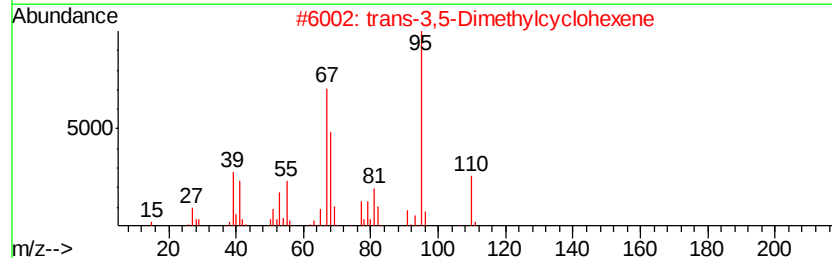
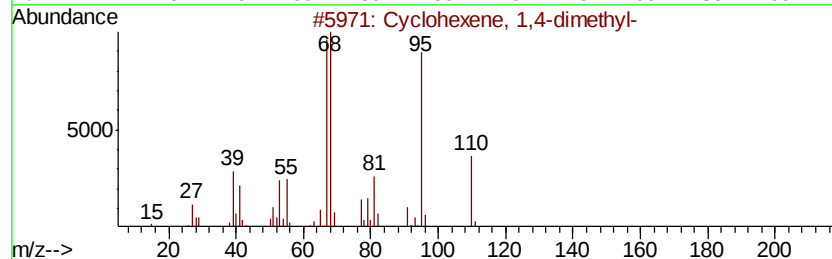
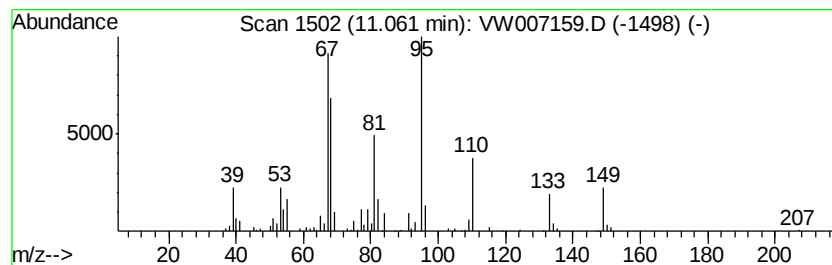
Instrument :
MSVOA_W
ClientSampleId :
F9Y38

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

Peak Number 35 Cyclohexene, 1,4-dimethyl- Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.06	8.27 ug/L	224033	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclohexene, 1,4-dimethyl-	110	C8H14	002808-79-9	76
2		trans-3,5-Dimethylcvclohexene	110	C8H14	056021-63-7	74
3		1-Methyl-2-methylenecvclohexane	110	C8H14	002808-75-5	72
4		Cvclohexene, 1,6-dimethyl-	110	C8H14	001759-64-4	64
5		1,3-Hexadiene, 2,5-dimethyl-	110	C8H14	029253-64-3	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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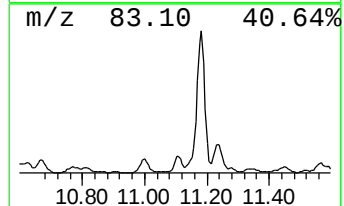
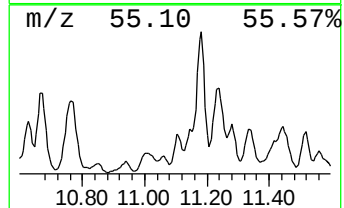
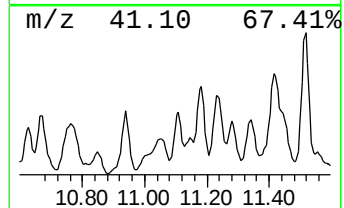
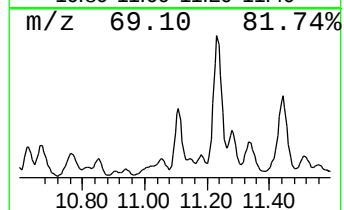
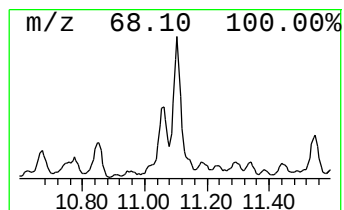
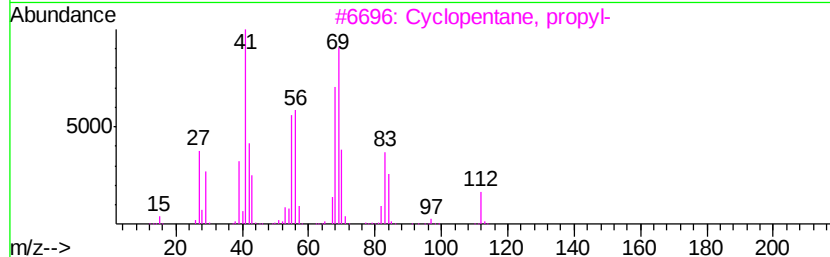
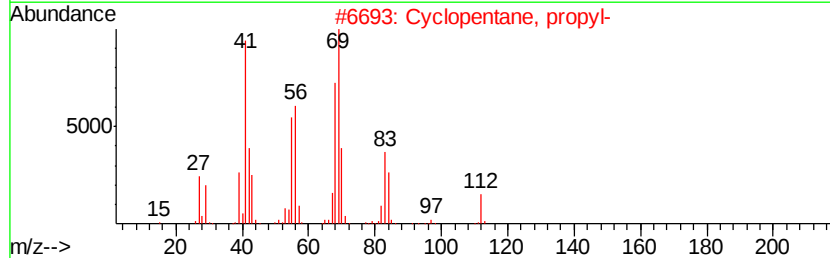
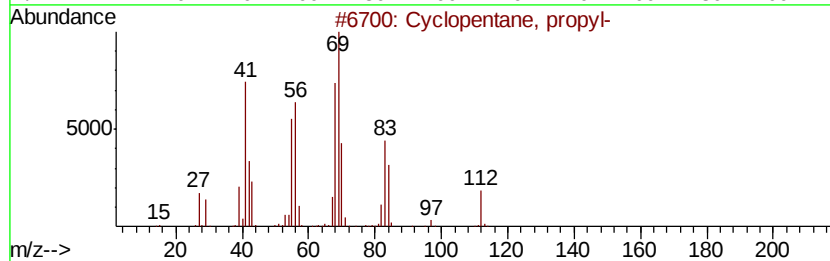
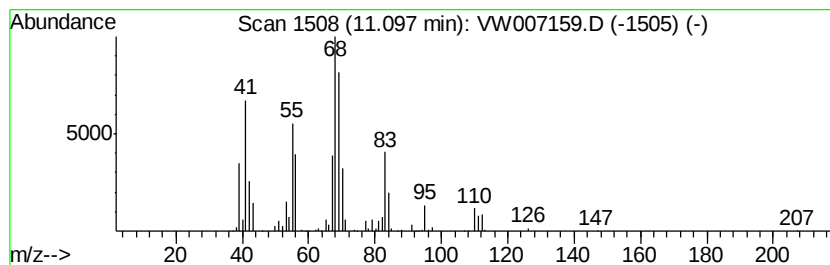
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Quant Title : VOC Analysis

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

Peak Number 36 (DEL) Alkane: Cyclic11.10 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	10.70 ug/L	290034	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, propyl-	112	C8H16	002040-96-2	81
2		Cyclopentane, propyl-	112	C8H16	002040-96-2	81
3		Cyclopentane, propyl-	112	C8H16	002040-96-2	81
4		Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	46
5		Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y38

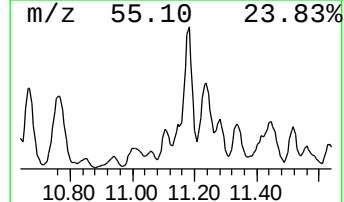
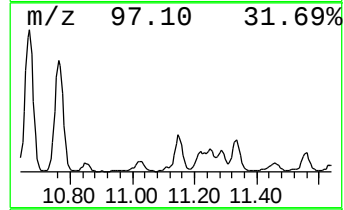
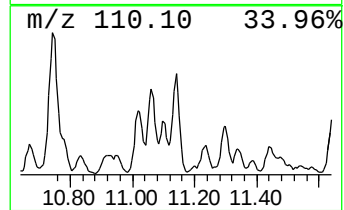
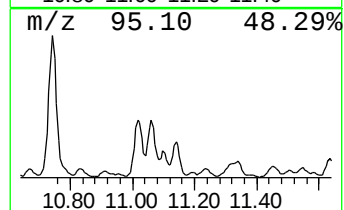
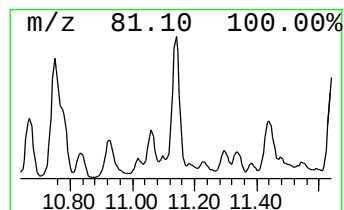
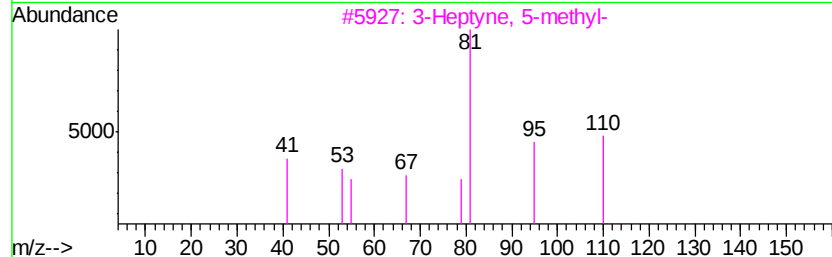
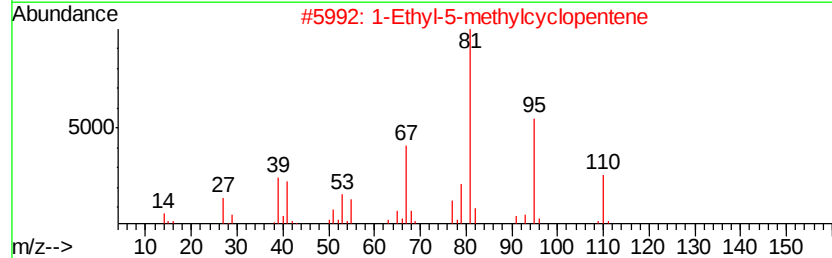
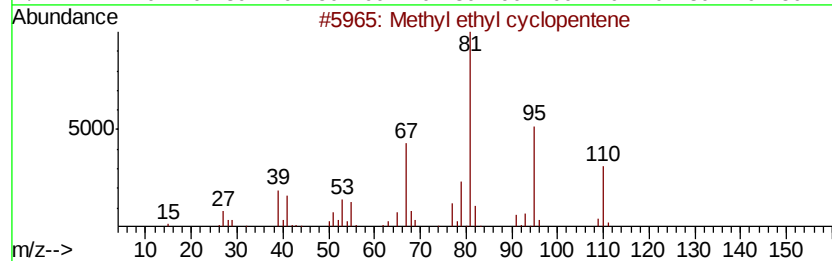
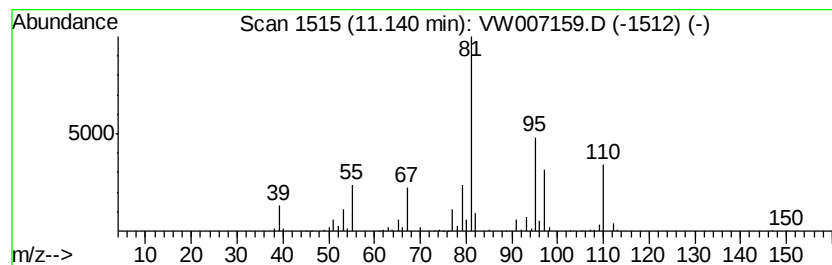
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Quant Title : VOC Analysis

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

Peak Number 37 Methyl ethyl cyclopentene Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	9.35 ug/L	253402	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	76
2		1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	68
3		3-Heptyne, 5-methyl-	110	C8H14	061228-09-9	64
4		1,4-Hexadiene, 3-ethyl-	110	C8H14	002080-89-9	59
5		2-Cyclohexen-1-one, 4-ethyl-4-me...	138	C9H14O	017429-32-2	56



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

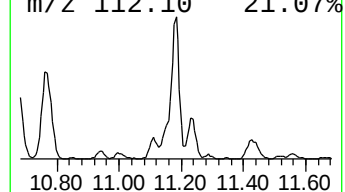
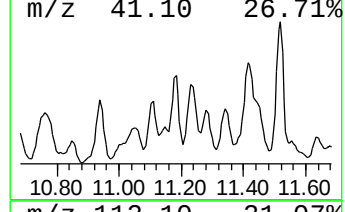
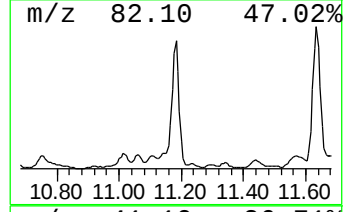
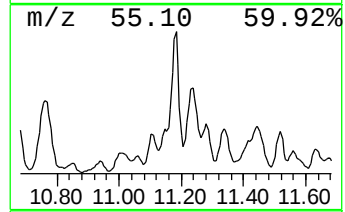
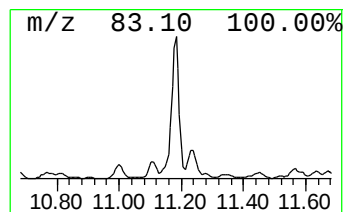
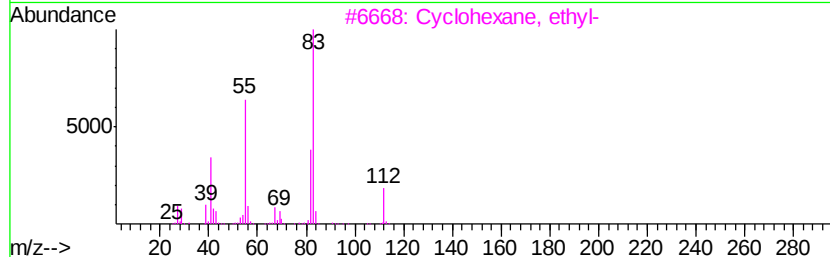
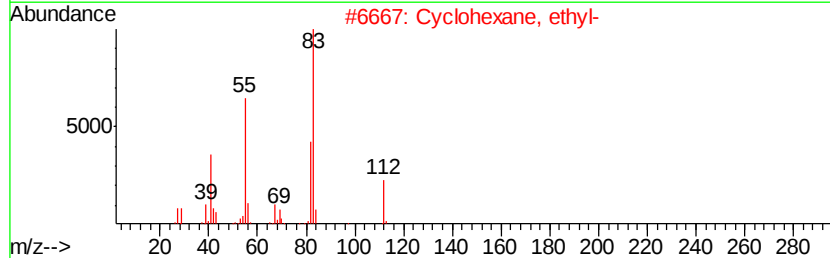
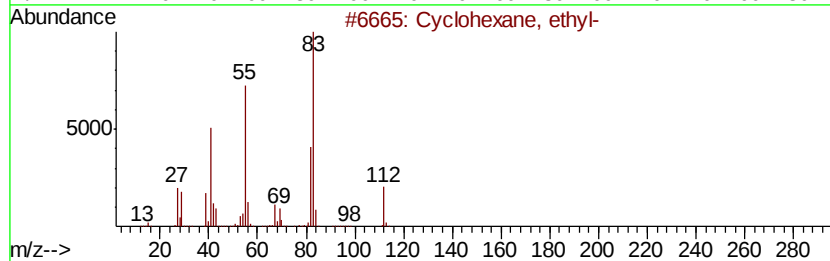
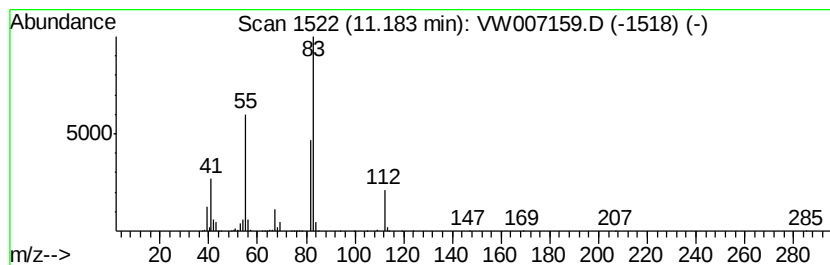
Instrument :
MSVOA_W
ClientSampleId :
F9Y38

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

Peak Number 38 (DEL) Alkane: Cyclic11.18 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.18	17.75 ug/L	481148	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
2		Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
3		Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
5		Cyclohexane, ethyl-	112	C8H16	001678-91-7	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

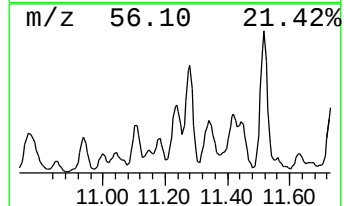
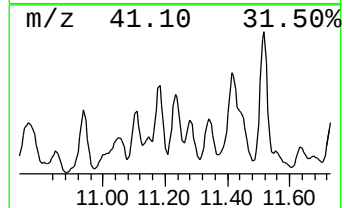
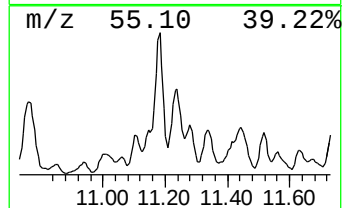
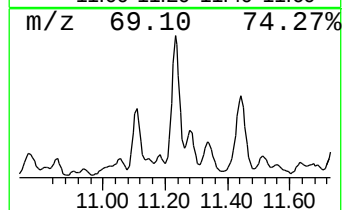
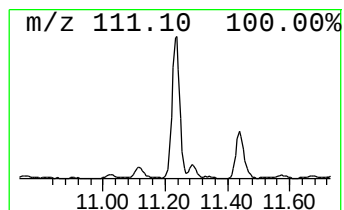
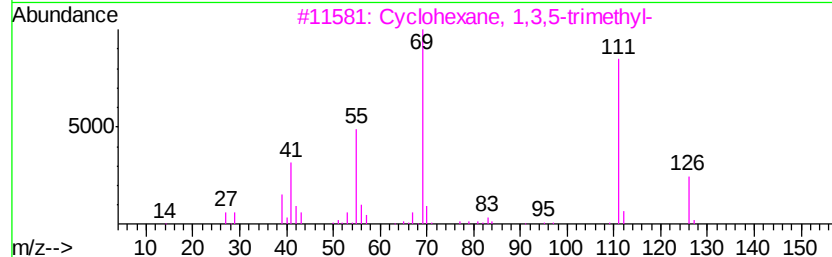
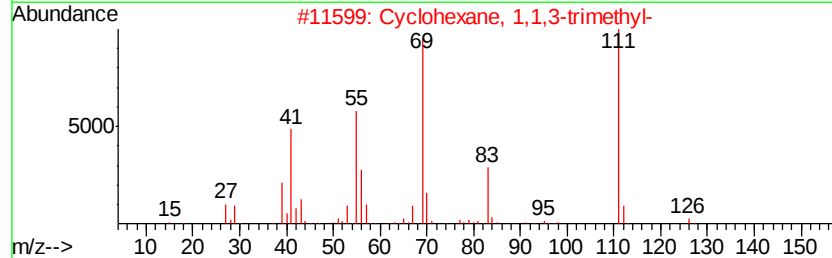
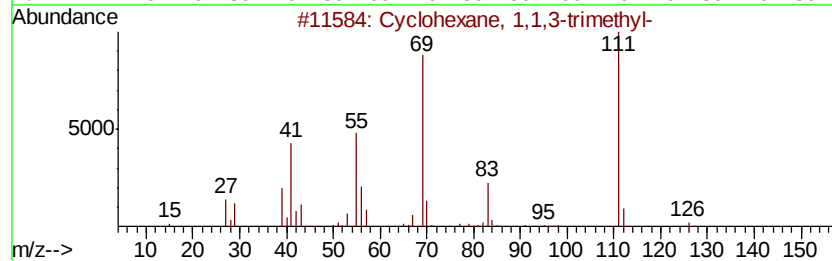
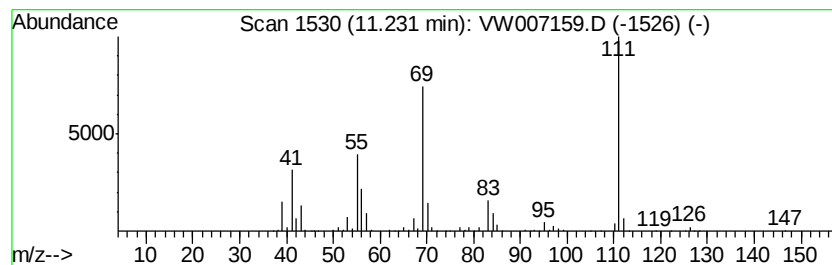
Instrument :
MSVOA_W
ClientSampleId :
F9Y38

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

Peak Number 39 (DEL) Alkane: Cyclic11.23 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.23	20.59 ug/L	558014	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
2		Cvclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	76
3		Cvclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64
4		Cvclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	58
5		1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

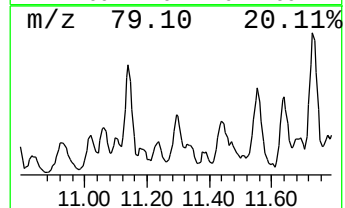
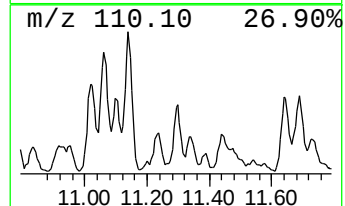
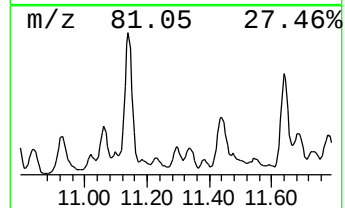
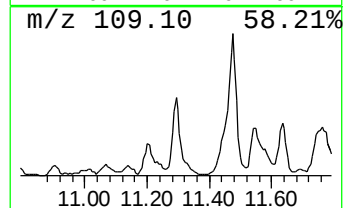
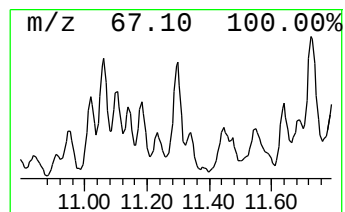
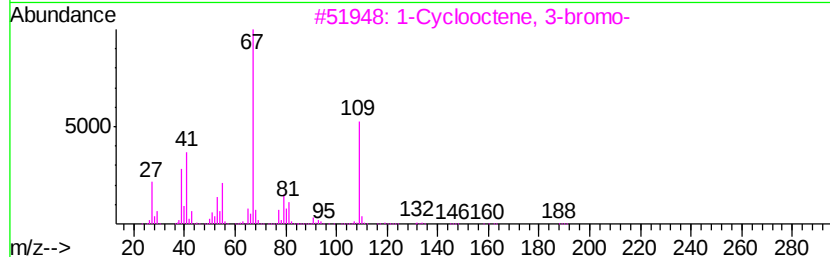
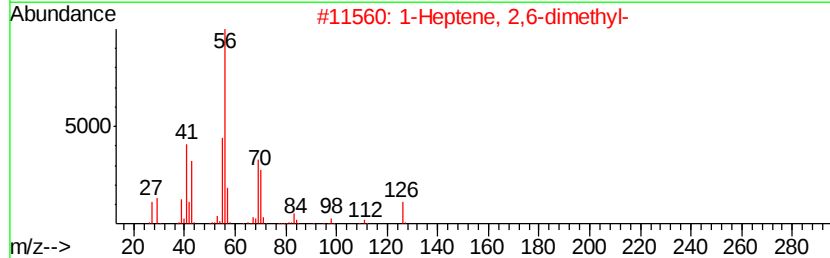
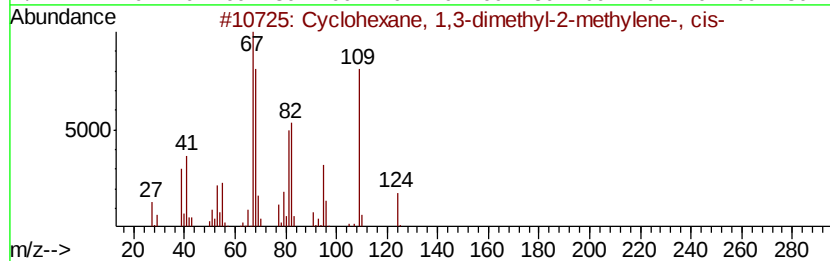
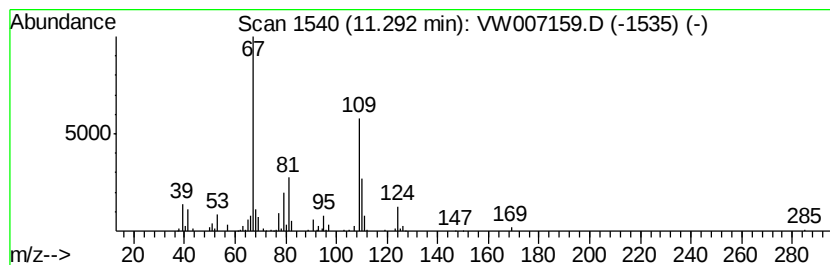
Instrument :
MSVOA_W
ClientSampleId :
F9Y38

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

Peak Number 40 unknown-02 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.29	8.39 ug/L	227453	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	019781-47-6	38
2		1-Heptene, 2,6-dimethyl-	126	C9H18	003074-78-0	27
3		1-Cyclooctene, 3-bromo-	188	C8H13Br	1000163-39-0	27
4		3,5-Heptadien-2-one, 6-methyl-, ...	124	C8H12O	016647-04-4	25
5		1-Propylcyclopentene	110	C8H14	003074-61-1	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y38

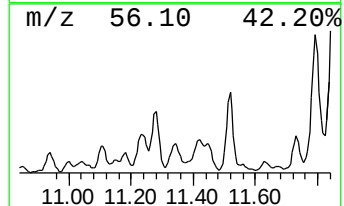
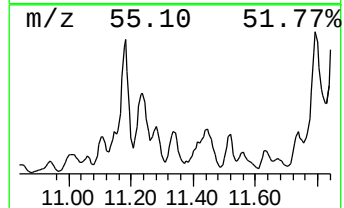
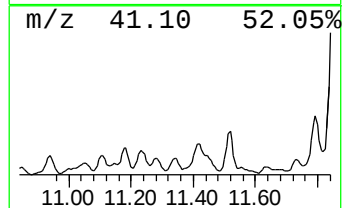
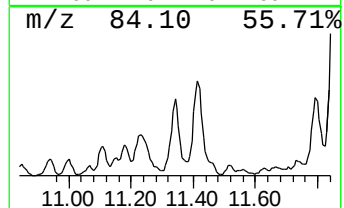
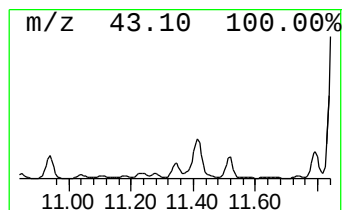
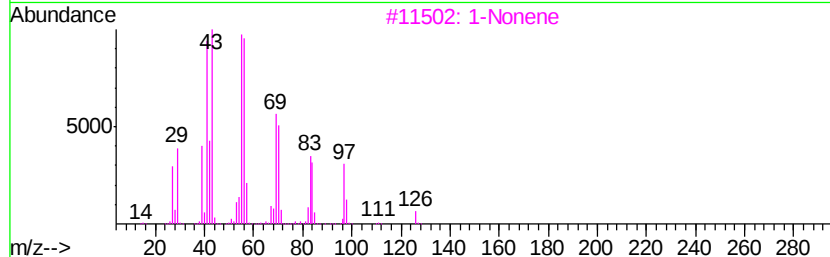
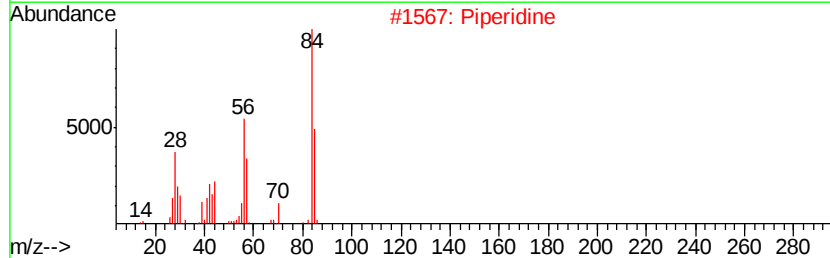
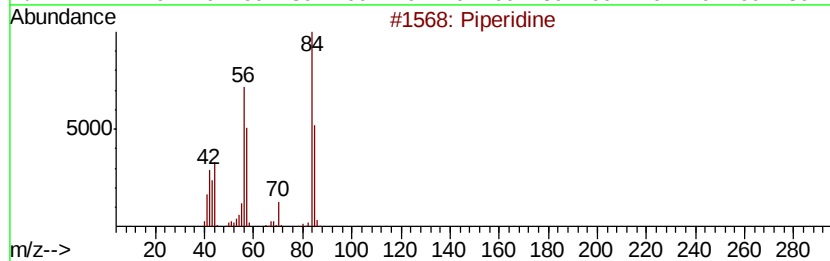
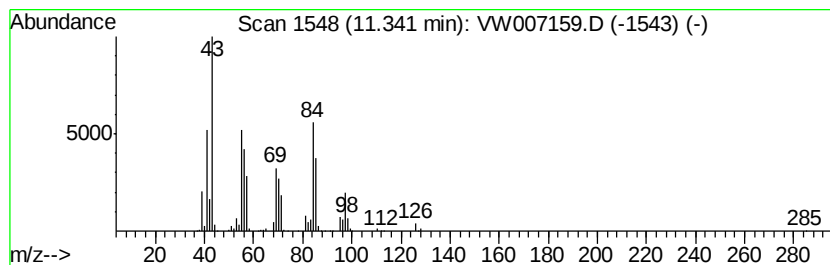
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Quant Title : VOC Analysis

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

Peak Number 41 unknown-03 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	11.69 ug/L	316791	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Piperidine	85	C5H11N	000110-89-4	49
2		Piperidine	85	C5H11N	000110-89-4	49
3		1-Nonene	126	C9H18	000124-11-8	46
4		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	43
5		1-Pentanol, 2-ethyl-	116	C7H16O	027522-11-8	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y38

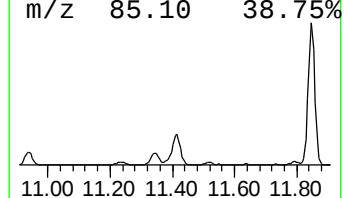
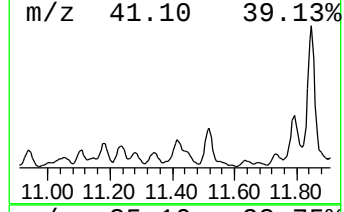
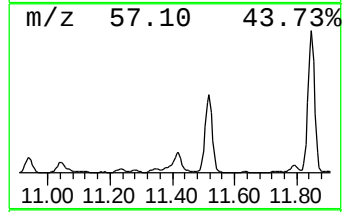
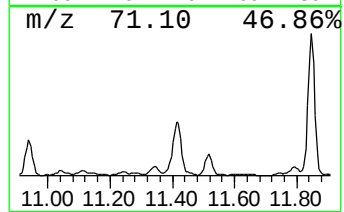
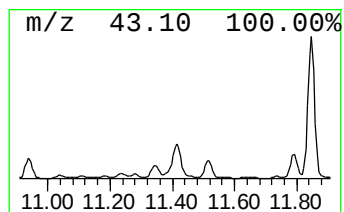
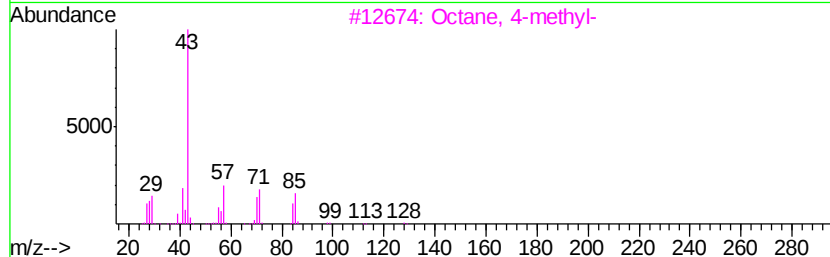
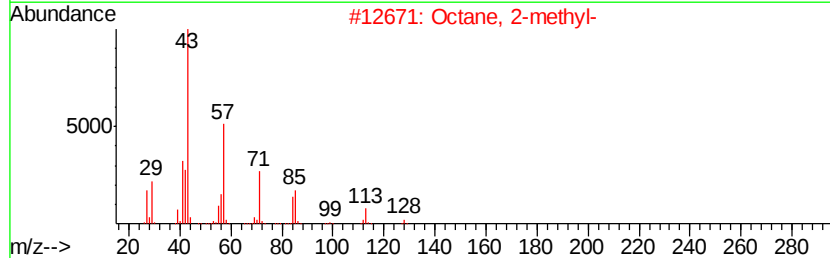
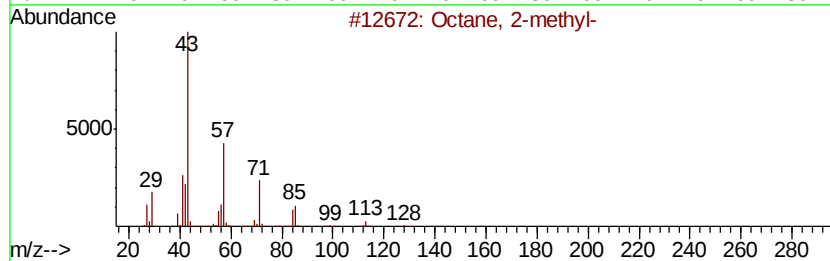
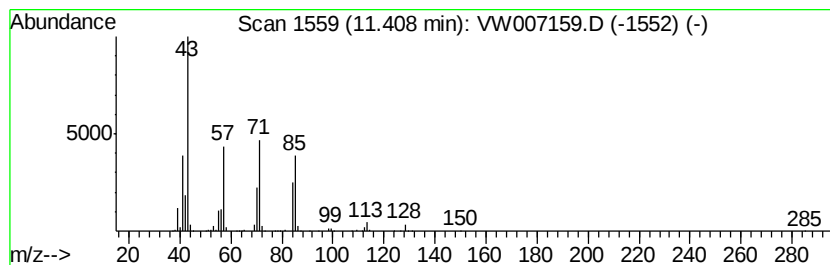
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Quant Title : VOC Analysis

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

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	39.00 ug/L	1057010	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2-methyl-	128	C9H20	003221-61-2	87
2		Octane, 2-methyl-	128	C9H20	003221-61-2	68
3		Octane, 4-methyl-	128	C9H20	002216-34-4	53
4		Dodecane, 5-methyl-	184	C13H28	017453-93-9	53
5		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y38

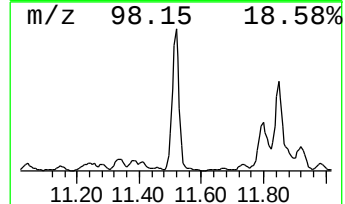
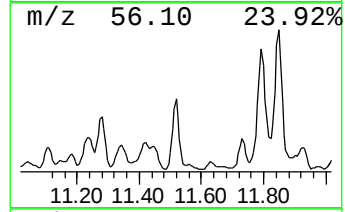
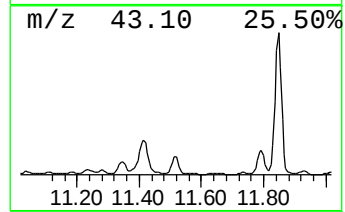
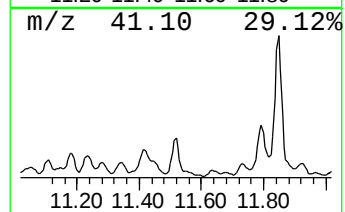
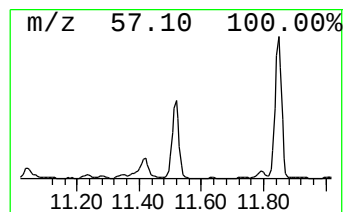
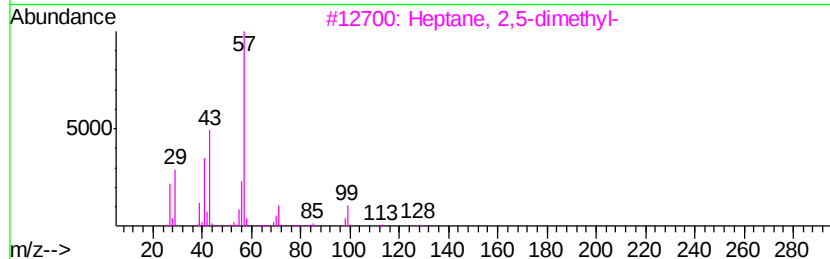
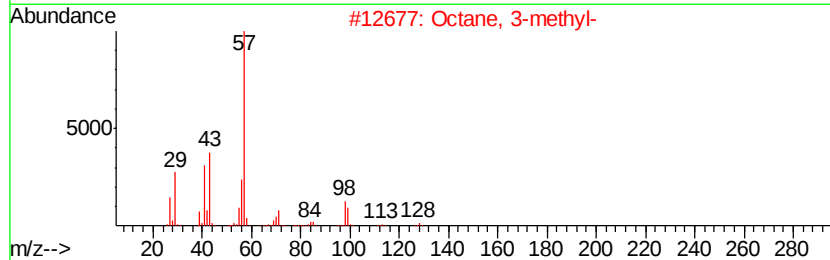
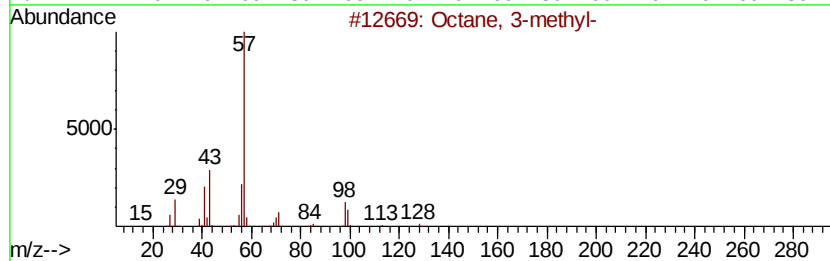
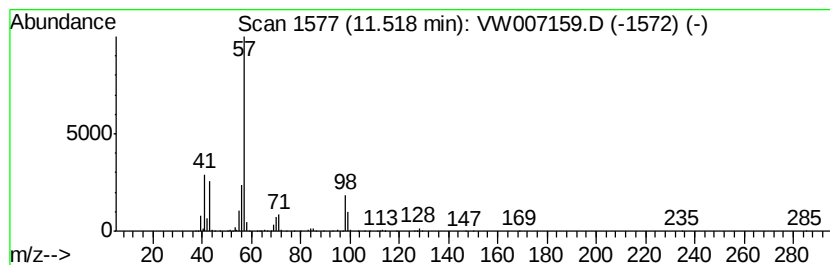
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Quant Title : VOC Analysis

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

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	27.19 ug/L	736864	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3-methyl-	128	C9H20	002216-33-3	91
2		Octane, 3-methyl-	128	C9H20	002216-33-3	90
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
4		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	80
5		Octane, 3-methyl-	128	C9H20	002216-33-3	74



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

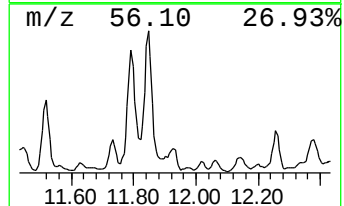
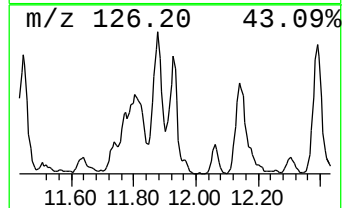
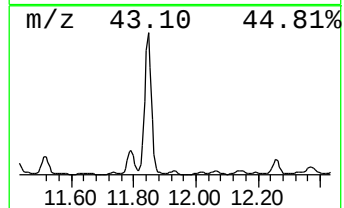
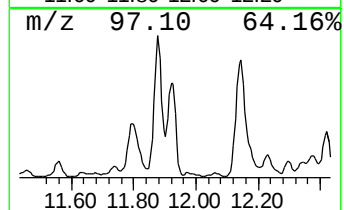
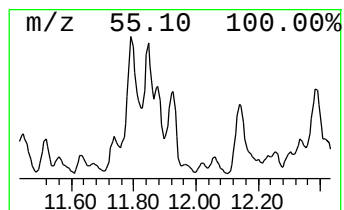
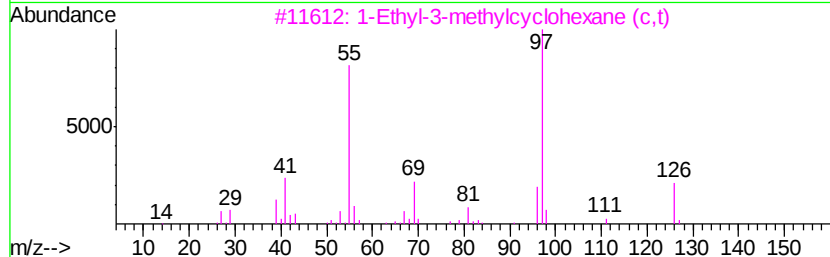
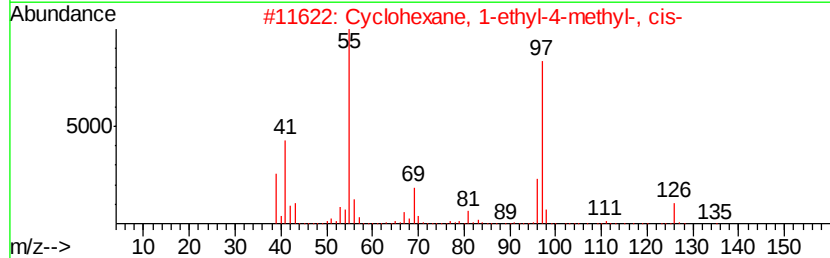
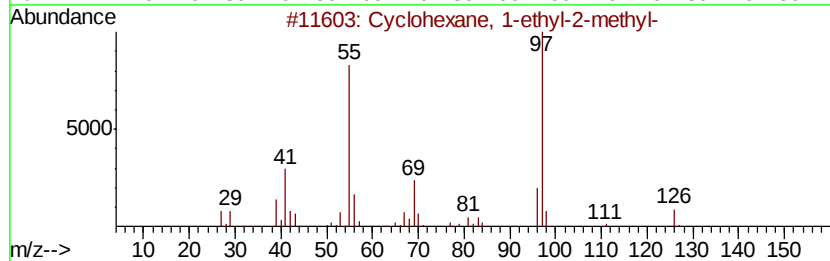
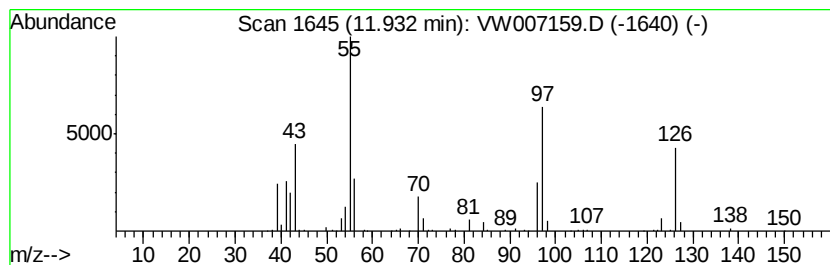
Instrument :
MSVOA_W
ClientSampleId :
F9Y38

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

Peak Number 44 (DEL) Alkane: Cyclic11.93 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.93	12.59 ug/L	341292	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	72
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64
3		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64
4		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	64
5		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
F9Y38

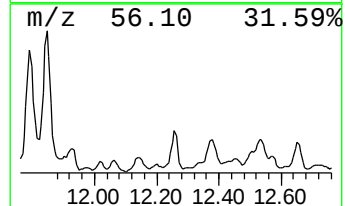
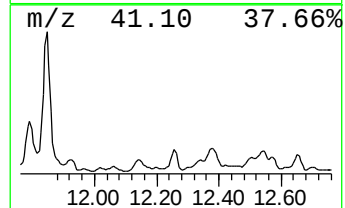
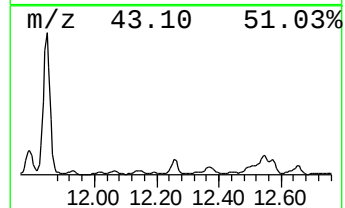
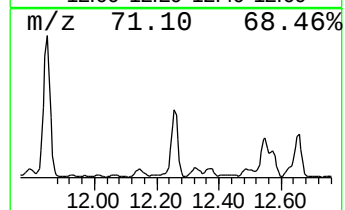
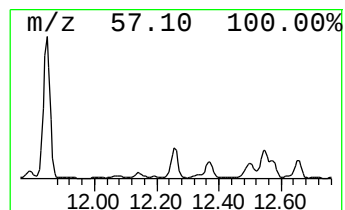
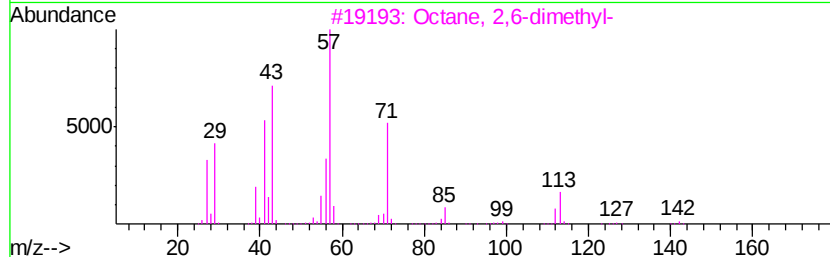
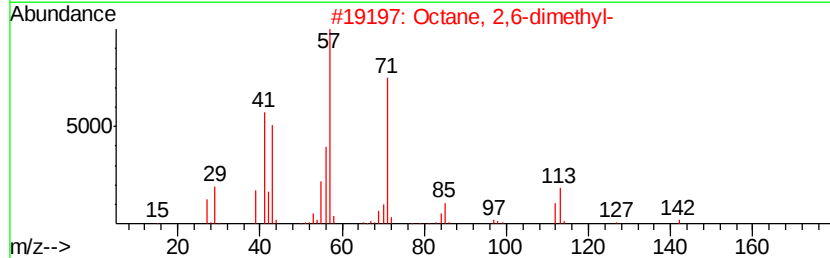
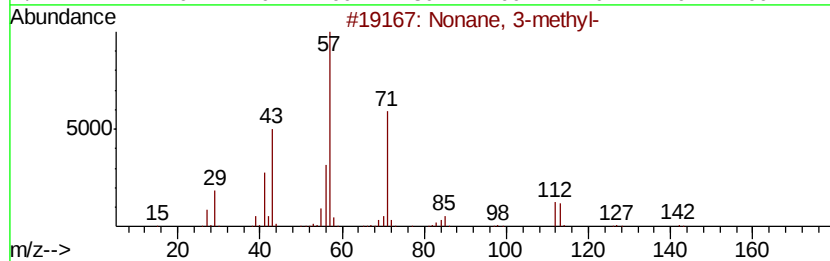
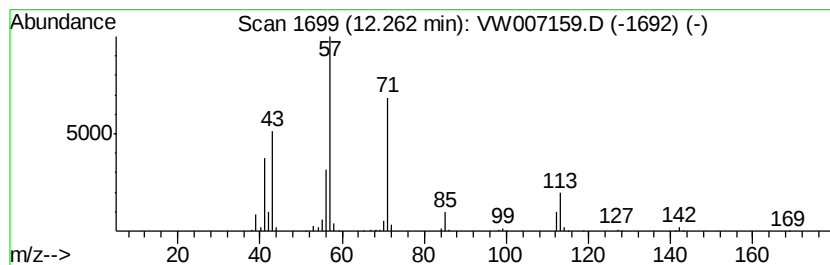
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Quant Title : VOC Analysis

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

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	18.05 ug/L	489128	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	86
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

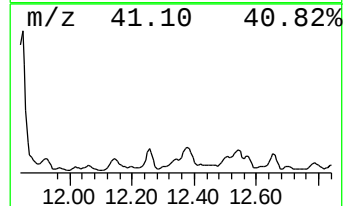
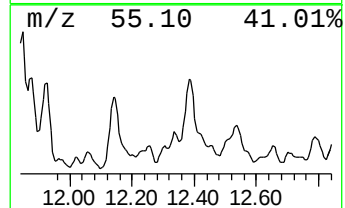
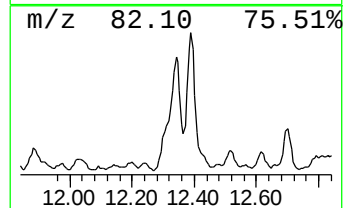
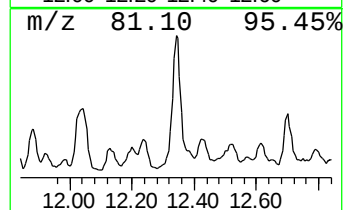
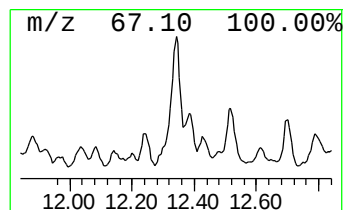
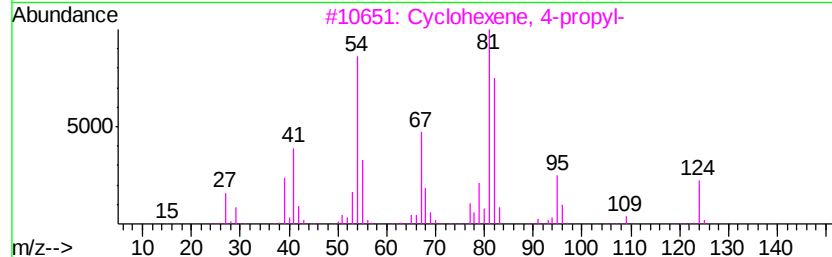
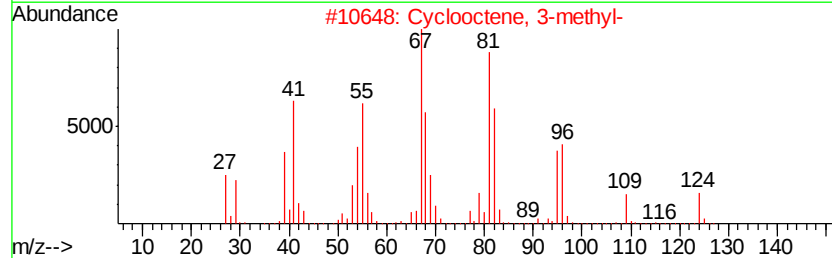
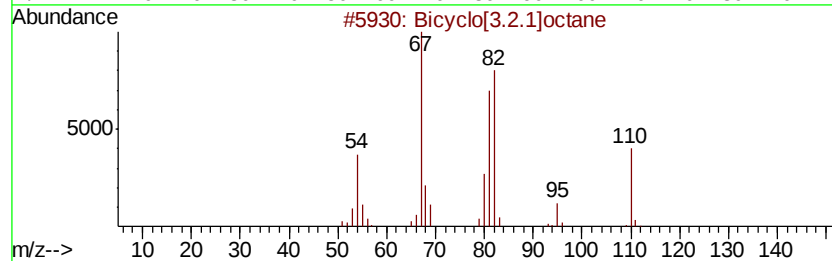
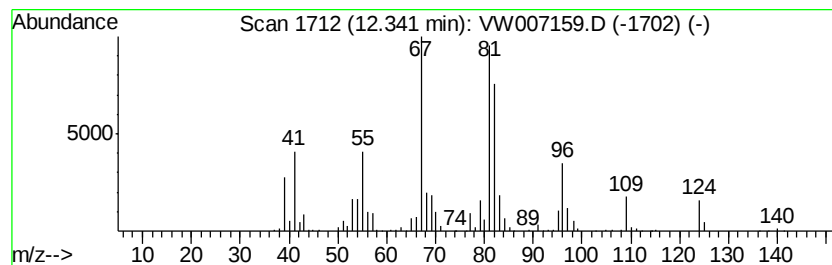
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 46 Bicyclo[3.2.1]octane Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.34	19.77 ug/L	535887	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	72
2		Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	64
3		Cyclohexene, 4-propyl-	124	C9H16	013487-64-4	58
4		1-Hexadecyne	222	C16H30	000629-74-3	50
5		3-Octyne, 2-methyl-	124	C9H16	055402-15-8	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

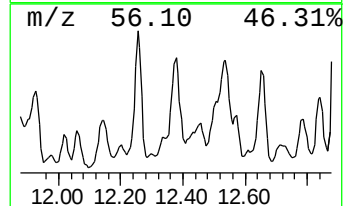
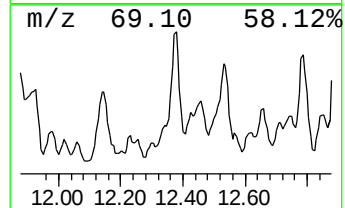
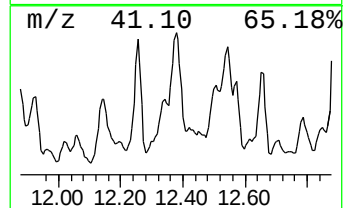
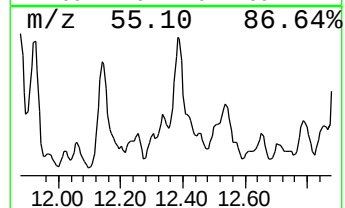
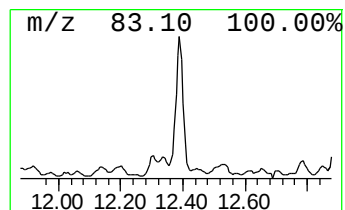
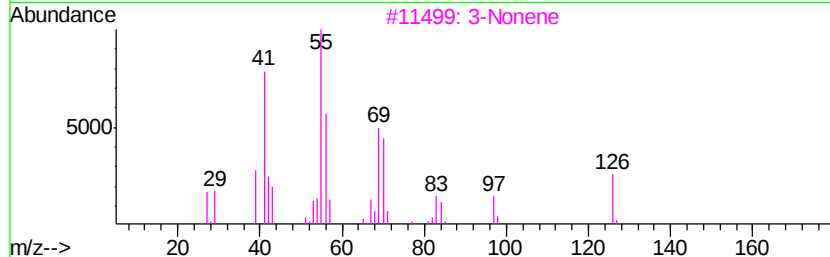
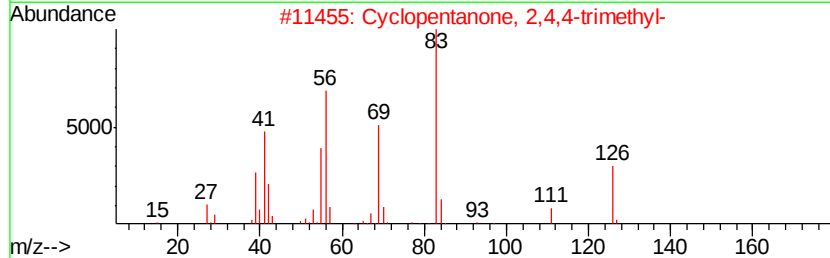
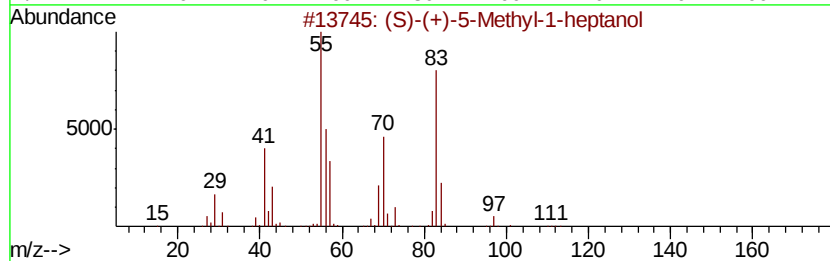
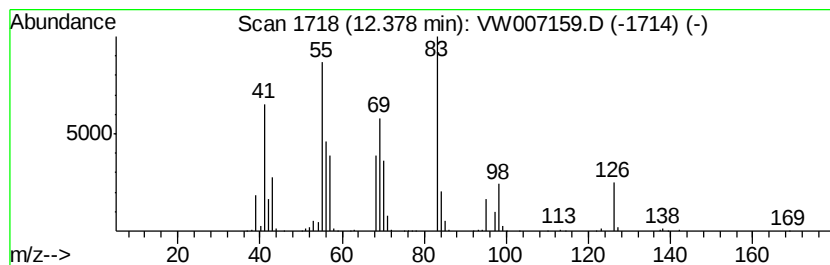
Instrument :
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 47 (S)-(+)-5-Methyl-1-heptanol Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.38	21.20 ug/L	574544	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-5-Methyl-1-heptanol	130	C8H18O	057803-73-3	52	
2	Cyclopentanone, 2,4,4-trimethyl-	126	C8H14O	004694-12-6	46	
3	3-Nonene	126	C9H18	020063-77-8	38	
4	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	38	
5	2-Nonene, (E)-	126	C9H18	006434-78-2	38	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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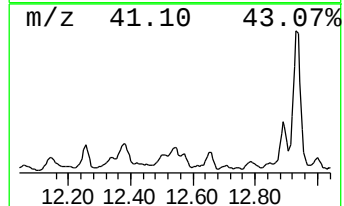
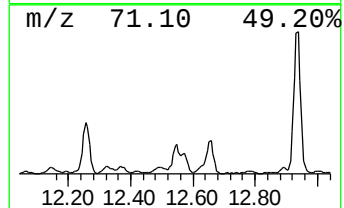
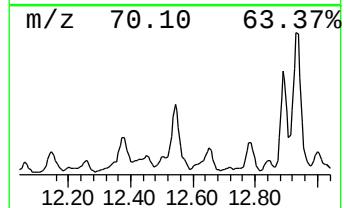
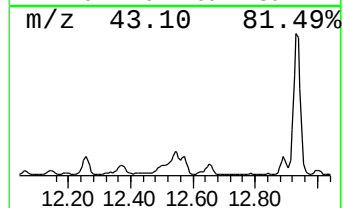
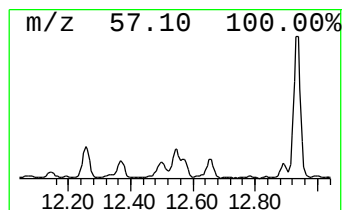
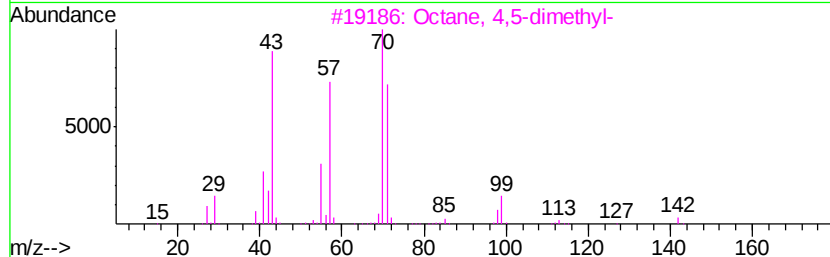
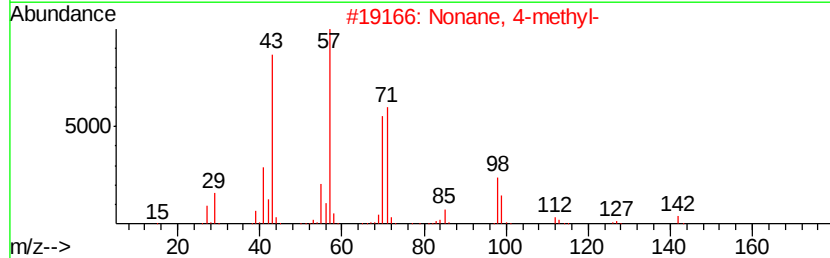
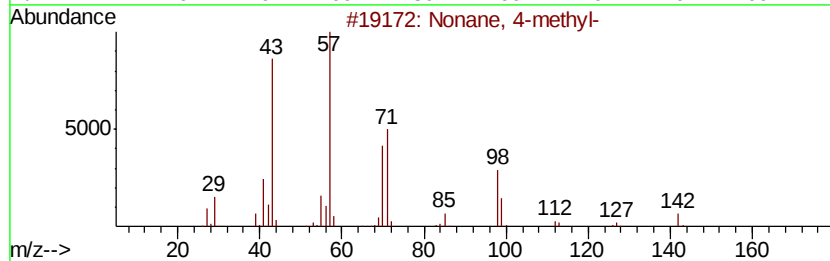
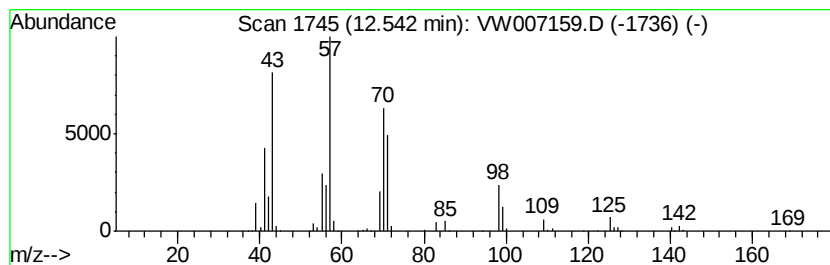
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Quant Title : VOC Analysis

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

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	18.26 ug/L	494850	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4-methyl-	142	C10H22	017301-94-9	72
2		Nonane, 4-methyl-	142	C10H22	017301-94-9	68
3		Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	58
4		Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	53
5		Nonane, 4-methyl-	142	C10H22	017301-94-9	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y38

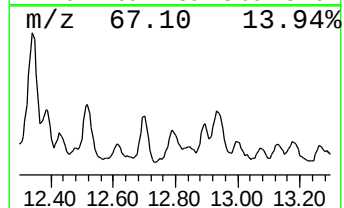
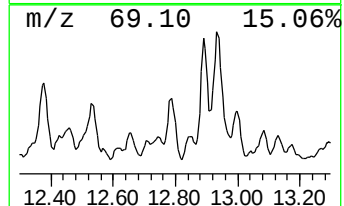
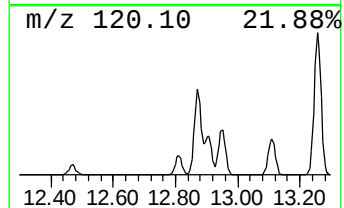
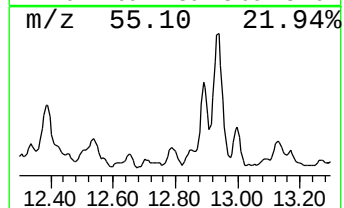
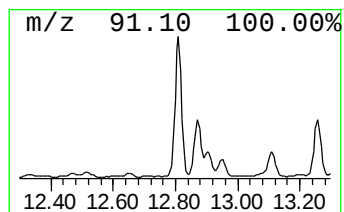
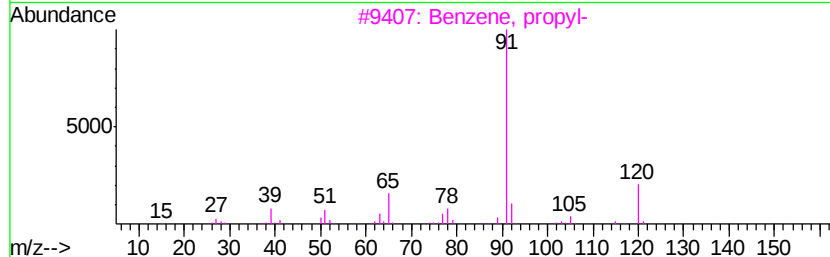
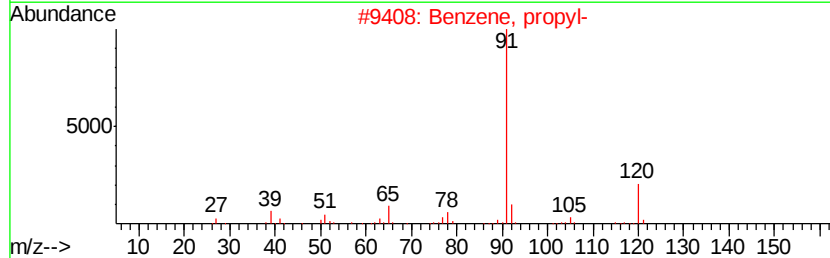
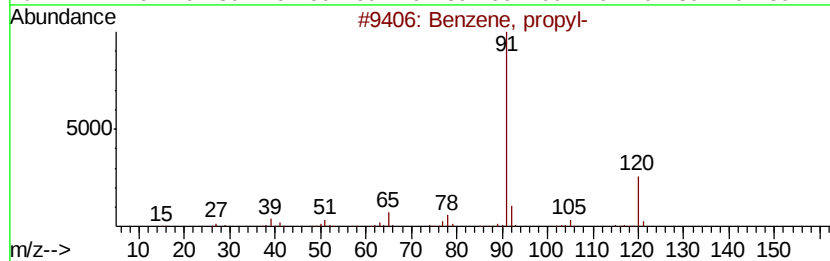
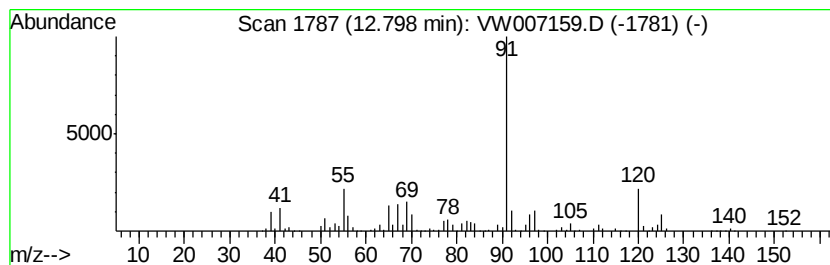
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Quant Title : VOC Analysis

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

Peak Number 49 Benzene, propyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	18.17 ug/L	454367	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	81
2		Benzene, propyl-	120	C9H12	000103-65-1	81
3		Benzene, propyl-	120	C9H12	000103-65-1	81
4		Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	59
5		1,2-Ethanediamine, N,N'-bis(phen...)	240	C16H20N2	000140-28-3	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y38

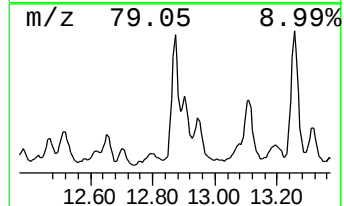
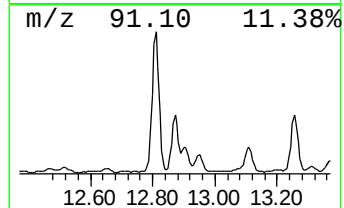
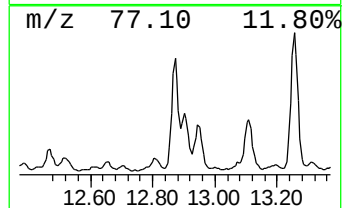
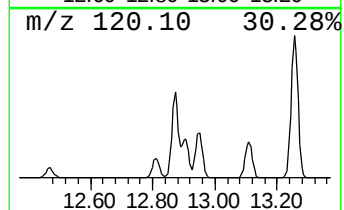
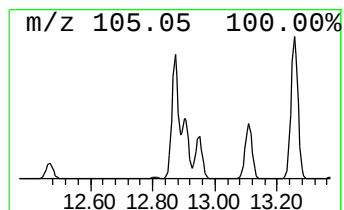
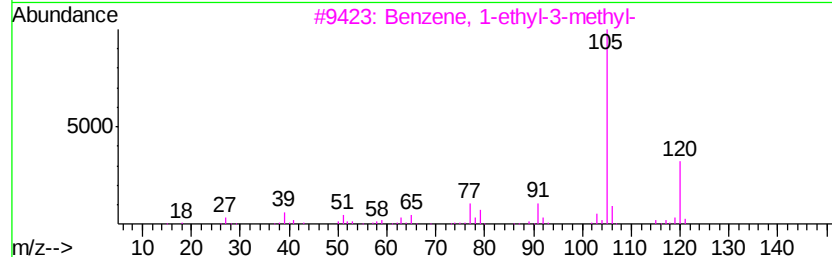
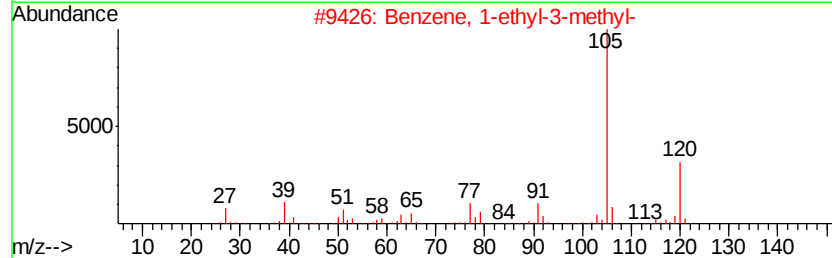
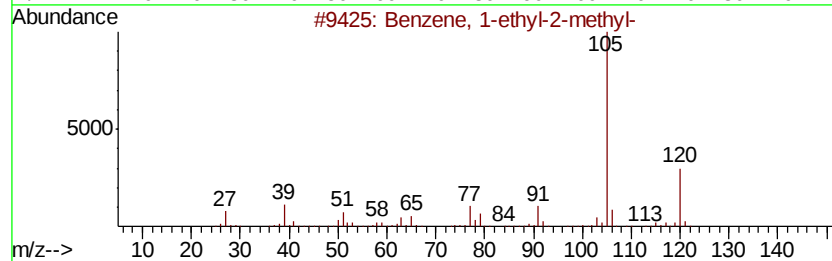
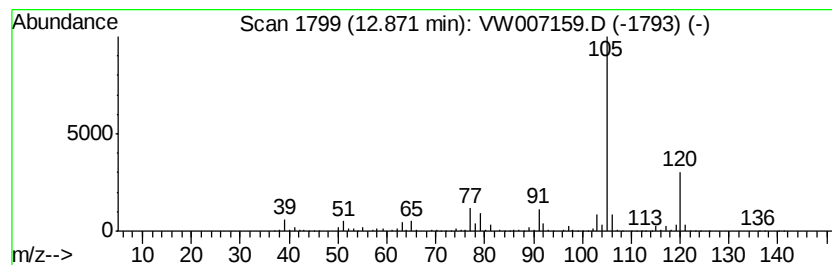
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Quant Title : VOC Analysis

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

Peak Number 50 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	45.45 ug/L	1136780	1,4-Dichlorobenzene-d4	13.56

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y38

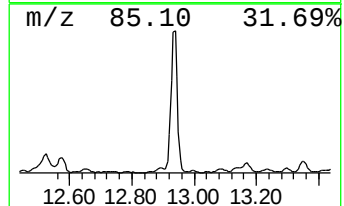
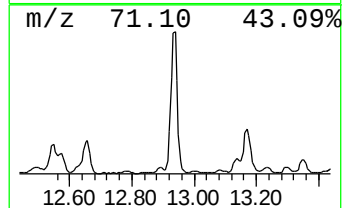
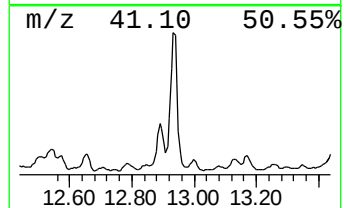
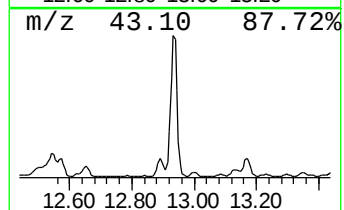
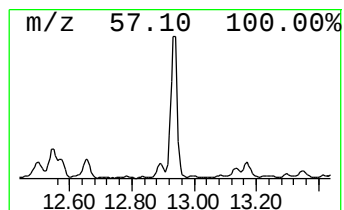
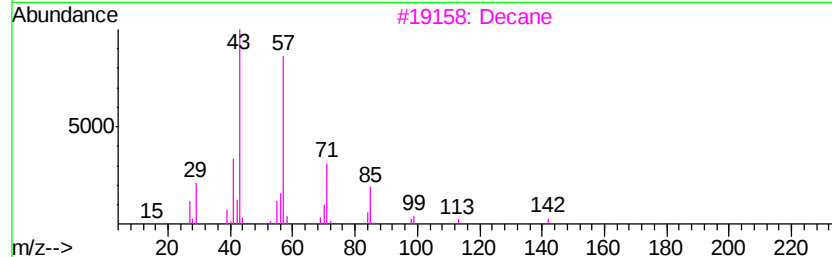
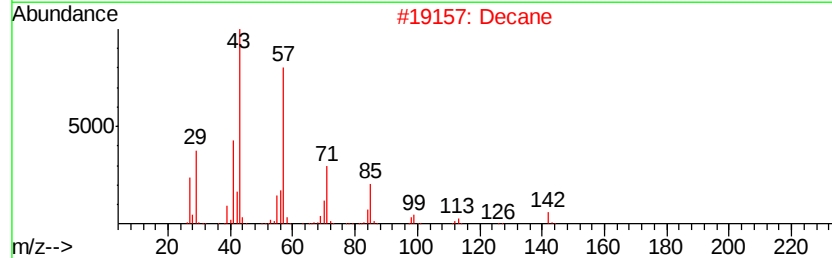
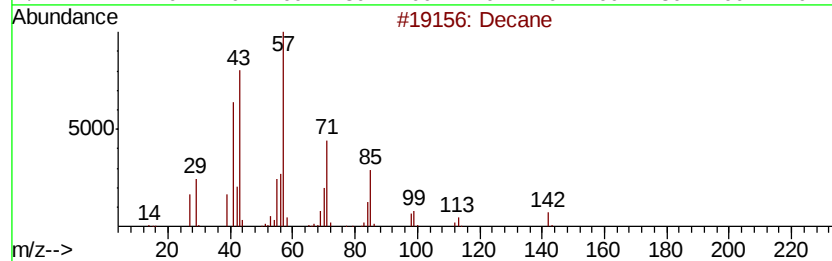
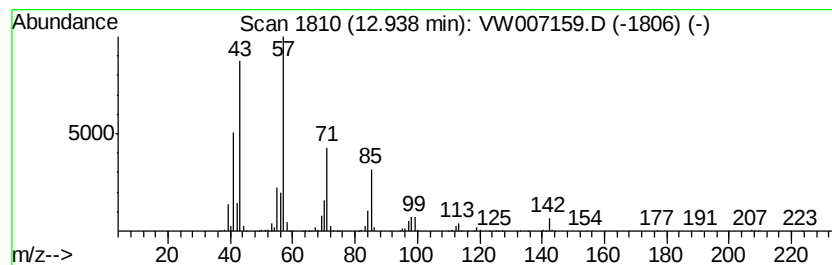
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Quant Title : VOC Analysis

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

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	122.57 ug/L	3065670	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	97
2		Decane	142	C10H22	000124-18-5	95
3		Decane	142	C10H22	000124-18-5	94
4		Undecane	156	C11H24	001120-21-4	86
5		Undecane	156	C11H24	001120-21-4	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

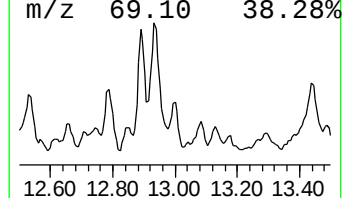
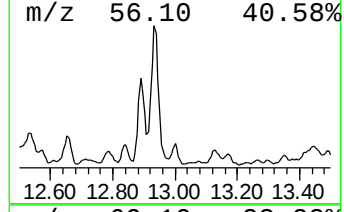
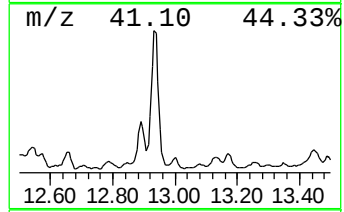
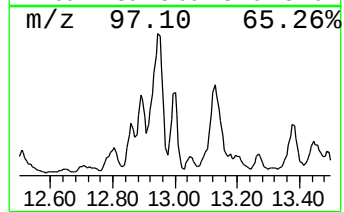
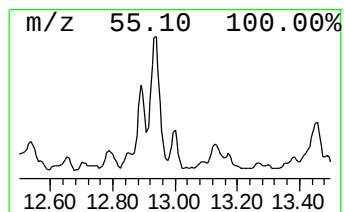
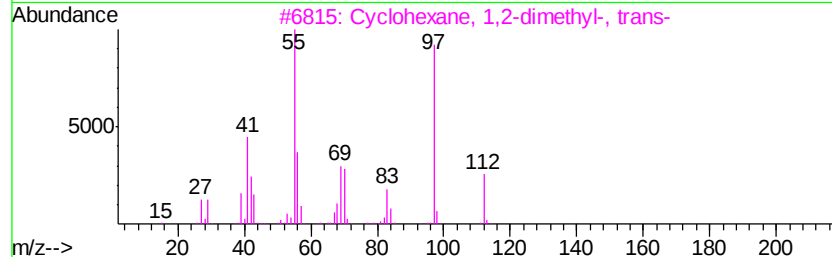
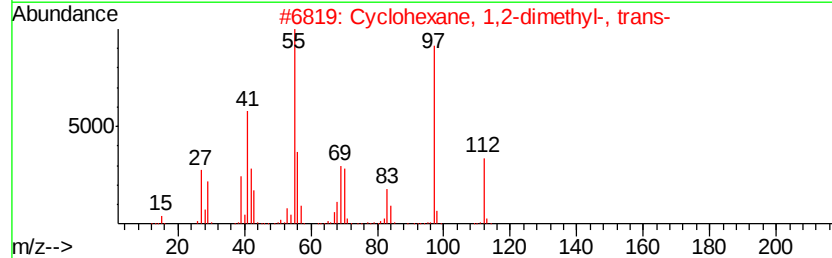
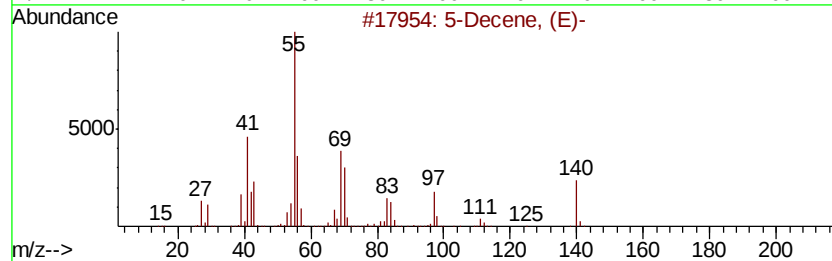
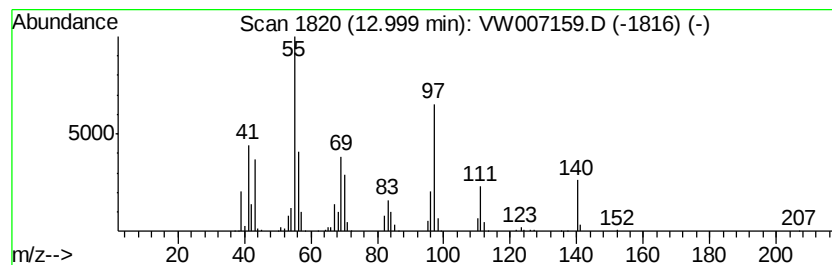
Instrument :
MSVOA_W
ClientSampleId :
F9Y38

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

Peak Number 52 (DEL) Alkane: Cyclic13.00 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.00	10.00 ug/L	250011	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Decene, (E)-		140	C10H20	007433-56-9	91
2	Cyclohexane, 1,2-dimethyl-, trans-		112	C8H16	006876-23-9	64
3	Cyclohexane, 1,2-dimethyl-, trans-		112	C8H16	006876-23-9	64
4	5-Decene		140	C10H20	019689-19-1	60
5	Cyclohexane, 1,2-dimethyl- (cis/...		112	C8H16	000583-57-3	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y38

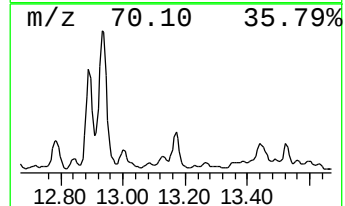
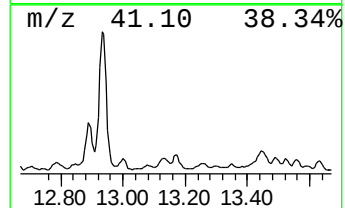
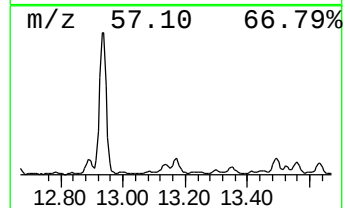
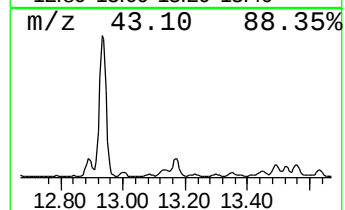
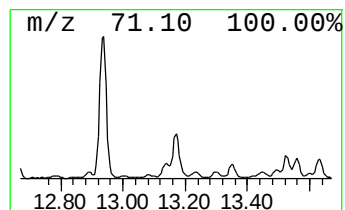
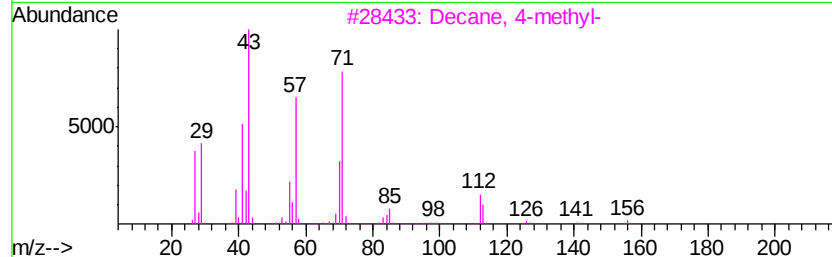
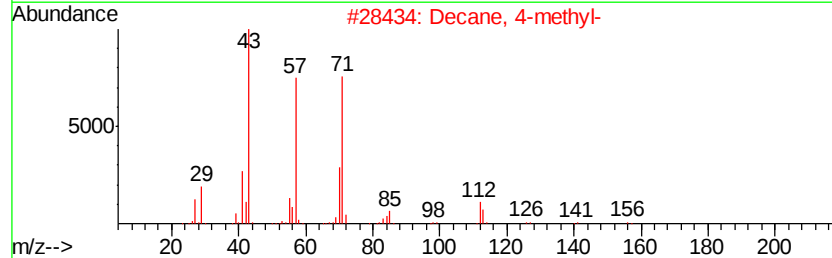
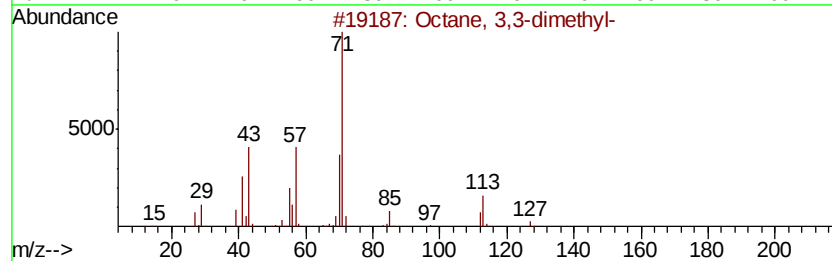
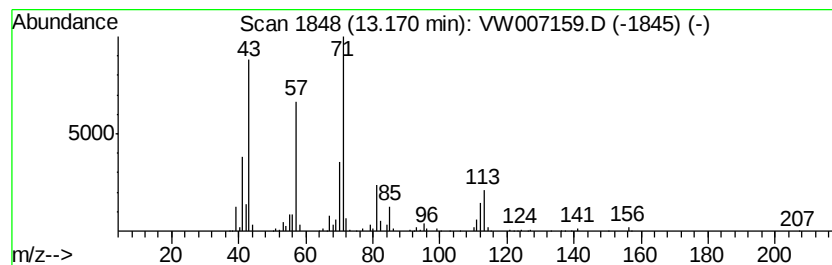
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Quant Title : VOC Analysis

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

Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	14.42 ug/L	360778	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
2		Decane, 4-methyl-	156	C11H24	002847-72-5	72
3		Decane, 4-methyl-	156	C11H24	002847-72-5	72
4		Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	72
5		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y38

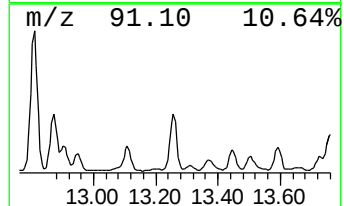
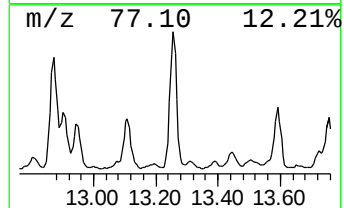
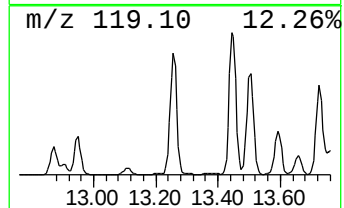
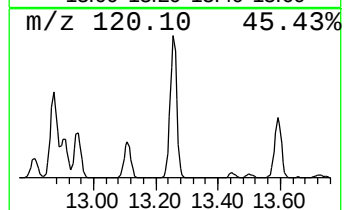
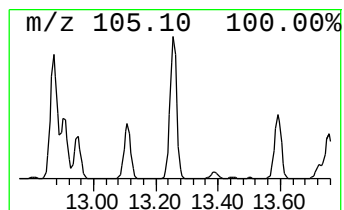
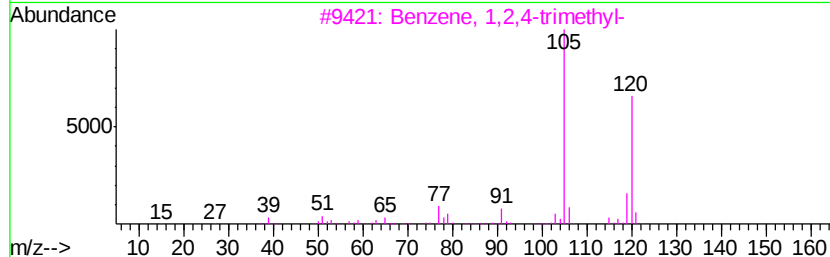
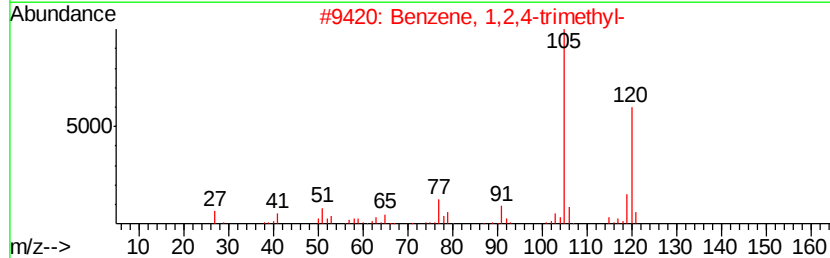
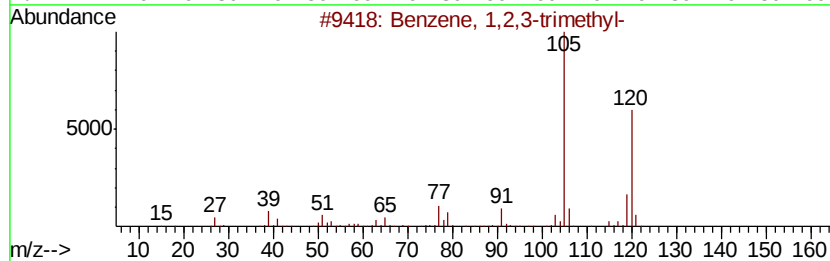
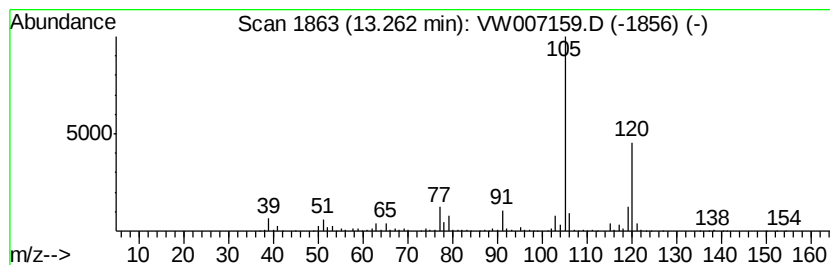
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Quant Title : VOC Analysis

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

Peak Number 55 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	53.64 ug/L	1341780	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4		Mesitylene	120	C9H12	000108-67-8	94
5		Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y38

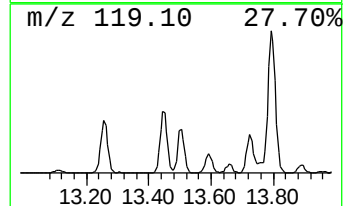
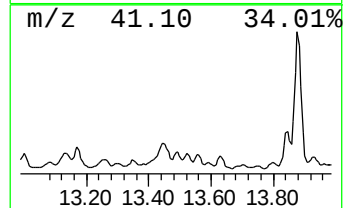
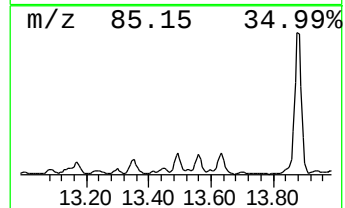
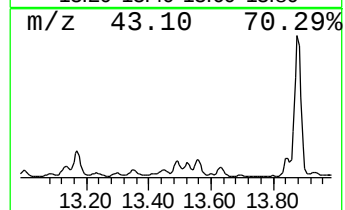
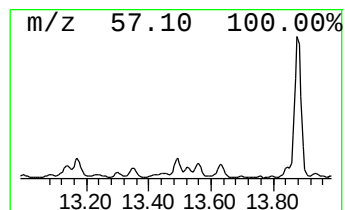
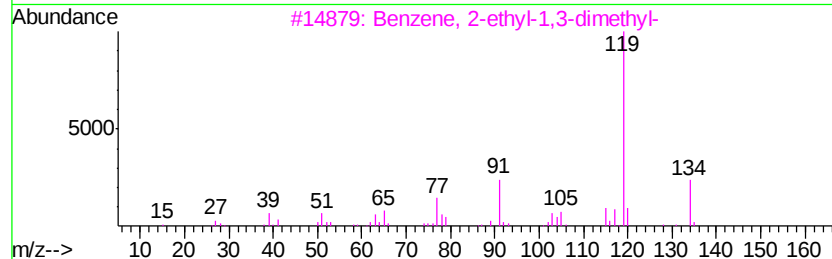
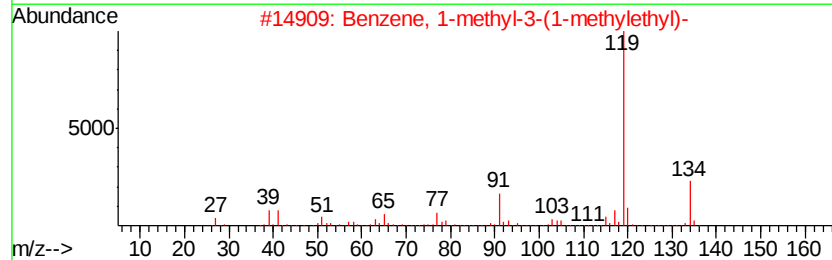
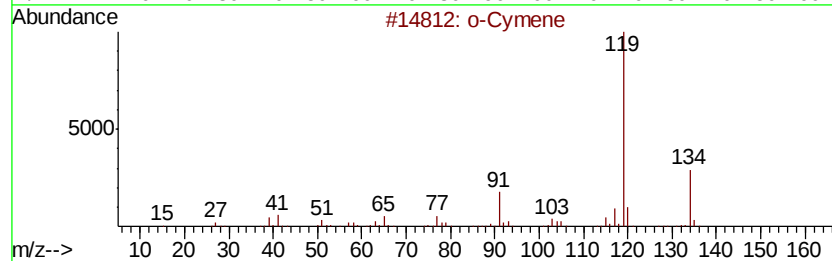
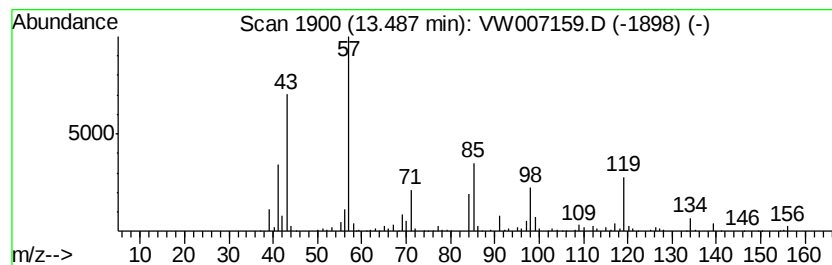
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Quant Title : VOC Analysis

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

Peak Number 57 o-Cymene Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	13.86 ug/L	346739	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	47
2		Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	38
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	38
4		p-Cymene	134	C10H14	000099-87-6	38
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
F9Y38

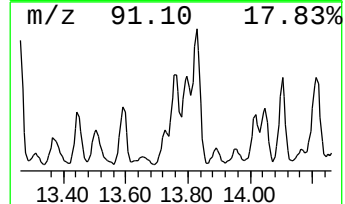
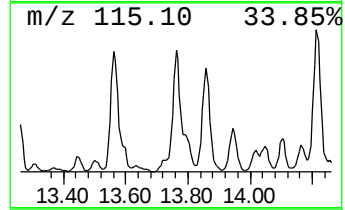
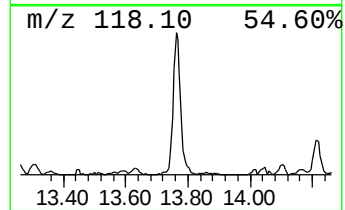
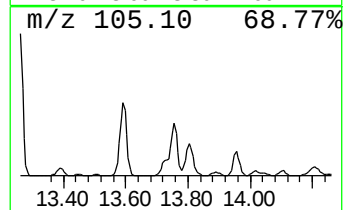
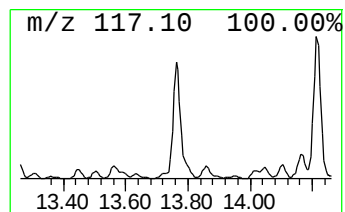
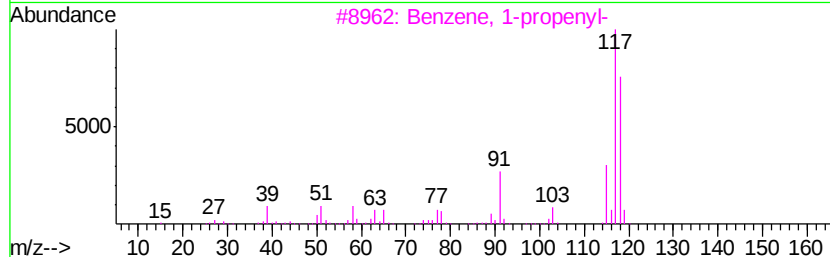
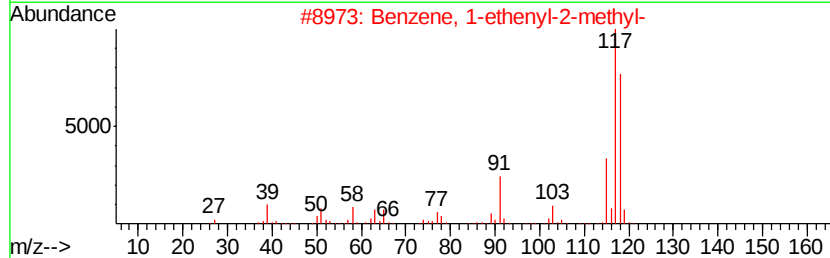
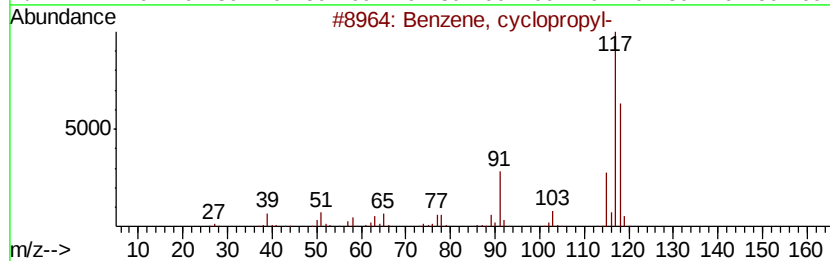
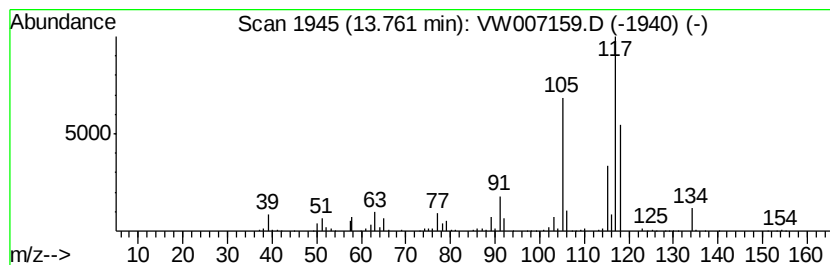
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Quant Title : VOC Analysis

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

Peak Number 58 Benzene, cyclopropyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	23.63 ug/L	590949	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, cvclopropyl-	118	C9H10	000873-49-4	64
2		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
3		Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
4		Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5		Benzene, 1-propenyl-	118	C9H10	000637-50-3	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y38

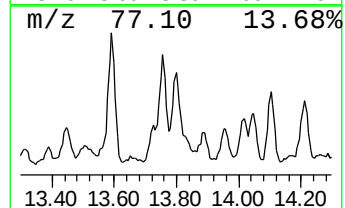
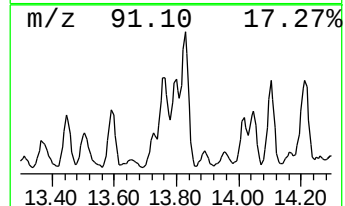
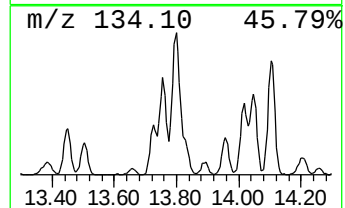
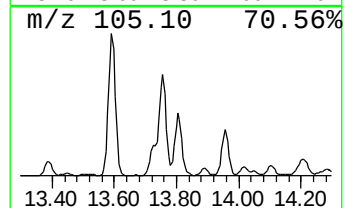
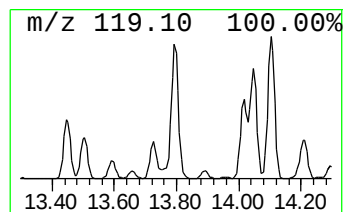
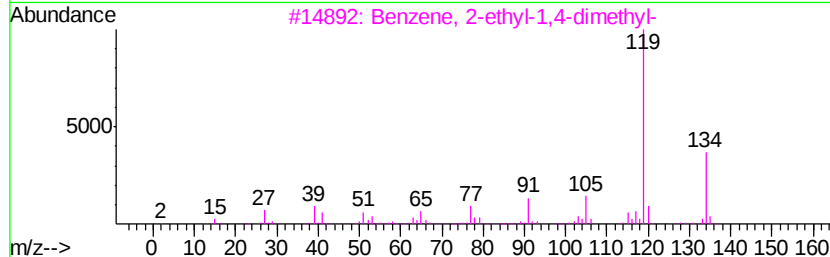
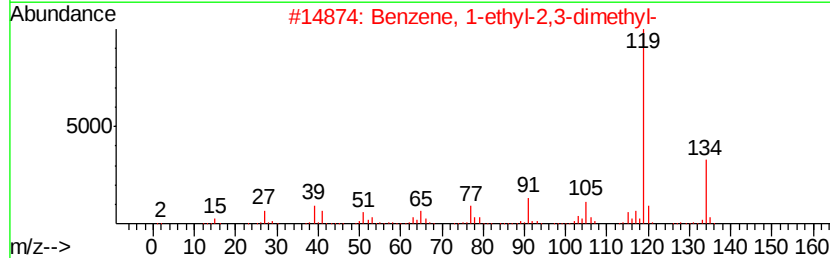
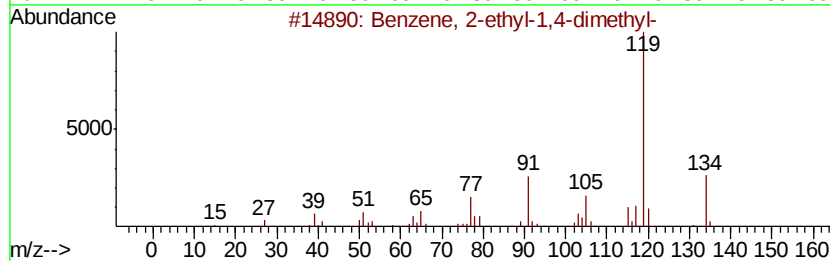
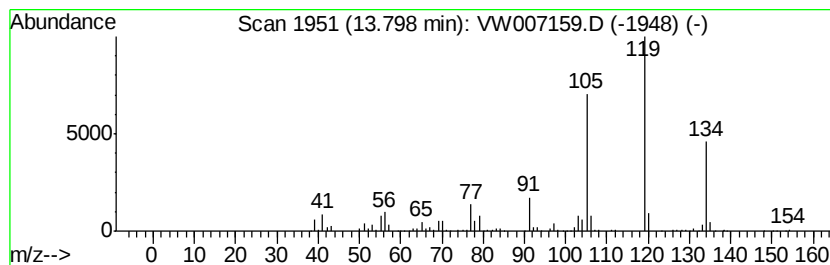
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Quant Title : VOC Analysis

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

Peak Number 59 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	16.32 ug/L	408151	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
5		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y38

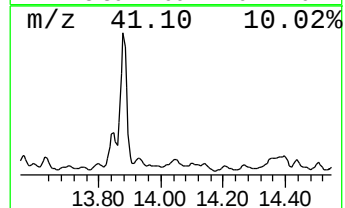
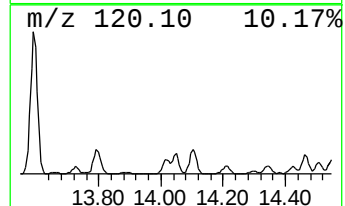
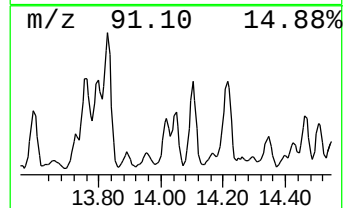
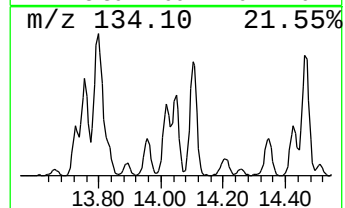
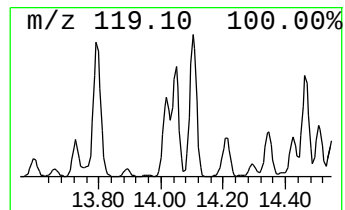
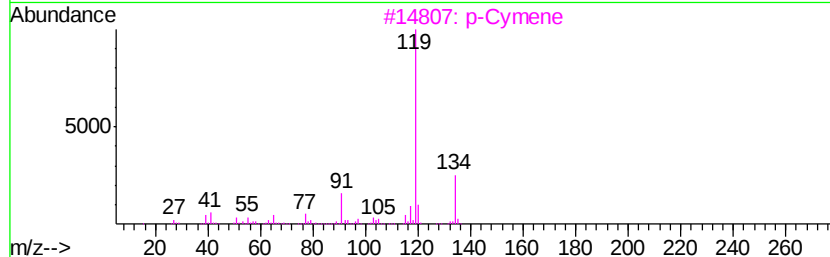
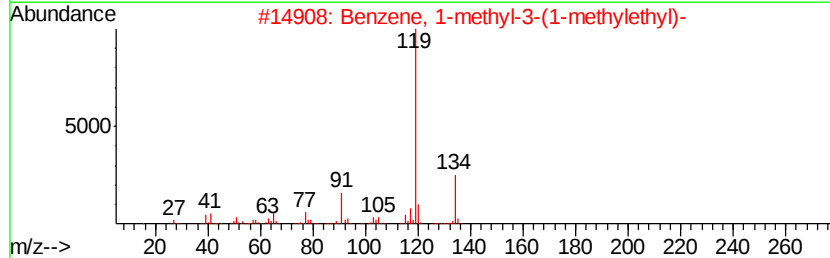
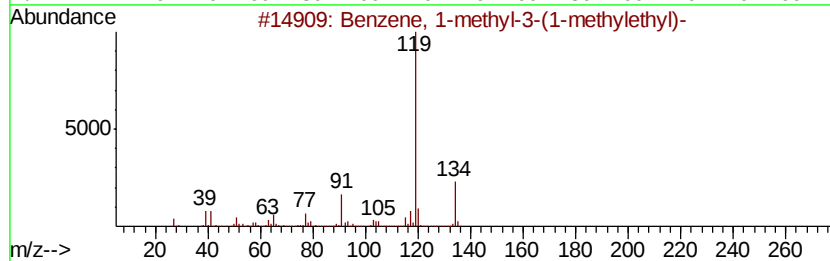
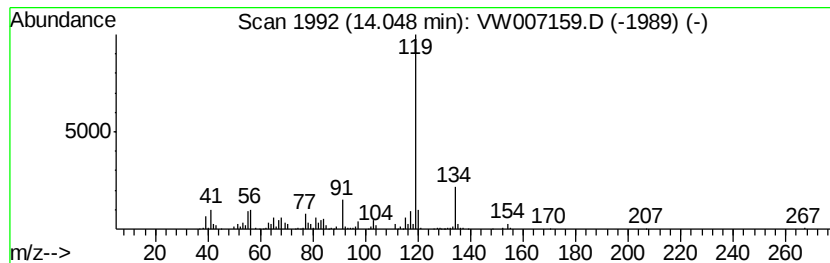
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Quant Title : VOC Analysis

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

Peak Number 60 Benzene, 1-methyl-3-(1-meth... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	12.37 ug/L	309421	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	93
2		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	93
3		p-Cymene	134	C10H14	000099-87-6	93
4		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	87
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y38

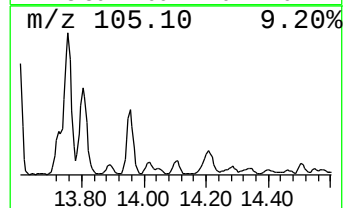
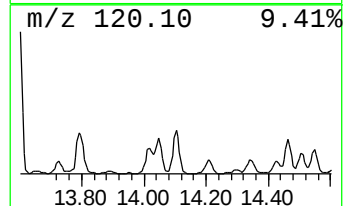
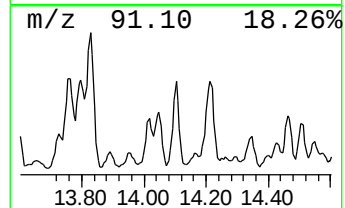
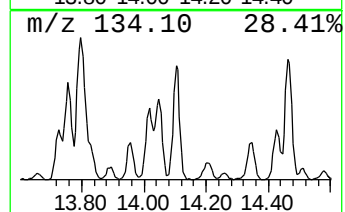
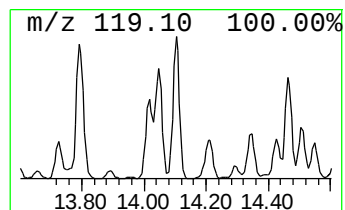
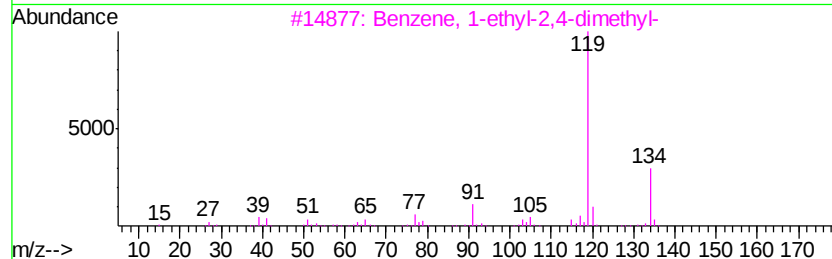
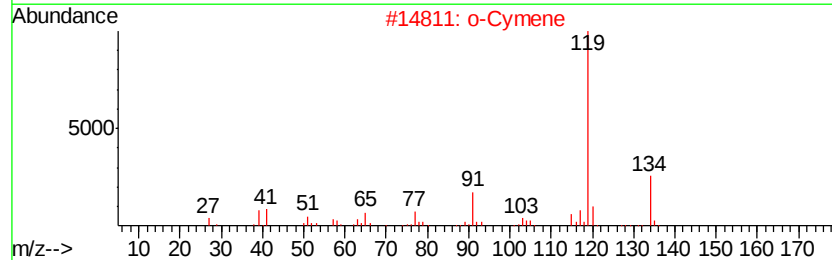
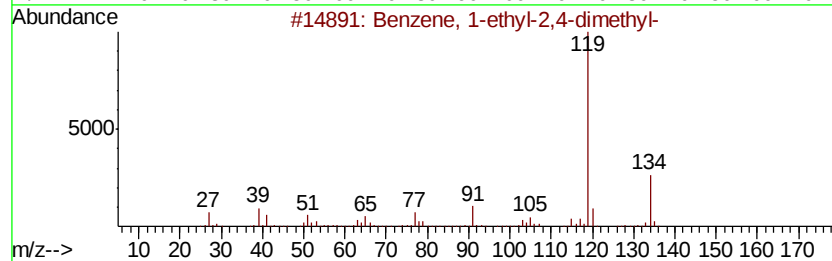
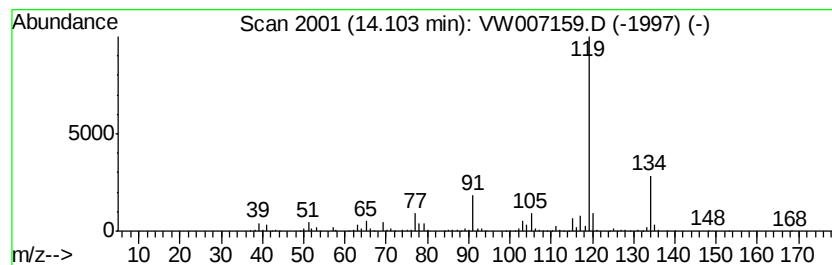
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Quant Title : VOC Analysis

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

Peak Number 61 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	14.00 ug/L	350057	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2		o-Cymene	134	C10H14	000527-84-4	95
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y38

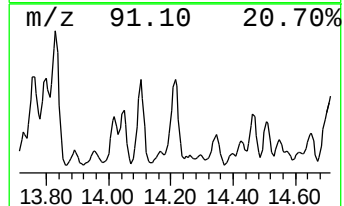
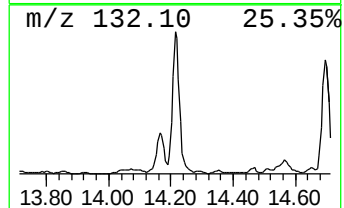
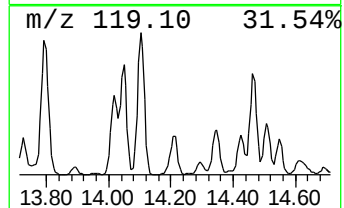
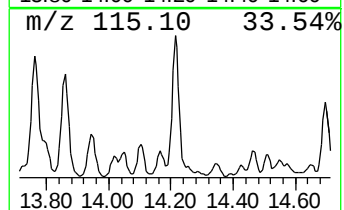
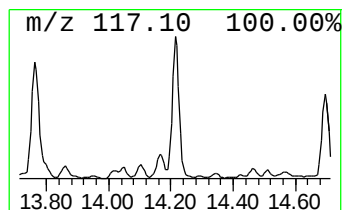
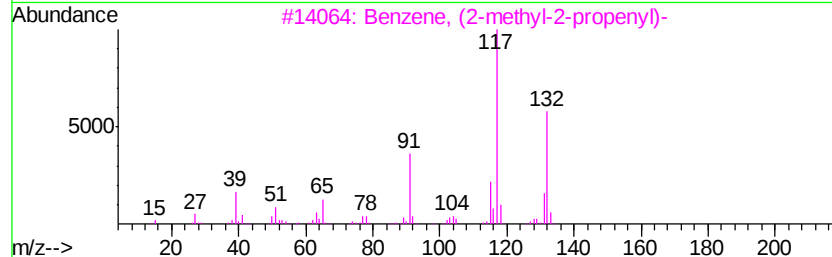
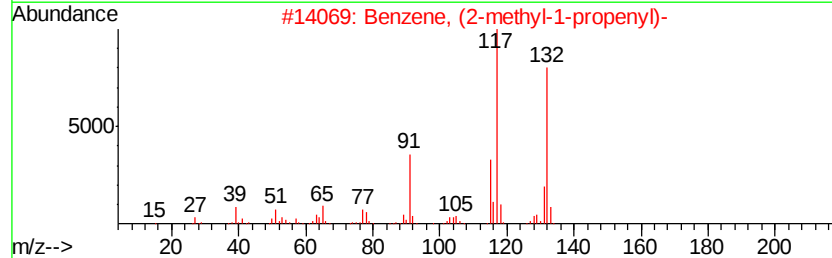
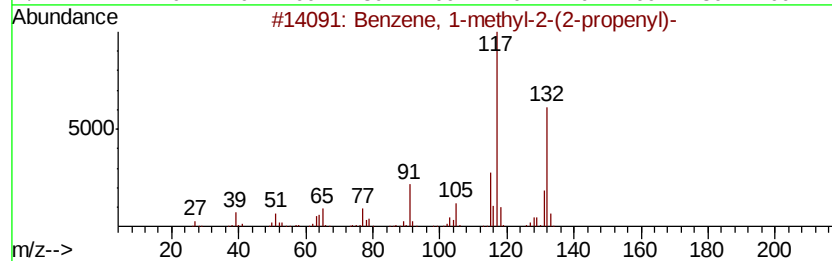
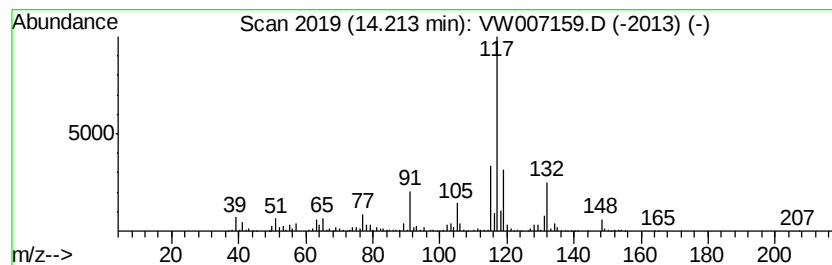
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Quant Title : VOC Analysis

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

Peak Number 62 Benzene, 1-methyl-2-(2-prop... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	22.39 ug/L	559972	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81
2		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	81
3		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	81
4		Benzene, 2-butenyl-	132	C10H12	001560-06-1	74
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	74



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y38

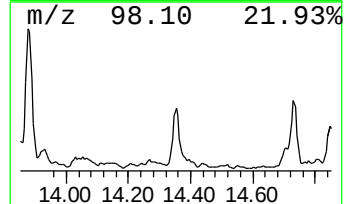
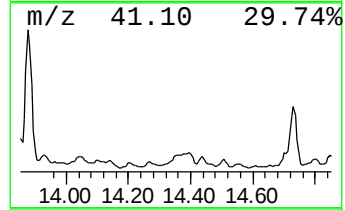
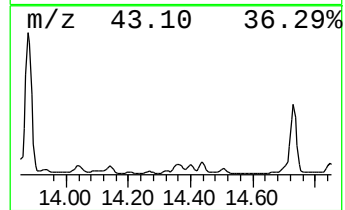
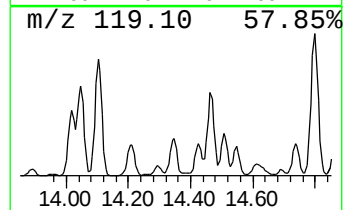
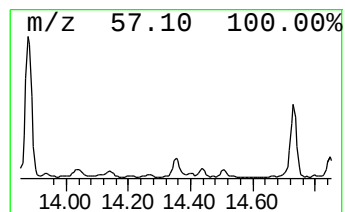
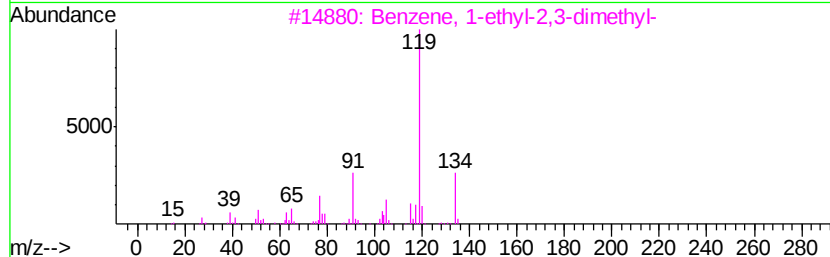
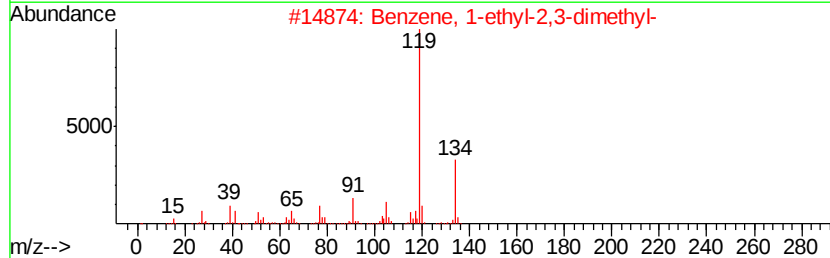
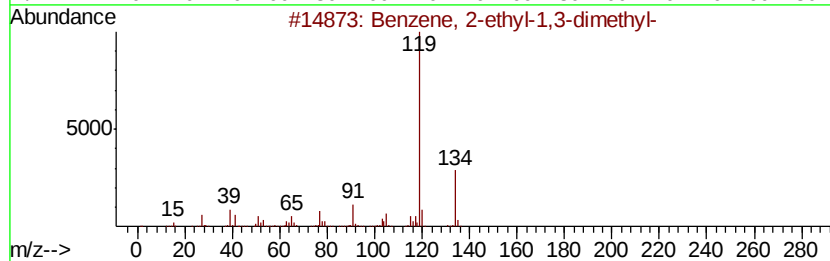
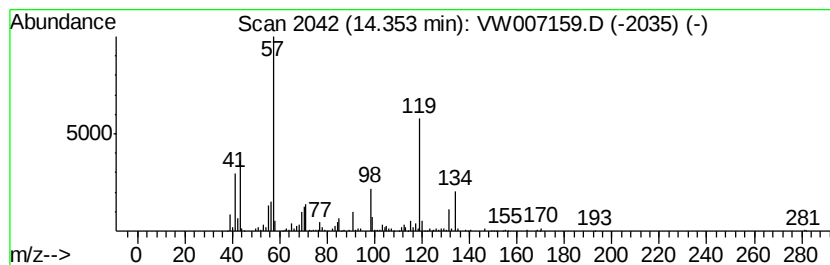
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Quant Title : VOC Analysis

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

Peak Number 63 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	14.40 ug/L	360260	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	50
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	45
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	45
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	45
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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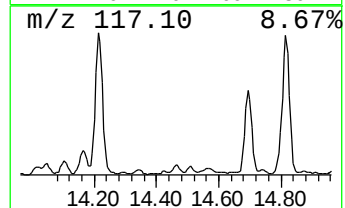
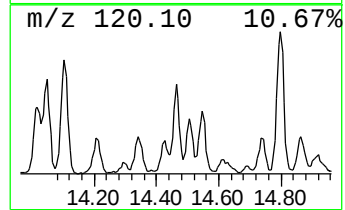
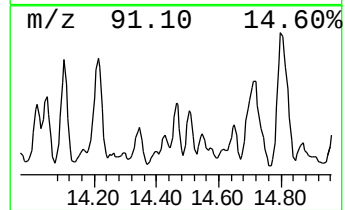
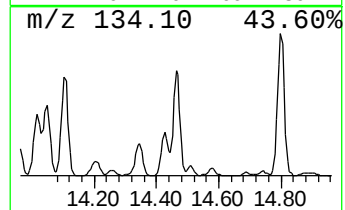
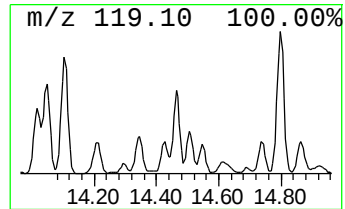
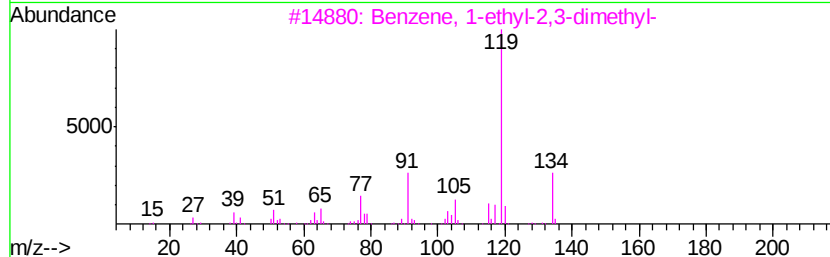
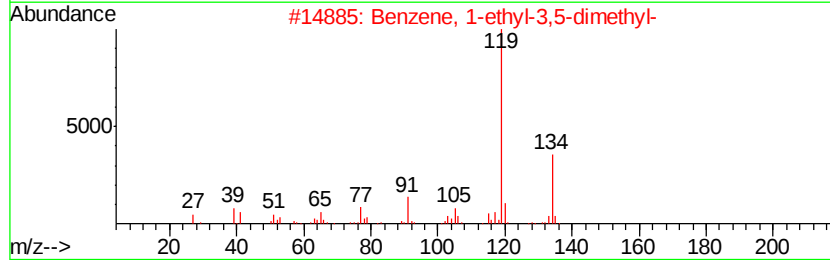
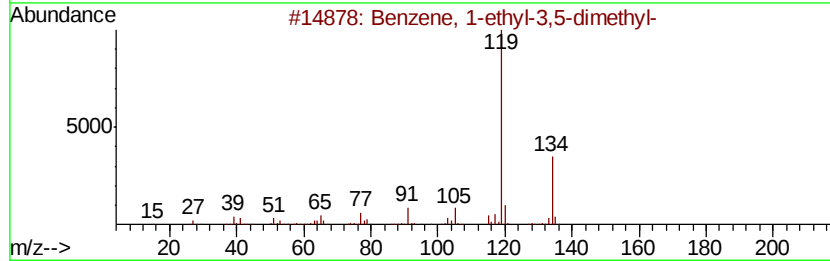
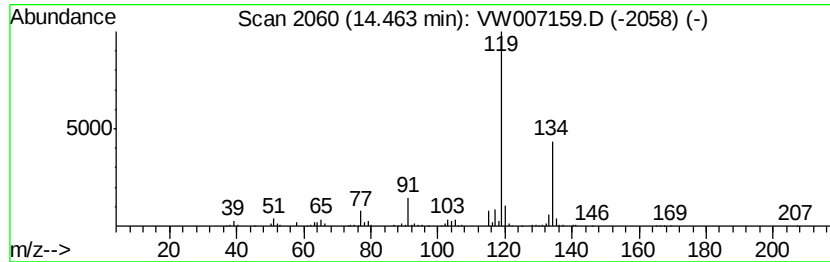
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Quant Title : VOC Analysis

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

Peak Number 64 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	8.51 ug/L	212811	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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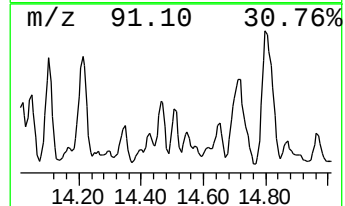
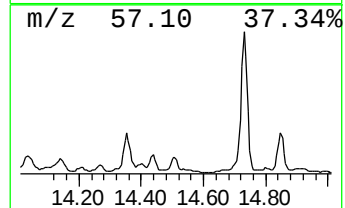
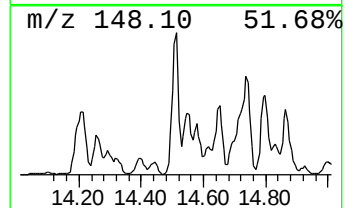
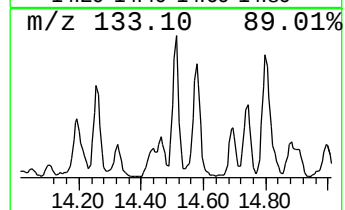
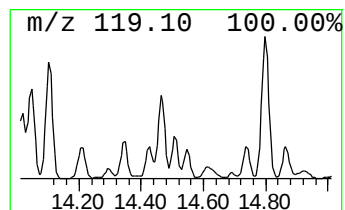
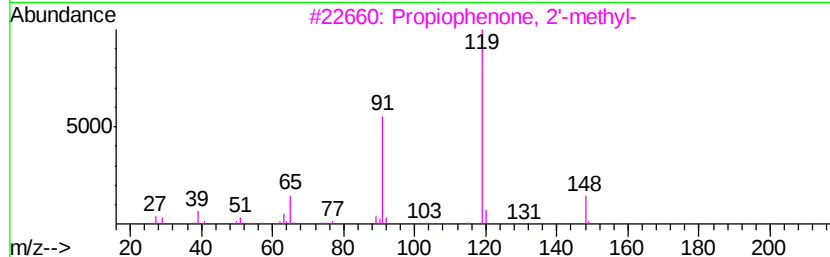
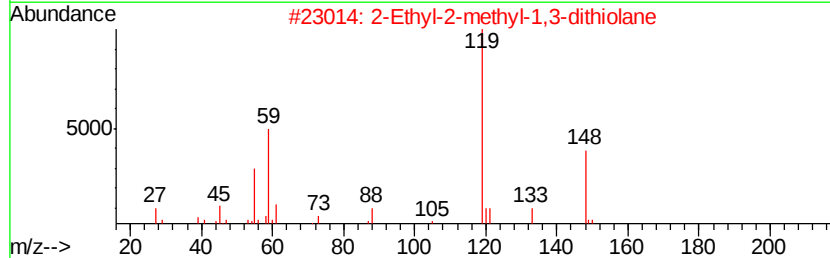
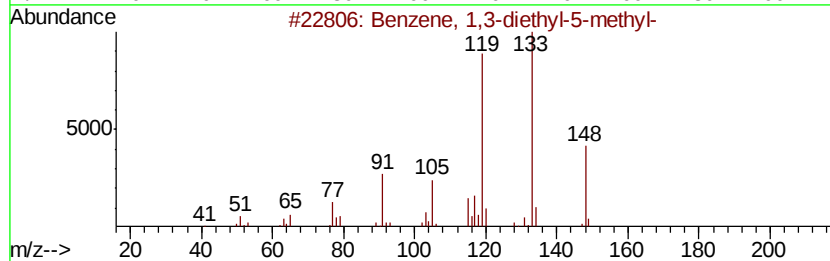
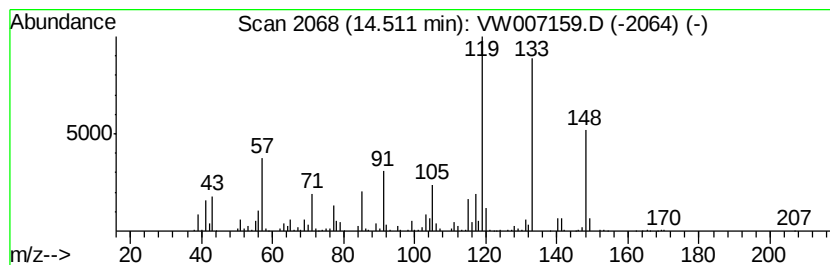
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Quant Title : VOC Analysis

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

Peak Number 65 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	8.97 ug/L	224287	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	83
2		2-Ethyl-2-methyl-1,3-dithiolane	148	C6H12S2	006008-81-7	46
3		Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	43
4		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	43
5		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y38

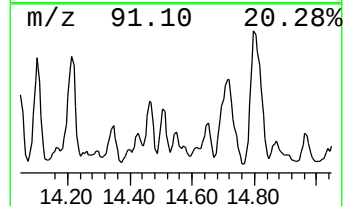
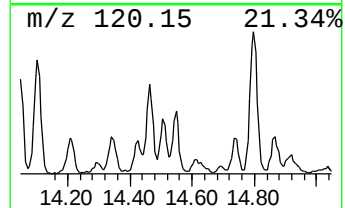
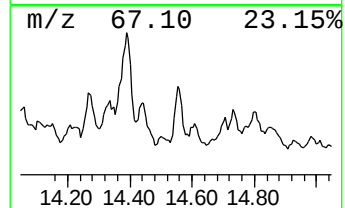
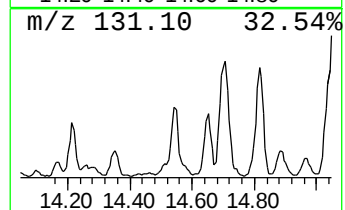
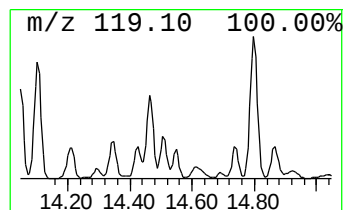
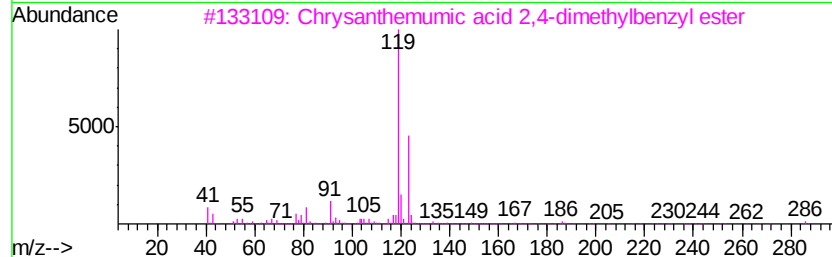
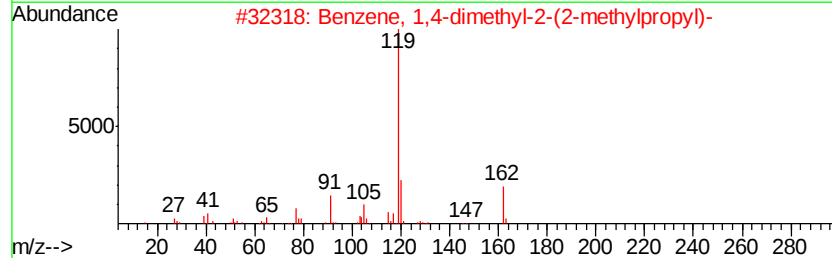
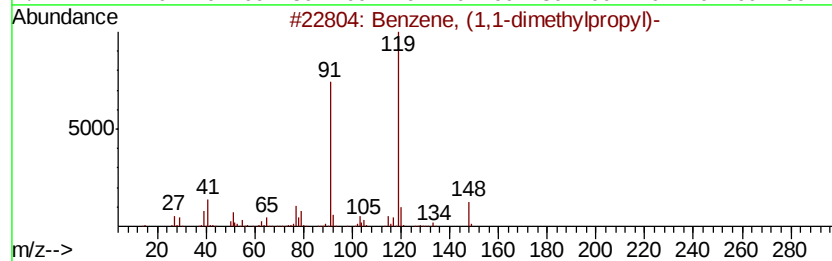
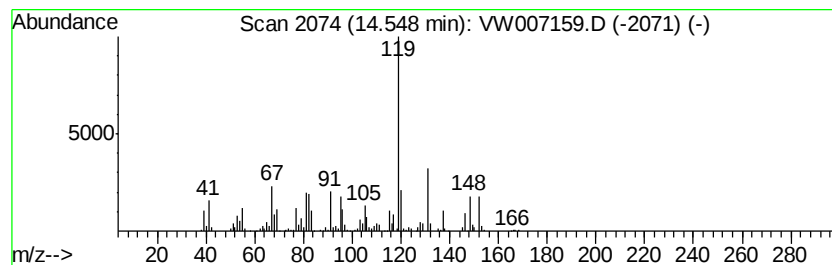
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Quant Title : VOC Analysis

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

Peak Number 66 unknown-04 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	7.94 ug/L	198648	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
2			Benzene, 1,4-dimethyl-2-(2-methyl...	162	C12H18	055669-88-0	38
3			Chrysanthemic acid 2,4-dimethyl...	286	C19H26O2	000070-38-2	38
4			2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	38
5			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y38

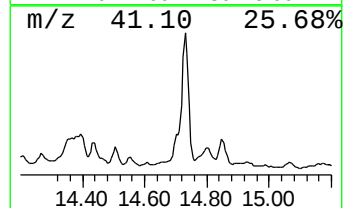
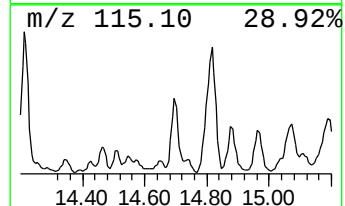
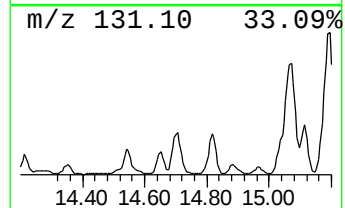
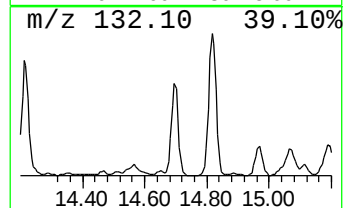
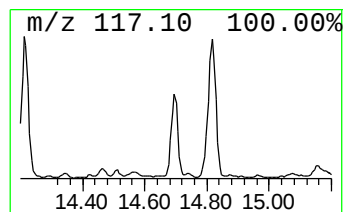
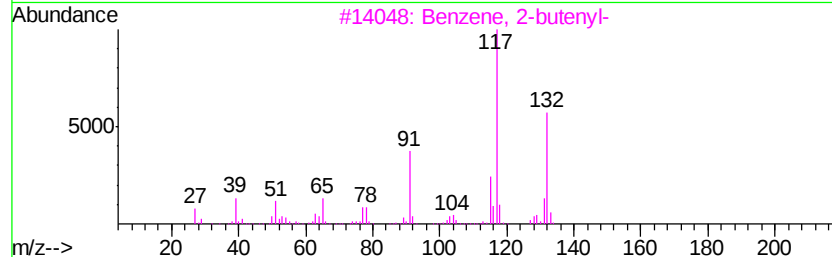
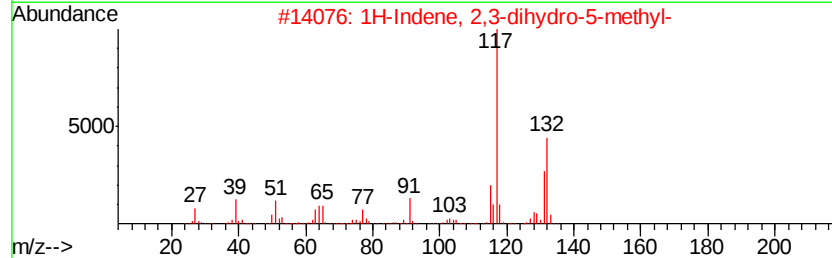
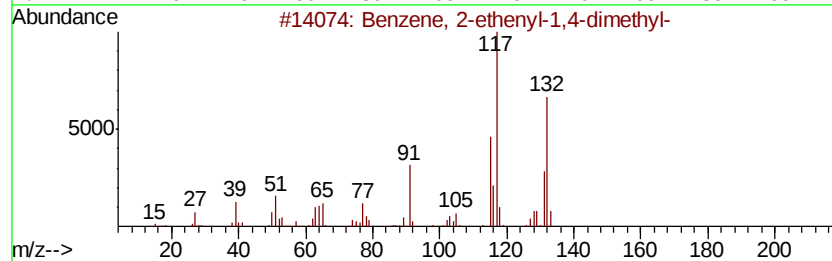
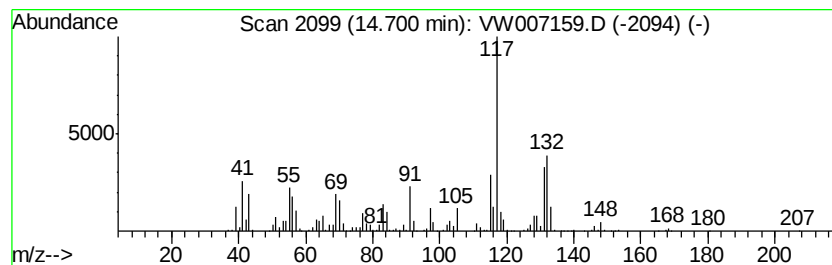
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Quant Title : VOC Analysis

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

Peak Number 67 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	19.60 ug/L	490154	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	81
4		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	80
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y38

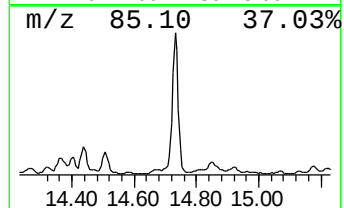
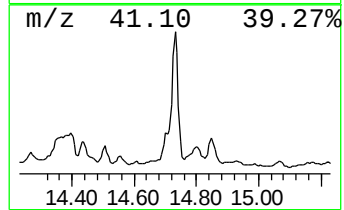
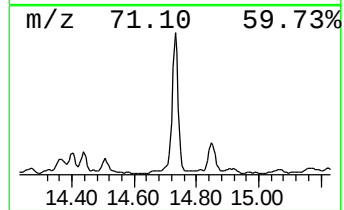
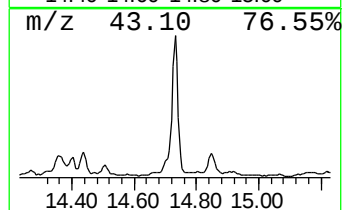
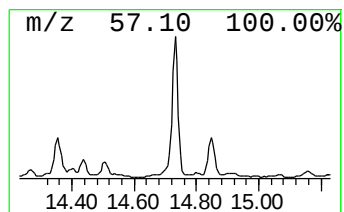
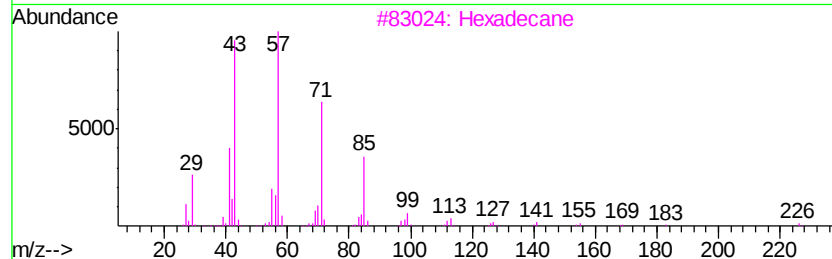
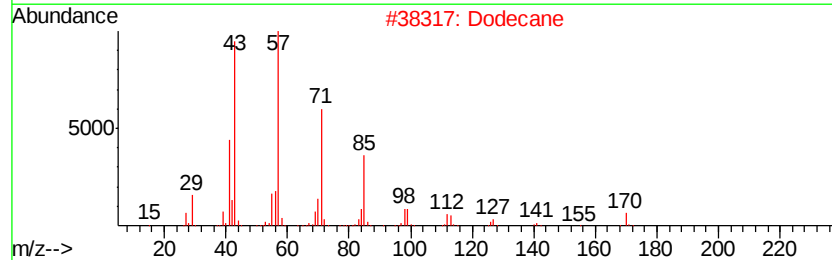
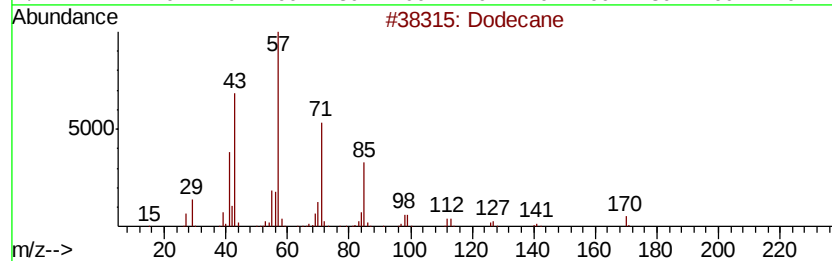
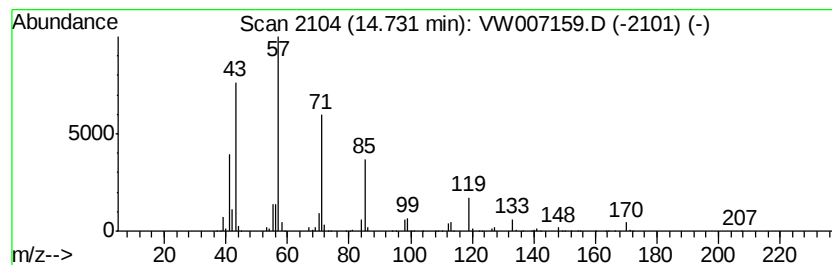
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Quant Title : VOC Analysis

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

Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	38.36 ug/L	959431	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	94
2		Dodecane	170	C12H26	000112-40-3	93
3		Hexadecane	226	C16H34	000544-76-3	74
4		Tridecane	184	C13H28	000629-50-5	72
5		Tetradecane	198	C14H30	000629-59-4	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y38

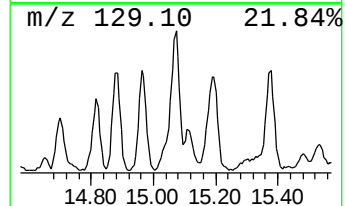
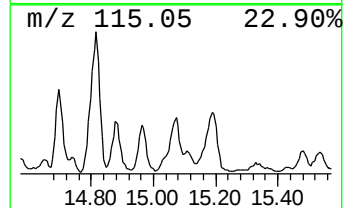
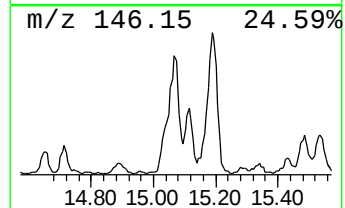
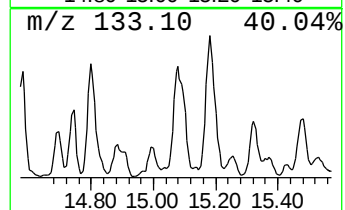
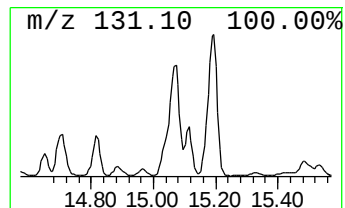
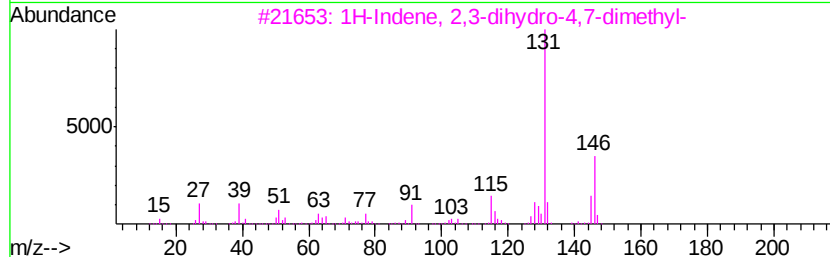
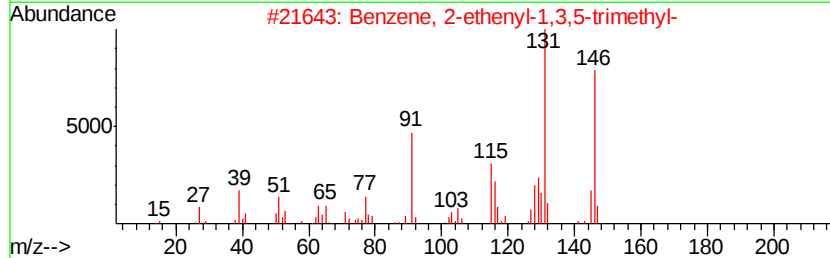
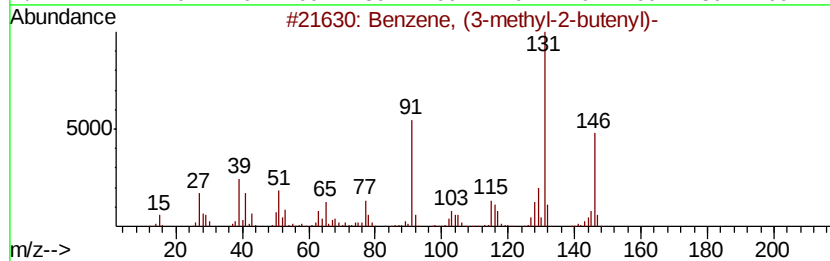
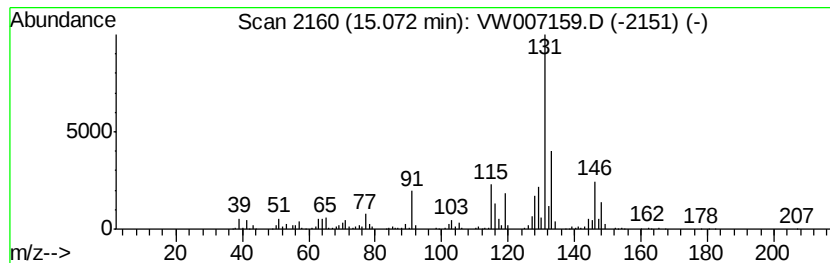
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Quant Title : VOC Analysis

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

Peak Number 70 Benzene, (3-methyl-2-butenyl)- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	16.82 ug/L	420725	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
2		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	76
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
4		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64
5		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y38

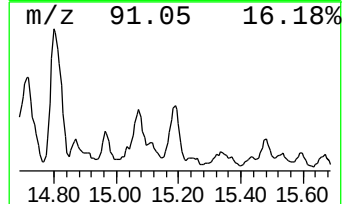
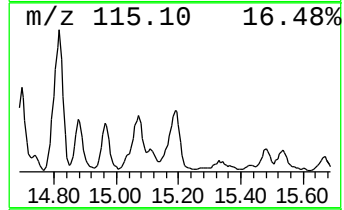
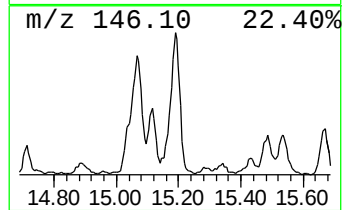
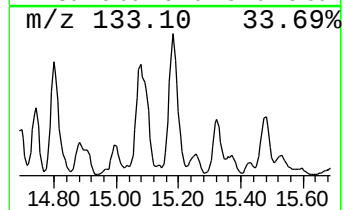
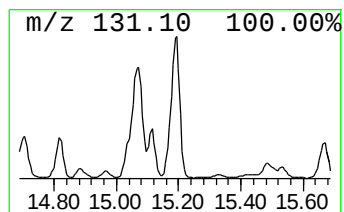
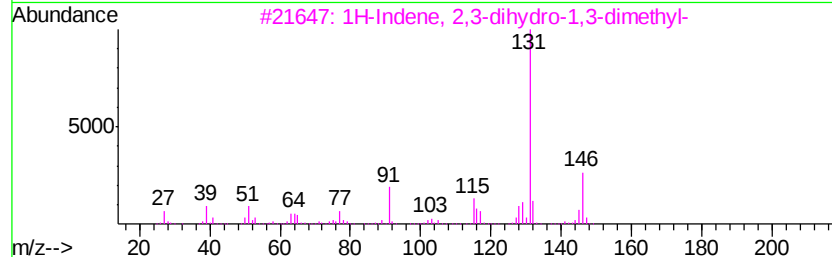
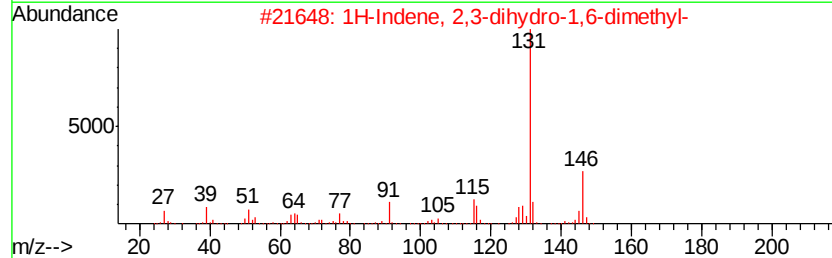
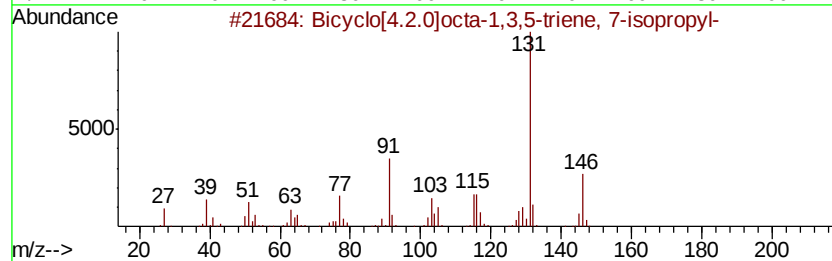
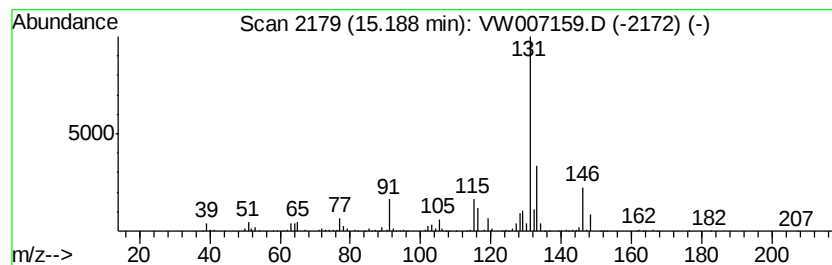
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Quant Title : VOC Analysis

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

Peak Number 71 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	16.65 ug/L	416418	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	81
2		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
3		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
4		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81
5		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9Y38

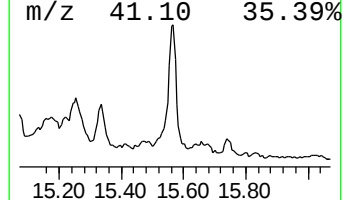
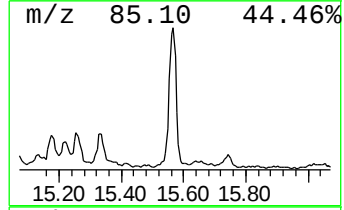
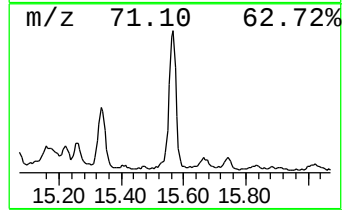
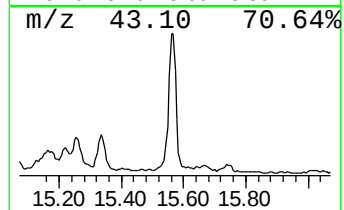
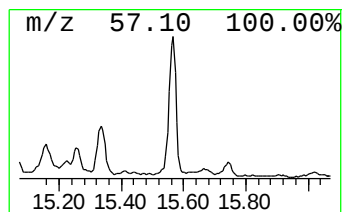
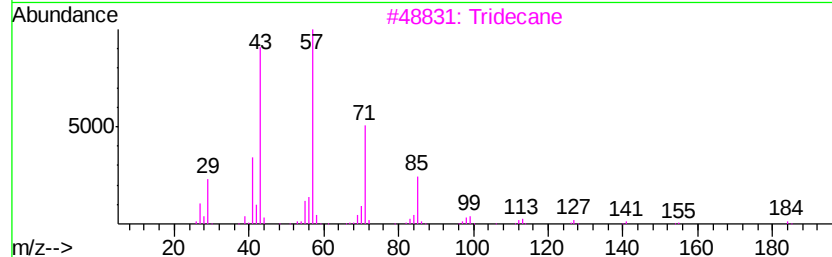
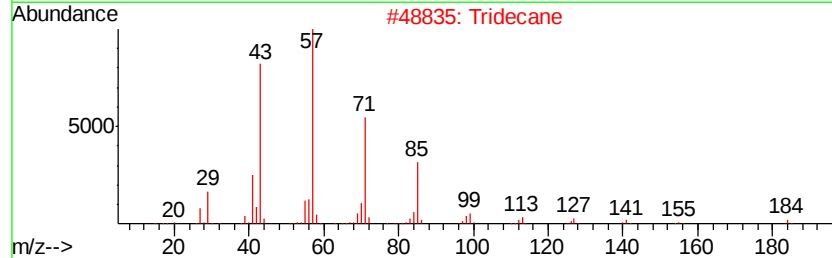
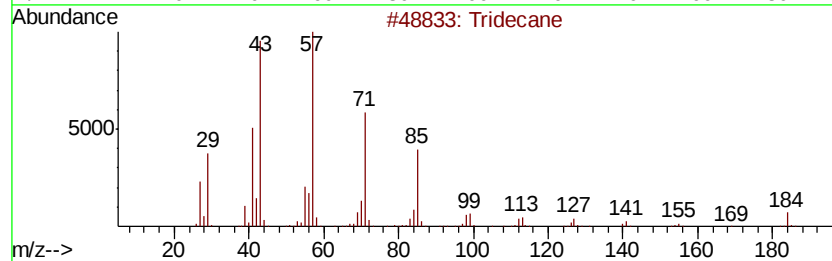
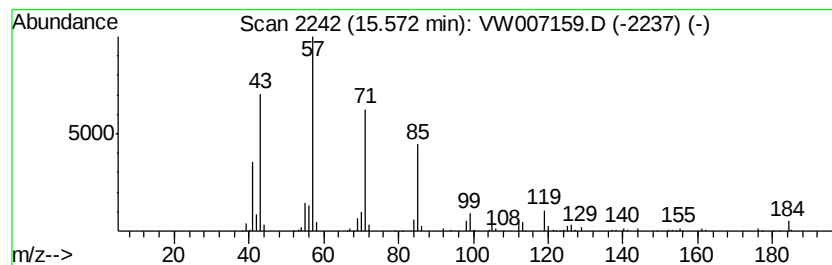
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Quant Title : VOC Analysis

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

Peak Number 73 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	12.23 ug/L	305884	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	94
2		Tridecane	184	C13H28	000629-50-5	91
3		Tridecane	184	C13H28	000629-50-5	91
4		Tridecane	184	C13H28	000629-50-5	87
5		Tridecane	184	C13H28	000629-50-5	87



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120318\
 Data File : VW007159.D
 Acq On : 03 Dec 2018 11:40
 Operator : SY/AP
 Sample : J6077-05
 Misc : 4.55G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9Y38

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.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: Str...	2.18	5.3	ug/L	211037	1	8.85	1001540	25.0	
(DEL) Alkane: Str...	3.03	16.3	ug/L	650995	1	8.85	1001540	25.0	
(DEL) Alkane: Cyc...	3.31	11.5	ug/L	459279	1	8.85	1001540	25.0	
(DEL) Alkane: Str...	3.39	56.7	ug/L	2271040	1	8.85	1001540	25.0	
(DEL) Alkane: Cyc...	3.59	7.4	ug/L	296414	1	8.85	1001540	25.0	
(DEL) Alkane: Cyc...	3.85	9.6	ug/L	383042	1	8.85	1001540	25.0	
Cyclopentene	4.78	12.6	ug/L	503993	1	8.85	1001540	25.0	
(DEL) Alkane: Str...	4.97	40.1	ug/L	1608040	1	8.85	1001540	25.0	
(DEL) Alkane: Str...	5.45	17.9	ug/L	718112	1	8.85	1001540	25.0	
(DEL) Alkane: Cyc...	5.79	26.4	ug/L	1055900	1	8.85	1001540	25.0	
(DEL) Alkane: Str...	5.95	72.1	ug/L	2887020	1	8.85	1001540	25.0	
(DEL) Alkane: Cyc...	6.23	7.0	ug/L	279072	1	8.85	1001540	25.0	
(DEL) Alkane: Cyc...	6.29	7.9	ug/L	316296	1	8.85	1001540	25.0	
(DEL) Alkane: Cyc...	6.99	32.1	ug/L	1287430	1	8.85	1001540	25.0	
(DEL) Alkane: Str...	8.02	12.0	ug/L	479878	1	8.85	1001540	25.0	
(DEL) Alkane: Str...	8.16	25.4	ug/L	1015940	1	8.85	1001540	25.0	
(DEL) Alkane: Cyc...	8.44	19.9	ug/L	795819	1	8.85	1001540	25.0	
(DEL) Alkane: Cyc...	8.51	12.1	ug/L	483069	1	8.85	1001540	25.0	
(DEL) Alkane: Cyc...	8.59	43.7	ug/L	1748920	1	8.85	1001540	25.0	
(DEL) Alkane: Str...	8.70	90.5	ug/L	3625470	1	8.85	1001540	25.0	
3,5-Dimethylcyclo...	9.12	10.6	ug/L	422454	1	8.85	1001540	25.0	
(DEL) Alkane: Cyc...	9.52	14.2	ug/L	570168	1	8.85	1001540	25.0	
(DEL) Alkane: Cyc...	9.61	8.3	ug/L	332230	1	8.85	1001540	25.0	
(DEL) Alkane: Cyc...	9.76	11.8	ug/L	471292	1	8.85	1001540	25.0	
Cyclobutane, (1-m...	9.85	15.0	ug/L	600344	1	8.85	1001540	25.0	
Cyclopentene, 3-e...	9.91	8.9	ug/L	356545	1	8.85	1001540	25.0	
(DEL) Alkane: Str...	9.96	37.7	ug/L	1509770	1	8.85	1001540	25.0	
(DEL) Alkane: Cyc...	10.10	20.5	ug/L	819598	1	8.85	1001540	25.0	
Cyclohexene, 1-me...	10.21	15.2	ug/L	607018	1	8.85	1001540	25.0	
(DEL) Alkane: Str...	10.51	138.2	ug/L	3745420	2	11.63	677528	25.0	
(DEL) Alkane: Cyc...	10.67	16.7	ug/L	452765	2	11.63	677528	25.0	
5,5-Dimethyl-1,3-...	10.75	32.8	ug/L	889184	2	11.63	677528	25.0	
unknown-01	10.85	7.2	ug/L	193958	2	11.63	677528	25.0	
Bicyclo[3.1.0]hex...	11.02	11.8	ug/L	320955	2	11.63	677528	25.0	
Cyclohexene, 1,4-...	11.06	8.3	ug/L	224033	2	11.63	677528	25.0	
(DEL) Alkane: Cyc...	11.10	10.7	ug/L	290034	2	11.63	677528	25.0	
Methyl ethyl cycl...	11.14	9.3	ug/L	253402	2	11.63	677528	25.0	
(DEL) Alkane: Cyc...	11.18	17.8	ug/L	481148	2	11.63	677528	25.0	
(DEL) Alkane: Cyc...	11.23	20.6	ug/L	558014	2	11.63	677528	25.0	
unknown-02	11.29	8.4	ug/L	227453	2	11.63	677528	25.0	
unknown-03	11.34	11.7	ug/L	316791	2	11.63	677528	25.0	
(DEL) Alkane: Str...	11.41	39.0	ug/L	1057010	2	11.63	677528	25.0	
(DEL) Alkane: Str...	11.52	27.2	ug/L	736864	2	11.63	677528	25.0	
(DEL) Alkane: Cyc...	11.93	12.6	ug/L	341292	2	11.63	677528	25.0	
(DEL) Alkane: Str...	12.26	18.1	ug/L	489128	2	11.63	677528	25.0	
Bicyclo[3.2.1]octane	12.34	19.8	ug/L	535887	2	11.63	677528	25.0	
(S)-(+)-5-Methyl-...	12.38	21.2	ug/L	574544	2	11.63	677528	25.0	
(DEL) Alkane: Str...	12.54	18.3	ug/L	494850	2	11.63	677528	25.0	
Benzene, propyl-	12.80	18.2	ug/L	454367	3	13.56	625307	25.0	

Benzene, 1-ethyl-...	12.87	45.5 ug/L	1136780	3	13.56	625307	25.0
(DEL) Alkane: Str...	12.94	122.6 ug/L	3065670	3	13.56	625307	25.0
(DEL) Alkane: Cyc...	13.00	10.0 ug/L	250011	3	13.56	625307	25.0
(DEL) Alkane: Str...	13.17	14.4 ug/L	360778	3	13.56	625307	25.0
Benzene, 1,2,3-tr...	13.26	53.6 ug/L	1341780	3	13.56	625307	25.0
o-Cymene	13.49	13.9 ug/L	346739	3	13.56	625307	25.0
Benzene, cyclopro...	13.76	23.6 ug/L	590949	3	13.56	625307	25.0
Benzene, 2-ethyl-...	13.80	16.3 ug/L	408151	3	13.56	625307	25.0
Benzene, 1-methyl...	14.05	12.4 ug/L	309421	3	13.56	625307	25.0
Benzene, 1-ethyl-...	14.10	14.0 ug/L	350057	3	13.56	625307	25.0
Benzene, 1-methyl...	14.21	22.4 ug/L	559972	3	13.56	625307	25.0
Benzene, 2-ethyl-...	14.35	14.4 ug/L	360260	3	13.56	625307	25.0
Benzene, 1-ethyl-...	14.46	8.5 ug/L	212811	3	13.56	625307	25.0
Benzene, 1,3-diet...	14.51	9.0 ug/L	224287	3	13.56	625307	25.0
unknown-04	14.55	7.9 ug/L	198648	3	13.56	625307	25.0
Benzene, 2-etheny...	14.70	19.6 ug/L	490154	3	13.56	625307	25.0
(DEL) Alkane: Str...	14.73	38.4 ug/L	959431	3	13.56	625307	25.0
Benzene, (3-methy...	15.07	16.8 ug/L	420725	3	13.56	625307	25.0
Bicyclo[4.2.0]oct...	15.19	16.6 ug/L	416418	3	13.56	625307	25.0
(DEL) Alkane: Str...	15.57	12.2 ug/L	305884	3	13.56	625307	25.0

Instrument :
MSVOA_W
ClientSampleId :
F9Y38