

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
 Data File : VW015934.D
 Acq On : 23 Jul 2020 20:12
 Operator : SY/VA
 Sample : L3395-05
 Misc : 5.48G/10ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY15

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\SOM2WLM072020S.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	3.038	175	186	226	rBV	7973171	21473833	12.15%	1.236%
2	3.391	234	244	267	rVB	1259314	3285198	1.86%	0.189%
3	4.964	476	502	555	rVV	8513415	50703983	28.68%	2.918%
4	5.440	565	580	620	rVB	5185151	20079351	11.36%	1.155%
5	5.940	649	662	680	rBV	2130835	6387079	3.61%	0.368%
6	6.732	778	792	803	rBV2	865380	2992051	1.69%	0.172%
7	6.885	804	817	827	rVV	14750117	52186171	29.52%	3.003%
8	6.988	828	834	855	rVV	3921614	13046655	7.38%	0.751%
9	7.933	980	989	998	rBV	9799959	27194963	15.38%	1.565%
10	8.049	998	1008	1020	rVV	37299007	110407761	62.45%	6.353%
11	8.165	1020	1027	1036	rVB	11459108	25338229	14.33%	1.458%
12	8.506	1063	1083	1093	rBV5	43321075	176793552	100.00%	10.174%
13	8.585	1093	1096	1105	rVB	3033390	6409226	3.63%	0.369%
14	8.701	1105	1115	1127	rVB3	4586483	10432584	5.90%	0.600%
15	8.835	1127	1137	1144	rBV2	5344026	14011959	7.93%	0.806%
16	9.000	1159	1164	1170	rVB	1939191	3554031	2.01%	0.205%
17	9.073	1170	1176	1180	rBV	1379317	2734077	1.55%	0.157%
18	9.122	1180	1184	1203	rVB2	1155093	3317363	1.88%	0.191%
19	9.341	1203	1220	1224	rBV	19988272	49703440	28.11%	2.860%
20	9.396	1224	1229	1237	rVB	16954531	36045961	20.39%	2.074%
21	9.476	1237	1242	1246	rBV	2917576	5746558	3.25%	0.331%
22	9.518	1246	1249	1255	rVB	2783519	5123659	2.90%	0.295%
23	9.616	1255	1265	1272	rBV3	2117374	5566002	3.15%	0.320%
24	9.774	1282	1291	1300	rBV	36966791	89180605	50.44%	5.132%
25	9.908	1300	1313	1319	rBV2	39375708	95013568	53.74%	5.468%
26	9.963	1319	1322	1326	rBV	3978721	5069346	2.87%	0.292%
27	10.103	1336	1345	1356	rBV	10975707	26632810	15.06%	1.533%
28	10.256	1364	1370	1377	rVB	18259054	35714589	20.20%	2.055%
29	10.329	1377	1382	1392	rVB3	3583196	8402122	4.75%	0.483%
30	10.445	1392	1401	1405	rBV4	1714930	5145758	2.91%	0.296%
31	10.512	1405	1412	1418	rVB2	7349959	14895656	8.43%	0.857%
32	10.695	1434	1442	1446	rBV3	1993424	5463974	3.09%	0.314%
33	10.750	1446	1451	1452	rBV2	4477930	6653339	3.76%	0.383%
34	10.847	1462	1467	1473	rVB2	2565297	4942448	2.80%	0.284%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Title : VOC Analysis

35	10.939	1473	1482	1488	rBV2	2474470	5567115	3.15%	0.320%
36	11.042	1488	1499	1506	rVV2	4503002	13404491	7.58%	0.771%
37	11.109	1506	1510	1512	rVV3	1620381	2919791	1.65%	0.168%
38	11.146	1512	1516	1519	rVV3	2213987	4191236	2.37%	0.241%
39	11.183	1519	1522	1527	rVV3	1456738	3191667	1.81%	0.184%
40	11.231	1527	1530	1534	rVV2	1440627	2939625	1.66%	0.169%
41	11.292	1535	1540	1544	rVV4	1903456	4427121	2.50%	0.255%
42	11.341	1544	1548	1552	rVV	2983729	5179011	2.93%	0.298%
43	11.414	1552	1560	1571	rVB2	7606946	18989093	10.74%	1.093%
44	11.518	1571	1577	1586	rBV	6486229	13017418	7.36%	0.749%
45	11.609	1586	1592	1600	rVV	5221292	12912374	7.30%	0.743%
46	11.701	1600	1607	1610	rVV	7971235	14902676	8.43%	0.858%
47	11.731	1610	1612	1617	rVV	4055016	6046626	3.42%	0.348%
48	11.847	1621	1631	1634	rVV	8035449	15380274	8.70%	0.885%
49	11.878	1634	1636	1642	rVB	6510121	9366761	5.30%	0.539%
50	12.073	1663	1668	1676	rVV2	3753118	7820387	4.42%	0.450%
51	12.140	1676	1679	1685	rVB3	1843178	2701010	1.53%	0.155%
52	12.249	1691	1697	1702	rVB2	2907459	5414179	3.06%	0.312%
53	12.329	1705	1710	1714	rBV3	1314133	2599427	1.47%	0.150%
54	12.469	1728	1733	1736	rVV	3142390	5522170	3.12%	0.318%
55	12.505	1737	1739	1743	rVV4	1969922	3793657	2.15%	0.218%
56	12.597	1747	1754	1760	rVV	17802648	32264201	18.25%	1.857%
57	12.652	1760	1763	1766	rVV	2276246	3324436	1.88%	0.191%
58	12.694	1766	1770	1776	rVV4	2405758	5385362	3.05%	0.310%
59	12.762	1776	1781	1784	rVV	4964814	8960595	5.07%	0.516%
60	12.804	1784	1788	1794	rVV	11463573	19280950	10.91%	1.110%
61	12.871	1794	1799	1800	rVV	2140055	2715351	1.54%	0.156%
62	12.902	1800	1804	1807	rVV	10521589	16882488	9.55%	0.971%
63	12.944	1807	1811	1819	rVV3	17263296	34823277	19.70%	2.004%
64	13.109	1830	1838	1845	rBV	10352046	20092410	11.36%	1.156%
65	13.194	1845	1852	1856	rVV	5057704	9403333	5.32%	0.541%
66	13.255	1856	1862	1868	rVV2	42279659	75225247	42.55%	4.329%
67	13.383	1875	1883	1885	rBV3	2514110	5591194	3.16%	0.322%
68	13.414	1885	1888	1891	rVV	3279216	5271711	2.98%	0.303%
69	13.444	1891	1893	1897	rVV2	2099616	2750937	1.56%	0.158%
70	13.493	1897	1901	1903	rVV2	1726345	2783158	1.57%	0.160%
71	13.524	1903	1906	1909	rVV2	1767041	2621092	1.48%	0.151%

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72	13.597	1913	1918	1930	rVB2	6903417	20148768	11.40%	1.159%
73	13.725	1930	1939	1940	rBV	6551499	9685209	5.48%	0.557%
74	13.755	1940	1944	1948	rVV3	19468165	37827521	21.40%	2.177%
75	13.792	1948	1950	1960	rVV3	16288060	32401516	18.33%	1.865%
76	13.877	1960	1964	1970	rVV2	3979113	6773830	3.83%	0.390%
77	13.950	1971	1976	1981	rVV	4881680	7863178	4.45%	0.452%
78	14.011	1981	1986	1989	rVV	9698605	15920798	9.01%	0.916%
79	14.042	1989	1991	1996	rVV	8263761	11432214	6.47%	0.658%
80	14.103	1996	2001	2007	rVV	17930933	29681709	16.79%	1.708%
81	14.164	2007	2011	2014	rVV	3272865	5137970	2.91%	0.296%
82	14.212	2014	2019	2024	rVV2	11998801	19501816	11.03%	1.122%
83	14.340	2036	2040	2045	rVV3	2098269	3688006	2.09%	0.212%
84	14.420	2045	2053	2056	rVV	10613539	18853641	10.66%	1.085%
85	14.462	2056	2060	2064	rVV	13821842	21448734	12.13%	1.234%
86	14.505	2064	2067	2070	rVV2	6079458	9051049	5.12%	0.521%
87	14.542	2070	2073	2080	rVV	2552030	3942258	2.23%	0.227%
88	14.645	2086	2090	2093	rVV	3242932	4583579	2.59%	0.264%
89	14.688	2093	2097	2101	rVV	11469200	20116931	11.38%	1.158%
90	14.725	2101	2103	2109	rVB2	4567796	6898215	3.90%	0.397%
91	14.810	2109	2117	2122	rBV2	15777092	35081928	19.84%	2.019%
92	14.859	2122	2125	2132	rVB2	2242748	3899169	2.21%	0.224%
93	14.962	2138	2142	2149	rVB3	1769412	3287724	1.86%	0.189%
94	15.066	2149	2159	2163	rBV2	5867409	14380715	8.13%	0.828%
95	15.182	2171	2178	2185	rVB2	4957907	11532267	6.52%	0.664%
96	15.474	2220	2226	2230	rBV	2227557	4045995	2.29%	0.233%
97	15.657	2248	2256	2264	rBV	2892540	5996679	3.39%	0.345%
98	15.828	2274	2284	2299	rVV3	1689519	6603554	3.74%	0.380%
99	16.029	2309	2317	2332	rVB3	1447521	4299910	2.43%	0.247%
100	16.645	2410	2418	2430	rVB	2799415	6388490	3.61%	0.368%

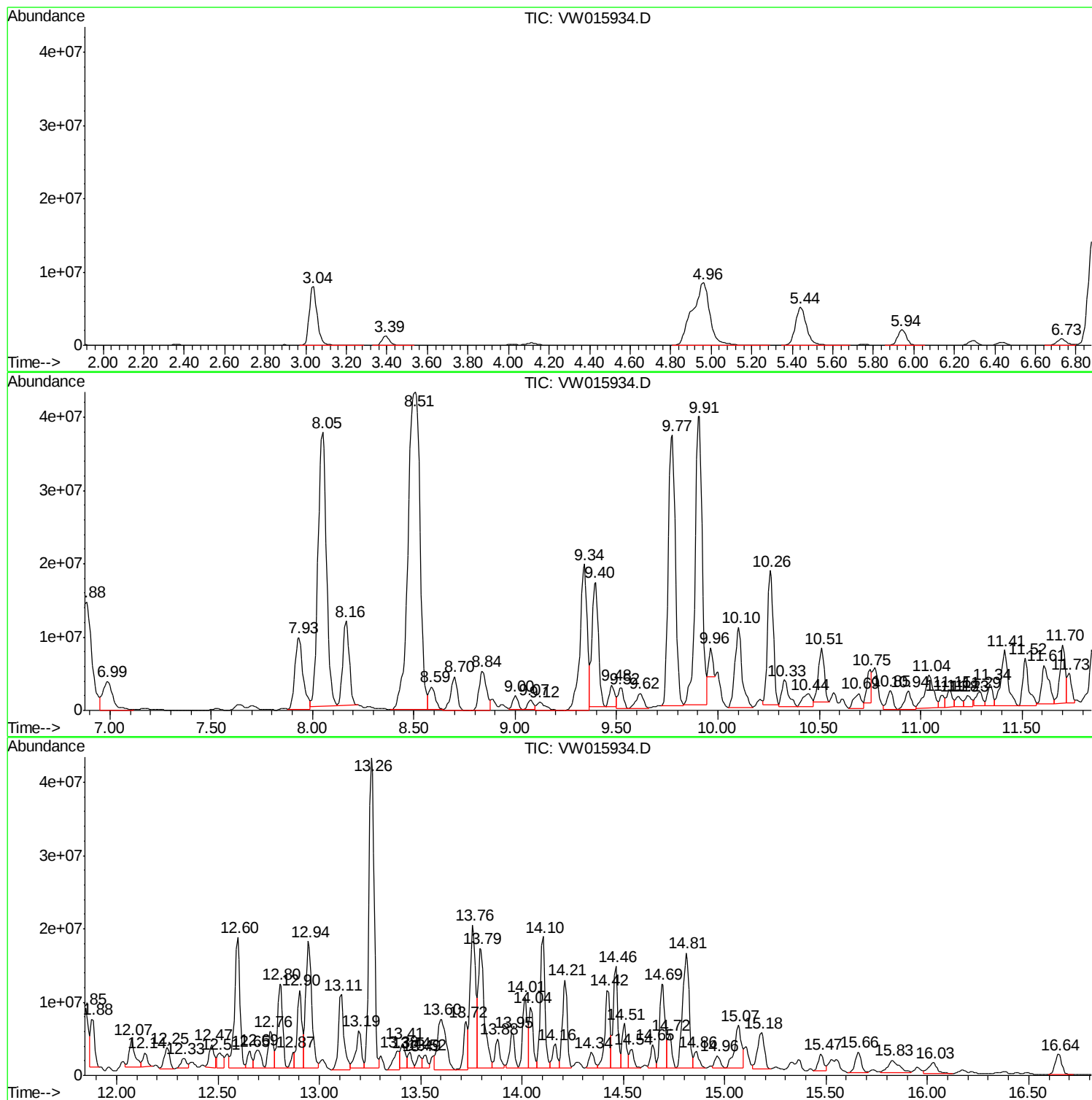
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

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



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ClientSampleId :
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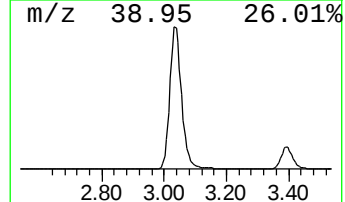
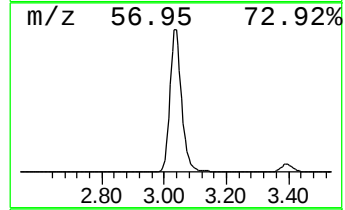
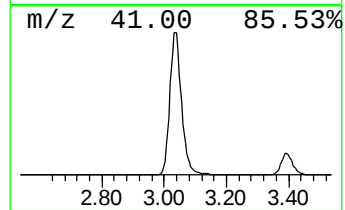
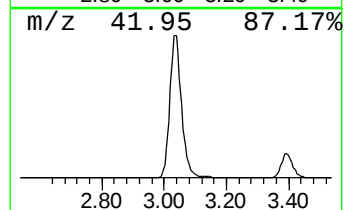
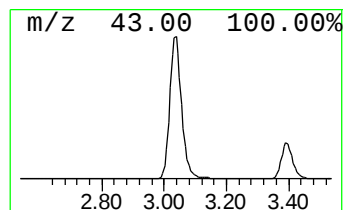
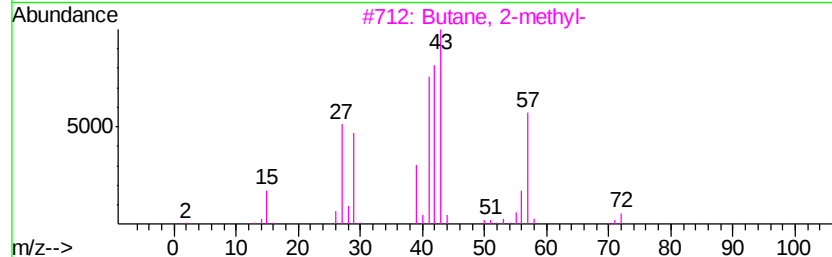
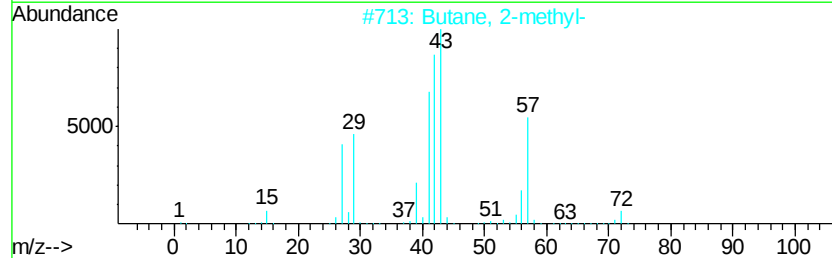
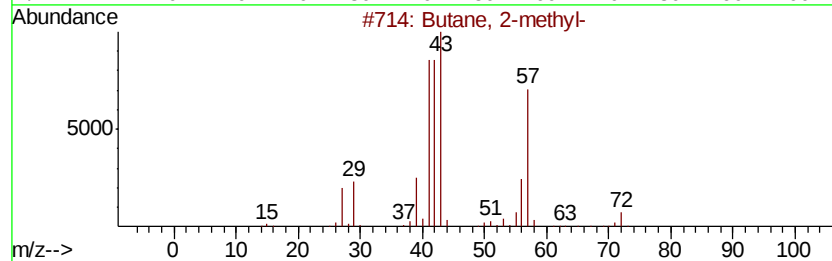
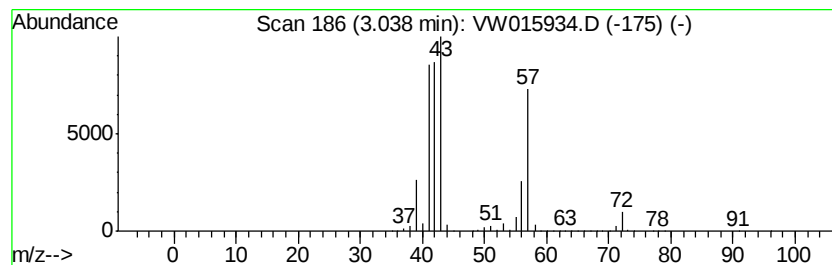
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	38.31 ug/L	21473800	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2		Butane, 2-methyl-	72	C5H12	000078-78-4	91
3		Butane, 2-methyl-	72	C5H12	000078-78-4	80
4		Pentane	72	C5H12	000109-66-0	43
5		3-Buten-1-ol	72	C4H8O	000627-27-0	28



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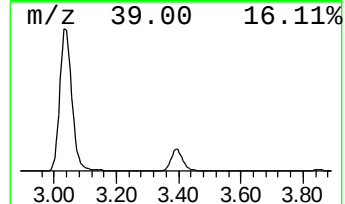
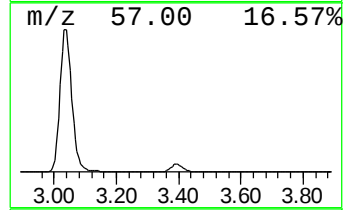
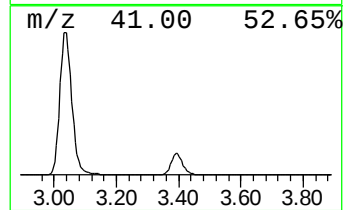
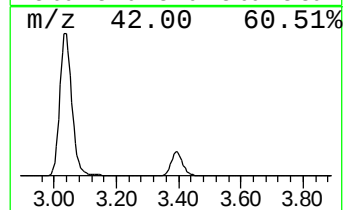
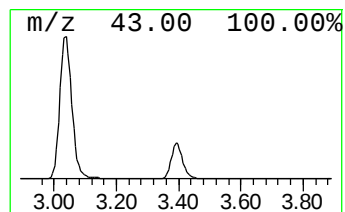
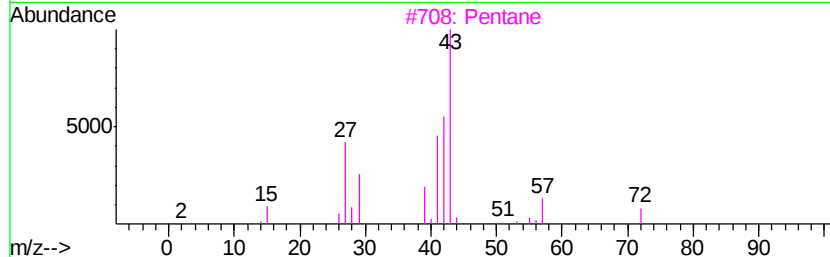
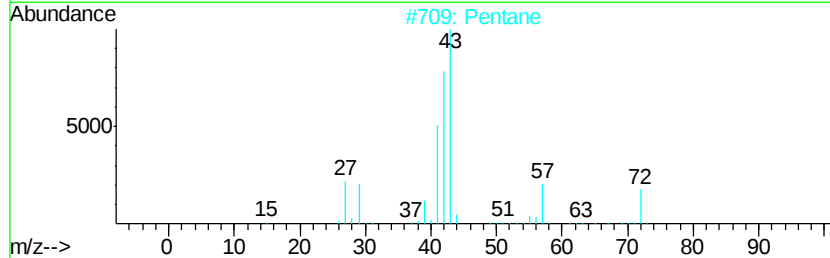
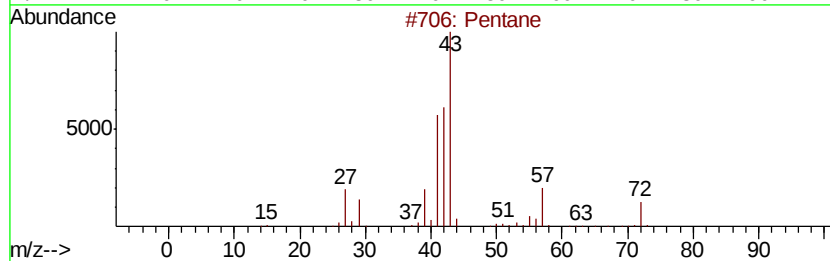
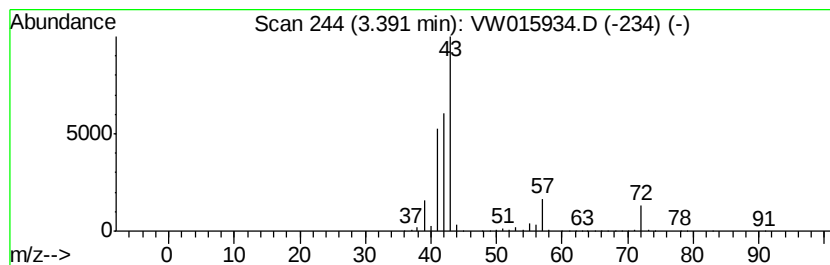
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 77

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	5.86 ug/L	3285200	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	91
3	Pentane			72	C5H12	000109-66-0	90
4	Pentane			72	C5H12	000109-66-0	90
5	Butane, 2-methyl-			72	C5H12	000078-78-4	39



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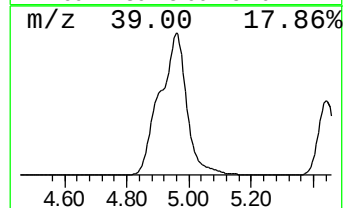
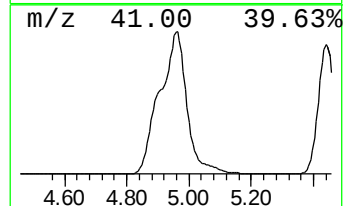
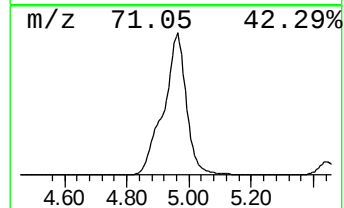
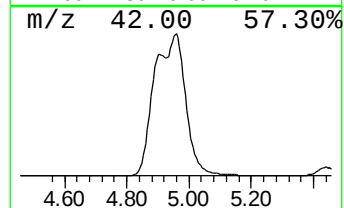
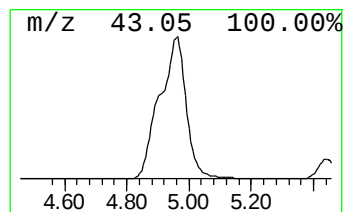
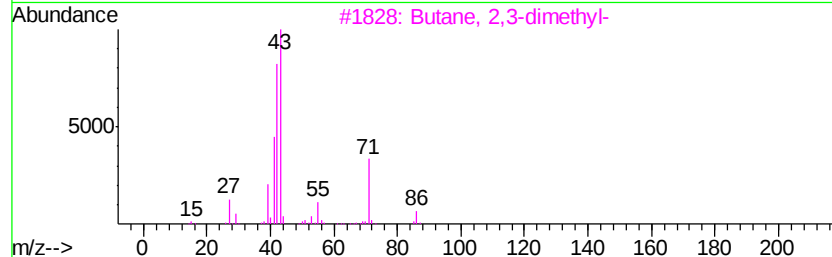
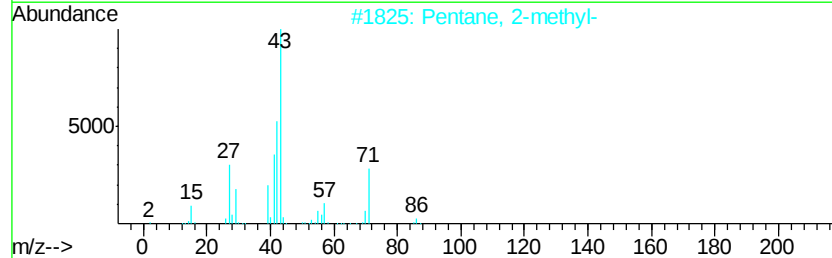
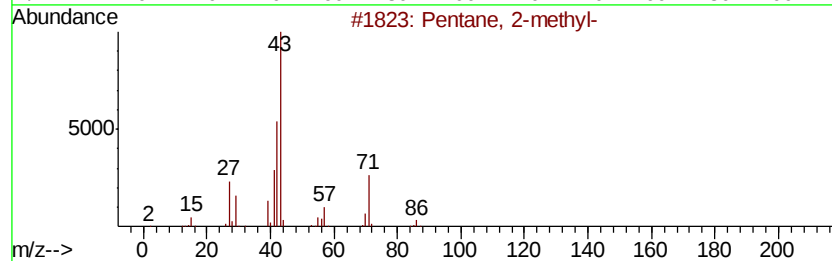
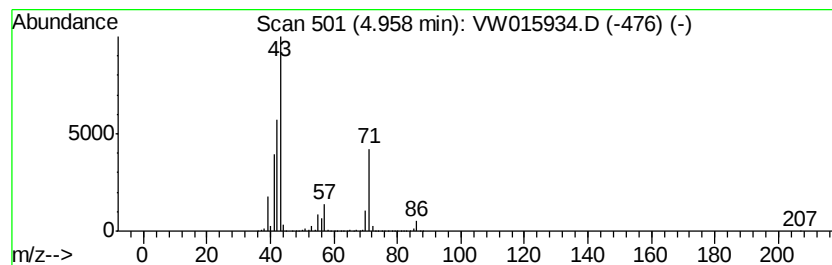
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	90.47 ug/L	50704000	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	72
4		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	47
5		1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

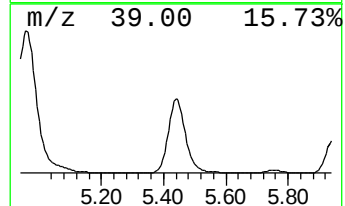
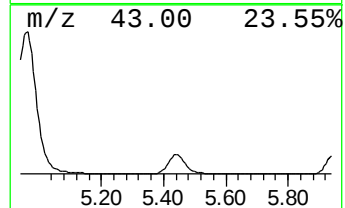
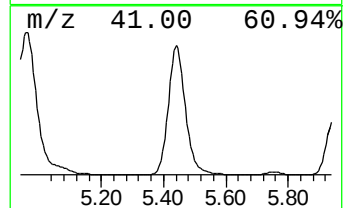
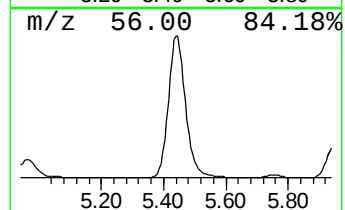
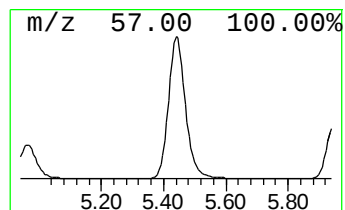
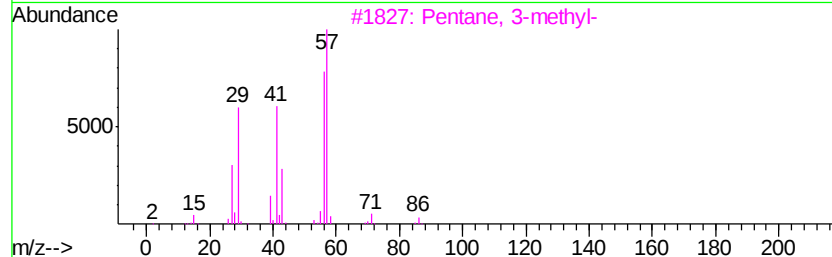
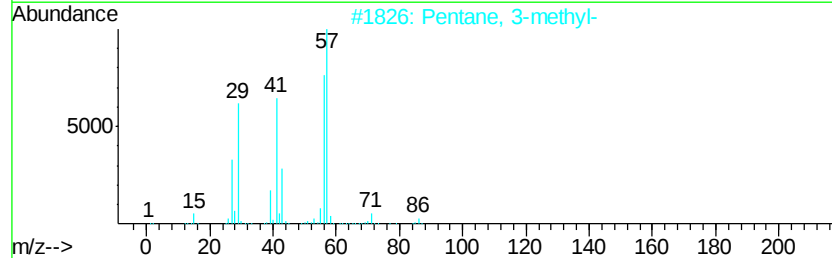
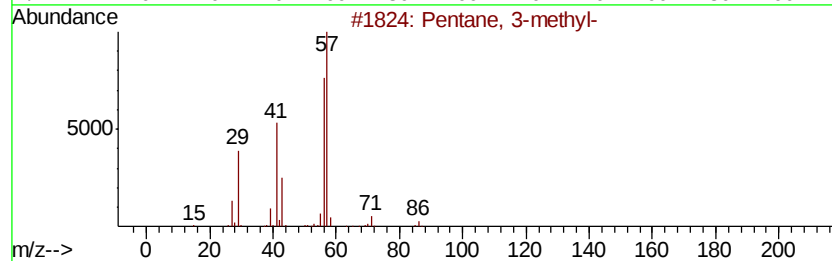
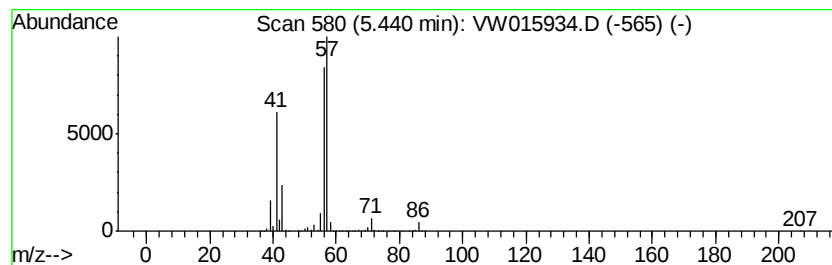
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.44	35.83 ug/L	20079400	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		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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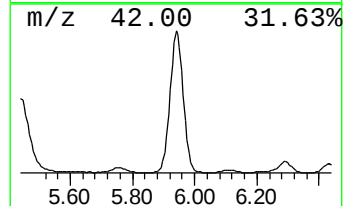
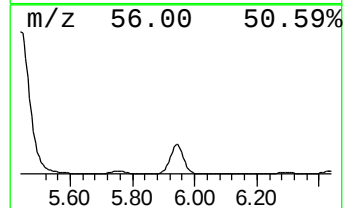
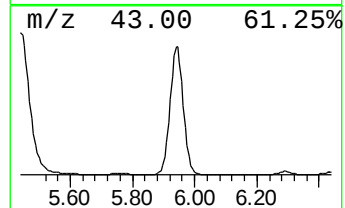
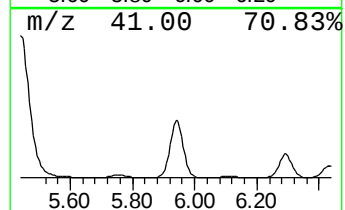
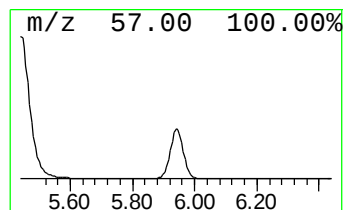
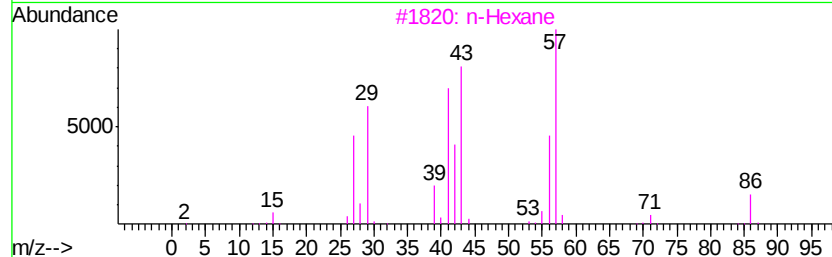
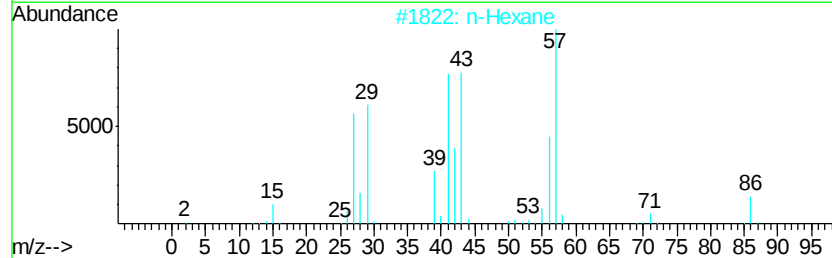
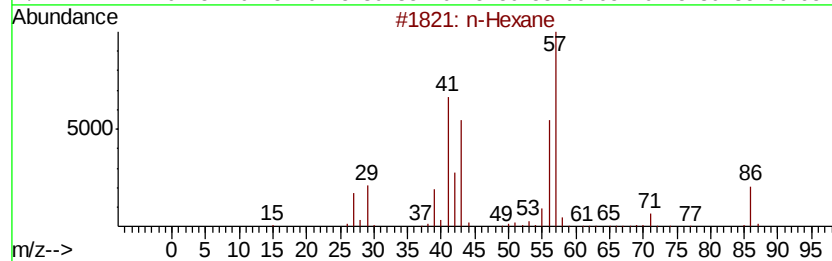
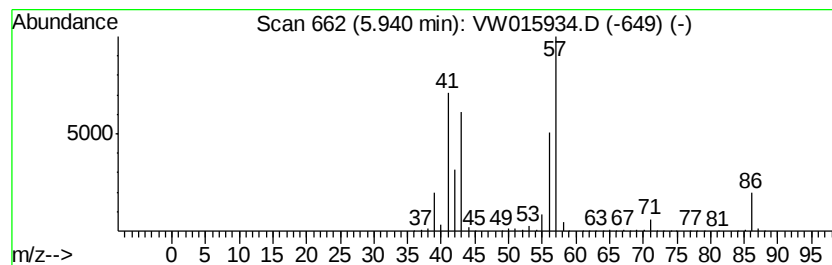
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	11.40 ug/L	6387080	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	78
3		n-Hexane	86	C6H14	000110-54-3	59
4		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	40
5		Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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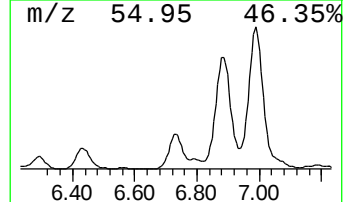
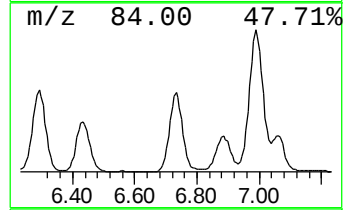
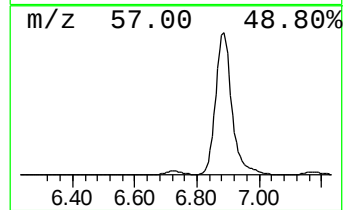
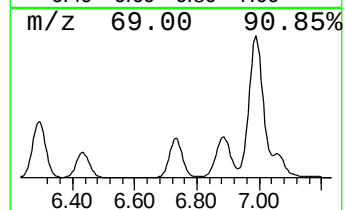
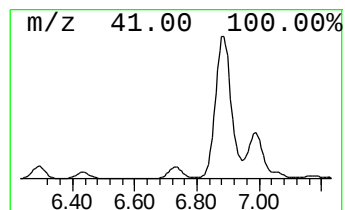
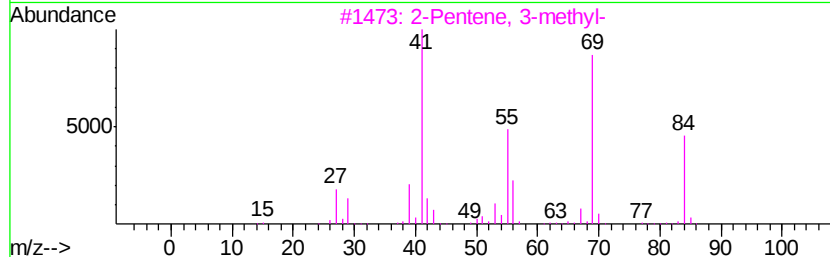
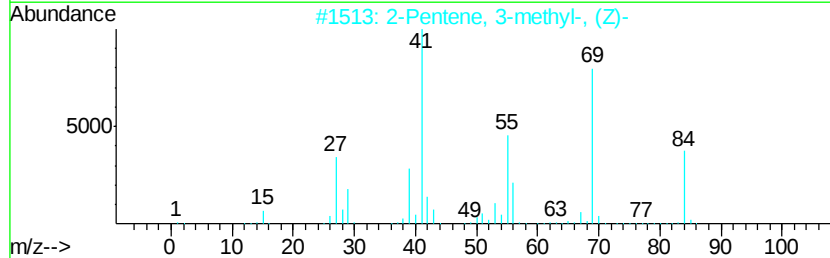
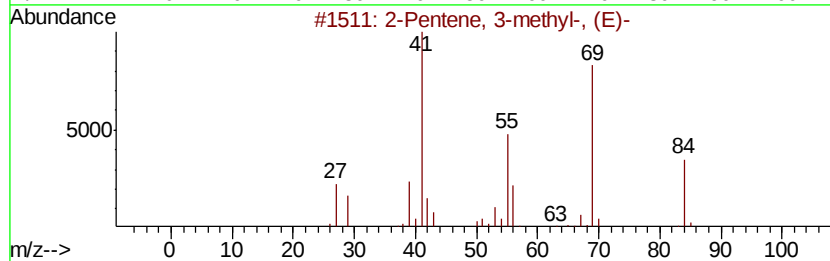
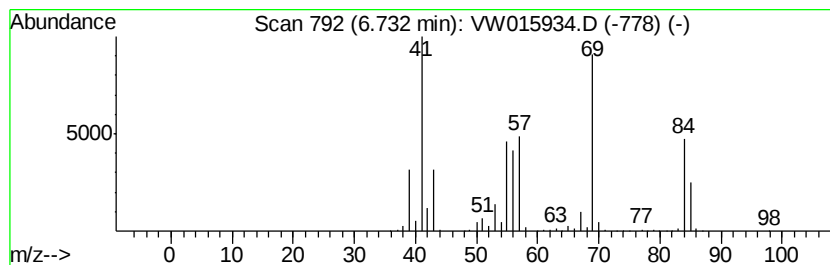
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 80

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	5.34 ug/L	2992050	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	81
2			2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	81
3			2-Pentene, 3-methyl-	84	C6H12	000922-61-2	81
4			2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	76
5			Pentane, 3-methylene-	84	C6H12	000760-21-4	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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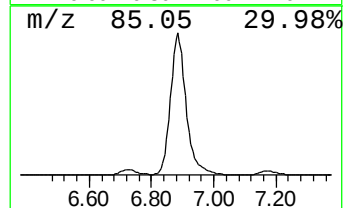
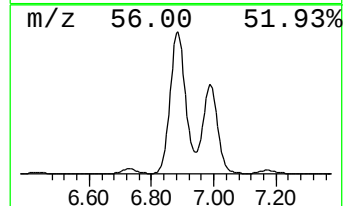
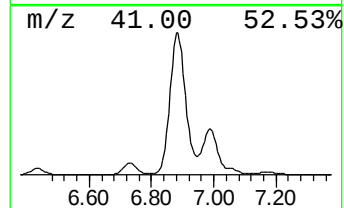
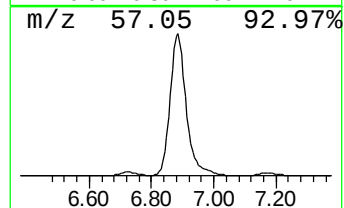
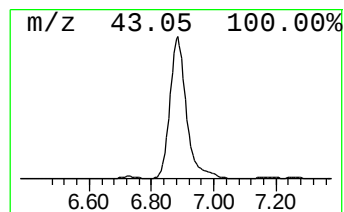
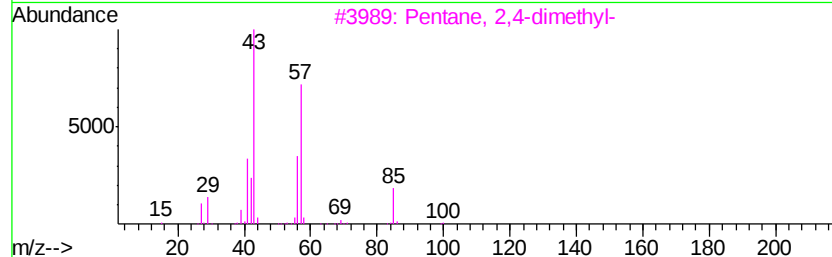
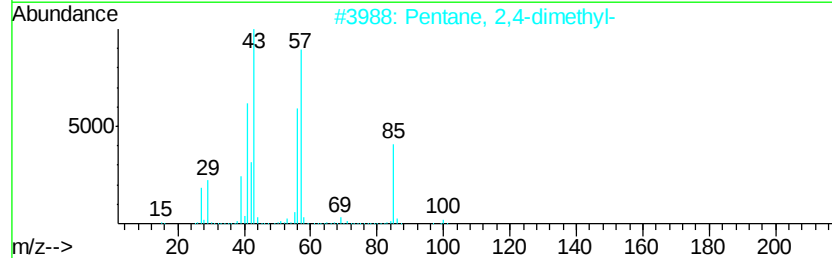
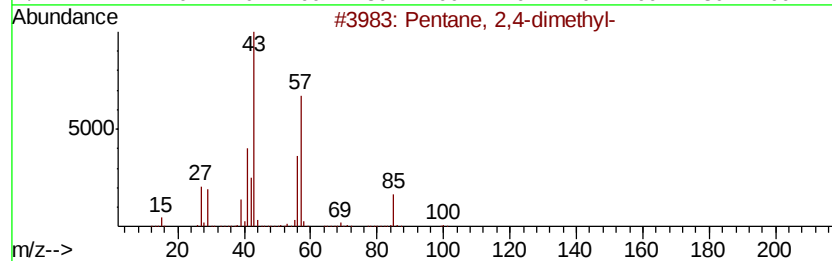
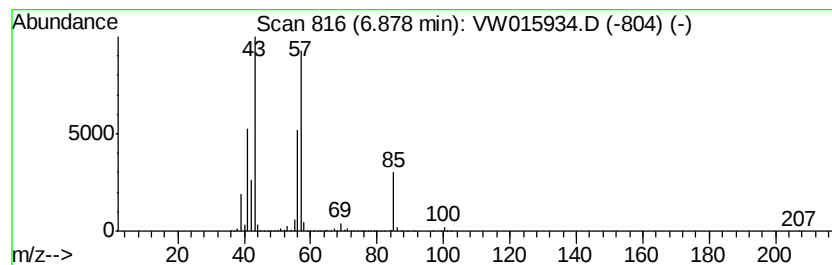
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	93.11 ug/L	52186200	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2		Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	90
3		Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	90
4		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59
5		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

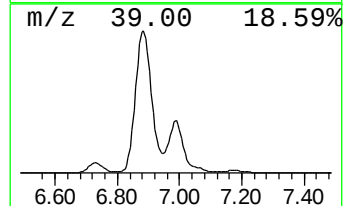
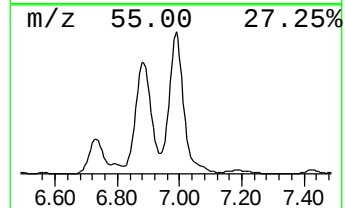
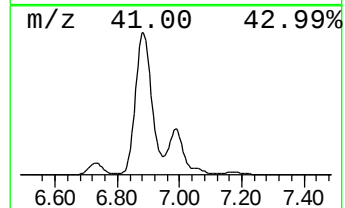
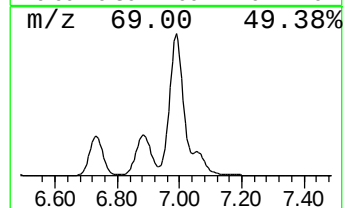
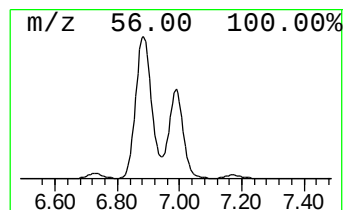
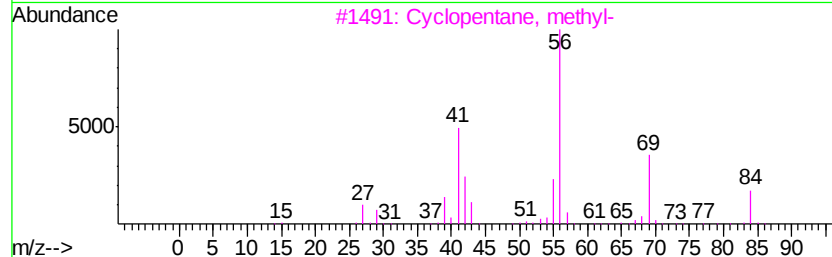
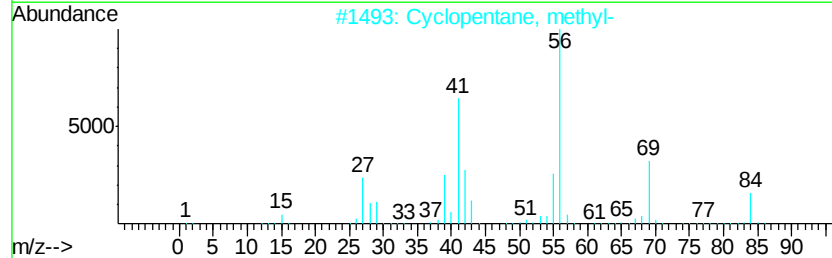
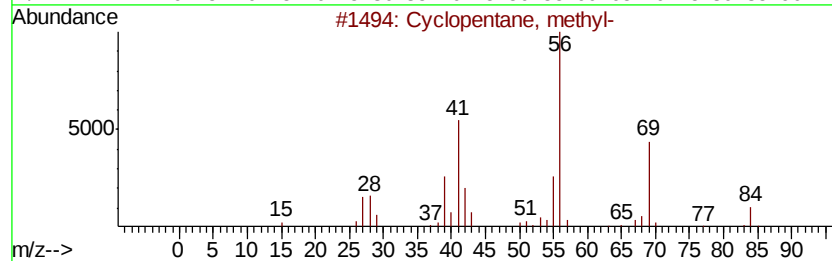
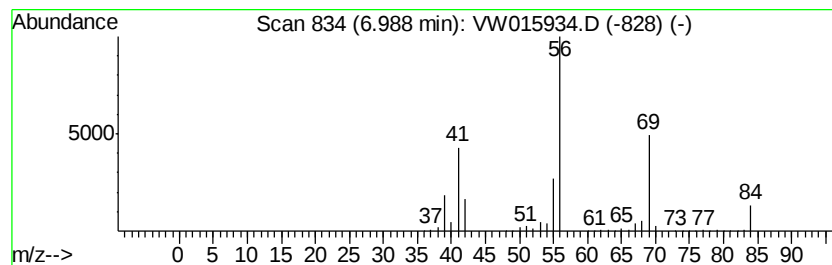
Instrument :
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Cyclic6.99 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	23.28 ug/L	13046700	1,4-Difluorobenzene	8.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentane, methyl-	84 C6H12	000096-37-7 91
2		Cyclopentane, methyl-	84 C6H12	000096-37-7 90
3		Cyclopentane, methyl-	84 C6H12	000096-37-7 80
4		1H-Tetrazole, 5-methyl-	84 C2H4N4	004076-36-2 72
5		Cyclobutane, ethyl-	84 C6H12	004806-61-5 72



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleID :
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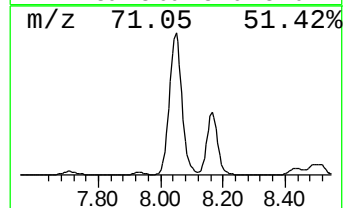
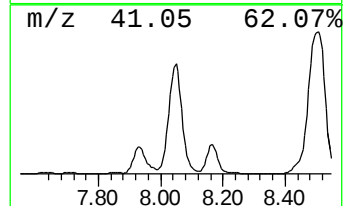
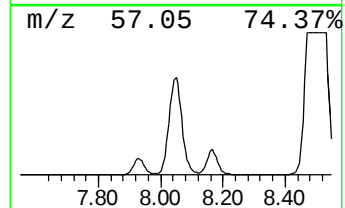
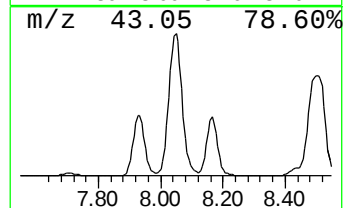
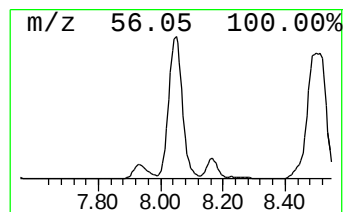
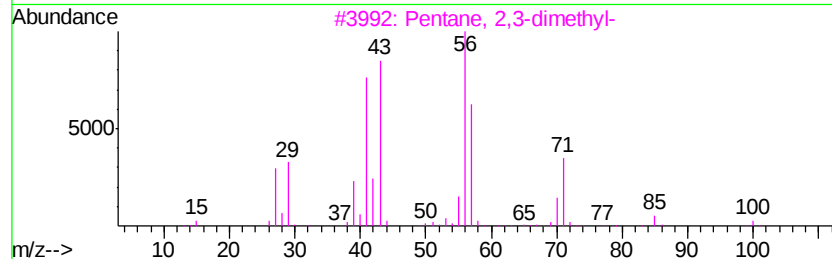
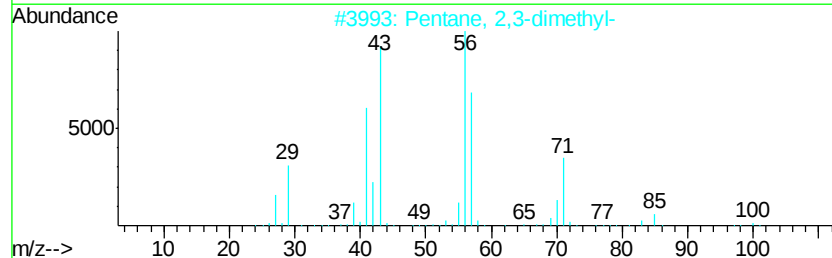
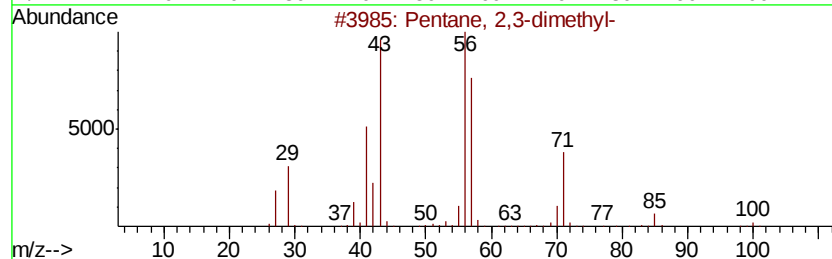
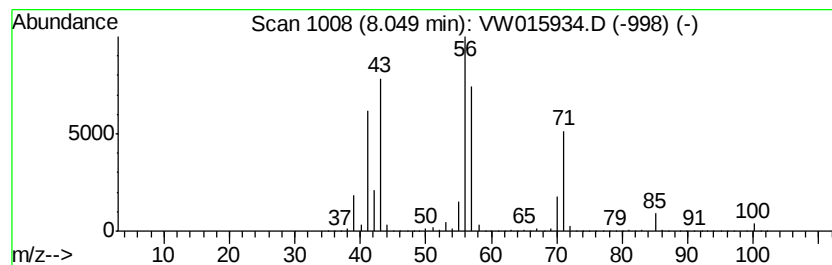
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	196.99 ug/L	110408000	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
3		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
4		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	50
5		Heptane	100	C7H16	000142-82-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

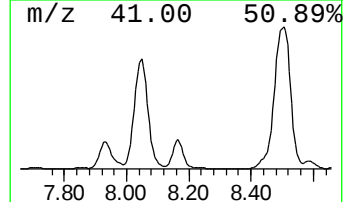
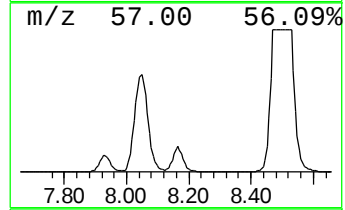
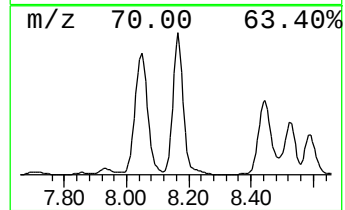
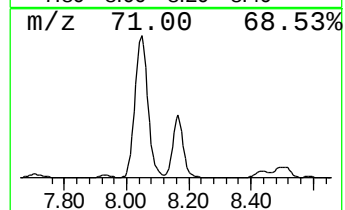
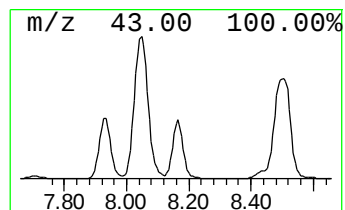
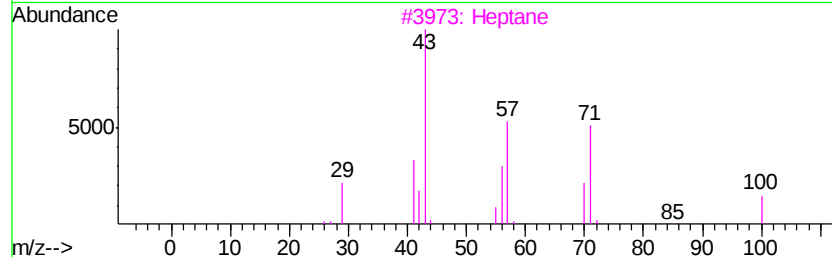
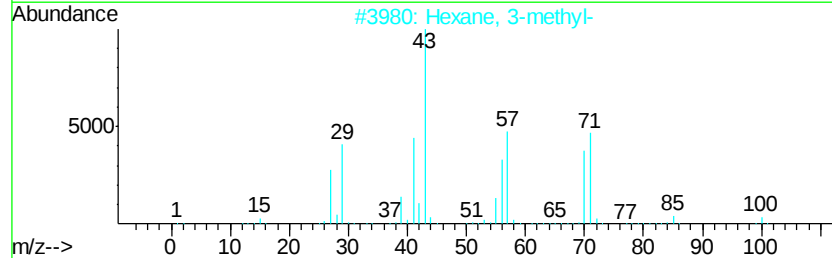
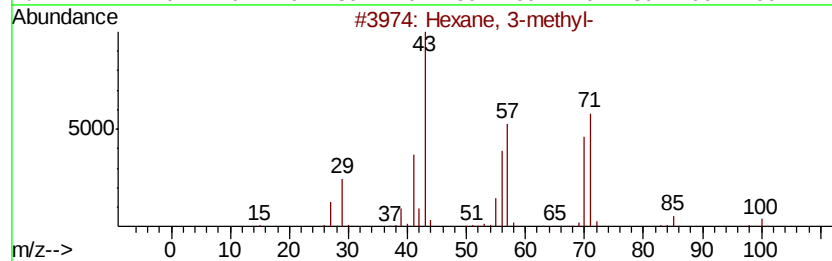
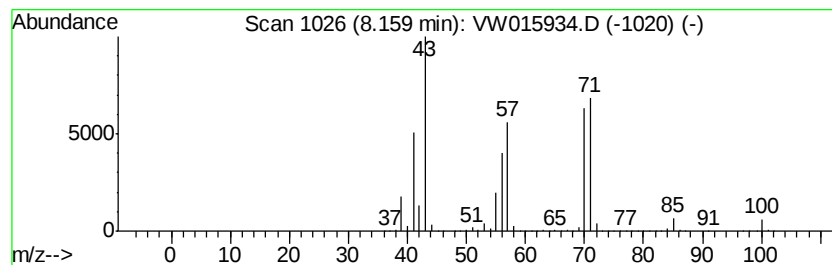
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	45.21 ug/L	25338200	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3-methyl-	100	C7H16	000589-34-4	94
2		Hexane, 3-methyl-	100	C7H16	000589-34-4	87
3		Heptane	100	C7H16	000142-82-5	83
4		Hexane, 3-methyl-	100	C7H16	000589-34-4	68
5		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

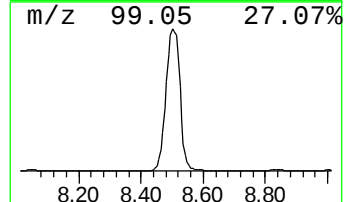
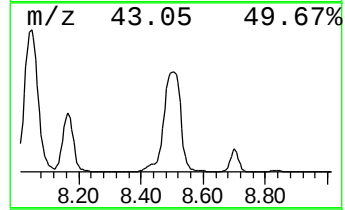
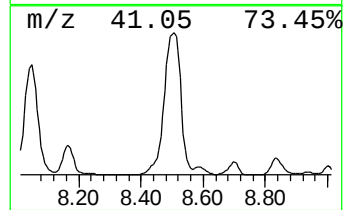
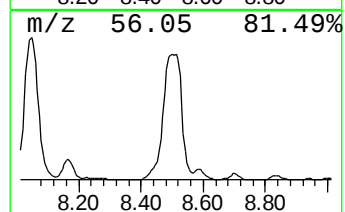
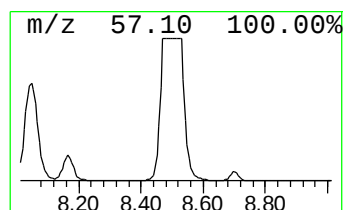
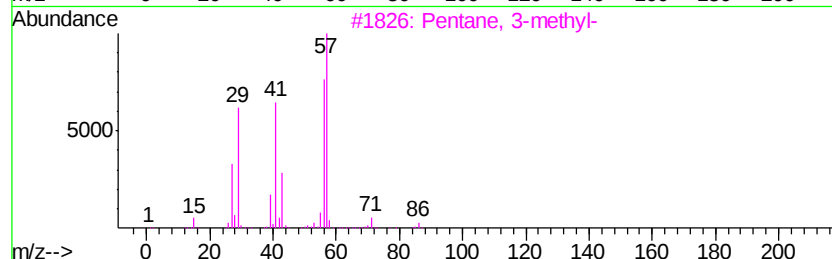
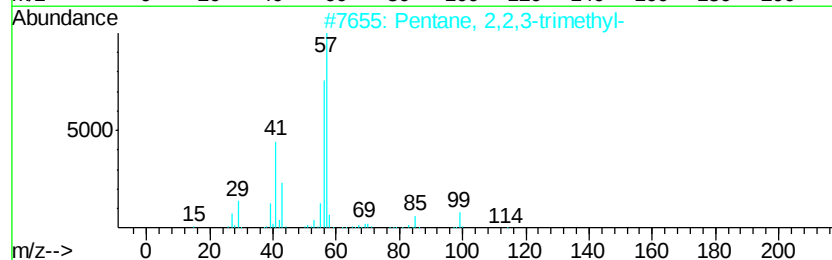
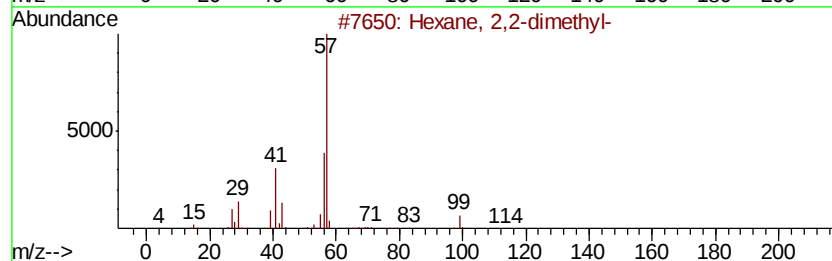
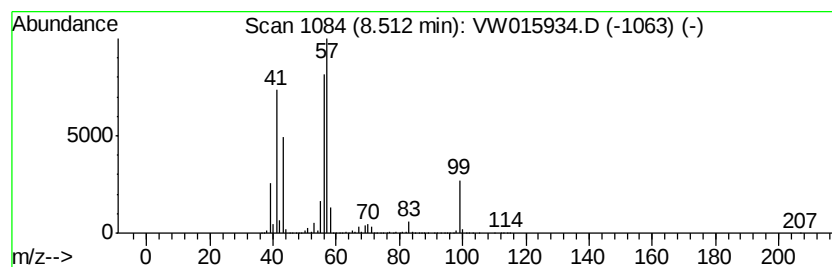
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	315.43 ug/L	176794000	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
2		Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	59
3		Pentane, 3-methyl-	86	C6H14	000096-14-0	53
4		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	53
5		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

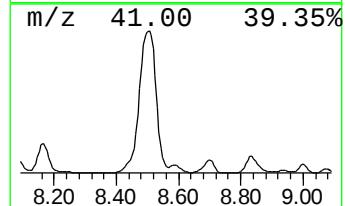
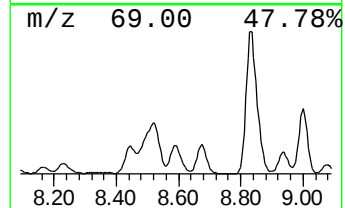
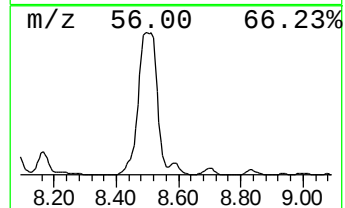
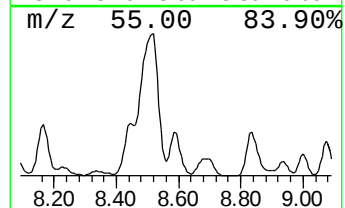
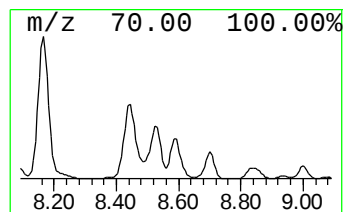
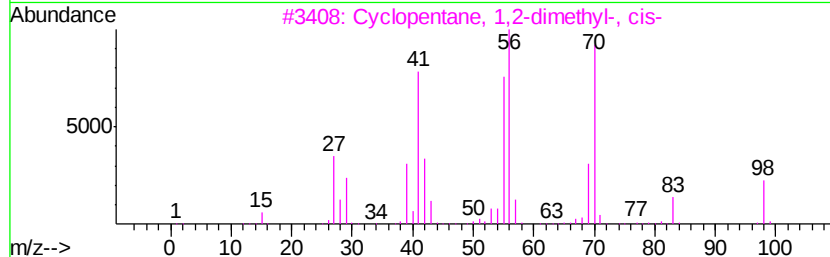
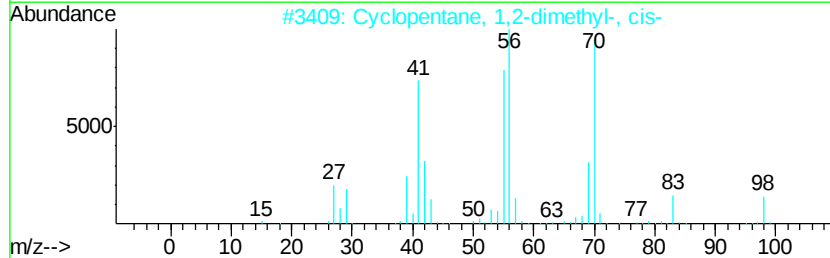
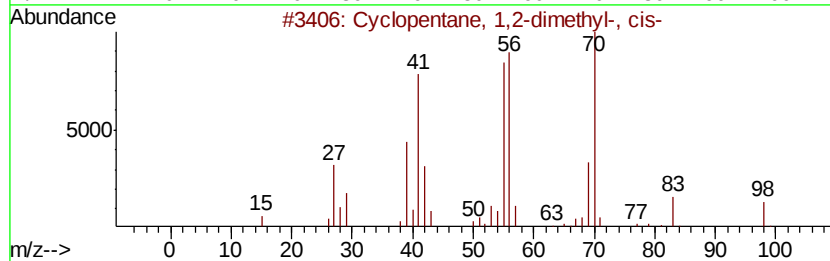
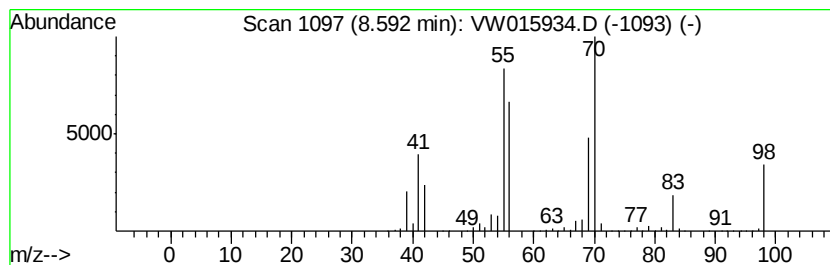
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Cyclic8.59 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	11.44 ug/L	6409230	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	78
2		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	74
3		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	72
4		Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	64
5		Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

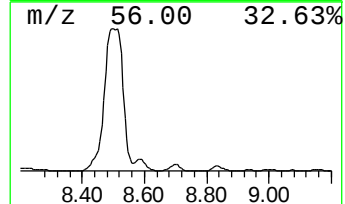
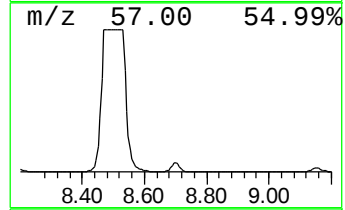
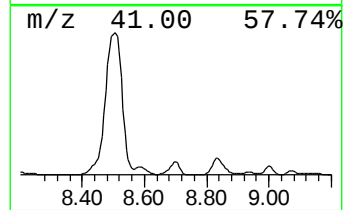
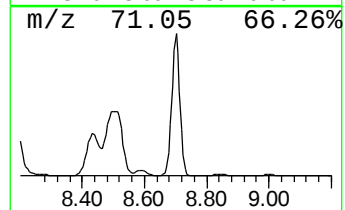
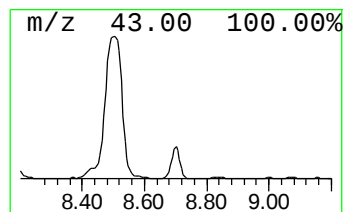
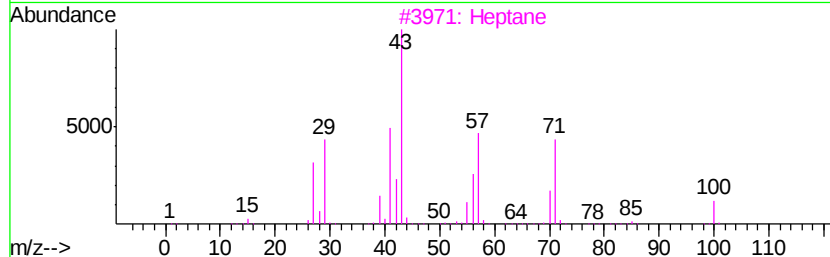
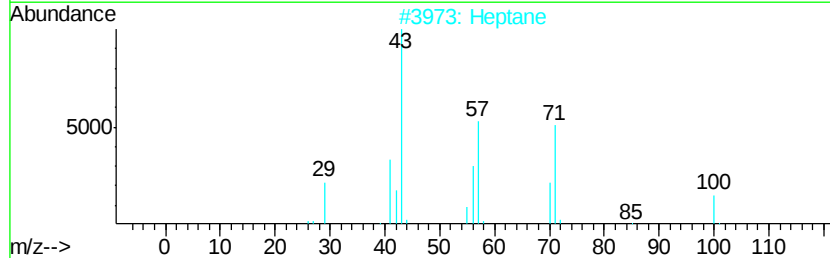
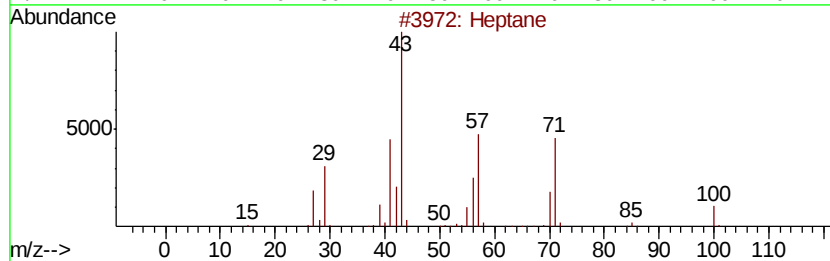
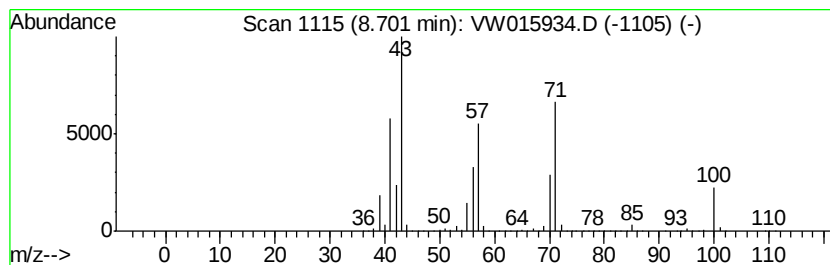
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	18.61 ug/L	10432600	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	72
5		Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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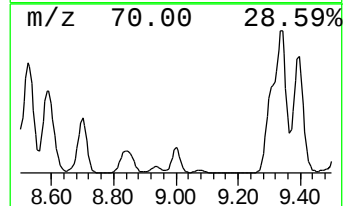
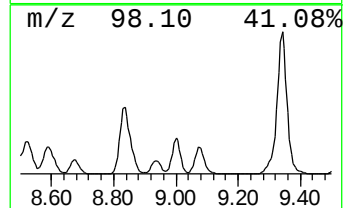
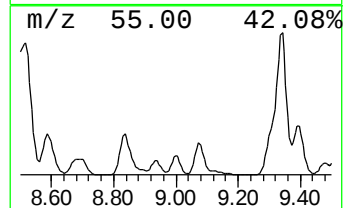
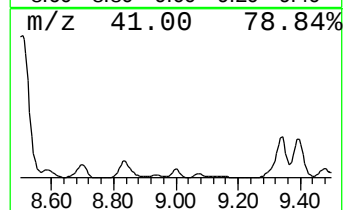
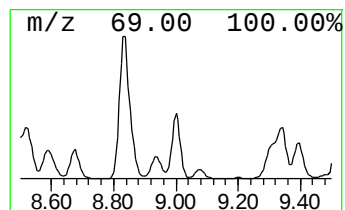
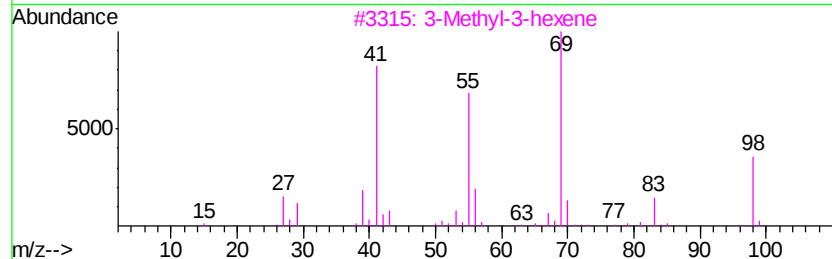
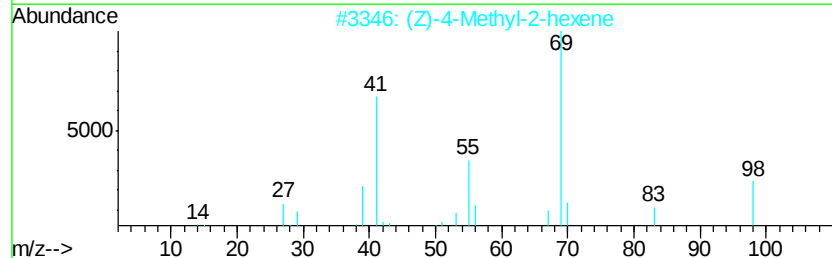
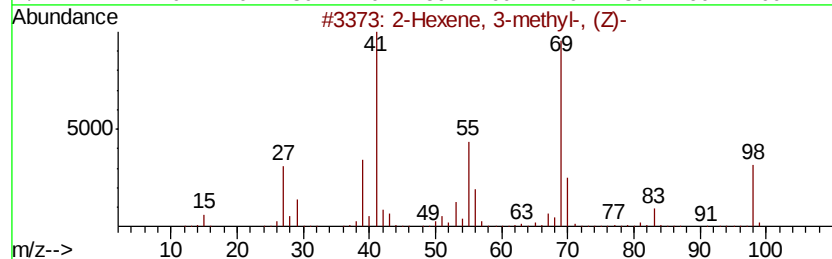
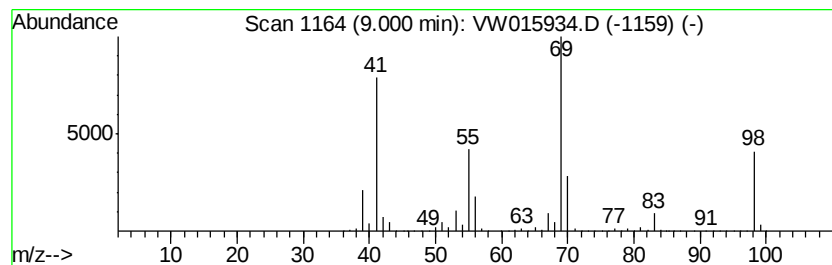
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Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	6.34 ug/L	3554030	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 3-methyl-, (Z)-			98	C7H14	010574-36-4	94
2	(Z)-4-Methyl-2-hexene			98	C7H14	003683-19-0	86
3	3-Methyl-3-hexene			98	C7H14	003404-65-7	80
4	3-Methyl-3-hexene			98	C7H14	003404-65-7	72
5	1-Penten-3-one, 2-methyl-			98	C6H10O	025044-01-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAY15

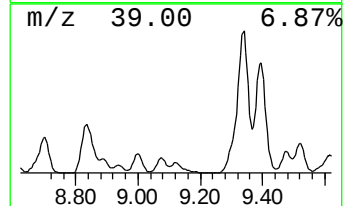
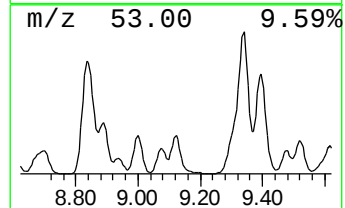
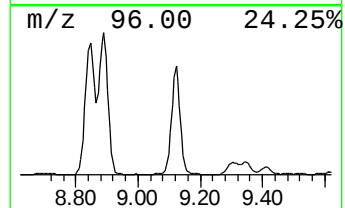
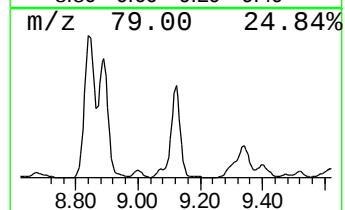
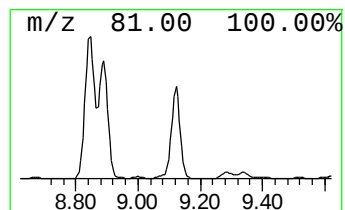
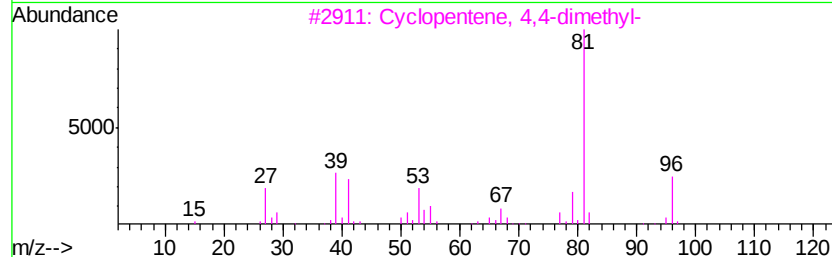
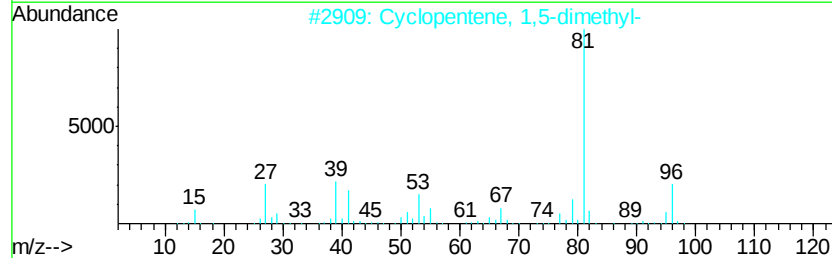
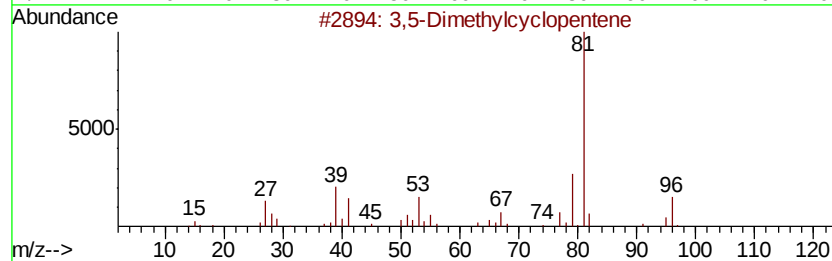
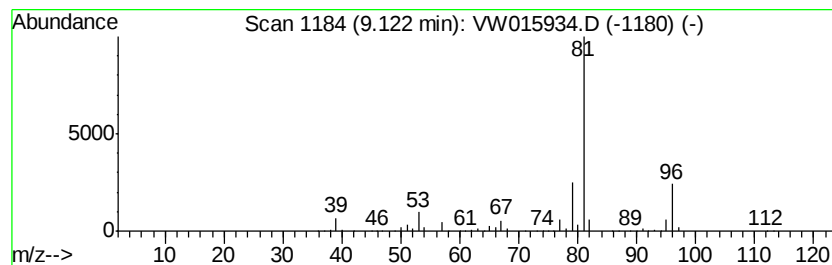
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Quant Title : VOC Analysis

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

Peak Number 15 3,5-Dimethylcyclopentene Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	5.92 ug/L	3317360	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	90
2		Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	78
3		Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	78
4		1,4-Pentadiene, 3,3-dimethyl-	96	C7H12	001112-35-2	64
5		2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

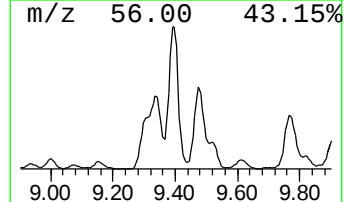
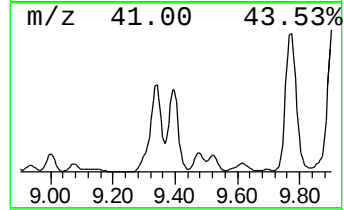
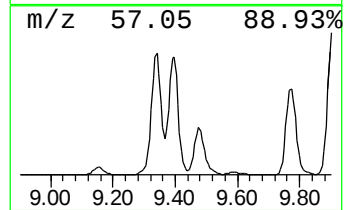
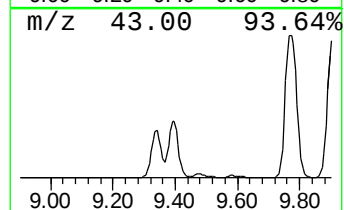
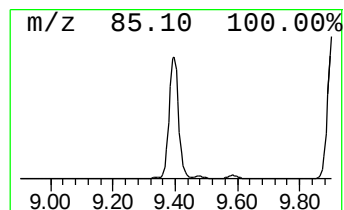
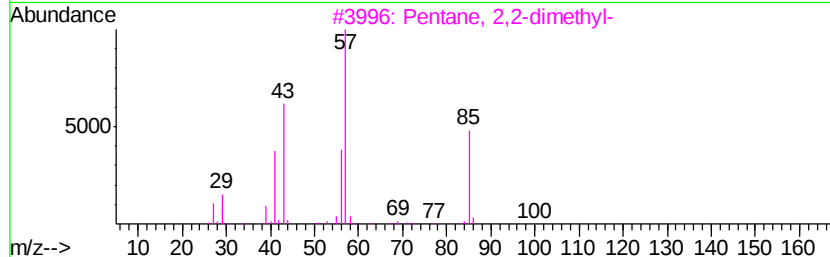
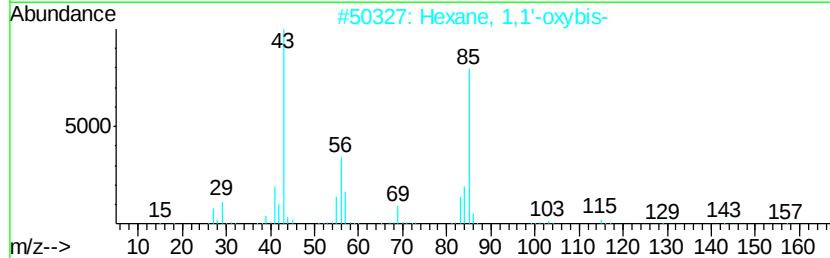
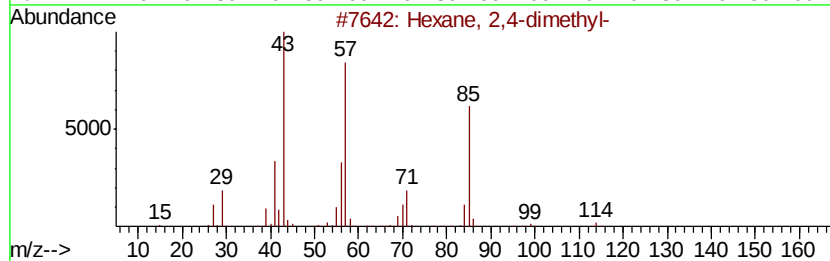
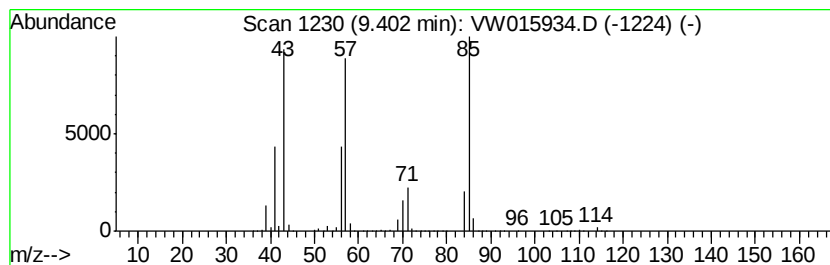
Instrument :
MSVOA_W
ClientSampleId :
GAY15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	64.31 ug/L	36046000	1,4-Difluorobenzene	8.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexane, 2,4-dimethyl-	114 C8H18	000589-43-5	64
2	Hexane, 1,1'-oxybis-	186 C12H26O	000112-58-3	64
3	Pentane, 2,2-dimethyl-	100 C7H16	000590-35-2	59
4	Hexane, 2,4-dimethyl-	114 C8H18	000589-43-5	58
5	Heptane, 2,4,6-trimethyl-	142 C10H22	002613-61-8	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

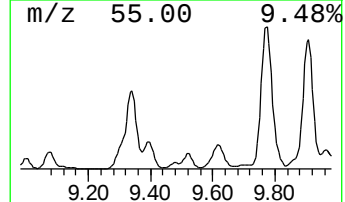
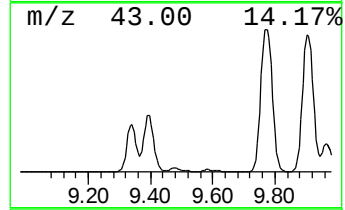
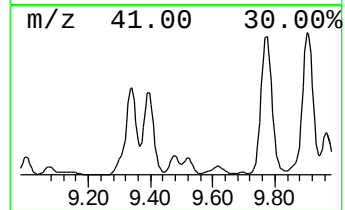
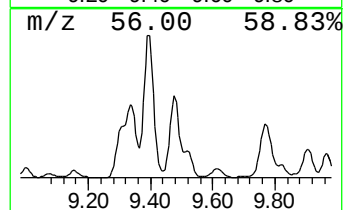
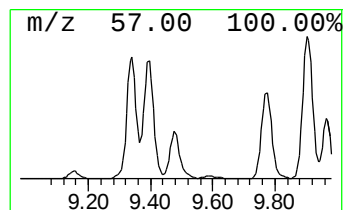
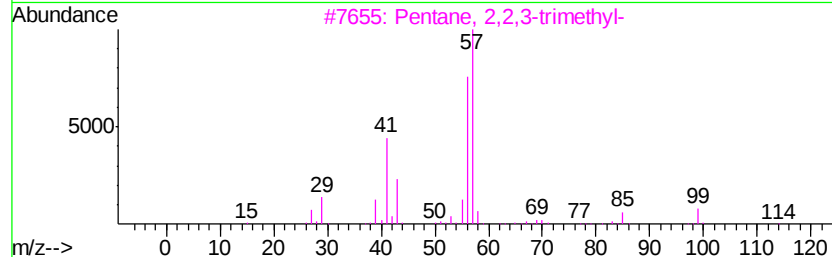
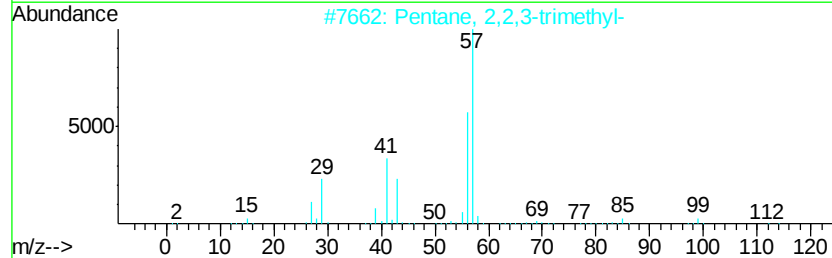
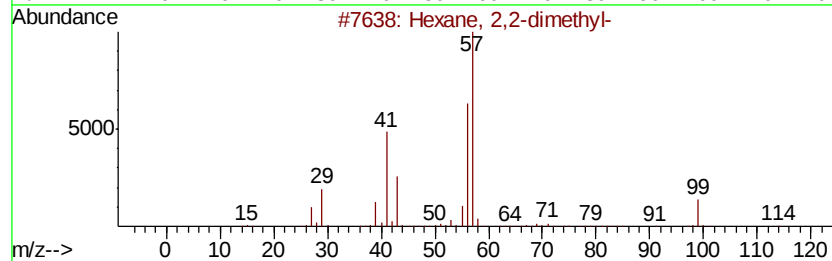
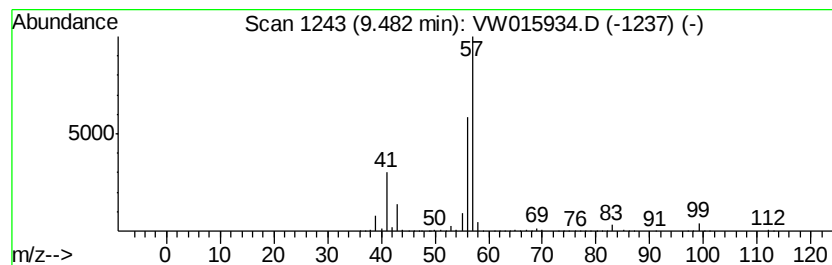
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Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	10.25 ug/L	5746560	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
2		Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	64
3		Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	59
4		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	56
5		Methane, isocyanato-	57	C2H3NO	000624-83-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

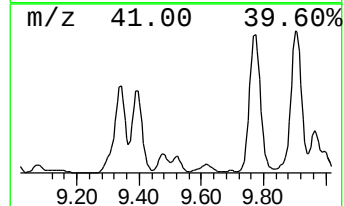
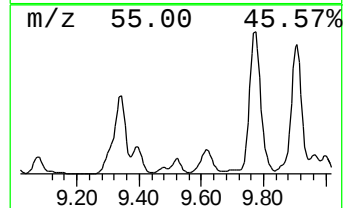
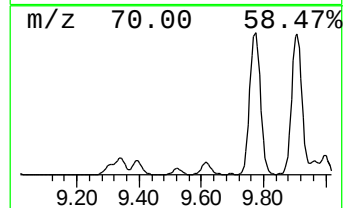
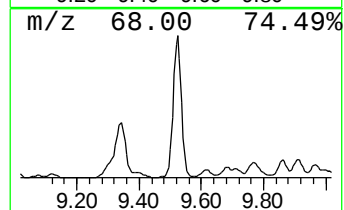
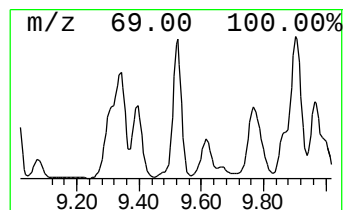
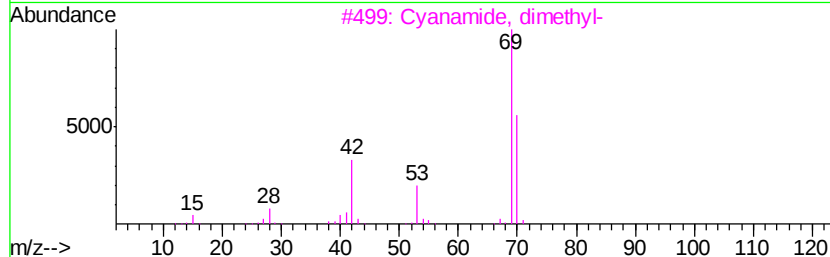
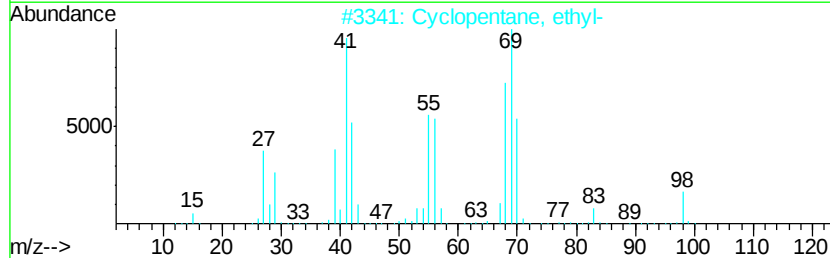
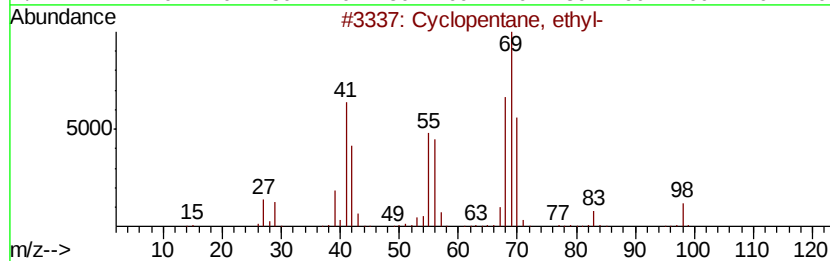
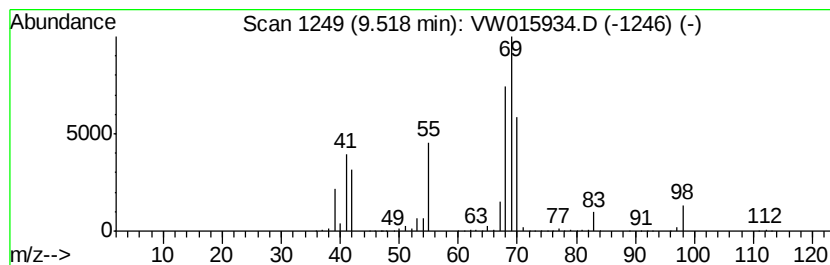
Instrument :
MSVOA_W
ClientSampleId :
GAY15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Cyclic9.52 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.52	9.14 ug/L	5123660	1,4-Difluorobenzene	8.85	
Hit# of	5	Tentative ID	MW MolForm	CAS#	Qual
1		Cvclopentane, ethyl-	98 C7H14	001640-89-7	86
2		Cvclopentane, ethyl-	98 C7H14	001640-89-7	86
3		Cvanamide, dimethyl-	70 C3H6N2	001467-79-4	43
4		Cvclopentane, propyl-	112 C8H16	002040-96-2	39
5		Cyanamide, dimethyl-	70 C3H6N2	001467-79-4	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

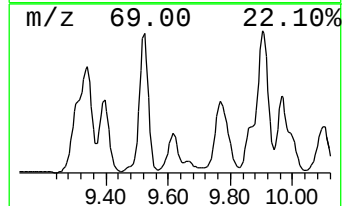
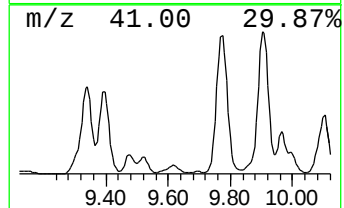
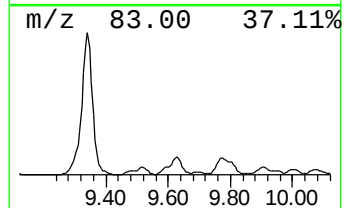
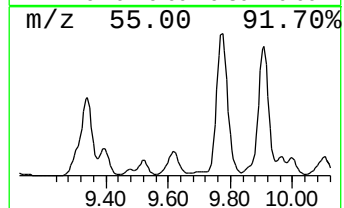
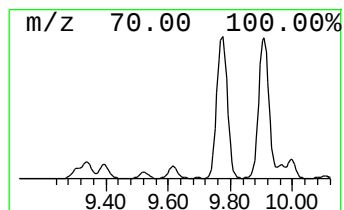
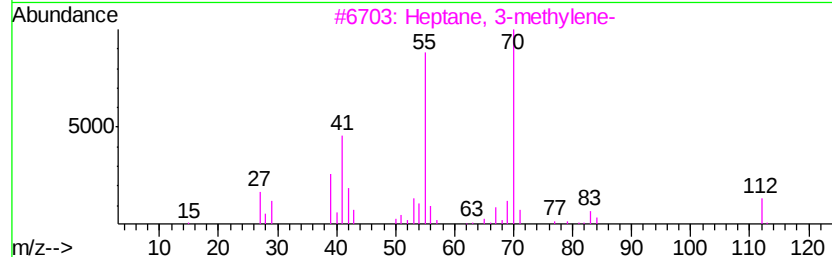
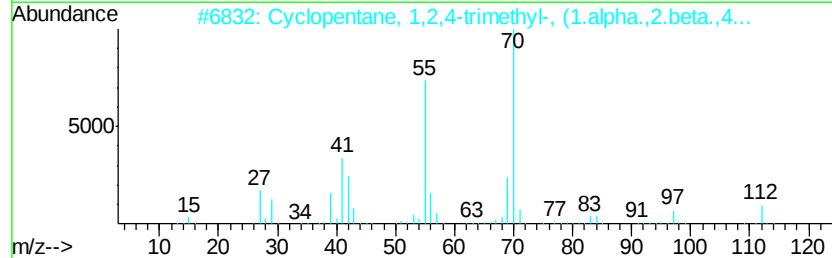
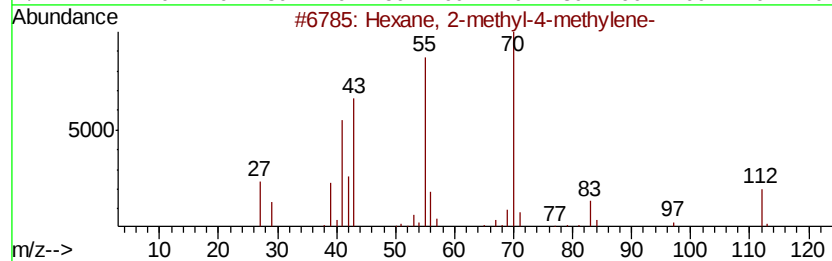
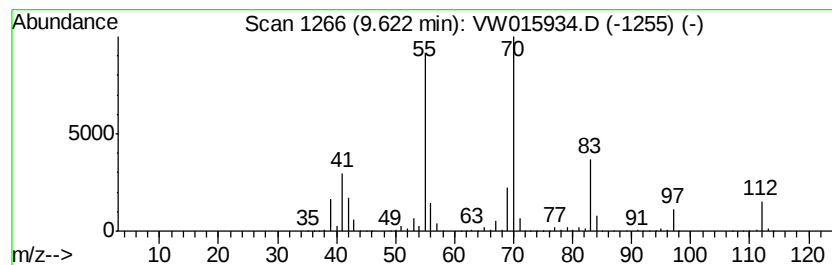
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Quant Title : VOC Analysis

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	9.93 ug/L	5566000	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	90
2		Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	87
3		Heptane, 3-methylene-	112	C8H16	001632-16-2	80
4		Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	80
5		Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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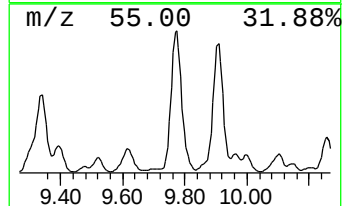
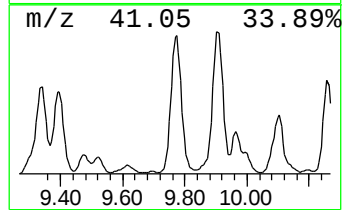
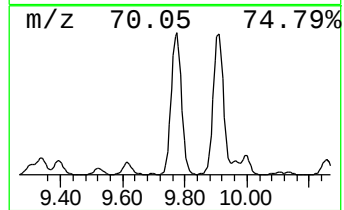
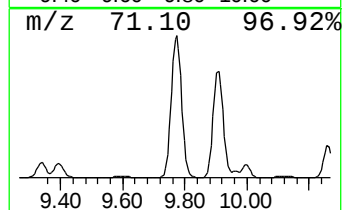
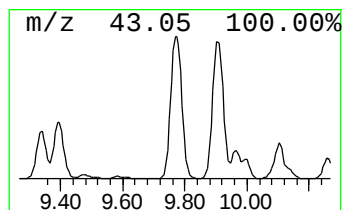
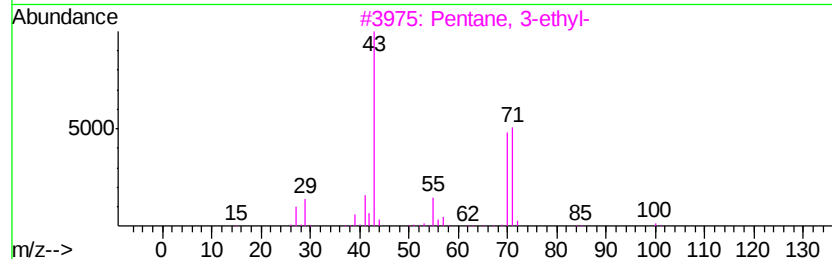
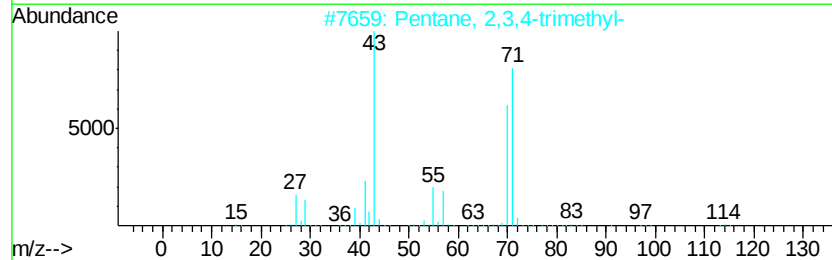
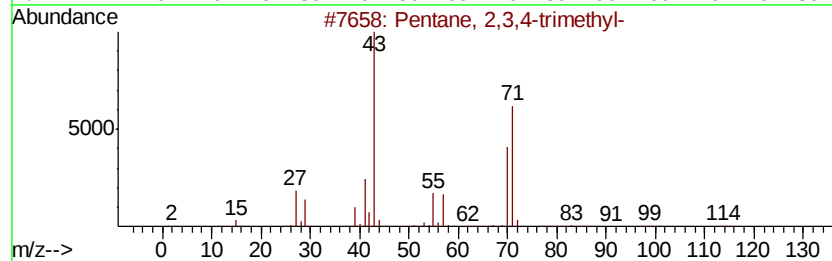
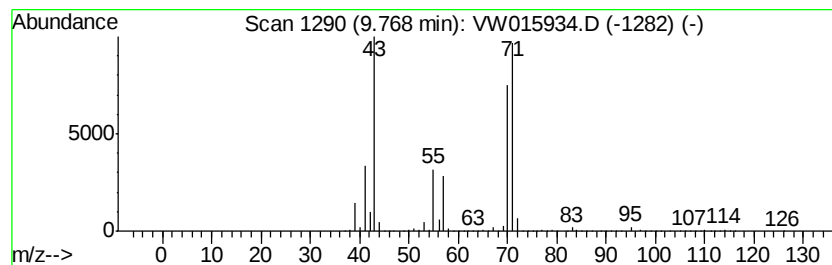
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Quant Title : VOC Analysis

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	159.12 ug/L	89180600	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
2		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	87
3		Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
4		Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
5		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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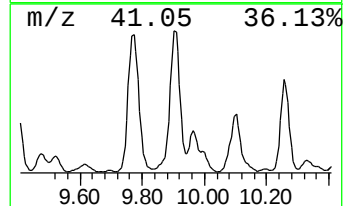
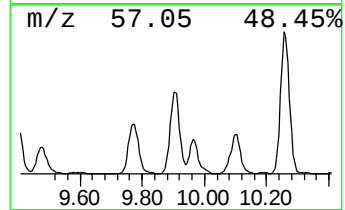
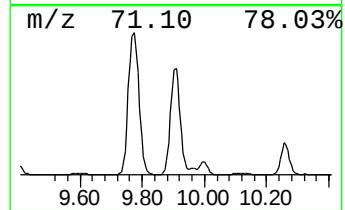
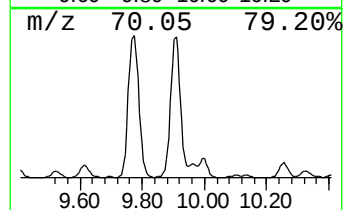
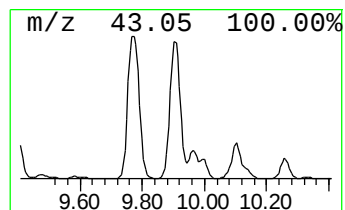
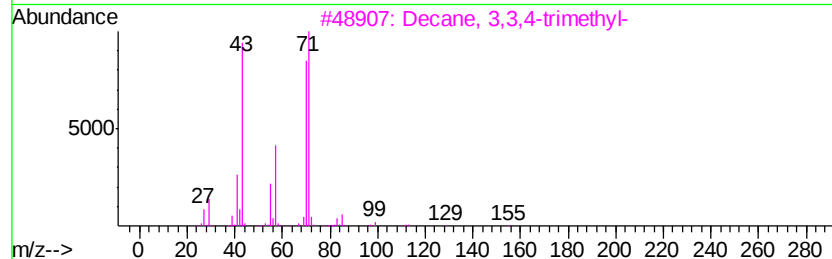
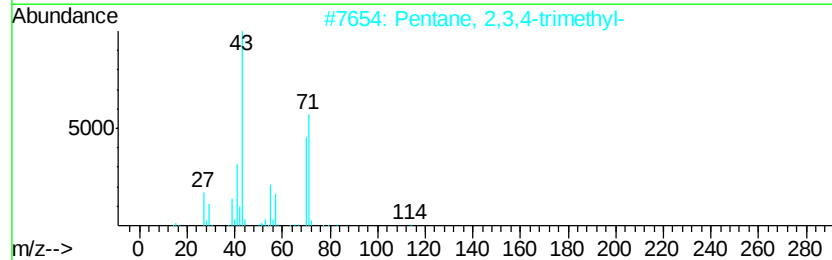
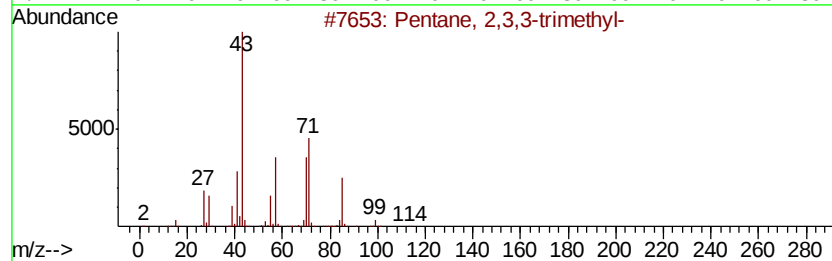
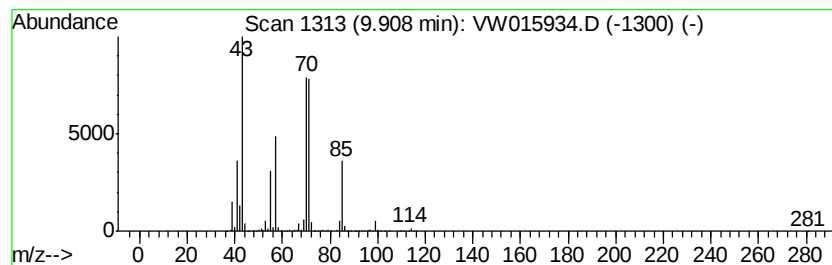
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Quant Title : VOC Analysis

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	169.52 ug/L	95013600	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
3		Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	72
4		3,4-Diethyl hexane	142	C10H22	019398-77-7	72
5		Heptane, 3-ethyl-4-methyl-	142	C10H22	052896-91-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

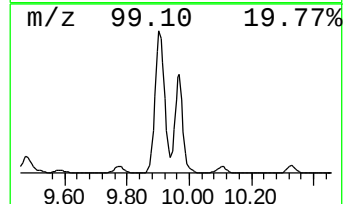
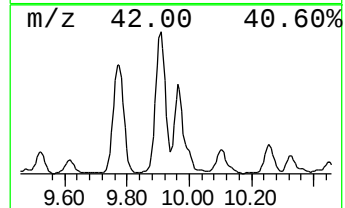
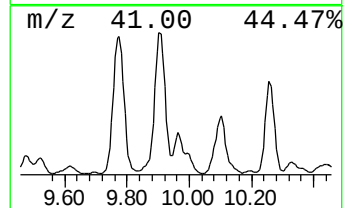
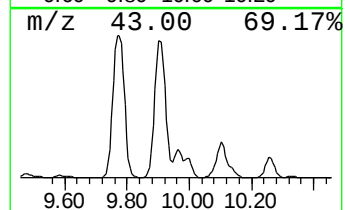
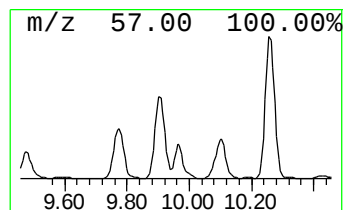
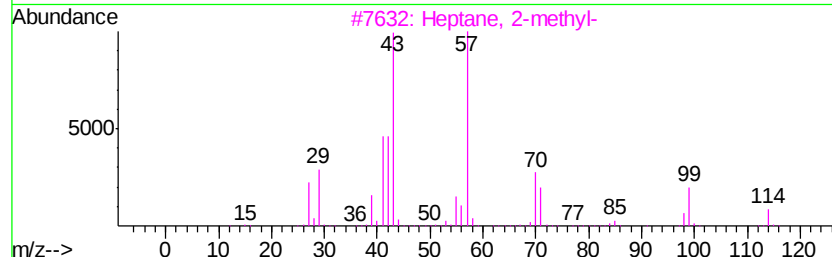
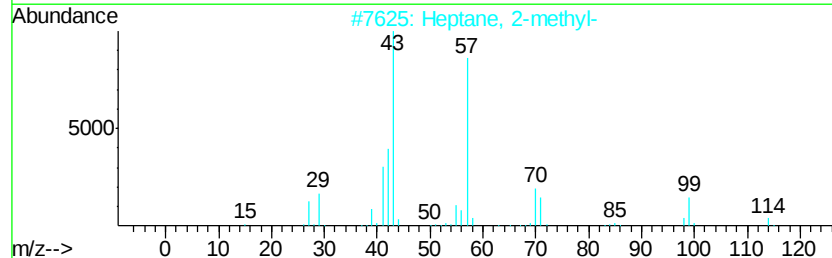
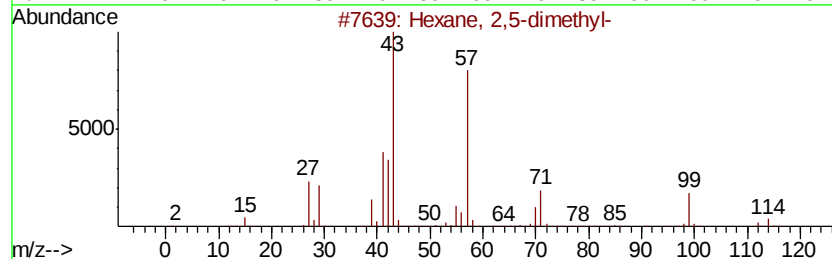
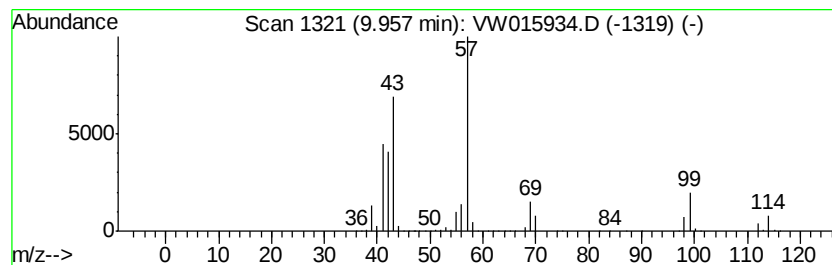
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Quant Title : VOC Analysis

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	9.04 ug/L	5069350	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	80
2			Heptane, 2-methyl-	114	C8H18	000592-27-8	80
3			Heptane, 2-methyl-	114	C8H18	000592-27-8	74
4			1H-1,2,3,4-Tetrazol-5-amine, 1-m...	99	C2H5N5	1000338-04-0	64
5			Heptane, 2-methyl-	114	C8H18	000592-27-8	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAY15

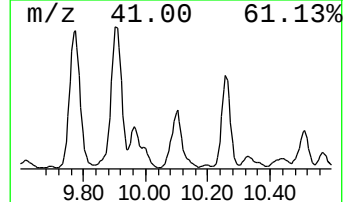
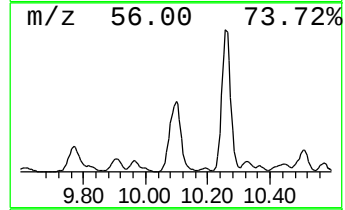
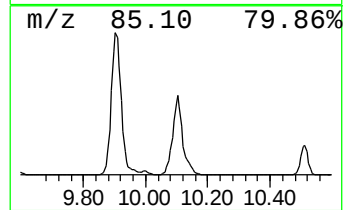
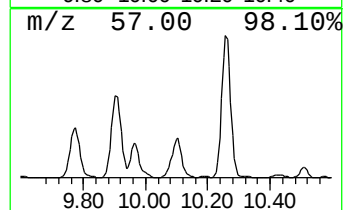
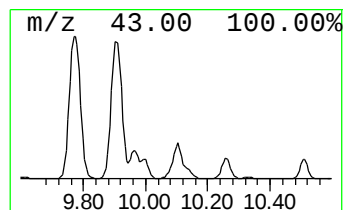
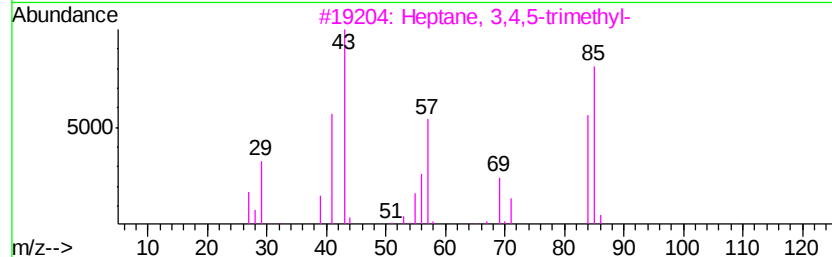
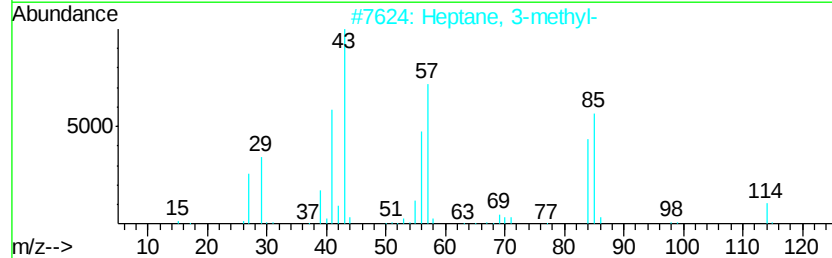
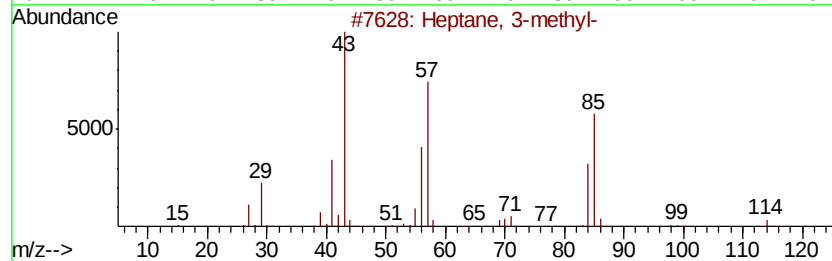
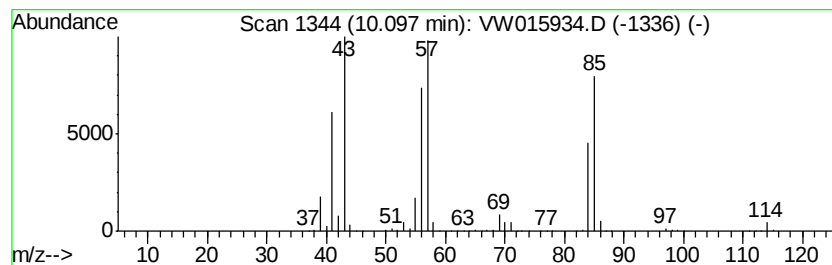
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Quant Title : VOC Analysis

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	47.52 ug/L	26632800	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-methyl-	114	C8H18	000589-81-1	87
2			Heptane, 3-methyl-	114	C8H18	000589-81-1	83
3			Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	72
4			Hexane, 2-methyl-	100	C7H16	000591-76-4	72
5			Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAY15

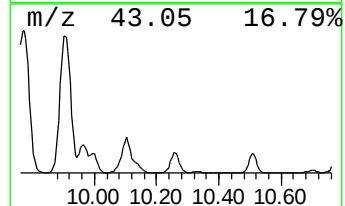
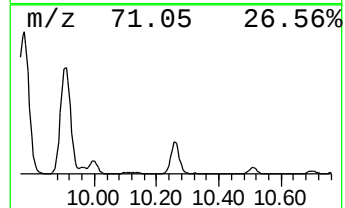
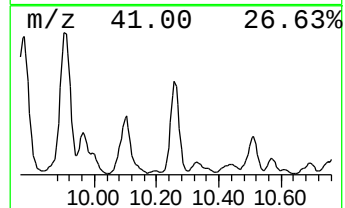
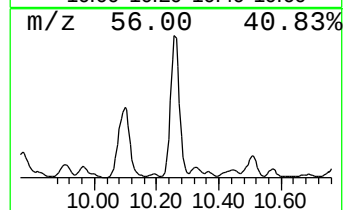
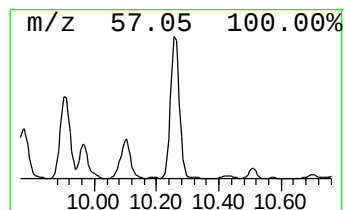
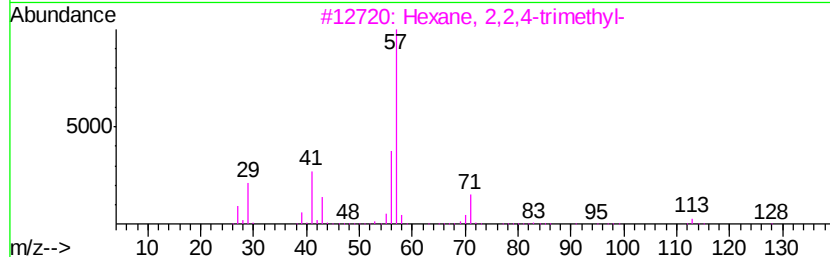
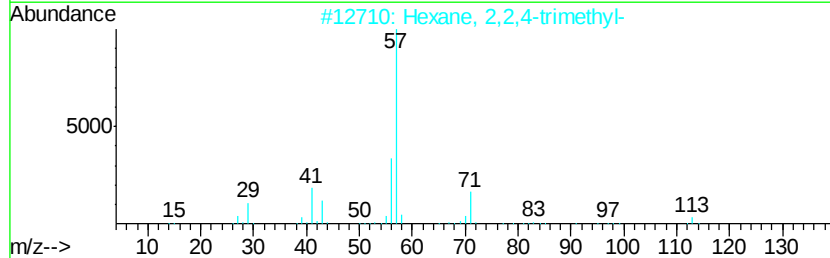
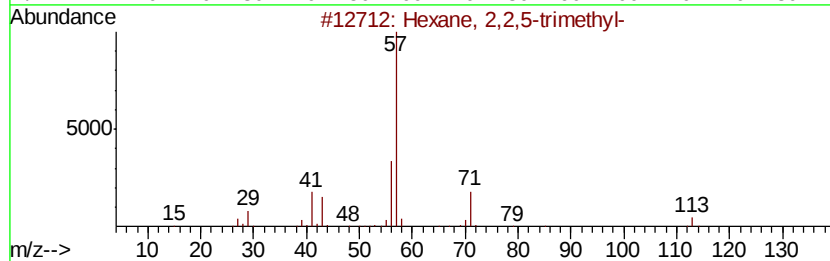
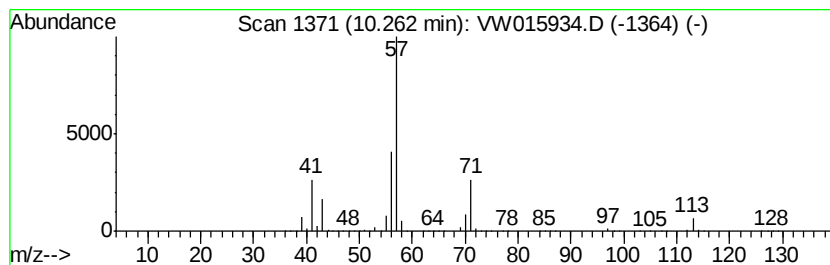
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Quant Title : VOC Analysis

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	69.15 ug/L	35714600	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	78
2		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	72
3		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	72
4		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	72
5		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

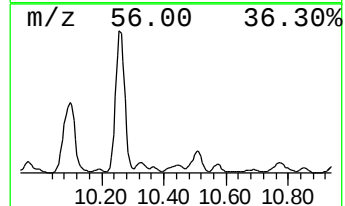
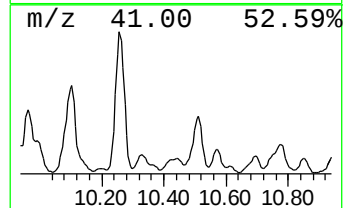
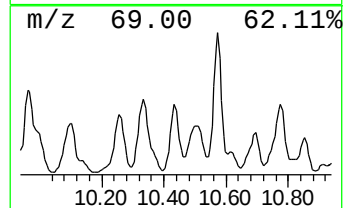
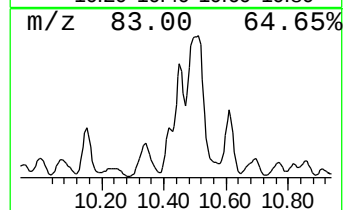
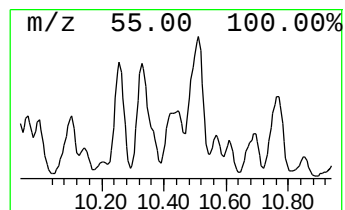
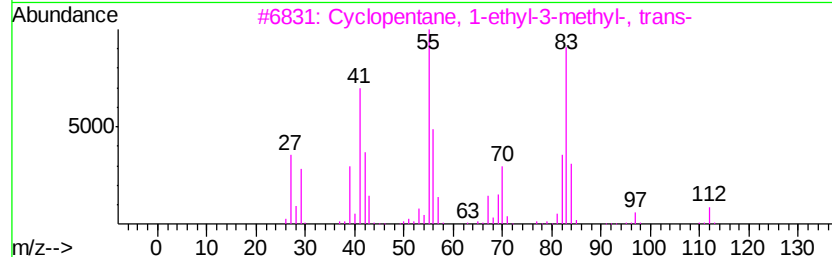
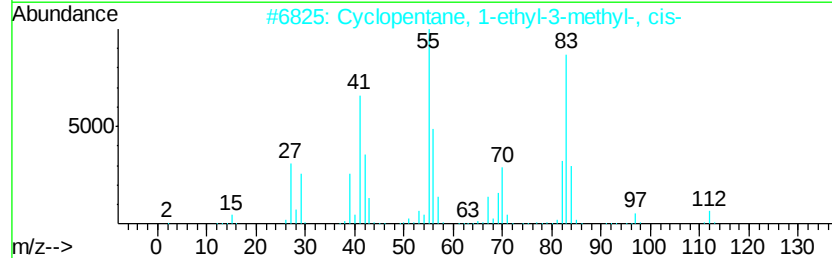
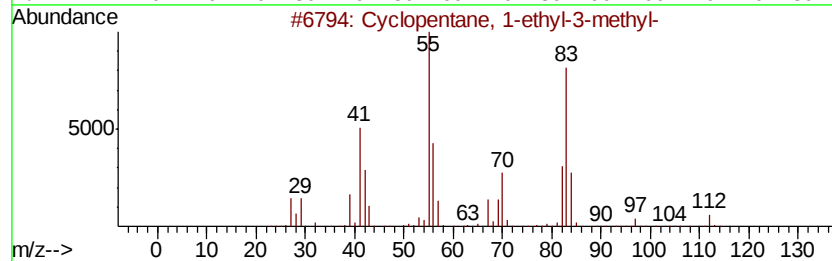
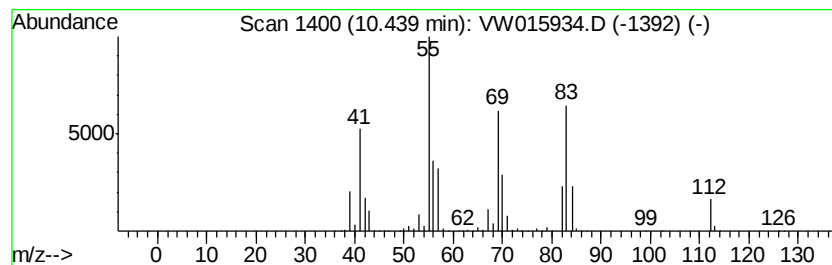
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Quant Title : VOC Analysis

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

Peak Number 25 (DEL) Alkane: Cyclic10.44 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	9.96 ug/L	5145760	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	90
2			Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	64
3			Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	64
4			Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	58
5			Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

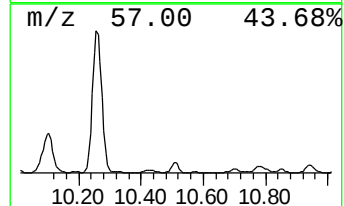
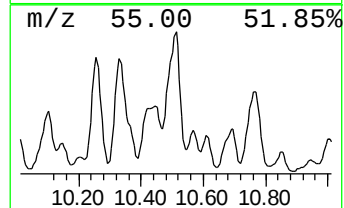
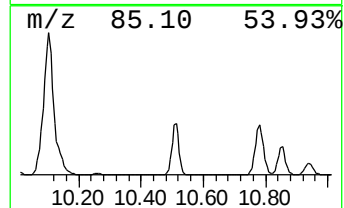
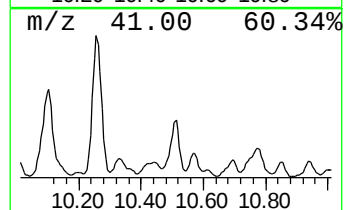
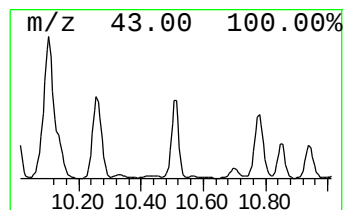
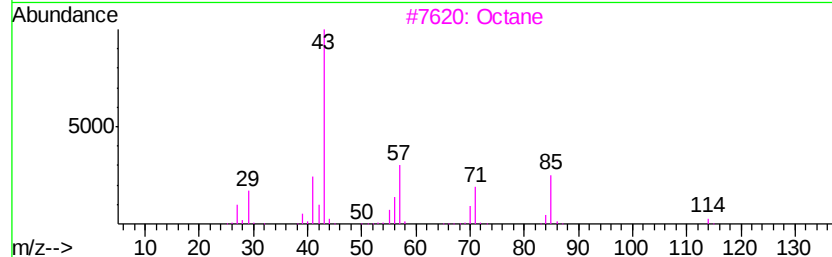
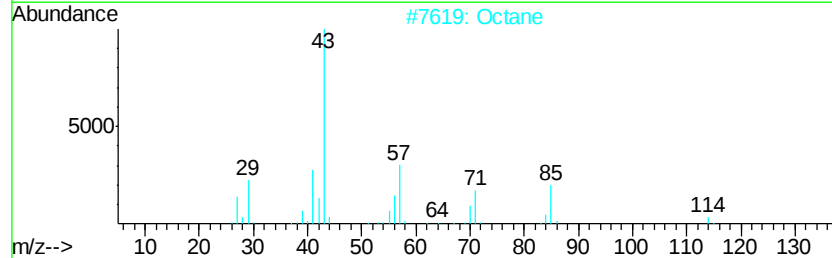
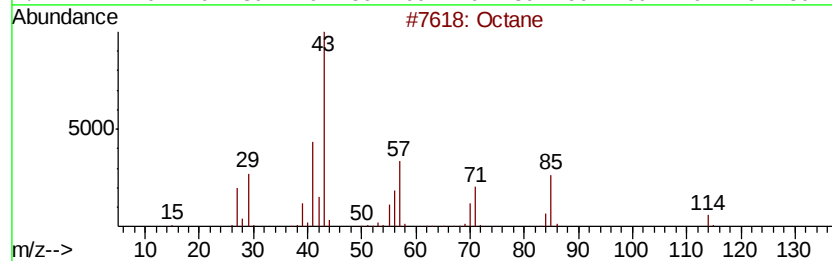
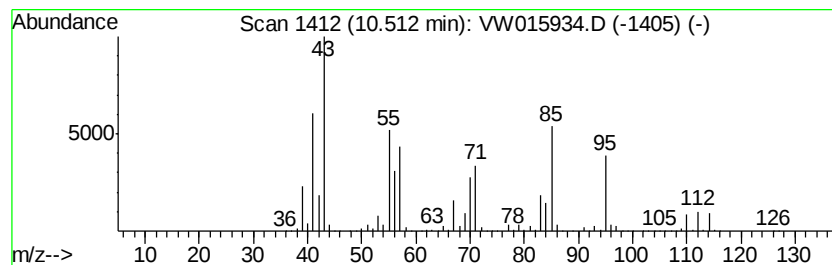
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Quant Title : VOC Analysis

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	28.84 ug/L	14895700	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane	114	C8H18	000111-65-9	64
2		Octane	114	C8H18	000111-65-9	52
3		Octane	114	C8H18	000111-65-9	49
4		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	43
5		Oxirane, (2-methylbutyl)-	114	C7H14O	053229-42-8	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

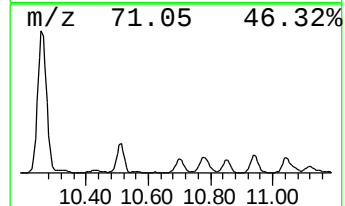
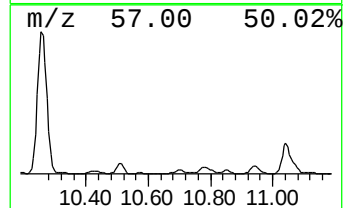
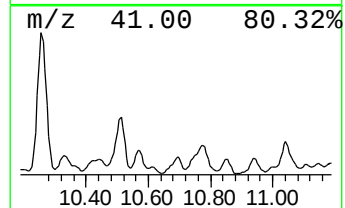
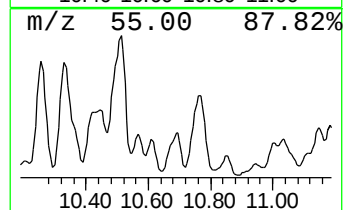
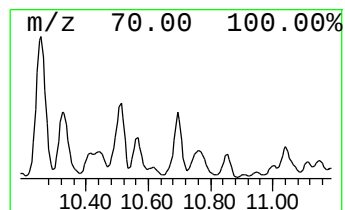
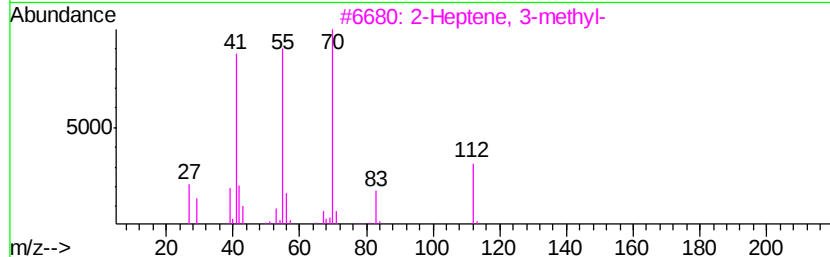
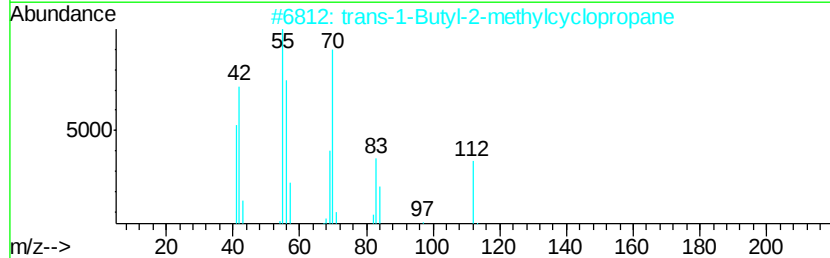
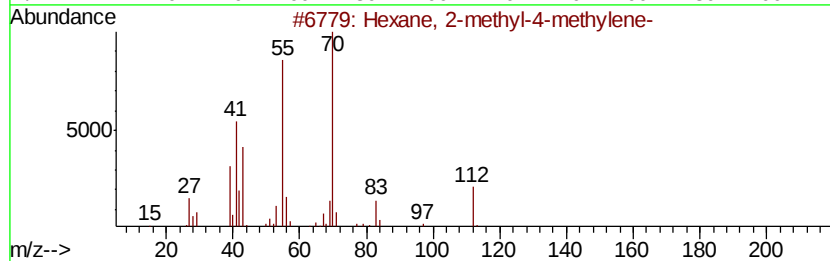
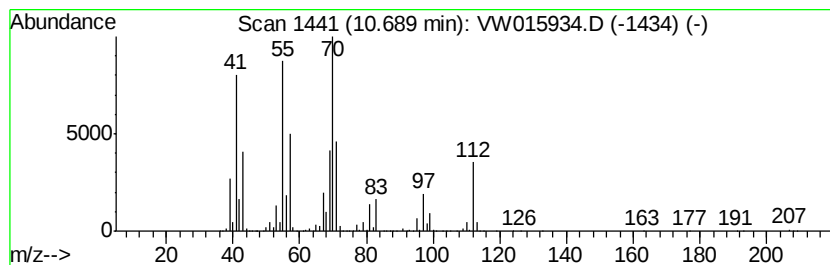
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Quant Title : VOC Analysis

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	10.58 ug/L	5463970	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	58
2		trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	58
3		2-Heptene, 3-methyl-	112	C8H16	003404-75-9	58
4		Heptane, 3-methylene-	112	C8H16	001632-16-2	53
5		cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

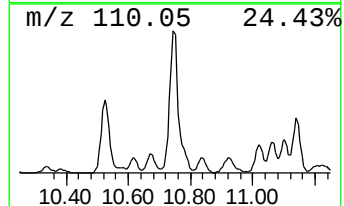
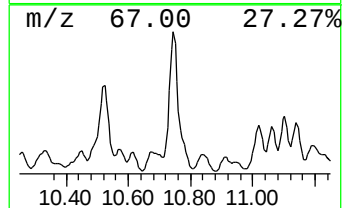
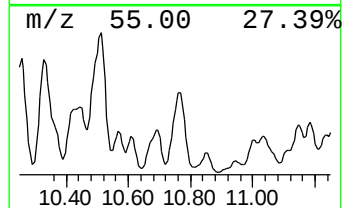
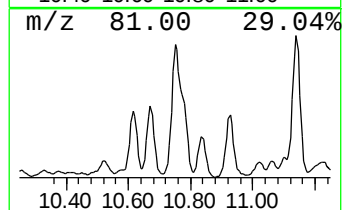
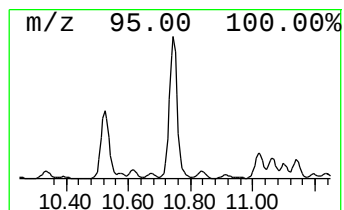
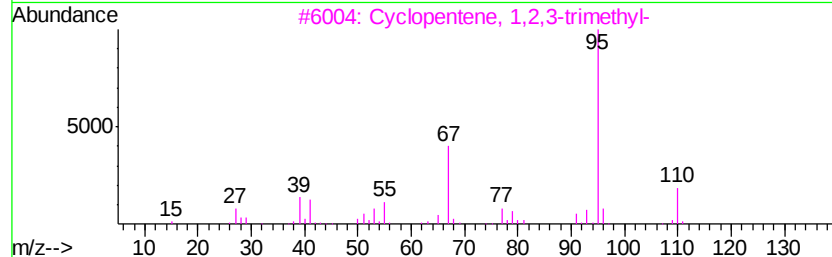
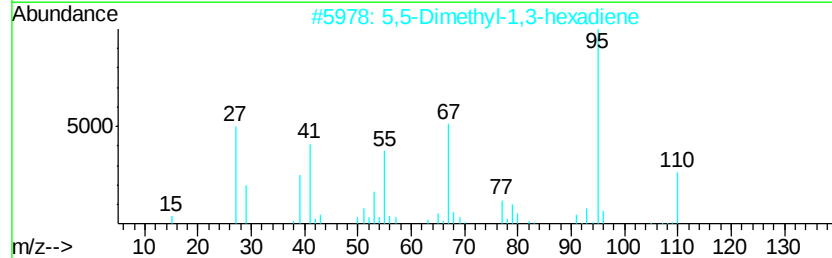
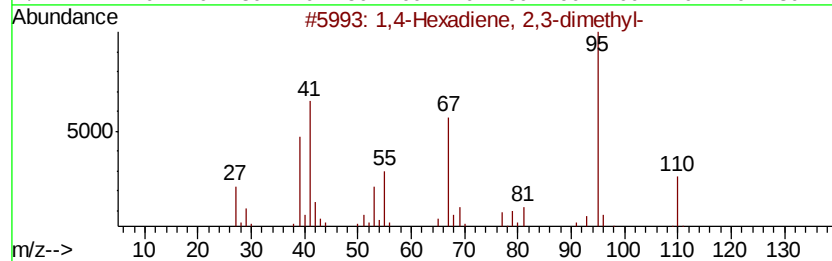
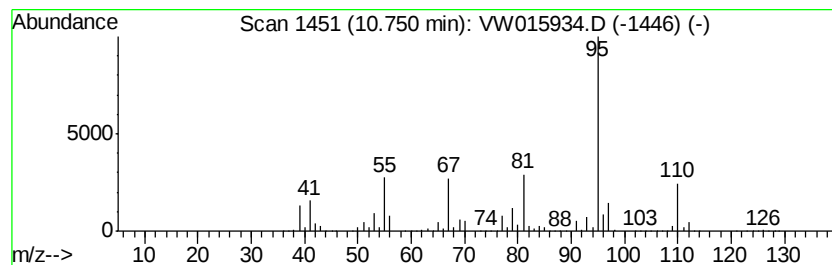
Instrument :
MSVOA_W
ClientSampled :
GAY15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

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

Peak Number 28 1,4-Hexadiene, 2,3-dimethyl- Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	12.88 ug/L	6653340	Chlorobenzene-d5	11.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,4-Hexadiene, 2,3-dimethyl-	110 C8H14	018669-52-8	90
2	5,5-Dimethyl-1,3-hexadiene	110 C8H14	001515-79-3	83
3	Cyclopentene, 1,2,3-trimethyl-	110 C8H14	000473-91-6	83
4	5,5-Dimethyl-1,3-hexadiene	110 C8H14	001515-79-3	83
5	1,3-Dimethyl-1-cyclohexene	110 C8H14	002808-76-6	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

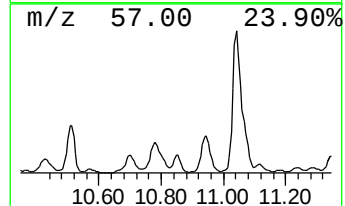
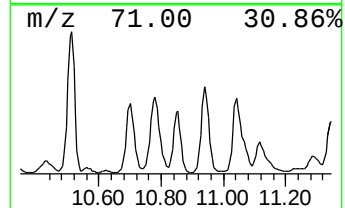
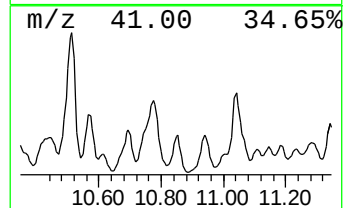
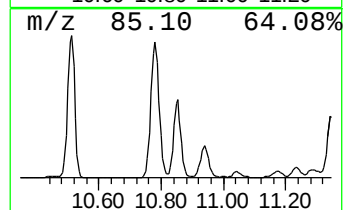
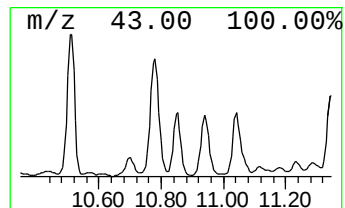
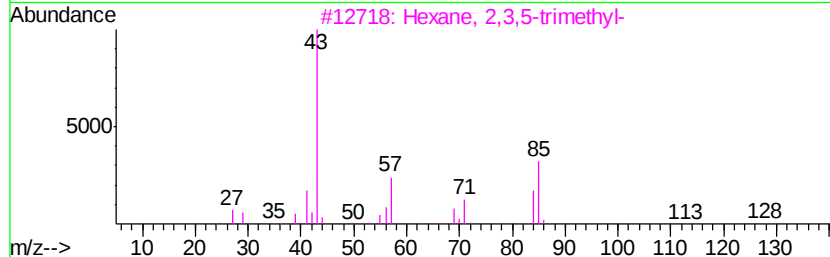
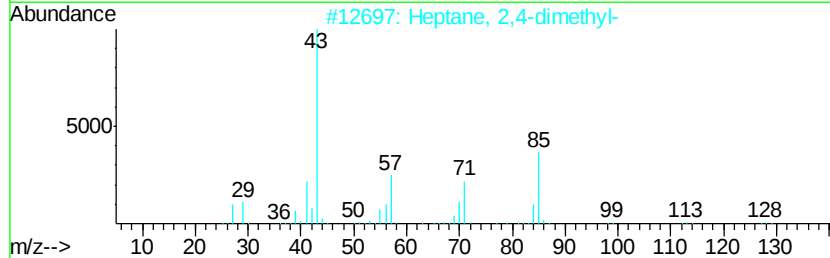
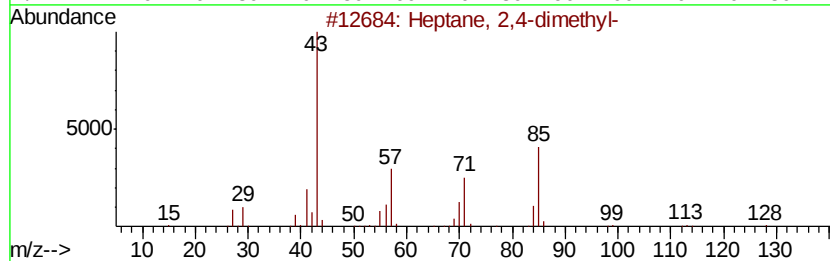
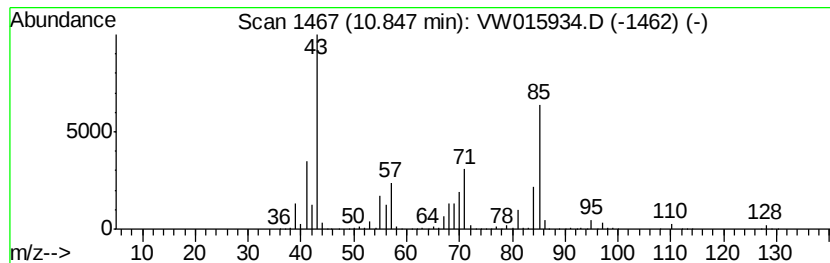
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Quant Title : VOC Analysis

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	9.57 ug/L	4942450	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	68
2			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	68
3			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	53
4			Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	50
5			Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

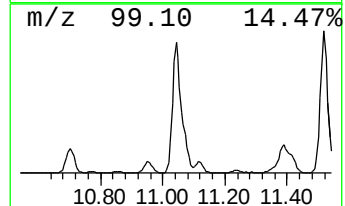
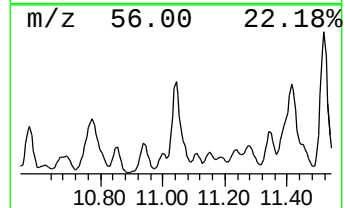
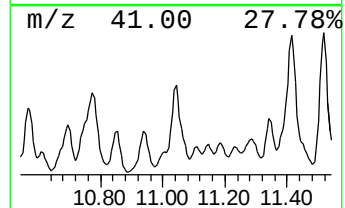
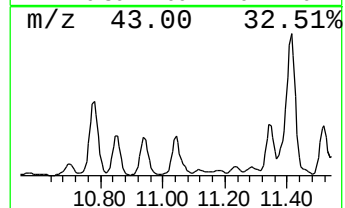
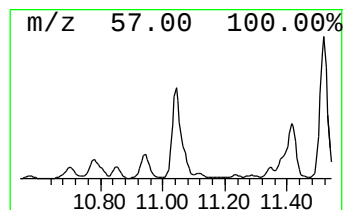
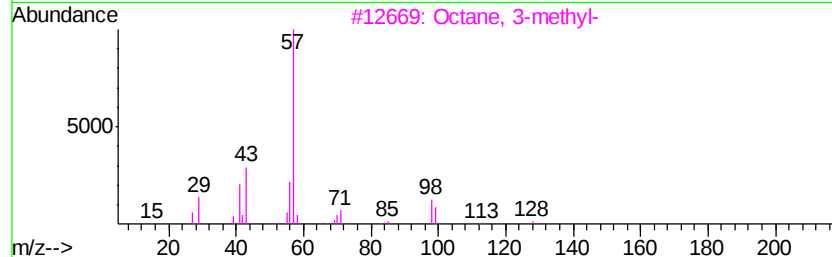
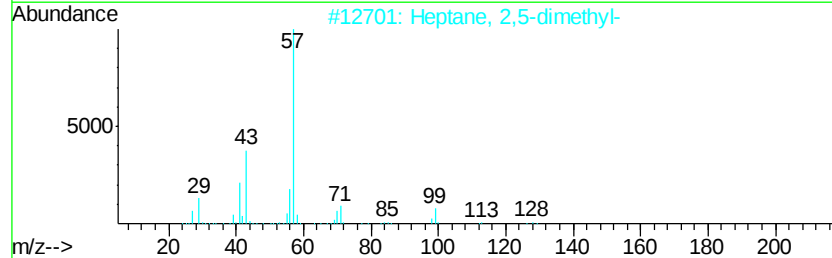
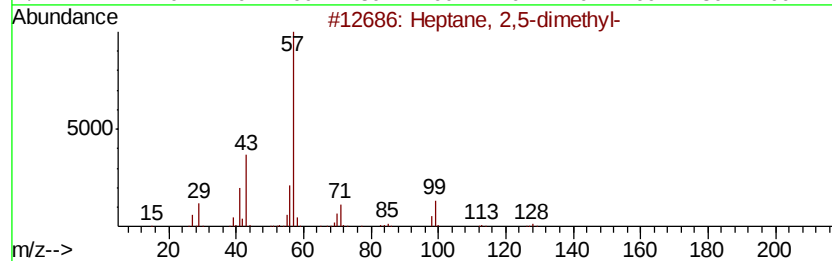
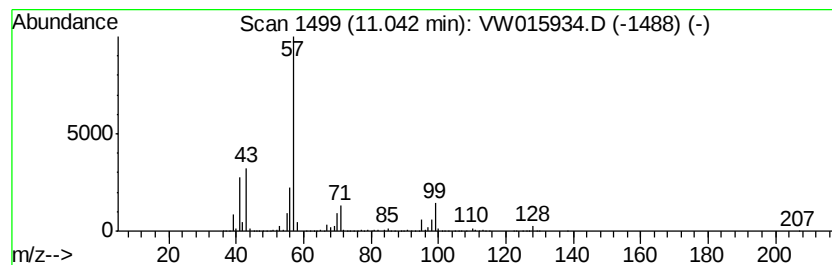
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Quant Title : VOC Analysis

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	25.95 ug/L	13404500	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
2		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	83
3		Octane, 3-methyl-	128	C9H20	002216-33-3	81
4		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	76
5		Octane, 3-methyl-	128	C9H20	002216-33-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

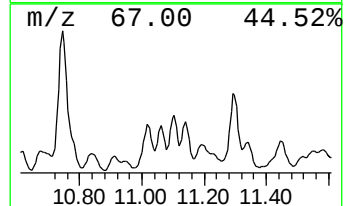
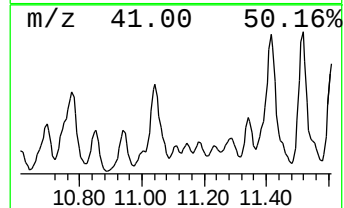
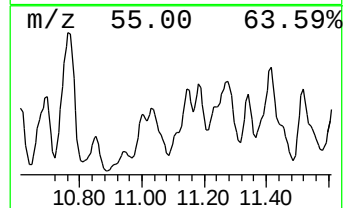
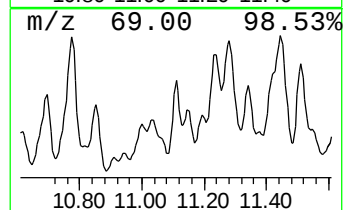
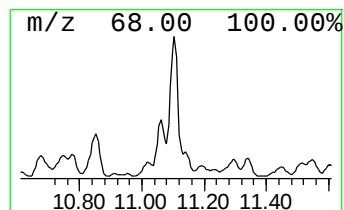
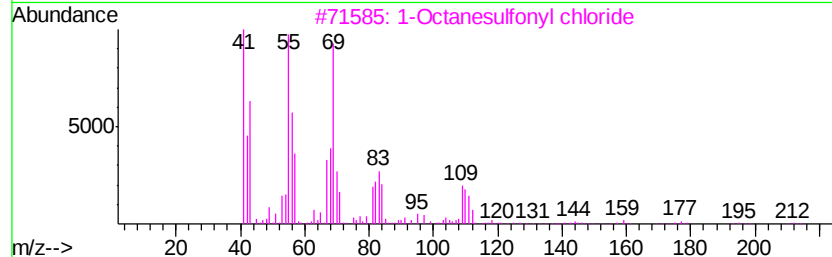
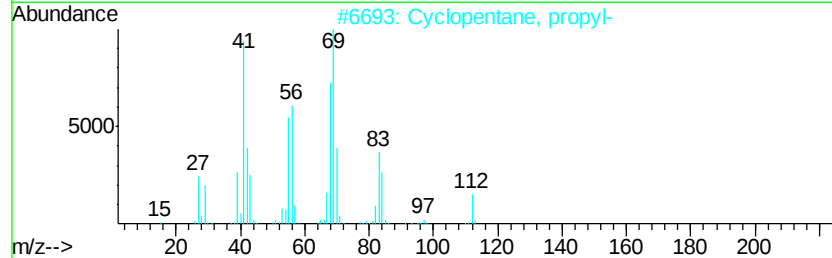
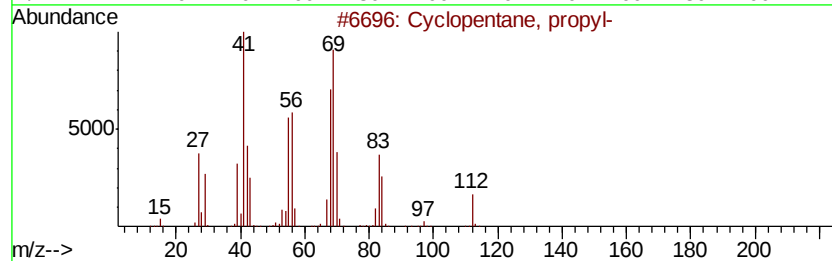
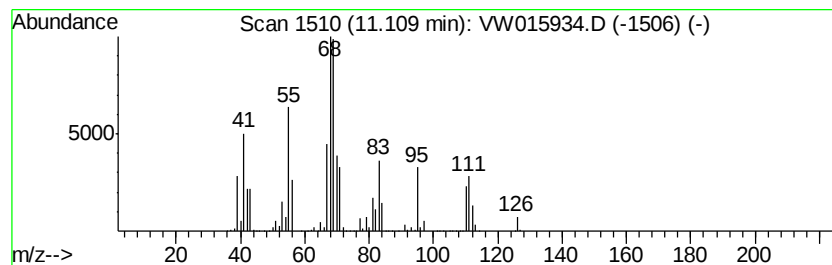
Instrument :
MSVOA_W
ClientSampleId :
GAY15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

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

Peak Number 31 (DEL) Alkane: Cyclic11.11 Concentration Rank 79

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.11	5.65 ug/L	2919790	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclopentane, propyl-	112	C8H16	002040-96-2	62
2	Cyclopentane, propyl-	112	C8H16	002040-96-2	58
3	1-Octanesulfonyl chloride	212	C8H17ClO2S	007795-95-1	53
4	3-Heptene, 4-methyl-	112	C8H16	004485-16-9	38
5	3-Heptene, 4-methyl-	112	C8H16	004485-16-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

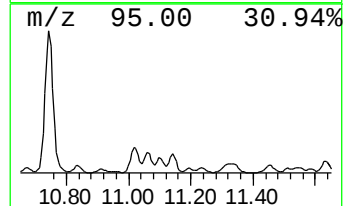
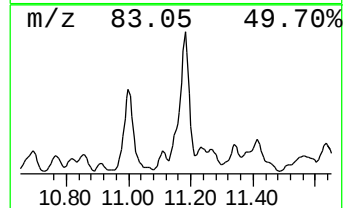
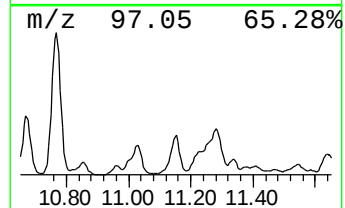
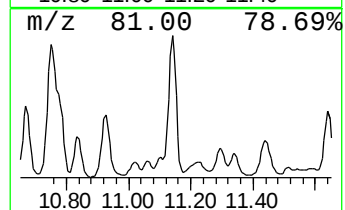
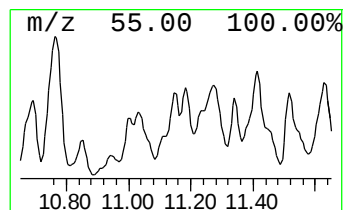
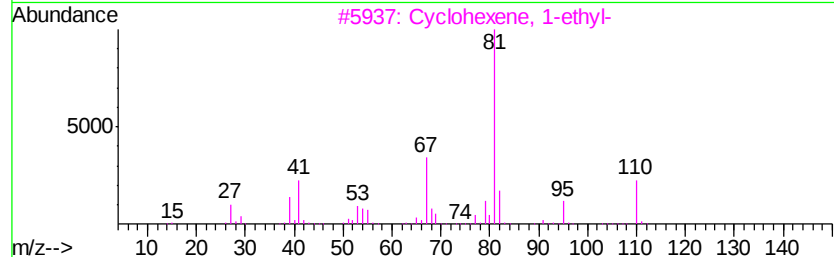
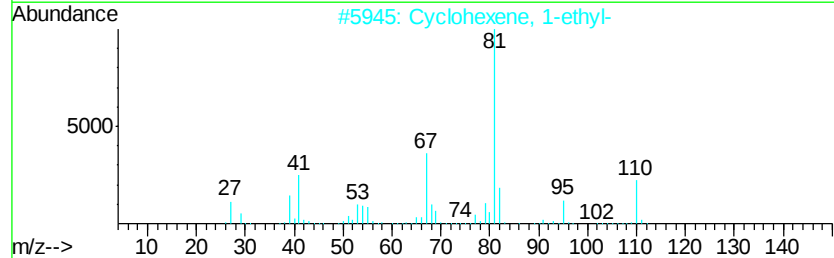
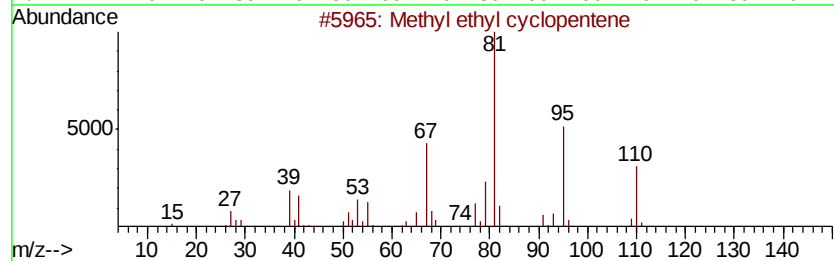
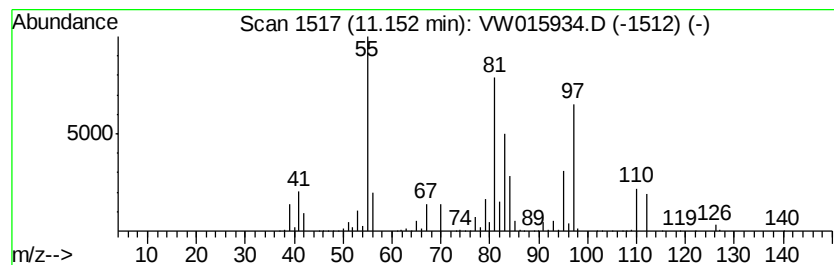
Instrument :
MSVOA_W
ClientSampleId :
GAY15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

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

Peak Number 32 Methyl ethyl cyclopentene Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.15	8.11 ug/L	4191240	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl ethyl	cyclopentene	110	C8H14	019780-56-4	64
2	Cyclohexene, 1-ethyl-		110	C8H14	001453-24-3	43
3	Cyclohexene, 1-ethyl-		110	C8H14	001453-24-3	43
4	Cyclohexene, 1-ethyl-		110	C8H14	001453-24-3	43
5	Cyclohexane, ethylidene-		110	C8H14	001003-64-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

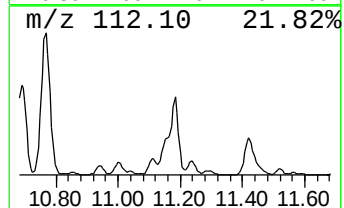
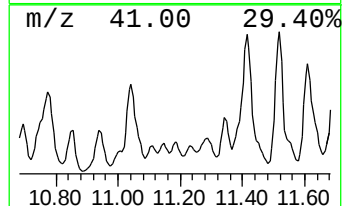
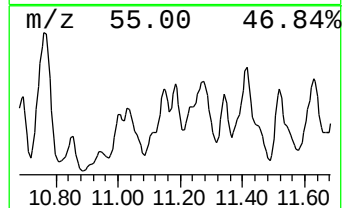
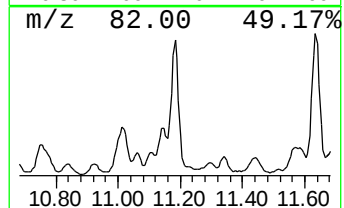
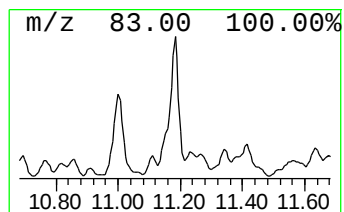
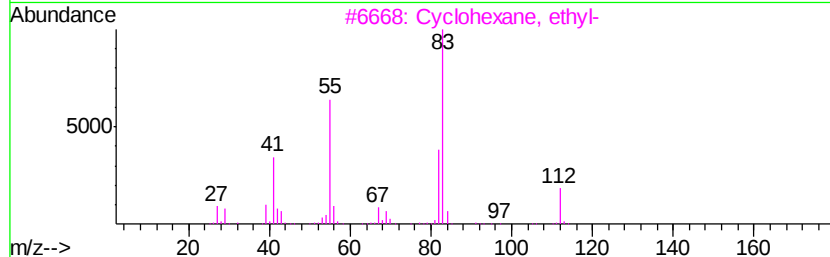
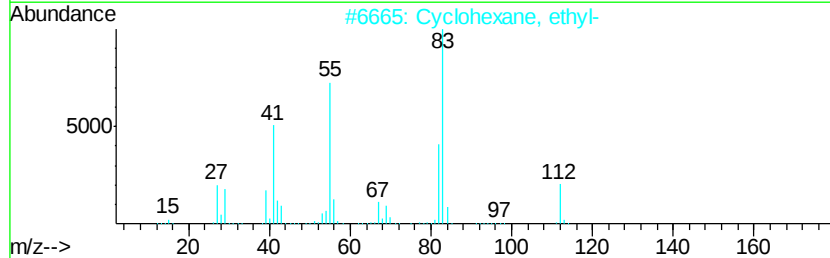
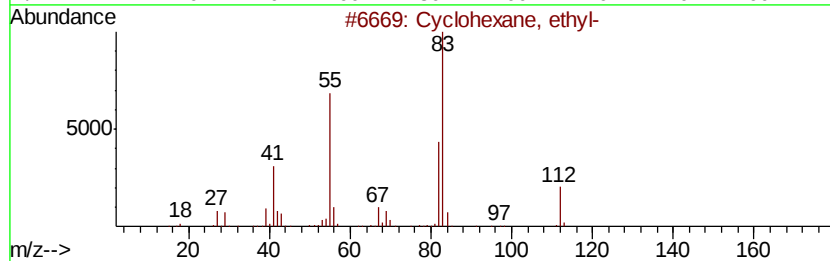
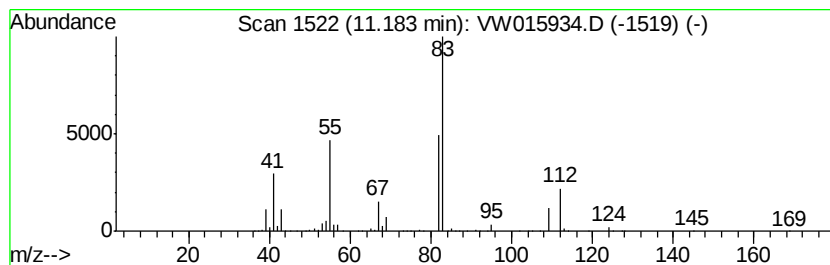
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Quant Title : VOC Analysis

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

Peak Number 33 (DEL) Alkane: Cyclic11.18 Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	6.18 ug/L	3191670	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
2		Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
3		Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
5		Cyclohexane, ethyl-	112	C8H16	001678-91-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

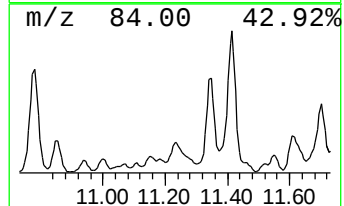
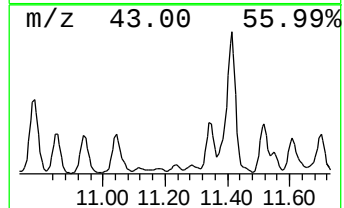
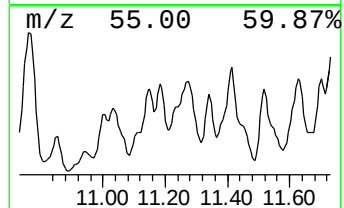
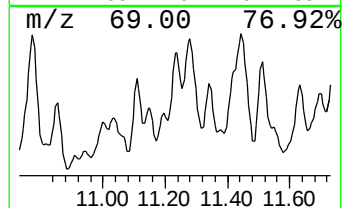
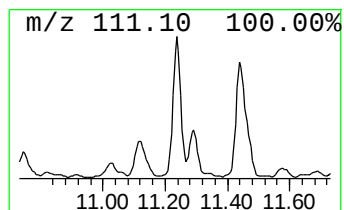
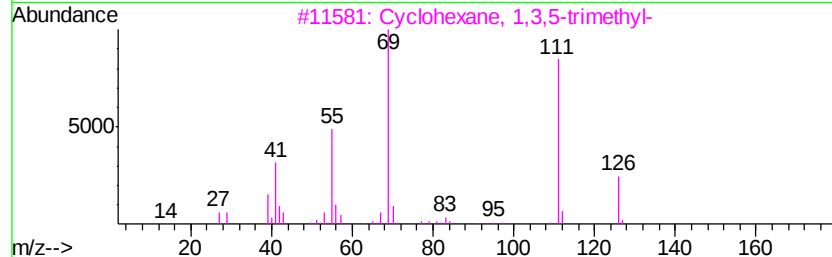
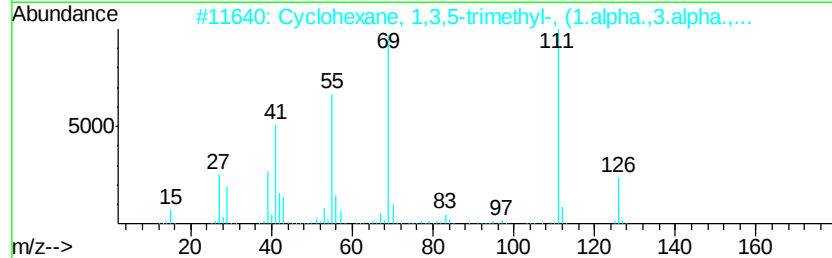
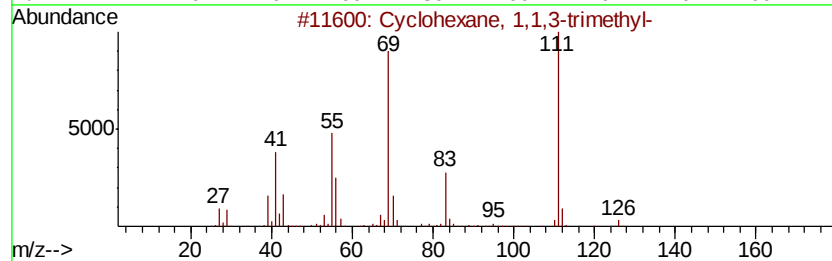
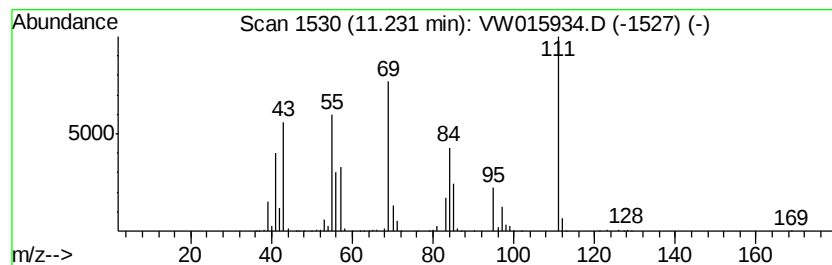
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Quant Title : VOC Analysis

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

Peak Number 34 (DEL) Alkane: Cyclic11.23 Concentration Rank 78

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	5.69 ug/L	2939630	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	53
2		Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	50
3		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	50
4		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	50
5		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

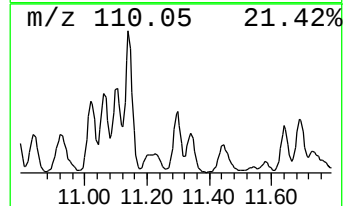
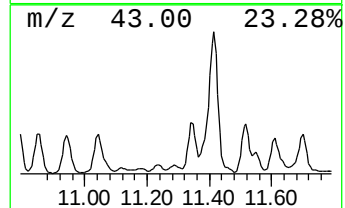
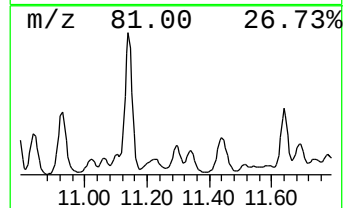
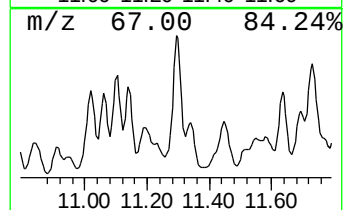
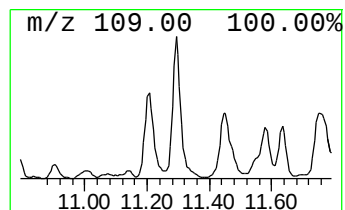
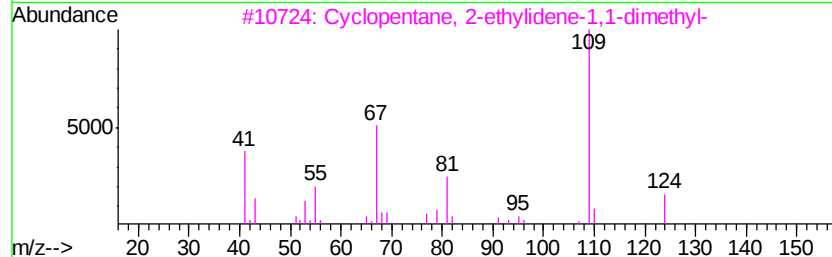
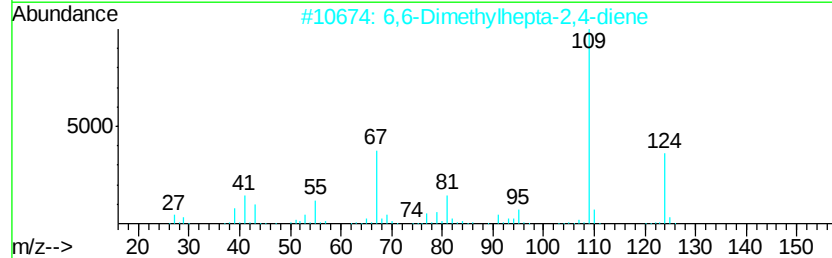
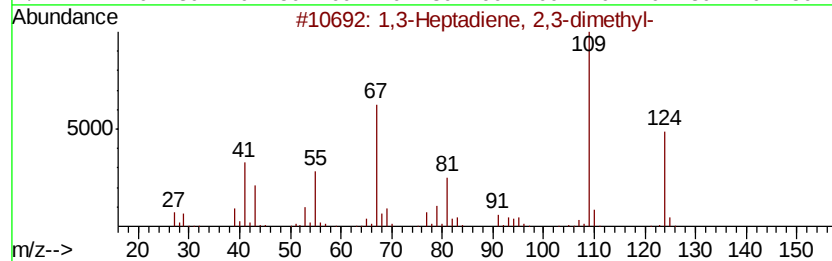
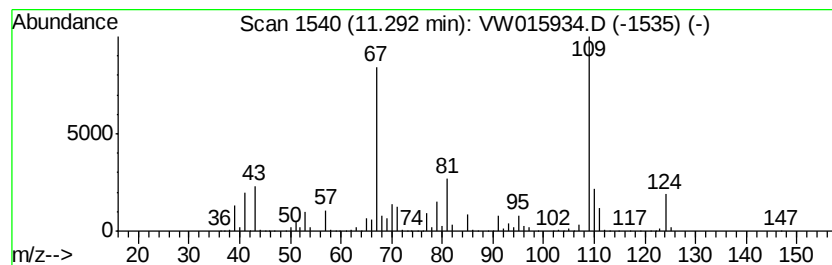
Instrument :
MSVOA_W
ClientSampleId :
GAY15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

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

Peak Number 35 1,3-Heptadiene, 2,3-dimethyl- Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.29	8.57 ug/L	4427120	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Heptadiene, 2,3-dimethyl-	124	C9H16	074779-65-0	72
2	6,6-Dimethylhepta-2,4-diene	124	C9H16	1000195-03-3	72
3	Cyclopentane, 2-ethylidene-1,1-dimethyl-	124	C9H16	056324-66-4	58
4	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	50
5	1,2,4,4-Tetramethylcyclopentene	124	C9H16	065378-76-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

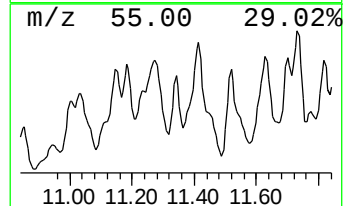
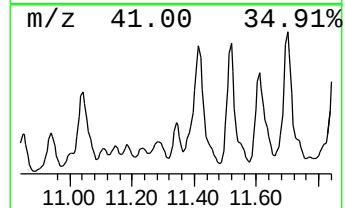
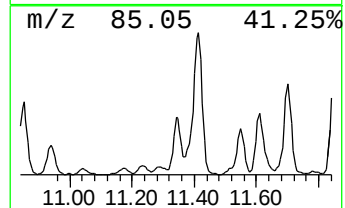
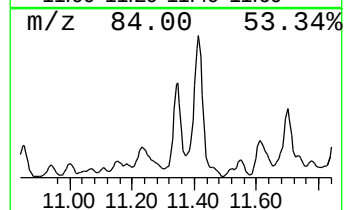
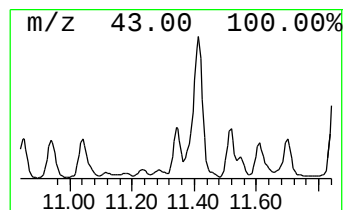
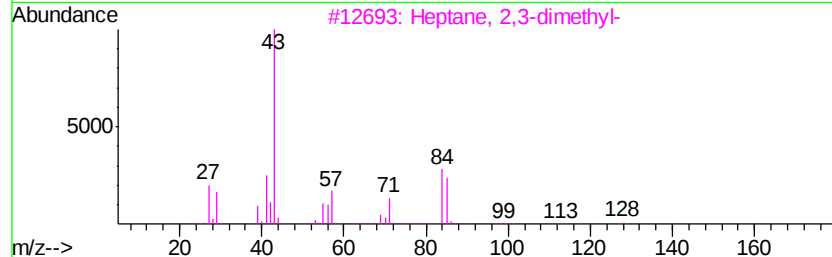
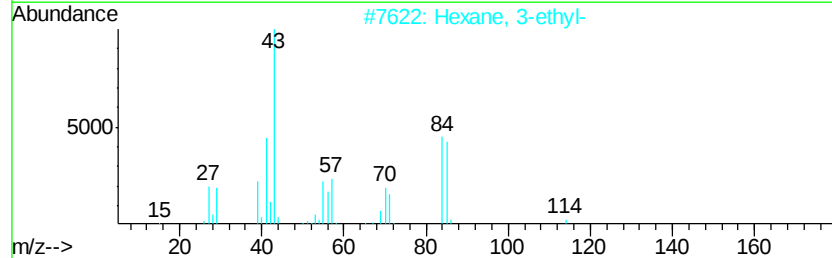
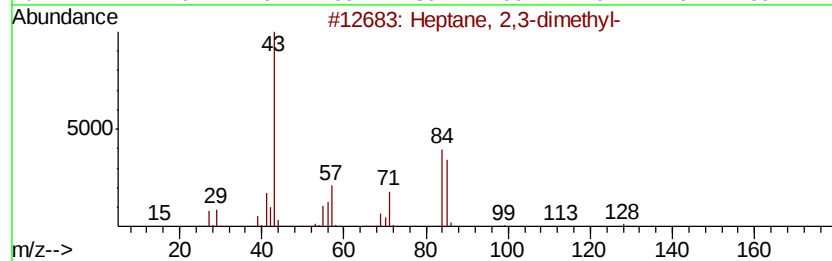
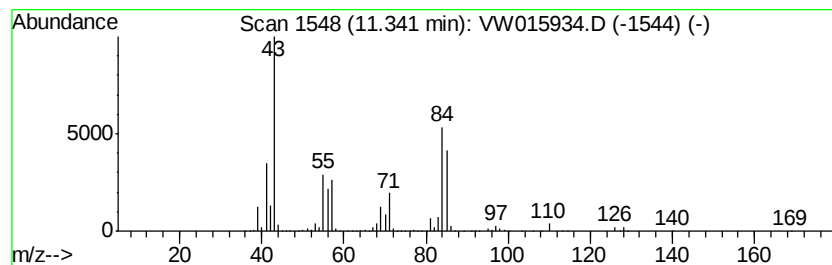
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Quant Title : VOC Analysis

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	10.03 ug/L	5179010	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	90
2		Hexane, 3-ethyl-	114	C8H18	000619-99-8	83
3		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	68
4		Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	68
5		1-Octene, 4-methyl-	126	C9H18	013151-12-7	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

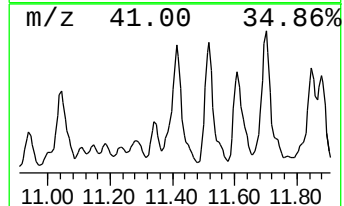
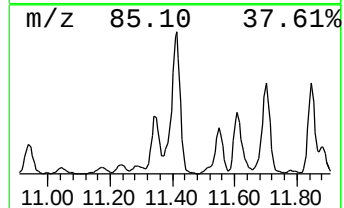
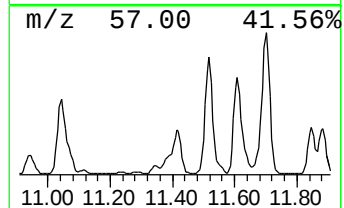
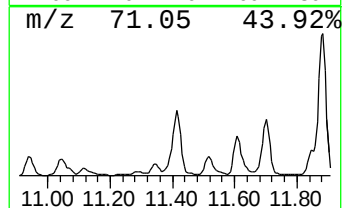
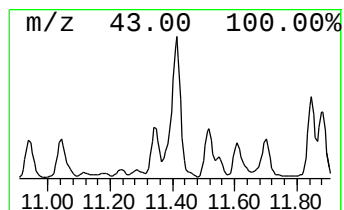
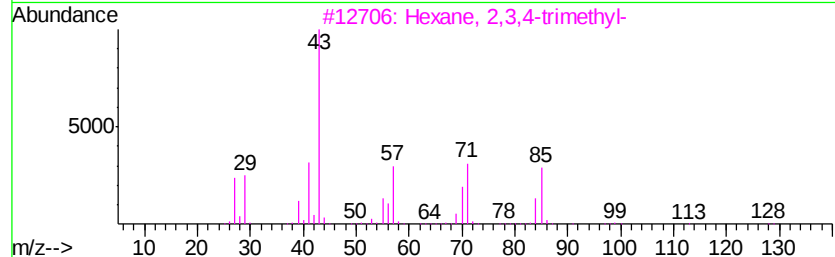
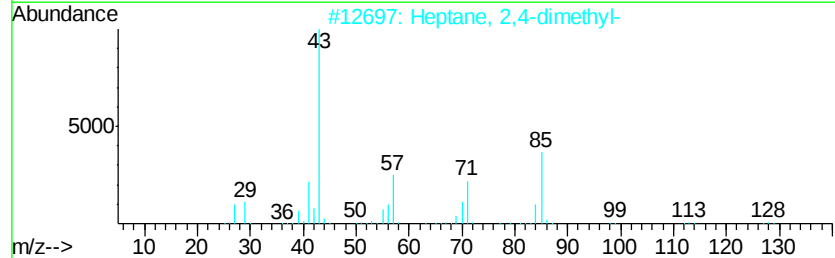
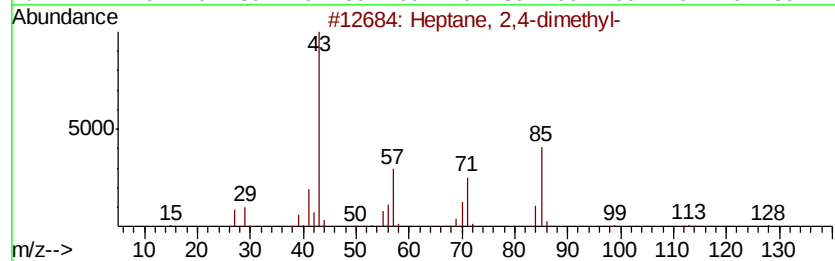
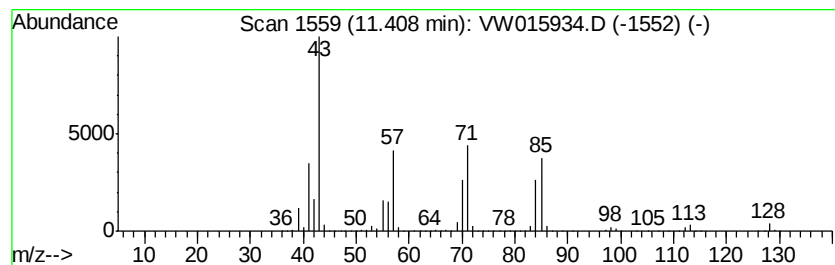
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Quant Title : VOC Analysis

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	36.77 ug/L	18989100	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
2			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
3			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
4			Octane, 4-methyl-	128	C9H20	002216-34-4	58
5			Hexane, 3-ethyl-	114	C8H18	000619-99-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

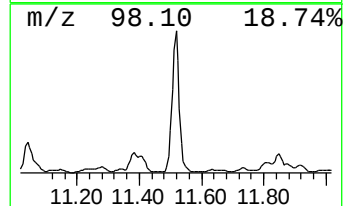
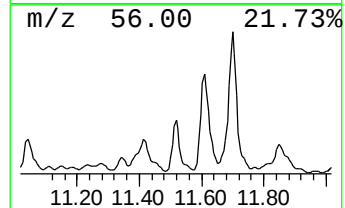
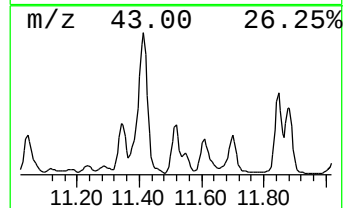
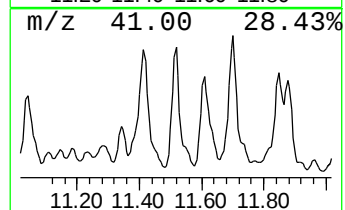
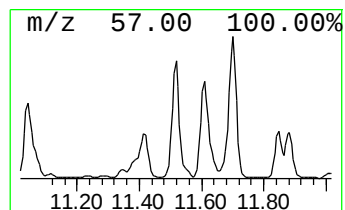
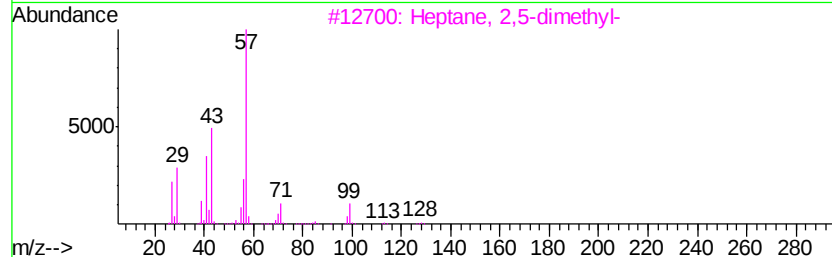
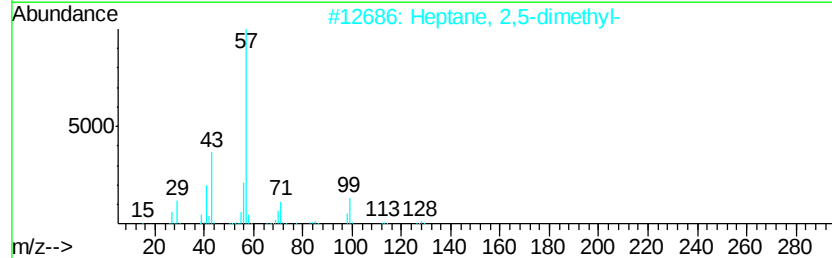
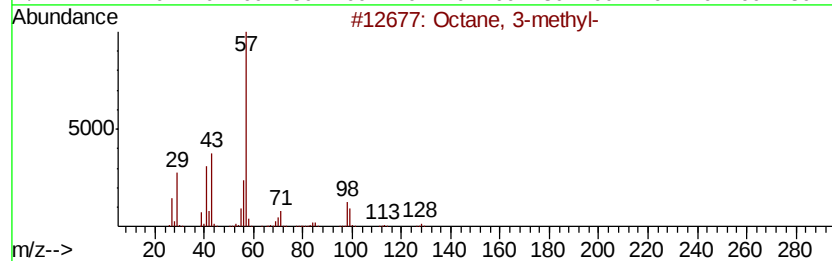
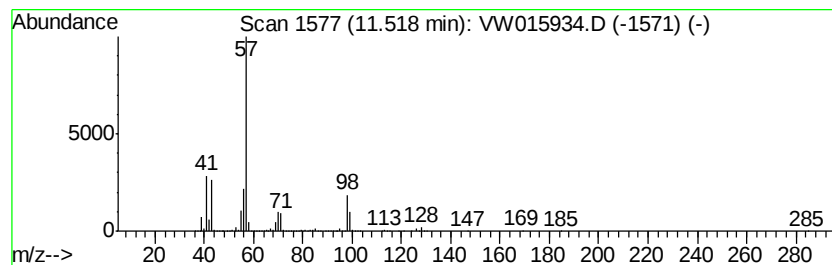
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Quant Title : VOC Analysis

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	25.20 ug/L	13017400	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3-methyl-	128	C9H20	002216-33-3	87
2		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	83
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	83
4		Octane, 3-methyl-	128	C9H20	002216-33-3	80
5		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

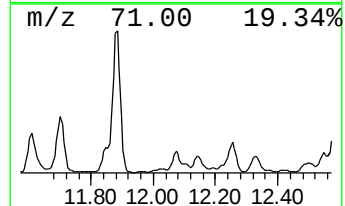
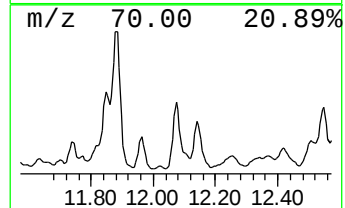
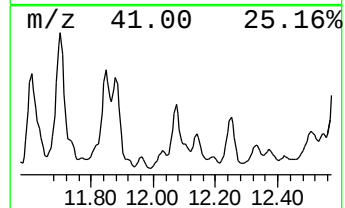
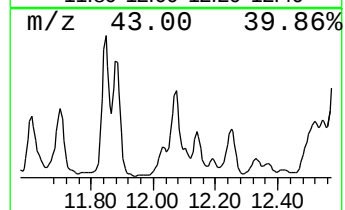
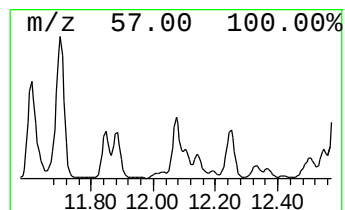
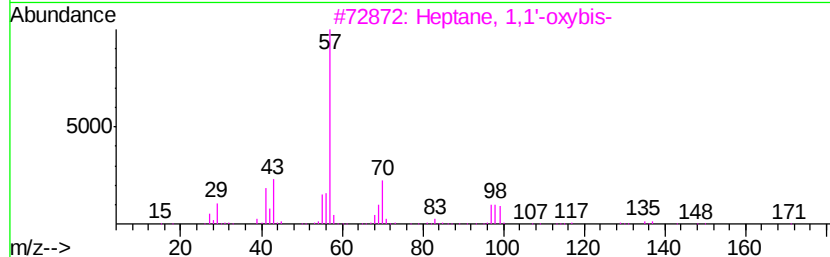
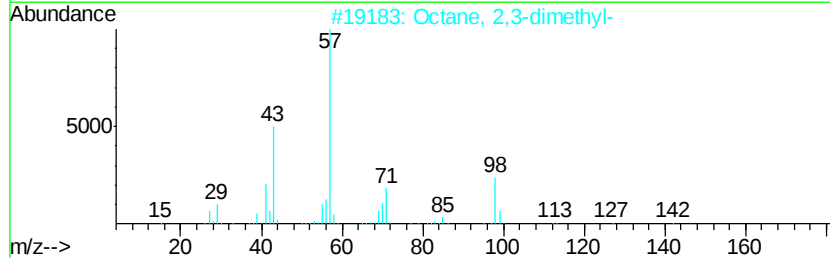
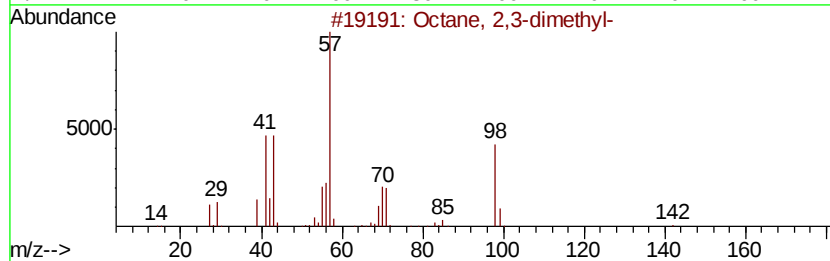
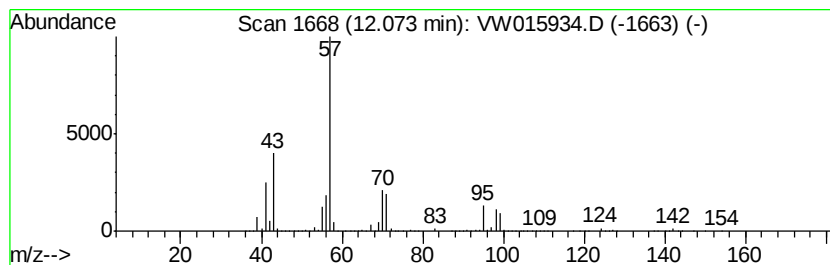
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Quant Title : VOC Analysis

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	15.14 ug/L	7820390	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	64
2		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53
3		Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
4		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50
5		Nonane, 4-methyl-	142	C10H22	017301-94-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

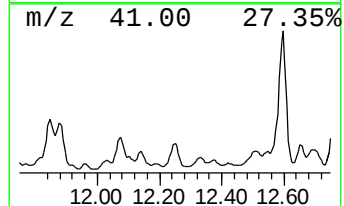
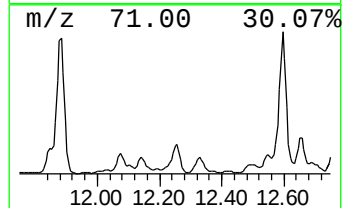
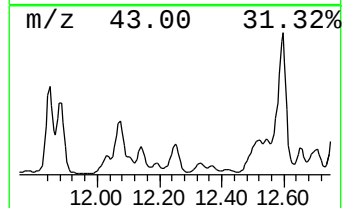
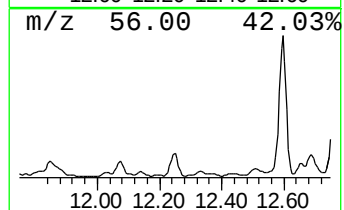
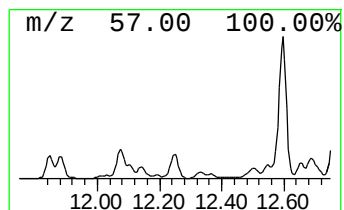
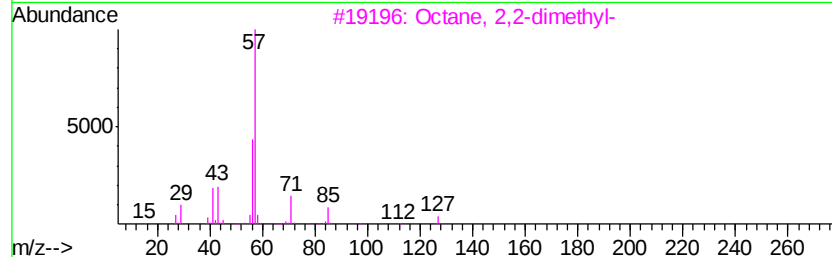
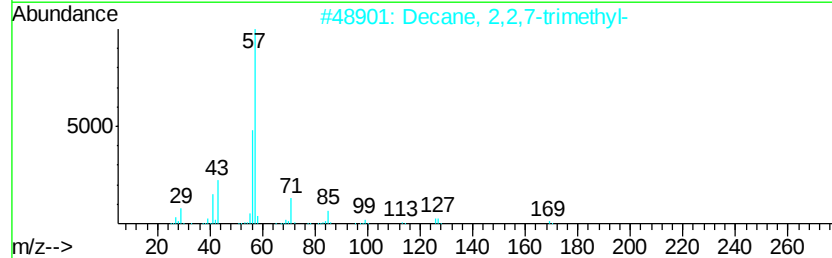
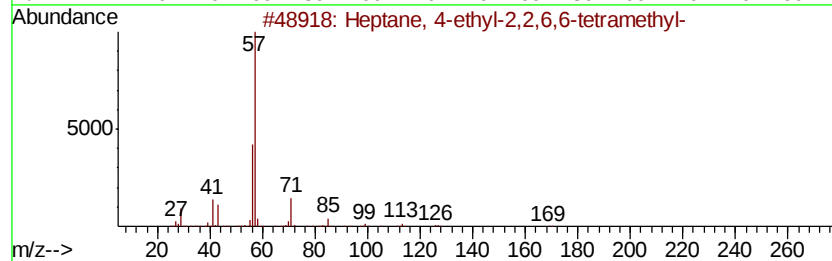
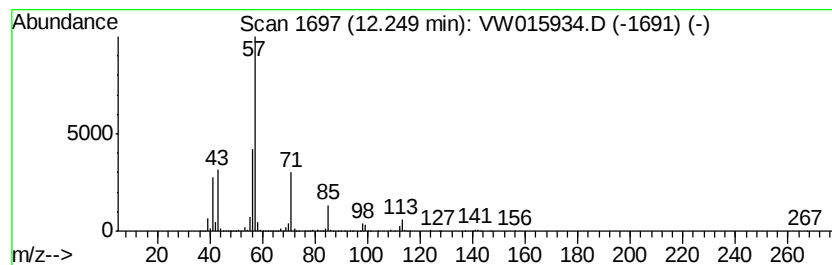
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Quant Title : VOC Analysis

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

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	10.48 ug/L	5414180	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	64
2		Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	59
3		Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	53
4		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
5		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

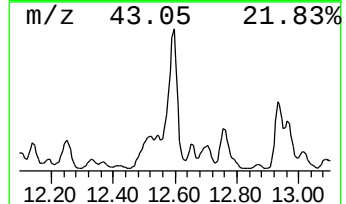
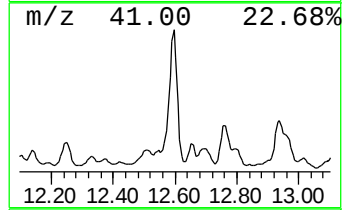
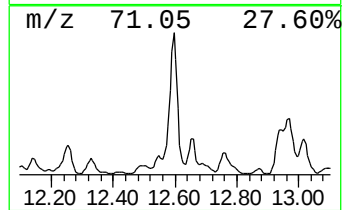
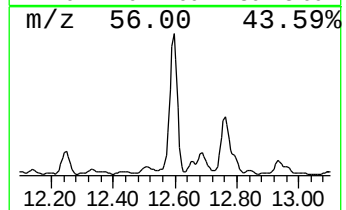
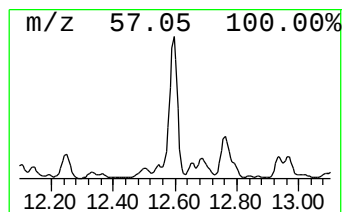
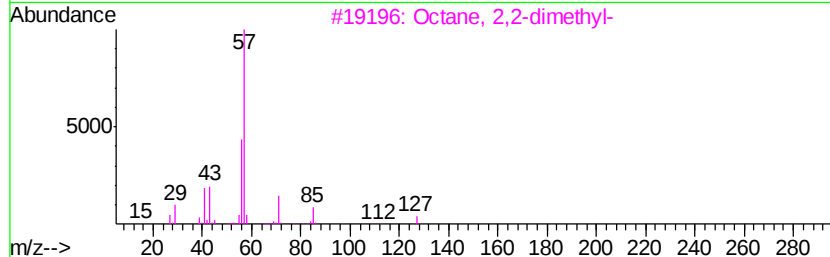
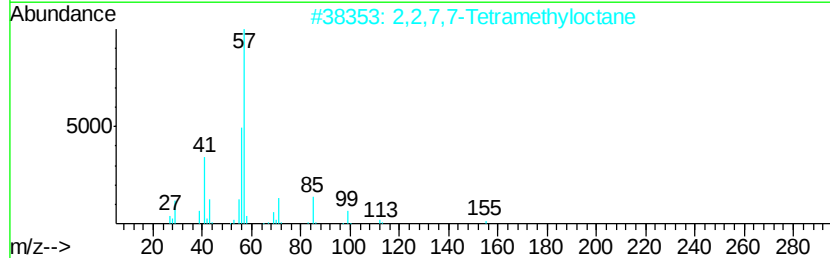
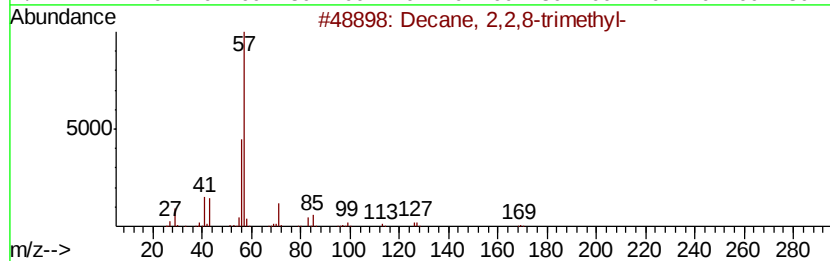
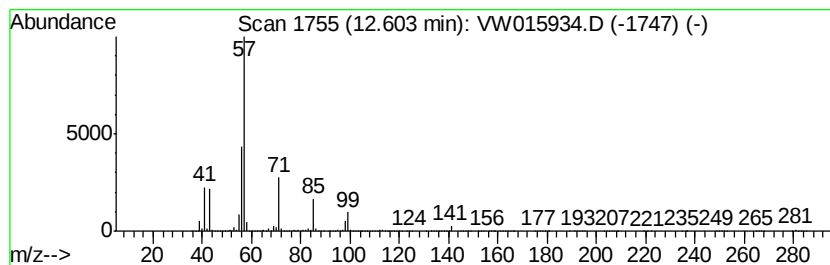
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Quant Title : VOC Analysis

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	307.74 ug/L	32264200	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	64
2		2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	59
3		Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	53
4		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
5		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

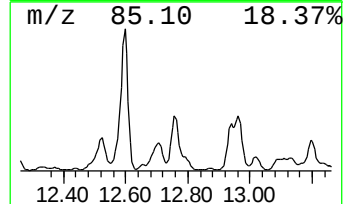
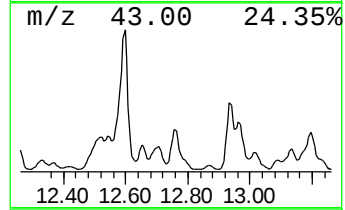
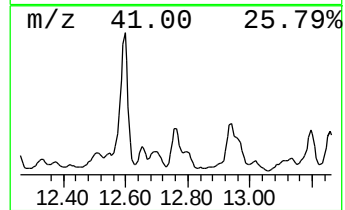
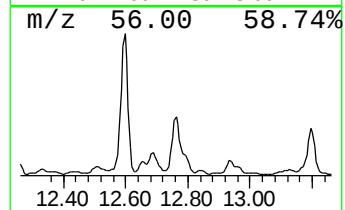
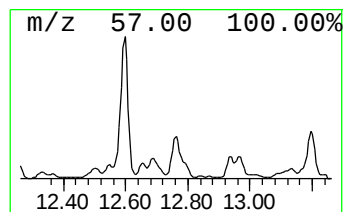
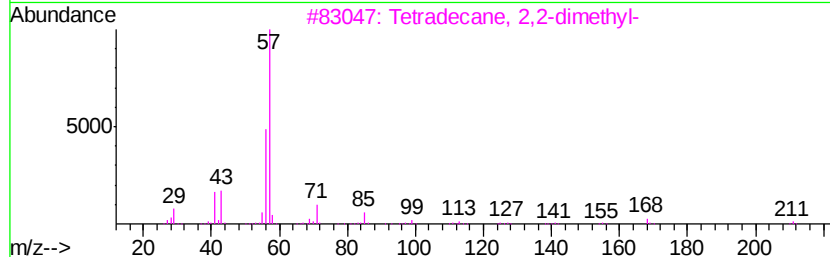
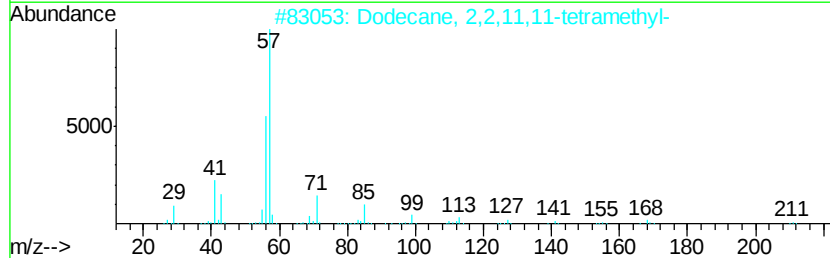
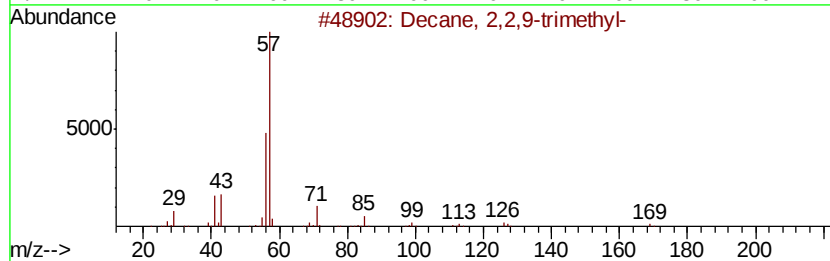
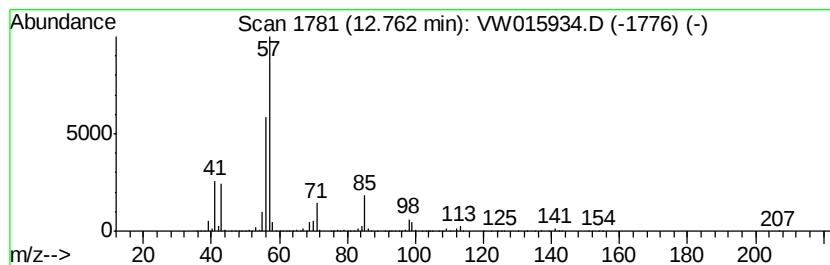
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Quant Title : VOC Analysis

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

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	85.47 ug/L	8960600	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	72
2		Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	72
3		Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	72
4		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	64
5		Undecane, 2,2-dimethyl-	184	C13H28	017312-64-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

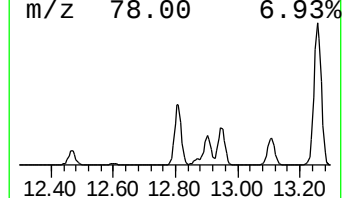
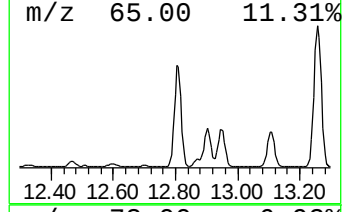
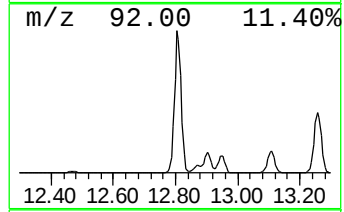
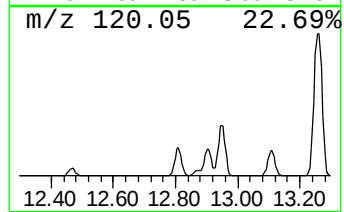
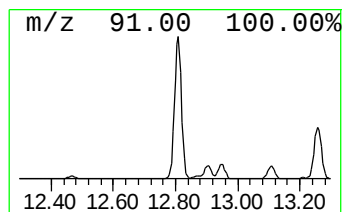
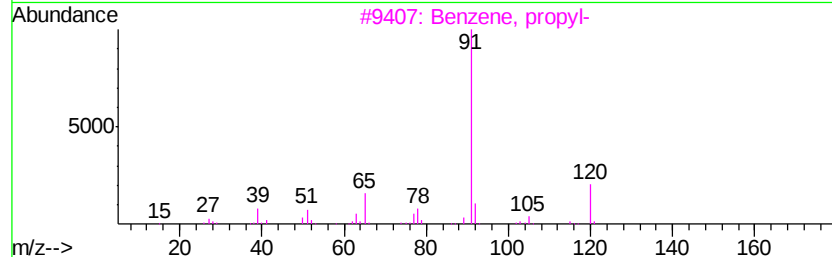
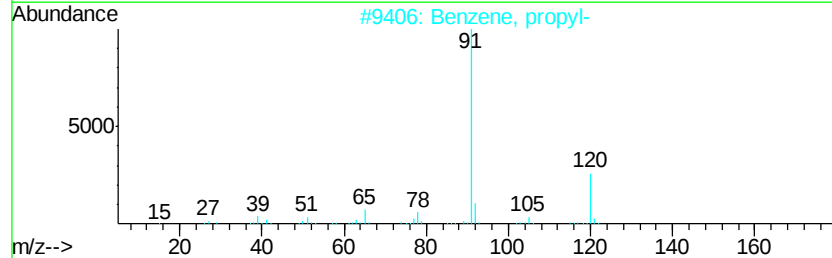
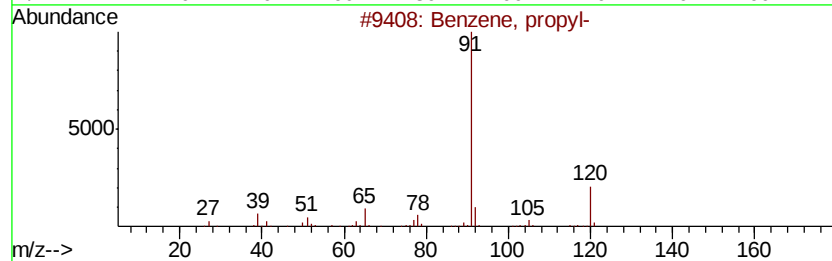
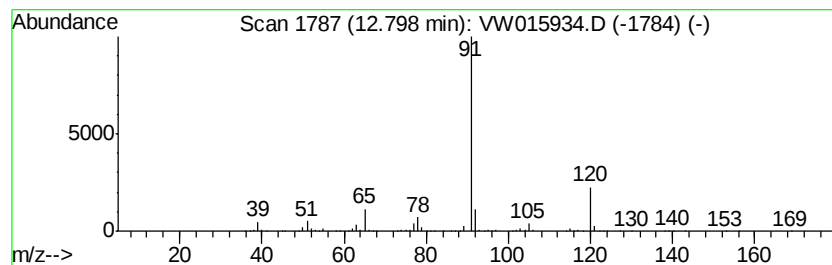
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Quant Title : VOC Analysis

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

Peak Number 43 Benzene, propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	183.90 ug/L	19281000	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	91
2		Benzene, propyl-	120	C9H12	000103-65-1	91
3		Benzene, propyl-	120	C9H12	000103-65-1	91
4		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5		Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

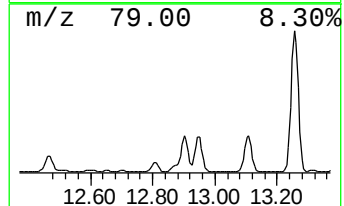
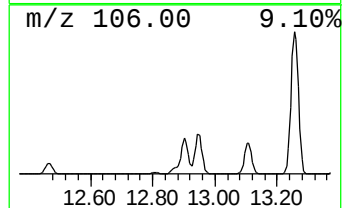
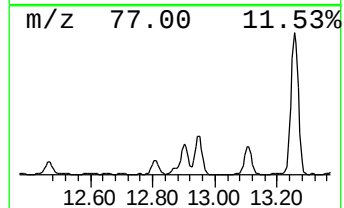
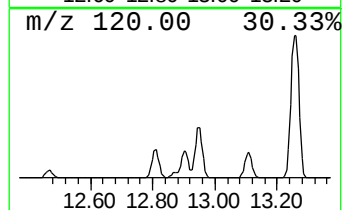
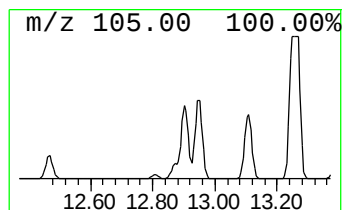
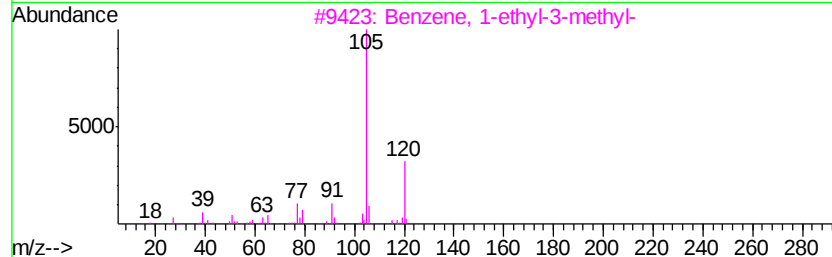
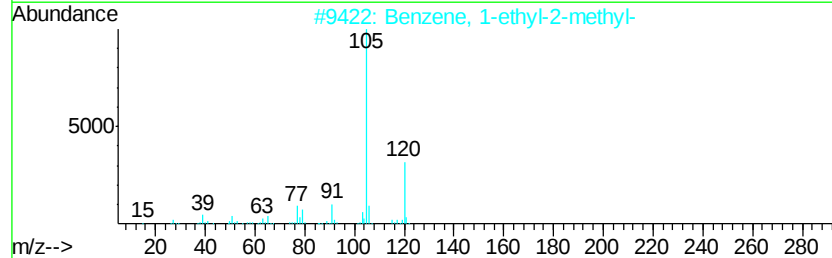
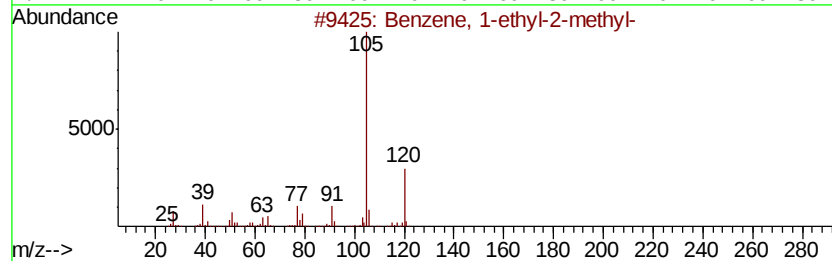
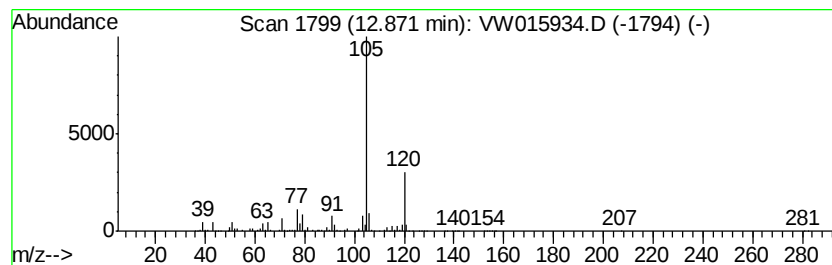
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Quant Title : VOC Analysis

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

Peak Number 44 Benzene, 1-ethyl-2-methyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	25.90 ug/L	2715350	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-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

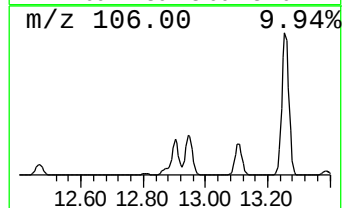
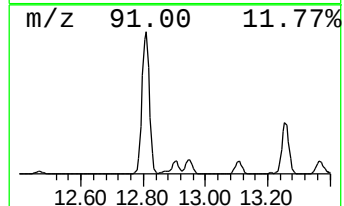
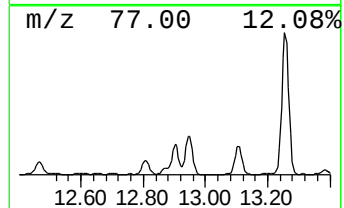
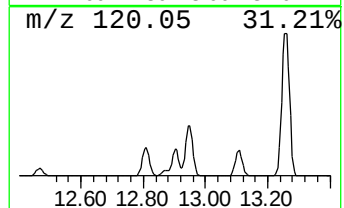
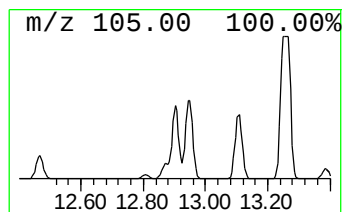
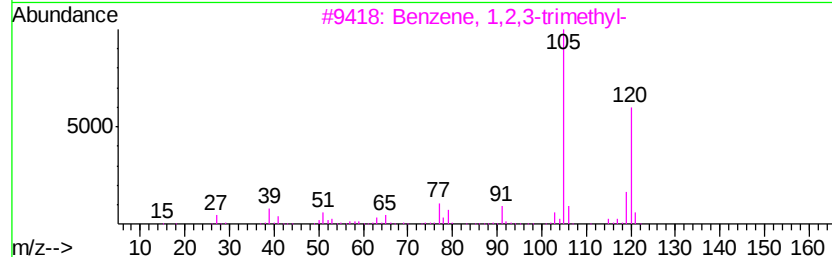
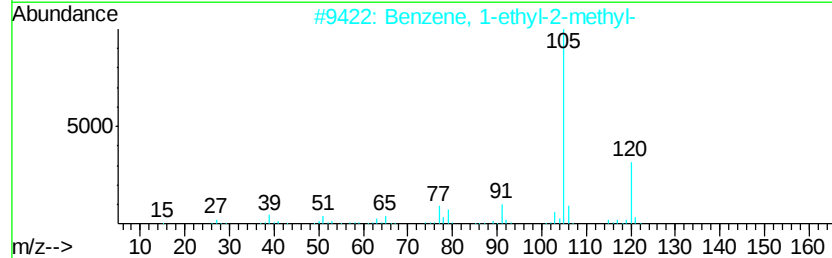
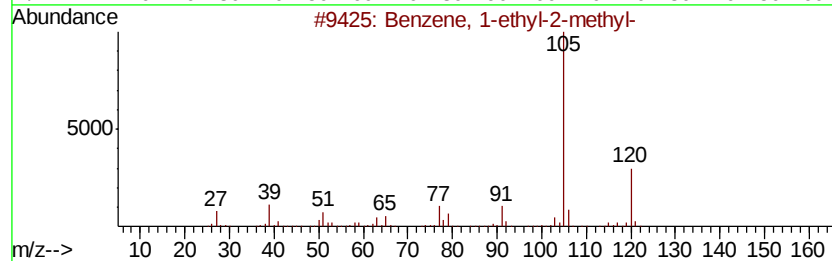
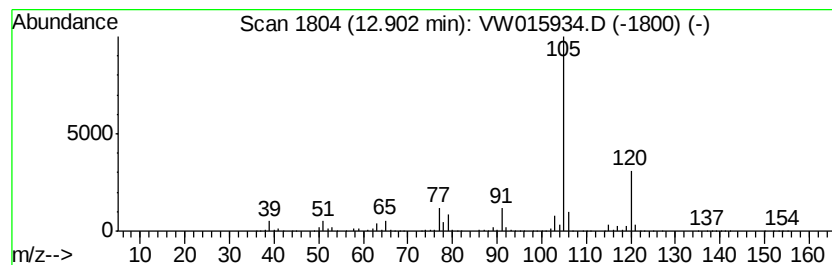
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Quant Title : VOC Analysis

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

Peak Number 45 Benzene, 1-ethyl-3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	161.03 ug/L	16882500	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	94
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

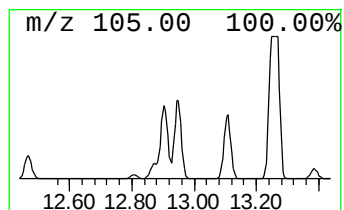
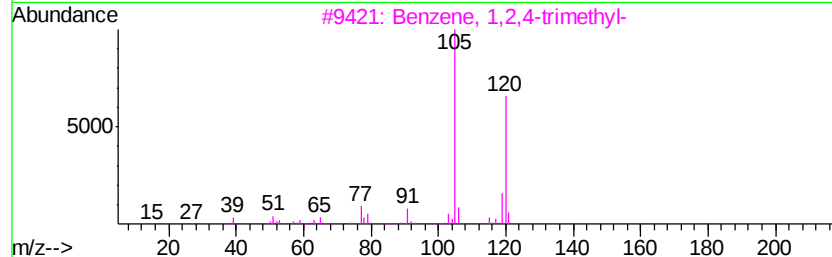
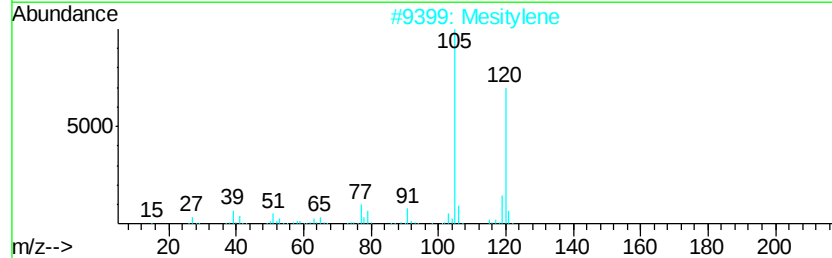
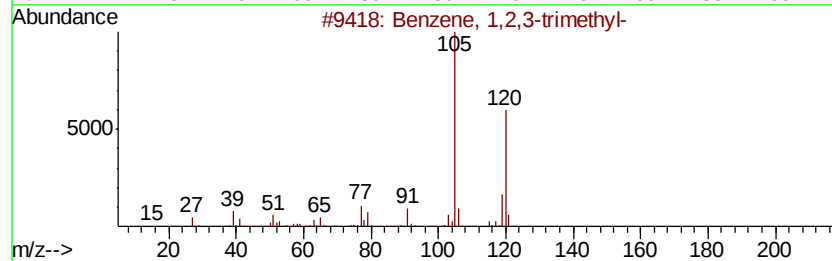
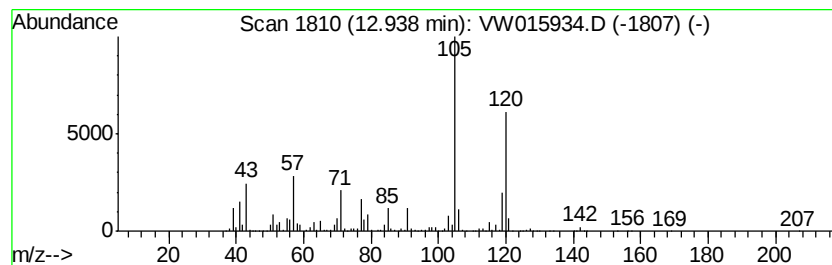
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Quant Title : VOC Analysis

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

Peak Number 46 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	332.15 ug/L	34823300	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		Mesitylene	120	C9H12	000108-67-8	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4		Mesitylene	120	C9H12	000108-67-8	95
5		Mesitylene	120	C9H12	000108-67-8	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

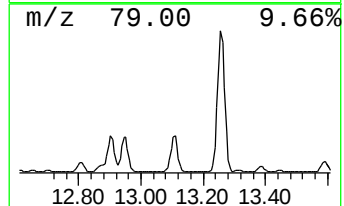
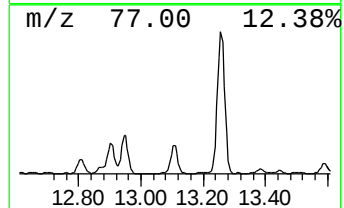
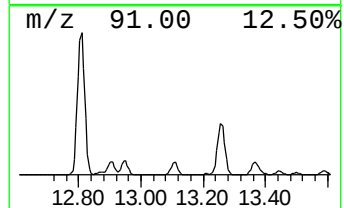
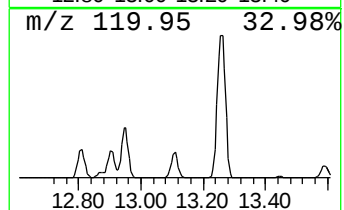
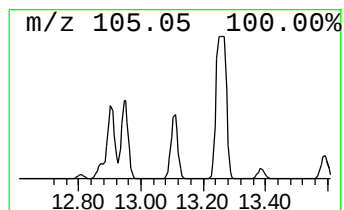
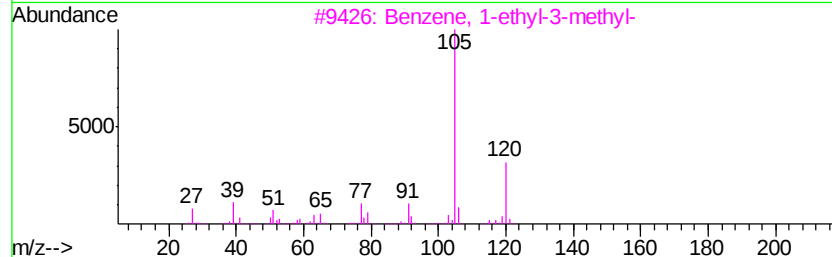
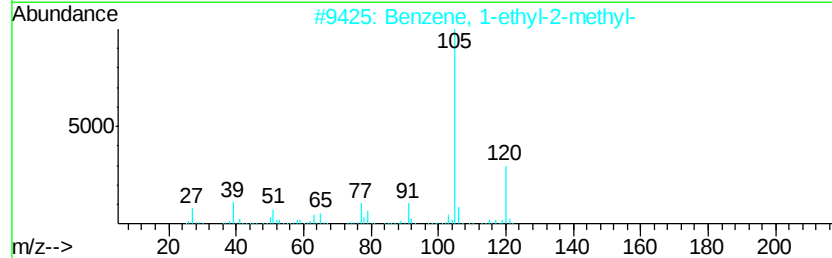
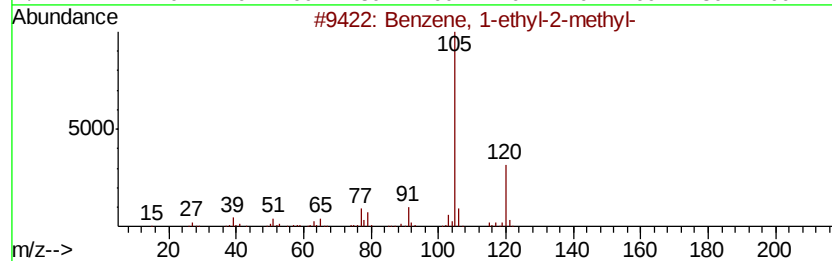
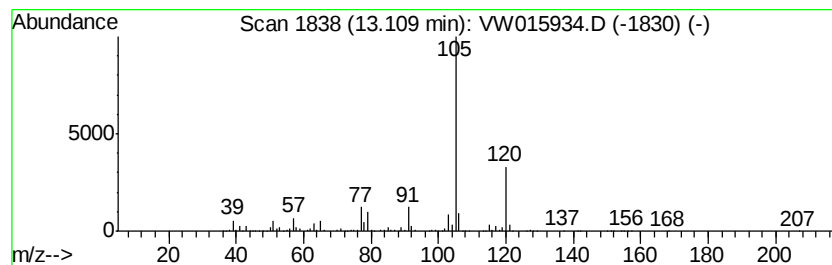
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Quant Title : VOC Analysis

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

Peak Number 47 Mesitylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	191.64 ug/L	20092400	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	94
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

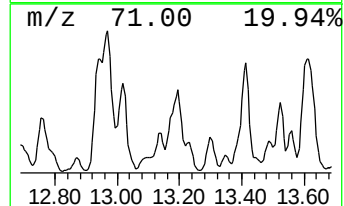
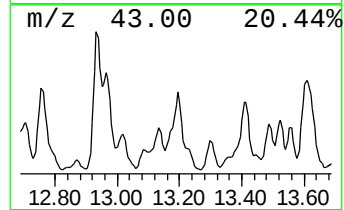
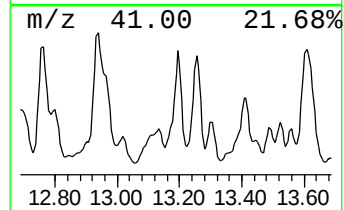
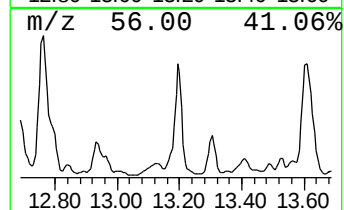
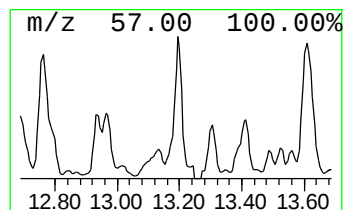
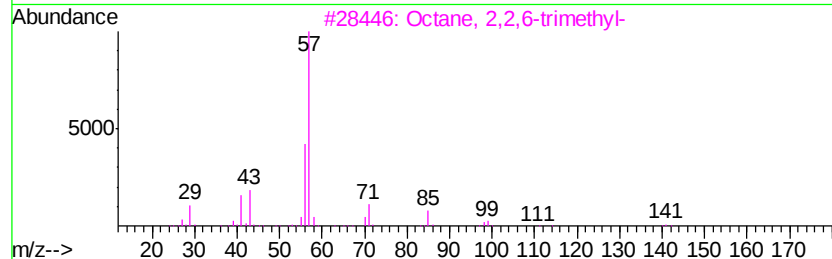
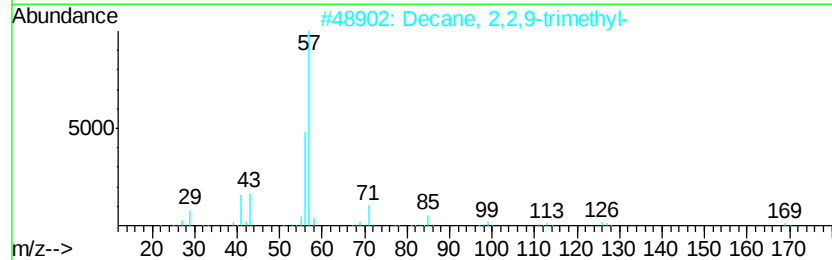
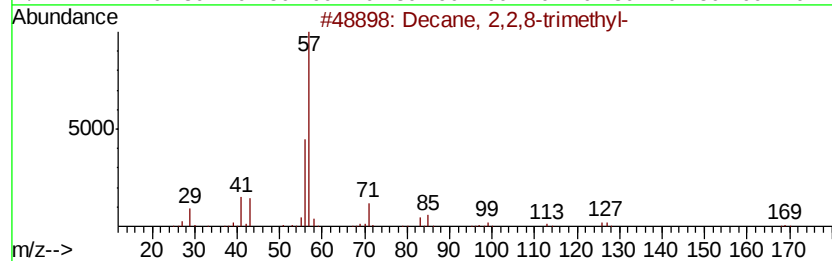
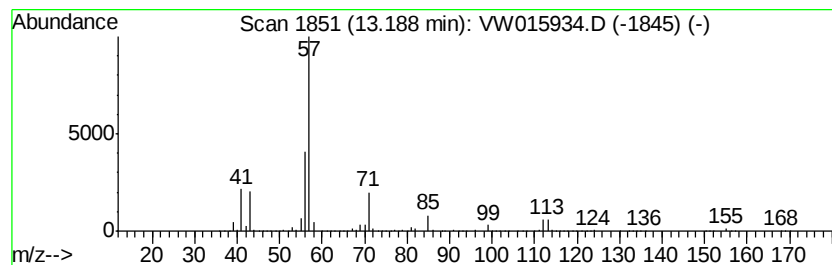
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Quant Title : VOC Analysis

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

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	89.69 ug/L	9403330	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	72
2		Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	72
3		Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	72
4		Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	72
5		Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

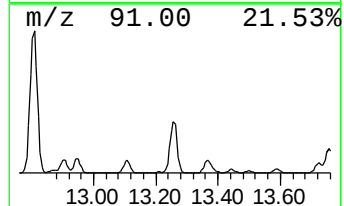
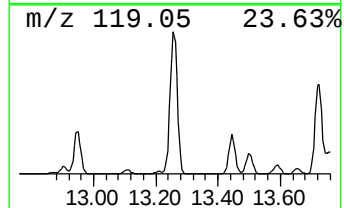
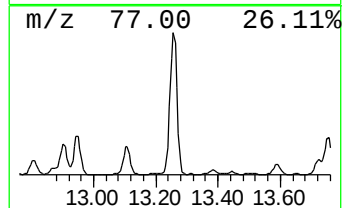
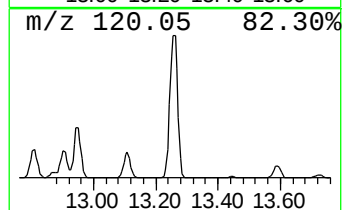
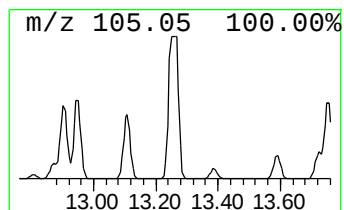
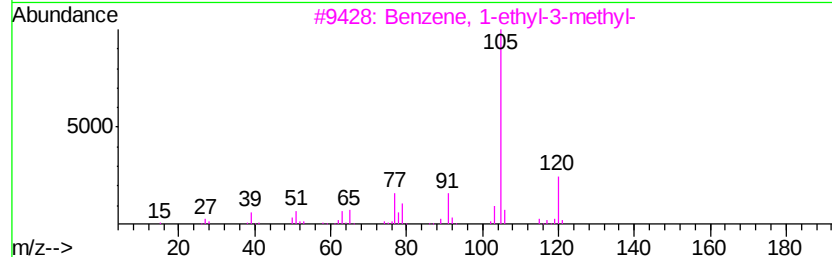
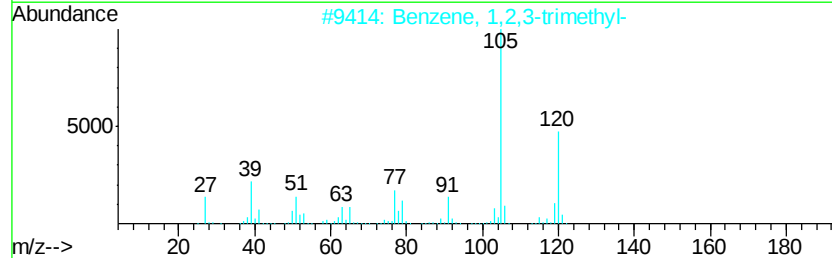
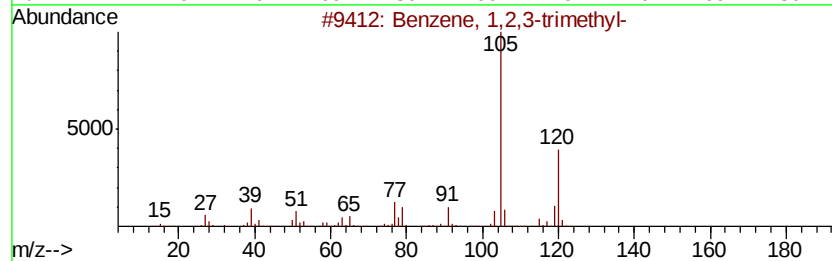
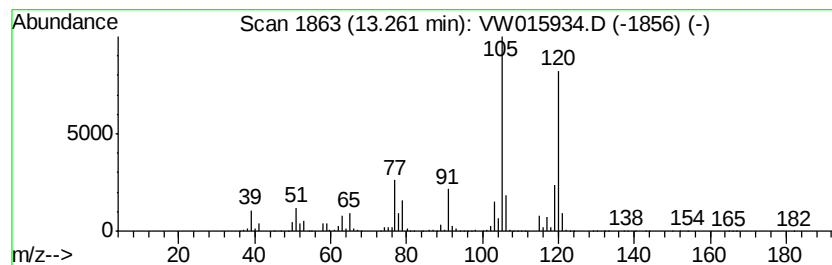
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Quant Title : VOC Analysis

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

Peak Number 49 Benzene, 1,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	717.50 ug/L	75225200	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	83
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

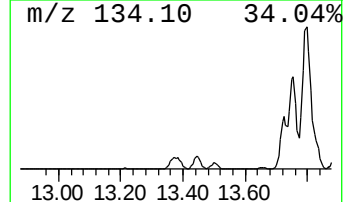
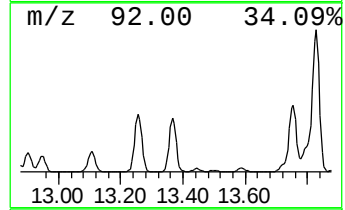
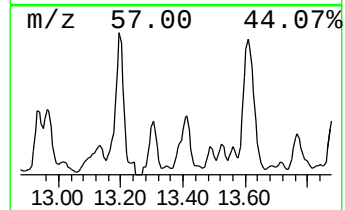
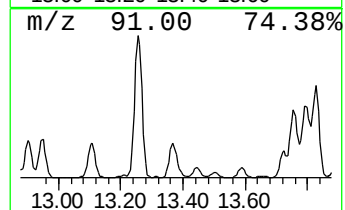
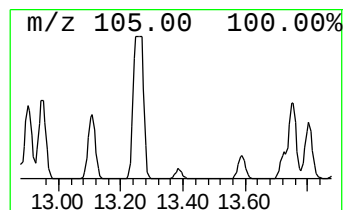
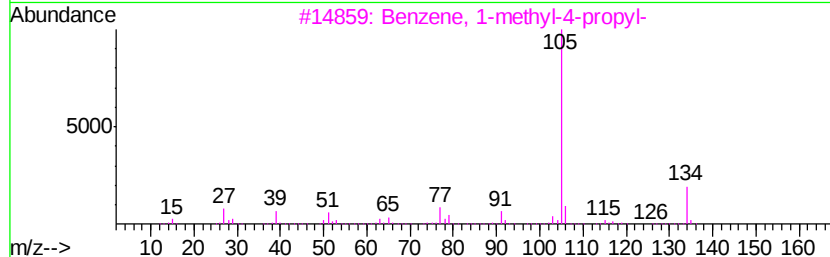
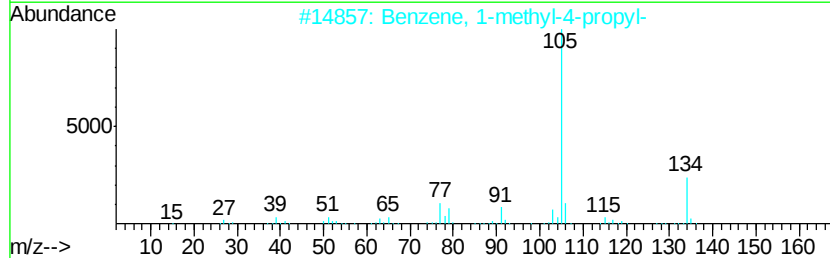
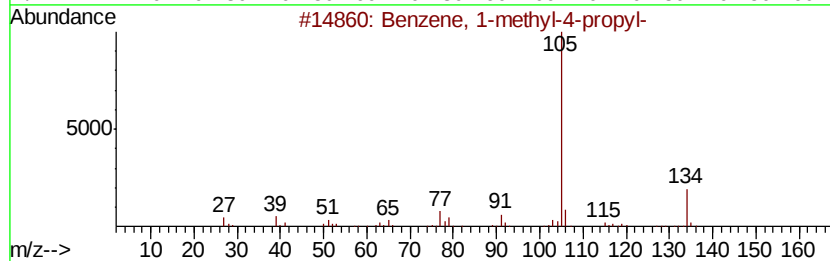
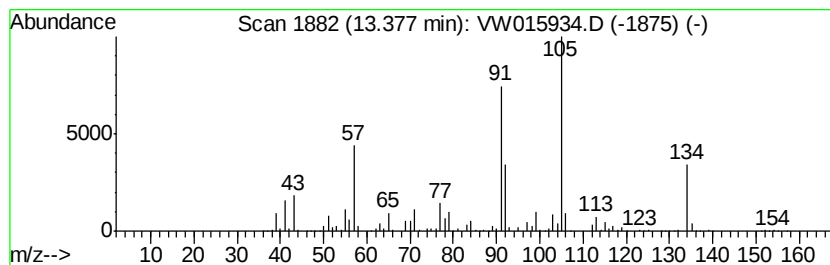
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Quant Title : VOC Analysis

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

Peak Number 50 Benzene, 1-methyl-4-propyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	53.33 ug/L	5591190	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	60
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	60
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	60
4		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	58
5		2-Tolylloxirane	134	C9H10O	002783-26-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

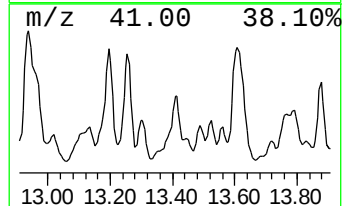
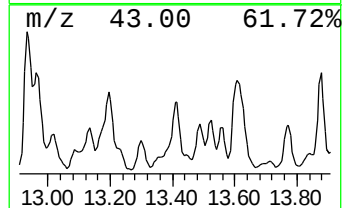
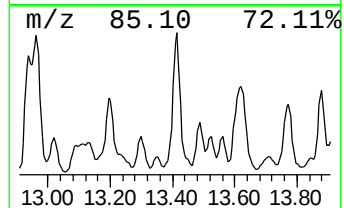
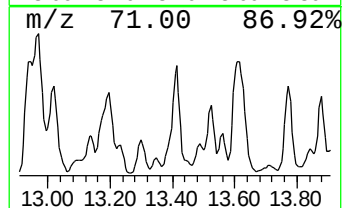
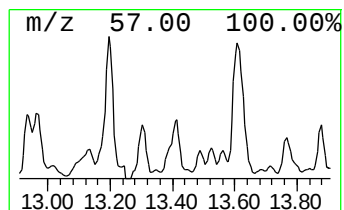
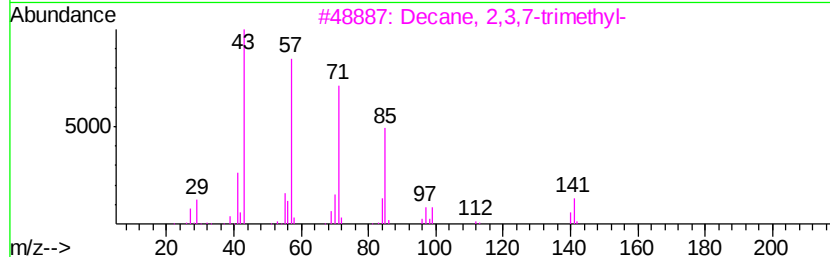
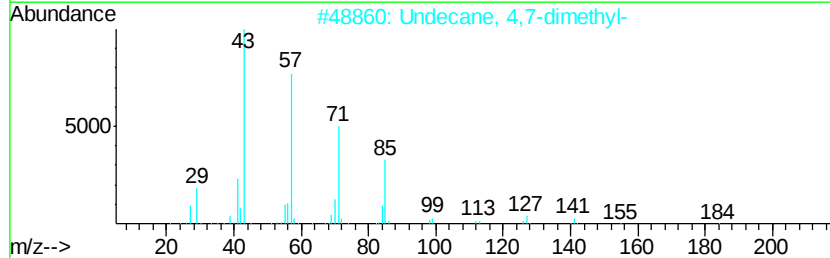
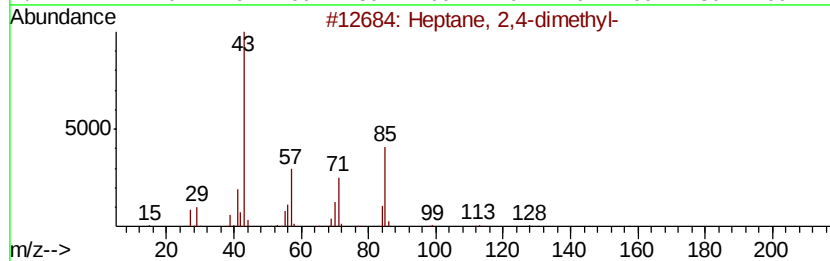
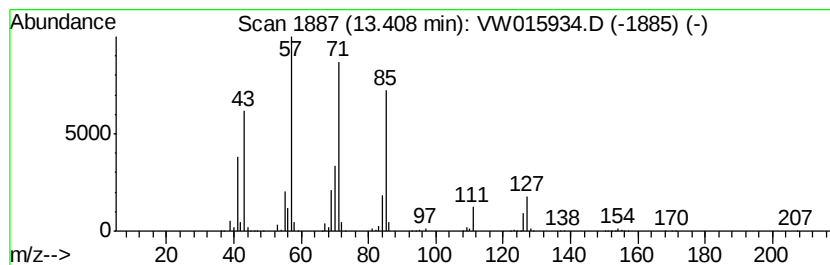
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Quant Title : VOC Analysis

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

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	50.28 ug/L	5271710	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	80
2		Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	72
3		Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	72
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
5		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

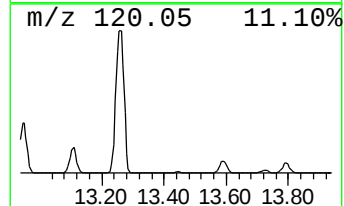
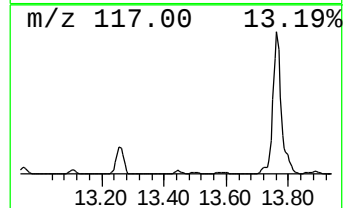
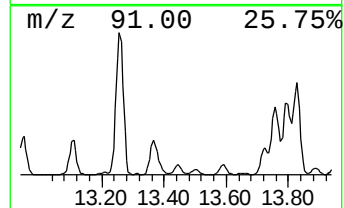
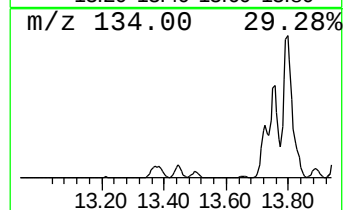
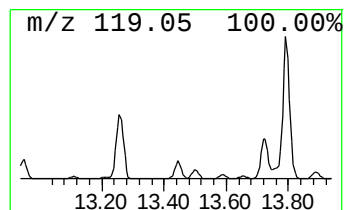
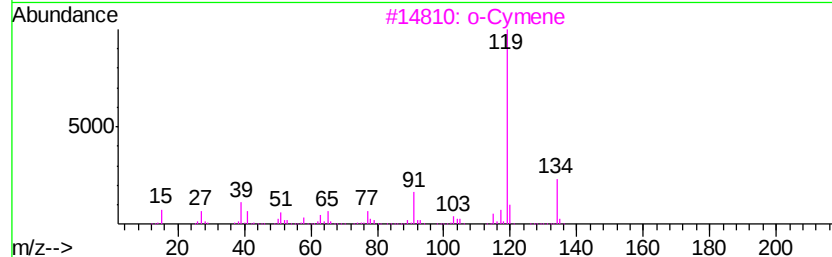
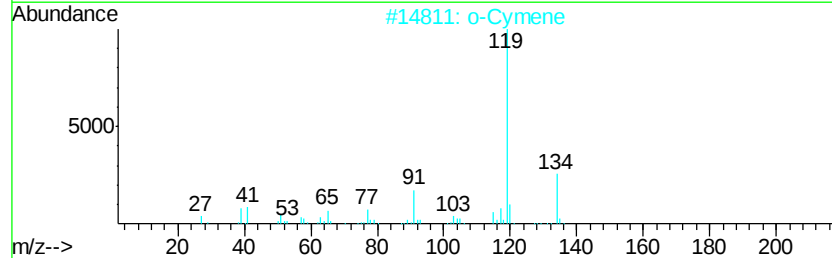
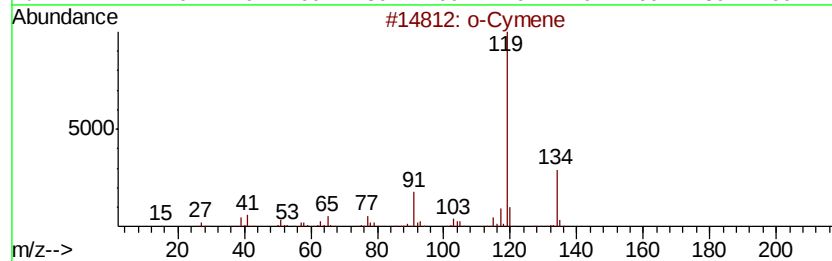
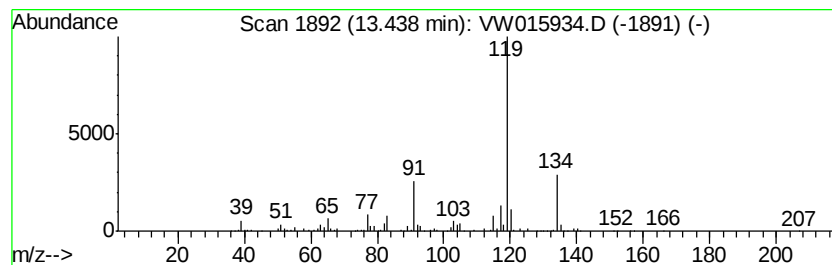
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Quant Title : VOC Analysis

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

Peak Number 52 o-Cymene Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	26.24 ug/L	2750940	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	95
2		o-Cymene	134	C10H14	000527-84-4	95
3		o-Cymene	134	C10H14	000527-84-4	95
4		p-Cymene	134	C10H14	000099-87-6	95
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

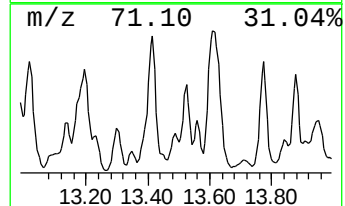
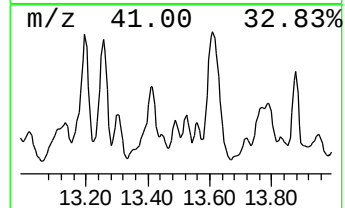
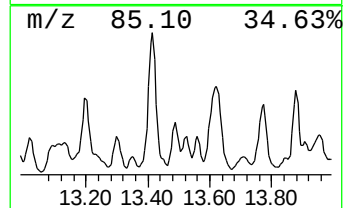
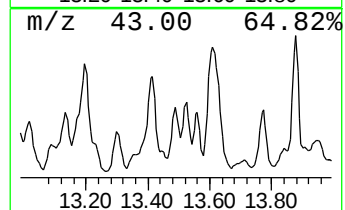
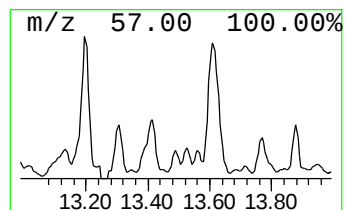
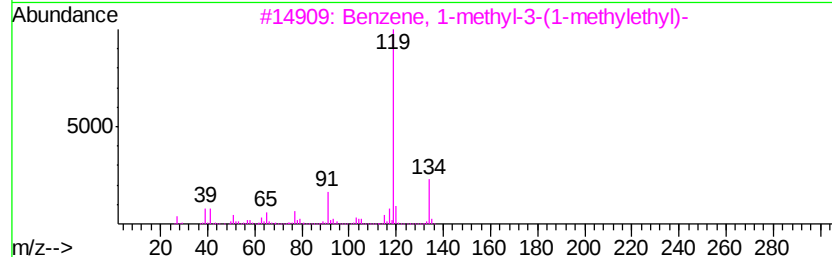
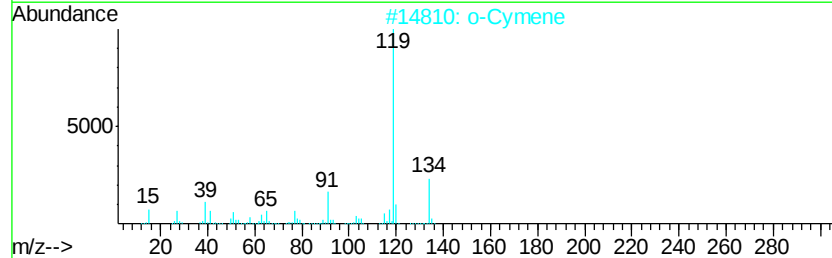
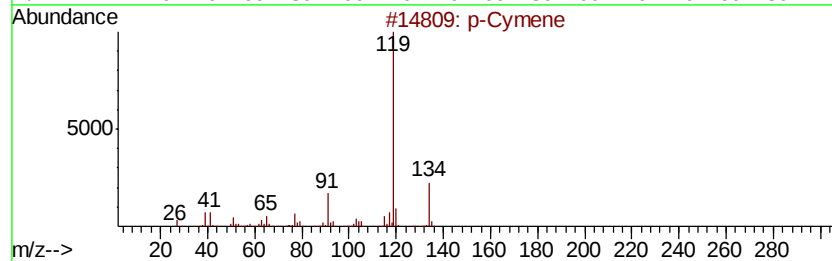
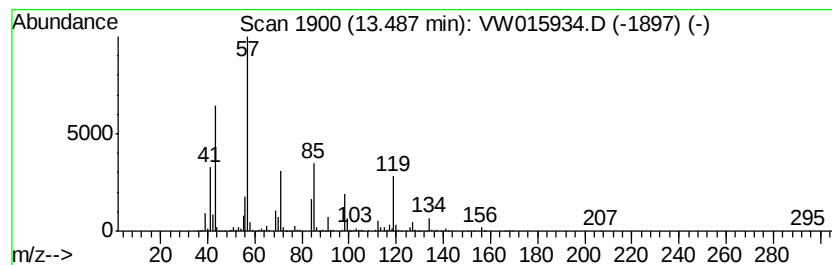
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Quant Title : VOC Analysis

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

Peak Number 53 p-Cymene Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	26.55 ug/L	2783160	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	90
2		o-Cymene	134	C10H14	000527-84-4	89
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	86
4		o-Cymene	134	C10H14	000527-84-4	64
5		p-Cymene	134	C10H14	000099-87-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

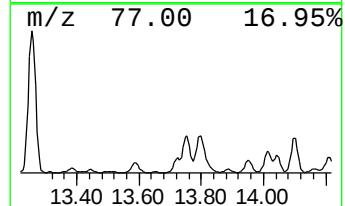
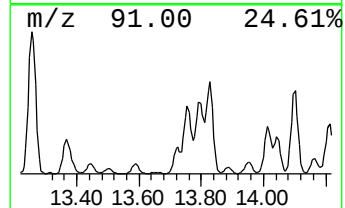
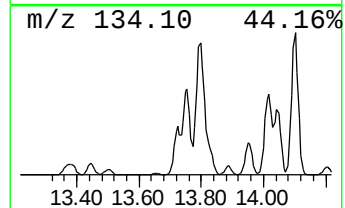
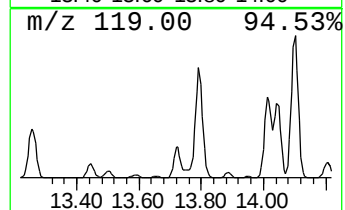
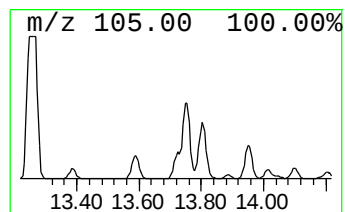
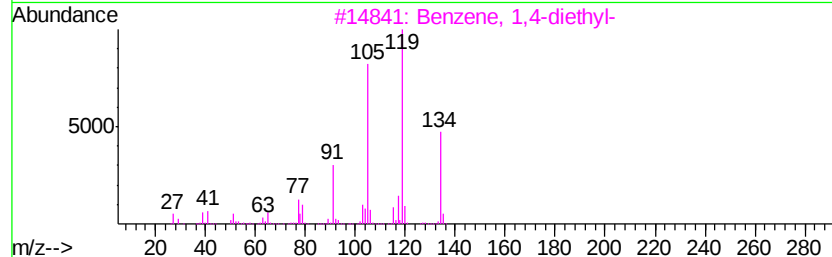
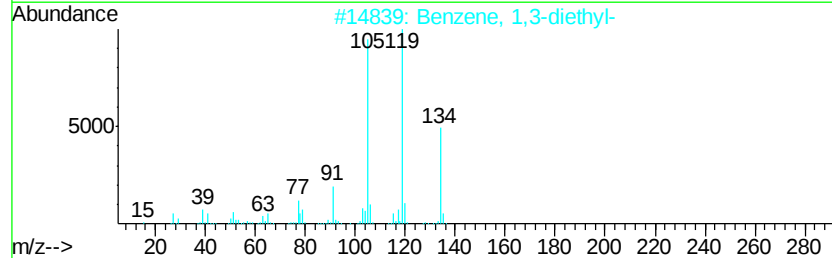
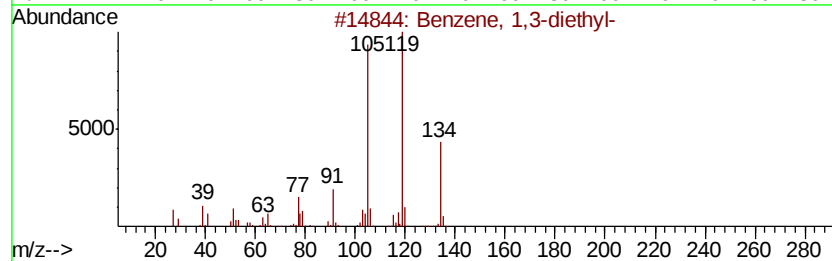
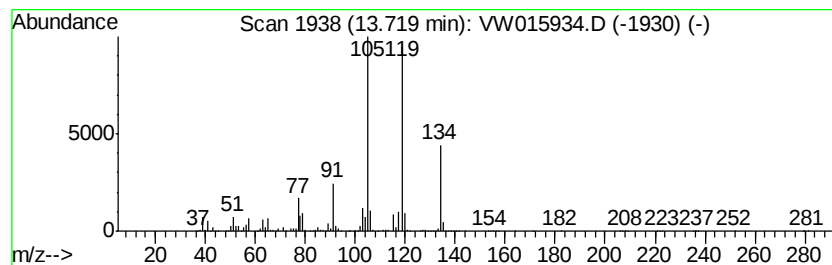
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Quant Title : VOC Analysis

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

Peak Number 54 Benzene, 1,3-diethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	92.38 ug/L	9685210	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
5		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

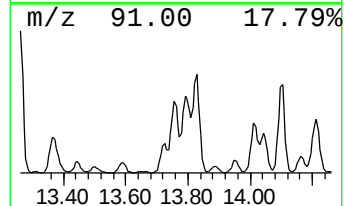
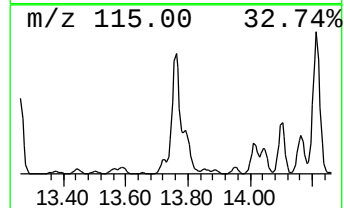
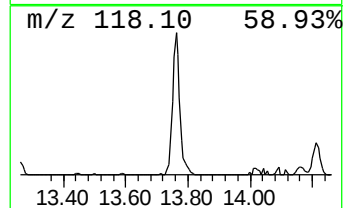
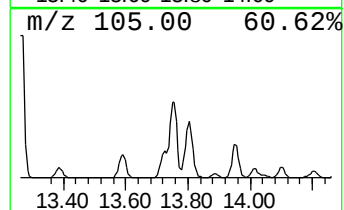
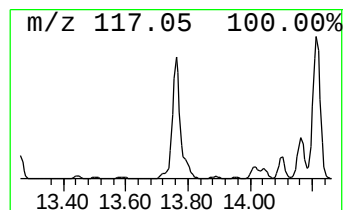
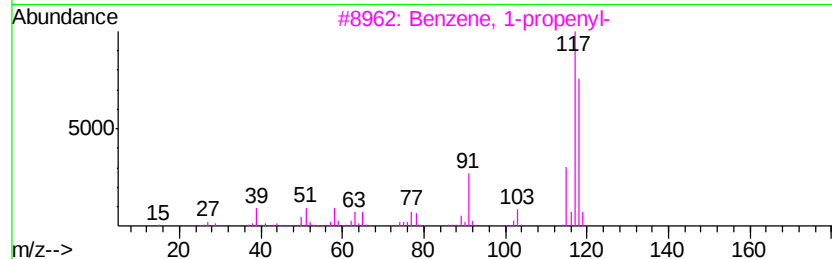
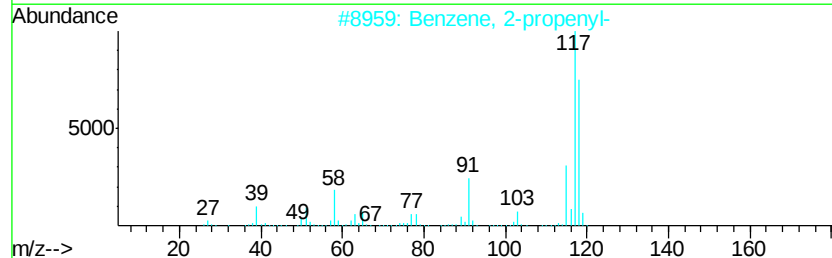
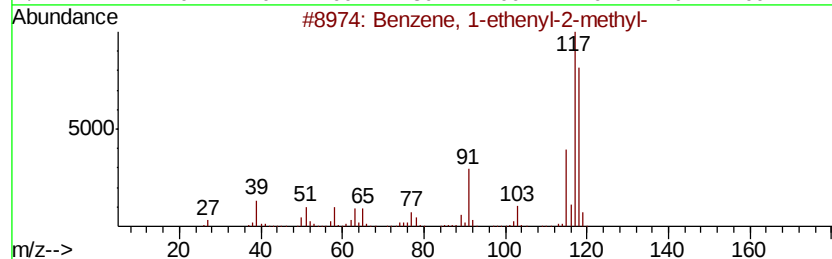
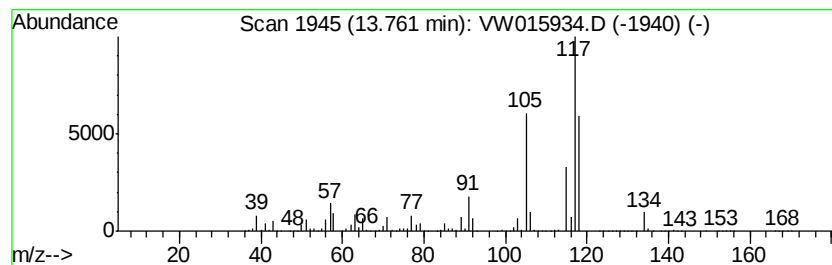
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Quant Title : VOC Analysis

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

Peak Number 55 Benzene, 1-ethenyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	360.80 ug/L	37827500	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	92
2		Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
3		Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
4		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
5		Benzene, 2-propenyl-	118	C9H10	000300-57-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

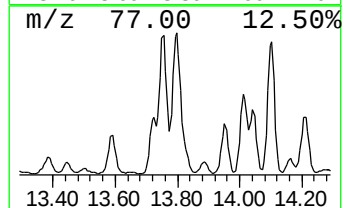
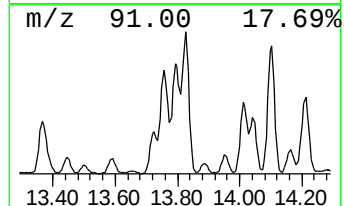
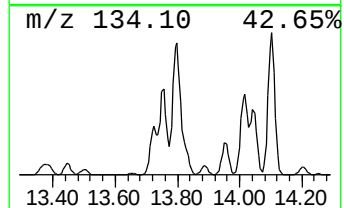
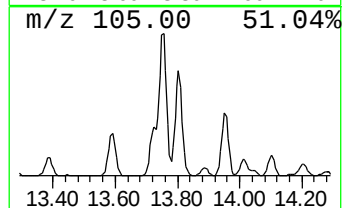
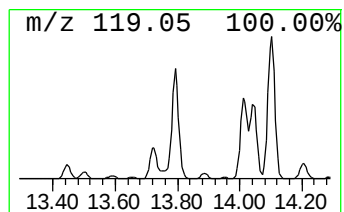
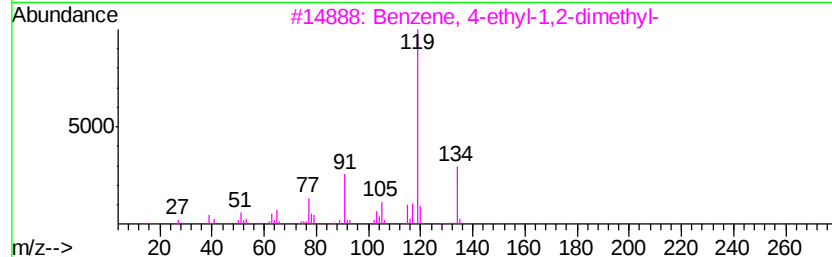
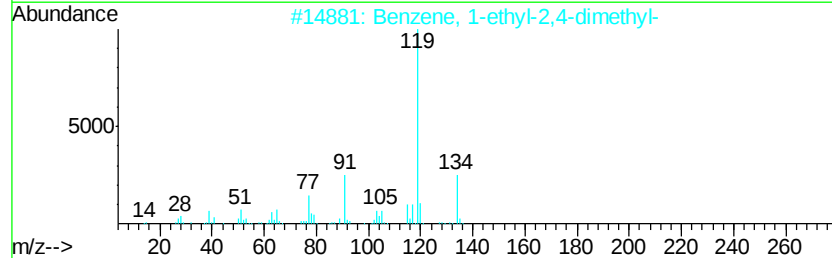
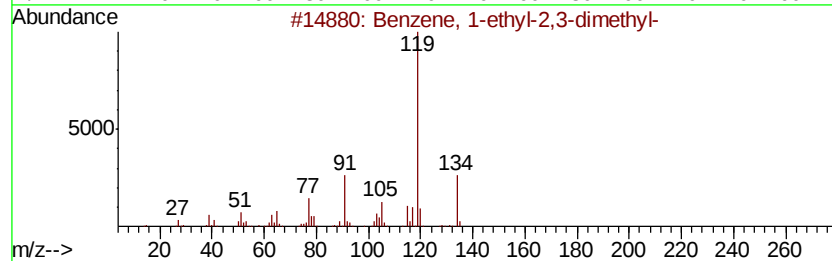
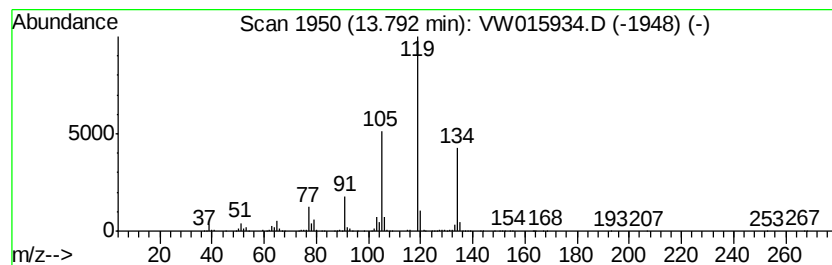
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Quant Title : VOC Analysis

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

Peak Number 56 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	309.05 ug/L	32401500	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

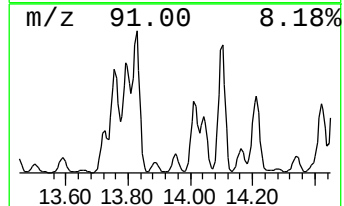
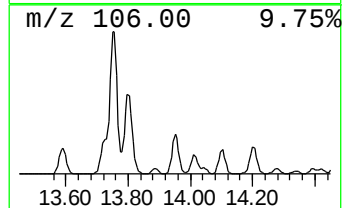
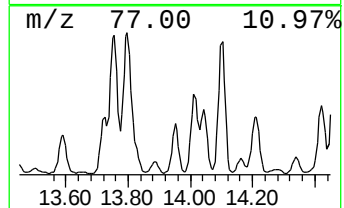
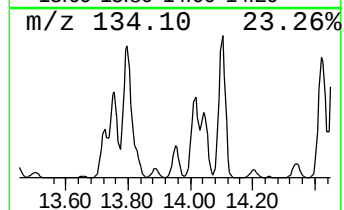
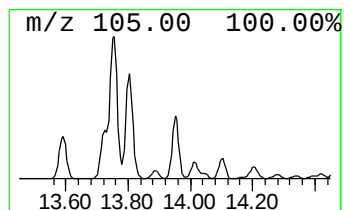
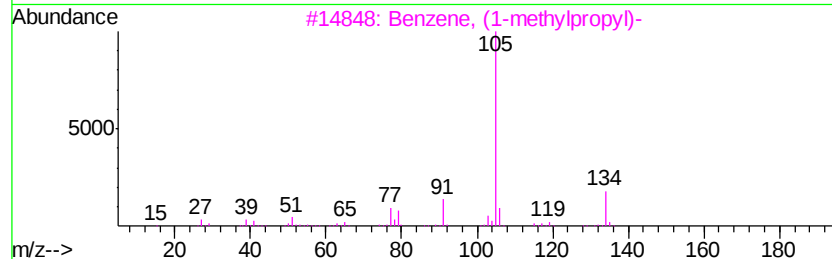
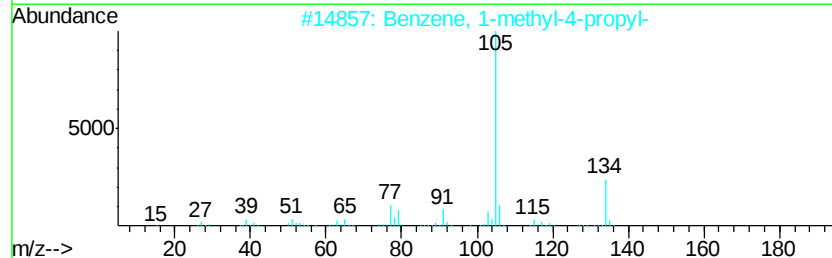
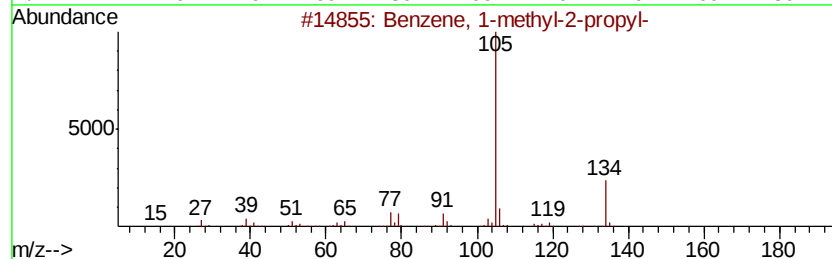
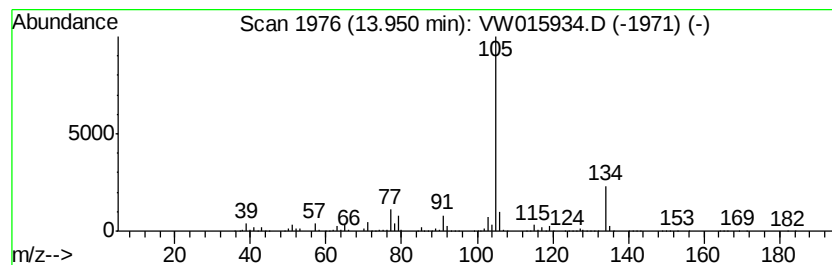
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Quant Title : VOC Analysis

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

Peak Number 57 Benzene, 1-methyl-2-propyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	75.00 ug/L	7863180	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
5		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

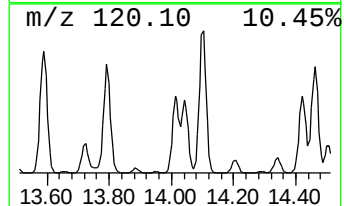
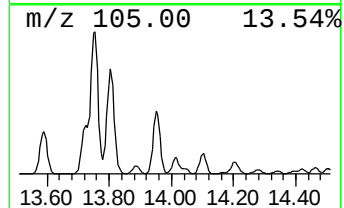
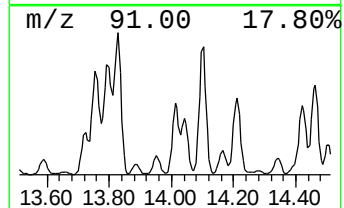
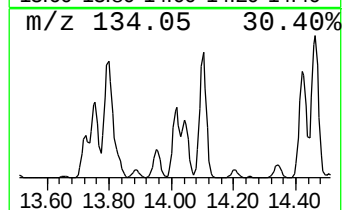
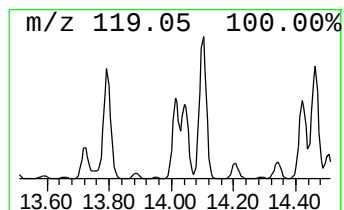
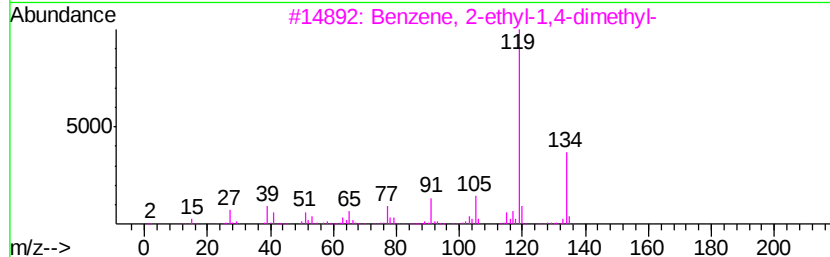
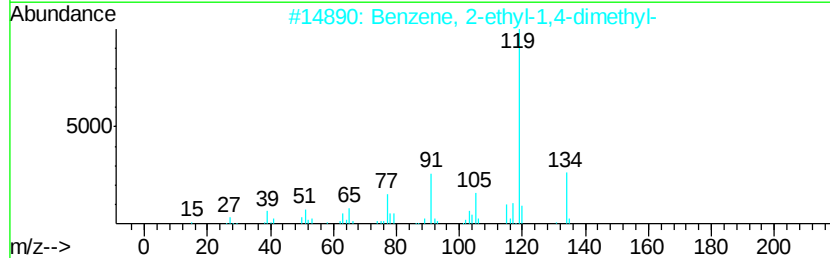
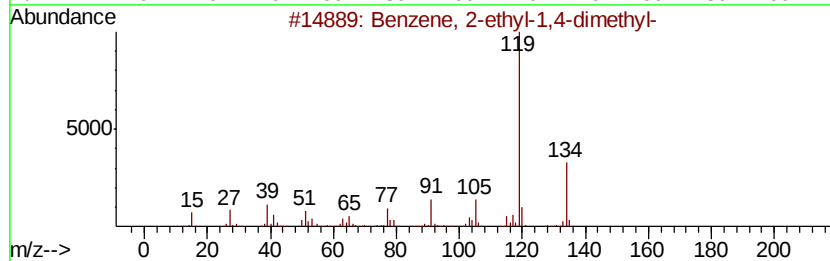
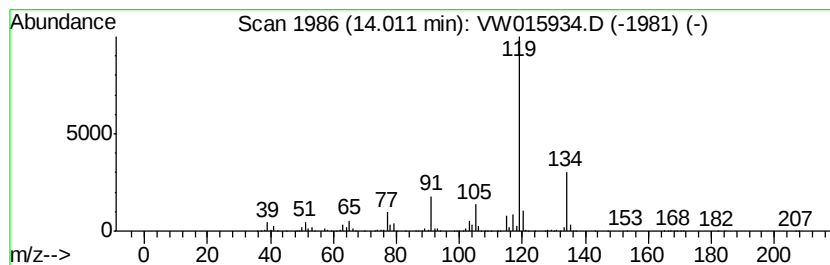
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Quant Title : VOC Analysis

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

Peak Number 58 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	151.85 ug/L	15920800	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	97
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

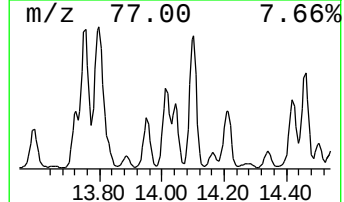
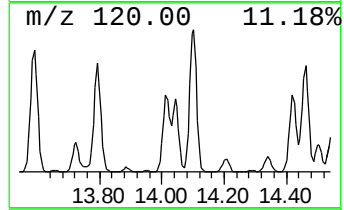
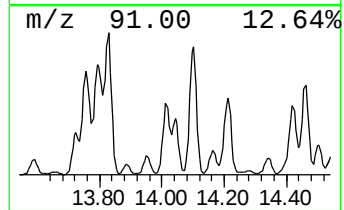
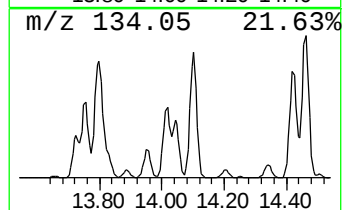
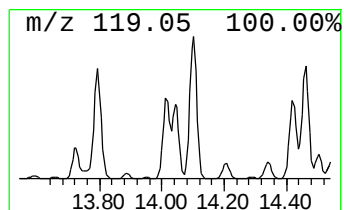
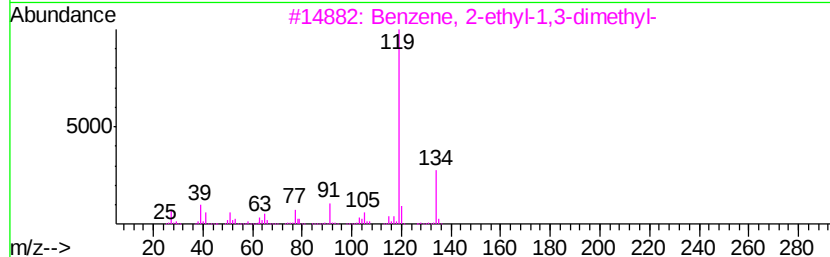
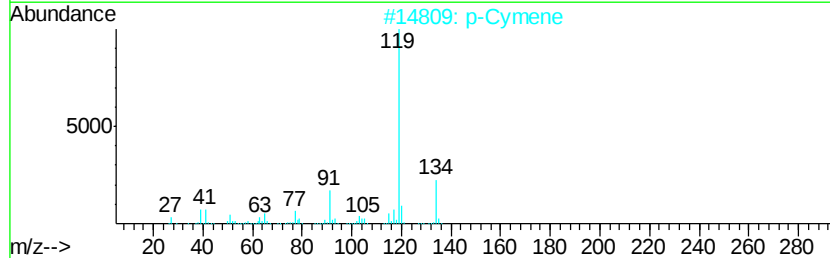
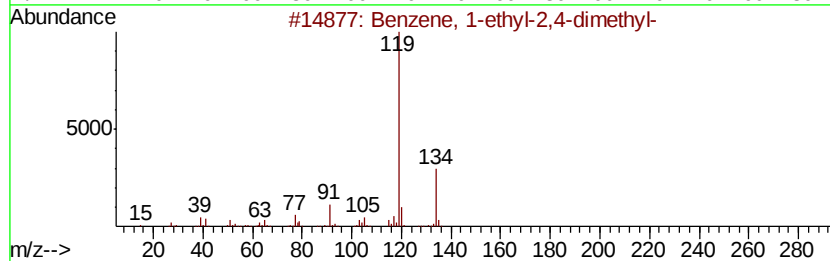
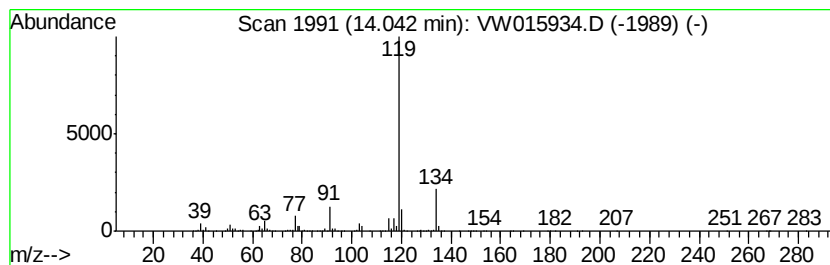
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Quant Title : VOC Analysis

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

Peak Number 59 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	109.04 ug/L	11432200	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
2		p-Cymene	134	C10H14	000099-87-6	91
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

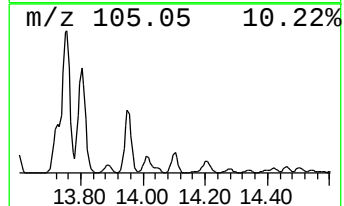
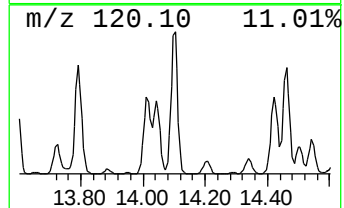
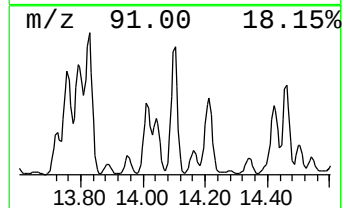
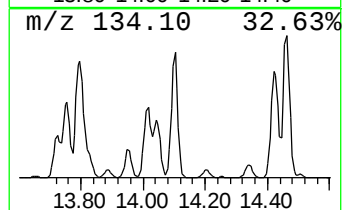
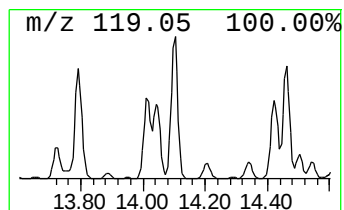
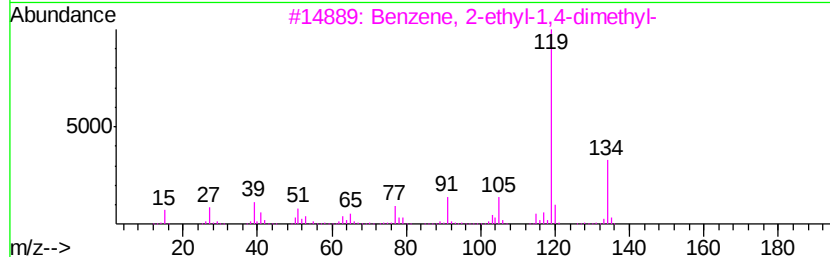
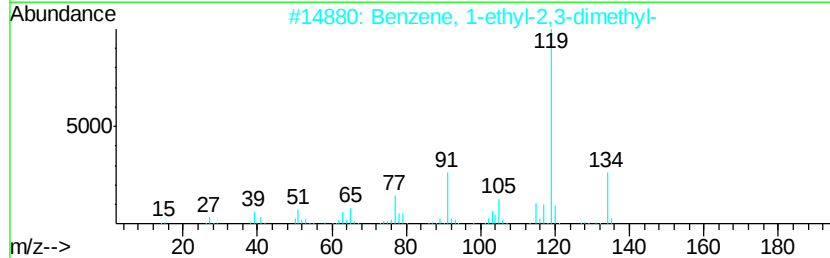
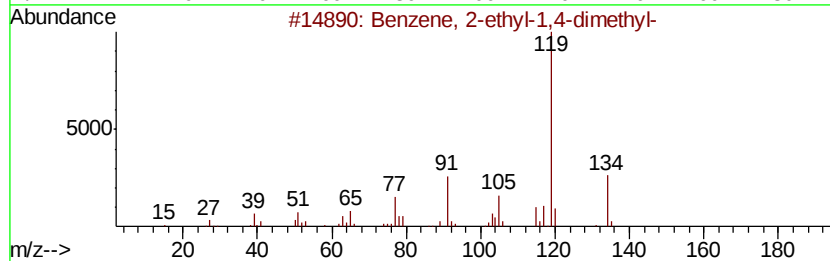
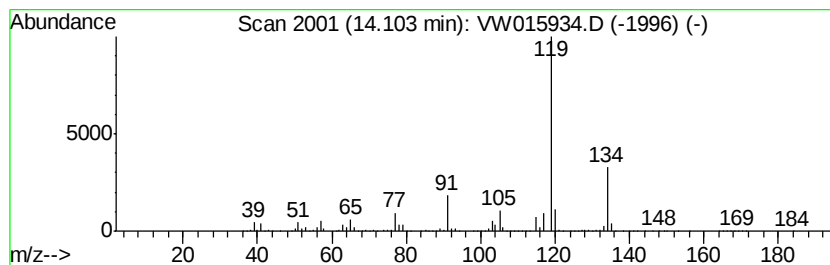
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Quant Title : VOC Analysis

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

Peak Number 60 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	283.10 ug/L	29681700	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	95
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5		o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

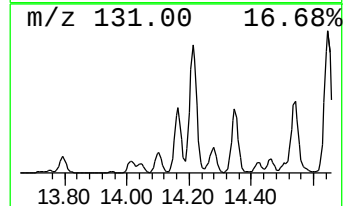
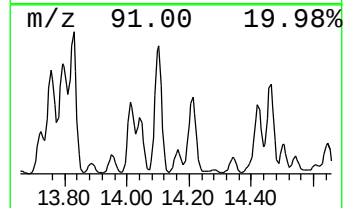
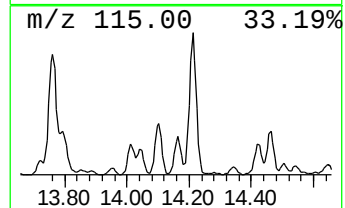
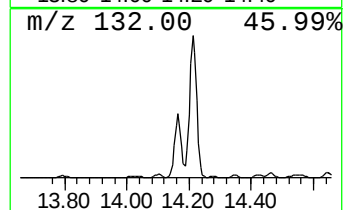
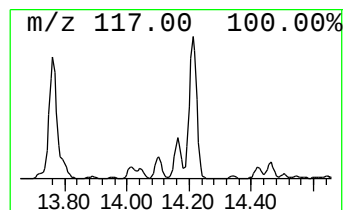
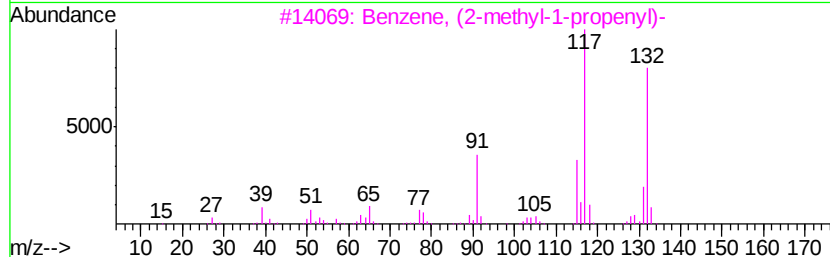
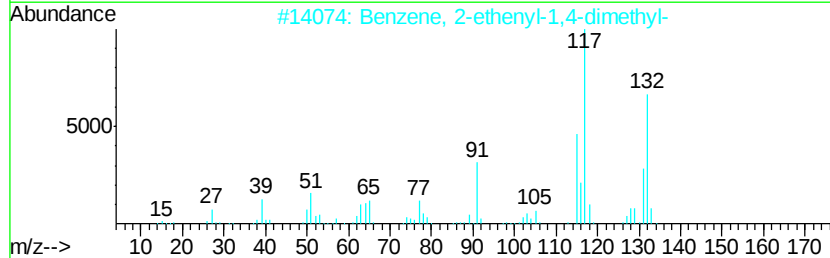
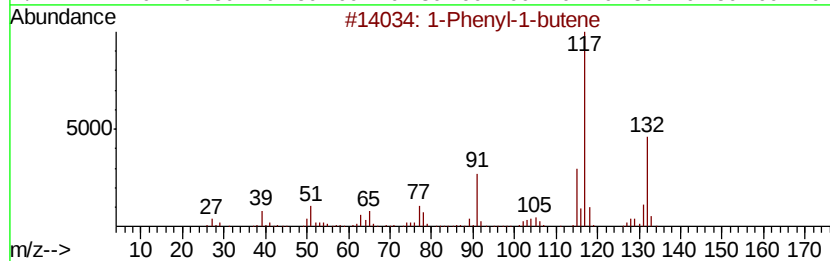
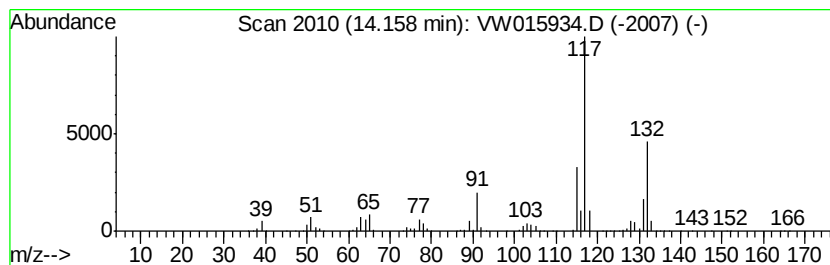
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Quant Title : VOC Analysis

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

Peak Number 61 1-Phenyl-1-butene Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	49.01 ug/L	5137970	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenyl-1-butene	132	C10H12	000824-90-8	94
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
4		Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

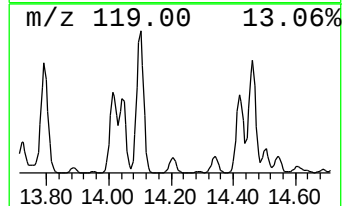
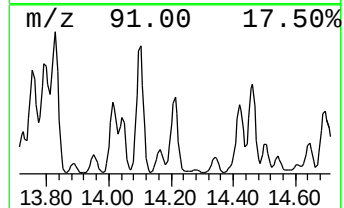
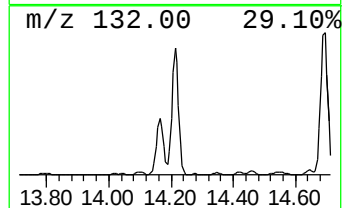
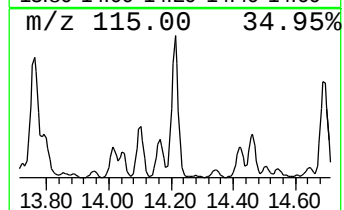
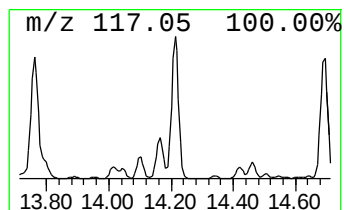
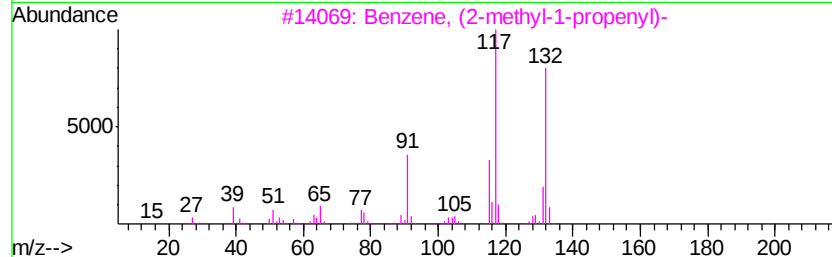
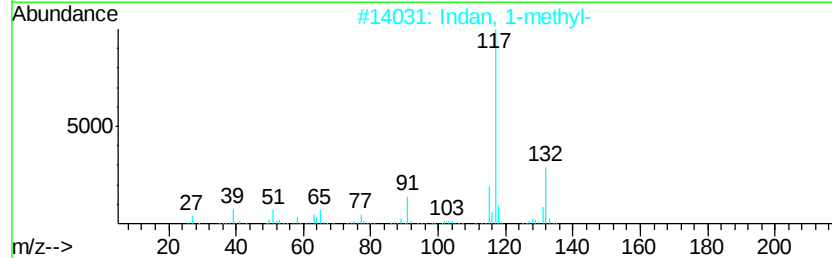
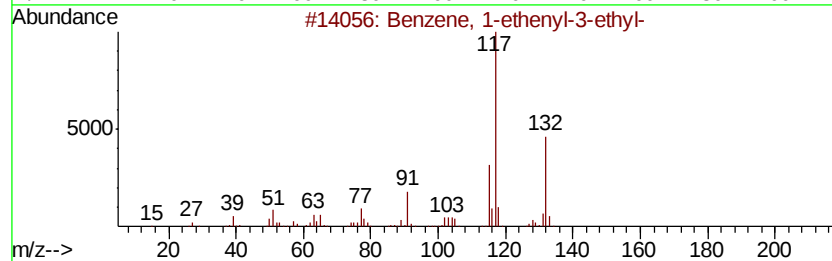
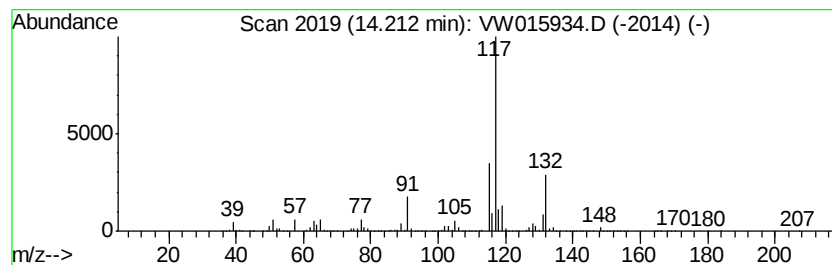
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Quant Title : VOC Analysis

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

Peak Number 62 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	186.01 ug/L	19501800	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2		Indan, 1-methyl-	132	C10H12	000767-58-8	90
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	83
5		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

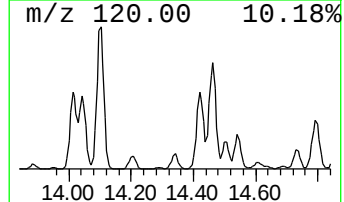
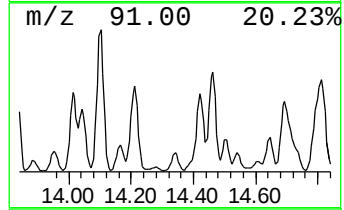
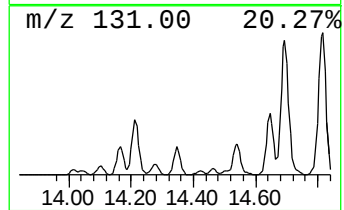
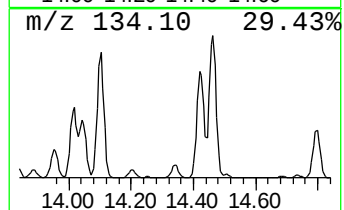
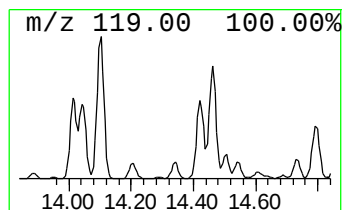
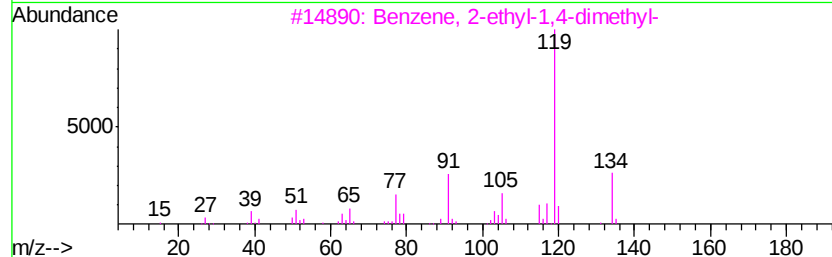
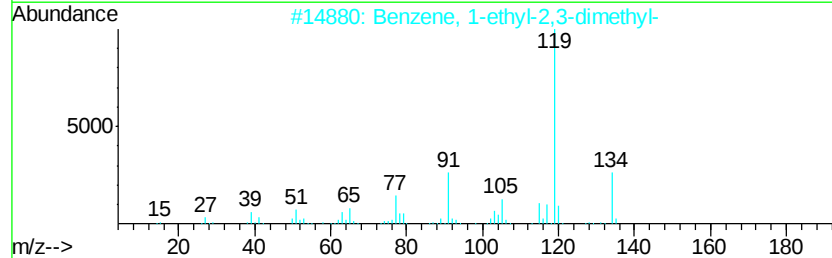
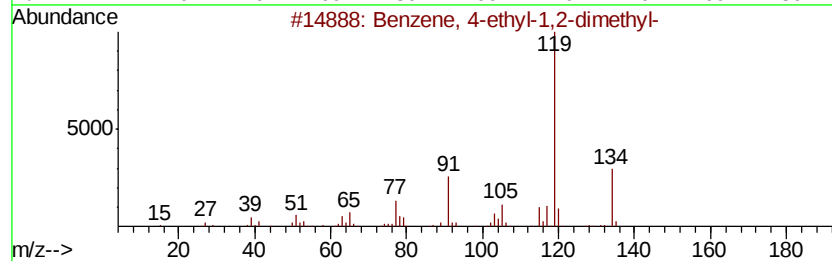
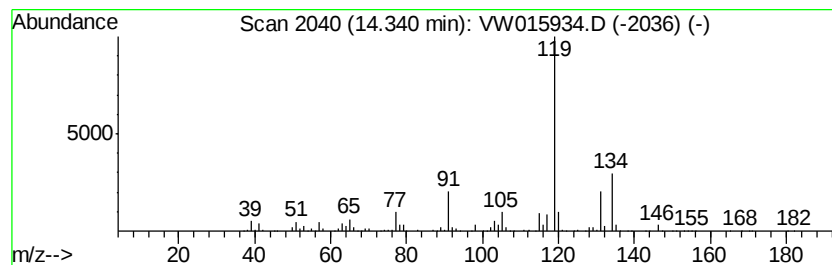
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Quant Title : VOC Analysis

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

Peak Number 63 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	35.18 ug/L	3688010	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4		o-Cymene	134	C10H14	000527-84-4	94
5		o-Cymene	134	C10H14	000527-84-4	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

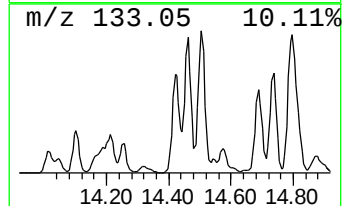
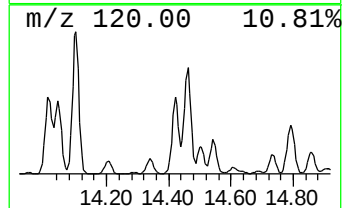
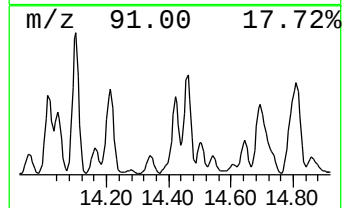
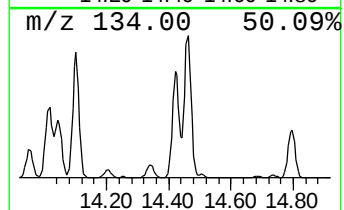
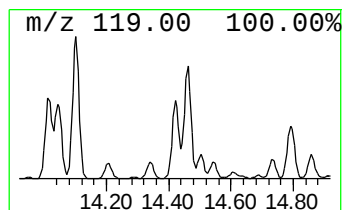
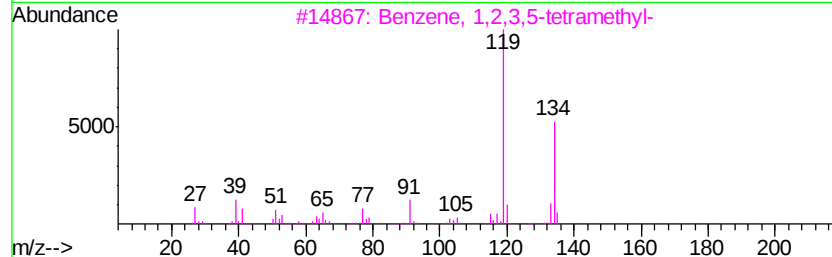
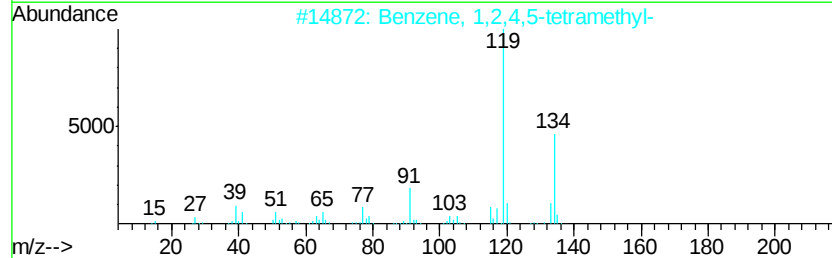
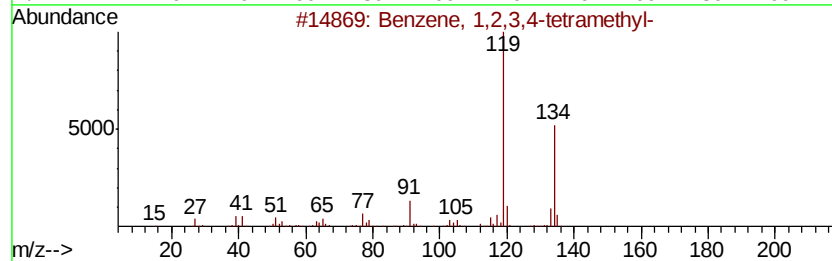
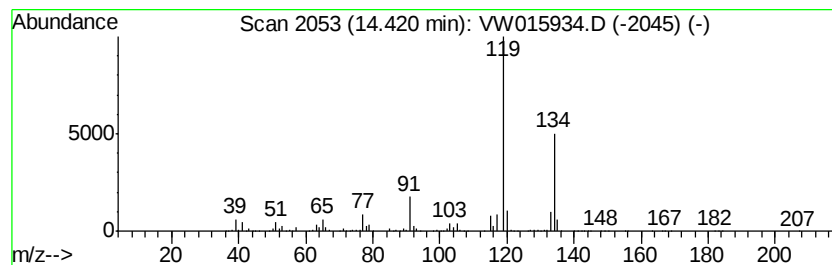
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Quant Title : VOC Analysis

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

Peak Number 64 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	179.83 ug/L	18853600	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

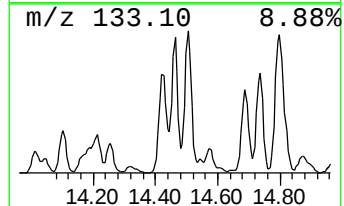
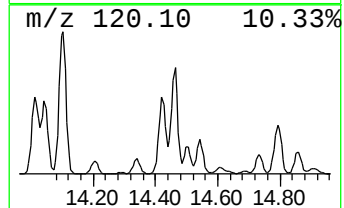
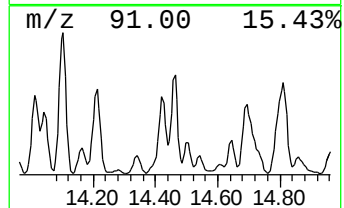
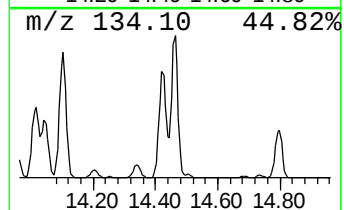
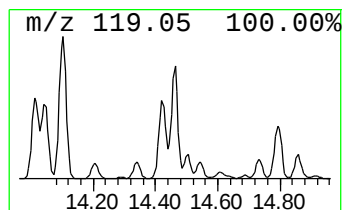
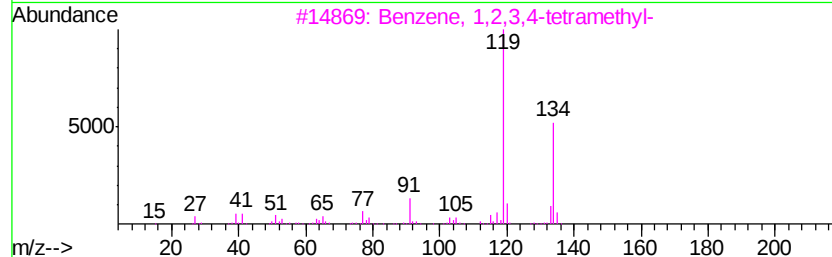
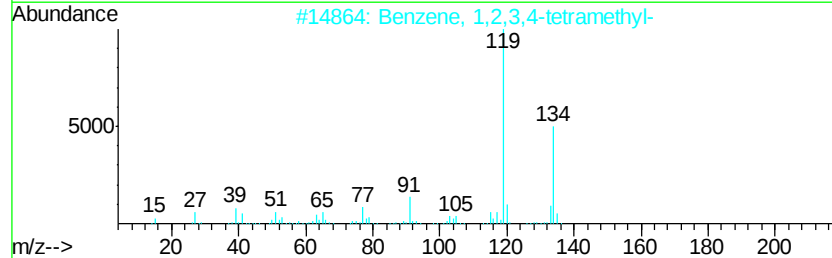
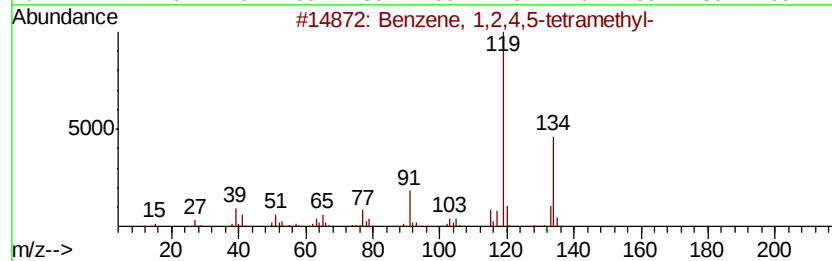
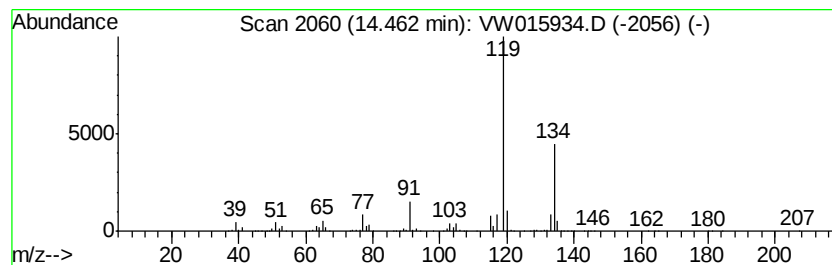
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Quant Title : VOC Analysis

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

Peak Number 65 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	204.58 ug/L	21448700	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

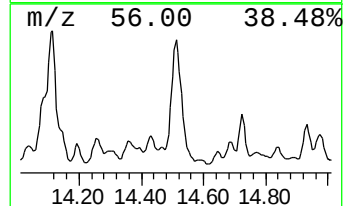
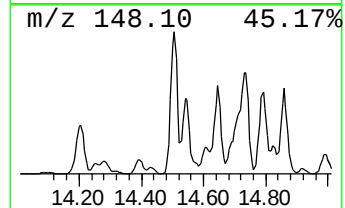
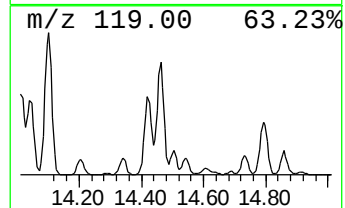
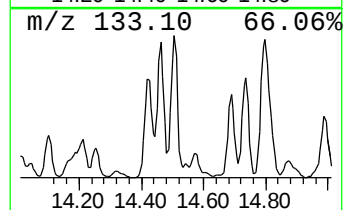
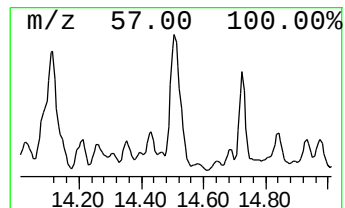
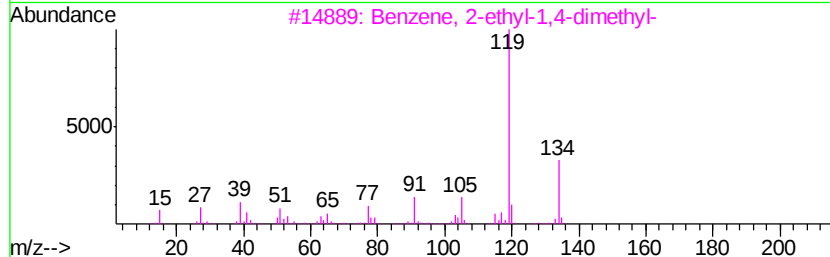
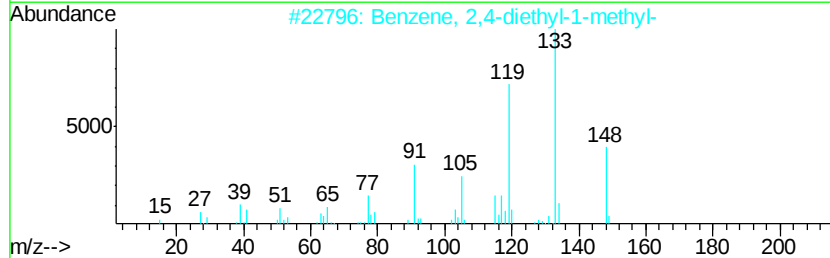
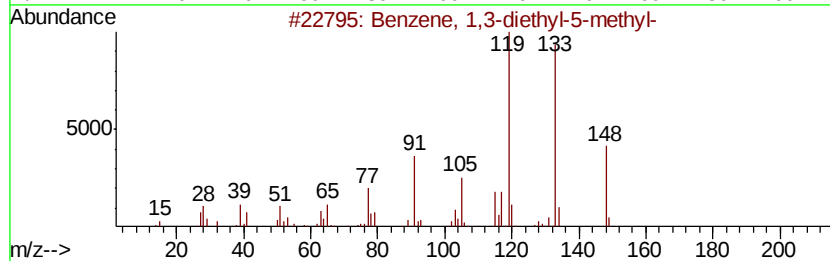
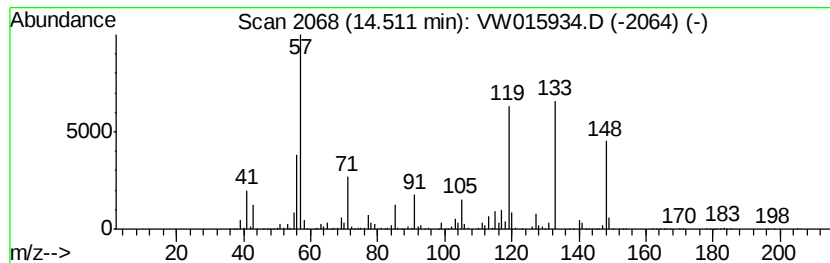
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Quant Title : VOC Analysis

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

Peak Number 66 unknown-02 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	86.33 ug/L	9051050	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	43
2		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	35
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	30
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	30
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

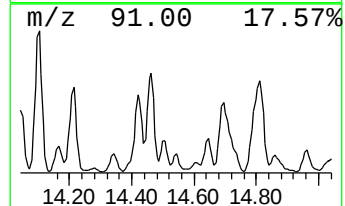
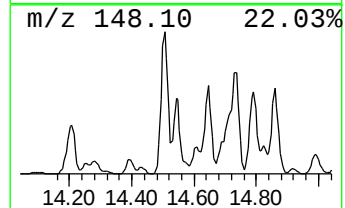
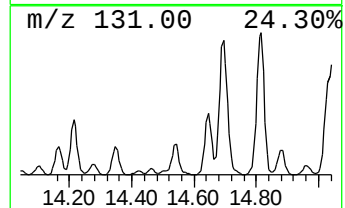
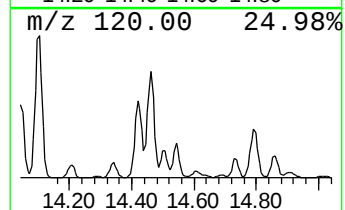
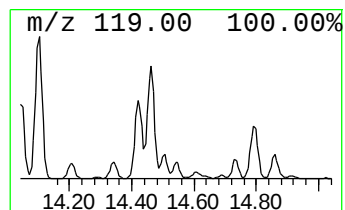
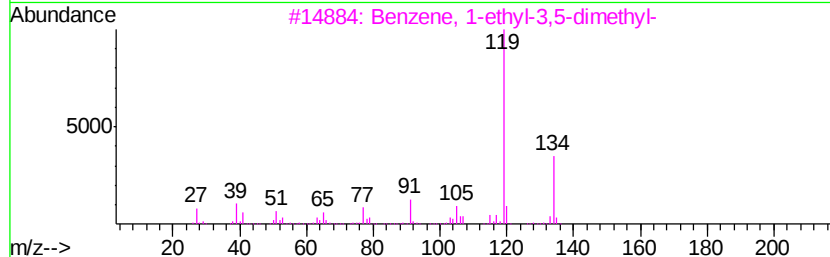
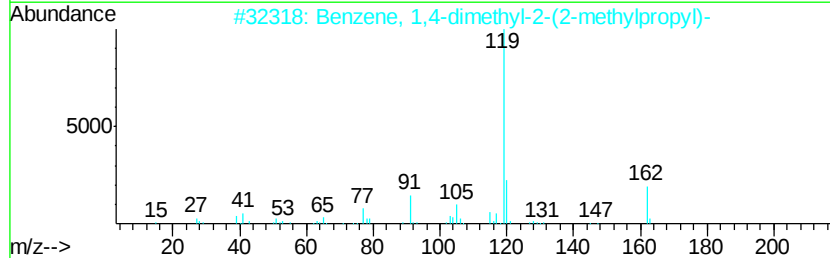
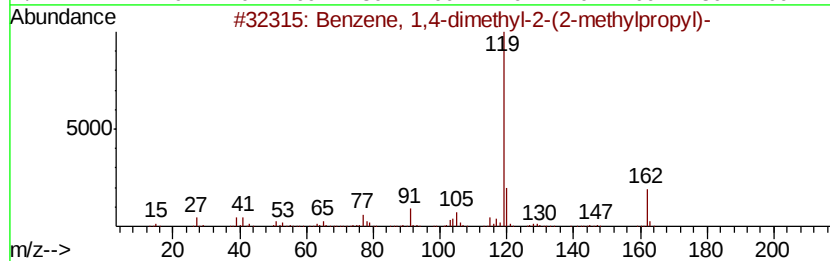
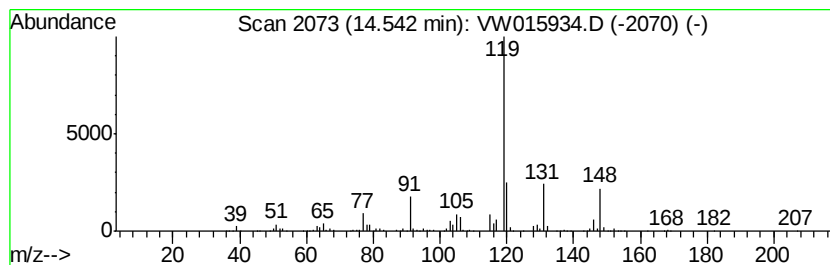
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Quant Title : VOC Analysis

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

Peak Number 67 Benzene, 1,4-dimethyl-2-(2-... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	37.60 ug/L	3942260	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-dimethyl-2-(2-methyl-...	162	C12H18	055669-88-0	53
2		Benzene, 1,4-dimethyl-2-(2-methyl-...	162	C12H18	055669-88-0	53
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	50
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	50
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

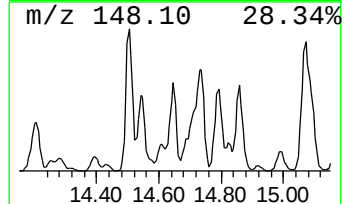
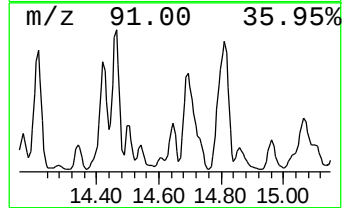
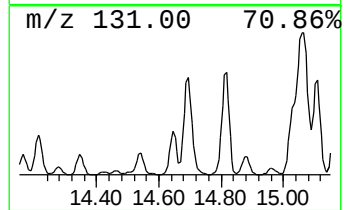
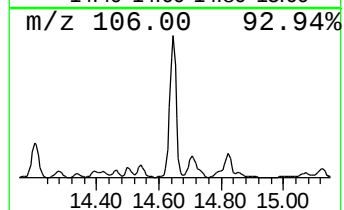
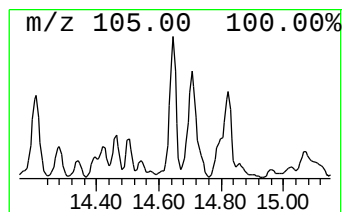
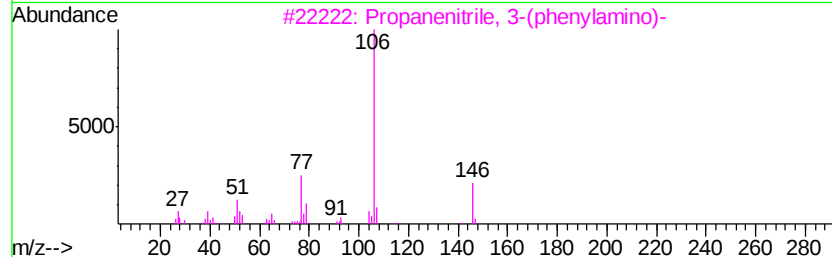
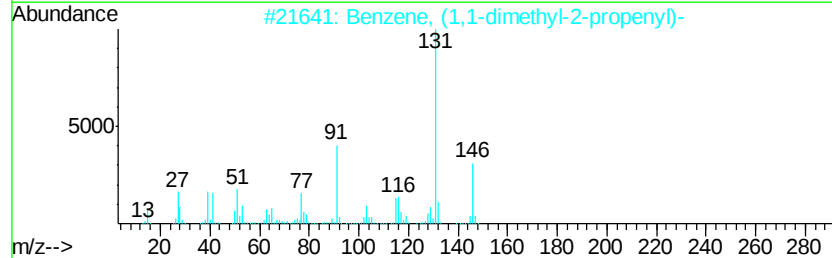
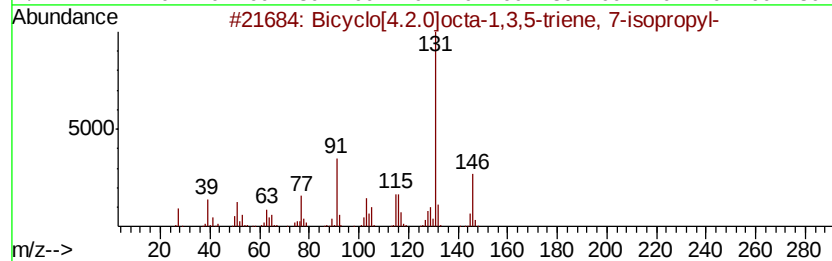
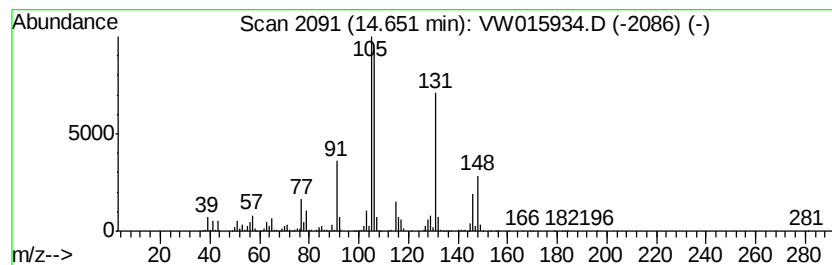
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Quant Title : VOC Analysis

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

Peak Number 68 unknown-03 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	43.72 ug/L	4583580	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	42
2		Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	38
3		Propanenitrile, 3-(phenylamino)-	146	C9H10N2	001075-76-9	38
4		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	38
5		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAY15

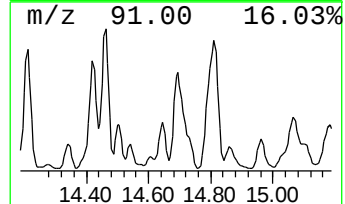
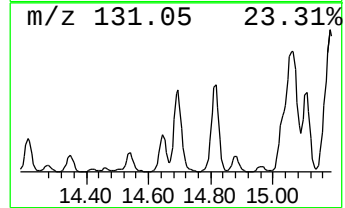
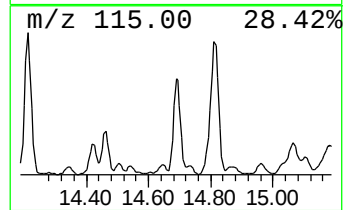
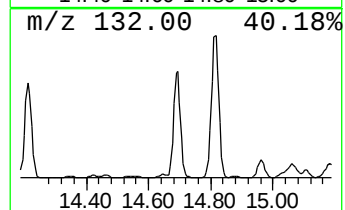
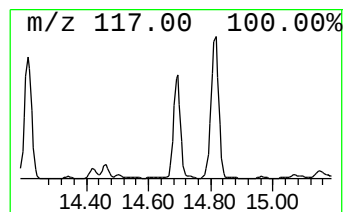
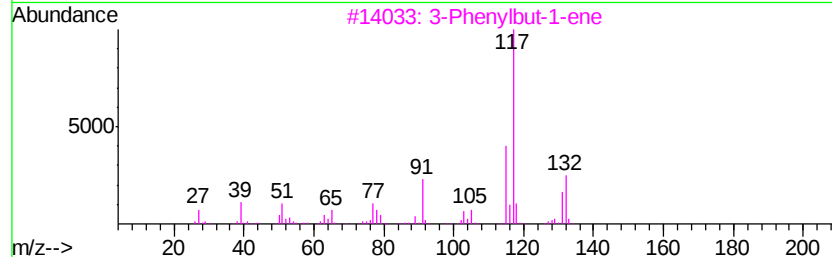
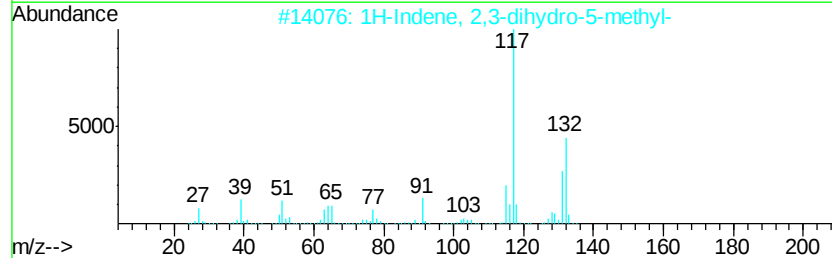
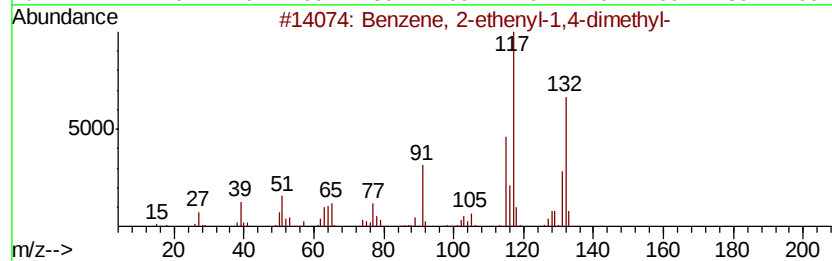
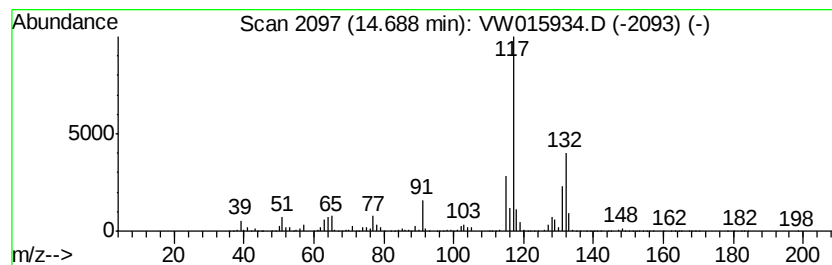
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Quant Title : VOC Analysis

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

Peak Number 69 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	191.88 ug/L	20116900	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	93
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

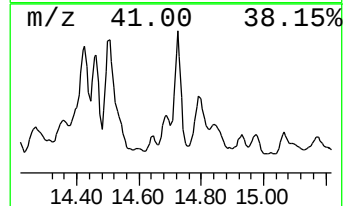
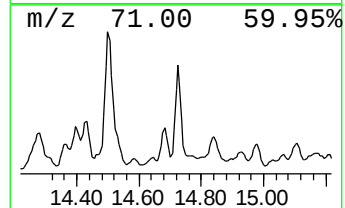
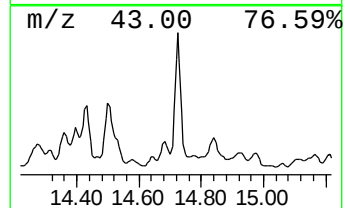
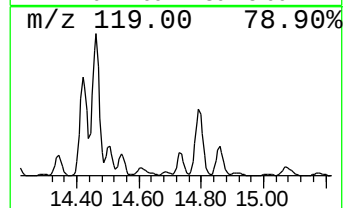
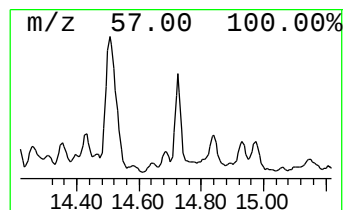
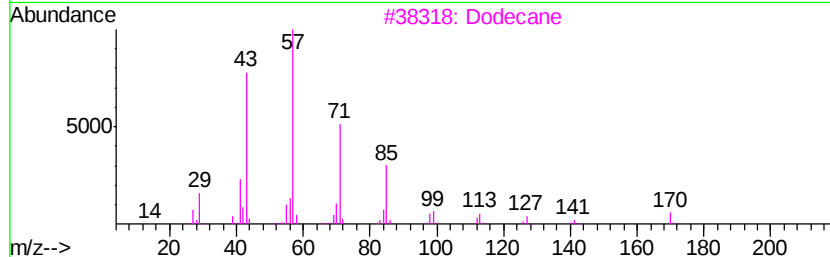
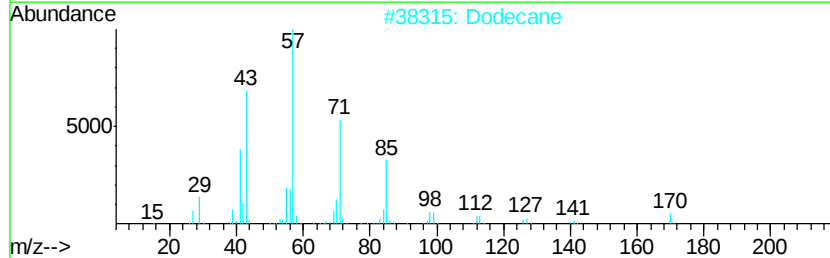
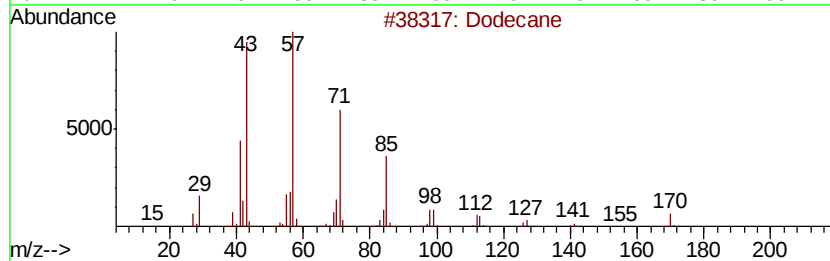
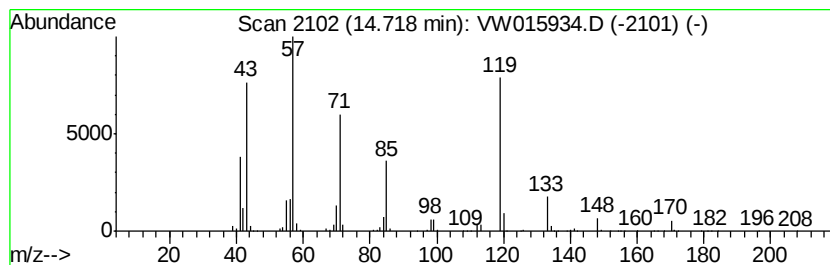
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Quant Title : VOC Analysis

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

Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	65.80 ug/L	6898220	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	78
2		Dodecane	170	C12H26	000112-40-3	74
3		Dodecane	170	C12H26	000112-40-3	38
4		Dodecane	170	C12H26	000112-40-3	35
5		Tetradecane	198	C14H30	000629-59-4	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072320\
Data File : VW015934.D
Acq On : 23 Jul 2020 20:12
Operator : SY/VA
Sample : L3395-05
Misc : 5.48G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY15

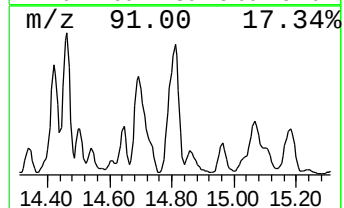
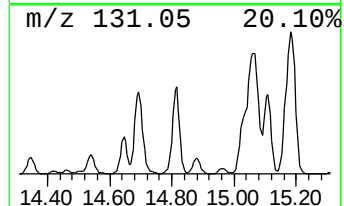
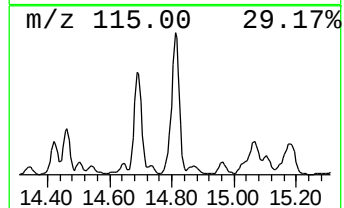
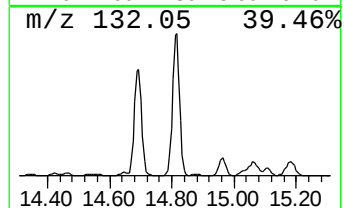
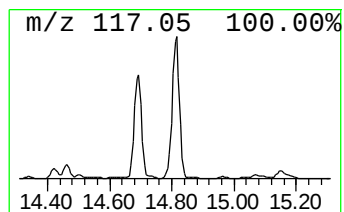
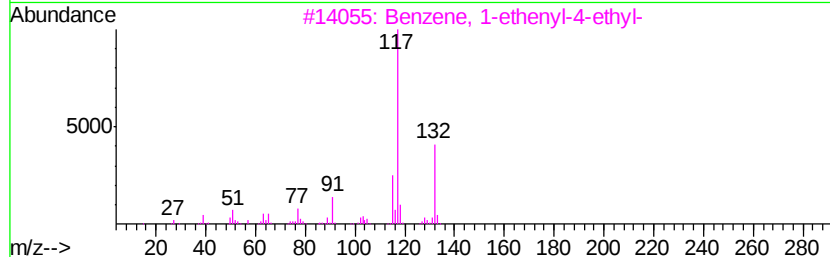
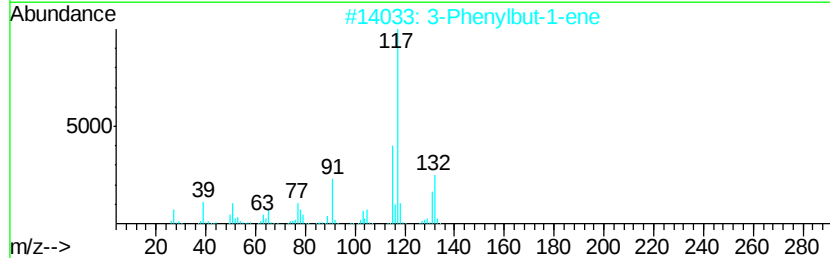
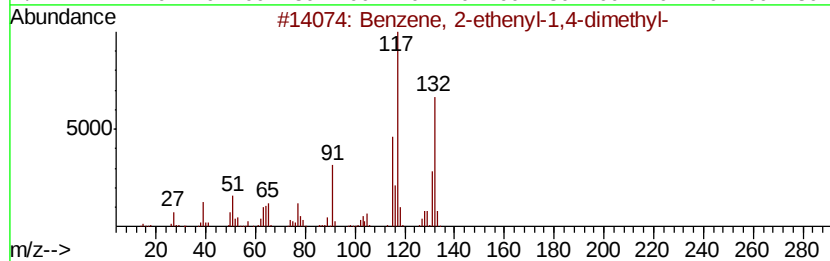
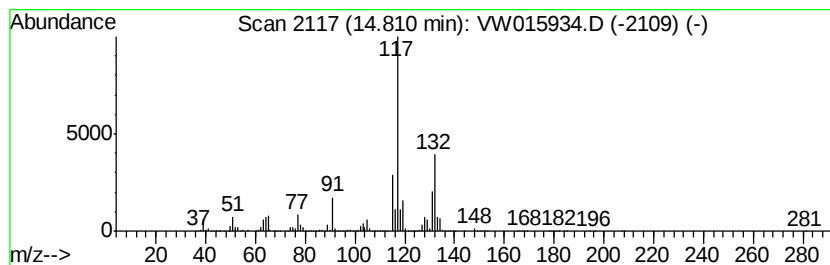
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

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

Peak Number 71 unknown-04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	334.61 ug/L	35081900	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	96
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	93
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
4		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072320\
 Data File : VW015934.D
 Acq On : 23 Jul 2020 20:12
 Operator : SY/VA
 Sample : L3395-05
 Misc : 5.48G/10ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.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...	3.04	38.3	ug/L	21473800	1	8.85	14012000	25.0
(DEL) Alkane: Str...	3.39	5.9	ug/L	3285200	1	8.85	14012000	25.0
(DEL) Alkane: Str...	4.96	90.5	ug/L	50704000	1	8.85	14012000	25.0
(DEL) Alkane: Str...	5.44	35.8	ug/L	20079400	1	8.85	14012000	25.0
(DEL) Alkane: Str...	5.94	11.4	ug/L	6387080	1	8.85	14012000	25.0
(DEL) Alkane: Str...	6.73	5.3	ug/L	2992050	1	8.85	14012000	25.0
(DEL) Alkane: Str...	6.88	93.1	ug/L	52186200	1	8.85	14012000	25.0
(DEL) Alkane: Cyc...	6.99	23.3	ug/L	13046700	1	8.85	14012000	25.0
(DEL) Alkane: Str...	8.05	197.0	ug/L	110408000	1	8.85	14012000	25.0
(DEL) Alkane: Str...	8.16	45.2	ug/L	25338200	1	8.85	14012000	25.0
(DEL) Alkane: Str...	8.51	315.4	ug/L	176794000	1	8.85	14012000	25.0
(DEL) Alkane: Cyc...	8.59	11.4	ug/L	6409230	1	8.85	14012000	25.0
(DEL) Alkane: Str...	8.70	18.6	ug/L	10432600	1	8.85	14012000	25.0
(DEL) Alkane: Str...	9.00	6.3	ug/L	3554030	1	8.85	14012000	25.0
3,5-Dimethylcyclo...	9.12	5.9	ug/L	3317360	1	8.85	14012000	25.0
(DEL) Alkane: Str...	9.40	64.3	ug/L	36046000	1	8.85	14012000	25.0
(DEL) Alkane: Str...	9.48	10.3	ug/L	5746560	1	8.85	14012000	25.0
(DEL) Alkane: Cyc...	9.52	9.1	ug/L	5123660	1	8.85	14012000	25.0
(DEL) Alkane: Str...	9.62	9.9	ug/L	5566000	1	8.85	14012000	25.0
(DEL) Alkane: Str...	9.77	159.1	ug/L	89180600	1	8.85	14012000	25.0
(DEL) Alkane: Str...	9.91	169.5	ug/L	95013600	1	8.85	14012000	25.0
(DEL) Alkane: Str...	9.96	9.0	ug/L	5069350	1	8.85	14012000	25.0
(DEL) Alkane: Str...	10.10	47.5	ug/L	26632800	1	8.85	14012000	25.0
(DEL) Alkane: Str...	10.26	69.2	ug/L	35714600	2	11.63	12912400	25.0
(DEL) Alkane: Cyc...	10.44	10.0	ug/L	5145760	2	11.63	12912400	25.0
(DEL) Alkane: Str...	10.51	28.8	ug/L	14895700	2	11.63	12912400	25.0
(DEL) Alkane: Str...	10.69	10.6	ug/L	5463970	2	11.63	12912400	25.0
1,4-Hexadiene, 2,...	10.75	12.9	ug/L	6653340	2	11.63	12912400	25.0
(DEL) Alkane: Str...	10.85	9.6	ug/L	4942450	2	11.63	12912400	25.0
(DEL) Alkane: Str...	11.04	25.9	ug/L	13404500	2	11.63	12912400	25.0
(DEL) Alkane: Cyc...	11.11	5.7	ug/L	2919790	2	11.63	12912400	25.0
Methyl ethyl cycl...	11.15	8.1	ug/L	4191240	2	11.63	12912400	25.0
(DEL) Alkane: Cyc...	11.18	6.2	ug/L	3191670	2	11.63	12912400	25.0
(DEL) Alkane: Cyc...	11.23	5.7	ug/L	2939630	2	11.63	12912400	25.0
1,3-Heptadiene, 2...	11.29	8.6	ug/L	4427120	2	11.63	12912400	25.0
(DEL) Alkane: Str...	11.34	10.0	ug/L	5179010	2	11.63	12912400	25.0
(DEL) Alkane: Str...	11.41	36.8	ug/L	18989100	2	11.63	12912400	25.0
(DEL) Alkane: Str...	11.52	25.2	ug/L	13017400	2	11.63	12912400	25.0
(DEL) Alkane: Str...	12.07	15.1	ug/L	7820390	2	11.63	12912400	25.0
(DEL) Alkane: Str...	12.25	10.5	ug/L	5414180	2	11.63	12912400	25.0
(DEL) Alkane: Str...	12.60	307.7	ug/L	32264200	3	13.56	2621090	25.0
(DEL) Alkane: Str...	12.76	85.5	ug/L	8960600	3	13.56	2621090	25.0
Benzene, propyl-	12.80	183.9	ug/L	19281000	3	13.56	2621090	25.0
Benzene, 1-ethyl-...	12.87	25.9	ug/L	2715350	3	13.56	2621090	25.0
Benzene, 1-ethyl-...	12.90	161.0	ug/L	16882500	3	13.56	2621090	25.0
Benzene, 1,2,3-tr...	12.94	332.1	ug/L	34823300	3	13.56	2621090	25.0
Mesitylene	13.11	191.6	ug/L	20092400	3	13.56	2621090	25.0
(DEL) Alkane: Str...	13.19	89.7	ug/L	9403330	3	13.56	2621090	25.0
Benzene, 1,2,4-tr...	13.26	717.5	ug/L	75225200	3	13.56	2621090	25.0

Benzene, 1-methyl...	13.38	53.3	ug/L	5591190	3	13.56	2621090	25.0
(DEL) Alkane: Str...	13.41	50.3	ug/L	5271710	3	13.56	2621090	25.0
o-Cymene	13.44	26.2	ug/L	2750940	3	13.56	2621090	25.0
p-Cymene	13.49	26.6	ug/L	2783160	3	13.56	2621090	25.0
Benzene, 1,3-diet...	13.72	92.4	ug/L	9685210	3	13.56	2621090	25.0
Benzene, 1-etheny...	13.76	360.8	ug/L	37827500	3	13.56	2621090	25.0
Benzene, 1-ethyl-...	13.79	309.1	ug/L	32401500	3	13.56	2621090	25.0
Benzene, 1-methyl...	13.95	75.0	ug/L	7863180	3	13.56	2621090	25.0
Benzene, 2-ethyl-...	14.01	151.8	ug/L	15920800	3	13.56	2621090	25.0
Benzene, 1-ethyl-...	14.04	109.0	ug/L	11432200	3	13.56	2621090	25.0
unknown-01	14.10	283.1	ug/L	29681700	3	13.56	2621090	25.0
1-Phenyl-1-butene	14.16	49.0	ug/L	5137970	3	13.56	2621090	25.0
Benzene, 1-etheny...	14.21	186.0	ug/L	19501800	3	13.56	2621090	25.0
Benzene, 4-ethyl-...	14.34	35.2	ug/L	3688010	3	13.56	2621090	25.0
Benzene, 1,2,3,4-...	14.42	179.8	ug/L	18853600	3	13.56	2621090	25.0
Benzene, 1,2,4,5-...	14.46	204.6	ug/L	21448700	3	13.56	2621090	25.0
unknown-02	14.51	86.3	ug/L	9051050	3	13.56	2621090	25.0
Benzene, 1,4-dime...	14.54	37.6	ug/L	3942260	3	13.56	2621090	25.0
unknown-03	14.65	43.7	ug/L	4583580	3	13.56	2621090	25.0
Benzene, 2-etheny...	14.69	191.9	ug/L	20116900	3	13.56	2621090	25.0
(DEL) Alkane: Str...	14.72	65.8	ug/L	6898220	3	13.56	2621090	25.0
unknown-04	14.81	334.6	ug/L	35081900	3	13.56	2621090	25.0

Instrument :
MSVOA_W
ClientSampleId :
GAY15